WKE

NOVEMBER 2026

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 988

PROJECT ID: 3170-09-70/71/81

WITH: N/A

COUNTY: WALWORTH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3170-09-70	WISC 2027059	1
3170-09-71	WISC 2027060	1
3170-09-81	———	—

C LAKE GENEVA, W MAIN ST
FOREST ST TO WELLS ST
STH 50
WALWORTH COUNTY

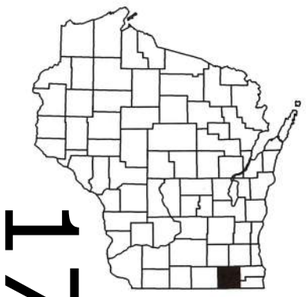
STATE PROJECT NUMBER
3170-09-71

C LAKE GENEVA, W MAIN ST
FOREST ST TO WELLS ST
STH 50
WALWORTH COUNTY

STATE PROJECT NUMBER
3170-09-81

C LAKE GENEVA, W MAIN ST
WELLS ST TO GRAND GENEVA WAY
STH 50
WALWORTH COUNTY

STATE PROJECT NUMBER
3170-09-70



17

DESIGN DESIGNATION 3170-09-00/01

A.A.D.T.	2027	=	15,700
A.A.D.T.	2047	=	16,600
D.H.V.		=	1,850
D.D.		=	59/41
T.		=	5.1%
DESIGN SPEED		=	45 MPH (BEGIN - STA 620+71) 35 MPH (STA 620+71 - STA 627+80) 25 MPH (STA 627+80 - STA 700+07) 40 MPH (STA 700+07 - STA 725+90) 45 MPH (STA 725+90 - END)
ESALS		=	1,700,000

N

END PROJECT ID 3170-09-71/81
STA 682+76.86

BEGIN PROJECT ID 3170-09-71/81
STA 618+50.00
Y: 335,592.729
X: 786,960.599



BEGIN PROJECT ID 3170-09-70
STA 682+76.86
Y: 336,132.514
X: 793,299.318

STRUCTURE S-64-610
STA 726+65.00

END PROJECT ID 3170-09-70
STA 750+73.69

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES
- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

LAYOUT
SCALE 0 1.0 MI

3170-09-70 TOTAL NET LENGTH OF CENTERLINE = 1.287 MI
3170-09-71/81 TOTAL NET LENGTH OF CENTERLINE = 1.217 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WALWORTH COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ORIGINAL PLANS PREPARED BY
BLOOM COMPANIES, LLC
Infrastructure, Protection and Ingenuity

VALBON LATIFI E-45819 CUDAHY WI
WISCONSIN PROFESSIONAL ENGINEER

DATE: 09/28/24 (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	TERRATEC ENGINEERING, LLC
Designer	BLOOM COMPANIES, LLC
Project Manager	JASON DAHLGREN, P.E.
Regional Examiner	WISDOT SE REGION
Regional Supervisor	MANOJOY NAG, P.E.

APPROVED FOR THE DEPARTMENT
DATE: 9/29/2026 Jason Dahlgren (Signature)

E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\010101-TI.DWG

PLOT DATE : 9/23/2026 4:53 PM PLOT BY : VALBON LATIFI PLOT NAME :

UTILITY CONTACTS

AT&T WISCONSIN

MICHAEL VANBOVEN
COMMUNICATION LINE
411 7TH ST
RACINE, WI 53403
(262) 676-3958
mv3658@att.com

ATC MANAGEMENT, INC

CHRIS DAILEY
ELECTRICITY-TRANSMISSION
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WAUKESHA, WI 53187
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cdailey@atcllc.com

ALLIANT ENERGY

AUSTIN KROHN
ELECTRICITY
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ELKHORN, WI 53121
(262) 741-0934
austinkrohn@alliantenergy.com

BLUEBIRD FIBER

BRANDON LASTOVICH
COMMUNICATION LINE
324 E WISCONSIN AVE, SUITE 730
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brandon.lastovich@bluebirdfiber.com

LAKE GENEVA UTILITY COMMISSION

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SEWER & WATER
361 MAIN ST
P.O. BOX 187
LAKE GENEVA, WI 53147-0187
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jgajewski@lgutilities.org

SPECTRUM

JUSTIN MONROE-JIMENEZ
COMMUNICATION LINE
2701 DANIELS ST
MADISON, WI 53718
(608) 288-6843
chtr_wi_const@charter.com

WE ENERGIES

NICK WAGNER
GAS/PETROLEUM
500 S 116TH ST
WEST ALLIS, WI 53214
OFFICE: (262) 944-5662
CELL: (262) 395-0666
DISPATCH/EMERG: (800) 261-5325
nicholas.wagner@we-energies.com

WINDSTREAM KDL, LLC

LORI KETTER
COMMUNICATION LINE
969 WAUBE LN
GREEN BAY, WI 54304
(920) 410-6902
lori.ketter@windstream.com

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

STANDARD ABBREVIATIONS

AEW	APRON ENDWALL
BC	BACK OF CURB
BAD	BASE AGGREGATE DENSE
CSW	CONCRETE SIDEWALK
CONST	CONSTRUCTION
CP	CONTROL POINT
DE	DRAINAGE EASEMENT
EA	EACH
EAT	ENERGY ABSORBING TERMINAL
EPTR	EXISTING PIPE TO REMAIN
GB	GRADE BREAK
HE	HIGHWAY EASEMENT
LGUC	LAKE GENEVA UTILITY COMMISSION
MEF	MAXIMUM EXTENT FEASIBLE
MGAL	ONE THOUSAND GALLONS
OSOW	OVERSIZE-OVERWEIGHT
PLE	PERMANENT LIMITED EASEMENT
PRW	PROPOSED RIGHT OF WAY
RRFB	RECTANGULAR RAPID FLASHING BEACON
VOC	VOLATILE ORGANIC COMPOUND

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
REMOVAL PLANS
PLAN DETAILS
CURB RAMP DETAILS
EROSION CONTROL
STORM SEWER PLAN
UTILITY PLAN
SIGNING REMOVAL PLAN
PERMANENT SIGNING PLAN
TRAFFIC SIGNAL REMOVAL
TRAFFIC SIGNAL TEMPORARY
TRAFFIC SIGNAL PLAN
PAVEMENT MARKING
TRAFFIC CONTROL AND STAGING
DETOURS
ALIGNMENT DETAILS
SUPERELEVATION
ALIGNMENT LAYOUT - SURVEY CONTROL

DESIGN CONTACTS

WISDOT PROJECT MANAGER

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jason.dahlgren@dot.wi.gov

WISCONSIN DNR LIAISON

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craig.webster@wi.gov

DESIGN FIRM PROJECT MANAGER

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MILWAUKEE, WI 53226
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CELL: (414) 839-1646
FAX: (414) 771-4490
vlatifi@bloomcos.com

OTHER CONTACTS

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STREET LIGHTING & WISCONSIN SIGNAL
1065 CAREY ST
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tearle@cityoflakegeneva.com

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COMMUNICATION LINE
jon.markarian@gatewayfiber.com

TDS TELECOM

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COMMUNICATION LINE
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(608) 664-5143
glen.campbell@tdstelecom.com

WALWORTH COUNTY

RICHARD HOUGH
ROAD FACILITY
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ELKHORN, WI 53121
(262) 741-3104
rhough@co.walworth.wi.us

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LBS/SY/IN.

RIGHT OF WAY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND APPROVED BY THE ENGINEER. MAINTAIN EROSION CONTROL MEASURES UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

STOCKPILE EXCESS MATERIALS OR SPOILS ON UPLAND AREAS AWAY FROM WETLANDS, FLOODPLAINS, AND WATERWAYS. PREVENT THE DISCHARGE OF SEDIMENT ERODING FROM SOIL STOCKPILES. IF SOIL STOCKPILES WILL BE LEFT FOR MORE THAN 7 DAYS, INSTALL TEMPORARY STABILIZATION MEASURES WITHIN 72 HOURS, AS THE ENGINEER ORDERS AND AS IDENTIFIED IN THE APPROVED ECIP.

WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS, INSTALL TEMPORARY STABILIZATION MEASURES AS THE ENGINEER ORDERS AND AS IDENTIFIED IN THE APPROVED ECIP.RESTORE ANY DISTURBED SOIL OR GRADED AREAS WITHIN 7 CALENDAR DAYS OF DISTURBANCE OR TEMPORARILY SEED AND MULCH AREA WITHIN 72 HOURS OF ANY DISTURBANCE, AS THE ENGINEER ORDERS AND AS IDENTIFIED IN THE APPROVED ECIP.

THE EXACT LOCATION AND WIDTH OF DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. DRIVEWAYS SHALL BE REPLACED IN KIND. COMMERCIAL DRIVEWAYS SHALL BE A MAXIMUM OF 35 FEET WIDE UNLESS SHOWN OTHERWISE IN THE PLANS. ALL RESIDENTIAL DRIVEWAYS SHALL BE A MAXIMUM OF 24 FEET WIDE.

THE PROPOSED SHOULDER WIDTH SHOWN IN THE TYPICAL SECTIONS ARE MINIMUM WIDTH. PERPETUATE EXISTING SHOULDERS THAT ARE WIDER THAN WHAT IS SHOWN IN THE TYPICAL SECTIONS.

SAWCUTS, AS SHOWN ON THE PLANS, ARE SUGGESTED LOCATIONS AND MAY BE ADJUSTED AT THE DISCRETION OF THE ENGINEER TO BETTER SUIT FIELD CONDITIONS.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

DO NOT DRIVE OR STORE EQUIPMENT, OR STORE CONSTRUCTION MATERIALS IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS OR WATERWAYS.

ALL TYPES OF HMA PAVEMENT SHALL BE CONSTRUCTED WITH THE FOLLOWING GRADATIONS, TRAFFIC, BINDER, AND DESIGNATIONS:

TOTAL PAVEMENT LAYER THICKNESS	LAYERS	NOMINAL MAXIMUM AGGREGATE GRADATION	TRAFFIC	ASPHALT BINDER	BINDER DESIGNATION LEVEL
6 1/4"	1 3/4" UPPER	4	MT	58-28	H
	2 1/4" UPPER-LOWER	3	MT	58-28	S
	2 1/4" LOWER-LOWER	3	MT	58-28	S
4"	1 3/4" UPPER	4	MT	58-28	H
	2 1/4" LOWER	3	MT	58-28	S
1 3/4"	1 3/4" UPPER	4	MT	58-28	H

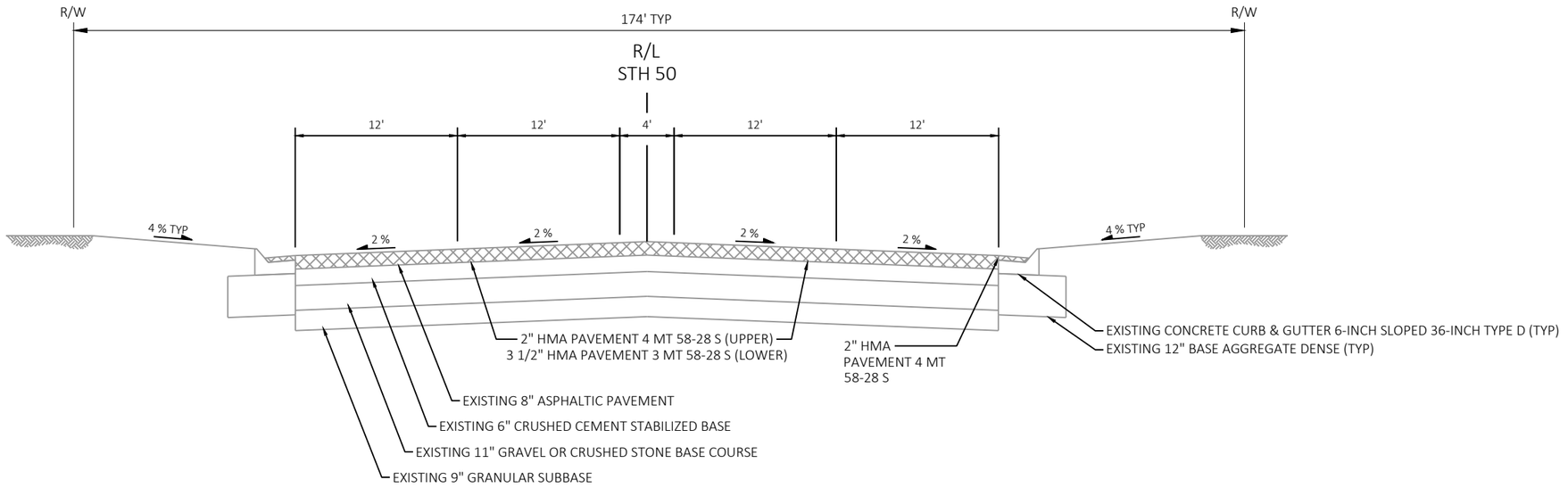


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 01-po

PLOT DATE : 8/3/2026 10:52 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:500 FT

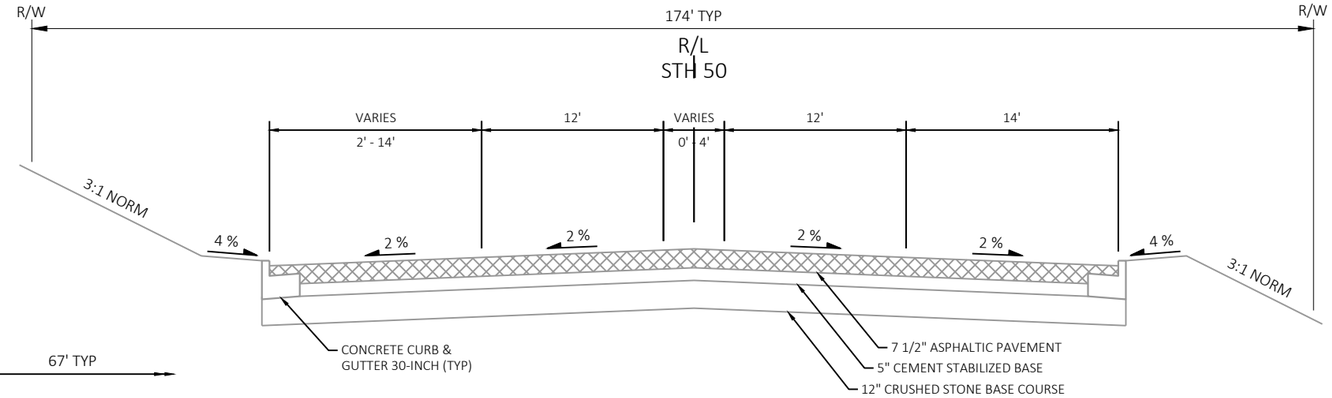
WISDOT/CADDS SHEET 42



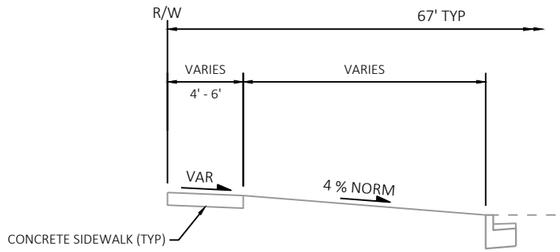
EXISTING TYPICAL SECTION

STH 50

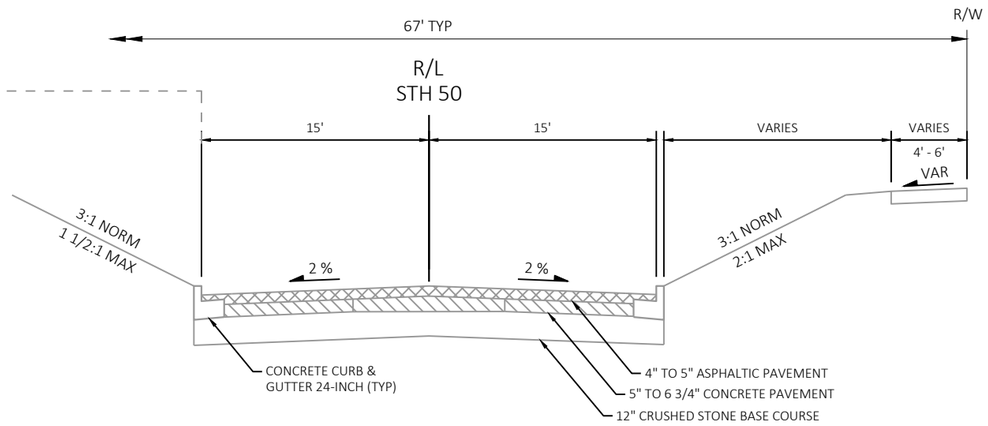
STA 618+50 - STA 620+32



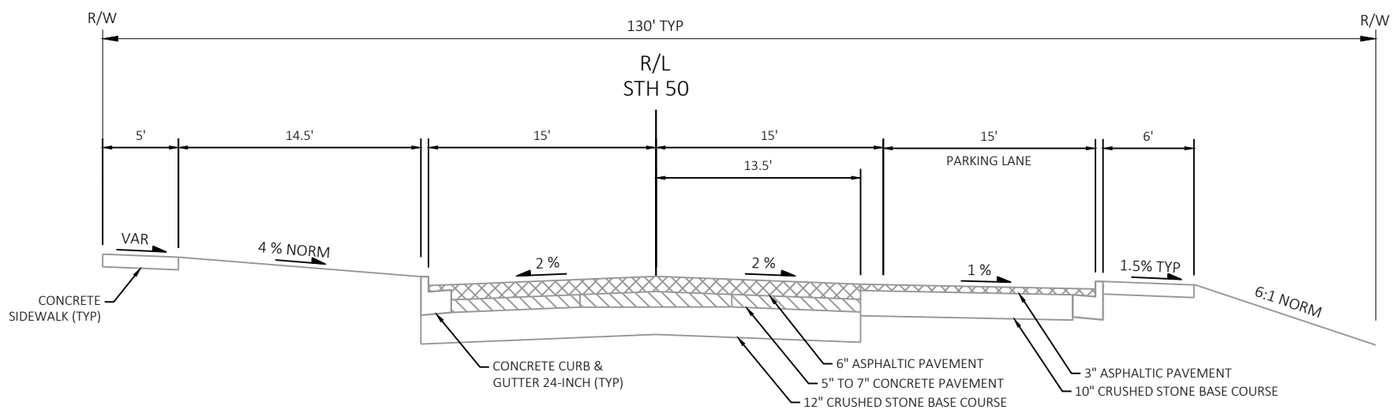
EXISTING TYPICAL SECTION
STH 50
STA 620+32 - STA 626+86



SIDEWALK SECTION
STA 639+30 - STA 647+88 LT

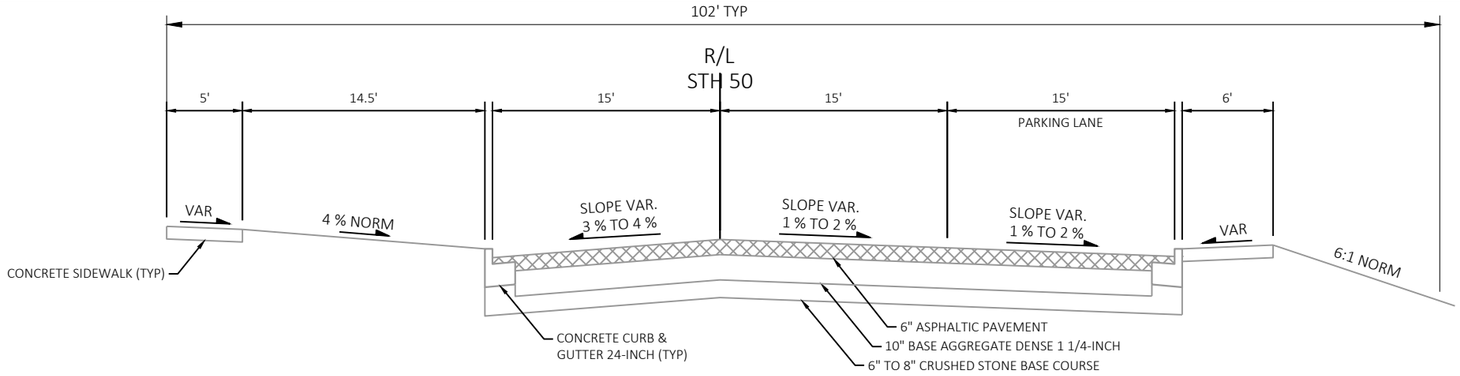


EXISTING TYPICAL SECTION
STH 50
STA 626+86 - STA 647+88

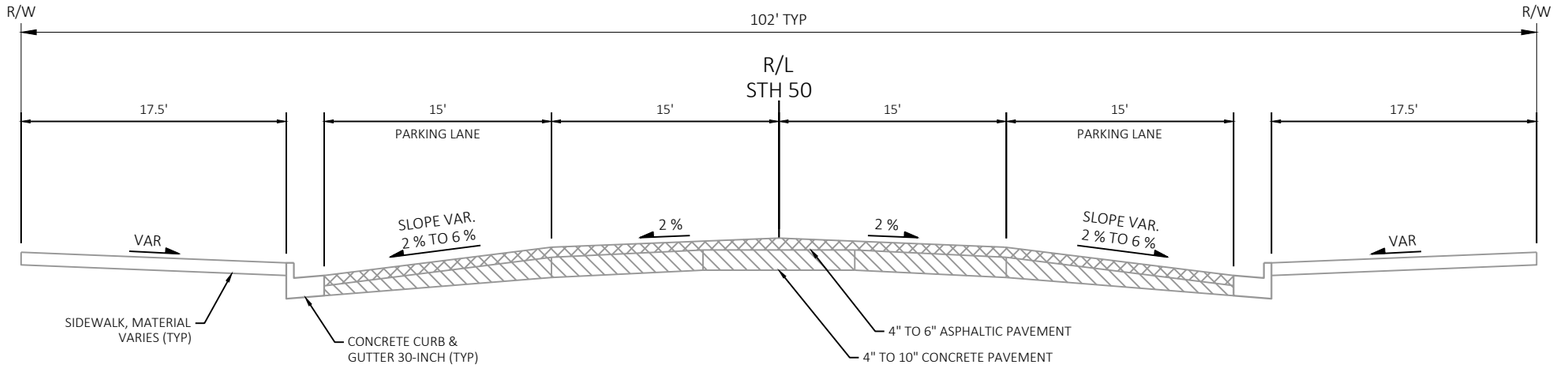


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STH 50
STA 647+88 - STA 652+47

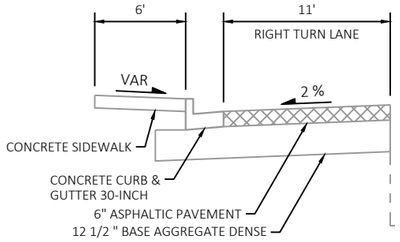
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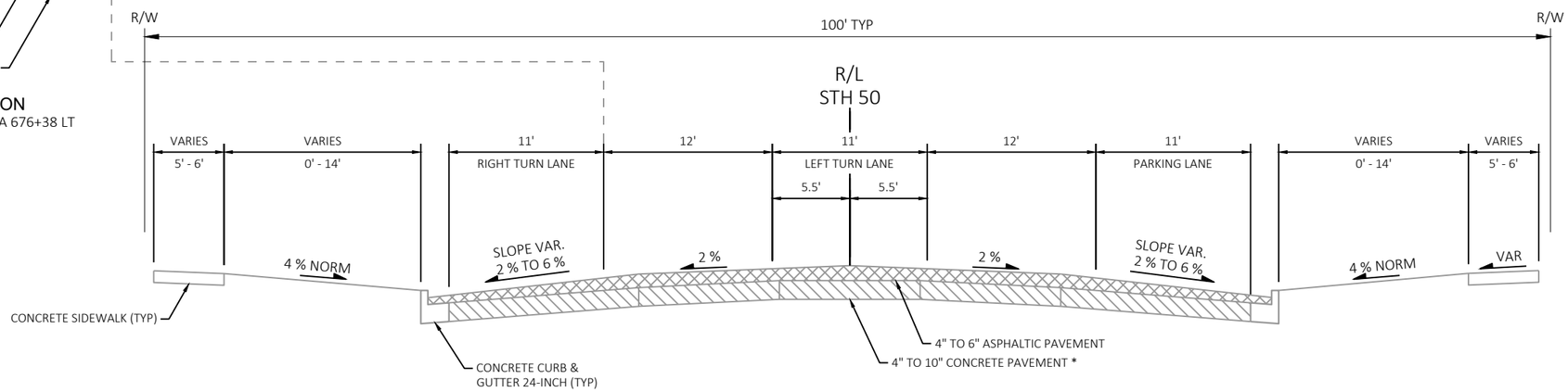
EXISTING TYPICAL SECTION
STH 50
STA 652+47 - STA 661+17



EXISTING TYPICAL SECTION
STH 50
STA 661+17 - STA 670+60



SECTION
STA 675+87 - STA 676+38 LT

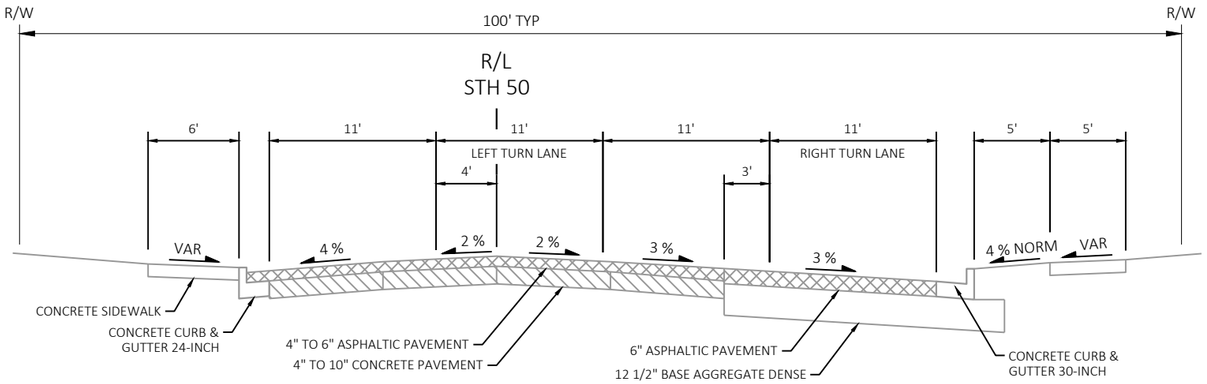


EXISTING TYPICAL SECTION
STH 50
STA 670+60 - STA 676+38

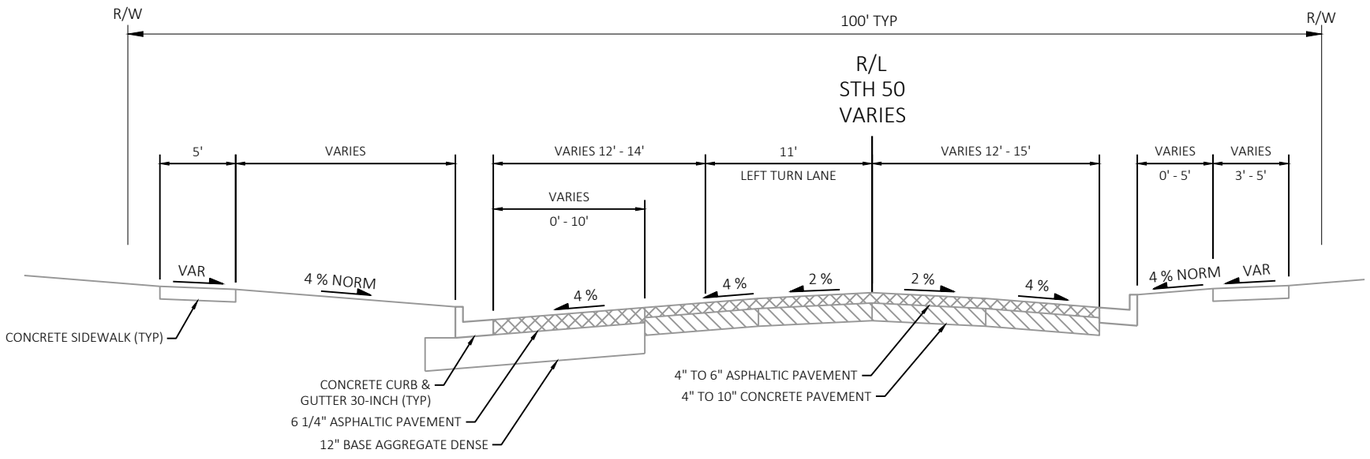
* 6" HMA OVER 12.5" BASE AGGREGATE DENSE OVER BOX CULVERT FROM STA 675+00 TO STA 675+55

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EXISTING TYPICAL SECTIONS	SHEET 6	E

2

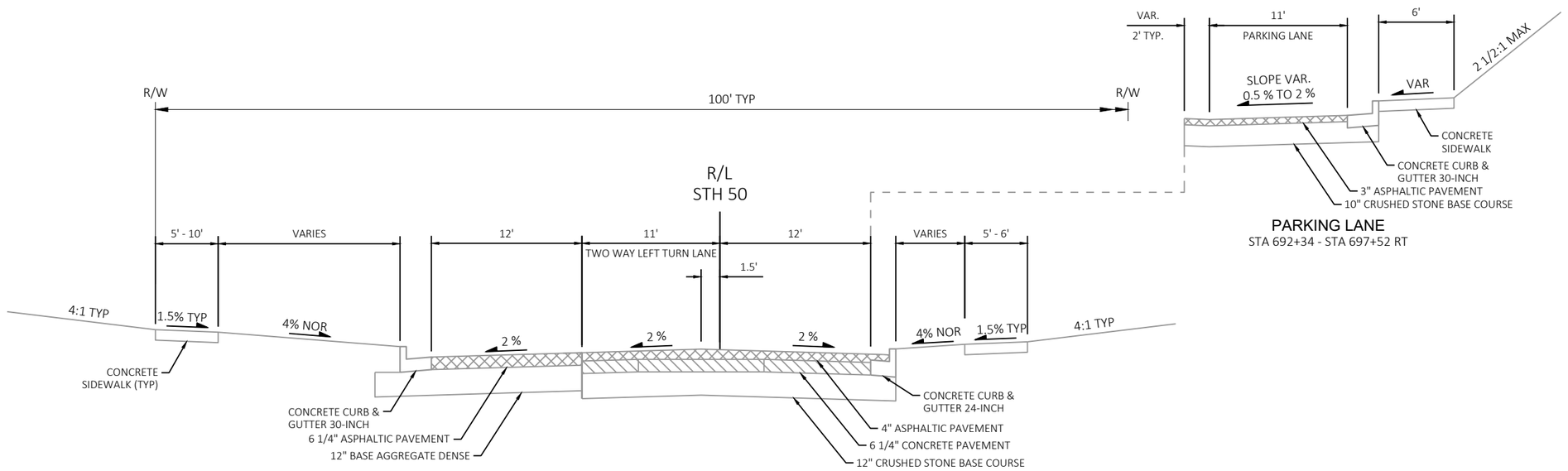


EXISTING TYPICAL SECTION
STH 50
STA 676+38 - STA 679+22



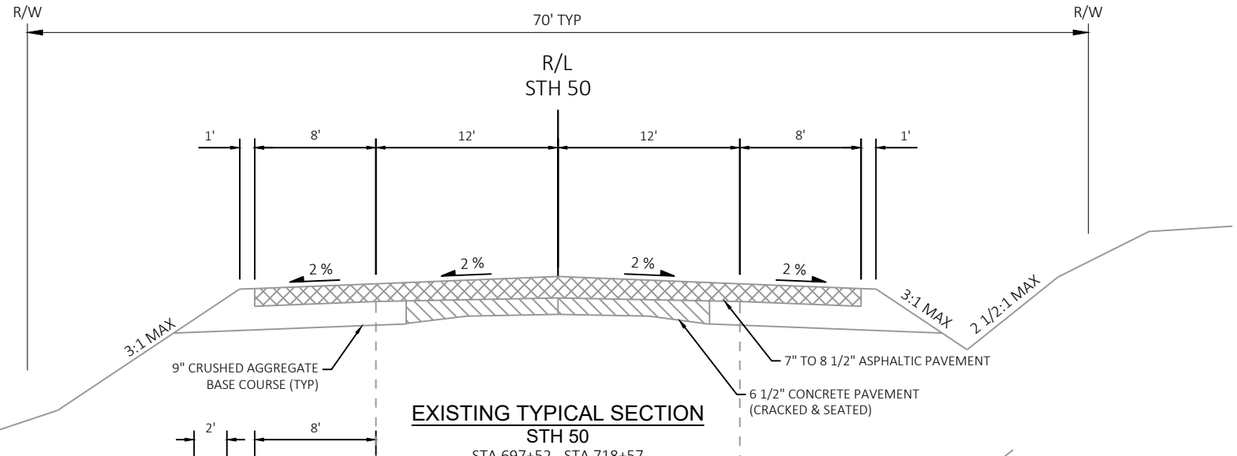
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STH 50
STA 679+22 - STA 682+77

2

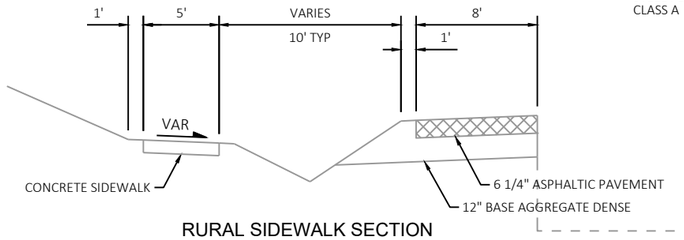


EXISTING TYPICAL SECTION
STH 50
STA 682+77 - STA 697+52

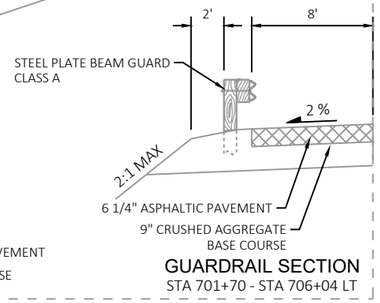
PARKING LANE
STA 692+34 - STA 697+52 RT



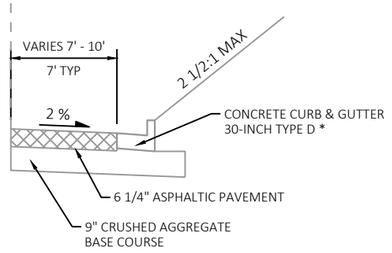
EXISTING TYPICAL SECTION
STH 50
STA 697+52 - STA 718+57



RURAL SIDEWALK SECTION
STA 715+51 - STA 718+57 LT



GUARDRAIL SECTION
STA 701+70 - STA 706+04 LT

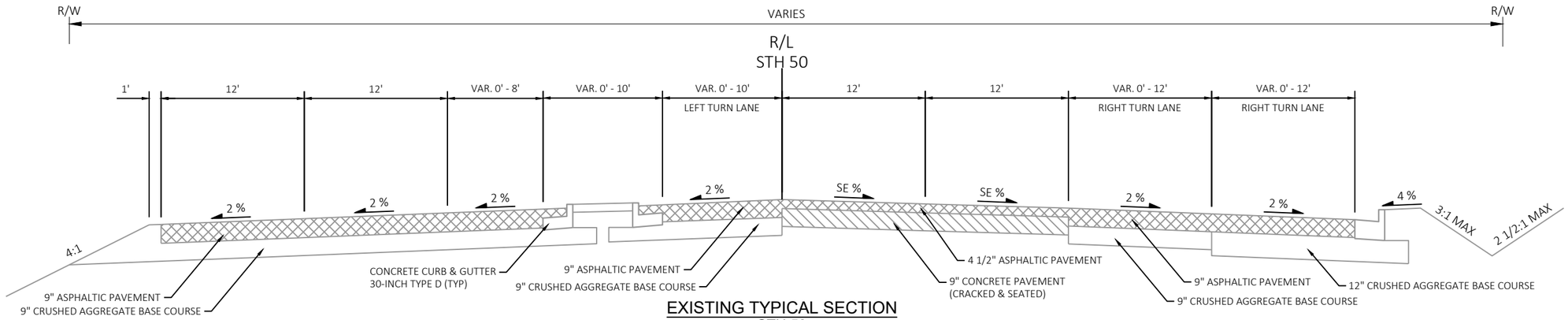


URBAN SHOULDER
STA 697+52 - STA 699+75 RT
STA 705+73 - STA 712+97 RT
STA 708+93 - STA 713+93 LT

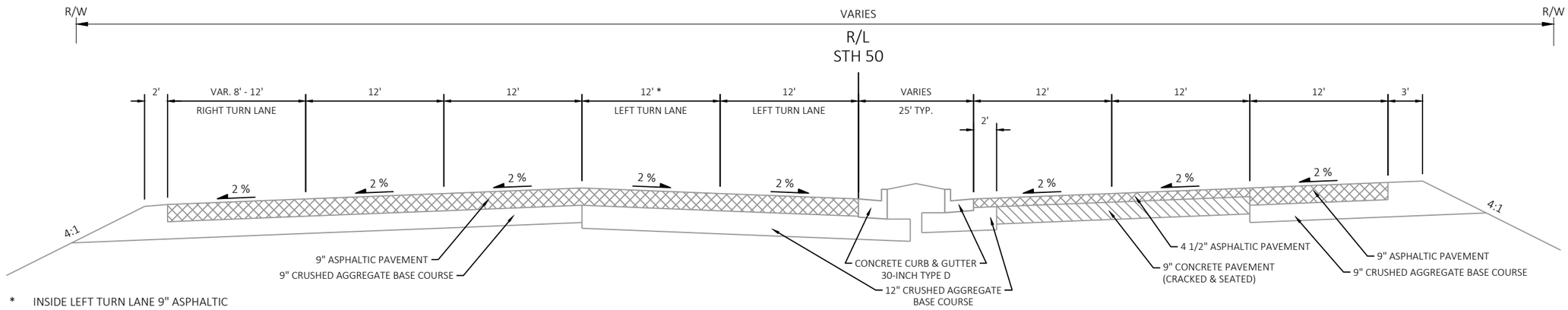
* GUTTER OVERLAID FROM
STA 709+21 TO STA 712+97 RT &
STA 711+57 TO STA 713+93 LT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EXISTING TYPICAL SECTIONS	SHEET 8	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\020301-ETS.DWG
LAYOUT NAME - 05-ets
PLOT DATE : 7/28/2026 7:55 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

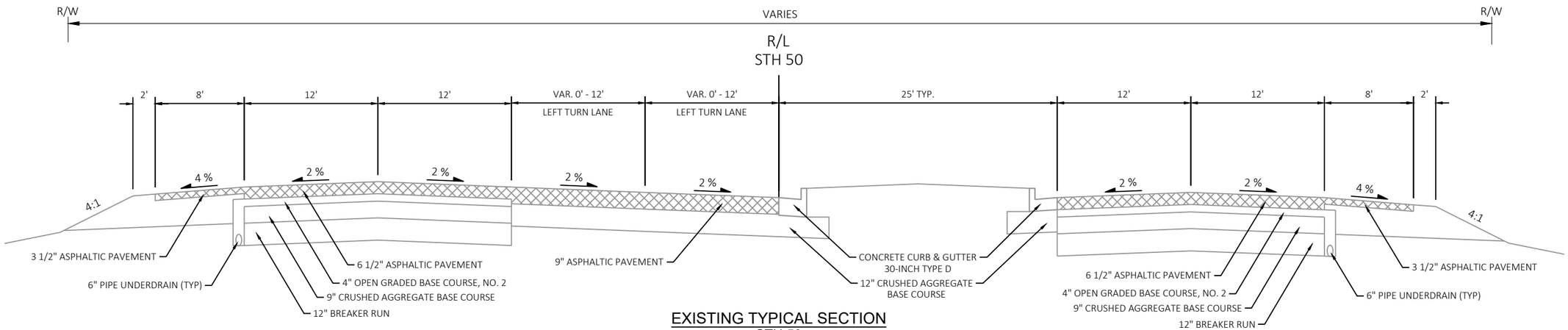


EXISTING TYPICAL SECTION
STH 50
STA 718+57 - STA 723+65



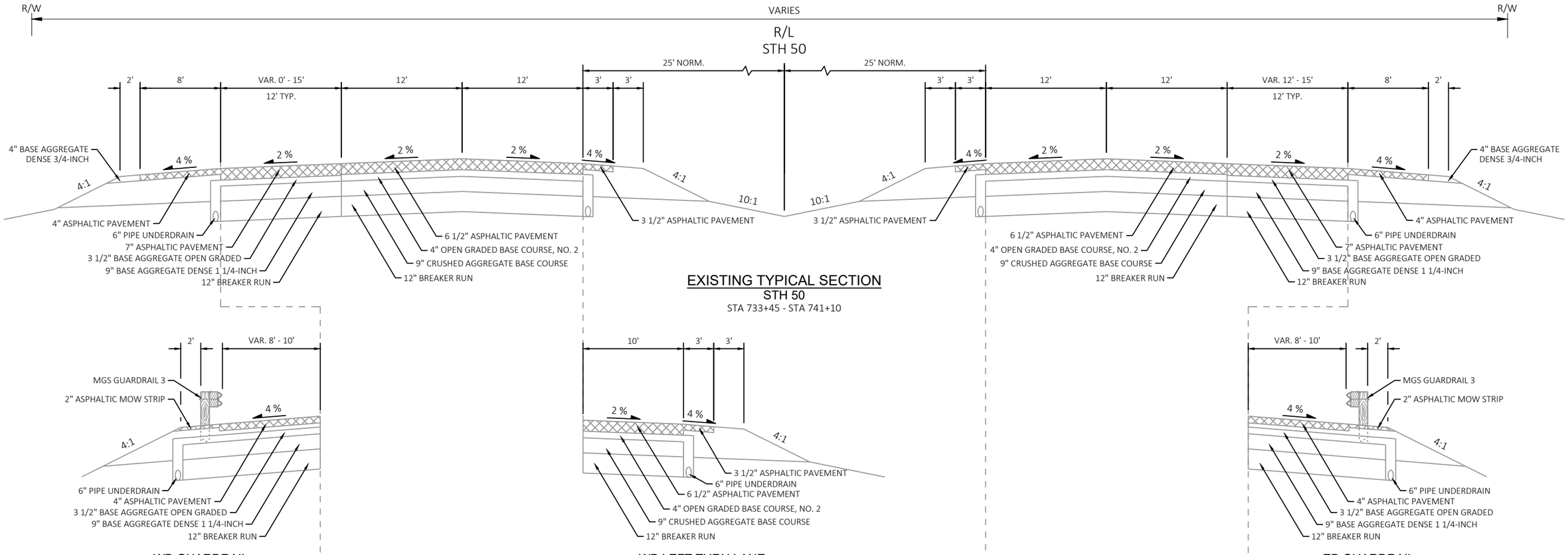
* INSIDE LEFT TURN LANE 9" ASPHALTIC PAVEMENT OVER 9" CRUSHED AGGREGATE BASE COURSE AT 2% SLOPE AWAY FROM MEDIAN FROM STA 723+65 TO STA 726+00 LT

EXISTING TYPICAL SECTION
STH 50
STA 723+65 - STA 727+50



EXISTING TYPICAL SECTION
STH 50
STA 727+50 - STA 733+45

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EXISTING TYPICAL SECTIONS	SHEET 9	E

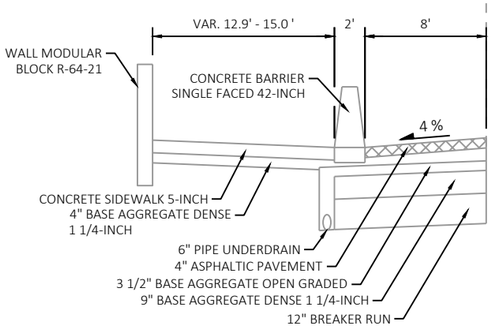


EXISTING TYPICAL SECTION
STH 50
STA 733+45 - STA 741+10

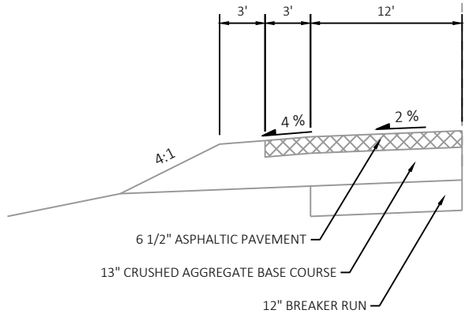
WB GUARDRAIL
STA 733+45 - STA 735+82 LT
STA 739+25 - STA 740+48 LT

WB LEFT TURN LANE
STA 733+45 - STA 736+98 LT

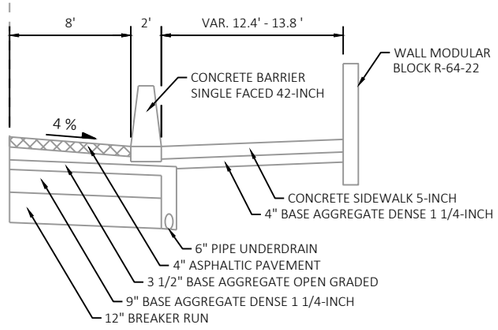
EB GUARDRAIL
STA 736+80 - STA 738+01 RT



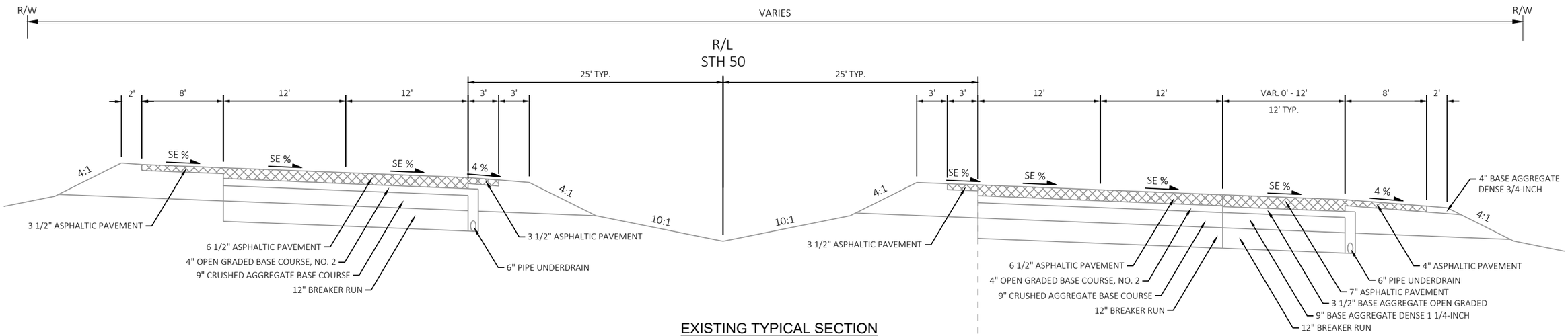
WB BARRIER
STA 737+57 - STA 739+25 LT



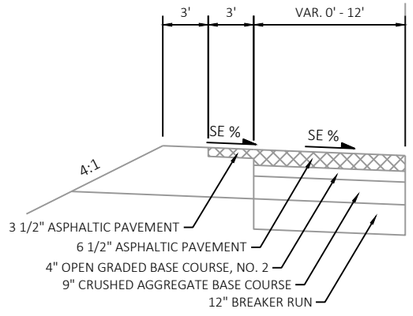
EB LEFT TURN LANE
STA 739+60 - STA 741+10 RT



EB BARRIER
STA 738+01 - STA 739+70 RT

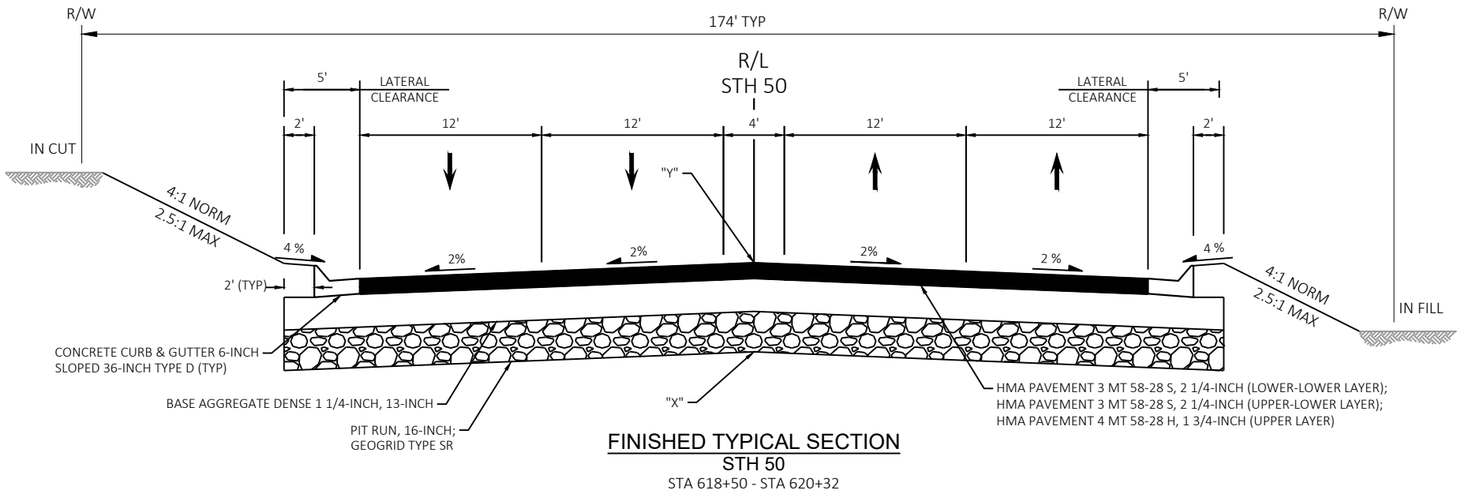


EXISTING TYPICAL SECTION
STH 50
STA 741+10 - STA 750+86

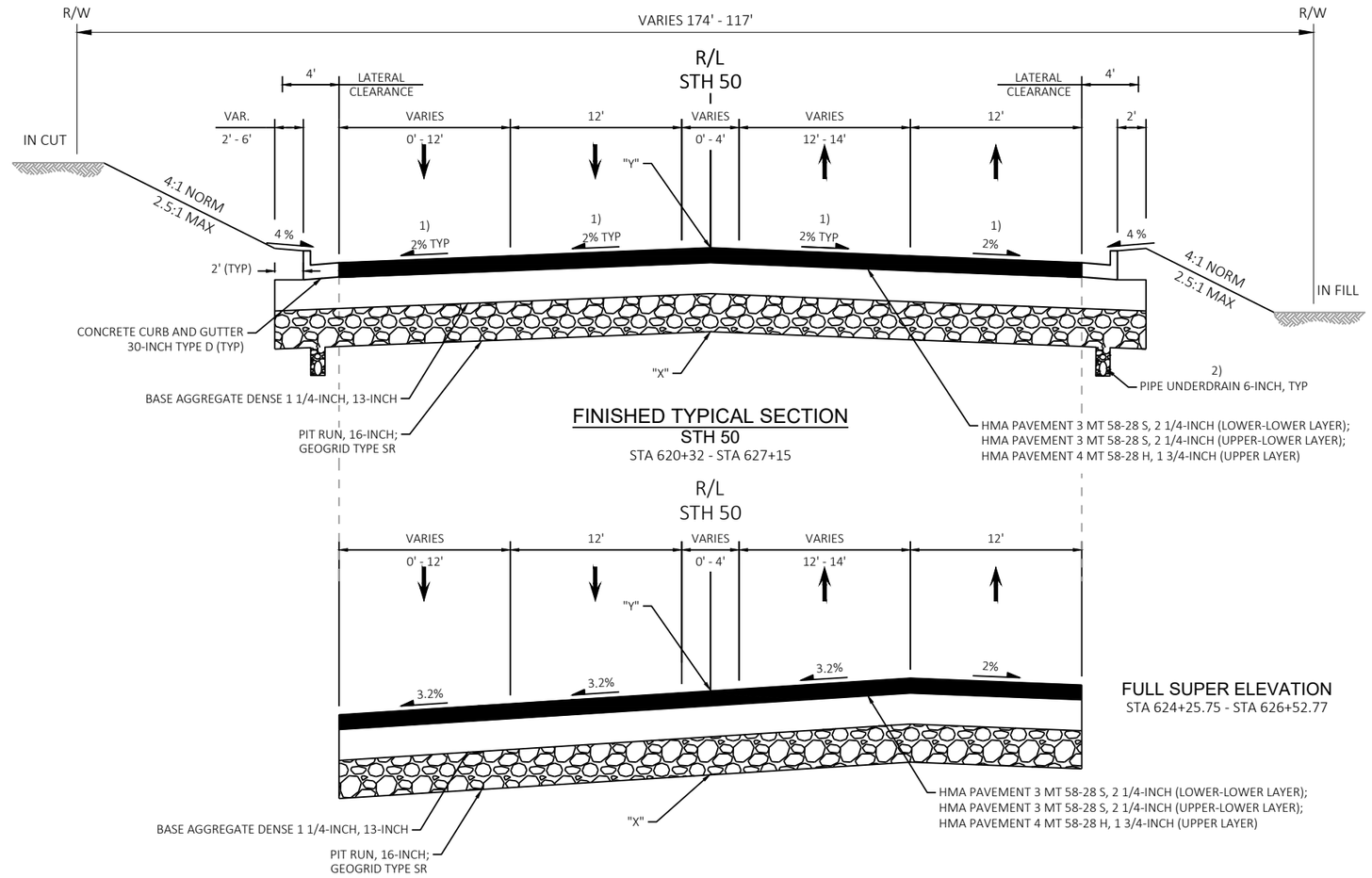


EB LEFT TURN LANE
STA 741+10 - STA 745+63 RT
STA 747+30 - STA 750+74 RT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EXISTING TYPICAL SECTIONS	SHEET 11	E



FINISHED TYPICAL SECTION
STH 50
STA 618+50 - STA 620+32



FINISHED TYPICAL SECTION
STH 50
STA 620+32 - STA 627+15

FULL SUPER ELEVATION
STA 624+25.75 - STA 626+52.77

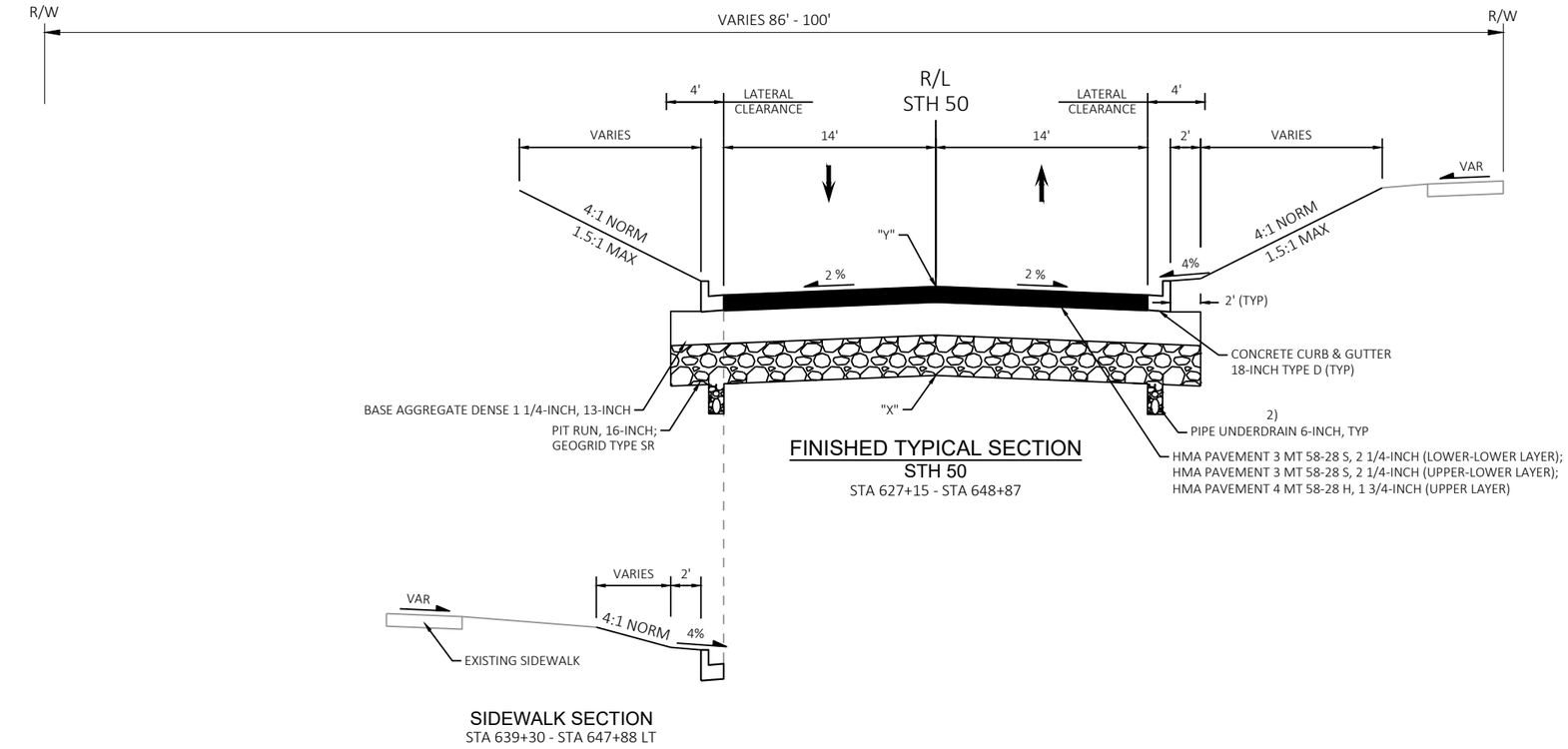
NOTES

1) SEE ALIGNMENT PLAN FOR SUPERELEVATION RATES AND TRANSITION STATIONS.
2) SEE PLAN DETAILS FOR LOCATION OF UNDERDRAIN.

"X" = POINT REFERRED TO ON CROSS-SECTIONS

"Y" = POINT REFERRED TO ON PROFILE

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	FINISHED TYPICAL SECTIONS	SHEET 12	E



FINISHED TYPICAL SECTION
STH 50
STA 627+15 - STA 648+87

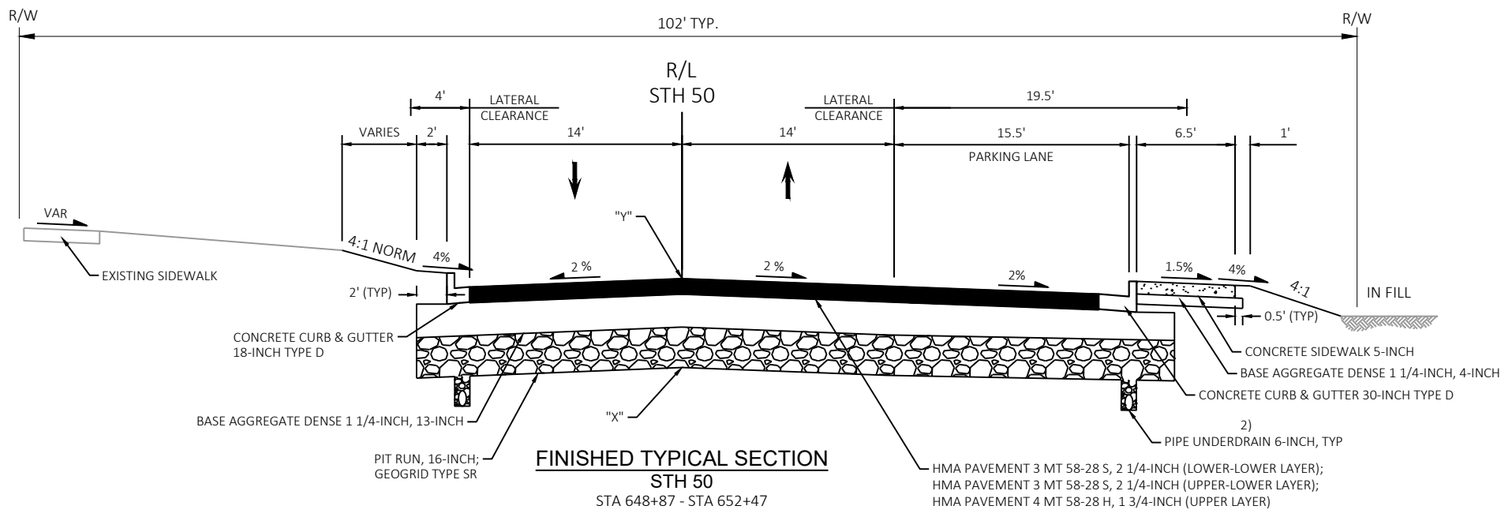
SIDEWALK SECTION
STA 639+30 - STA 647+88 LT

NOTES

2) SEE PLAN DETAILS FOR LOCATION OF UNDERDRAIN.

"X" = POINT REFERRED TO ON CROSS-SECTIONS

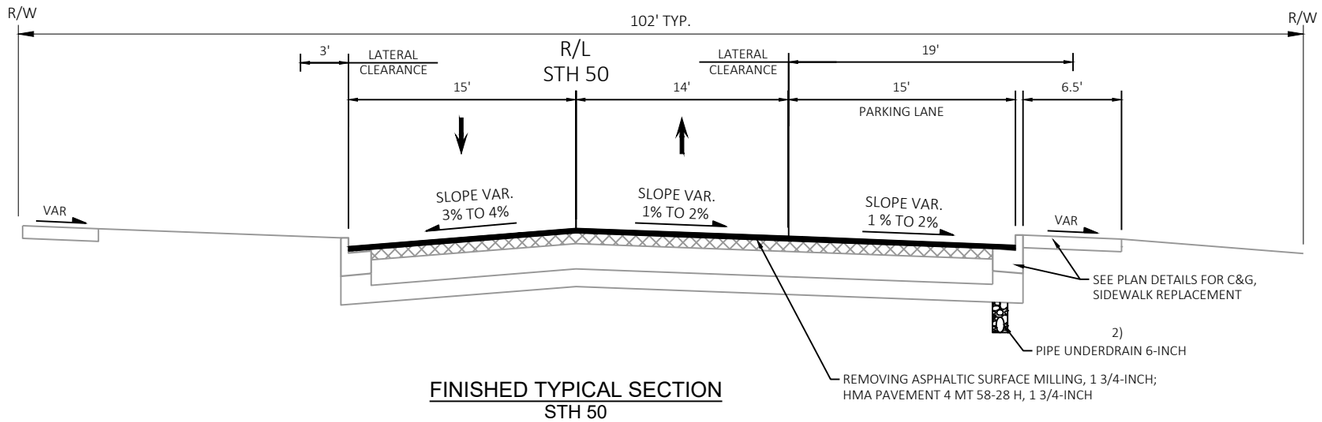
"Y" = POINT REFERRED TO ON PROFILE



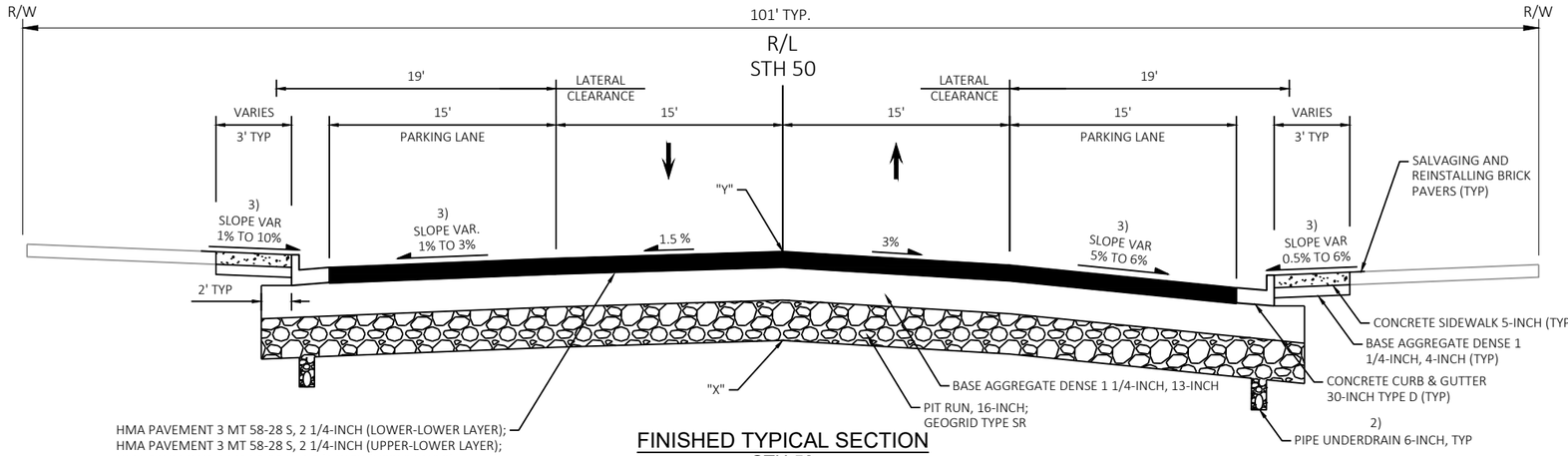
FINISHED TYPICAL SECTION
STH 50
STA 648+87 - STA 652+47

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	FINISHED TYPICAL SECTIONS	SHEET 13	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\020401-FTS.DWG
LAYOUT NAME - 02-fts
PLOT DATE : 10/4/2026 10:18 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



FINISHED TYPICAL SECTION
STH 50
STA 652+47 - STA 661+17



FINISHED TYPICAL SECTION
STH 50
STA 661+17 - STA 666+07

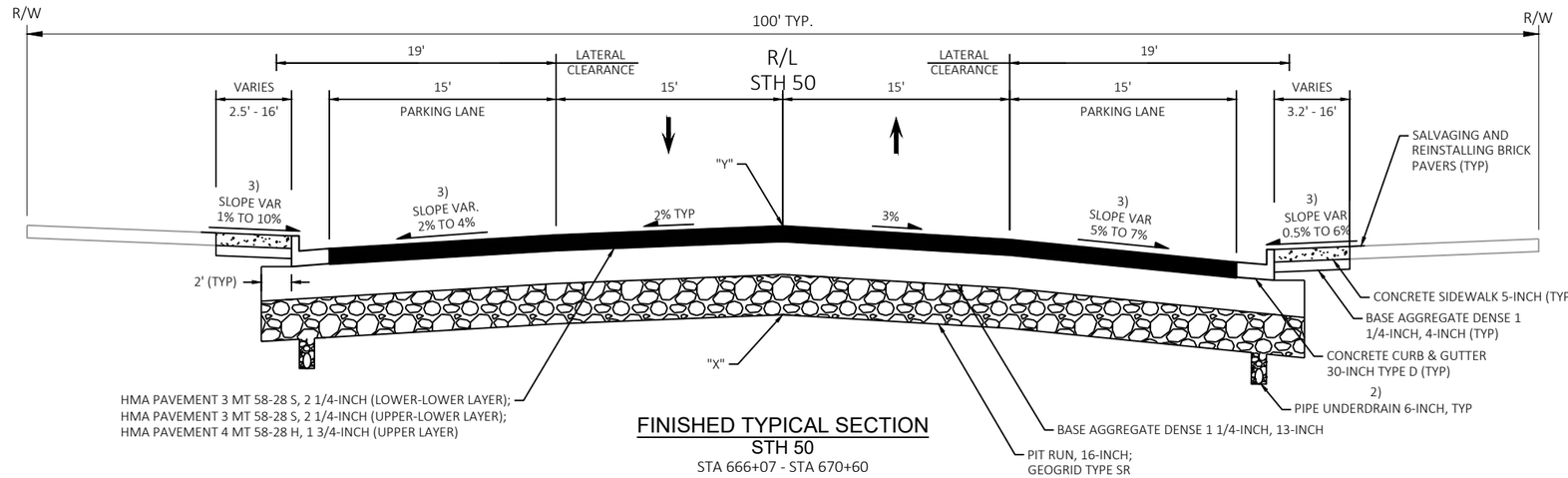
NOTES

2) SEE PLAN DETAILS FOR LOCATION OF UNDERDRAIN.

3) SEE CROSS SECTIONS FOR VARYING SLOPES IN PARKING LANES AND SIDEWALK.

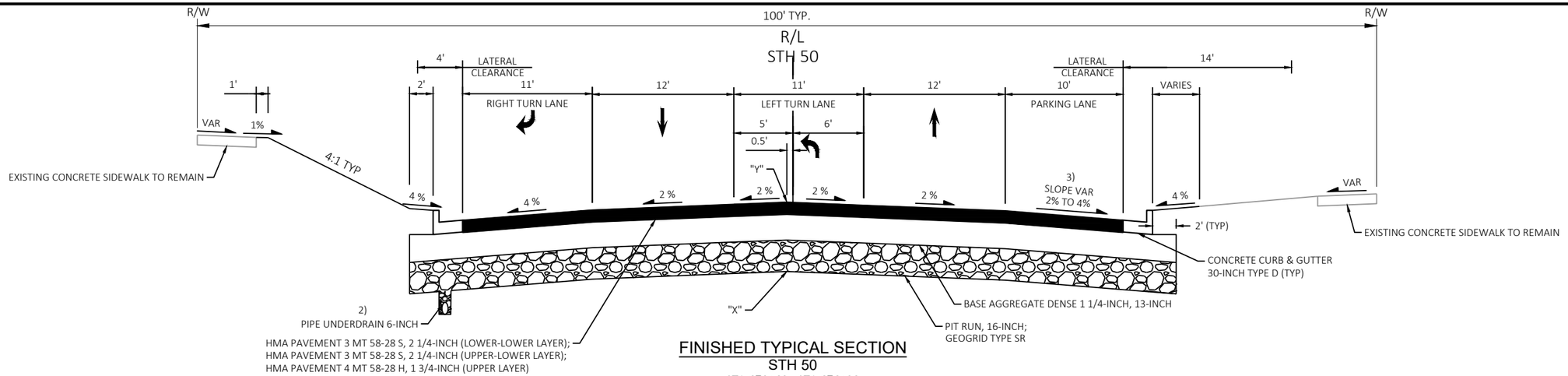
"X" = POINT REFERRED TO ON CROSS-SECTIONS

"Y" = POINT REFERRED TO ON PROFILE

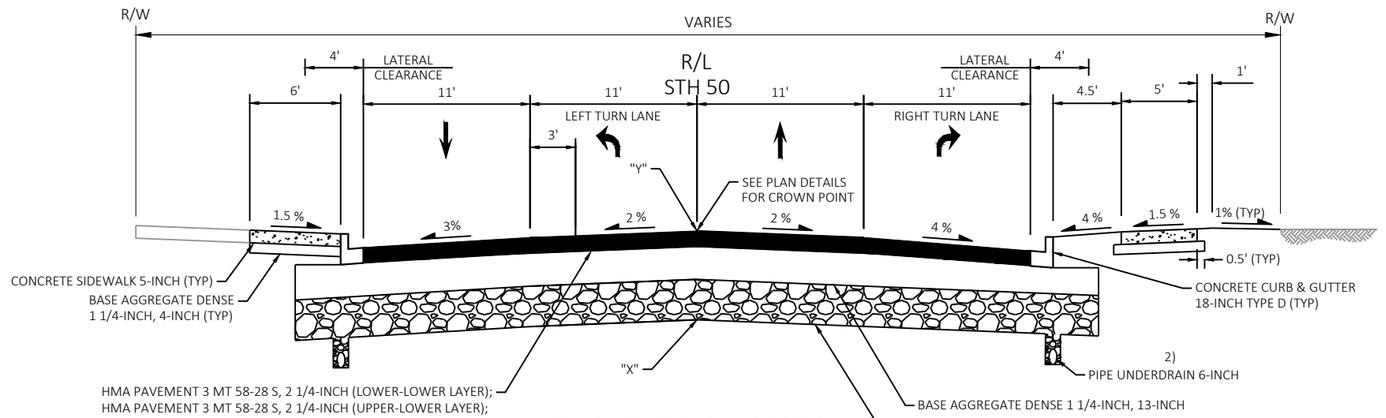


FINISHED TYPICAL SECTION
STH 50
STA 666+07 - STA 670+60

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	FINISHED TYPICAL SECTIONS	SHEET 14	E



FINISHED TYPICAL SECTION
STH 50
STA 670+60 - STA 676+38



FINISHED TYPICAL SECTION
STH 50
STA 676+38 - STA 679+22

NOTES

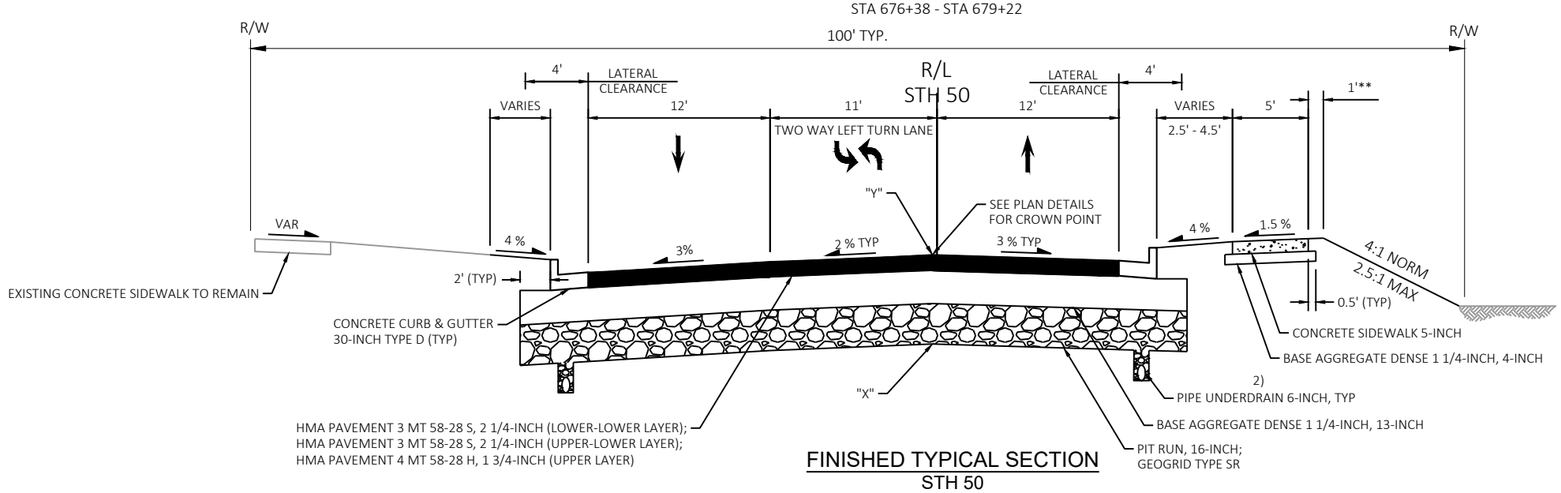
2) SEE PLAN DETAILS FOR LOCATION OF UNDERDRAIN.

3) SEE CROSS SECTIONS FOR VARYING SLOPES IN PARKING LANES AND SIDEWALK.

"X" = POINT REFERRED TO ON CROSS-SECTIONS

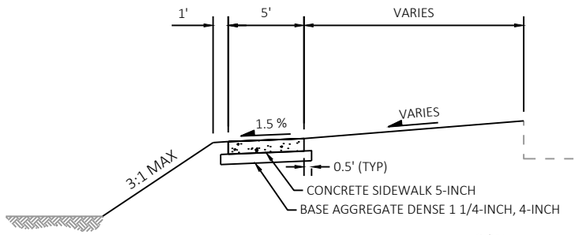
"Y" = POINT REFERRED TO ON PROFILE

** OUTSIDE TERRACE SLOPE TO BE +1.5% IN CUT SECTIONS AND -1.5% IN FILL SECTIONS

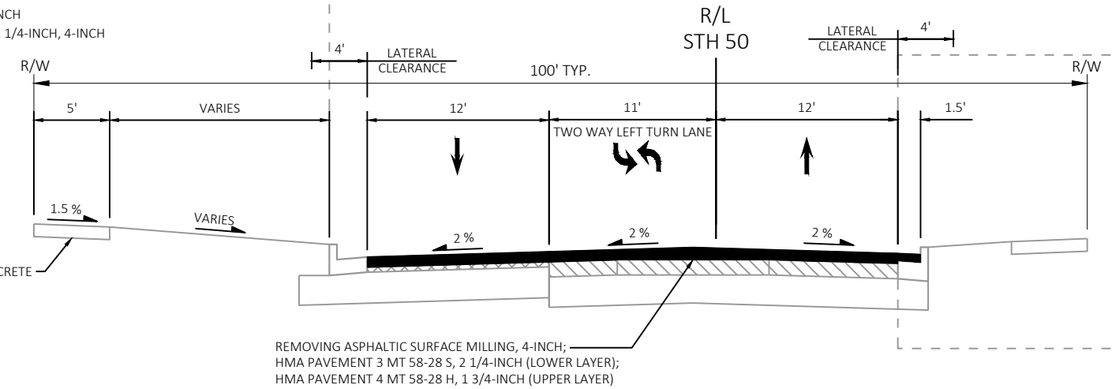


FINISHED TYPICAL SECTION
STH 50
STA 679+22 - STA 682+76

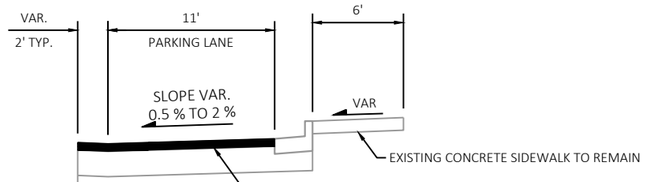
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	FINISHED TYPICAL SECTIONS	SHEET 15	E



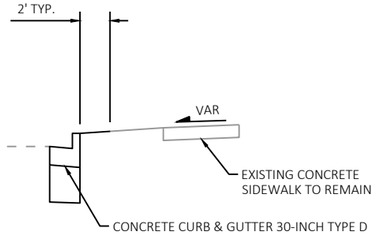
SIDEWALK REPLACEMENT
STA 695+02 - STA 697+52 LT



FINISHED TYPICAL SECTION
STH 50
STA 682+76 - STA 697+52



PARKING LANE LANE
STA 692+34 - STA 697+52 RT

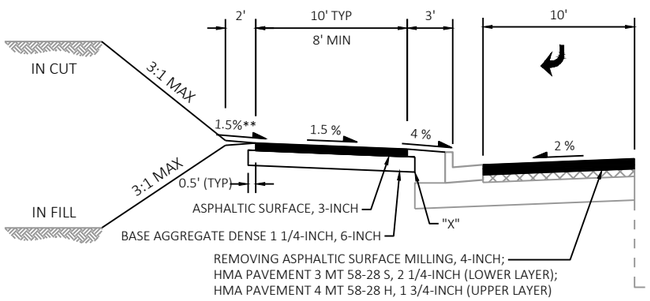


CURB & GUTTER REPLACEMENT
STA 684+35 - STA 687+49 RT
STA 688+37 - STA 691+51 RT

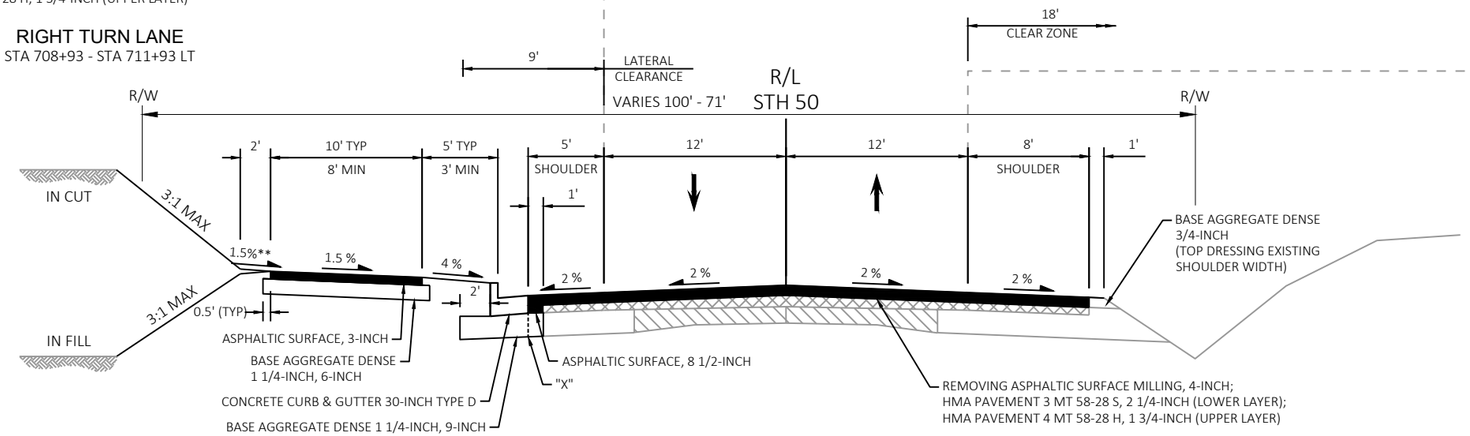
NOTES

"X" = POINT REFERRED TO ON CROSS-SECTIONS

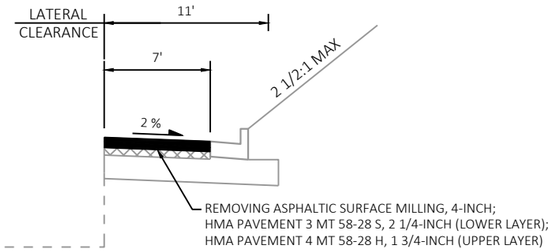
** OUTSIDE TERRACE SLOPE TO BE +1.5% IN CUT SECTIONS AND -1.5% IN FILL SECTIONS



RIGHT TURN LANE
STA 708+93 - STA 711+93 LT



FINISHED TYPICAL SECTION
STH 50
STA 697+52 - STA 718+57

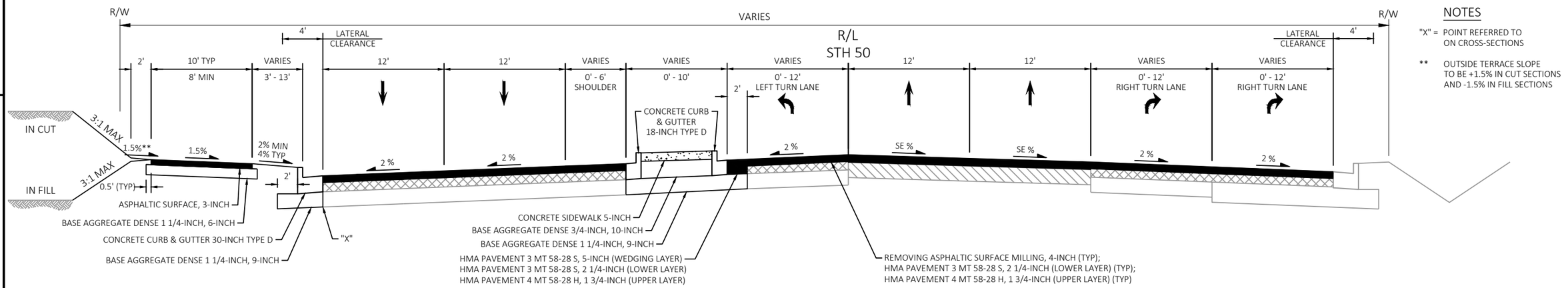


URBAN SHOULDER
STA 697+52 - STA 699+75 RT
STA 705+73 - STA 712+97 RT*

* EXISTING GUTTER OVERLAID FROM STA 709+21 TO STA 712+97 RT; TO BE PERPETUATED

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	FINISHED TYPICAL SECTIONS	SHEET 16	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\020401-FTS.DWG
LAYOUT NAME - 05-fts
PLOT DATE : 10/4/2026 10:18 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

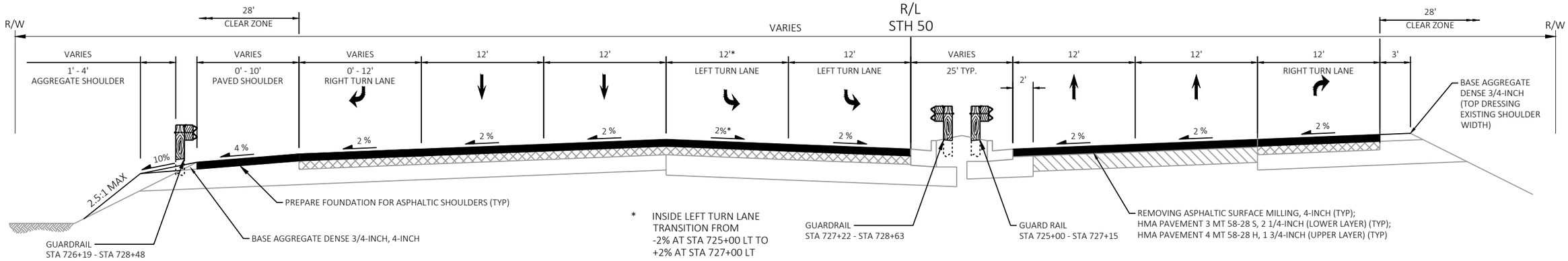


NOTES

"X" = POINT REFERRED TO ON CROSS-SECTIONS

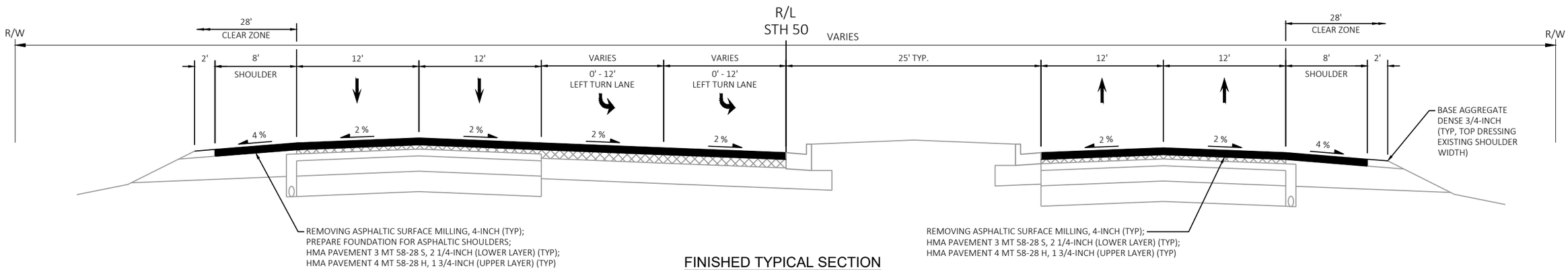
** OUTSIDE TERRACE SLOPE TO BE +1.5% IN CUT SECTIONS AND -1.5% IN FILL SECTIONS

FINISHED TYPICAL SECTION
STH 50
STA 718+57 - STA 723+65



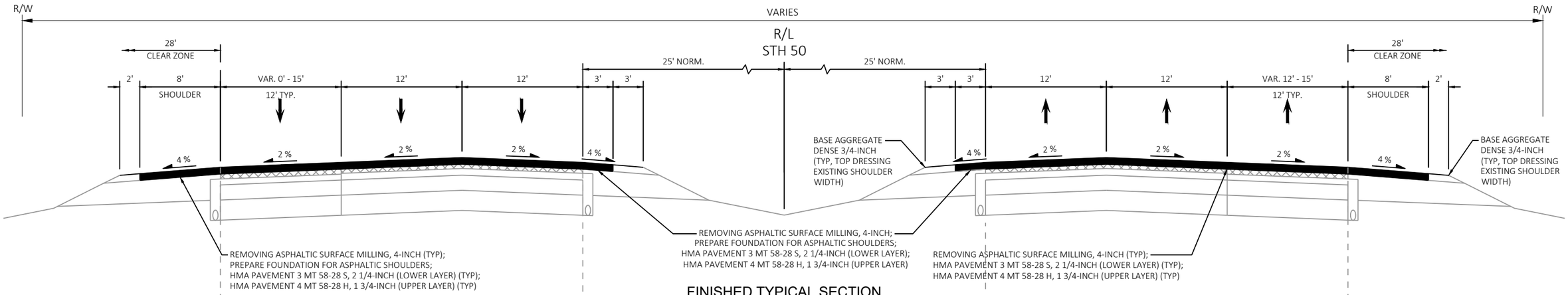
* INSIDE LEFT TURN LANE TRANSITION FROM -2% AT STA 725+00 LT TO +2% AT STA 727+00 LT

FINISHED TYPICAL SECTION
STH 50
STA 723+65 - STA 727+50

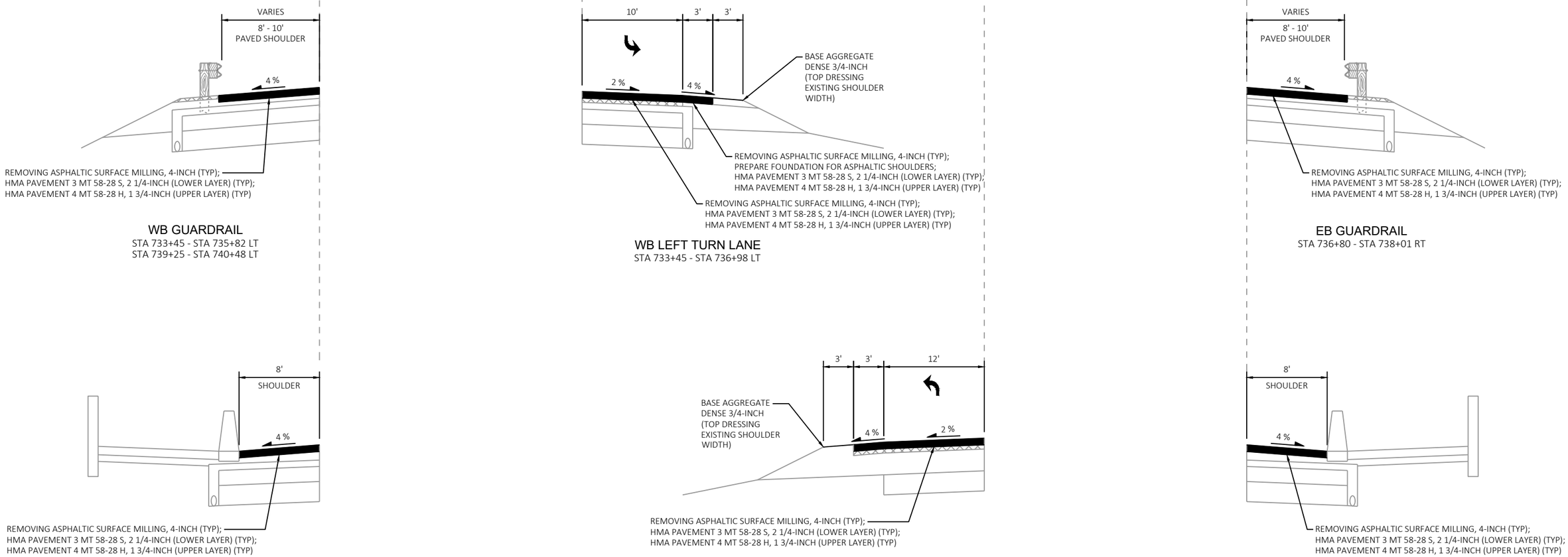


FINISHED TYPICAL SECTION
STH 50
STA 727+50 - STA 733+45

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	FINISHED TYPICAL SECTIONS	SHEET 17	E



FINISHED TYPICAL SECTION
STH 50
STA 733+45 - STA 741+40



WB GUARDRAIL
STA 733+45 - STA 735+82 LT
STA 739+25 - STA 740+48 LT

WB LEFT TURN LANE
STA 733+45 - STA 736+98 LT

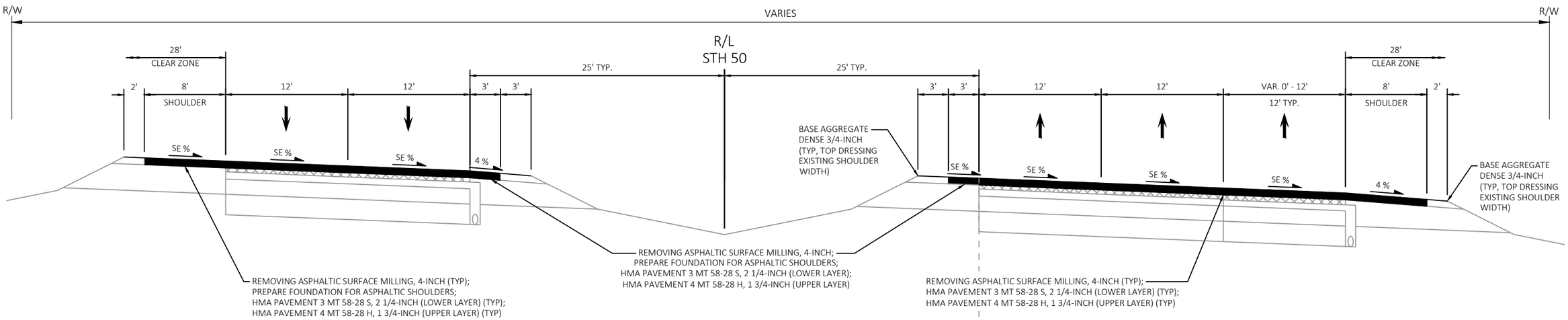
EB GUARDRAIL
STA 736+80 - STA 738+01 RT

WB BARRIER
STA 737+57 - STA 739+25 LT

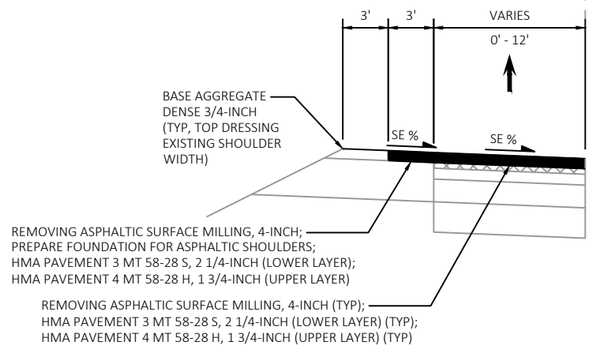
EB LEFT TURN LANE
STA 739+60 - STA 741+10 RT

EB BARRIER
STA 738+01 - STA 739+70 RT

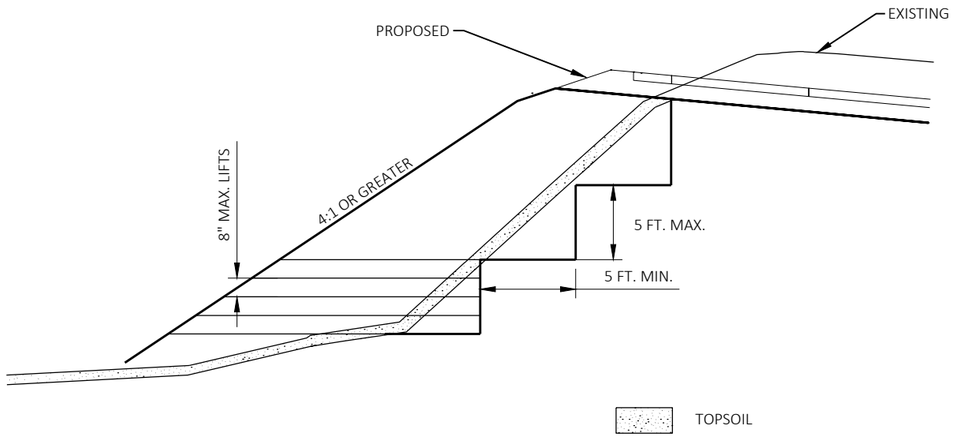
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	FINISHED TYPICAL SECTIONS	SHEET 18	E



FINISHED TYPICAL SECTION
STH 50
STA 741+10 - STA 750+74

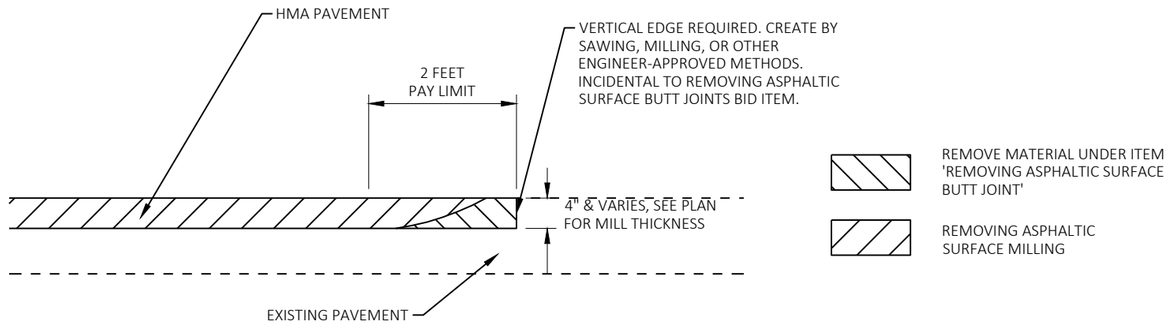


EB LEFT TURN LANE
STA 741+10 - STA 745+63 RT
STA 747+30 - STA 750+74 RT

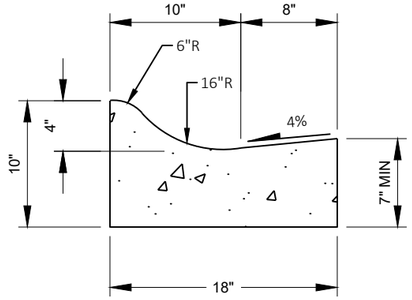


BENCH CONSTRUCTION DETAIL

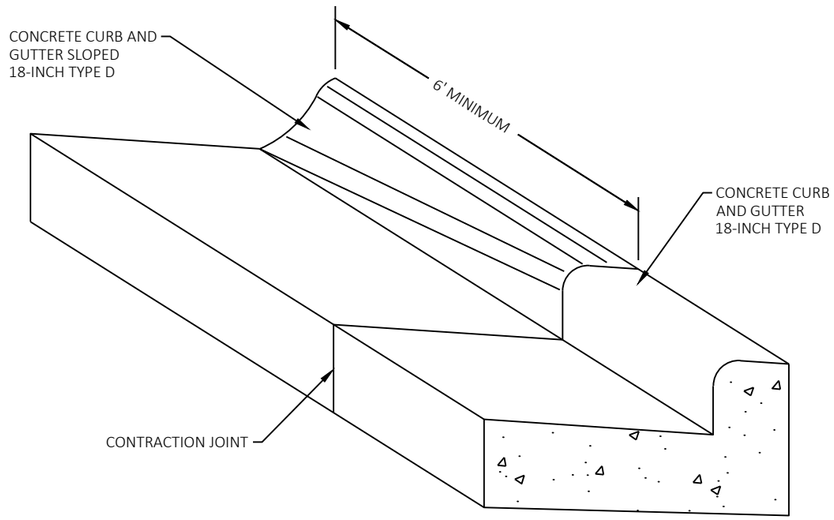
SER (20180101)



BUTT JOINT WITH NO CHANGE IN PROFILE DETAIL



CONCRETE CURB & GUTTER SLOPED 18-INCH TYPE D DETAIL
SECTION VIEW

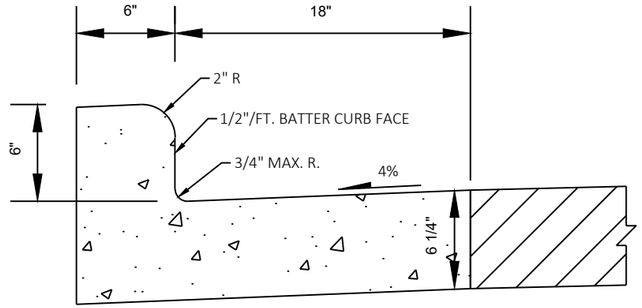


LOCATIONS/DRIVEWAYS

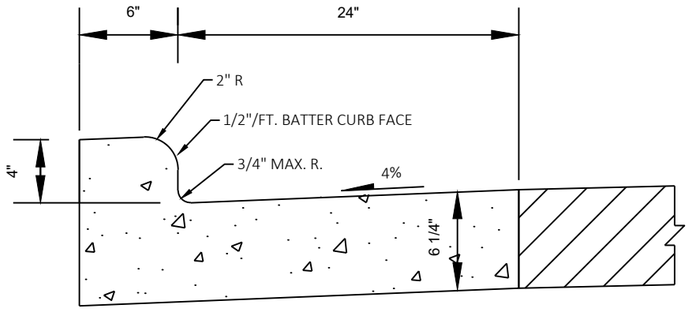
- STA 622+35 LT
- STA 623+20 LT
- STA 640+33 RT
- STA 640+82 RT
- STA 641+38 RT
- STA 642+74 RT
- STA 643+15 RT
- STA 643+79 RT
- STA 645+75 RT
- STA 645+84 RT
- STA 646+44 RT

TRANSITION FROM FULL CURB HEAD TO SLOPED CURB

TO BE MEASURED AND PAID FOR AS CONCRETE CURB & GUTTER 18-INCH TYPE D



CONCRETE CURB & GUTTER 24-INCH TYPE D DETAIL

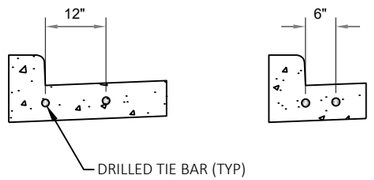


NOTE

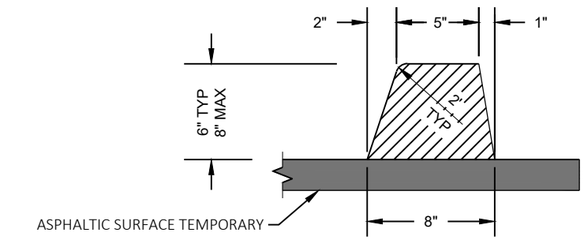
- SEE PLAN DETAILS FOR LOCATIONS.

CONCRETE CURB & GUTTER 30-INCH TYPE D (4-INCH CURB HEAD) DETAIL

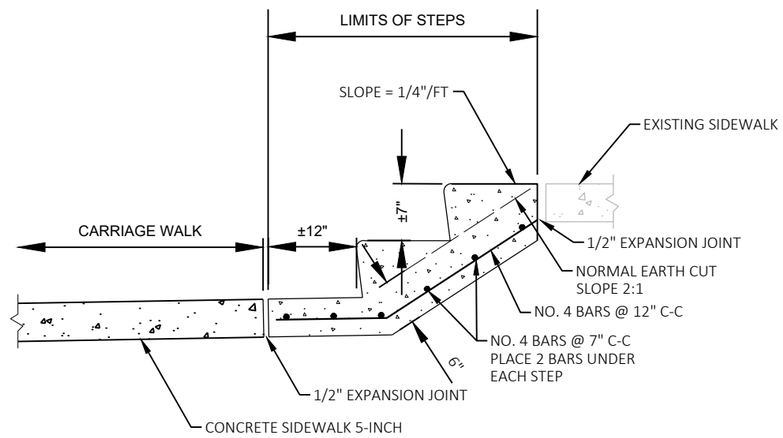
TO BE MEASURED AND PAID FOR AS CONCRETE CURB & GUTTER 30-INCH TYPE D



DRILLED TIE BARS AT CURB & GUTTER MATCH POINTS DETAIL



ASPHALTIC CURB DETAIL



CONCRETE STEPS DETAIL

STA 691+84 RT

LEGEND

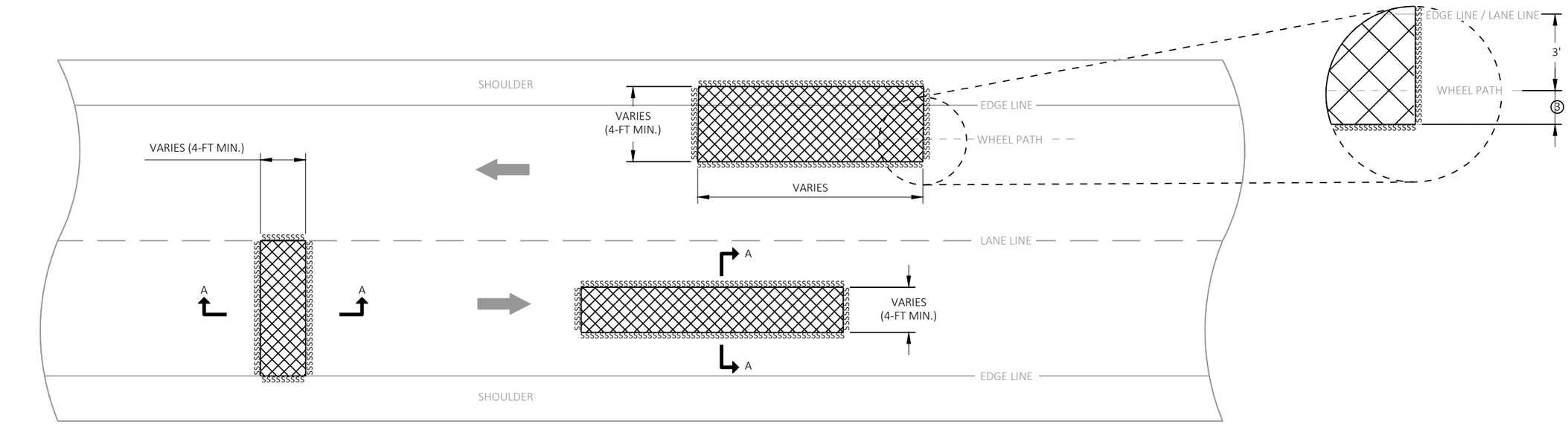
ASPHALTIC REPAIR

SSSSSS VERTICAL MILLED EDGE
SAW CUTTING AT THE CONTRACTORS DISCRETION

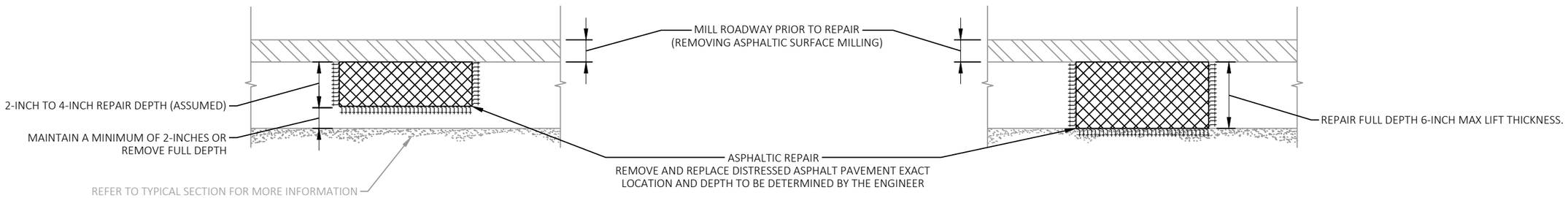
TTTTTTT TACK COAT

GENERAL NOTES

1. EXACT LOCATION, DEPTH AND SIZE OF REPAIR TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. MILL PAVEMENT PER PLAN PRIOR TO MAKING ASPHALTIC REPAIR.
3. LOCATE LONGITUDINAL REPAIR JOINTS OUTSIDE OF WHEEL PATH. 12-INCH MINIMUM (24-INCH RECOMMENDED) FROM THE CENTER OF THE WHEEL PATH.
4. ASPHALTIC REPAIR PAVING TO BE DONE ON THE SAME DAY AS REMOVAL.



PLAN VIEW



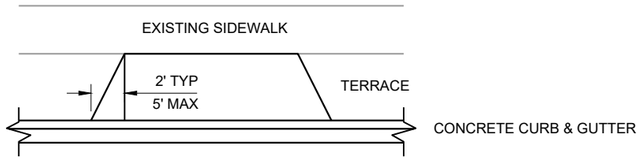
PARTIAL DEPTH

FULL DEPTH

SECTION A-A

ASPHALTIC REPAIR DETAIL

SER (20180101)



TERRACE ≤ 12 FEET

LOCATIONS/DRIVEWAYS

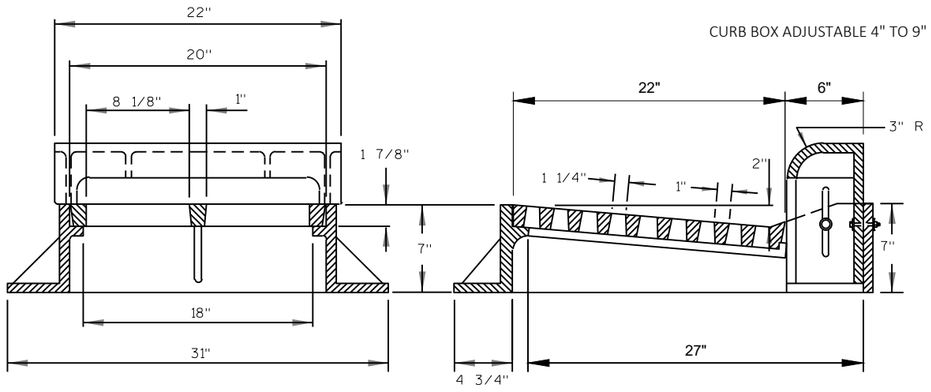
- STA 684+35 RT - STA 691+30 RT

NOTE

- SEE SDD "DRIVEWAY AND SIDEWALK RAMPS TYPE 2" FOR ADDITIONAL INFORMATION.

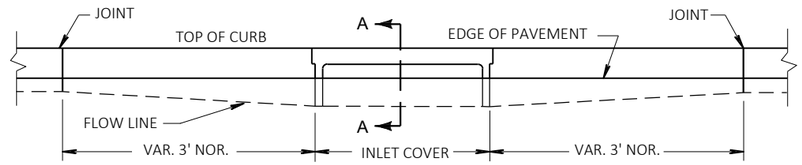
DRIVEWAY APRON WITH CONCRETE DETAIL

NOT TO SCALE

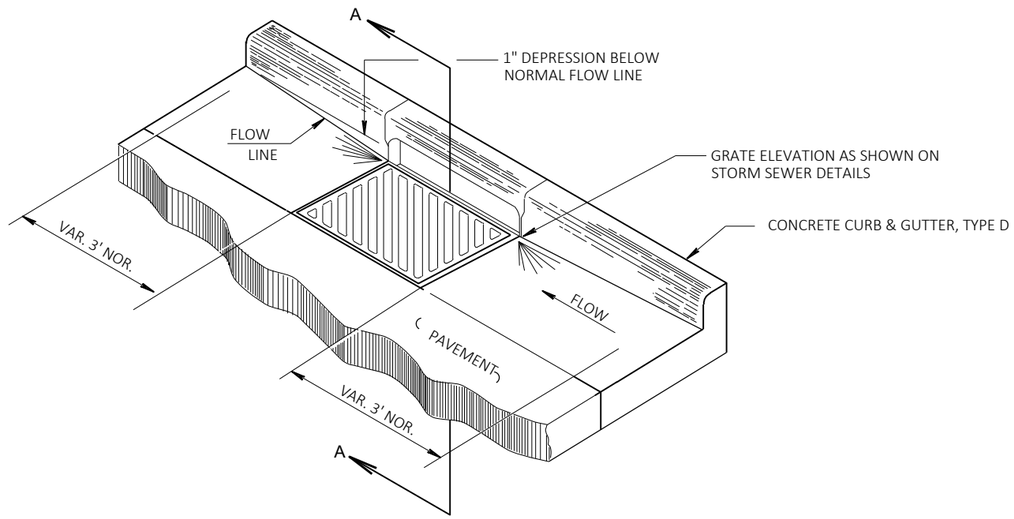


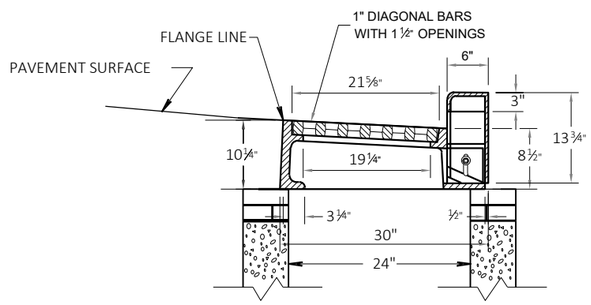
INLET COVERS TYPE B SPECIAL DETAIL

NEENAH R-3234-B1 OR EQUAL MINIMUM WEIGHT 400 LBS TOTAL



ELEVATION





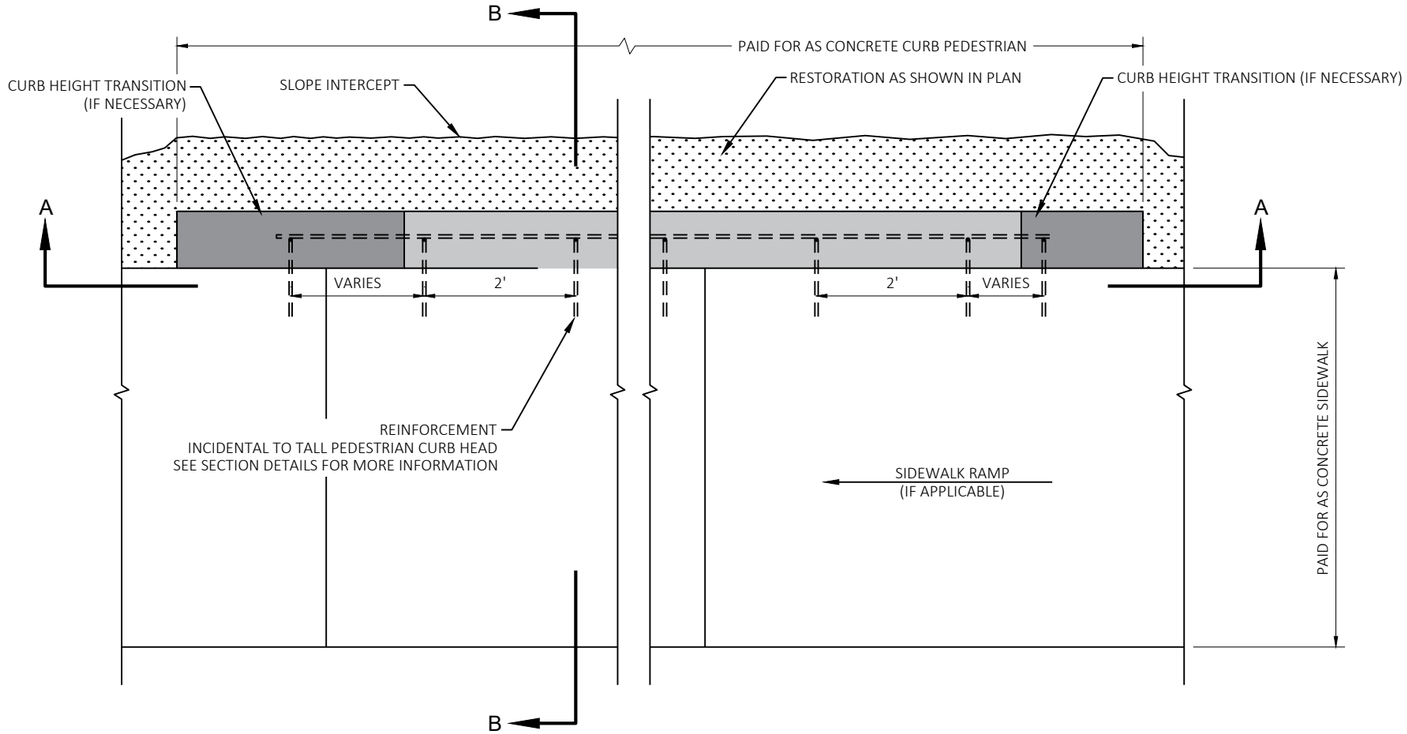
SECTION A-A

(TYPE 4-WM INLET SHOWN)

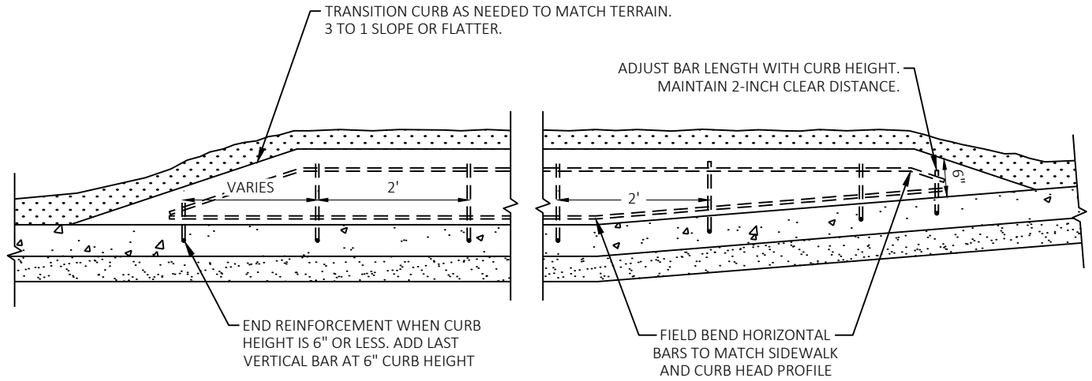
CURB AND GUTTER AT INLETS DETAIL

CONSTRUCTION NOTES

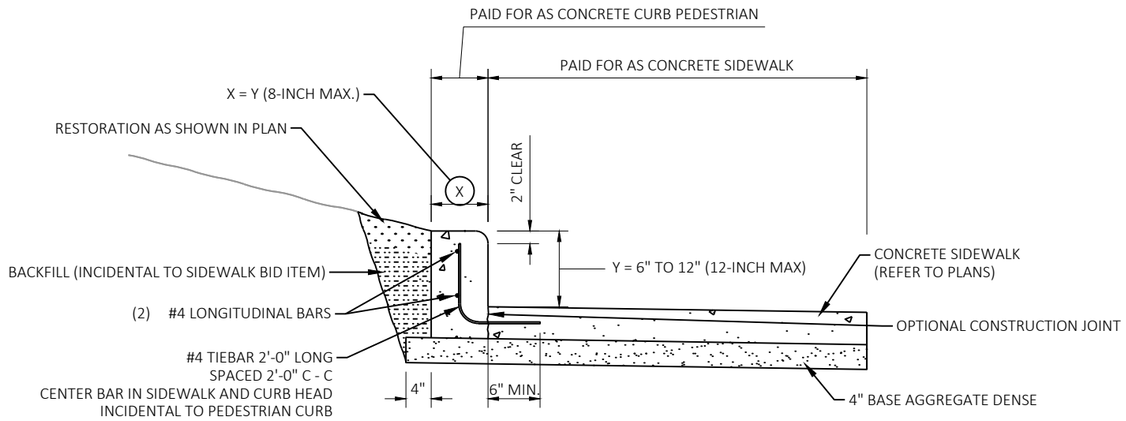
1. CONSTRUCTION FOR TALL PEDESTRIAN CURB SHALL CONFORM TO STANDARD SPEC 601.
2. PEDESTRIAN CURB IS INTENDED TO BE FORMED AND POURED INTEGRAL WITH ADJACENT SIDEWALK. NO ADDITIONAL PAYMENT WILL BE MADE FOR DRILLING TIEBARS IF CONTRACTOR CHOOSES TO POUR CURB AND SIDEWALK SEPARATELY.



PLAN VIEW



SECTION A - A



SECTION B - B

TALL PEDESTRIAN CURB DETAIL

FOR PEDESTRIAN CURB GREATER THAN 6-INCHES IN HEIGHT.
REFER TO CURB RAMP DETAILS FOR LOCATION AND CURB HEIGHT.

REMOVING CURB AND GUTTER AND PAVEMENT TO THE LIMITS SHOWN, EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR SAWING ASPHALT, SAWING CONCRETE, CONCRETE CURB & GUTTER AND DRILLED TIE BARS.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE CONCRETE CURB & GUTTER BID ITEM.

PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

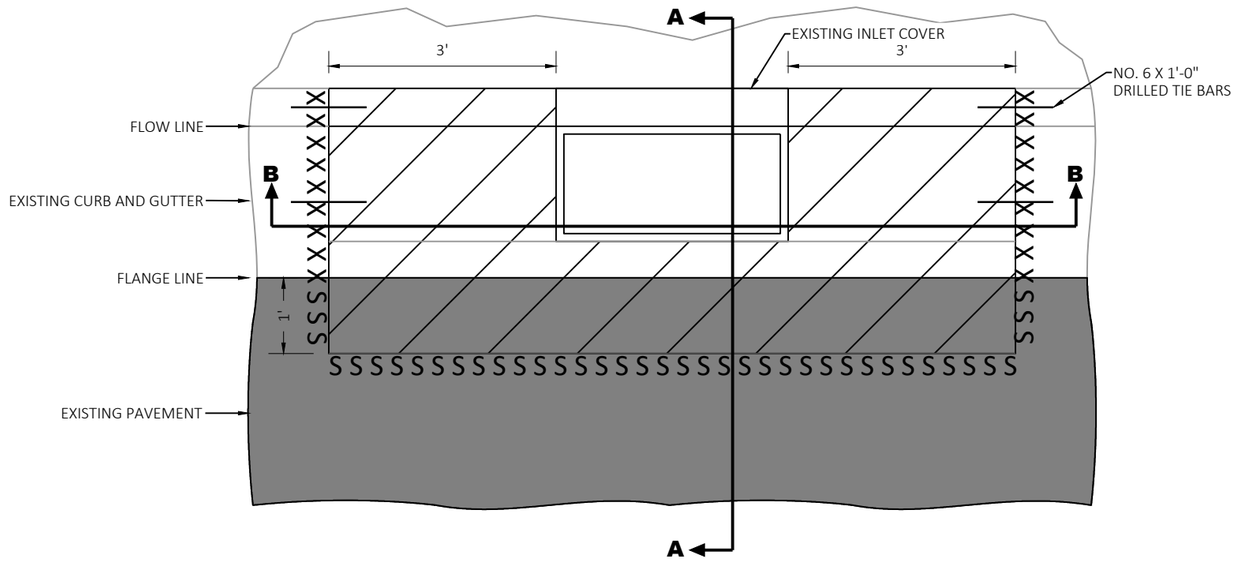
REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

S S S SAWING ASPHALT

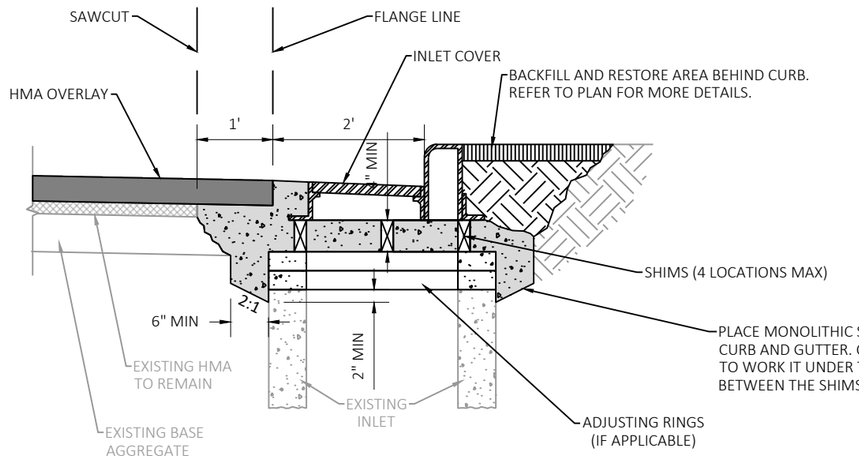
X X X SAWING CONCRETE

REMOVING CURB & GUTTER AND PAVEMENT

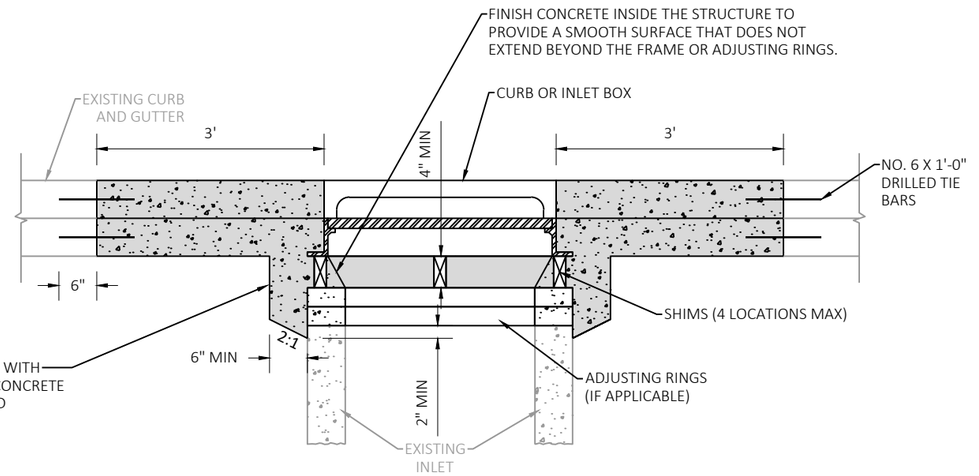
MONOLITHIC CONCRETE



PLAN VIEW



SECTION A-A



SECTION B-B

ADJUSTING/RECONSTRUCTING CATCH BASINS & INLETS - MONOLITHIC SHIM DETAIL

RESURFACING SECTIONS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SHEET 25	E

2

PRIOR TO MILLING AND PAVING.

A. SAWCUT EXISTING PAVEMENT FULL DEPTH.
B. REMOVE AND STORE MANHOLE COVER.
C. FURNISH AND INSTALL TEMPORARY COVER PLATE.
D. BACKFILL USING ASPHALT SURFACE PATCHING.

AFTER PAVING HMA LOWER LAYER(S)

A. REMOVE ASPHALTIC SURFACE PATCHING.
B. EXCAVATE AROUND MANHOLE.
C. ADJUST OR RECONSTRUCT MANHOLE AND RE-INSTALL MANHOLE FRAME AND COVER.
D. POUR MONOLITHIC CONCRETE SHIM SO CONCRETE FILLS IN VOIDS BELOW THE CASTING BETWEEN THE SHIMS.
E. PAVE UPPER LAYER HMA.

PAVEMENT REMOVAL, ASPHALT PATCH REMOVAL, EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR SAWING ASPHALT, COVER PLATES TEMPORARY, ASPHALTIC SURFACE PATCHING AND BASE PATCHING CONCRETE SHES.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE BASE PATCHING CONCRETE SHES BID ITEM.

PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

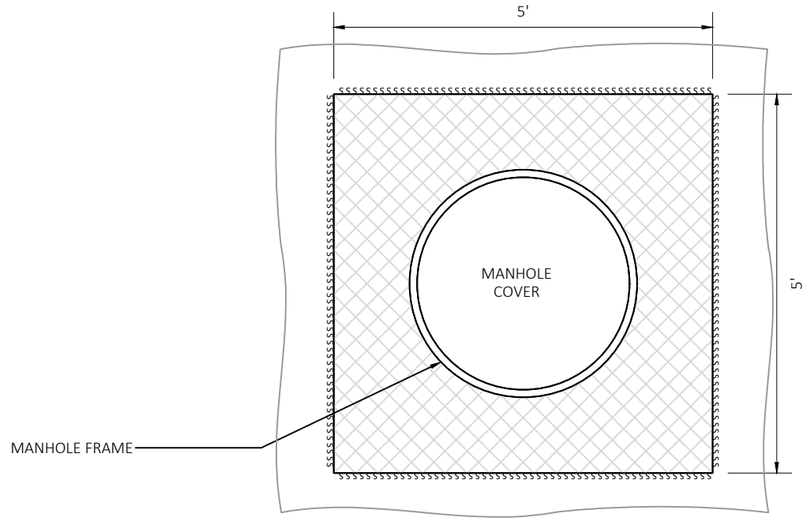
*SAWCUT WILL ONLY BE PAID ONCE. REMOVE ASPHALT SURFACE PATCHING MATERIAL TO THE ORIGINAL SAWCUT LIMITS.

S S S SAWING ASPHALT

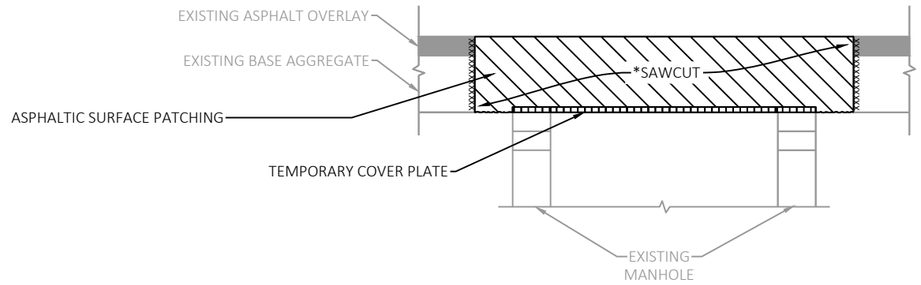
REMOVING PAVEMENT
(INCIDENTAL TO ADJUSTING / RECOSNTRUCTING BID ITEMS)

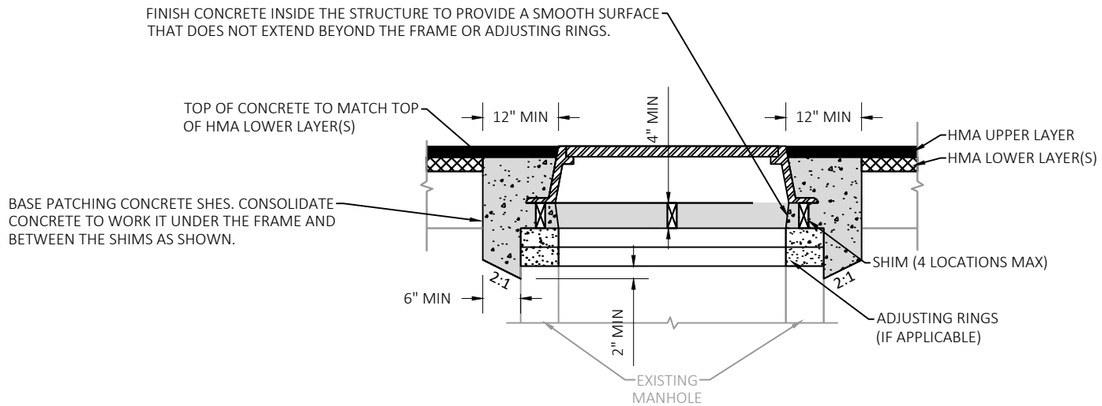
ASPHALTIC SURFACE PATCHING

MONOLITHIC CONCRETE



PLAN VIEW





ADJUSTING/RECONSTRUCTING MANHOLES - MONOLITHIC SHIM DETAIL

RESURFACING SECTIONS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SHEET 26	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 07-cd
PLOT DATE : 9/28/2026 4:59 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE ADJUSTING OR RECONSTRUCTING BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR CONCRETE CURB & GUTTER.

PAVEMENT REMOVAL FOR THE MONOLITHIC SHIM IS INCIDENTAL TO THE REMOVING CURB & GUTTER BID ITEM.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE CONCRETE CURB & GUTTER BID ITEM.

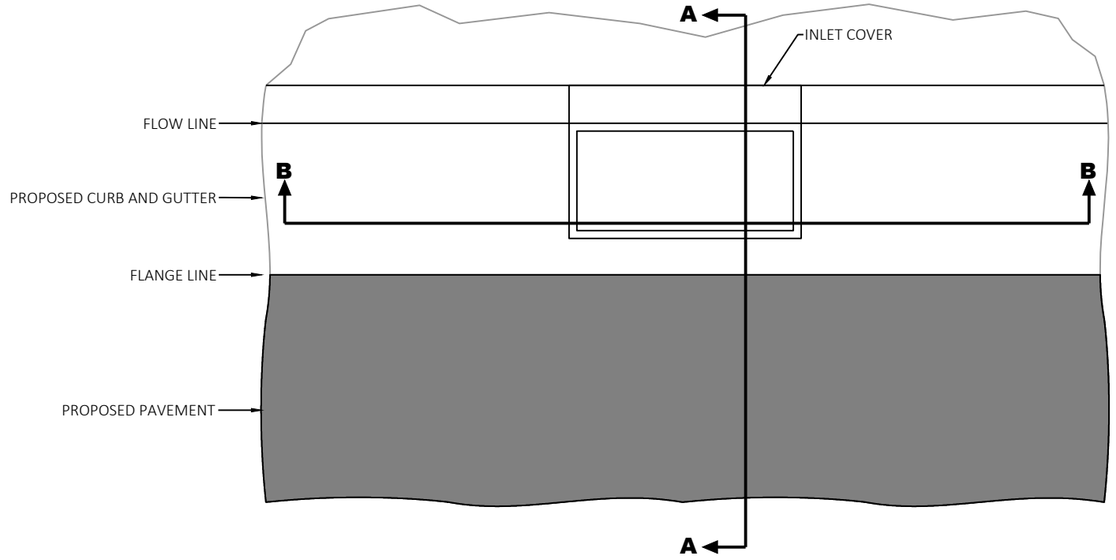
PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

PLACE CONCRETE AS SHOWN OR AS OTHERWISE DIRECTED TO FIT FIELD CONDITIONS.

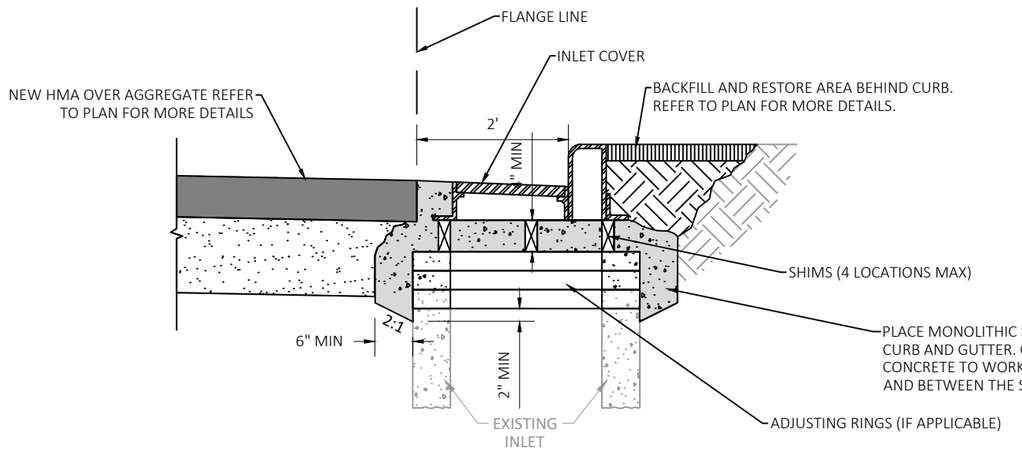
REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.



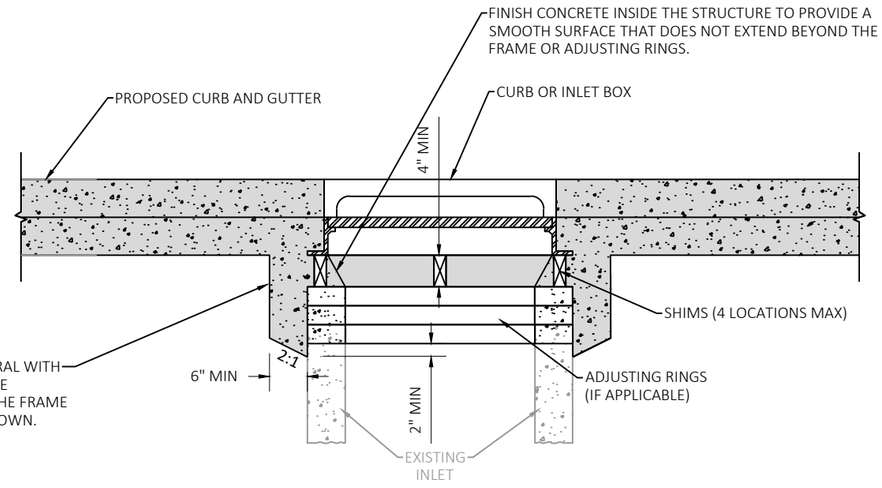
CONCRETE CURB AND GUTTER WITH MONOLITHIC SHIM



PLAN VIEW



SECTION A-A



SECTION B-B

ADJUSTING/RECONSTRUCTING CATCH BASINS & INLETS - MONOLITHIC SHIM DETAIL

PAVEMENT REPLACEMENT SECTIONS

2

EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE MANHOLE BID ITEMS.

THE DEPARTMENT WILL PAY SEPARATELY FOR BASE PATCHING CONCRETE SHES..

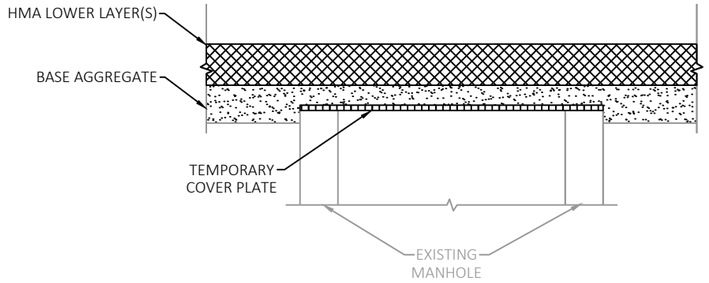
MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING IS INCIDENTAL TO THE CONCRETE PAVEMENT BID ITEMS.

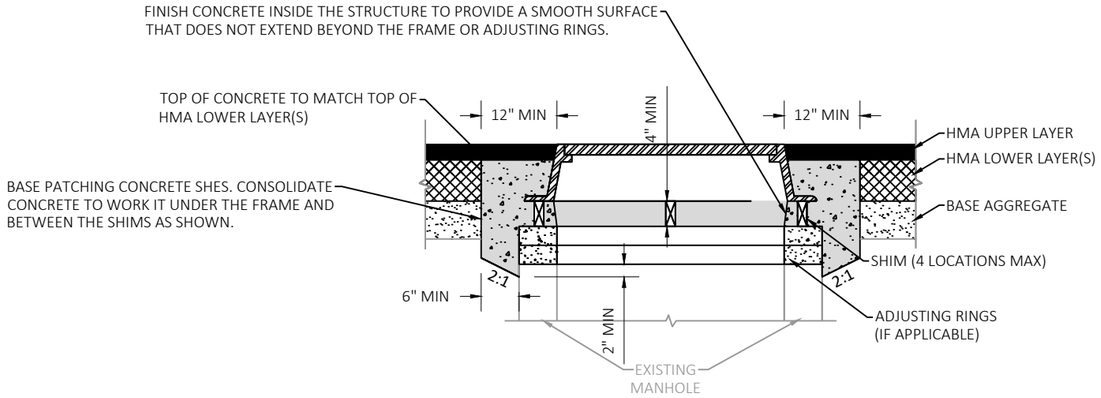
PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.



MONOLITHIC CONCRETE

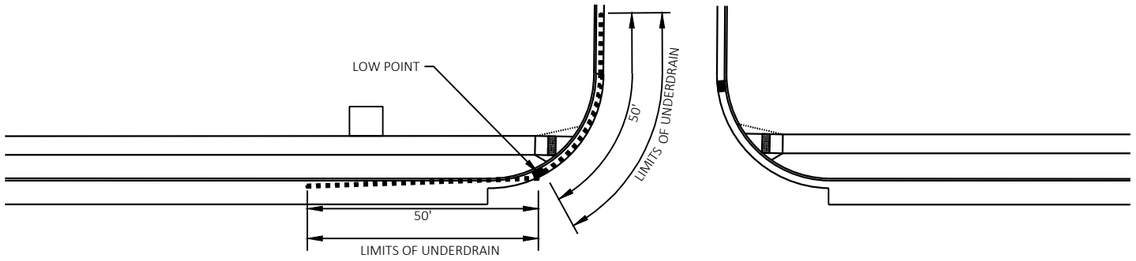




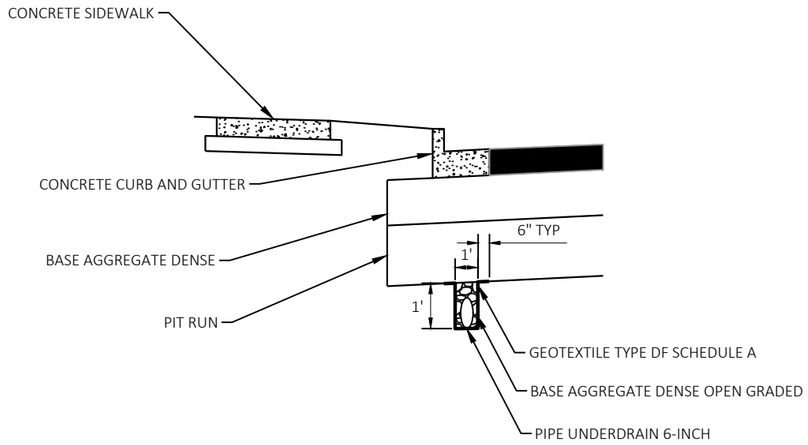
ADJUSTING/RECONSTRUCTING MANHOLES - MONOLITHIC SHIM DETAIL

PAVEMENT REPLACEMENT SECTIONS

2

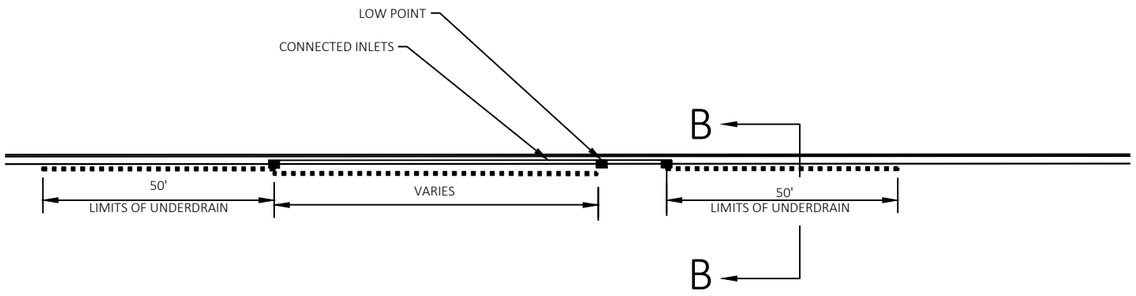


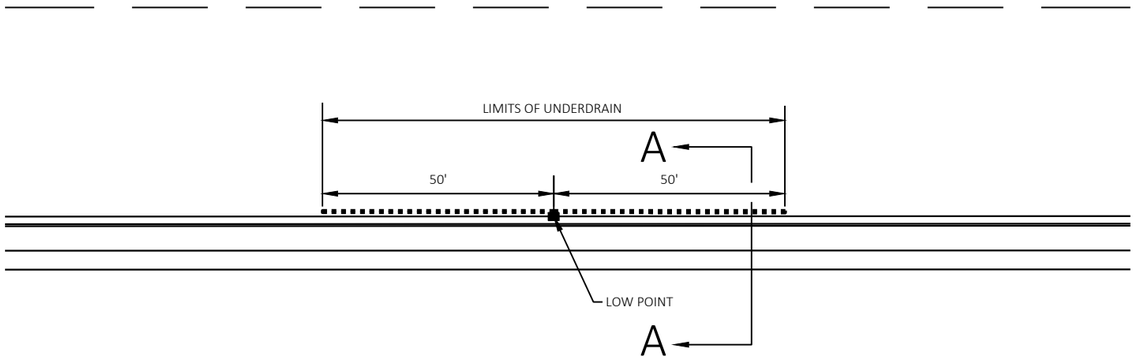
INTERSECTION/CURB RETURN



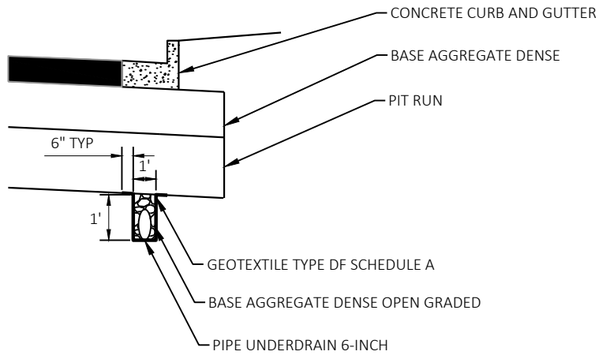
SECTION A - A

NOT TO SCALE





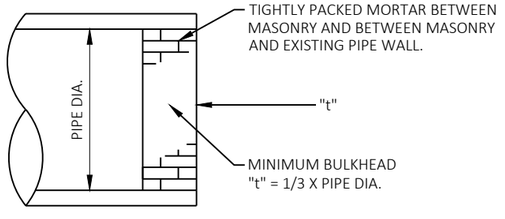
MAINLINE



SECTION B - B

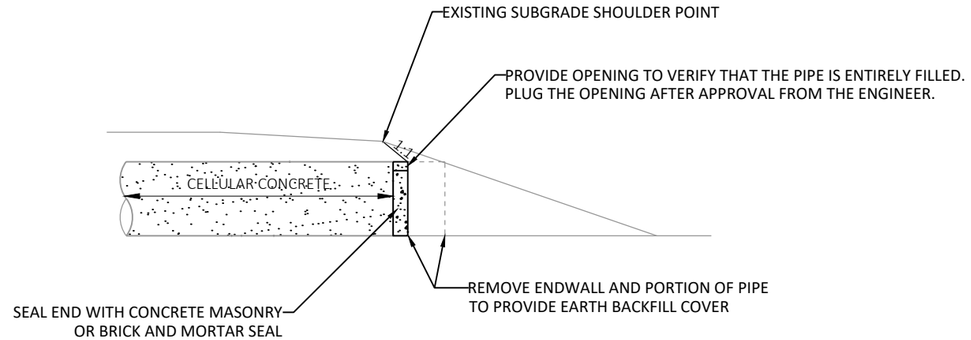
NOT TO SCALE

PIPE UNDERDRAIN UNDER CURB & GUTTER DETAILS



TEMPORARY BULKHEAD PIPE MASONRY

SER (20180101)

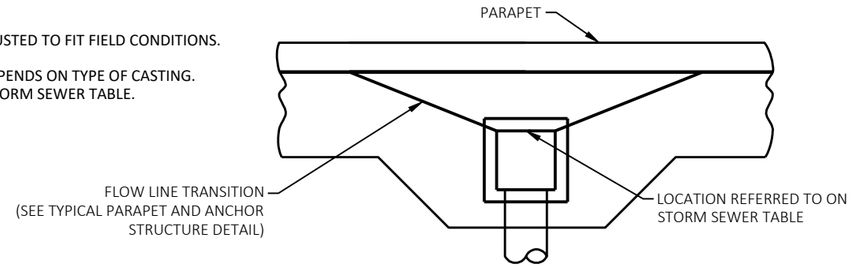


ABANDONING SEWER

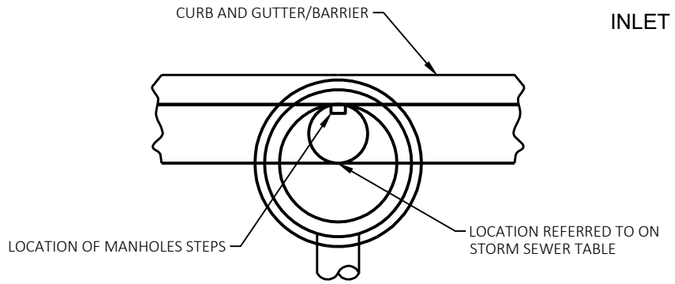
SER (20180101)

NOTES

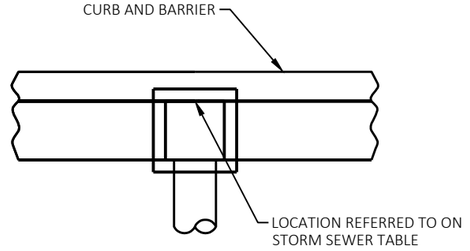
1. LOCATION OF STRUCTURE MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
2. LOCATION OF STRUCTURE OPENING DEPENDS ON TYPE OF CASTING. CASTING TYPES ARE SHOWN ON THE STORM SEWER TABLE.



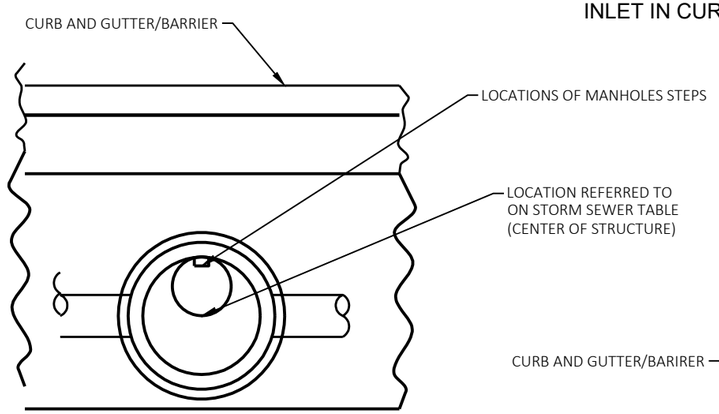
INLET IN RETAINING WALL ANCHOR SLAB



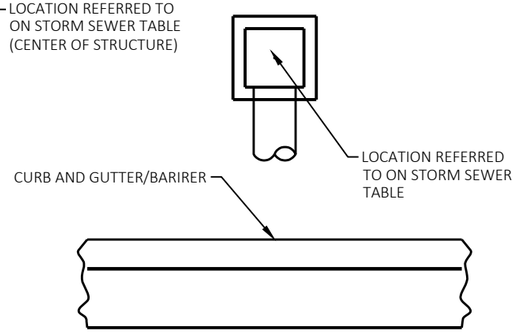
MANHOLE IN CURB AND GUTTER / AT BARRIER



INLET IN CURB AND GUTTER / AT BARRIER



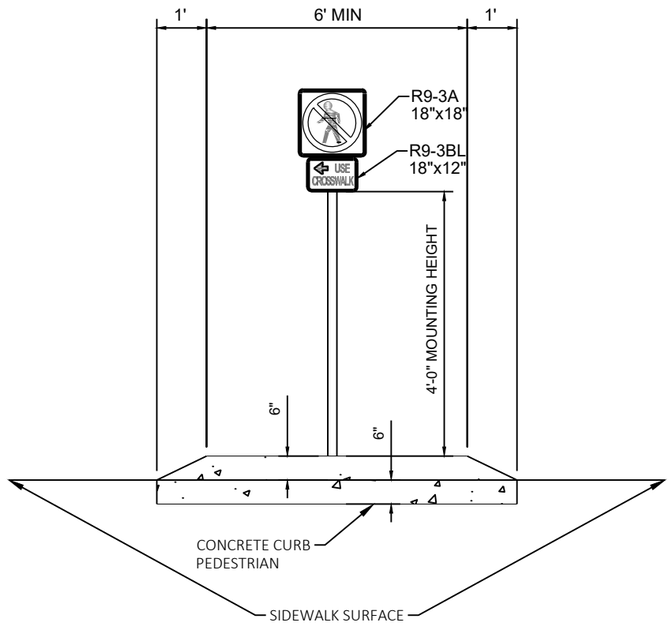
MANHOLE NOT IN CURB AND GUTTER /
NOT AT BARRIER



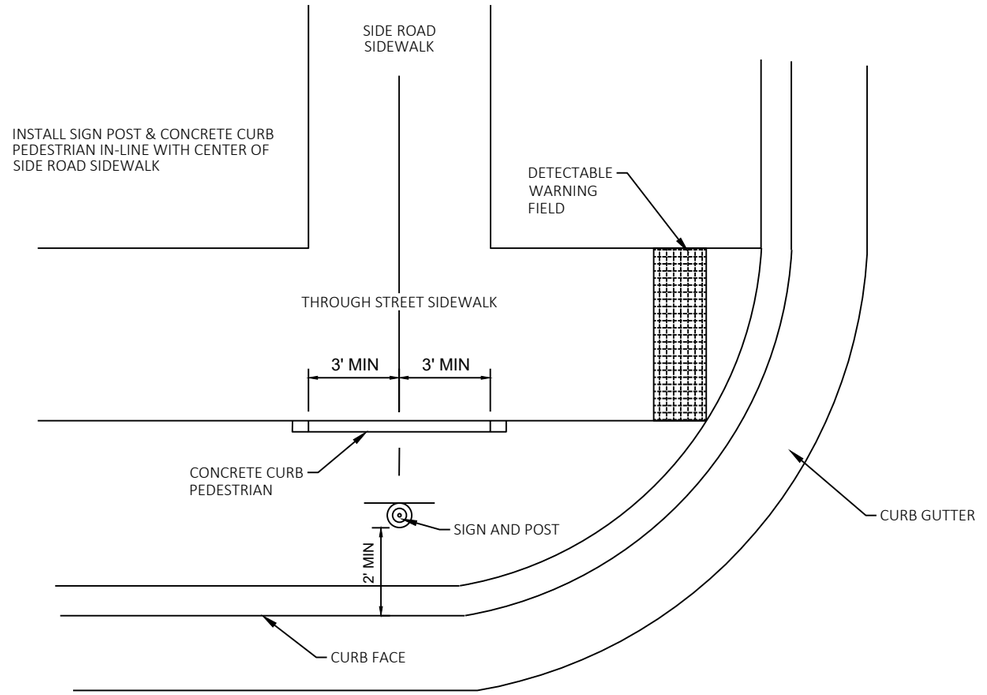
INLET NOT IN CURB AND GUTTER / NOT AT BARRIER

STRUCTURE LOCATION DETAIL

SER (20180101)



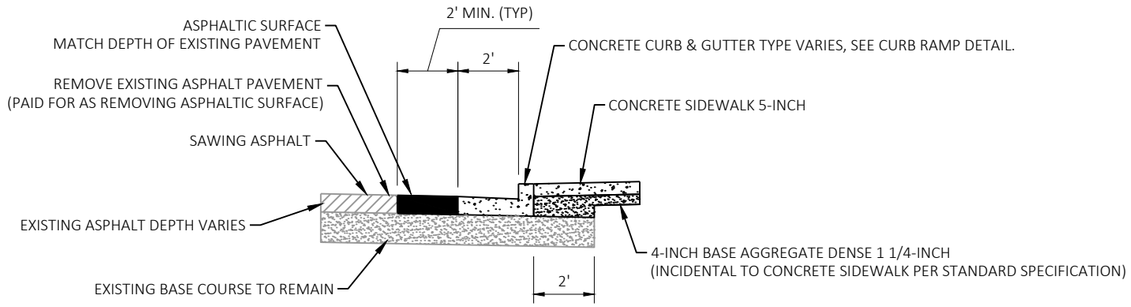
CONCRETE CURB PEDESTRIAN DETAIL
CURB ELEVATION VIEW



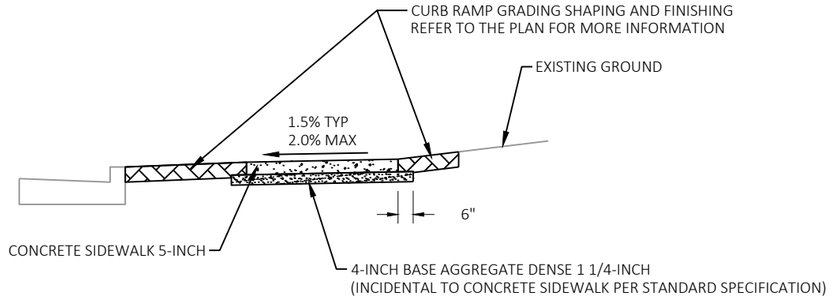
CURB AND SIGN LOCATION DETAIL

CONCRETE CURB PEDESTRIAN AS BARRICADE DETAIL

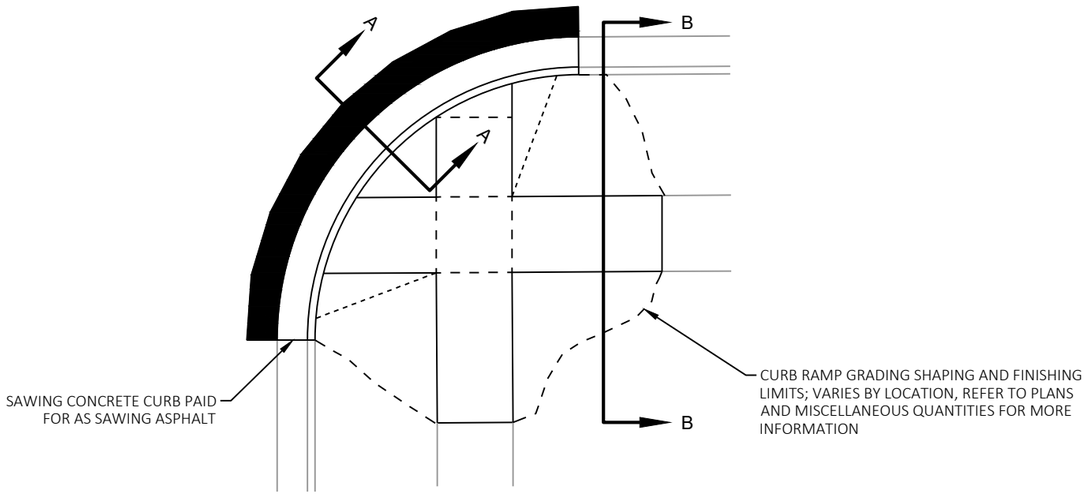
NOT TO SCALE



SECTION A-A



SECTION B-B



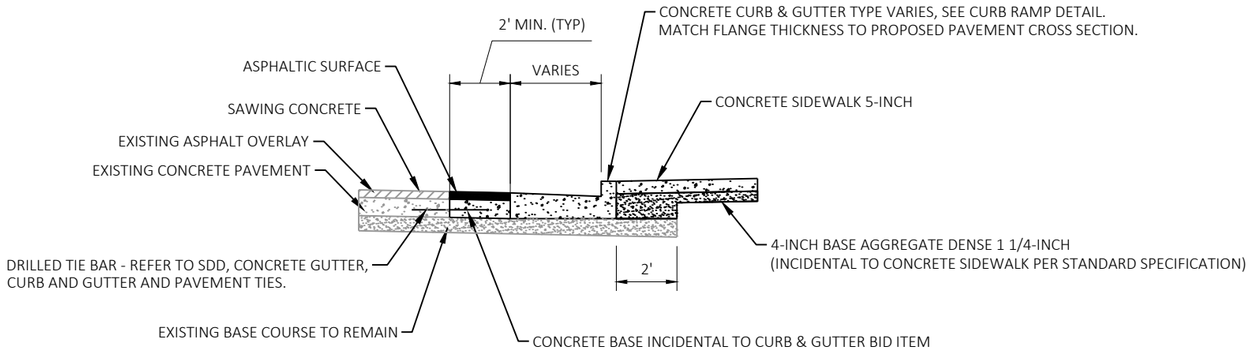
PLAN VIEW

NOTES:
1. SEE CURB RAMP DETAILS FOR CURB & GUTTER SIZE AND GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER.
3. SUPPLEMENT BASE AGGREGATE AFTER REMOVAL OF PAVEMENT AND CURB AND GUTTER AS NEEDED TO REACH PLAN GRADES. INCIDENTAL TO CURB AND GUTTER OR PAVEMENT BID ITEM(S).

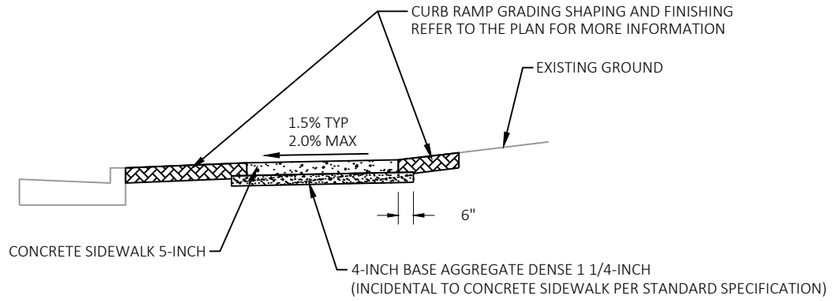
CURB RAMP REPLACEMENT

ADJACENT TO ASPHALT PAVEMENT

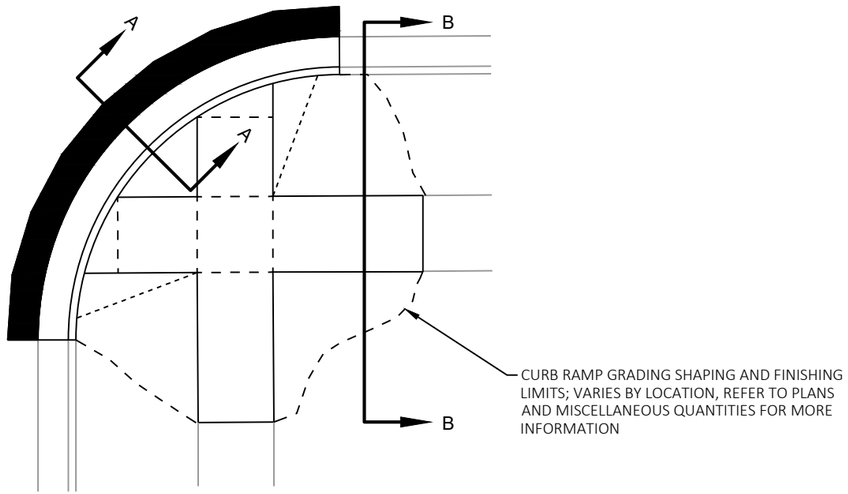
SER (20250810)



SECTION A-A



SECTION B-B



PLAN VIEW

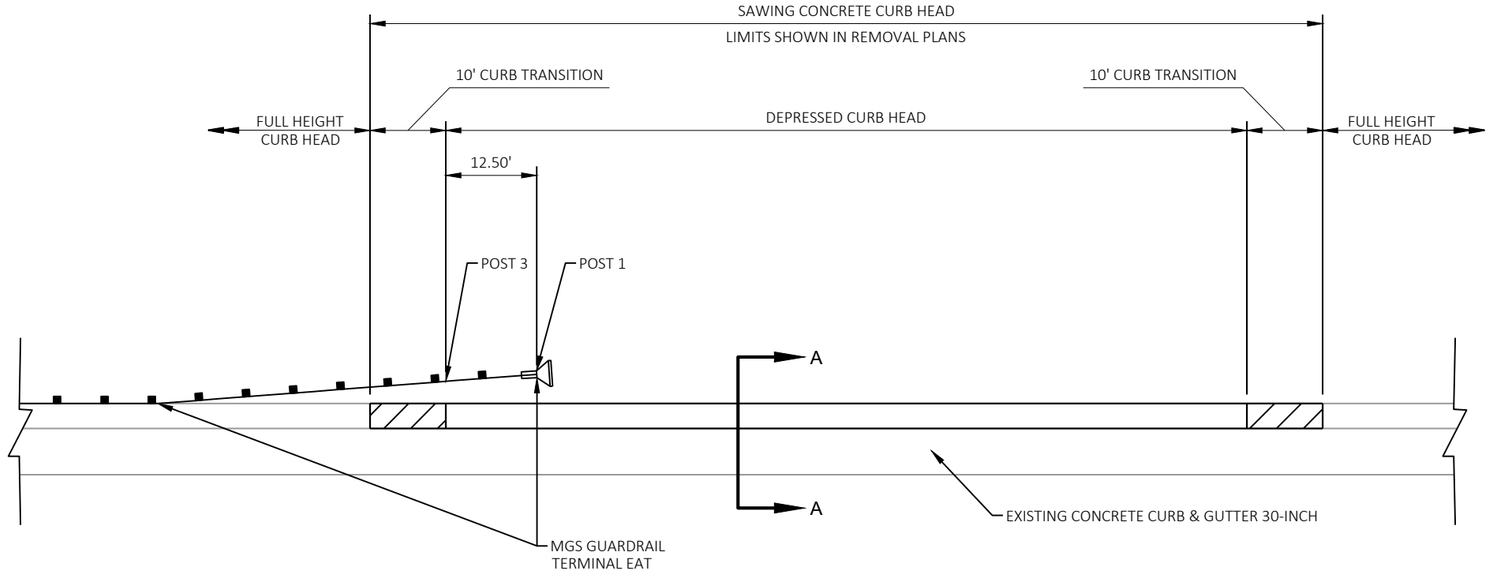
NOTES:
1. SEE CURB RAMP DETAILS FOR CURB & GUTTER SIZE AND GUTTER PAN SLOPES.
2. INSTALL 2 DRILLED TIE BARS AT EACH CONNECTION TO EXISTING CURB & GUTTER.
3. SUPPLEMENT BASE AGGREGATE AFTER REMOVAL OF PAVEMENT AND CURB AND GUTTER AS NEEDED TO REACH PLAN GRADES. INCIDENTAL TO CURB AND GUTTER OR PAVEMENT BID ITEM(S).

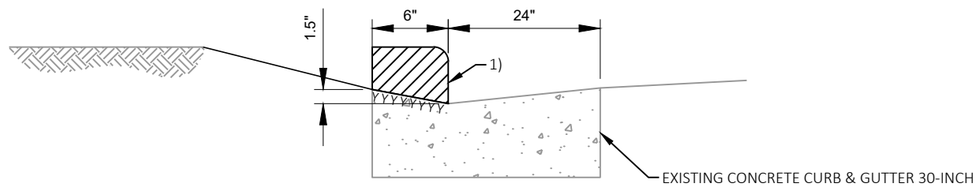
CURB RAMP REPLACEMENT

ADJACENT TO CONCRETE PAVEMENT WITH ASPHALT OVERLAY

SER (20250810)

2





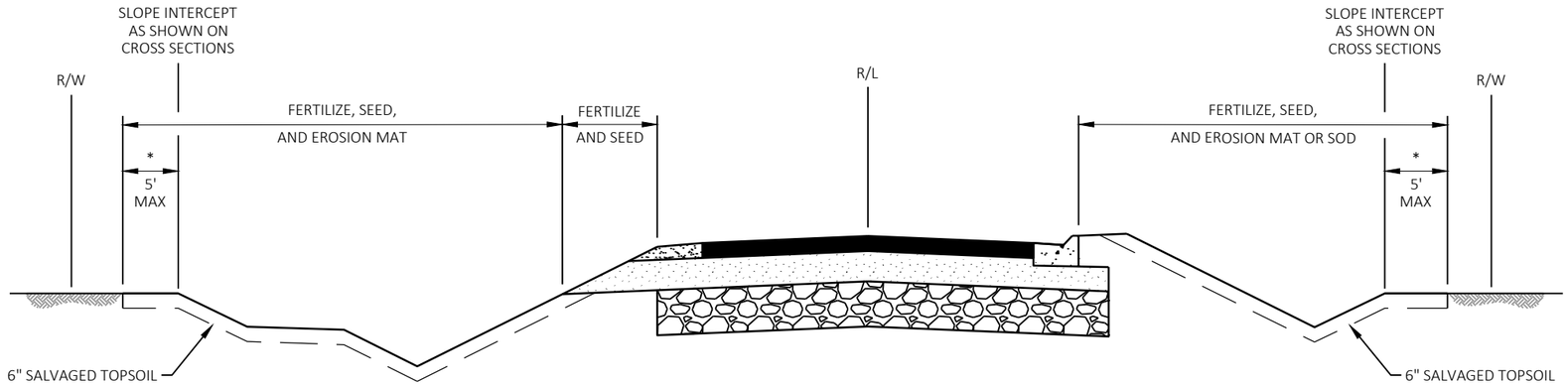
SECTION A-A

DEPRESSED CURB

NOTE

1) REMOVAL AND DISPOSAL OF CURB HEAD INCIDENTAL TO BID ITEM SAWING CONCRETE CURB HEAD.

DEPRESSED CURB HEAD AT BEAM GUARD TERMINAL AND SAWING CONCRETE CURB HEAD DETAIL



RURAL SECTION

URBAN SECTION

*EXTEND FINISHING ITEMS 5' MAXIMUM BEYOND SLOPE INTERCEPT EXCEPT AT WETLANDS

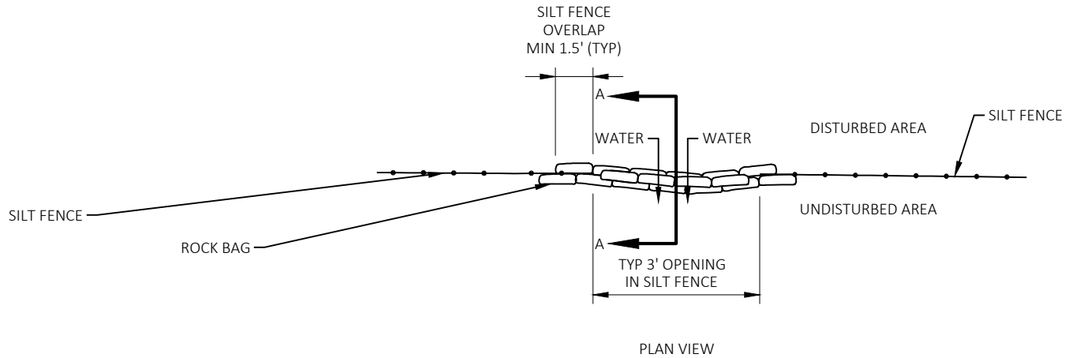
FINISHING ITEMS DETAIL

RUNOFF COEFFICIENT TABLE

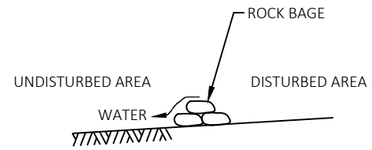
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS:	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIPTURF:	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPETURF:			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT:	.70 - .95											
CONCRETE:	.80 - .95											
BRICK:	.70 - .80											
DRIVES, WALKS:	.75 - .85											
ROOFS:	.75 - .95											
GRAVEL ROADS, SHOULDERS:	.40 - .60											

TOTAL PROJECT AREA = 40.22 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 26.07 ACRES

2



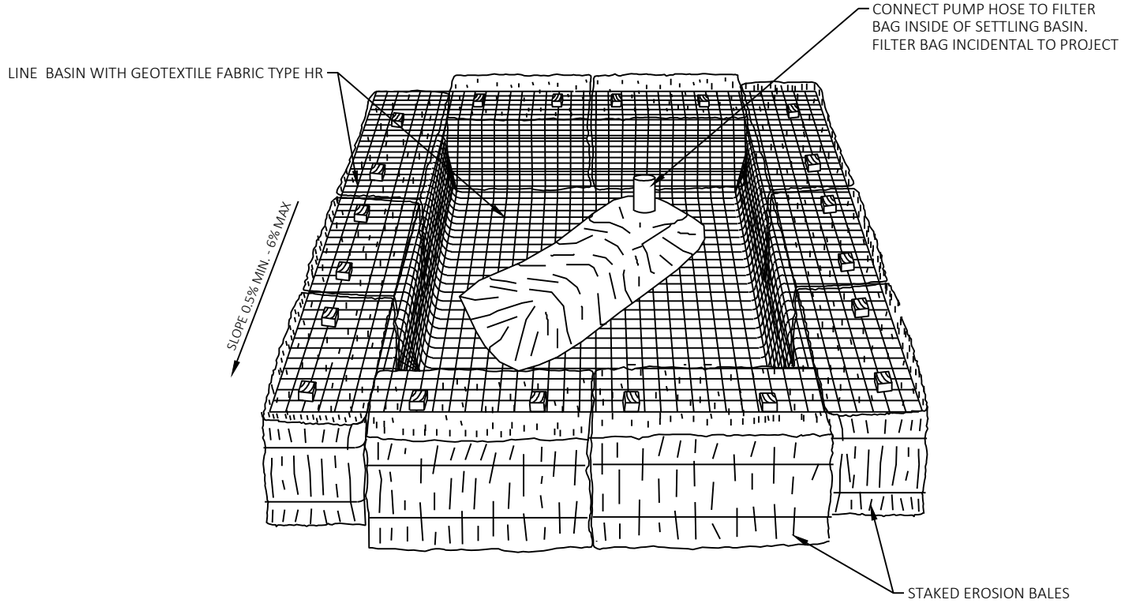
PLAN VIEW



SECTION A-A

ROCK BAGS USED FOR SILT FENCE RELIEF DETAIL

SER (20180101)

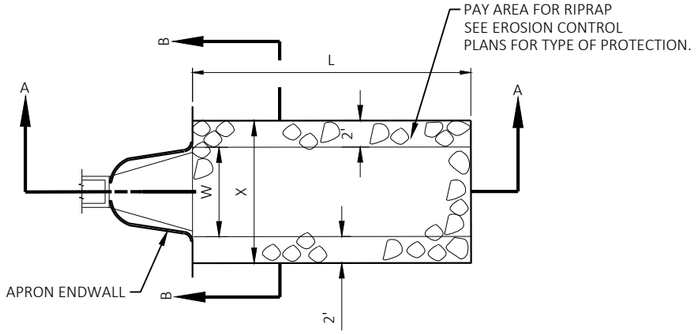


NOTES:

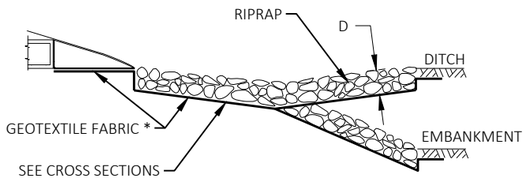
1. PUMP FROM DEWATERING OPERATIONS INTO TEMPORARY SETTLING BASINS PRIOR TO DISCHARGING INTO ROADSIDE DITCHES.
2. BASIN SHALL BE KEPT LESS THAN 10% FULL OF SEDIMENT. GEOTEXTILE FABRIC AND SEDIMENTS SHALL BE DISPOSED BY THE CONTRACTOR OFF THE PROJECT SITE.
3. SETTLING BASIN SHALL BE PLACED IN AN UPLAND,FLAT, VEGETATED AREA OR EQUIVALENT LOCATION APPROVED BY THE ENGINEER.
4. SIZE OF SETTLING BASIN AND FILTER BAG SHALL BE DETERMINED BY THE CONTRACTOR AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.
5. ONLY ONE HOSE PER BAG ALLOWED AT A TIME. SIZE BASIN APPROPRIATELY FOR ADDITIONAL BAGS IF MORE THAN ONE HOSE IS NEEDED.
6. THE NECK OF THE BAG WHERE THE HOSE ATTACHES SHALL BE PLACED ON THE UPSTREAM CORNER OF THE SETTLING BASIN.
7. REPLACE SEDIMENT BAG, BALES, AND FABRIC AS NECESSARY OR AS DIRECTED BY THE ENGINEER. REMOVE SPENT BAGS PRIOR TO REPLACING. DO NOT STACK NEW BAG ON TOP OF SPENT BAG.
8. ALL ITEMS ARE INCIDENTAL TO THE CONTRACT. INCLUDING DISPOSAL AND REPLACEMENT OF BAGS AND BASIN MATERIALS

TEMPORARY SETTLING BASIN DETAIL

SER (20240905)



PLAN VIEW



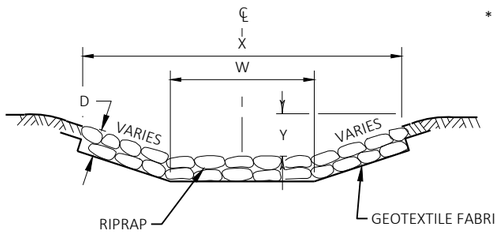
SECTION A-A

L = 3 x W (NOR) OR 10' MIN
OR AS INDICATED IN THE PLANS
OR AS DIRECTED BY THE ENGINEER

D = 12" FOR RIPRAP LIGHT
18" FOR RIPRAP MEDIUM
24" FOR RIPRAP HEAVY

X = W+4' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
W+6' FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

Y = 0' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
6" FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE



SECTION B-B

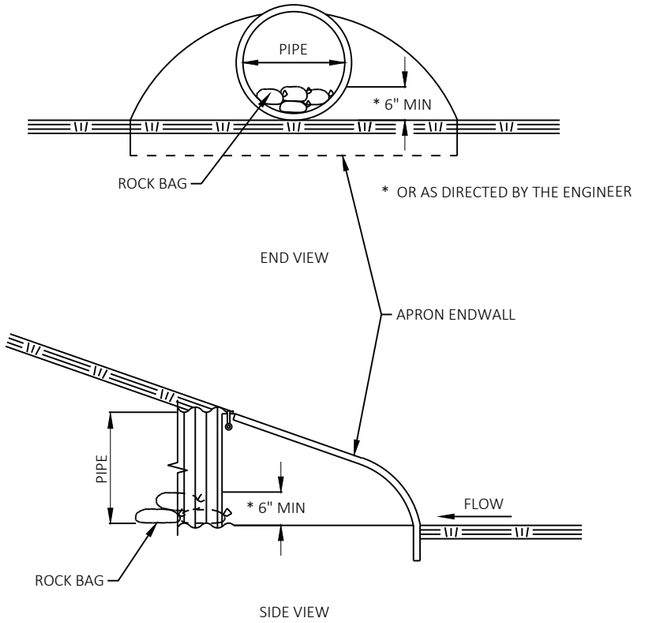
* TYPE R (FOR RIPRAP LIGHT ONLY)
TYPE HR (FOR RIPRAP HEAVY AND MEDIUM ONLY)

CONSTRUCTION NOTES:

1. GEOTEXTILE FABRIC SHALL EXTEND BENEATH THE ENTIRE LENGTH OF THE APRON ENDWALL SECTION. INSTALL ON PREPAVED FOUNDATION. GRADE PRIOR TO END WALL INSTALLATION.
2. COMPLETE GEOTEXTILE FABRIC AND RIPRAP SECTION INSTALLATION PRIOR TO STORM WATER FLOW.

RIPRAP AND GEOTEXTILE FABRIC AT APRON ENDWALLS DETAIL

SER (20180101)



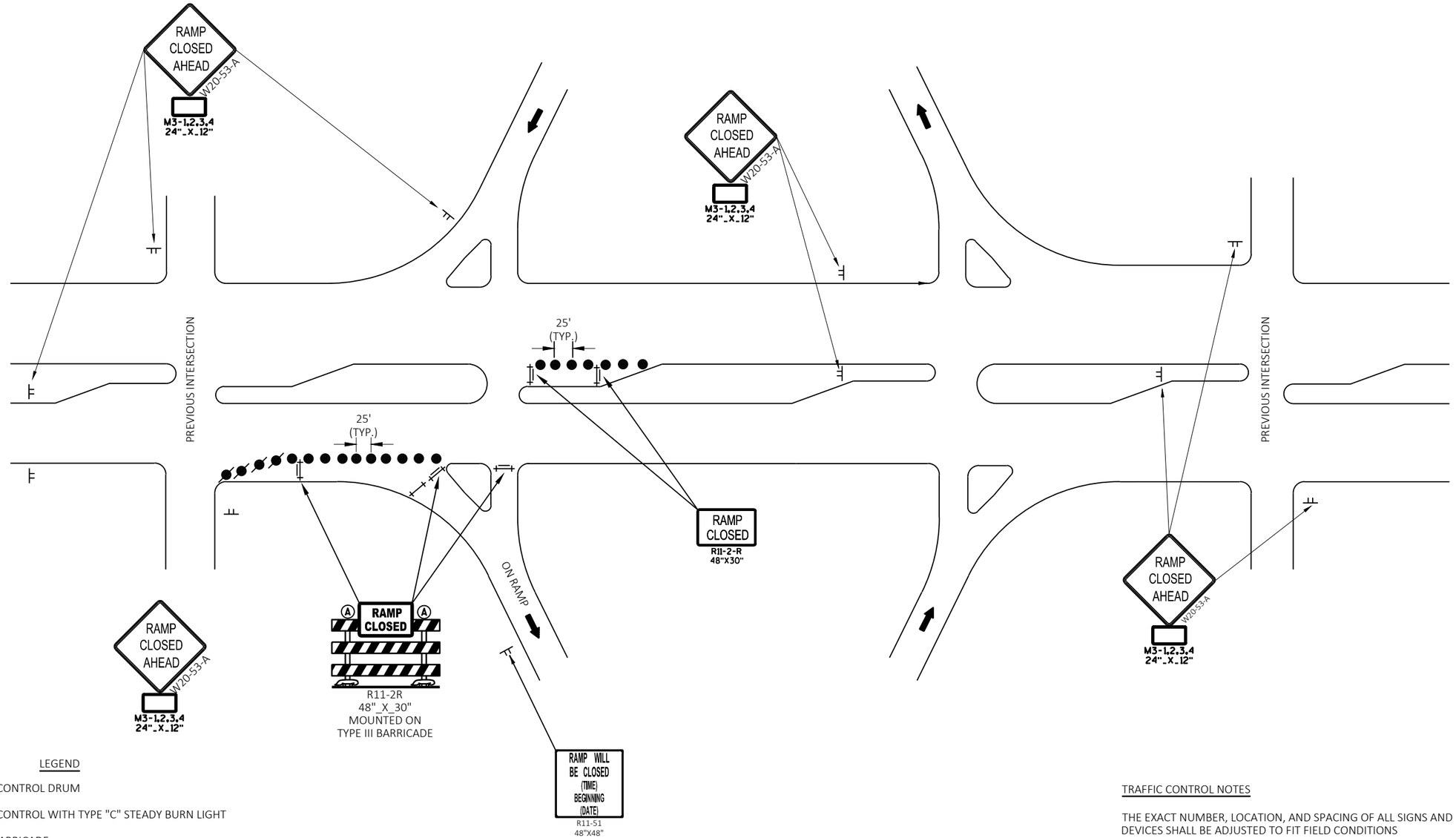
SIDE VIEW

ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NUMBER OF BAGS
12"	1
15"	2
18"	2
24"	3
30"	5
36"	7
42"	7
48"	10
54"	10
60"	13
66"	14
72"	16
17"X13"	2
30"X19"	5
38"X24"	7
45"X29"	10
53"X34"	10
60"X38"	13
76"X48"	18
27' WIDE BOX CULVERT	36

CULVERT PIPE CHECKS DETAIL

SER (20180101)

2



NORTH
M3-1
24"_X_12"

EAST
M3-2
24"_X_12"

SOUTH
M3-3
24"_X_12"

WEST
M3-4
24"_X_12"

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH 2 TYPE "A" WARNING LIGHT (FLASHING)
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY

SER (20180101)

TRAFFIC CONTROL NOTES

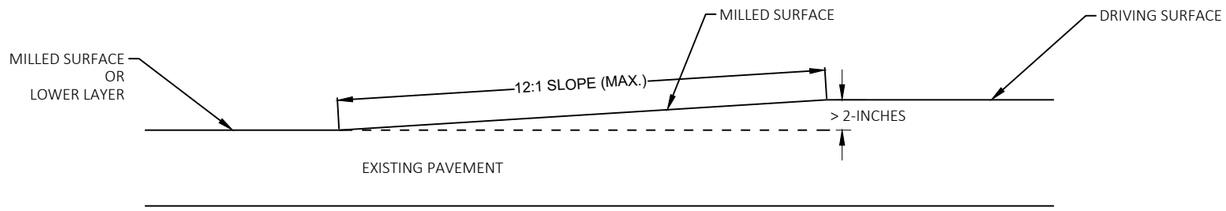
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SHORT TERM DEFINED AS 7 DAYS/NIGHTS OR LESS. FOR NIGHT TIME OPERATIONS ALL DRUMS IN TAPERS SHALL HAVE WARNING LIGHT, TYPE C (STEADY BURN). MAY BE APPLIED TO ARTERIALS OR LOCAL ROADS.

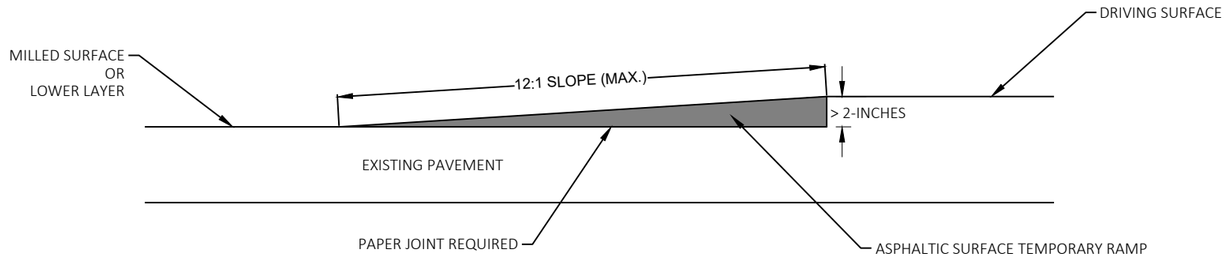
PLACE "RAMP CLOSED BEGINNING" SIGN OR PCMS 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



MILLED RAMP

NOTES:

- THESE CONSTRUCTION DETAILS AND THE SPECIAL PROVISIONS SUPPLEMENT THE REQUIREMENTS FOR PROVIDING DROP-OFF PROTECTION AS STATED IN STANDARD SPECIFICATION 104.6.1.2.3.
- MILLING RAMP PAID AS 'REMOVING ASPHALTIC SURFACE BUTT JOINTS' OR 'REMOVING PAVEMENT BUTT JOINTS'.
- PAVING OF ASPHALTIC SURFACE TEMPORARY RAMP PAID AS 'ASPHALTIC SURFACE TEMPORARY'
- REMOVAL OF RAMPS PAID AS 'REMOVING ASPHALTIC SURFACE BUTT JOINTS' OR 'REMOVING PAVEMENT BUTT JOINTS'.



ASPHALTIC SURFACE TEMPORARY RAMP DETAIL

2

2

N

COOK ST

BROAD ST

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

R/L STH 50

STH 50

661

662

663

664

665

666

AREA 1 - HAZMAT SOILS
7' - MAX EXCAVATION DEPTH BELOW GROUND SURFACE

AREA 2 - HAZMAT SOILS
1' - MAX EXCAVATION DEPTH BELOW GROUND SURFACE

AREA 3 - HAZMAT SOILS
1' - MAX EXCAVATION DEPTH BELOW GROUND SURFACE

AREA 4 - HAZMAT SOILS
1' - 6' BELOW GROUND SURFACE

LEGEND

APPROXIMATE EXTENT OF HAZMAT SOILS (METAL CONTAMINATED) WHICH MAY BE ENCOUNTERED DURING EXCAVATION OPERATIONS

APPROXIMATE EXTENT OF HAZMAT SOILS (VOC CONTAMINATED) WHICH MAY BE ENCOUNTERED DURING EXCAVATION OPERATIONS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS - HAZMAT SOILS	SHEET 41	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021002-CD_HAZMAT.DWG
LAYOUT NAME - 01-cd-hazmat

PLOT DATE : 9/28/2026 5:47 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

AREA 5 - HAZMAT SOILS
1' - 6' BELOW GROUND SURFACE

AREA 6 - HAZMAT SOILS
1' - 5' BELOW GROUND SURFACE

CENTER ST

EXIST R/W

R/L STH 50

TLE

PROP R/W

668 669 670 671 672 673

STH 50

EXIST R/W

LEGEND

APPROXIMATE EXTENT OF HAZMAT SOILS (METAL CONTAMINATED) WHICH MAY BE ENCOUNTERED DURING EXCAVATION OPERATIONS

APPROXIMATE EXTENT OF HAZMAT SOILS (VOC CONTAMINATED) WHICH MAY BE ENCOUNTERED DURING EXCAVATION OPERATIONS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS - HAZMAT SOILS	SHEET 42	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021002-CD_HAZMAT.DWG
LAYOUT NAME - 02-cd-hazmat

PLOT DATE : 9/28/2026 5:47 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

AREA 7 - HAZMAT SOILS
8' - MAX EXCAVATION DEPTH BELOW GROUND SURFACE

AREA 8 - HAZMAT SOILS
1' - MAX EXCAVATION DEPTH BELOW GROUND SURFACE

MILL ST

R/L STH 50

EXIST R/W

676 677 678 679 680 681

STH 50

TLE

EXIST R/W

LAKE SHORE DR

WELLS ST

LEGEND

APPROXIMATE EXTENT OF HAZMAT SOILS (METAL CONTAMINATED) WHICH MAY BE ENCOUNTERED DURING EXCAVATION OPERATIONS

APPROXIMATE EXTENT OF HAZMAT SOILS (VOC CONTAMINATED) WHICH MAY BE ENCOUNTERED DURING EXCAVATION OPERATIONS

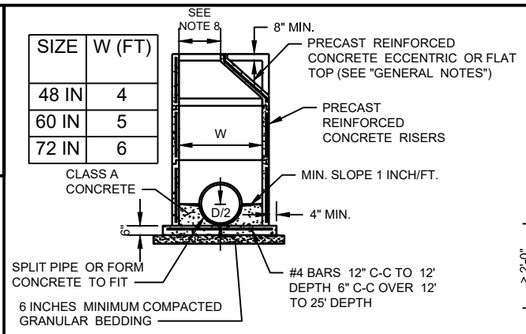
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CONSTRUCTION DETAILS - HAZMAT SOILS	SHEET 43	E

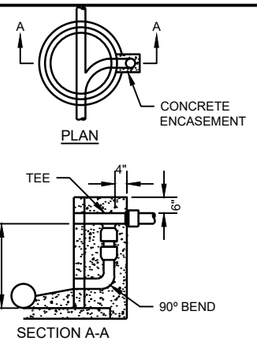
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021002-CD_HAZMAT.DWG
LAYOUT NAME - 03-cd-hazmat

PLOT DATE : 9/28/2026 5:48 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

SIZE	W (FT)
48 IN	4
60 IN	5
72 IN	6





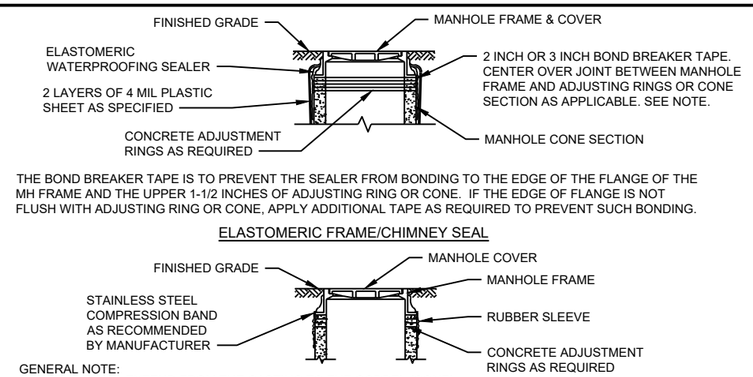
DROP ASSEMBLY DETAIL

GENERAL NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING AND THE APPLICABLE SPECIAL CONDITIONS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS.
2. DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
4. ECCENTRIC CONE TOPS SHALL BE USED ON ALL STRUCTURES 5 FEET OR GREATER IN DEPTH, AND FLAT TOPS SHALL BE USED ONLY ON STRUCTURES LESS THAN 5 FEET IN DEPTH, UNLESS DIRECTED BY THE ENGINEER.
5. PRECAST REINFORCED CONCRETE RISERS MAY BE PLACED WITH TONGUE UP OR DOWN.
6. ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.
7. DROP CONNECTIONS SHALL BE USED WHEN THE PIPE INVERT IS MORE THAN 2 FEET ABOVE THE MANHOLE INVERT. PRECAST STRUCTURE MANWAY CLEAR OPENING SHALL MATCH CASTING - REFER TO STANDARD SPECIFICATION
8. DIVISION 33 AND THE APPLICABLE SPECIAL CONDITIONS.
   - OPENING SHALL BE 24" FOR R-1580 CASTINGS
   - OPENING SHALL BE 27" FOR R-1642 CASTINGS
9. DROP CONNECTION AND ASSEMBLY SHALL BE CONSTRUCTED WITH DUCTILE IRON PIPE.

PRECAST REINFORCED CONCRETE MANHOLE DETAIL

NO SCALE

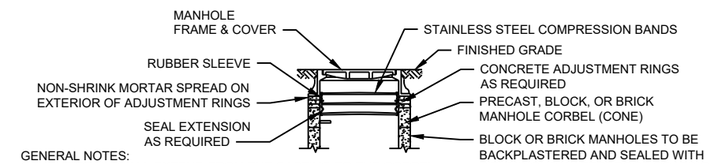


THE BOND BREAKER TAPE IS TO PREVENT THE SEALER FROM BONDING TO THE EDGE OF THE FLANGE OF THE MH FRAME AND THE UPPER 1-1/2 INCHES OF ADJUSTING RING OR CONE. IF THE EDGE OF FLANGE IS NOT FLUSH WITH ADJUSTING RING OR CONE, APPLY ADDITIONAL TAPE AS REQUIRED TO PREVENT SUCH BONDING.

ELASTOMERIC FRAME/CHIMNEY SEAL

GENERAL NOTE:
THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.

EXTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL

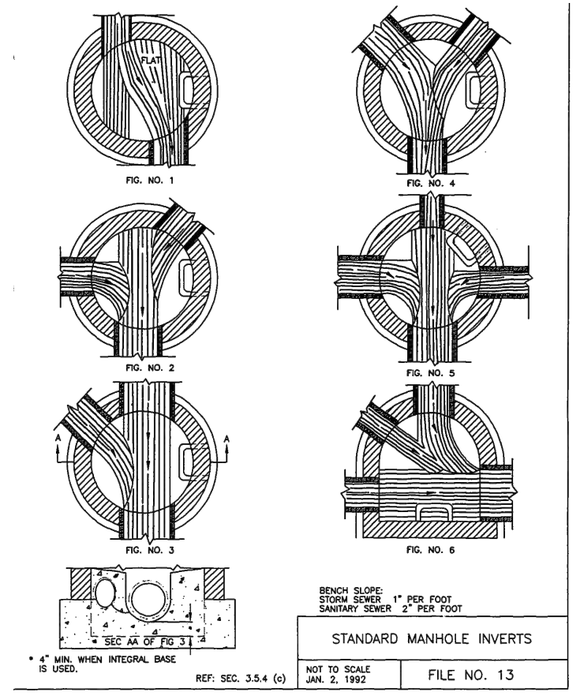


GENERAL NOTES:
1. THE SEAL SHALL EXTEND FROM THE CASTING TO THE CORBEL (CONE). SEAL EXTENSIONS SHALL BE USED AS REQUIRED.
2. AN INTERNAL ADAPTOR SEAL RING MAY BE USED IN LIEU OF THE RUBBER SLEEVE. THE INTERNAL ADAPTOR SEAL RING SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

INTERNAL RUBBER SLEEVE FRAME/CHIMNEY SEAL

MANHOLE WATERPROOFING DETAIL

NO SCALE

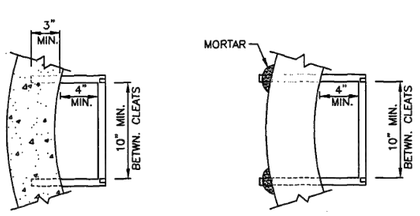


* 4" MIN. WHEN INTEGRAL BASE IS USED.

REF: SEC. 3.5.4 (c)

BENCH SLOPE:
STORM SEWER 1" PER FOOT
SANITARY SEWER 2" PER FOOT

STANDARD MANHOLE INVERTS	
NOT TO SCALE JAN. 2, 1992	FILE NO. 13



PROVIDE CERTIFIED TEST DATA THAT THE STEPS CAN WITHSTAND AN 800-POUND VERTICAL LOAD WITHOUT MORE THAN 3/8"- INCH PERMANENT SET WHEN TESTED IN ACCORDANCE WITH SECTION 10 A.S.T.M. C497.

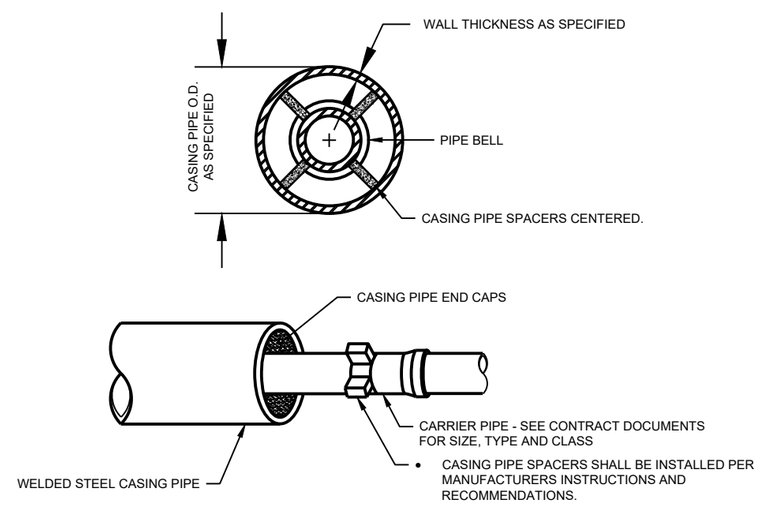
PROVIDE CERTIFIED TEST DATA THAT THE INSTALLED STEPS CAN WITHSTAND A HORIZONTAL PULLOUT LOAD OF 400 POUNDS WITH THE LOAD APPLIED OVER A WIDTH OF 3-1/2" AND CENTERED ON THE RUNG.

STEPS MUST BE EQUALLY SPACED VERTICALLY IN THE ASSEMBLED MANHOLE AT A MAXIMUM DESIGN DISTANCE OF 16" ON CENTER.

STEPS SHALL BE FABRICATED OF 1/2" DIA. GRADE 60 STEEL REINFORCING ROD WITH MOLDED PLASTIC COVERING.

REF: SEC. 3.5.4 (g)

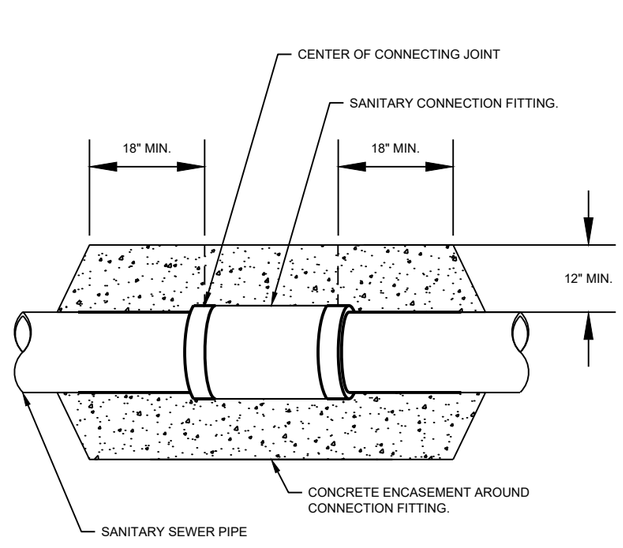
MANHOLE STEP DETAILS	
SCALE: 1-1/2" = 1' JULY 1987	FILE NO. 15



NOTES:
1. PRESSURE APPLICATIONS SHALL USE THE RESTRAINED POSITION.

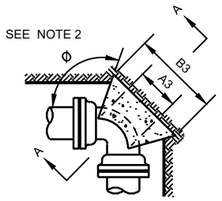
CASING SPACER AND CARRIER PIPE DETAIL

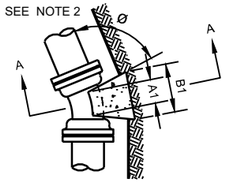
NO SCALE

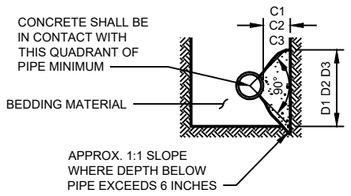


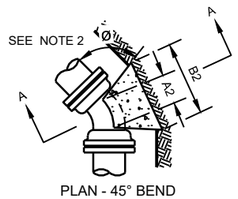
CONNECT TO EXISTING SANITARY SEWER ENCASEMENT

NO SCALE







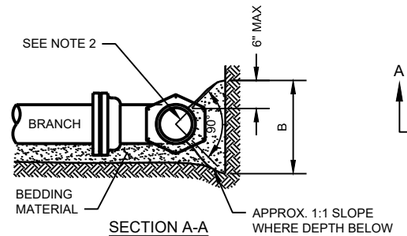


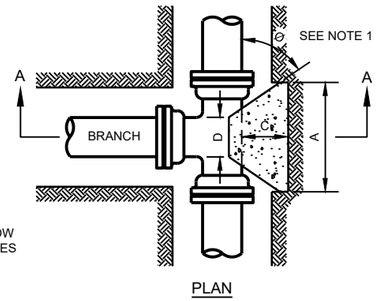
NOTES:
1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEED 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
2. DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
3. DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE MECHANICAL JOINT.
4. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
5. ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS

PIPE SIZE	22 ½° BENDS		45° BENDS		90° BENDS	
	B1	D1	B2	D2	B3	D3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"

BUTTRESS FOR BENDS DETAIL
NO SCALE





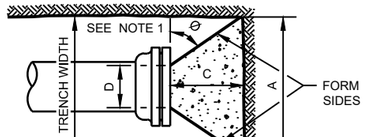
NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø GREATER THAN OR EQUAL TO 45°.
2. CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
3. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95%%% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.

BUTTRESS DIMENSIONS

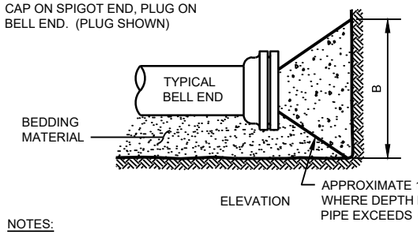
DIA.	A	B	C	D
6"	1'-3"	1'-0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'-6"	1'-4"		
10"	1'-10"	1'-8"		
12"	2'-3"	2'-0"		
16"	3'-2"	2'-6"		
20"	4'-0"	3'-0"		
24"	5'-3"	3'-4"		

DIA. = BRANCH DIAMETER

BUTTRESS FOR TEES DETAIL
NO SCALE



CAP ON SPIGOT END, PLUG ON BELL END. (PLUG SHOWN)

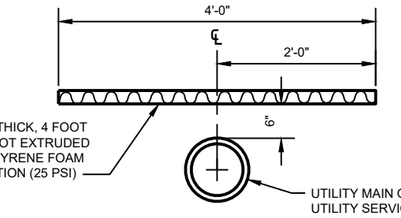


BUTTRESS DIMENSIONS

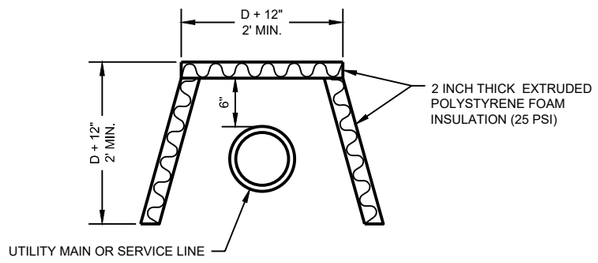
DIA.	A	B	C	D
6"	1'-6"	1'-2"	SEE NOTE NO. 1	SEE NOTE NO. 2
8"	2'-0"	1'-4"		
12"	2'-5"	1'-10"		
16"	3'-4"	2'-4"		
20"	4'-3"	2'-10"		
24"	5'-2"	3'-4"		
30"	6'-9"	4'-0"		

NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
2. DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
3. WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS SHALL BE PERMITTED.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. NO WOOD BUTTRESS ALLOWED.

BUTTRESS FOR PLUGS DETAIL
NO SCALE



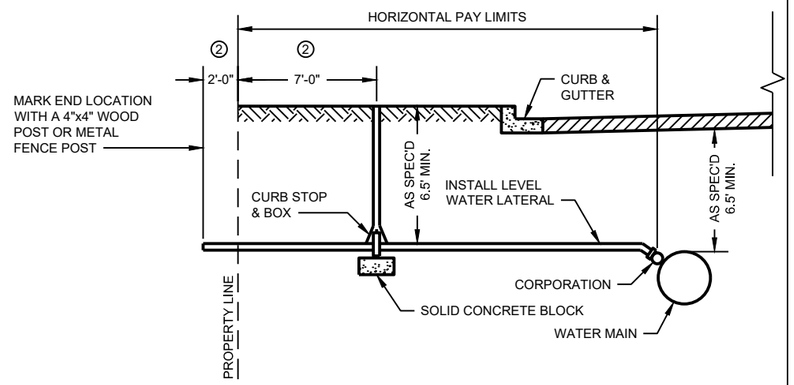
STANDARD INSTALLATION



SIDE PROTECTION INSTALLATION

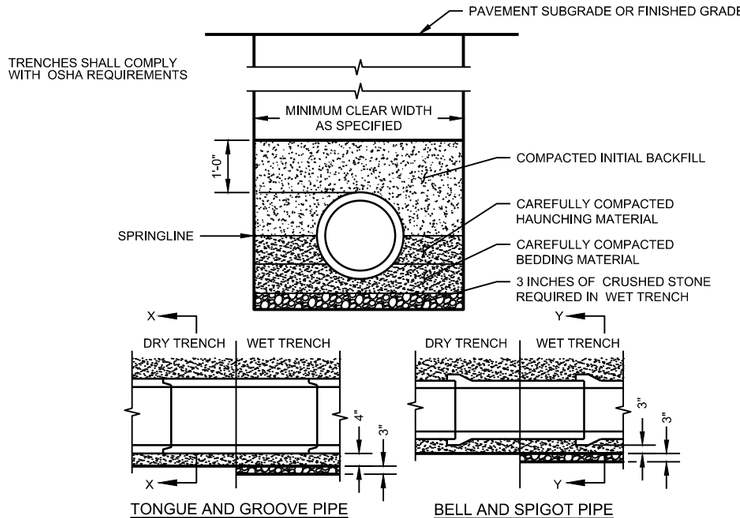
GENERAL NOTES:
1. THE SIDE PROTECTION INSTALLATION SHALL BE USED WHERE FROST WILL PENETRATE BELOW THE PIPE INVERT.

PIPE INSULATION DETAIL
NO SCALE



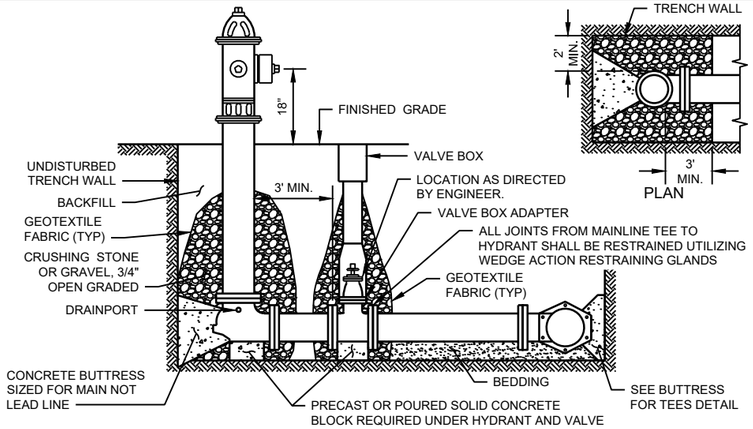
GENERAL NOTES:
1. SEE PLANS AND SPECIFICATIONS FOR SIZE AND TYPE OF CURB STOP AND BOX CORPORATION AND SERVICE LINE.
2. COMMUNITY STANDARDS SHALL SUPERSEDE THE DIMENSIONS FROM THE PROPERTY LINE.

WATER SERVICE DETAIL
NO SCALE

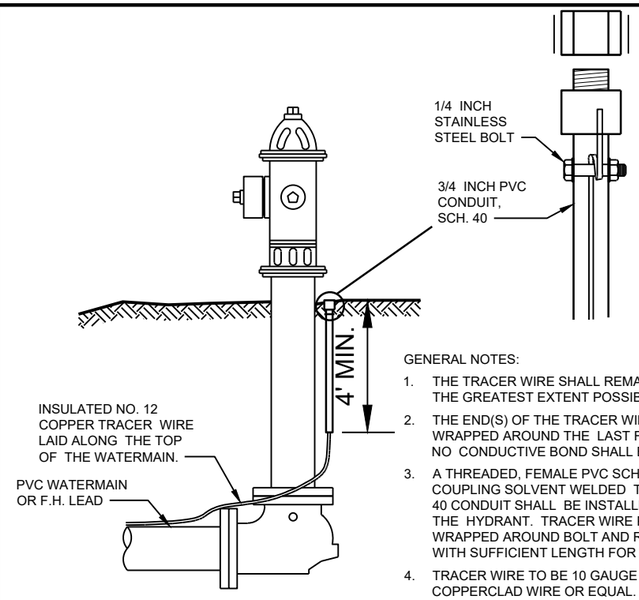


GENERAL NOTES:
1. BEDDING AND HAUNCHING MATERIAL SHALL BE WELL-GRADED 3/4 TO 1/4 INCH CRUSHED STONE OR OTHER NON-COHESIVE MATERIAL NOT SUBJECT TO MIGRATION AND FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
2. BEDDING MATERIAL TO BE PLACED BEFORE SETTING PIPE, 4 INCH MINIMUM UNDER BARREL WITH 3 INCH MINIMUM UNDER BELL.
3. INITIAL BACKFILL SHALL BE DENSELY COMPACTED, NON-COHESIVE FINELY DIVIDED MATERIAL FREE OF DEBRIS, ORGANIC MATERIAL, AND LARGE STONES.
4. IN ROCK OR OTHER UNCOMPRESSIBLE MATERIALS, THE TRENCH SHALL BE OVEREXCAVATED A MINIMUM OF 6-INCHES AND REFILLED WITH GRANULAR MATERIAL.

CLASS "B" EMBEDMENT FOR RIGID PIPE DETAIL
NO SCALE



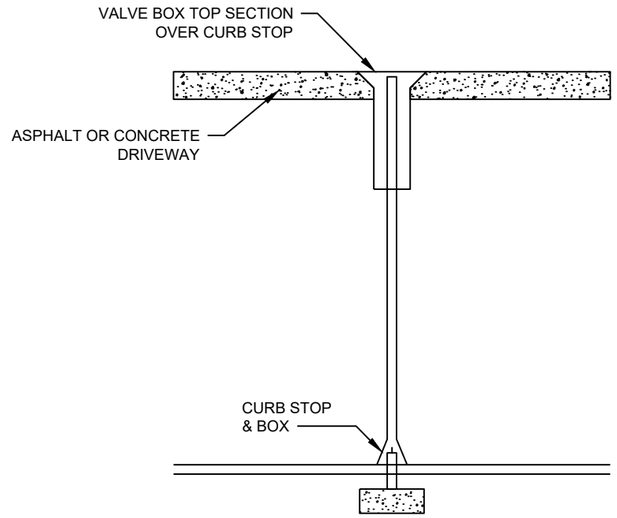
HYDRANT AND LEAD CONNECTION DETAIL
NO SCALE



GENERAL NOTES:

1. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE.
2. THE END(S) OF THE TRACER WIRE SHALL BE WRAPPED AROUND THE LAST FITTING INSTALLED - NO CONDUCTIVE BOND SHALL BE MADE.
3. A THREADED, FEMALE PVC SCH. 40 PLUG AND MALE COUPLING SOLVENT WELDED TO 3/4 INCH PVC SCH. 40 CONDUIT SHALL BE INSTALLED AT THE BACK OF THE HYDRANT. TRACER WIRE PIGTAIL SHALL BE WRAPPED AROUND BOLT AND READILY ACCESSIBLE, WITH SUFFICIENT LENGTH FOR EASY CONNECTION.
4. TRACER WIRE TO BE 10 GAUGE COPPERHEAD COPPERCLAD WIRE OR EQUAL.
5. TRACER WIRE SPLICE KITS TO BE COPPERHEAD 3WB-01 OR EQUAL.
6. TRACER WIRE TERMINATION BOX TO BE BINGHAM & TAYLOR P2b200NFG12W2T.

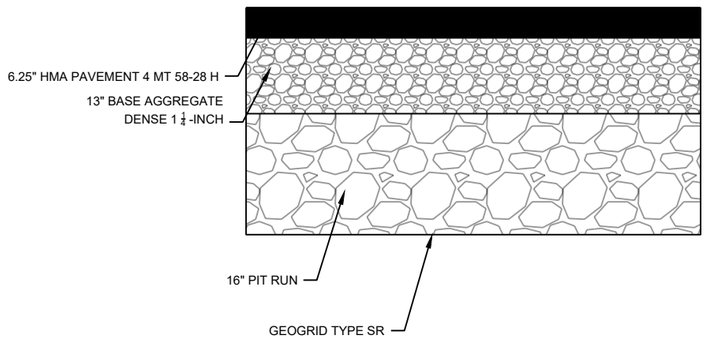
TRACER WIRE INSTALLATION FOR PVC WATERMAIN DETAIL
NO SCALE



CURB STOP IN ASPHALT OR CONCRETE DRIVES DETAIL
NO SCALE

2

THIS SPOT IS INTENTIONALLY LEFT BLANK

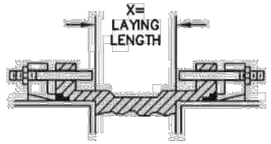


HMA PAVEMENT PATCH TYPICAL SECTION
NO SCALE

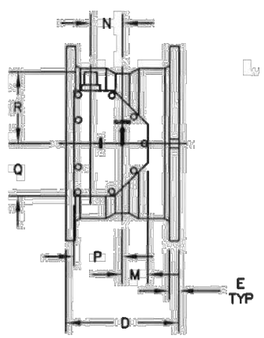
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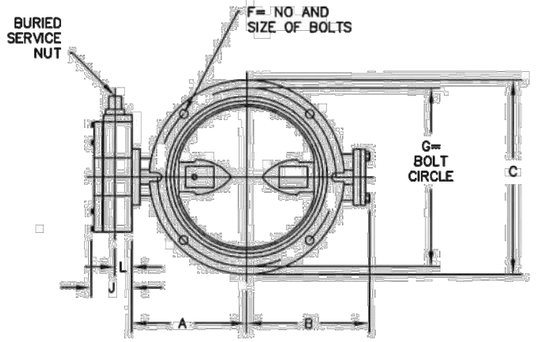
ACTUATOR SIZE	J	L	M	N	P	Q	R	NUMBER OF TURNS
MDT-2S	4-11/16	2	2-1/8	2	4-1/2	4-1/4	8-1/4	32
MDT-3S	5-5/8	2-7/16	3-1/4	3-5/32	5-5/8	5-3/8	10-3/8	30
MDT-4S	6-3/8	2-27/32	3-3/8	4	7-5/16	6-3/4	11-5/16	40
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10	17	44

VALVE SIZE	A	B	C	D	E	F	G	X
4	5-1/2	3-1/2	9	8-1/8	1	4--3/4	7 1/2	3-1/8
6	6-1/2	5-1/8	11	8-1/2	1-1/16	6--3/4	9 1/2	3-1/2
8	7-3/4	6-1/2	13-1/4	8-5/8	1-1/8	6--3/4	11 3/4	3-5/8
10	9	9-3/4	15-9/16	9-1/4	1-3/16	8--3/4	14	4-1/4
12	10-1/2	11-3/8	17-15/16	9-1/4	1-1/4	8--3/4	16-1/4	4 1/4
14	11-7/8	12-3/4	20-5/16	11-1/2	1-5/16	10--3/4	18 3/4	4-1/2
16	13-1/2	14-1/2	22-9/16	12	1-3/8	12--3/4	21	5
18	14-3/8	15-3/8	24-11/16	12-1/4	1-3/8	12--3/4	23-1/4	5-1/4
20	16	17	27-3/32	12-1/2	1-1/2	14--3/4	25-1/2	5-1/2



INSTALLATION DIAGRAM
BOLTS, NUTS, GLANDS
AND GASKETS FURNISHED
BY OTHERS





ACTUATOR POSITION 01

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES. "D" DIMENSION ±1/16" FOR 3" THRU 10" VALVES. "D" DIMENSION ±1/8" FOR 12" THRU 20" VALVES.
2. DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO ANSI/AWWA C111/A21.11.
3. (RECOMMENDATIONS FOR MATING FLANGES) WHERE INSULATING BUSHINGS ARE USED, IT IS NECESSARY THAT BOLT HOLES BE DRILLED OVERSIZE BY AN AMOUNT EQUAL TO TWO TIMES THE INSULATING SLEEVE THICKNESS TO MAINTAIN THE SAME MINIMUM CLEARANCE FOR BOLTS.
4. VALVES MANUFACTURED AND TESTED IN ACCORDANCE WITH AWWA SPECIFICATIONS C-504-LATEST REVISION, CLASS 150B.
5. SEE DRAWING GA-11486MS FOR VALVE CROSS SECTION.

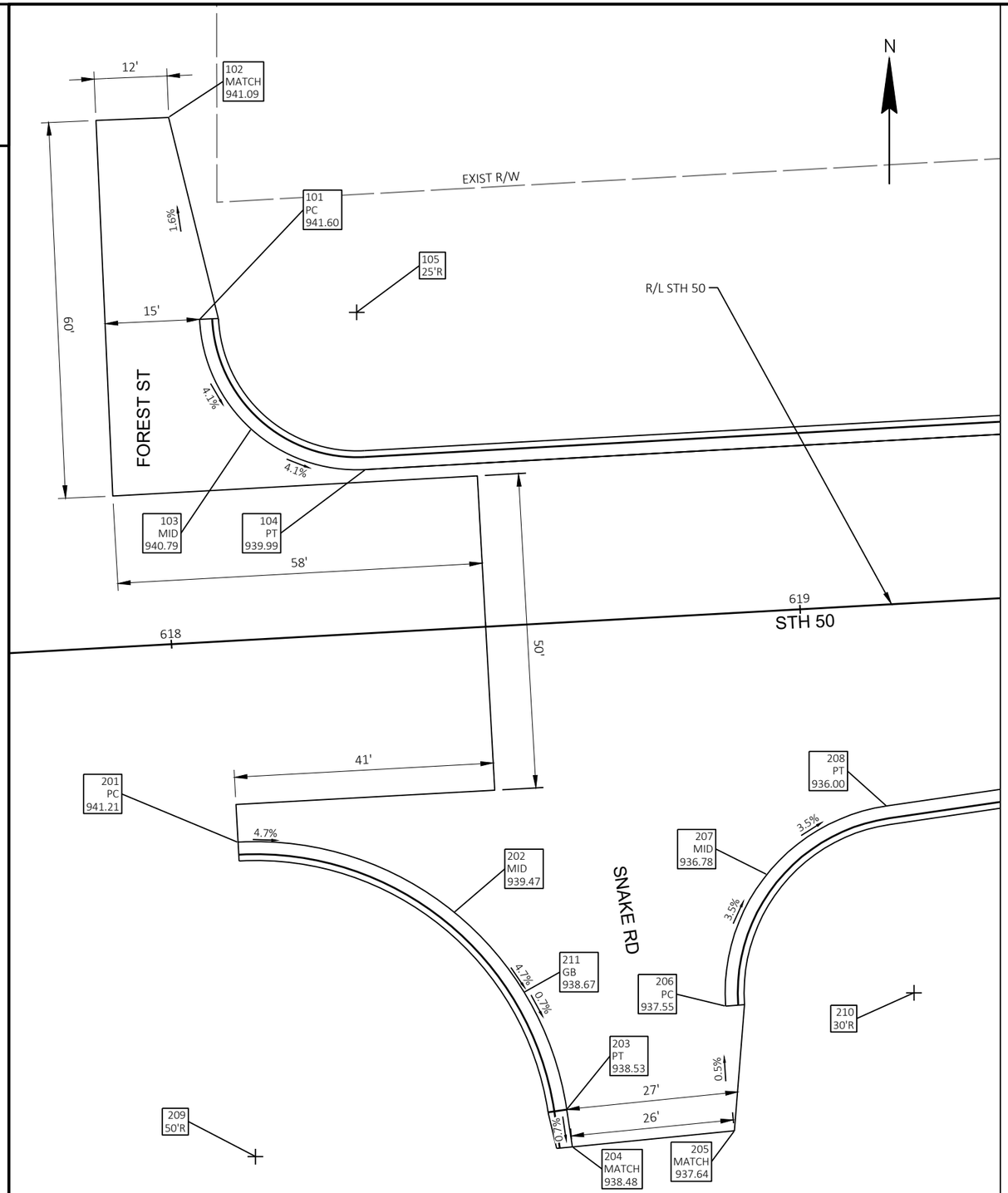
MUELLER COMPANY B3211 SERIES BUTTERFLY VALVE

REV	DATE	DESCRIPTION	DWN	APP
4	5-25-17	CORRECTED TITLE BLOCK	JJR	
3	5-25-17	CHANGED TITLE BLOCK AND TITLE	LF	JJR
2	3-11-09	CHANGED NOTE 2	JLM	JR
1	1-16-05	GA-11485MS wos WS-2014	CEG	JR

Mueller Co.

GENERAL ARRANGEMENT DRAWING
LINESEAL III 150B BUTTERFLY VALVE
4"-20", MECHANICAL JOINT ENDS
MDT W/ BURIED SERVICE NUT

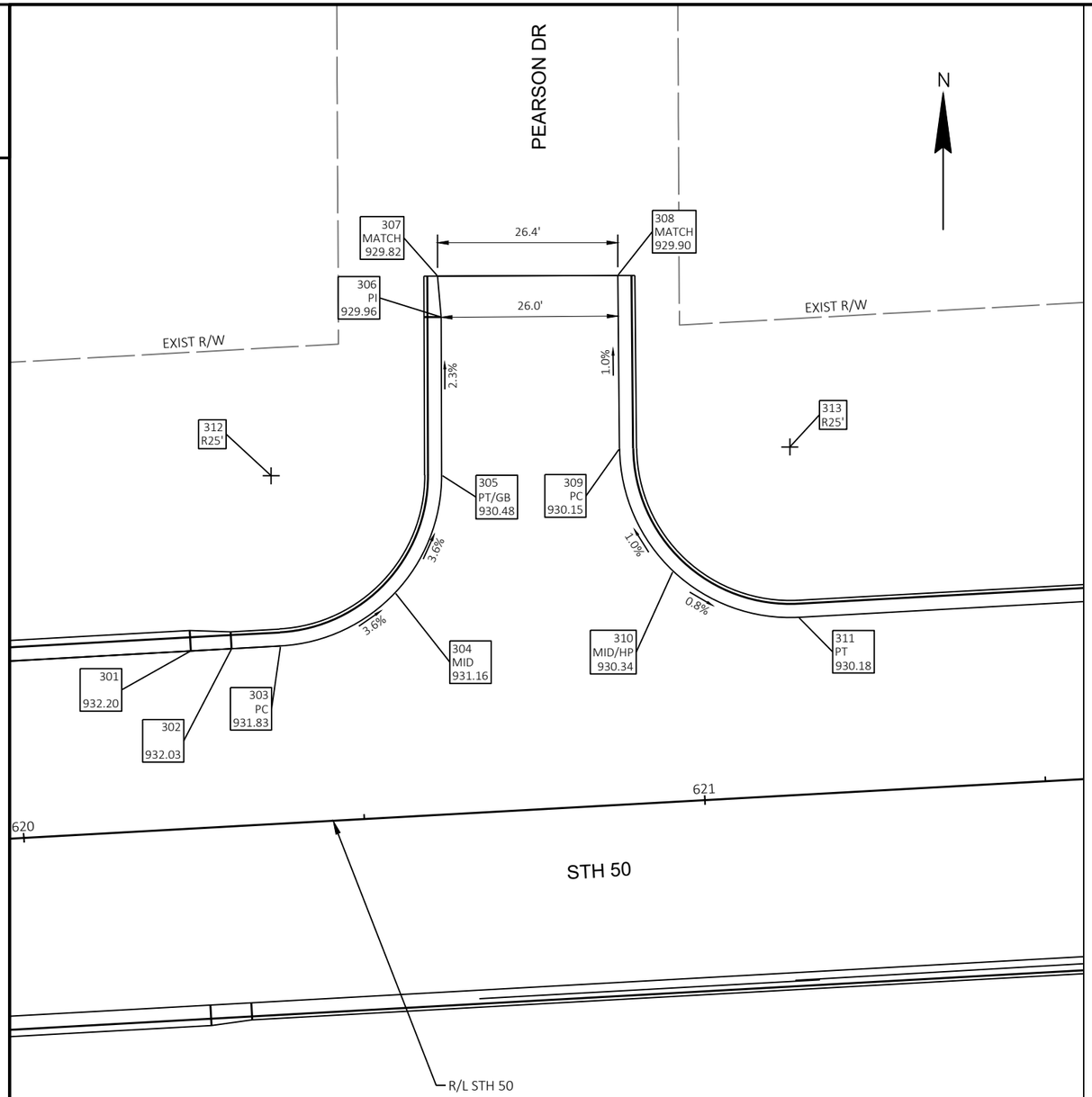
SCALE NONE DATE 5/12/04
DRAWN BY DSL CHECKED BY ES
APPROVED GA-BORDER
DRWG. NO. GA-10705MS REV. 4



FOREST ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
101	618+07.30	51.26' LT	941.60	335,641.55	786,915.13	PC
102	618+04.17	83.57' LT	941.09	335,673.64	786,910.21	MATCH
103	618+14.53	33.41' LT	940.79	335,624.13	786,923.33	MID
104	618+32.30	26.00' LT	939.99	335,617.71	786,941.49	PT
105	618+32.30	51.00' LT	0.00	335,642.67	786,940.10	25'R

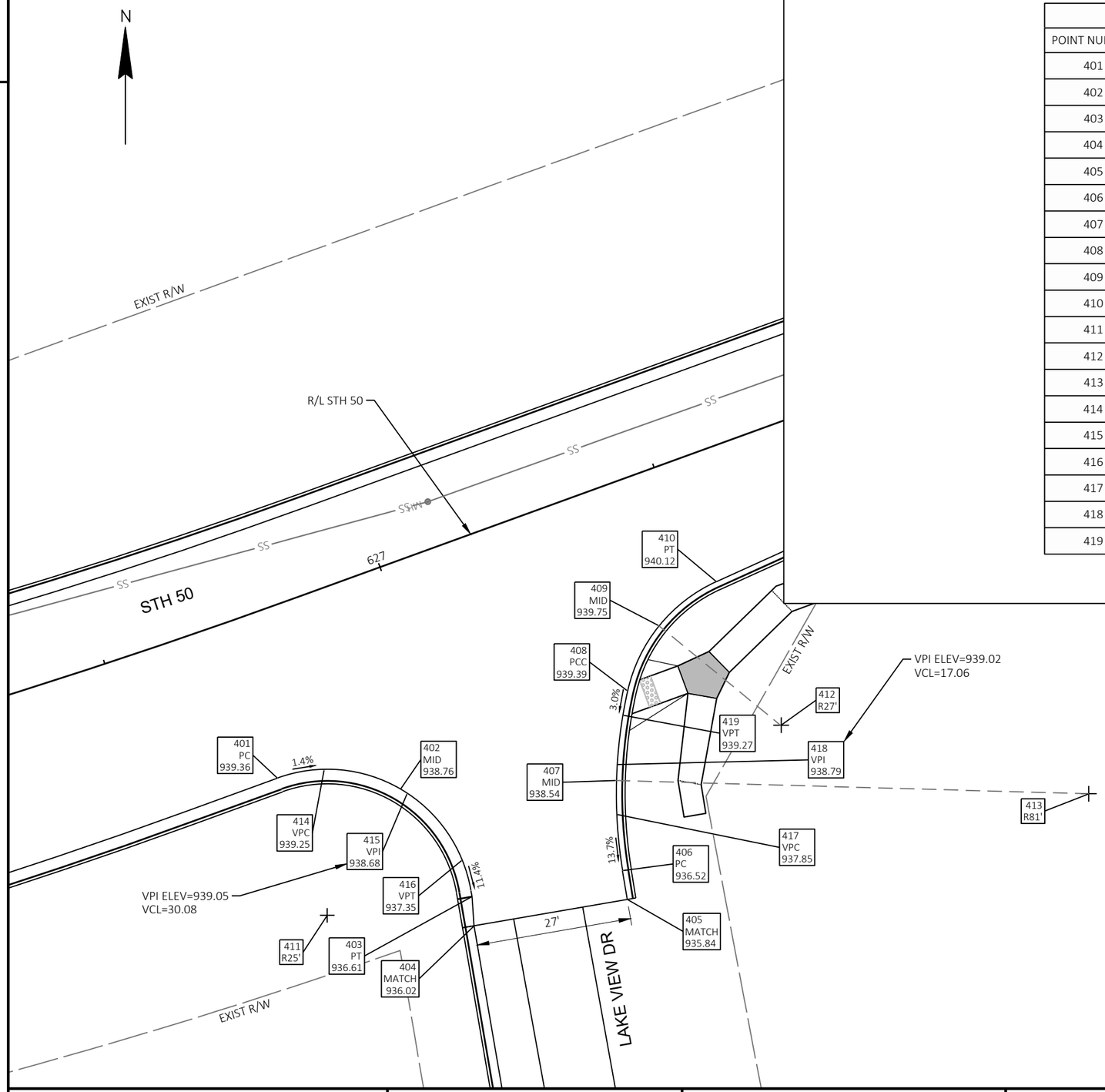
SNAKE RD						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
201	618+08.82	32.00' RT	941.21	335,558.50	786,921.25	PC
202	618+42.46	45.01' RT	939.47	335,547.37	786,955.56	MID
203	618+58.59	77.26' RT	938.53	335,516.06	786,973.46	PT
204	618+59.16	83.24' RT	938.48	335,510.13	786,974.36	MATCH
205	618+85.00	82.10' RT	937.64	335,512.69	787,000.09	MATCH
206	618+84.70	62.26' RT	937.55	335,532.48	786,998.69	PC
207	618+92.40	41.75' RT	936.78	335,553.39	787,005.24	MID
208	619+11.99	31.94' RT	936.00	335,564.27	787,024.26	PT
209	618+08.82	82.00' RT	0.00	335,508.57	786,924.02	50'R
210	619+14.70	61.82' RT	0.00	335,534.59	787,028.62	30'R
211	618+52.85	58.30' RT	938.67	335,534.67	786,966.67	GB

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 48	E

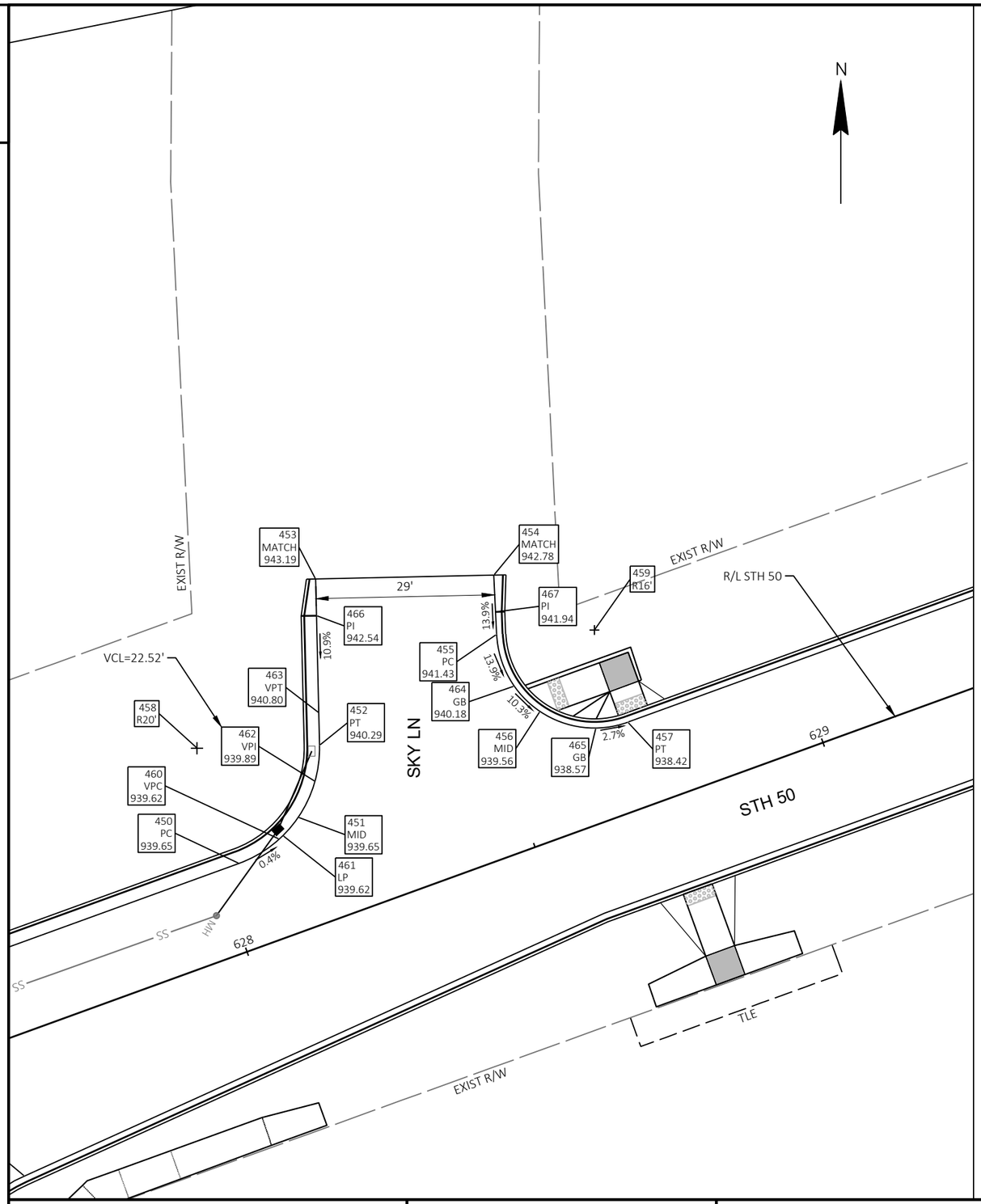


PEARSON RD						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
301	620+25.95	26.01' LT	932.20	335,628.44	787,134.84	
302	620+31.95	26.01' LT	932.03	335,628.77	787,140.83	
303	620+39.14	26.00' LT	931.83	335,629.16	787,148.01	PC
304	620+56.36	32.87' LT	931.16	335,636.97	787,164.82	MID
305	620+64.11	49.71' LT	930.48	335,654.21	787,171.63	PT/GB
306	620+65.31	72.87' LT	929.96	335,677.41	787,171.54	PI
307	620+65.12	78.89' LT	929.82	335,683.41	787,171.03	MATCH
308	620+91.50	77.53' LT	929.90	335,683.51	787,197.44	MATCH
309	620+90.33	52.16' LT	930.15	335,658.11	787,197.67	PC
310	620+97.19	33.77' LT	930.34	335,640.13	787,205.54	MID/HP
311	621+15.20	26.00' LT	930.18	335,633.37	787,223.95	PT
312	620+39.14	51.00' LT	0.00	335,654.12	787,146.63	R25'
313	621+15.30	51.00' LT	0.00	335,658.34	787,222.67	R25'

2



LAKE VIEW DR						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
401	626+71.47	28.09' RT	939.36	335,659.66	787,782.88	PC
402	626+90.31	36.96' RT	938.76	335,657.78	787,803.95	MID
403	626+95.56	58.44' RT	936.61	335,639.38	787,816.22	PT
404	626+94.19	63.27' RT	936.02	335,634.37	787,816.58	MATCH
405	627+20.40	67.97' RT	935.84	335,638.90	787,842.82	MATCH
406	627+21.32	63.05' RT	936.52	335,643.84	787,842.01	PC
407	627+25.61	48.19' RT	938.54	335,659.28	787,840.97	MID
408	627+32.65	34.41' RT	939.39	335,674.63	787,842.88	PCC
409	627+41.53	25.77' RT	939.75	335,685.78	787,848.28	MID
410	627+53.33	22.01' RT	940.12	335,693.35	787,858.09	PT
411	626+71.74	53.08' RT	0.00	335,636.16	787,791.41	R25'
412	627+55.41	48.93' RT	0.00	335,668.75	787,869.23	R27'
413	628+00.94	77.96' RT	0.00	335,656.99	787,921.93	R81'
414	626+79.33	29.34' RT	939.25	335,661.16	787,790.88	VPC
415	626+91.16	38.03' RT	938.68	335,657.07	787,805.12	VPI
416	626+96.12	51.99' RT	937.35	335,645.64	787,814.54	VPT
417	627+23.67	53.66' RT	937.85	335,653.47	787,841.01	VPC
418	627+26.65	45.67' RT	938.79	335,661.99	787,841.09	VPI
419	627+30.46	38.04' RT	939.27	335,670.46	787,842.06	VPT

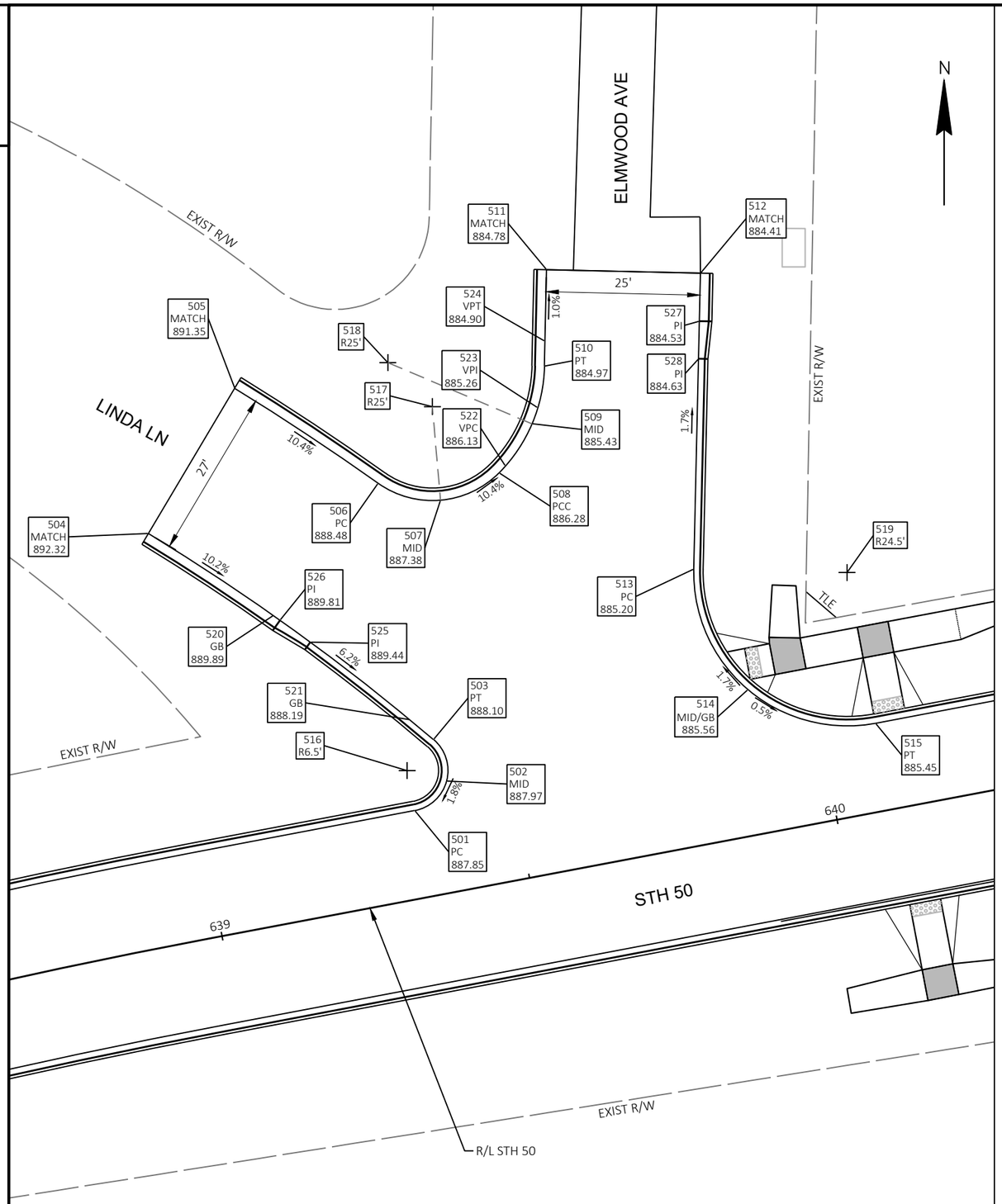


SKY LN						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
450	628+03.66	14.00' LT	939.65	335,744.37	787,893.11	PC
451	628+15.34	17.76' LT	939.65	335,751.89	787,902.80	MID
452	628+22.62	27.63' LT	940.29	335,763.65	787,906.28	PT
453	628+31.27	53.35' LT	943.19	335,790.77	787,905.63	MATCH
454	628+58.83	44.02' LT	942.78	335,791.41	787,934.72	MATCH
455	628+55.93	34.78' LT	941.43	335,781.74	787,935.15	PC
456	628+58.31	20.53' LT	939.56	335,769.15	787,942.25	MID
457	628+71.20	14.00' LT	938.42	335,767.42	787,956.60	PT
458	628+03.66	34.00' LT	944.01	335,763.17	787,886.28	R20'
459	628+71.20	30.00' LT	0.00	335,782.46	787,951.14	R16'
460	628+11.20	15.47' LT	939.62	335,748.32	787,899.69	VPC
461	628+11.95	15.80' LT	939.62	335,748.89	787,900.29	LP
462	628+19.92	22.35' LT	939.89	335,757.77	787,905.54	VPI
463	628+24.31	32.67' LT	940.80	335,768.96	787,906.15	VPT
464	628+55.74	25.88' LT	940.18	335,773.31	787,938.01	GB
465	628+65.96	14.88' LT	938.57	335,766.46	787,951.37	GB
466	628+29.36	47.67' LT	942.54	335,784.79	787,905.77	PI
467	628+57.03	38.29' LT	941.94	335,785.42	787,934.99	PI

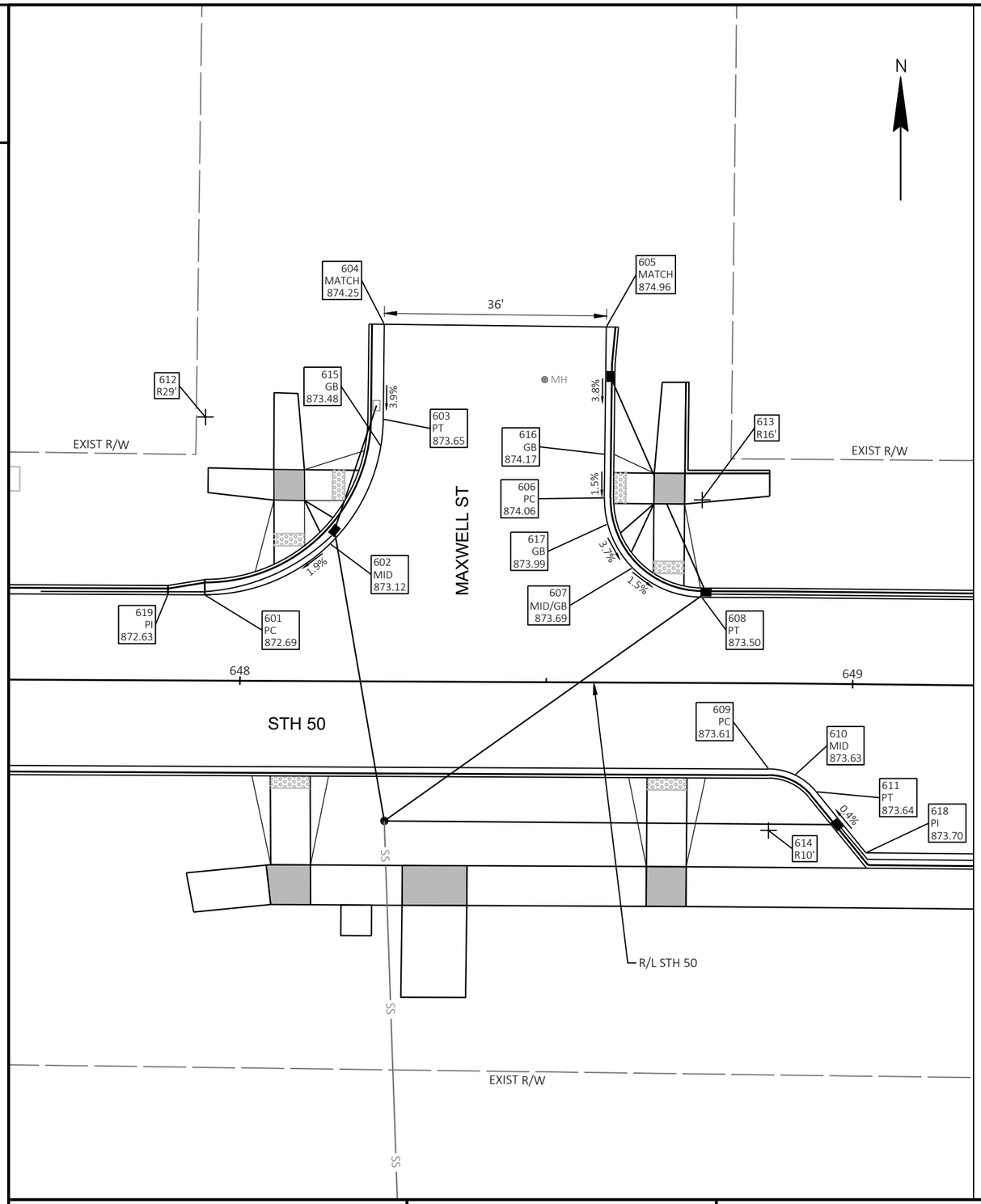
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 51	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 04-SkyLn
PLOT DATE : 9/28/2026 4:30 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



LINDA LN & ELMWOOD AVE						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
501	639+33.98	14.00' LT	887.85	336,111.19	788,963.50	PC
502	639+39.85	17.70' LT	887.97	336,115.91	788,968.57	MID
503	639+39.04	24.58' LT	888.10	336,122.53	788,966.50	PT
504	639+00.40	65.41' LT	892.32	336,155.45	788,920.94	MATCH
505	639+18.30	85.61' LT	891.35	336,178.63	788,934.77	MATCH
506	639+37.96	66.47' LT	888.48	336,163.49	788,957.64	PC
507	639+47.26	61.95' LT	887.38	336,160.78	788,967.62	MID
508	639+57.27	64.52' LT	886.28	336,165.16	788,976.98	PCC
509	639+63.89	71.23' LT	885.43	336,172.99	788,982.23	MID
510	639+67.55	79.92' LT	884.97	336,182.20	788,984.21	PT
511	639+70.75	94.99' LT	884.78	336,197.61	788,984.55	MATCH
512	639+94.83	89.87' LT	884.41	336,197.06	789,009.17	MATCH
513	639+84.96	43.61' LT	885.20	336,149.77	789,008.08	PC
514	639+89.88	23.09' LT	885.56	336,130.52	789,016.73	MID/GB
515	640+08.93	14.00' LT	885.45	336,125.14	789,037.14	PT
516	639+33.98	20.50' LT	888.31	336,117.58	788,962.29	R6.5'
517	639+48.76	76.88' LT	0.00	336,175.72	788,966.32	R25'
518	639+43.09	85.11' LT	0.00	336,182.76	788,959.21	R25'
519	640+08.93	38.50' LT	0.00	336,149.21	789,032.58	R24.5'
520	639+17.59	48.82' LT	889.89	336,142.35	788,940.92	GB
521	639+35.90	28.41' LT	888.19	336,125.71	788,962.71	GB
522	639+58.46	65.39' LT	886.13	336,166.24	788,977.99	VPC
523	639+65.28	73.59' LT	885.26	336,175.57	788,983.16	VPI
524	639+68.38	83.83' LT	884.90	336,186.21	788,984.30	VPT
525	639+22.61	43.53' LT	889.44	336,138.09	788,946.83	PI
526	639+18.49	47.89' LT	889.81	336,141.61	788,941.97	PI
527	639+93.23	82.36' LT	884.53	336,189.39	789,008.99	PI
528	639+91.98	76.50' LT	884.63	336,183.39	789,008.85	PI

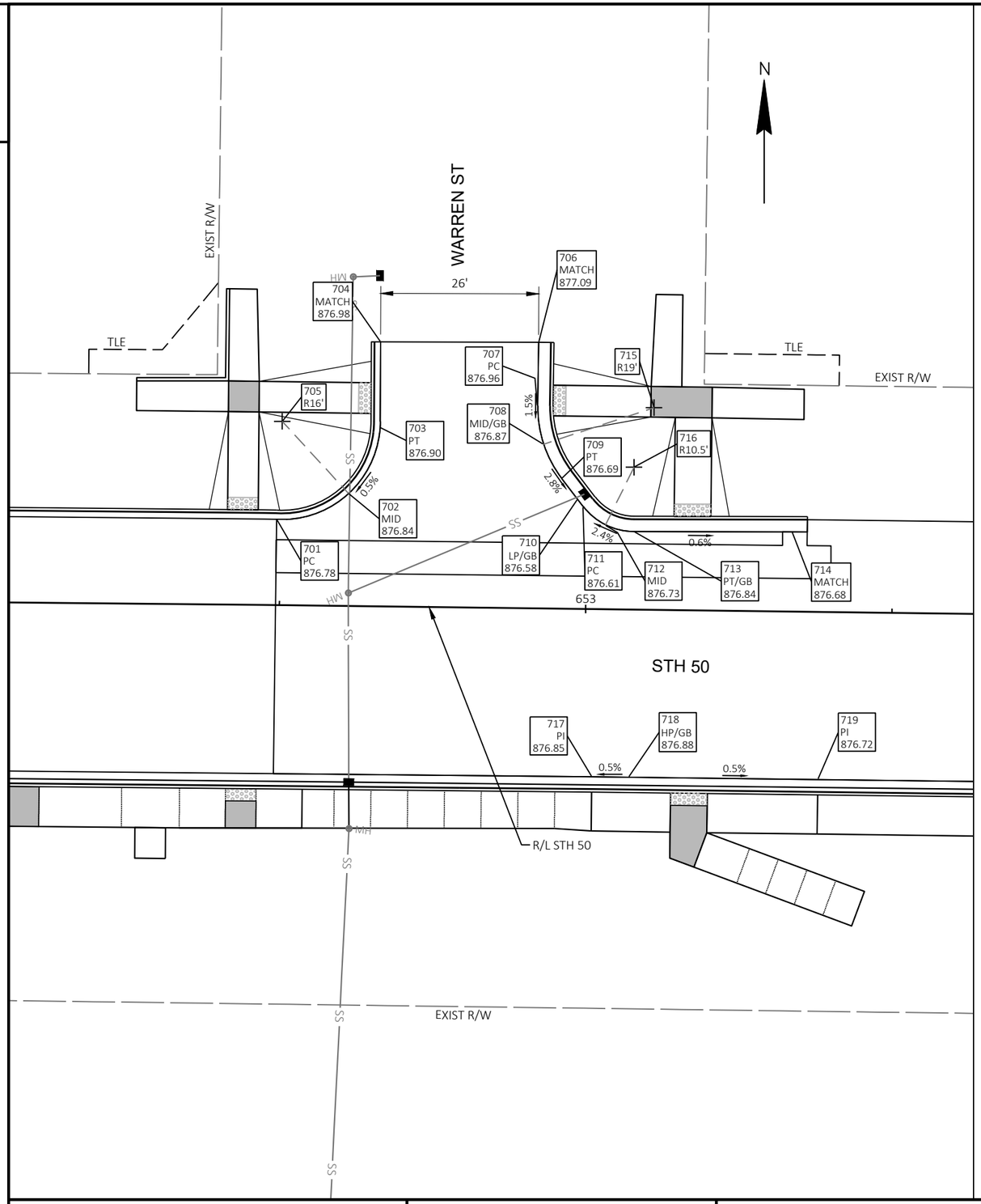


MAXWELL ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
601	647+94.17	14.00' LT	872.69	336,208.39	789,818.07	PC
602	648+14.61	22.42' LT	873.12	336,216.72	789,838.55	MID
603	648+23.17	42.80' LT	873.65	336,237.05	789,847.21	PT
604	648+23.27	58.30' LT	874.25	336,252.55	789,847.39	MATCH
605	648+59.52	58.03' LT	874.96	336,252.10	789,883.63	MATCH
606	648+59.31	30.12' LT	874.06	336,224.19	789,883.29	PC
607	648+63.95	18.73' LT	873.69	336,212.78	789,887.87	MID/GB
608	648+75.30	14.00' LT	873.50	336,207.99	789,899.21	PT
609	648+86.38	14.00' RT	873.61	336,179.94	789,910.14	PC
610	648+90.72	14.94' RT	873.63	336,178.97	789,914.40	MID
611	648+94.18	17.60' RT	873.64	336,176.27	789,917.84	PT
612	647+94.17	43.00' LT	0.00	336,237.39	789,818.21	R29'
613	648+75.30	30.00' LT	0.00	336,223.99	789,899.28	R16'
614	648+86.38	24.00' RT	0.00	336,169.94	789,910.09	R10'
615	648+22.81	38.42' LT	873.48	336,232.67	789,846.83	GB
616	648+59.36	37.25' LT	874.17	336,231.33	789,883.37	GB
617	648+59.85	25.86' LT	873.99	336,219.93	789,883.81	GB
618	649+02.44	27.50' RT	873.70	336,166.29	789,925.99	PI
619	647+88.17	14.00' LT	872.63	336,208.42	789,812.07	PI

2

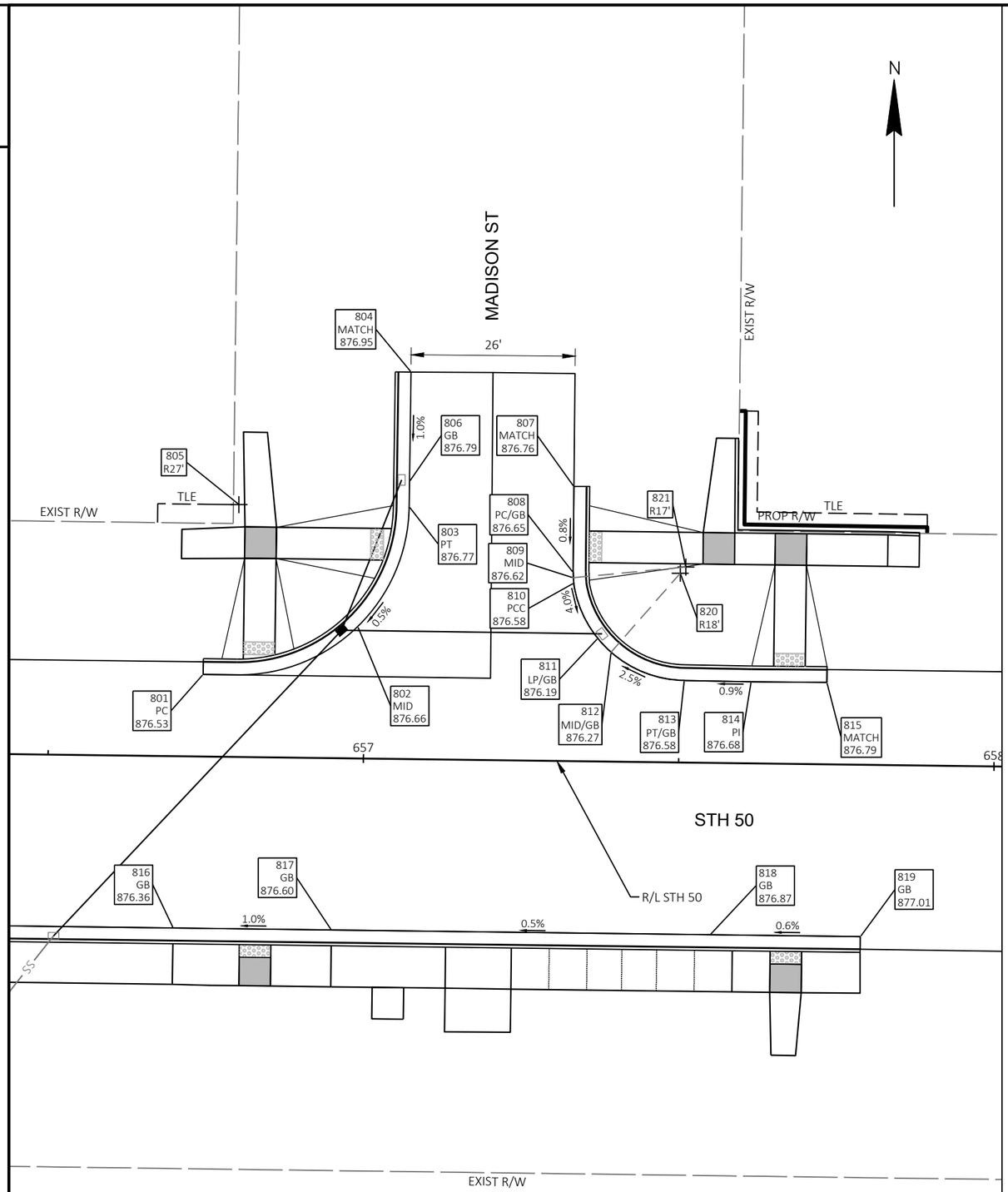
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 53	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 06-Maxwell St
PLOT DATE : 9/28/2026 4:30 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



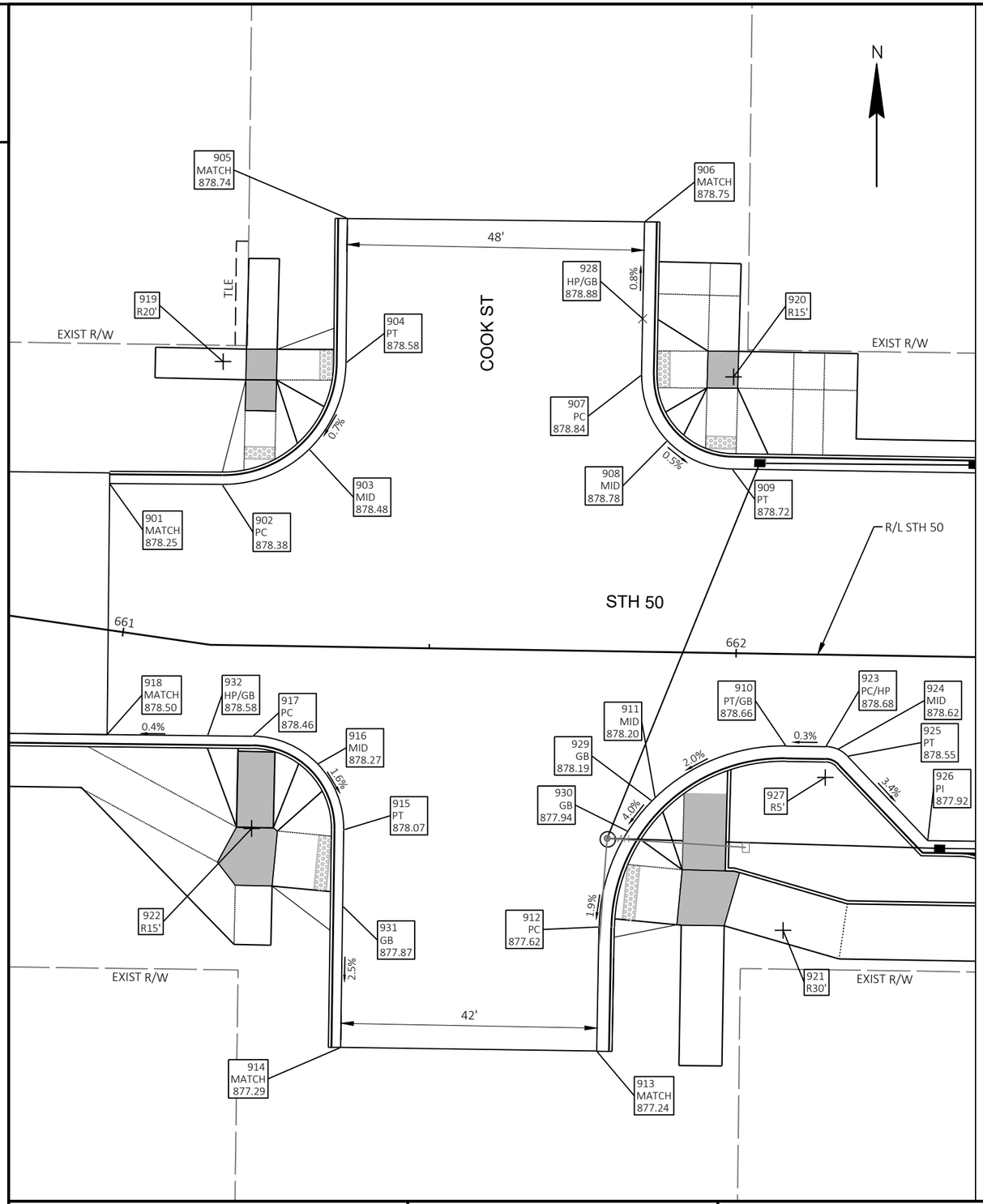
WARREN ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
701	652+49.37	14.00' LT	876.81	336,204.31	790,273.36	PC
702	652+61.05	18.37' LT	0.00	336,208.53	790,285.10	MID
703	652+66.06	29.21' LT	0.00	336,219.31	790,290.24	PT
704	652+65.97	43.14' LT	876.98	336,233.24	790,290.32	MATCH
705	652+50.09	29.98' LT	877.87	336,220.29	790,274.28	R16'
706	652+91.78	43.38' LT	877.09	336,233.16	790,316.13	MATCH
707	652+91.74	33.03' LT	876.96	336,222.81	790,315.97	PC
708	652+92.78	26.78' LT	876.87	336,216.55	790,316.93	MID/GB
709	652+95.81	21.22' LT	876.69	336,210.95	790,319.89	PT
710	652+98.43	17.89' LT	876.58	336,207.58	790,322.47	LP/GB
711	652+99.34	16.73' LT	876.61	336,206.42	790,323.36	PC
712	653+03.06	13.75' LT	876.73	336,203.39	790,327.04	MID
713	653+07.71	12.72' LT	876.84	336,202.30	790,331.68	PT/GB
714	653+33.51	13.00' LT	876.68	336,202.26	790,357.48	MATCH
715	653+10.74	32.97' LT	877.90	336,222.51	790,334.97	R19'
716	653+07.60	23.22' LT	877.41	336,212.80	790,331.70	R10.5'
717	653+01.34	27.34' RT	876.85	336,162.33	790,324.81	PI
718	653+07.34	27.34' RT	876.88	336,162.25	790,330.80	HP/GB
719	653+38.22	27.34' RT	876.72	336,161.86	790,361.69	PI

2



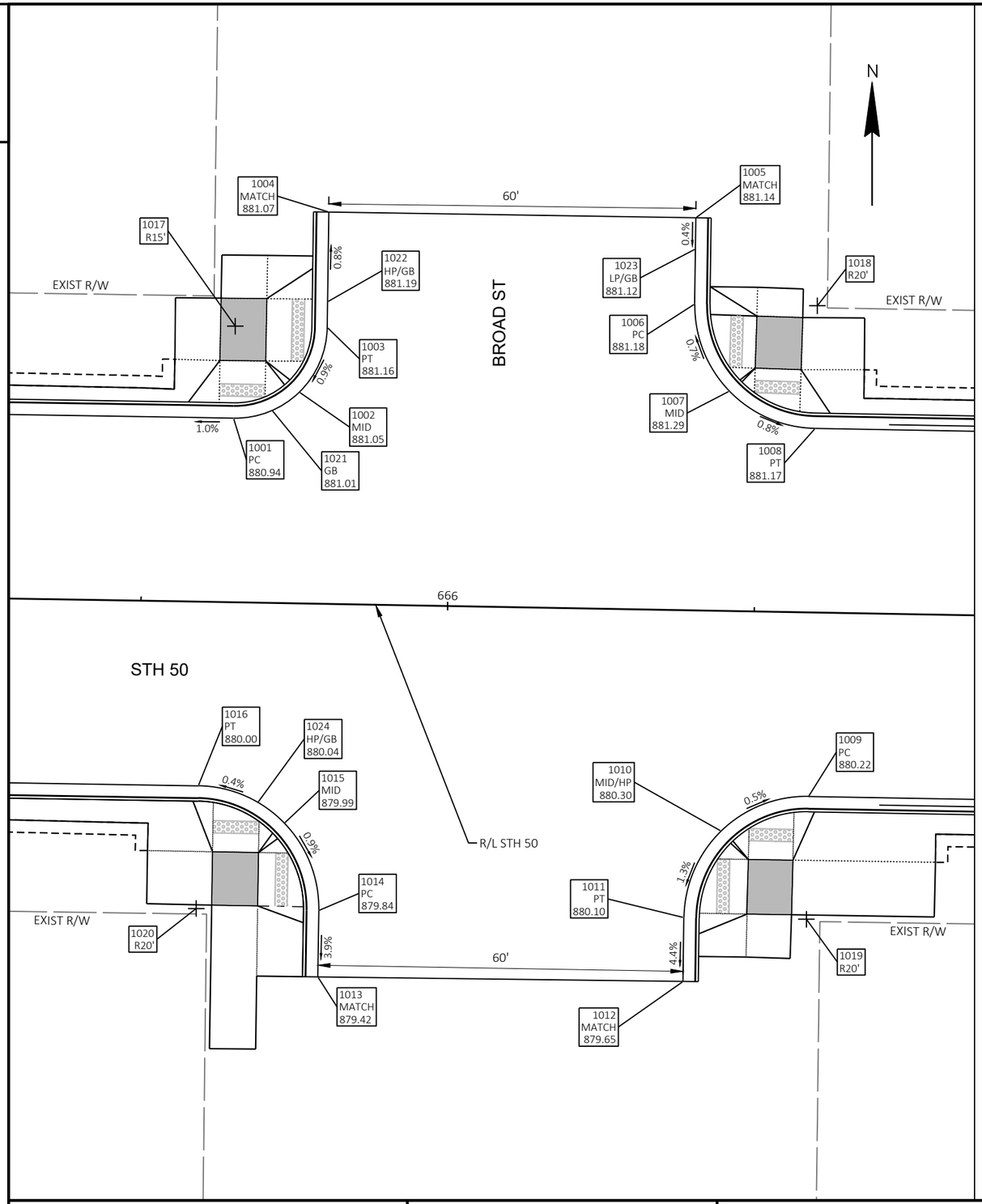
MADSION ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
801	656+74.42	13.00' LT	876.53	336,197.98	790,698.37	PC
802	656+98.85	20.90' LT	876.66	336,205.58	790,722.89	MID
803	657+06.77	39.98' LT	876.77	336,224.55	790,731.05	PT
804	657+06.79	61.34' LT	876.95	336,245.91	790,731.33	MATCH
805	656+79.77	40.00' LT	0.00	336,224.91	790,704.05	R27'
806	657+06.77	44.01' LT	876.79	336,228.59	790,731.10	GB
807	657+32.84	43.55' LT	876.76	336,227.80	790,757.16	MATCH
808	657+32.87	29.96' LT	876.65	336,214.21	790,757.02	PC/GB
809	657+32.90	29.08' LT	876.62	336,213.33	790,757.04	MID
810	657+32.97	28.20' LT	876.58	336,212.45	790,757.10	PCC
811	657+36.92	19.48' LT	876.19	336,203.68	790,760.94	LP/GB
812	657+39.05	17.32' LT	876.27	336,201.49	790,763.04	MID/GB
813	657+50.71	13.00' LT	876.58	336,197.03	790,774.64	PT/GB
814	657+61.33	12.94' LT	876.68	336,196.83	790,785.27	PI
815	657+73.33	12.99' LT	876.79	336,196.73	790,797.27	MATCH
816	656+70.18	27.25' RT	876.36	336,157.79	790,693.61	GB
817	656+95.27	27.25' RT	876.60	336,157.47	790,718.71	GB
818	657+55.33	27.25' RT	876.87	336,156.72	790,778.76	GB
819	657+79.15	27.25' RT	877.01	336,156.42	790,802.58	GB
820	657+49.87	30.00' LT	877.50	336,214.04	790,774.02	R18'
821	657+50.74	31.00' LT	877.57	336,215.02	790,774.91	R17'

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 55	E



COOK ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
901	660+94.35	23.63' LT	878.25	336,192.95	791,120.69	MATCH
902	661+12.50	26.12' LT	878.38	336,192.80	791,139.02	PC
903	661+29.94	32.09' LT	878.48	336,198.53	791,153.19	MID
904	661+35.70	46.24' LT	878.58	336,212.59	791,159.18	PT
905	661+35.57	69.77' LT	878.74	336,236.12	791,159.43	MATCH
906	661+83.96	70.02' LT	878.75	336,235.58	791,207.82	MATCH
907	661+83.86	45.06' LT	878.84	336,210.63	791,207.32	PC
908	661+88.24	34.41' LT	878.78	336,199.92	791,211.52	MID
909	661+98.86	30.00' LT	878.72	336,195.33	791,222.08	PT
910	662+08.38	15.00' RT	878.66	336,150.19	791,230.87	PT/GB
911	661+87.20	23.76' RT	878.20	336,141.77	791,209.55	MID
912	661+78.38	44.92' RT	877.62	336,120.75	791,200.39	PC
913	661+78.33	65.16' RT	877.24	336,100.52	791,200.01	MATCH
914	661+36.64	65.23' RT	877.29	336,101.12	791,158.32	MATCH
915	661+36.57	29.77' RT	878.07	336,136.57	791,158.83	PT
916	661+32.14	19.16' RT	878.27	336,147.26	791,154.57	MID
917	661+21.50	14.80' RT	878.46	336,151.79	791,144.00	PC
918	660+99.82	16.90' RT	878.50	336,152.06	791,120.28	MATCH
919	661+09.79	45.93' LT	0.00	336,212.80	791,139.18	R20'
920	661+98.86	45.00' LT	879.17	336,210.33	791,222.32	R15'
921	662+08.38	45.00' RT	0.00	336,120.19	791,230.39	R30'
922	661+21.57	29.80' RT	878.17	336,136.79	791,143.83	R15'
923	662+14.85	15.00' RT	878.68	336,150.08	791,237.34	PC/HP
924	662+16.78	15.39' RT	878.62	336,149.66	791,239.26	MID
925	662+18.41	16.49' RT	878.55	336,148.53	791,240.88	PT
926	662+31.71	30.00' RT	877.92	336,134.81	791,253.95	PI
927	662+14.85	20.00' RT	0.00	336,145.08	791,237.26	R5'
928	661+83.90	54.23' LT	878.88	336,219.80	791,207.50	HP/GB
929	661+86.67	24.29' RT	878.19	336,141.25	791,209.02	GB
930	661+82.82	29.29' RT	877.94	336,136.31	791,205.08	GB
931	661+36.59	42.24' RT	877.87	336,124.11	791,158.65	GB
932	661+14.30	14.83' RT	878.58	336,151.87	791,136.65	HP/GB

2

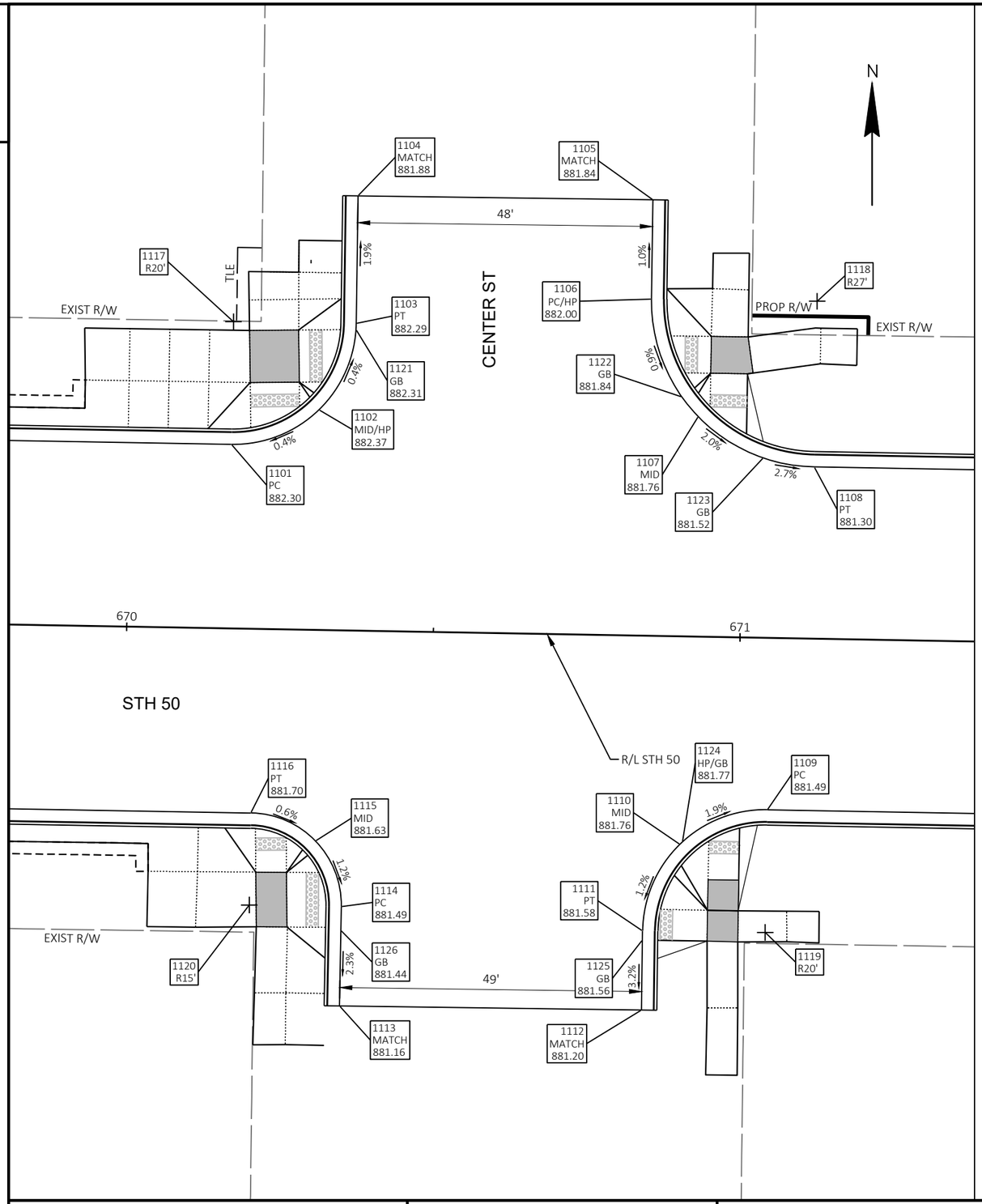


BROAD ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1001	665+64.58	30.00' LT	880.94	336,189.43	791,587.79	PC
1002	665+75.21	34.42' LT	881.05	336,193.66	791,598.49	MID
1003	665+79.58	45.07' LT	881.16	336,204.24	791,603.05	PT
1004	665+79.49	63.87' LT	881.07	336,223.03	791,603.29	MATCH
1005	666+39.34	63.98' LT	881.14	336,222.09	791,663.13	MATCH
1006	666+39.41	49.90' LT	881.18	336,208.02	791,662.95	PC
1007	666+45.30	35.82' LT	881.29	336,193.84	791,668.60	MID
1008	666+59.41	30.00' LT	881.17	336,187.77	791,682.60	PT
1009	666+59.38	30.00' RT	880.22	336,127.78	791,681.52	PC
1010	666+45.20	35.89' RT	880.30	336,122.14	791,667.24	MID/HP
1011	666+39.38	50.09' RT	880.10	336,108.04	791,661.17	PT
1012	666+39.42	60.50' RT	879.65	336,097.64	791,661.04	MATCH
1013	665+79.88	60.79' RT	879.42	336,098.39	791,601.49	MATCH
1014	665+79.87	49.99' RT	879.84	336,109.19	791,601.67	PC
1015	665+74.01	35.85' RT	879.99	336,123.42	791,596.06	MID
1016	665+59.87	30.00' RT	880.00	336,129.52	791,582.03	PT
1017	665+64.58	45.00' LT	881.49	336,204.43	791,588.05	R15'
1018	666+59.41	50.00' LT	0.00	336,207.77	791,682.95	R20'
1019	666+59.38	50.00' RT	0.00	336,107.78	791,681.17	R20'
1020	665+59.87	50.00' RT	0.00	336,109.53	791,581.68	R20'
1021	665+70.83	31.37' LT	881.01	336,190.69	791,594.06	GB
1022	665+79.56	49.25' LT	881.19	336,208.41	791,603.10	HP/GB
1023	666+39.36	58.88' LT	881.12	336,217.00	791,663.07	LP/GB
1024	665+69.62	32.54' RT	880.04	336,126.82	791,591.73	HP/GB

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 57	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 10-Broad St
PLOT DATE : 9/28/2026 4:31 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

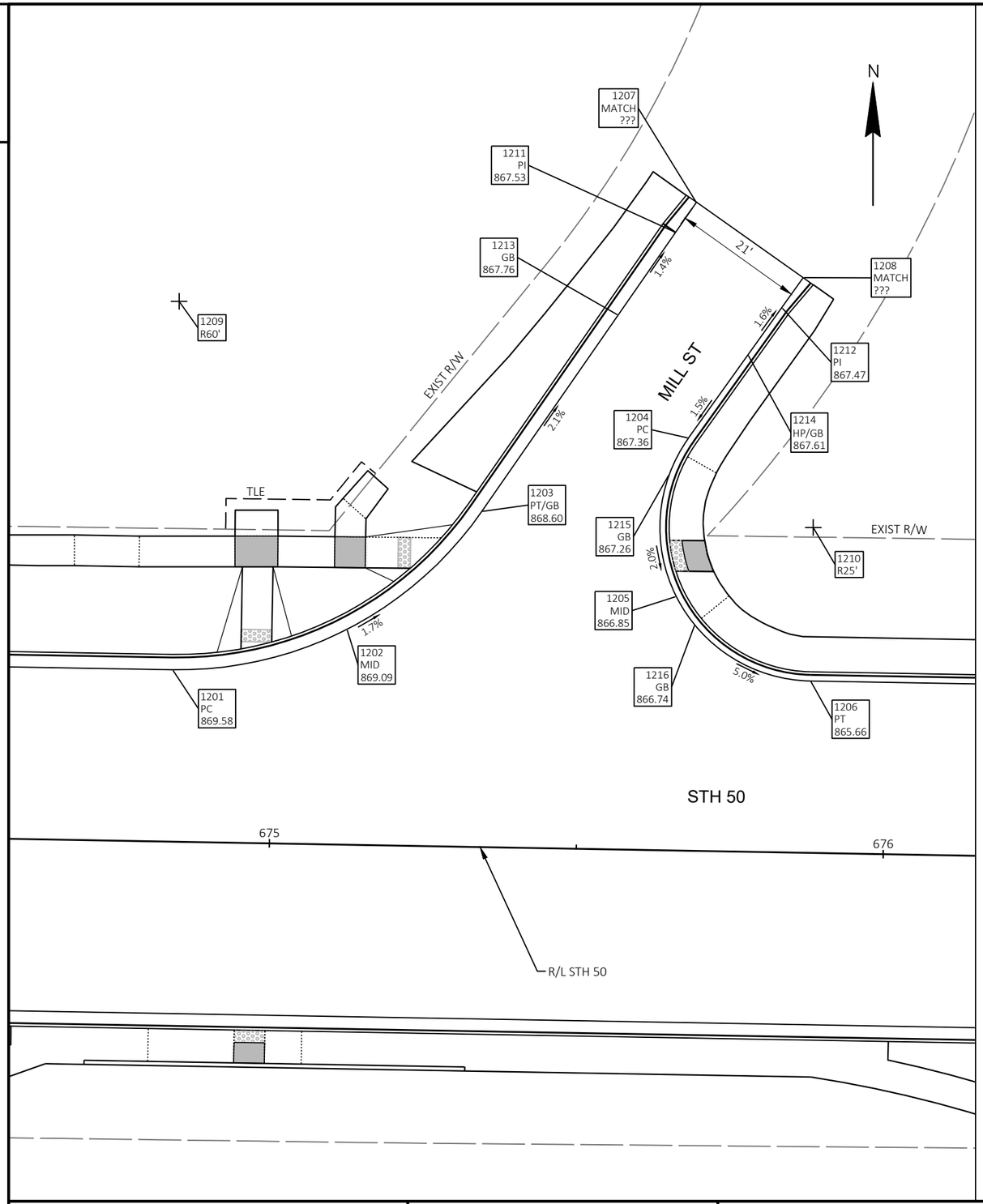


CENTER ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1101	670+16.54	30.00' LT	882.30	336,181.50	792,039.68	PC
1102	670+30.70	35.88' LT	882.37	336,187.14	792,053.95	MID/HP
1103	670+36.54	50.07' LT	882.29	336,201.22	792,060.03	PT
1104	670+36.47	70.87' LT	881.88	336,222.02	792,060.32	MATCH
1105	670+84.54	71.06' LT	881.84	336,221.36	792,108.39	MATCH
1106	670+84.61	54.88' LT	882.00	336,205.19	792,108.18	PC/HP
1107	670+92.56	35.87' LT	881.76	336,186.04	792,115.79	MID
1108	671+11.61	28.00' LT	881.30	336,177.84	792,134.70	PT
1109	671+04.95	28.00' RT	881.49	336,121.96	792,127.06	PC
1110	670+90.79	33.89' RT	881.76	336,116.32	792,112.79	MID
1111	670+84.95	48.08' RT	881.58	336,102.24	792,106.71	PT
1112	670+85.00	61.00' RT	881.20	336,089.32	792,106.54	MATCH
1113	670+35.78	61.18' RT	881.16	336,090.00	792,057.31	MATCH
1114	670+35.77	44.99' RT	881.49	336,106.19	792,057.59	PC
1115	670+31.37	34.39' RT	881.63	336,116.86	792,053.38	MID
1116	670+20.77	30.00' RT	881.70	336,121.44	792,042.85	PT
1117	670+16.54	50.00' LT	0.00	336,201.50	792,040.03	R20'
1118	671+11.61	55.00' LT	0.00	336,204.83	792,135.17	R27'
1119	671+04.95	48.00' RT	0.00	336,101.96	792,126.71	R20'
1120	670+20.77	45.00' RT	881.72	336,106.44	792,042.59	R15'
1121	670+36.52	49.07' LT	882.31	336,200.22	792,059.99	GB
1122	670+89.84	39.02' LT	881.84	336,189.24	792,113.13	GB
1123	671+03.27	29.32' LT	881.52	336,179.30	792,126.39	GB
1124	670+91.19	33.49' RT	881.77	336,116.71	792,113.20	HP/GB
1125	670+84.96	49.58' RT	881.56	336,100.74	792,106.69	GB
1126	670+35.77	48.88' RT	881.44	336,102.30	792,057.52	GB

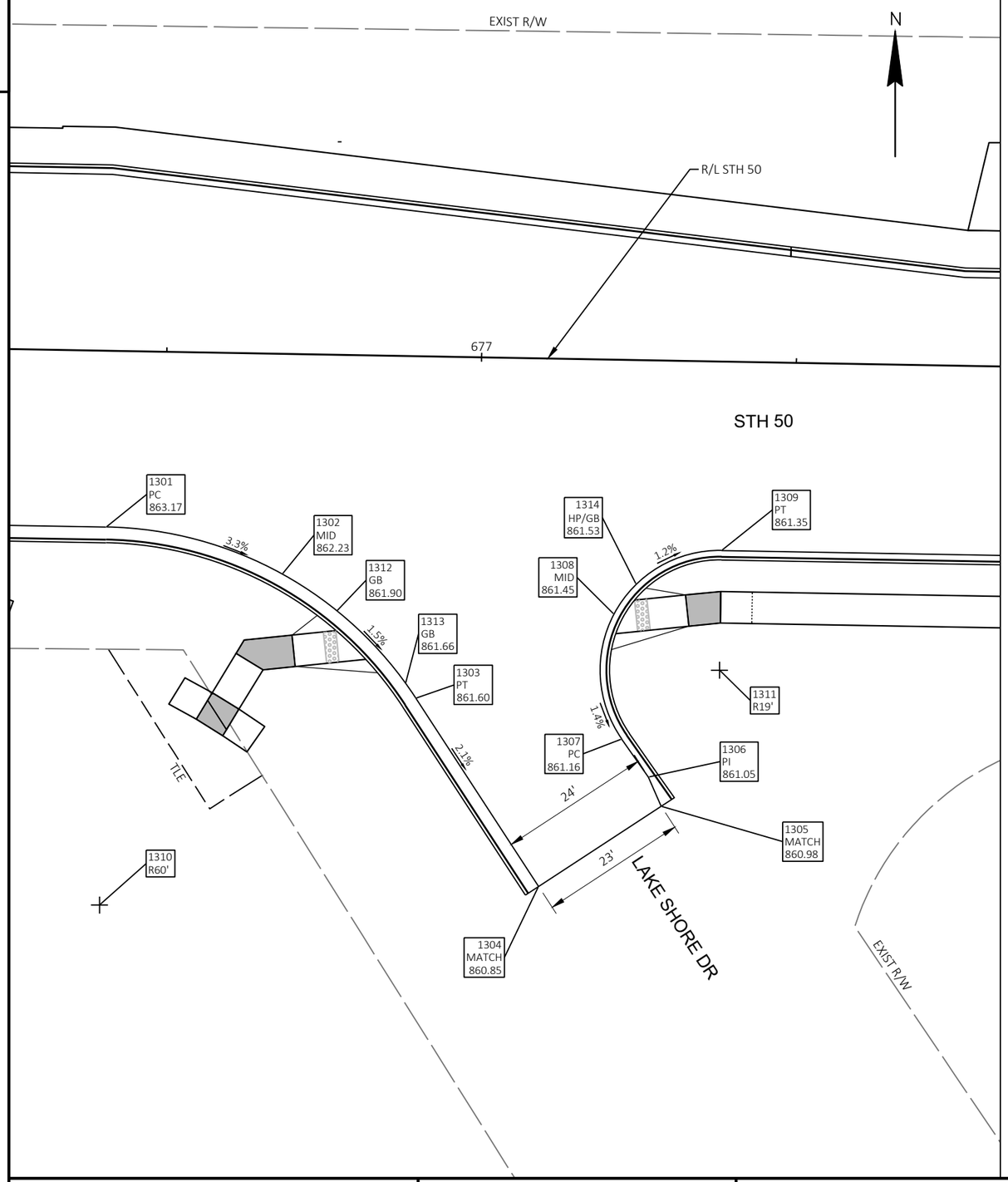
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 58	E

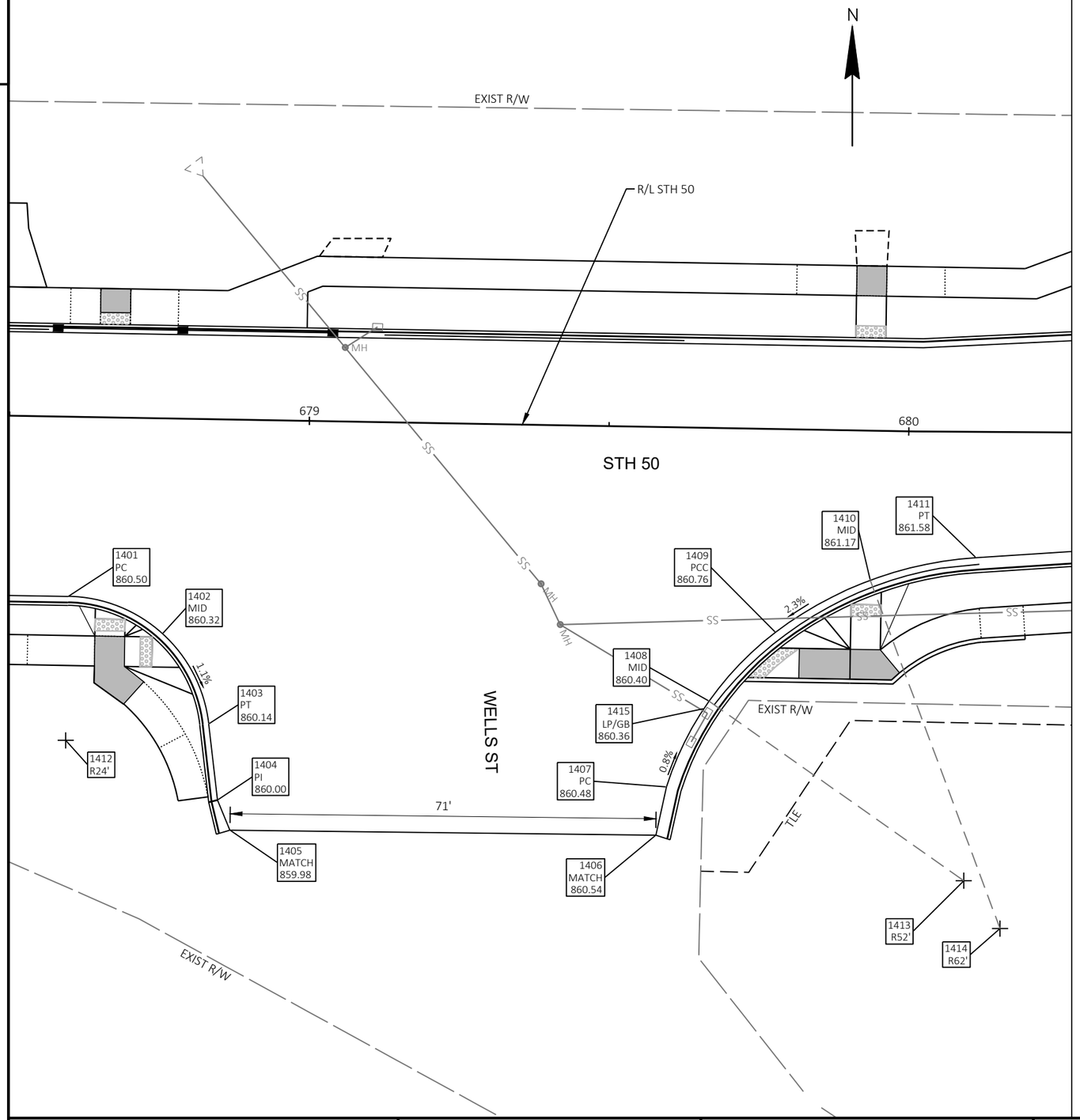
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 11-Center St
PLOT DATE : 9/28/2026 4:31 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



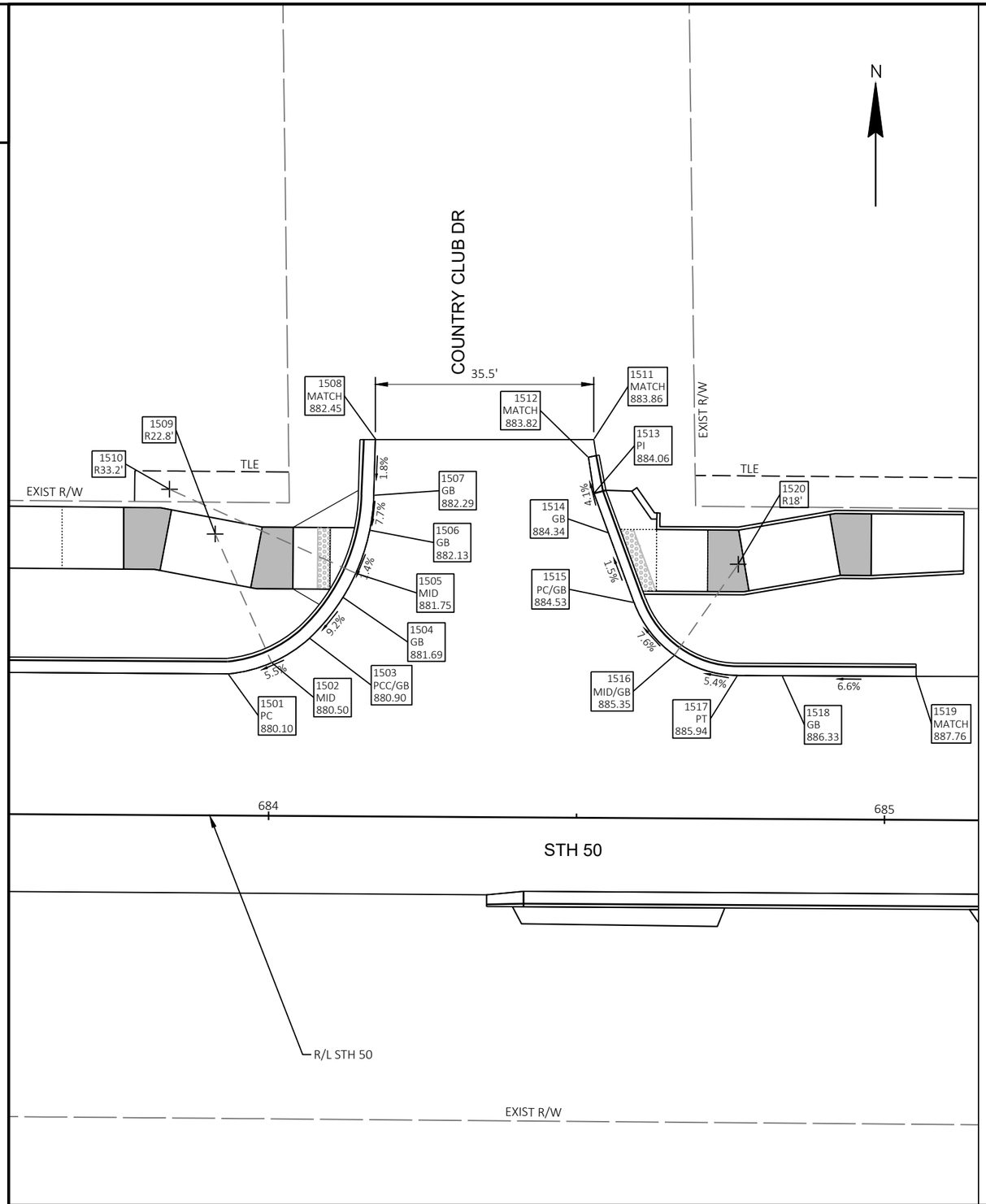
MILL ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1201	674+83.76	28.00' LT	869.58	336,171.31	792,506.80	PC
1202	675+12.04	35.08' LT	869.09	336,177.89	792,535.19	MID
1203	675+33.64	54.65' LT	868.60	336,197.07	792,557.13	PT/GB
1204	675+67.10	67.20' LT	867.36	336,209.03	792,590.80	PC
1205	675+65.54	41.38' LT	866.85	336,183.25	792,588.79	MID
1206	675+87.67	28.00' LT	865.66	336,169.48	792,610.69	PT
1207	675+67.72	105.60' LT	867.44	336,247.42	792,592.10	MATCH
1208	675+85.33	93.65' LT	867.37	336,235.16	792,609.49	MATCH
1209	674+83.76	88.00' LT	0.00	336,231.30	792,507.85	R60'
1210	675+87.67	53.00' LT	866.66	336,194.48	792,611.13	R25'
1211	675+64.40	100.65' LT	867.53	336,242.53	792,588.70	PI
1212	675+81.92	88.71' LT	867.47	336,230.29	792,606.01	PI
1213	675+55.28	87.01' LT	867.76	336,229.05	792,579.34	GB
1214	675+76.56	80.93' LT	867.61	336,222.60	792,600.51	HP/GB
1215	675+64.06	61.21' LT	867.26	336,203.11	792,587.67	GB
1216	675+68.64	36.79' LT	866.74	336,178.60	792,591.82	GB



LAKE SHORE DR						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1301	676+40.84	28.00' RT	863.17	336,112.56	792,662.87	PC
1302	676+68.93	34.98' RT	862.23	336,105.08	792,690.83	MID
1303	676+90.49	54.31' RT	861.60	336,085.39	792,712.04	PT
1304	677+10.52	83.83' RT	860.85	336,055.52	792,731.56	MATCH
1305	677+29.76	70.77' RT	860.98	336,068.23	792,751.03	MATCH
1306	677+27.65	66.17' RT	861.05	336,072.88	792,748.99	PI
1307	677+23.29	60.19' RT	861.16	336,078.93	792,744.74	PC
1308	677+21.71	40.39' RT	861.45	336,098.75	792,743.51	MID
1309	677+38.64	30.00' RT	861.35	336,108.84	792,760.62	PT
1310	676+40.84	88.00' RT	0.00	336,052.57	792,661.81	R60'
1311	677+38.64	49.00' RT	861.32	336,089.85	792,760.29	R19'
1312	676+77.72	40.67' RT	861.90	336,099.24	792,699.51	GB
1313	676+88.81	51.96' RT	861.66	336,087.76	792,710.41	GB
1314	677+25.17	35.60' RT	861.53	336,103.48	792,747.05	HP/GB

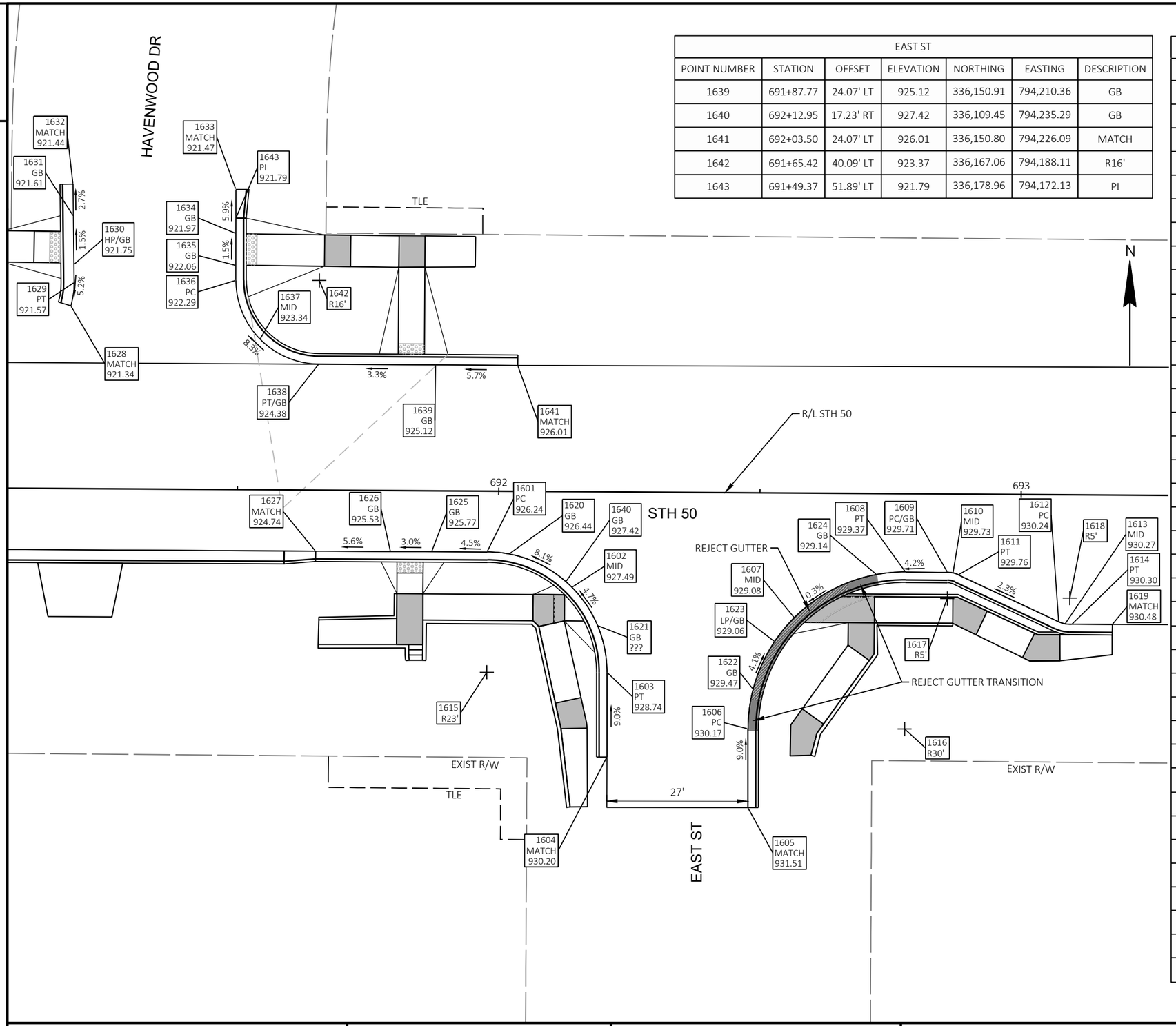


WELLS ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1401	678+60.29	30.00' RT	860.50	336,106.71	792,882.25	PC
1402	678+76.10	35.94' RT	860.32	336,100.49	792,897.95	MID
1403	678+84.08	50.83' RT	860.14	336,085.47	792,905.67	PT
1404	678+85.77	63.51' RT	860.00	336,072.76	792,907.14	PI
1405	678+87.95	68.49' RT	859.94	336,067.73	792,909.23	MATCH
1406	679+58.99	68.09' RT	860.54	336,066.89	792,980.27	MATCH
1407	679+60.63	60.00' RT	860.48	336,074.95	792,982.05	PC
1408	679+67.47	45.57' RT	860.40	336,089.26	792,989.14	MID
1409	679+78.36	33.90' RT	860.76	336,100.74	793,000.23	PCC
1410	679+94.00	24.94' RT	861.17	336,109.42	793,016.03	MID
1411	680+11.33	20.97' RT	861.58	336,113.20	793,033.66	PT
1412	678+60.29	54.00' RT	860.82	336,082.71	792,881.83	R24'
1413	680+09.64	74.89' RT	0.00	336,059.30	793,031.64	R52'
1414	680+15.73	82.82' RT	0.00	336,051.33	793,037.67	R62'
1415	679+66.63	46.84' RT	860.36	336,088.01	792,988.28	LP/GB



COUNTRY CLUB DR						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1501	683+93.29	23.00' LT	880.10	336,154.79	793,415.89	PC
1502	684+00.35	24.87' LT	880.50	336,156.62	793,422.96	MID
1503	684+06.46	28.88' LT	880.90	336,160.59	793,429.10	PCC/GB
1504	684+11.85	35.54' LT	881.69	336,167.21	793,434.52	GB
1505	684+13.91	39.47' LT	881.75	336,171.13	793,436.62	MID
1506	684+16.13	46.47' LT	882.13	336,178.12	793,438.87	GB
1507	684+16.75	52.14' LT	882.29	336,183.79	793,439.53	GB
1508	684+17.10	61.10' LT	882.45	336,192.74	793,439.93	MATCH
1509	683+91.06	45.70' LT	0.00	336,177.50	793,413.80	R22.8'
1510	683+83.58	52.91' LT	0.00	336,184.76	793,406.37	R33.2'
1511	684+52.43	61.41' LT	883.86	336,192.83	793,475.27	MATCH
1512	684+51.57	58.51' LT	883.82	336,189.94	793,474.39	MATCH
1513	684+52.52	52.67' LT	884.06	336,184.09	793,475.30	PI
1514	684+54.90	46.28' LT	884.34	336,177.68	793,477.64	GB
1515	684+59.12	34.97' LT	884.53	336,166.35	793,481.79	PC/GB
1516	684+65.73	26.47' LT	885.35	336,157.81	793,488.34	MID/GB
1517	684+76.01	23.26' LT	885.94	336,154.53	793,498.60	PT
1518	684+83.26	23.27' LT	886.33	336,154.50	793,505.85	GB
1519	685+05.00	23.30' LT	887.76	336,154.39	793,527.60	MATCH
1520	684+76.01	41.30' LT	0.00	336,172.57	793,498.72	R18'

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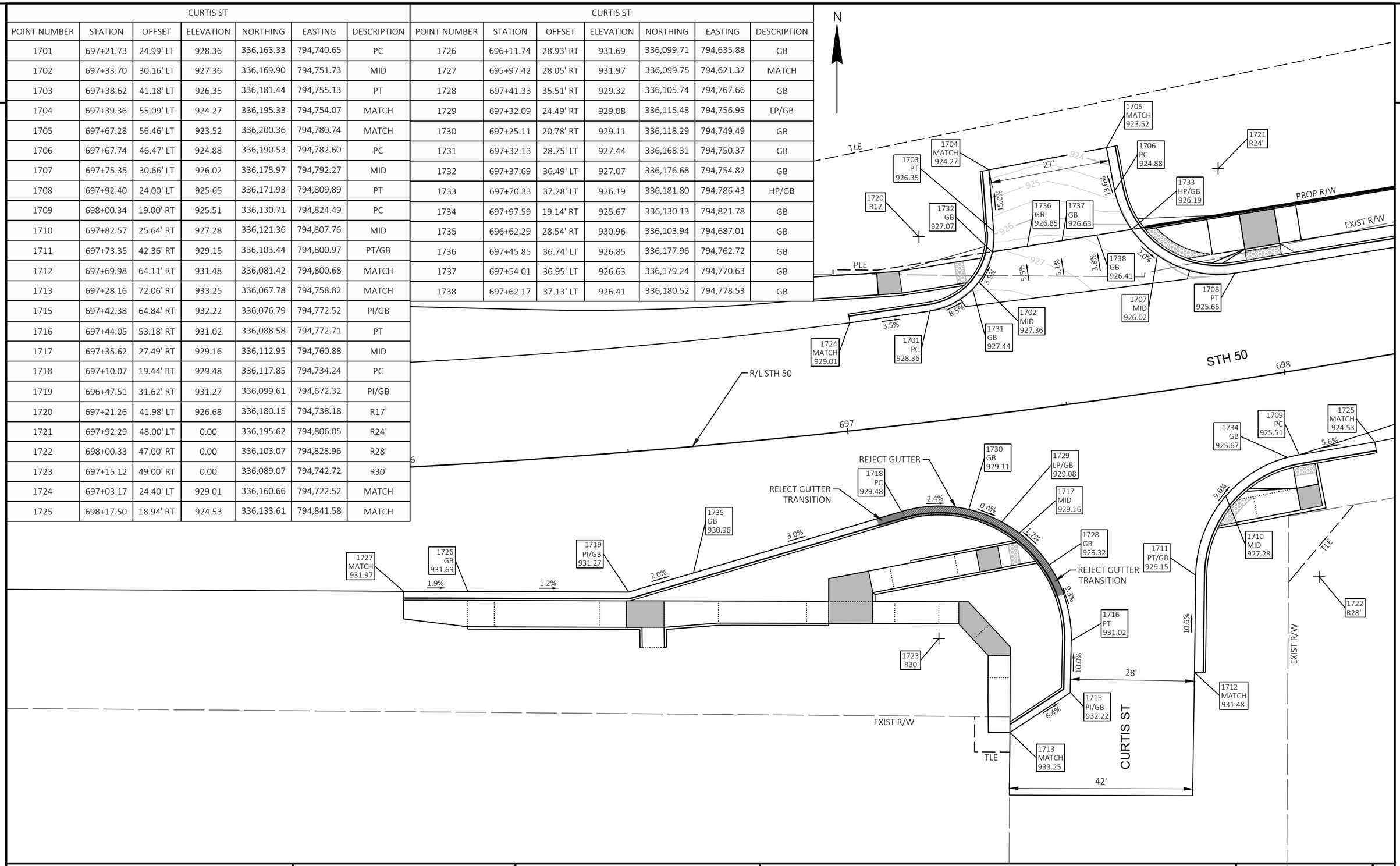


EAST ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1639	691+87.77	24.07' LT	925.12	336,150.91	794,210.36	GB
1640	692+12.95	17.23' RT	927.42	336,109.45	794,235.29	GB
1641	692+03.50	24.07' LT	926.01	336,150.80	794,226.09	MATCH
1642	691+65.42	40.09' LT	923.37	336,167.06	794,188.11	R16'
1643	691+49.37	51.89' LT	921.79	336,178.96	794,172.13	PI

EAST ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1601	691+97.82	11.65' RT	926.24	336,115.13	794,220.19	PC
1602	692+14.12	18.30' RT	927.49	336,108.37	794,236.44	MID
1603	692+20.94	34.53' RT	928.74	336,092.10	794,243.16	PT
1604	692+21.02	50.70' RT	930.20	336,075.92	794,243.14	MATCH
1605	692+48.04	60.20' RT	931.51	336,066.26	794,270.11	MATCH
1606	692+47.97	45.15' RT	930.17	336,081.31	794,270.12	PC
1607	692+56.70	23.84' RT	929.08	336,102.56	794,278.99	MID
1608	692+77.97	15.00' RT	929.37	336,111.27	794,300.31	PT
1609	692+85.97	15.00' RT	929.71	336,111.22	794,308.31	PC/GB
1610	692+87.04	15.12' RT	929.73	336,111.10	794,309.38	MID
1611	692+88.06	15.46' RT	929.76	336,110.75	794,310.40	PT
1612	693+07.32	24.32' RT	930.24	336,101.77	794,329.61	PC
1613	693+08.54	24.70' RT	930.27	336,101.38	794,330.82	MID
1614	693+09.81	24.77' RT	930.30	336,101.30	794,332.09	PT
1615	691+97.94	34.65' RT	0.00	336,092.13	794,220.16	R23'
1616	692+77.97	45.00' RT	0.00	336,081.27	794,300.12	R30'
1617	692+85.97	20.00' RT	0.00	336,106.22	794,308.28	R5'
1618	693+09.41	19.78' RT	0.00	336,106.30	794,331.72	R5'
1619	693+17.56	24.77' RT	930.48	336,101.26	794,339.85	MATCH
1620	692+02.07	12.02' RT	926.44	336,114.72	794,224.43	GB
1621	692+19.08	25.59' RT	0.00	336,101.05	794,241.36	GB
1622	692+48.91	37.53' RT	929.47	336,088.92	794,271.11	GB
1623	692+52.95	28.44' RT	929.06	336,097.99	794,275.21	LP/GB
1624	692+72.42	15.52' RT	929.14	336,110.79	794,294.76	GB
1625	691+87.25	11.66' RT	925.77	336,115.18	794,209.62	GB
1626	691+79.34	11.66' RT	925.53	336,115.23	794,201.71	GB
1627	691+65.00	11.67' RT	924.74	336,115.30	794,187.37	MATCH
1628	691+17.91	34.94' LT	921.34	336,162.21	794,140.56	MATCH
1629	691+18.50	39.41' LT	921.57	336,166.67	794,141.19	PT
1630	691+18.44	42.86' LT	921.75	336,170.13	794,141.15	HP/GB
1631	691+18.27	52.11' LT	921.61	336,179.37	794,141.04	GB
1632	691+18.16	58.22' LT	921.44	336,185.49	794,140.96	MATCH
1633	691+49.34	57.40' LT	921.47	336,184.47	794,172.14	MATCH
1634	691+49.38	48.98' LT	921.97	336,176.05	794,172.13	GB
1635	691+49.41	42.86' LT	922.06	336,169.93	794,172.11	GB
1636	691+49.42	40.02' LT	922.29	336,167.09	794,172.11	PC
1637	691+54.14	28.76' LT	923.34	336,155.81	794,176.76	MID
1638	691+65.41	24.09' LT	924.38	336,151.06	794,188.00	PT/GB

CURTIS ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1701	697+21.73	24.99' LT	928.36	336,163.33	794,740.65	PC
1702	697+33.70	30.16' LT	927.36	336,169.90	794,751.73	MID
1703	697+38.62	41.18' LT	926.35	336,181.44	794,755.13	PT
1704	697+39.36	55.09' LT	924.27	336,195.33	794,754.07	MATCH
1705	697+67.28	56.46' LT	923.52	336,200.36	794,780.74	MATCH
1706	697+67.74	46.47' LT	924.88	336,190.53	794,782.60	PC
1707	697+75.35	30.66' LT	926.02	336,175.97	794,792.27	MID
1708	697+92.40	24.00' LT	925.65	336,171.93	794,809.89	PT
1709	698+00.34	19.00' RT	925.51	336,130.71	794,824.49	PC
1710	697+82.57	25.64' RT	927.28	336,121.36	794,807.76	MID
1711	697+73.35	42.36' RT	929.15	336,103.44	794,800.97	PT/GB
1712	697+69.98	64.11' RT	931.48	336,081.42	794,800.68	MATCH
1713	697+28.16	72.06' RT	933.25	336,067.78	794,758.82	MATCH
1715	697+42.38	64.84' RT	932.22	336,076.79	794,772.52	PI/GB
1716	697+44.05	53.18' RT	931.02	336,088.58	794,772.71	PT
1717	697+35.62	27.49' RT	929.16	336,112.95	794,760.88	MID
1718	697+10.07	19.44' RT	929.48	336,117.85	794,734.24	PC
1719	696+47.51	31.62' RT	931.27	336,099.61	794,672.32	PI/GB
1720	697+21.26	41.98' LT	926.68	336,180.15	794,738.18	R17'
1721	697+92.29	48.00' LT	0.00	336,195.62	794,806.05	R24'
1722	698+00.33	47.00' RT	0.00	336,103.07	794,828.96	R28'
1723	697+15.12	49.00' RT	0.00	336,089.07	794,742.72	R30'
1724	697+03.17	24.40' LT	929.01	336,160.66	794,722.52	MATCH
1725	698+17.50	18.94' RT	924.53	336,133.61	794,841.58	MATCH

CURTIS ST						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1726	696+11.74	28.93' RT	931.69	336,099.71	794,635.88	GB
1727	695+97.42	28.05' RT	931.97	336,099.75	794,621.32	MATCH
1728	697+41.33	35.51' RT	929.32	336,105.74	794,767.66	GB
1729	697+32.09	24.49' RT	929.08	336,115.48	794,756.95	LP/GB
1730	697+25.11	20.78' RT	929.11	336,118.29	794,749.49	GB
1731	697+32.13	28.75' LT	927.44	336,168.31	794,750.37	GB
1732	697+37.69	36.49' LT	927.07	336,176.68	794,754.82	GB
1733	697+70.33	37.28' LT	926.19	336,181.80	794,786.43	HP/GB
1734	697+97.59	19.14' RT	925.67	336,130.13	794,821.78	GB
1735	696+62.29	28.54' RT	930.96	336,103.94	794,687.01	GB
1736	697+45.85	36.74' LT	926.85	336,177.96	794,762.72	GB
1737	697+54.01	36.95' LT	926.63	336,179.24	794,770.63	GB
1738	697+62.17	37.13' LT	926.41	336,180.52	794,778.53	GB

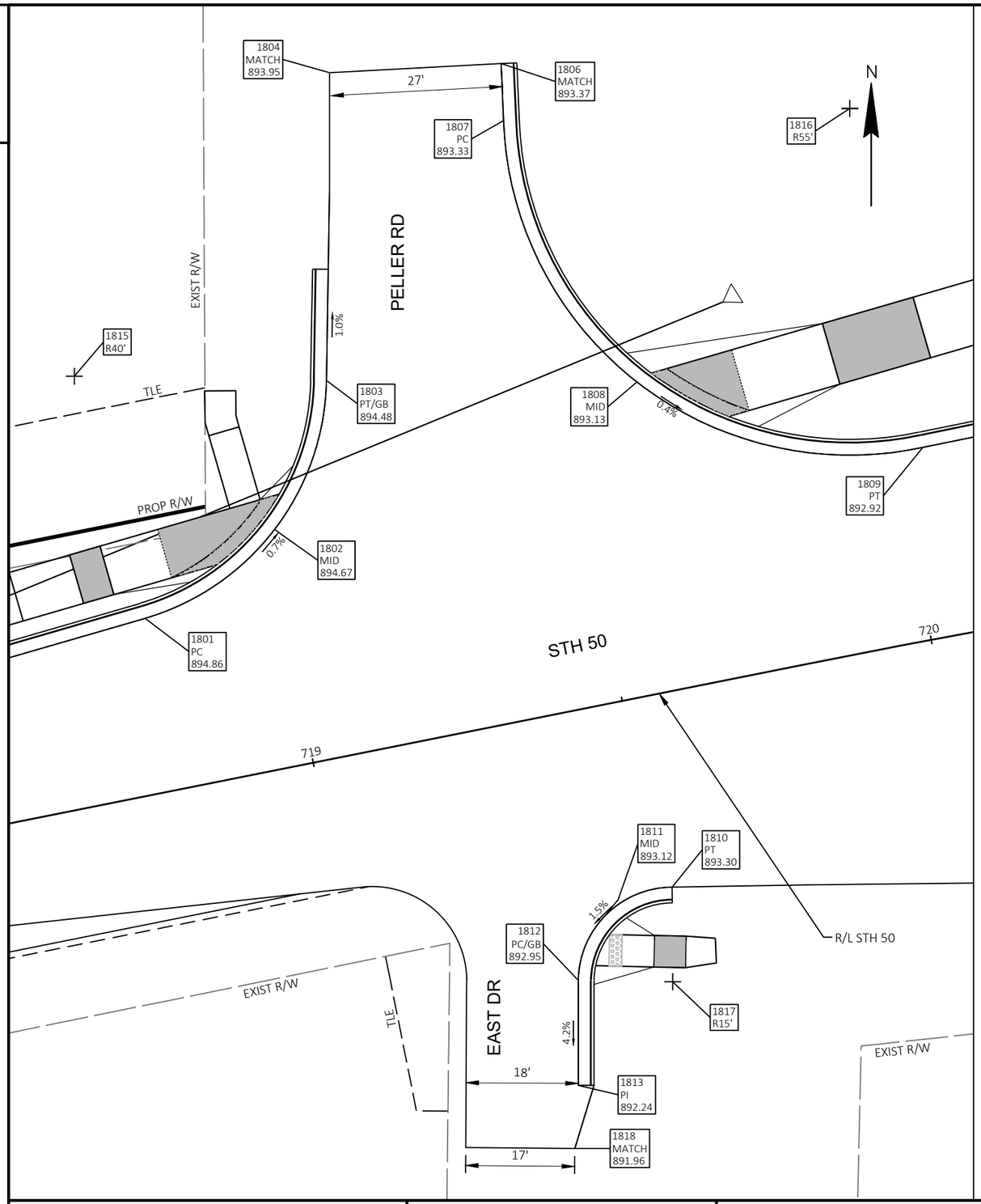


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 64	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 17-Curtis St

PLOT DATE : 9/28/2026 4:31 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



PELLER RD & EAST DR						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1801	718+78.30	27.68' LT	894.86	336,582.21	796,854.01	PC
1802	719+01.22	37.47' LT	894.67	336,596.31	796,874.58	MID
1803	719+13.91	59.03' LT	894.48	336,619.93	796,882.80	PT/GB
1804	719+23.98	106.81' LT	893.95	336,668.76	796,883.32	MATCH
1806	719+50.94	102.90' LT	893.37	336,670.21	796,910.52	MATCH
1807	719+49.56	93.96' LT	893.33	336,661.16	796,910.92	PC
1808	719+62.21	49.14' LT	893.13	336,619.69	796,932.10	MID
1809	720+04.35	30.24' LT	892.92	336,609.33	796,977.50	PT
1810	719+52.02	30.52' RT	893.30	336,539.57	796,937.70	PT
1811	719+40.90	32.72' RT	893.12	336,535.24	796,927.23	MID
1812	719+34.49	42.06' RT	892.95	336,524.82	796,922.78	PC/GB
1813	719+31.23	58.43' RT	892.24	336,508.13	796,922.78	PI
1815	718+74.82	67.53' LT	0.00	336,620.61	796,842.80	R40'
1816	720+02.90	85.22' LT	0.00	336,663.08	796,965.88	R55'
1817	719+49.15	45.24' RT	0.00	336,524.57	796,937.77	R15'
1818	719+28.72	68.13' RT	0.00	336,498.13	796,922.22	MATCH

2

2

N

EXIST R/W

EXIST R/W

PROP R/W

73'

42'

30'

21'

25'

EDWARDS BLVD

STH 50

1904 MATCH 887.04

1903 PT/GB 887.17

1924 R40'

1925 R70'

1929 R60'

1905 PC 885.03

1943 HP/GB 885.36

1906 MID 885.23

1907 PT 884.52

1935 GB 888.20

1902 MID 888.34

1934 GB 888.73

1933 GB 888.97

1901 PC 889.03

1914 MID 886.06

1915 PCC 885.87

1942 LP/GB 885.62

REJECT GUTTER

1913 PC 886.25

1926 R4'

1916 MID 885.69

1917 PT 885.83

1918 PCC 885.89

1941 GB 886.53

1940 GB 886.69

1923 PT 886.74

1928 R4'

1922 HP/MID 886.85

1921 PC 886.76

1927 R4'

1920 PT 886.14

1919 MID 886.02

REJECT GUTTER TRANISITION

1944 PC 891.20

1945 MID 890.76

1946 PT 890.32

1936 GB 890.10

1908 PC 890.09

1909 MID 890.03

1910 PCC 889.98

1930 R4'

1937 LP/GB 889.95

1911 MID 889.98

REJECT GUTTER TRANISITION

1932 PI 891.53

1931 HP/PI 891.61

1939 GB 890.56

1938 GB 890.16

1912 PT 890.03

R/L STH 50

R/L STH 120

338

724

725

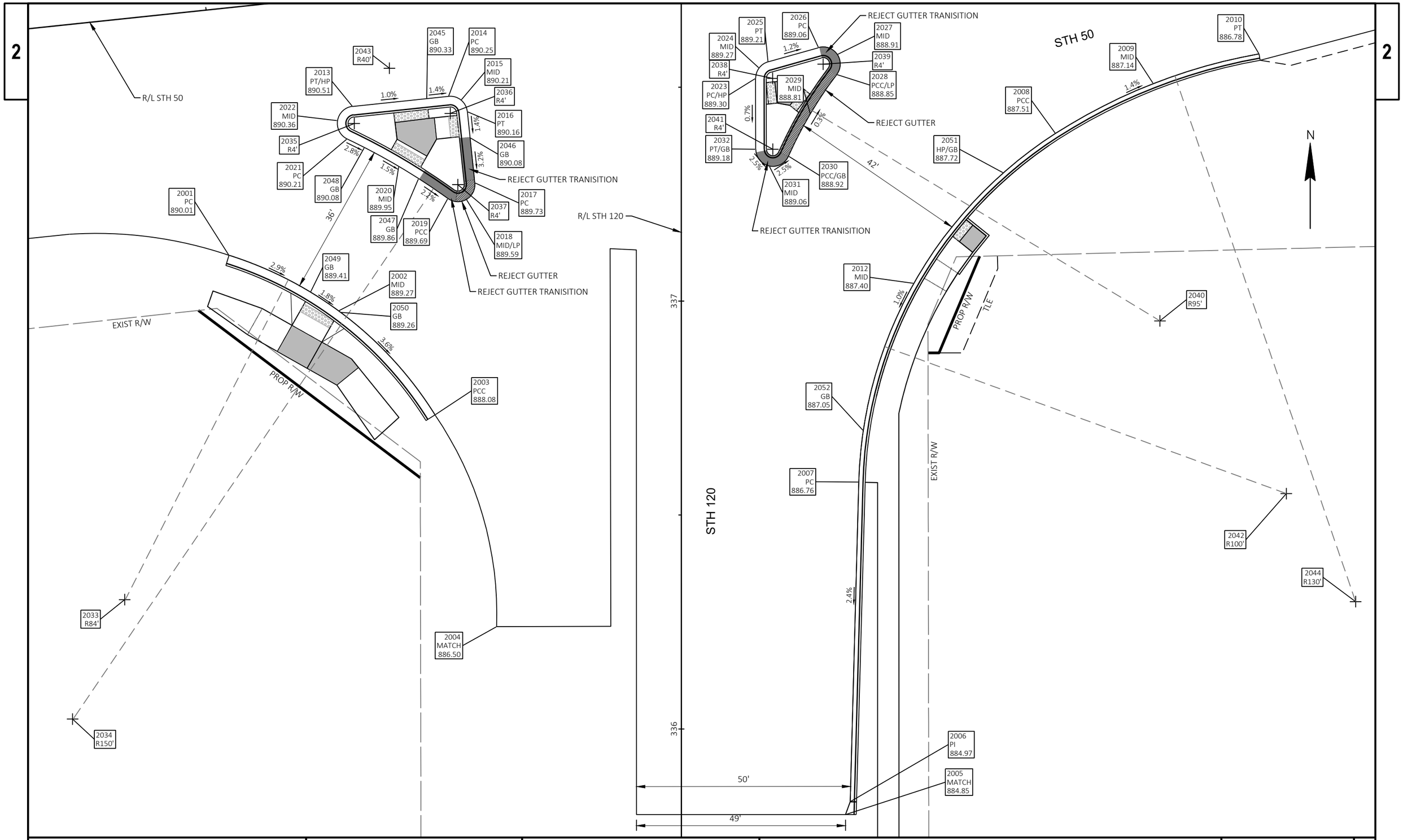
723

STA 723+61.68 STH 50 -
STA 337+79.71 STH 120

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 66	E

EDWARDS BLVD						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1901	722+93.86	53.52' LT	889.03	336,670.08	797,264.48	PC
1902	723+18.40	65.97' LT	888.34	336,685.03	797,287.58	MID
1903	723+29.08	91.33' LT	887.17	336,711.37	797,295.56	PT/GB
1904	723+29.45	98.91' LT	887.04	336,718.94	797,295.13	MATCH
1905	724+27.76	134.06' LT	885.03	336,770.11	797,366.09	PC
1906	724+46.04	82.70' LT	885.23	336,725.37	797,397.25	MID
1907	724+97.64	60.00' LT	884.52	336,717.05	797,453.00	PT
1908	722+91.20	22.00' LT	890.09	336,638.46	797,265.13	PC
1909	722+97.86	21.44' LT	890.03	336,638.60	797,271.82	MID
1910	723+04.34	19.78' LT	889.98	336,637.62	797,278.43	PCC
1911	723+06.97	15.33' LT	889.98	336,633.48	797,281.51	MID
1912	723+03.03	12.00' LT	890.03	336,629.75	797,277.94	PT
1913	724+11.94	73.12' LT	886.25	336,707.16	797,366.87	PC
1914	724+14.88	76.40' LT	886.06	336,711.10	797,368.84	MID
1915	724+19.05	75.03' LT	885.87	336,710.87	797,373.23	PCC
1916	724+26.98	66.66' LT	885.69	336,704.89	797,383.09	MID
1917	724+36.37	59.96' LT	885.83	336,700.89	797,393.90	PT
1918	724+40.70	57.46' LT	885.89	336,699.62	797,398.74	PCC
1919	724+42.51	52.97' LT	886.02	336,695.77	797,401.67	MID
1920	724+38.70	50.00' LT	886.14	336,691.89	797,398.77	PT
1921	724+13.33	50.00' LT	886.76	336,685.22	797,374.29	PC
1922	724+10.32	51.38' LT	886.85	336,685.76	797,371.03	HP/MID
1923	724+09.36	54.55' LT	886.74	336,688.56	797,369.27	PT
1924	722+89.13	93.24' LT	0.00	336,709.09	797,255.63	R40'
1925	724+97.64	130.00' LT	0.00	336,784.59	797,434.58	R70'

EDWARDS BLVD						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
1926	724+15.90	72.57' LT	0.00	336,707.67	797,370.84	R4'
1927	724+38.70	54.00' LT	0.00	336,695.75	797,397.72	R4'
1928	724+13.33	54.00' LT	0.00	336,689.07	797,373.24	R4'
1929	724+66.37	111.93' LT	0.00	336,758.92	797,409.17	R60'
1930	723+03.03	16.00' LT	0.00	336,633.73	797,277.52	R4'
1931	722+02.91	12.00' LT	891.61	336,619.28	797,178.36	HP/PI
1932	722+02.91	17.00' LT	891.53	336,624.26	797,177.84	PI
1933	722+97.93	54.22' LT	888.97	336,671.20	797,268.46	GB
1934	723+09.01	58.53' LT	888.73	336,676.64	797,279.02	GB
1935	723+21.36	69.54' LT	888.20	336,688.89	797,290.15	GB
1936	722+90.01	22.00' LT	890.10	336,638.33	797,263.94	GB
1937	723+06.61	17.78' LT	889.95	336,635.87	797,280.90	LP/GB
1938	722+90.19	12.00' LT	890.16	336,628.41	797,265.17	GB
1939	722+69.16	12.00' LT	890.56	336,626.21	797,244.26	GB
1940	724+09.60	56.28' LT	886.69	336,690.30	797,369.05	GB
1941	724+11.02	66.48' LT	886.53	336,700.51	797,367.73	GB
1942	724+23.08	70.38' LT	885.62	336,707.45	797,378.34	LP/GB
1943	724+39.27	91.36' LT	885.36	336,731.95	797,388.44	HP/GB
1944	722+22.71	19.13' LT	891.20	336,628.45	797,197.31	PC
1945	722+49.41	21.28' LT	890.76	336,633.38	797,223.65	MID
1946	722+76.20	22.00' LT	890.32	336,636.89	797,250.21	PT



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	INTERSECTION DETAILS	SHEET 68	E

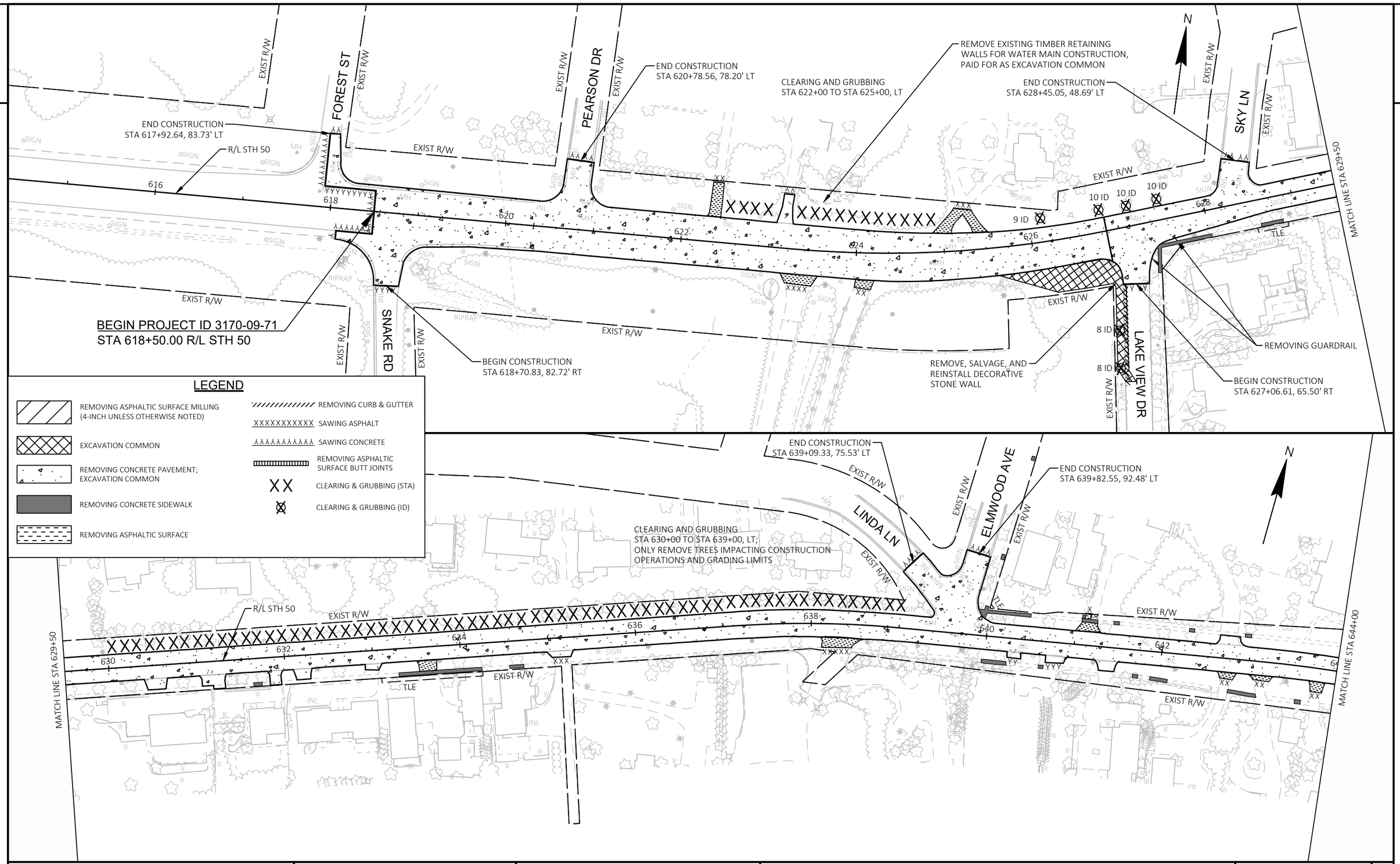
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 21-STH 120

PLOT DATE : 9/28/2026 4:32 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

STH 120						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
2001	722+49.33	57.60' RT	890.01	336,554.92	797,231.80	PC
2002	722+73.44	73.17' RT	889.27	336,541.96	797,257.42	MID
2003	722+93.31	99.72' RT	888.08	336,517.63	797,279.95	PCC
2004	723+02.48	150.43' RT	886.50	336,468.15	797,294.36	MATCH
2005	723+65.19	203.11' RT	884.85	336,424.23	797,375.94	MATCH
2006	723+65.19	200.34' RT	884.97	336,427.23	797,377.02	PI
2007	723+69.66	128.07' RT	886.76	336,501.93	797,379.03	PC
2008	724+35.46	61.56' RT	887.51	336,583.41	797,425.01	PCC
2009	724+60.60	56.33' RT	887.14	336,595.07	797,447.89	MID
2010	724+86.28	56.15' RT	886.78	336,602.01	797,472.61	PT
2012	723+94.30	86.65' RT	887.40	336,548.38	797,391.90	MID
2013	722+81.68	26.00' RT	890.51	336,589.72	797,260.68	PT/HP
2014	723+04.25	26.00' RT	890.25	336,592.08	797,283.12	PC
2015	723+07.08	27.17' RT	890.21	336,591.21	797,286.06	MID
2016	723+08.25	30.00' RT	890.16	336,588.53	797,287.52	PT
2017	723+08.26	46.74' RT	889.73	336,571.88	797,289.28	PC
2018	723+05.89	50.39' RT	889.59	336,568.00	797,287.31	MID/LP
2019	723+01.59	49.72' RT	889.69	336,568.21	797,282.96	PCC
2020	722+90.97	41.07' RT	889.95	336,575.71	797,271.49	MID
2021	722+79.60	33.42' RT	890.21	336,582.13	797,259.38	PC
2022	722+77.83	28.92' RT	890.36	336,586.42	797,257.15	MID
2023	723+71.22	30.69' RT	889.30	336,596.29	797,354.90	PC/HP
2024	723+72.63	28.57' RT	889.27	336,598.71	797,355.71	MID
2025	723+75.04	27.74' RT	889.21	336,600.15	797,357.82	PT
2026	723+87.31	27.63' RT	889.06	336,603.48	797,369.62	PC
2027	723+91.12	30.33' RT	888.91	336,601.87	797,374.02	MID
2028	723+89.77	34.81' RT	888.85	336,597.20	797,373.89	PCC/LP

STH 120						
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	DESCRIPTION
2029	723+81.36	42.06' RT	888.81	336,587.99	797,367.69	MID
2030	723+73.86	50.25' RT	888.92	336,578.12	797,362.60	PCC/GB
2031	723+68.93	51.28' RT	889.06	336,575.82	797,358.12	MID
2032	723+66.89	46.68' RT	889.18	336,579.72	797,354.94	PT/GB
2033	722+16.68	135.08' RT	0.00	336,474.45	797,207.43	R84'
2034	722+01.63	161.56' RT	0.00	336,446.54	797,195.24	R150'
2035	722+81.68	30.00' RT	0.00	336,585.75	797,261.09	R4'
2036	723+04.25	30.00' RT	0.00	336,588.11	797,283.54	R4'
2037	723+04.26	46.74' RT	0.00	336,571.46	797,285.30	R4'
2038	723+75.08	31.74' RT	0.00	336,596.30	797,358.90	R4'
2039	723+87.34	31.63' RT	0.00	336,599.63	797,370.71	R4'
2040	724+47.51	110.24' RT	0.00	336,539.62	797,449.45	R95'
2041	723+70.75	47.72' RT	0.00	336,579.74	797,358.94	R4'
2042	724+65.39	156.98' RT	0.00	336,499.24	797,479.00	R100'
2043	722+91.20	18.00' RT	0.00	336,598.68	797,269.31	R40'
2044	724+74.37	185.60' RT	0.00	336,473.99	797,495.19	R130'
2045	722+99.14	26.00' RT	890.33	336,591.55	797,278.04	GB
2046	723+08.25	36.14' RT	890.08	336,582.42	797,288.17	GB
2047	722+95.28	44.38' RT	889.86	336,572.86	797,276.12	GB
2048	722+83.44	35.84' RT	890.08	336,580.13	797,263.46	GB
2049	722+67.39	68.12' RT	889.41	336,546.34	797,250.87	GB
2050	722+73.86	73.55' RT	889.26	336,541.62	797,257.87	GB
2051	724+21.29	67.23' RT	887.72	336,574.21	797,412.83	HP/GB
2052	723+73.84	116.74' RT	887.05	336,513.96	797,380.09	GB

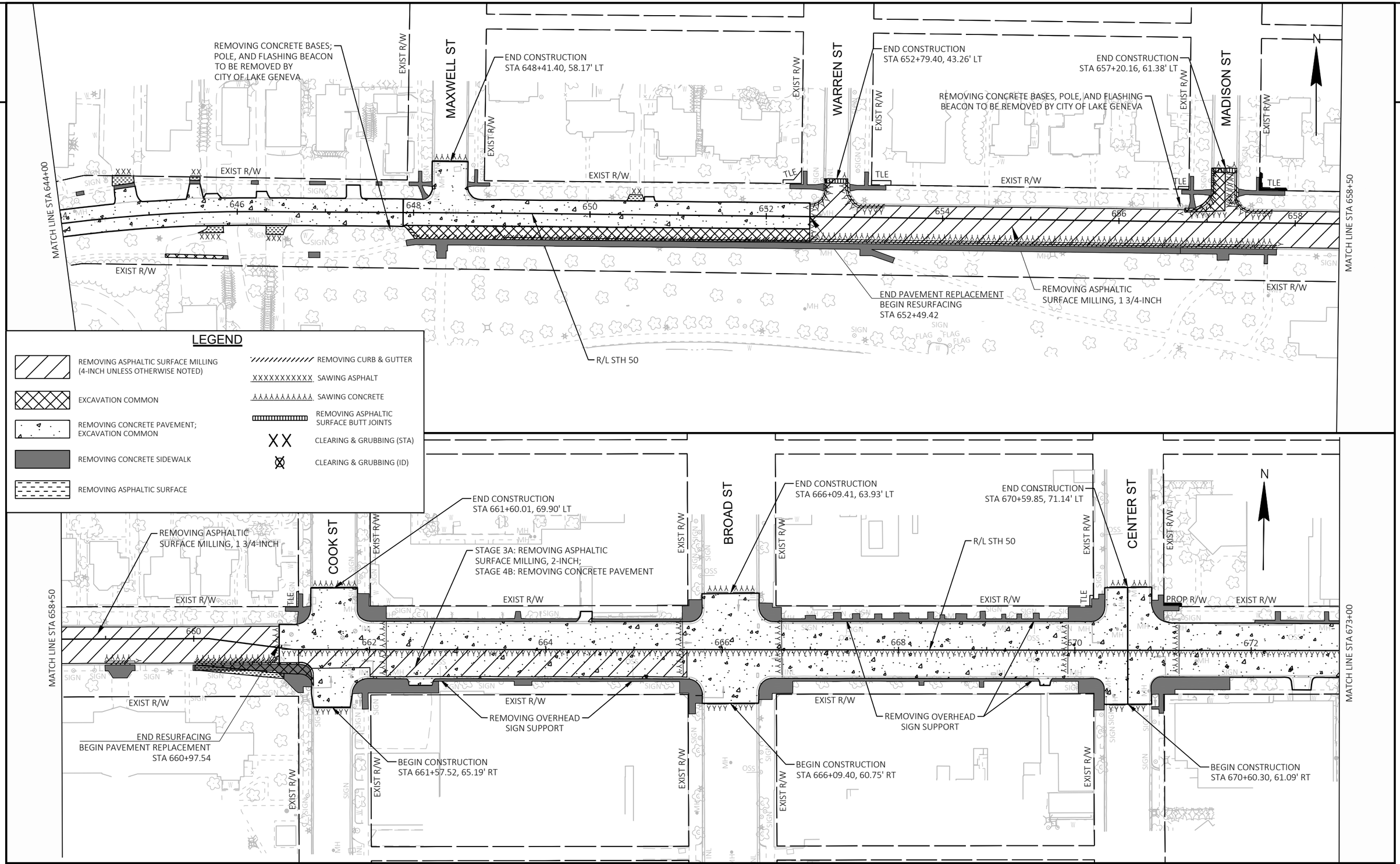


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	REMOVAL PLANS	SHEET 70	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 01-rm

PLOT DATE : 9/28/2026 8:58 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	REMOVAL PLANS	SHEET 71	E

REMOVING CONCRETE BASES; POLE, AND FLASHING BEACON TO BE REMOVED BY CITY OF LAKE GENEVA

END CONSTRUCTION STA 675+76.53, 99.63' LT

MILL ST

SAWING ASPHALT FOR REMOVING TEMPORARY WIDENING NEEDED FOR STAGE 4B TRAFFIC

COUNTRY CLUB DR

END CONSTRUCTION STA 684+34.70, 61.30' LT

R/L STH 50

MATCH LINE STA 673+00

MATCH LINE STA 687+00

WHITE RIVER

LAKE SHORE DR

WELLS ST

BEGIN CONSTRUCTION STA 677+20.13, 77.31' RT

REMOVING SURFACE DRAINS

BEGIN CONSTRUCTION STA 679+20.11, 68.31' RT

END PROJECT 3170-09-71/BEGIN PROJECT ID 3170-09-70
STA 682+76.86 R/L STH 50

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING (4-INCH UNLESS OTHERWISE NOTED)
- EXCAVATION COMMON
- REMOVING CONCRETE PAVEMENT; EXCAVATION COMMON
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- XXXXXXXXXXX SAWING ASPHALT
- SAWING CONCRETE
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- XX CLEARING & GRUBBING (STA)
- CLEARING & GRUBBING (ID)

HAVENWOOD DR

END CONSTRUCTION STA 691+33.18, 24.00' LT

END CONSTRUCTION STA 697+53.33, 55.82' LT

CLEARING AND GRUBBING STA 698+00 TO STA 708+00, LT

SLOPE INTERCEPT

WEST ST

EAST ST

CURTIS ST

BEGIN CONSTRUCTION STA 687+96.23, 39.82' RT

BEGIN CONSTRUCTION STA 692+34.56, 60.27' RT

BEGIN CONSTRUCTION STA 697+46.08, 88.83' RT

MATCH LINE STA 701+50

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	REMOVAL PLANS	SHEET 72	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 03-rm
PLOT DATE : 9/28/2026 8:58 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

CLEARING AND GRUBBING
STA 698+00 TO STA 708+00, LT

WETLAND
BOUNDARY,
TYP

SLOPE INTERCEPT

REMOVING
GUARDRAIL

END CONSTRUCTION
STA 708+80.98, 44.18' LT

CLEARING AND GRUBBING
STA 710+00 TO STA 716+00, LT

N

R/L STH 50

TLE

PLE

EXIST R/W

PROP R/W

MATCH LINE STA 701+50

MATCH LINE STA 716+00

REMOVING SMALL PIPE CULVERT

RIPRAP

BEGIN CONSTRUCTION
STA 708+65.69, 50.00' RT

BEGIN CONSTRUCTION
STA 714+12.37, 40.00' RT

WEST DR

LOCKWOOD BLVD

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING (4-INCH UNLESS OTHERWISE NOTED)
- EXCAVATION COMMON
- REMOVING CONCRETE PAVEMENT; EXCAVATION COMMON
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- SAWING ASPHALT
- SAWING CONCRETE
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- CLEARING & GRUBBING (STA)
- CLEARING & GRUBBING (ID)

PELLER RD

END CONSTRUCTION
STA 719+37.46, 104.86' LT

EDWARDS
BLVD

END CONSTRUCTION
STA 723+92.19, 142.38' LT

SAWING CONCRETE CURB HEAD:
10 FOOT TRANSITION: STA 728+40.00 - STA 728+50.00
FULL: STA 728+50.00 - STA 729+62.50
10 FOOT TRANSITION: STA 729+62.50 - STA 729+72.50

REMOVING SMALL PIPE CULVERT

EAST DR

BEGIN CONSTRUCTION
STA 719+20.26, 66.36' RT

R/L STH 120

STH 120

BEGIN CONSTRUCTION
STA 335+80.00, 0.00'

R/L STH 50

USH 12 (EB)
ON RAMP

REMOVING ANCILLARY
STRUCTURE S-64-203

BEGIN CONSTRUCTION
STA 729+92.65, 79.46' RT

SAWING CONCRETE CURB HEAD:
10 FOOT TRANSITION: STA 724+65.00 - STA 724+74.95
FULL: STA 724+74.95 - STA 725+12.30
10 FOOT TRANSITION: STA 725+12.30 - STA 725+22.27

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	REMOVAL PLANS	SHEET 73	E

2

WETLAND BOUNDARY, TYP

EXIST R/W

EXIST R/W

USH 12 (EB) OFF RAMP

EXISTING GUARDRAIL TO REMAIN

END CONSTRUCTION
STA 733+10.46, 63.27' LT

END CONSTRUCTION
STA 742+19.93, 84.47' LT

R/L STH 50

USH 12 (WB) OFF RAMP

USH 12 (WB) OFF RAMP

USH 12 (WB) ON RAMP

END CONSTRUCTION
STA 744+03.71, 111.18' LT

N

MATCH LINE STA 731+00

732

734

736

738

740

742

744

MATCH LINE STA 745+50

BEGIN CONSTRUCTION
STA 732+74.58, 88.51' RT

USH 12 (EB) ON RAMP

USH 12 (EB) OFF RAMP

USH 12 (EB)

USH 12 (WB)

BEGIN CONSTRUCTION
STA 735+12.38, 81.95' RT

END CONSTRUCTION
STA 744+39.44, 104.24' LT

EXIST R/W

EXIST R/W

END CONSTRUCTION
STA 747+17.70, 80.74' LT

EXIST R/W

EXIST R/W

GRAND GENEVA WAY

EXIST R/W

EXIST R/W

USH 12 (WB) ON RAMP

MATCH LINE STA 745+50

746

748

750

752

754

756

758

760

R/L STH 50

RIPRAP

U/C

END PROJECT 3170-09-70
STA 750+73.69 R/L STH 50

EXIST R/W

EXIST R/W

LEGEND

- REMOVING ASPHALTIC SURFACE MILLING (4-INCH UNLESS OTHERWISE NOTED)
- EXCAVATION COMMON
- REMOVING CONCRETE PAVEMENT; EXCAVATION COMMON
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- XXXXXXXXXXX SAWING ASPHALT
- SAWING CONCRETE
- REMOVING ASPHALTIC SURFACE BUTT JOINTS
- XX CLEARING & GRUBBING (STA)
- CLEARING & GRUBBING (ID)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	REMOVAL PLANS	SHEET 74	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021101-RM.DWG
LAYOUT NAME - 05-rm

PLOT DATE : 9/28/2026 8:58 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

LGUC (SEWER)

EXIST R/W

END CONSTRUCTION
STA 617+92.64, 83.73' LT

FOREST ST

SLOPE INTERCEPT, TYP

LGUC (WATER)

PROPOSED WATER MAIN, SEE UTILITY PLANS FOR DETAILS

PROPOSED SANITARY SEWER, SEE UTILITY PLANS FOR DETAILS

EXIST R/W

AT&T WI (COMM LINE)

R/L STH 50

CG36

939.99

942.11

939.27

939.29

939.38

0.9%

938.05 936.82 935.75 934.74 933.82

938.22 937.06 935.99 934.98 934.06

2.0%

26'

14'

H6.25

614 615 616 617 618 619

939.52

938.43 937.34 936.27 935.26 934.34

938.23 937.06 935.99 934.98 934.06

939.39

939.28

941.25 941.21

934.74 934.69 933.82

938.05 936.82 935.75 935.55

936.00

STH 50

MATCH LINE STA 620+00

BEGIN PROJECT ID 3170-09-71
STA 618+50.00 R/L STH 50
MATCH EXISTING ELEVATIONS AND SLOPES

+77.58
26.00' RT
EL 933.73

WE ENERGIES (GAS)

ALLIANT ENERGY (ELEC)

RIPRAP

EXIST R/W

BEGIN CONSTRUCTION
STA 618+70.83, 82.72' RT

SNAKE RD

EXIST R/W

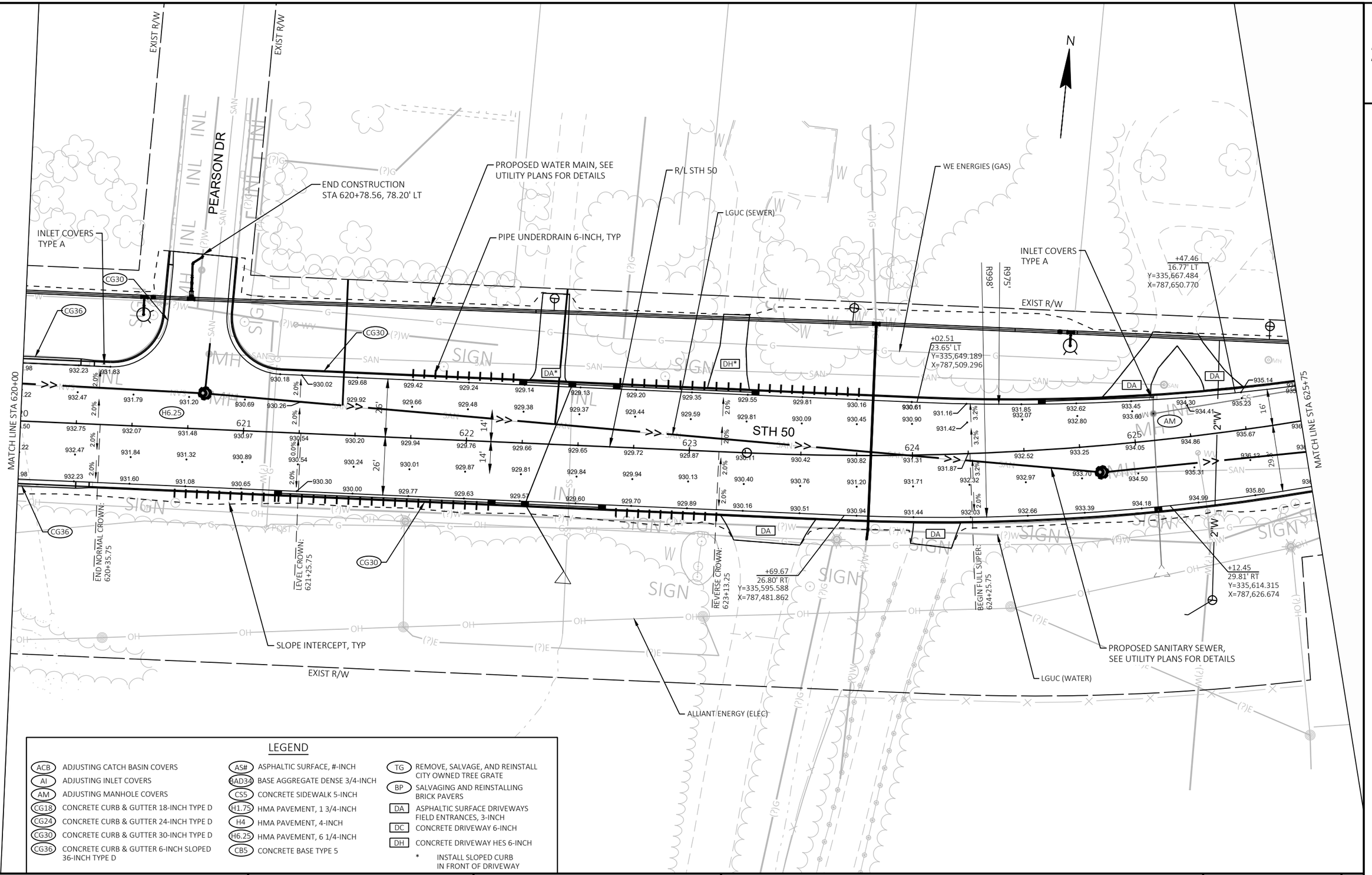
EXIST R/W

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 75	E

2



LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 76	E

2

N

PROPOSED WATER MAIN, SEE UTILITY PLANS FOR DETAILS

END CONSTRUCTION STA 628+45.05, 48.69' LT

SKY LN

EXIST R/W

LGUC (SEWER)

R/L STH 50

STH 50

MATCH LINE STA 625+75

MATCH LINE STA 631+75

+91.90
14.00' LT
Y=335,706.227
X=787,788,061

+56.94
14.00' RT
EL 938.79

+55.17
28.39' RT
Y=335,653.972
X=787,767.203

BEGIN CONSTRUCTION STA 627+06.61, 65.50' RT

END FULL SUPER 626+52.77

REVERSE CROWN: 626+80.89

LEVEL CROWN: 627+51.77

BEGIN NORMAL CROWN: 628+13.64

TLE

RIPRAP

LAKE VIEW DR

PROPOSED SANITARY SEWER, SEE UTILITY PLANS FOR DETAILS

ALLIANT ENERGY (ELEC)

WE ENERGIES (GAS)

LGUC (WATER)

SLOPE INTERCEPT, TYP

R998'

R975'

626

627

629

630

631

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 77	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 03-pd
PLOT DATE : 9/29/2026 11:07 AM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA 631+75

MATCH LINE STA 637+75

EXIST R/W

EXIST R/W

R/L STH 50

SLOPE INTERCEPT, TYP

CG18

LGUC (WATER)

STH 50

632 633 634 635 636 637

H6.25

14'

DC DC DC DA DA

TLE

4'

CS5

EXIST R/W

EXIST R/W

CG18

PROPOSED WATER MAIN, SEE UTILITY PLANS FOR DETAILS

ALLIANT ENERGY (ELEC)

WE ENERGIES (GAS)

AT&T WI (COMM LINE)

INL

SIGN

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 78	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 04-pd

PLOT DATE : 9/29/2026 11:07 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

END CONSTRUCTION
STA 639+09.33, 75.53' LT

END CONSTRUCTION
STA 639+82.55, 92.48' LT

EXIST R/W

LINDA LN

ELMWOOD AVE

PROPOSED WATER MAIN, SEE
UTILITY PLANS FOR DETAILS

R/L STH 50

WE ENERGIES (GAS)

LGUC (WATER)

STH 50

ALLIANT ENERGY (ELEC)

AT&T WI (COMM LINE)

PROPOSED SANITARY SEWER,
SEE UTILITY PLANS FOR DETAILS

LGUC (SEWER)

SLOPE INTERCEPT, TYP

PIPE UNDERDRAIN 6-INCH, TYP

MATCH LINE STA 637+75

MATCH LINE STA 643+75

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 79	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 05-pd
PLOT DATE : 9/29/2026 11:07 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

MAXWELL ST

SLOPE INTERCEPT, TYP

LGUC (WATER)

WE ENERGIES (GAS)

PROPOSED WATER MAIN, SEE UTILITY PLANS FOR DETAILS

R/L STH 50

EXIST R/W

END CONSTRUCTION
STA 648+41.40, 58.17' LT

MATCH LINE STA 643+75

MATCH LINE STA 649+75

STH 50

CONSTRUCT HIGH POINT IN DRIVEWAY 3-FEET FROM BACK OF CURB, REFER TO CROSS SECTIONS

LGUC (SEWER)

PROPOSED SANITARY SEWER, SEE UTILITY PLANS FOR DETAILS

AT&T WI (COMM LINE)

PIPE UNDERDRAIN 6-INCH, TYP

ALLIANT ENERGY (ELEC)

+02.44
27.50' RT
EL 873.70

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 80	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 06-pd
PLOT DATE : 9/29/2026 11:08 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

WARREN ST

EXIST R/W

EXIST R/W

PROPOSED WATER MAIN, SEE UTILITY PLANS FOR DETAILS

SLOPE INTERCEPT, TYP

END CONSTRUCTION
STA 652+79.40, 43.26' LT

R/L STH 50

LGUC (WATER)

EXIST R/W

EXIST R/W

MATCH LINE STA 649+75

MATCH LINE STA 655+75

STH 50

4-INCH CURB HEIGHT

PIPE UNDERDRAIN 6-INCH, TYP

EXIST R/W

EXIST R/W

ALLIANT ENERGY (ELEC)

END PAVEMENT REPLACEMENT AND BEGIN RESURFACING
STA 652+49.42
MATCH EXISTING ELEVATIONS AND SLOPES

LAKE GENEVA MOUNDS (47WL-38/BWL-0088)

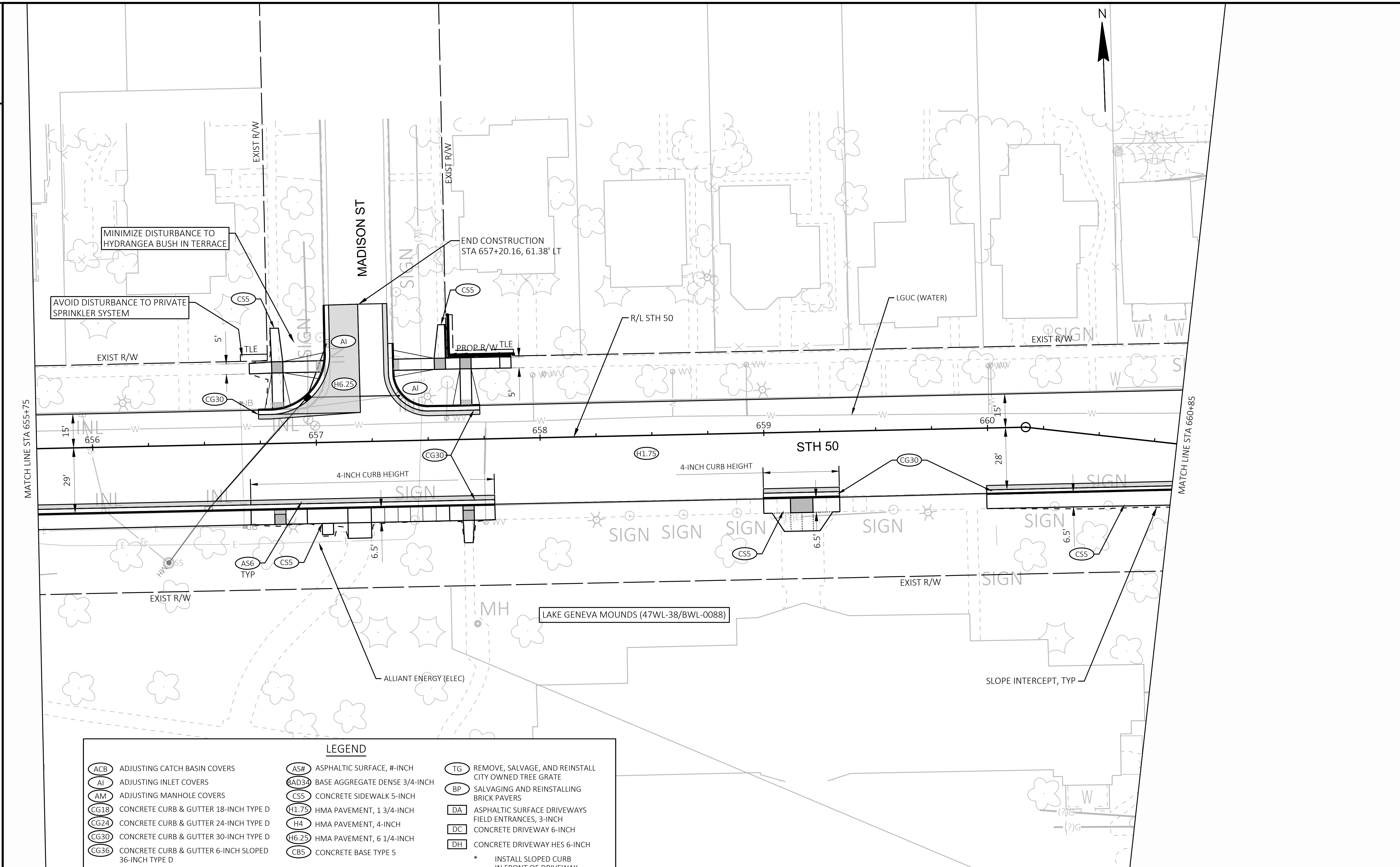
LGUC (SEWER)

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 81	E

2



2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 82	E

2

2

WE ENERGIES (GAS)

SPECTRUM (COMM LINE)

EXIST R/W

COOK ST

BROAD ST

N

END CONSTRUCTION
STA 661+60.01, 69.90' LT

END CONSTRUCTION
STA 666+09.41, 63.93' LT

LGUC (WATER)

R/L STH 50

MATCH EXISTING

MATCH LINE STA 660+85

MATCH LINE STA 666+90

AT&T WI (COMM LINE)

STH 50

4-INCH CURB HEIGHT

SLOPE INTERCEPT, TYP

PIPE UNDERDRAIN 6-INCH, TYP

END RESURFACING
BEGIN PAVEMENT REPLACEMENT
STA 660+97.54

BEGIN CONSTRUCTION
STA 661+57.52, 65.19' RT

BEGIN CONSTRUCTION
STA 666+09.40, 60.75' RT

ALLIANT ENERGY (ELEC)

LAKE GENEVA MOUNDS (47WL-38/BWL-0088)

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 83	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 09-pd

PLOT DATE : 9/29/2026 11:08 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

WINDSTREAM (COMM LINE)

EXIST R/W

END CONSTRUCTION
STA 670+59.85, 71.14' LT

CENTER ST

EXIST R/W

SPECTRUM (COMM LINE)

WE ENERGIES (GAS)

LGUC (SEWER)

PIPE UNDERDRAIN 6-INCH, TYP

R/L STH 50

MATCH EXISTING

647 W MAIN ST, APPROVED
DRAINAGE ENCROACHMENT,
DO NOT REMOVE

LGUC (WATER)

AT&T WI (COMM LINE)

EXIST R/W

EXIST R/W

4-INCH CURB HEIGHT

4-INCH CURB HEIGHT

STH 50

MATCH LINE STA 666+90

MATCH LINE STA 672+50

667 668 669 670 671 672

SLOPE INTERCEPT, TYP

MATCH EXISTING

EXIST R/W

PROPOSED WATER MAIN, SEE
UTILITY PLANS FOR DETAILS

ALLIANT ENERGY (ELEC)

ENGINE HOUSE BURIAL (47WL42/BWL-0115)

BEGIN CONSTRUCTION
STA 670+60.30, 61.09' RT

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 84	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 10-pd

PLOT DATE : 9/29/2026 11:08 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA 672+50

MATCH LINE STA 678+35

AT&T WI (COMM LINE)

PROPOSED WATER MAIN, SEE UTILITY PLANS FOR DETAILS

PIPE UNDERDRAIN 6-INCH

R/L STH 50

EXIST R/W

MILL ST

END CONSTRUCTION
STA 675+76.53, 99.63' LT

LGUC (SEWER)

WE ENERGIES (GAS)

+40.84
-28.00' LT
EL 863.37

+76.51
14.00' LT

+49.49
0.00'

+15.78
6.00' RT

STH 50

4-INCH CURB HEIGHT

SLOPE INTERCEPT, TYP

WHITE RIVER

ENGINE HOUSE BURIAL (47WL42/BWL-0115)

RIPRAP

LGUC (WATER)

TLE

CROWN POINT

LAKE SHORE DR

ALLIANT ENERGY (ELEC)

BEGIN CONSTRUCTION
STA 677+20.13, 77.31' RT

BLUEBIRD FIBER (COMM LINE)

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 85	E

END PROJECT 3170-09-71 (END PAVEMENT REPLACEMENT)/
BEGIN PROJECT ID 3170-09-70 (BEGIN RESURFACING)
STA 682+76.86 R/L STH 50

N

ATC (ELEC-TRAN)
PIPE UNDERDRAIN 6-INCH, TYP
PROPOSED SANITARY SEWER, SEE UTILITY PLANS FOR DETAILS
ALLIANT ENERGY (ELEC)
SPECTRUM (COMM LINE)
AT&T WI (COMM LINE)
LGUC (WATER)
WE ENERGIES (GAS)
R/L STH 50
PROPOSED WATER MAIN, SEE UTILITY PLANS FOR DETAILS
EXIST R/W
+02.37 -14.00' LT EL 861.17
+31.20 25.92' LT
+71.07 23.00' LT EL 865.34
+65.62 6.00' RT
+00.00 8.50' RT
+22.66 5.50' LT
+72 12.00' RT EL 865.53
+50.80 32.49' RT
+91.63 30.29' RT
+31.23 28.08' RT
+10.09 23.81' RT
CROWN POINT
TLE
CONCRETE SURFACE DRAIN
SLOPE INTERCEPT, TYP
LGUC (SEWER)
BLUEBIRD FIBER (COMM LINE)
BEGIN CONSTRUCTION STA 679+20.11, 68.31' RT
EXIST R/W
WELLS ST
STH 50
23.5'
25'
72'
MATCH LINE STA 678+35
MATCH LINE STA 683+60

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 86	E

2

2

N

COUNTRY CLUB DR

END CONSTRUCTION
STA 684+34.70, 61.30' LT

SPECTRUM (COMM LINE)

AT&T WI (COMM LINE)

SLOPE INTERCEPT, TYP

ALLIANT ENERGY (ELEC)

LGUC (WATER)

LGUC (SEWER)

R/L STH 50

EXIST R/W

CG30

CS5

CG24

CB5

TLE

AS5.5
TYP

9'

23'

12'

24'

14'

STH 50

H4

684

685

686

687

688

689

MATCH LINE STA 683+60

MATCH LINE STA 689+25

DH

DC

DC

EXIST R/W

WE ENERGIES (GAS)

CG30

WEST ST

EXIST R/W

EXIST R/W

BEGIN CONSTRUCTION
STA 687+96.11, 39.82' RT

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 87	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 13-pd

PLOT DATE : 9/29/2026 11:09 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

ALLIANT ENERGY (ELEC)

R/L STH 50

HAVENWOOD DR

END CONSTRUCTION
STA 691+33.18, 24.00' LT

SPECTRUM (COMM LINE)

AT&T WI (COMM LINE)

LGUC (WATER)

FLAG

RIPRAP

CG30

CS5

TLE

EXIST R/W

CG18

H4

AS5.5
TYP

24'

14'

690

691

692

693

694

695

MH

SIGN

STH 50

DH

DC

CG24

LGUC (SEWER)

SLOPE INTERCEPT, TYP

WE ENERGIES (GAS)

EAST ST

BEGIN CONSTRUCTION
STA 692+34.56, 60.27' RT

MATCH LINE STA 689+25

MATCH LINE STA 695+25

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 88	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 14-pd

PLOT DATE : 9/29/2026 11:09 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

VARIABLE DEPTH HMA WITHIN DRIVEWAY, SEE INTERSECTION DETAILS FOR GRADES

END CONSTRUCTION
STA 697+53.33, 55.82' LT

SLOPE INTERCEPT, TYP

WINDSTREAM (COMM LINE)

R/L STH 50

TLE

R200'

CS5

TLE

5'

LGUC (WATER)

CG30

EXIST R/W

PLE

CS5

AS3

CG30

AS3

+70.41
24.13' LT

916.56

+77.69
24.00' LT

PROP R/W

EXIST R/W

5'

10'

924.63

923.40

922.12

920.84

919.43

918.00

915.22

913.94

912.63

911.42

910.17

925.65

925.35

924.11

922.88

921.60

920.32

918.91

917.48

916.04

914.86

913.64

912.03

910.82

909.67

AS8.5
TYP

+28.88
17.00' LT

MATCH LINE STA 695+25

24'

VARIES

696

697

698

699

700

701

MATCH LINE STA 701+25

STH 50

AI

+97.43
28.05' RT

+47.51
31.62' RT

+10.07
19.44' RT

+00.34
19.00' RT

+51.30
12.00' RT

H4

H4

6'

5'

17'

12'

8'

1'

BAD34

EXIST R/W

RIPRAP

LGUC (SEWER)

AT&T WI (COMM LINE)

CS5

TLE

5'

CG30

28'

CURTIS ST

EXIST R/W

SPECTRUM (COMM LINE)

FLAG

RIPRAP

BEGIN CONSTRUCTION
STA 697+46.08, 88.83' RT

ALLIANT ENERGY (ELEC)

WE ENERGIES (GAS)

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 89	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 15-pd
PLOT DATE : 9/29/2026 11:09 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

WETLAND BOUNDARY

SLOPE INTERCEPT, TYP

WINDSTREAM (COMM LINE)

PLE

TLE

LGUC (WATER)

R/L STH 50

AS3

CG30

PROP R/W

EXIST R/W

5'

10'

907.07 908.08 907.10 906.29 905.57 904.91 904.33 903.91 903.56 903.29 903.06 902.93 903.10 903.22 903.41 903.63 904.05 904.48 904.98 905.71 906.38 907.22 908.09 908.97

907.47 907.48 906.56 905.69 904.97 904.31 903.73 903.31 902.90 902.69 902.46 902.38 902.50 902.62 902.81 903.03 903.45 903.88 904.38 905.11 905.78 906.62 907.49 908.37

17'

12'

8'

AS8.5

+16.48
12.00' LT

+24.20
12.00' RT

MATCH LINE STA 701+25

MATCH LINE STA 707+25

702 703 704 705 706 707

STH 50

H4

H4

8AD34

8AD34

Typ.

EXIST R/W

EXIST R/W

SIGN

PLE

PLE

WE ENERGIES (GAS)

ALLIANT ENERGY (ELEC)

AT&T WI (COMM LINE)

CG30

CS5

RIPRAP

CONCRETE SURFACE DRAIN

SPECTRUM (COMM LINE)

SIGN

SIGN

FLAG

SIGN

SIGN

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	8AD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 90	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 16-pd
PLOT DATE : 9/29/2026 11:09 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

END CONSTRUCTION
STA 708+80.98, 44.18' LT

SLOPE INTERCEPT, TYP

WINDSTREAM (COMM LINE)

R/L STH 50

TLE

PROP R/W

EXIST R/W

STH 50

WEST DR

BEGIN CONSTRUCTION
STA 708+65.69, 50.00' RT

LGUC (WATER)

LGUC (SEWER)

ALLIANT ENERGY (ELEC)

AT&T WI (COMM LINE)

WE ENERGIES (GAS)

MATCH LINE STA 707+25

MATCH LINE STA 713+25

+62.18 25.11' LT
+82.92 26.22' LT
+41.12 24.00' LT
+80.62 17.00' LT
+35.43 21.27' LT
+28.94 22.00' LT
+57.72 26.81' LT
+69.08 26.50' LT
+08.81 24.31' LT
+19.86 24.00' LT
+78.00 19.21' LT
+16.72 17.00' LT
+04.50 12.00' LT
+24.93 20.00' RT
+03.93 19.00' RT
+53.93 12.00' RT
+54.65 12.00' RT

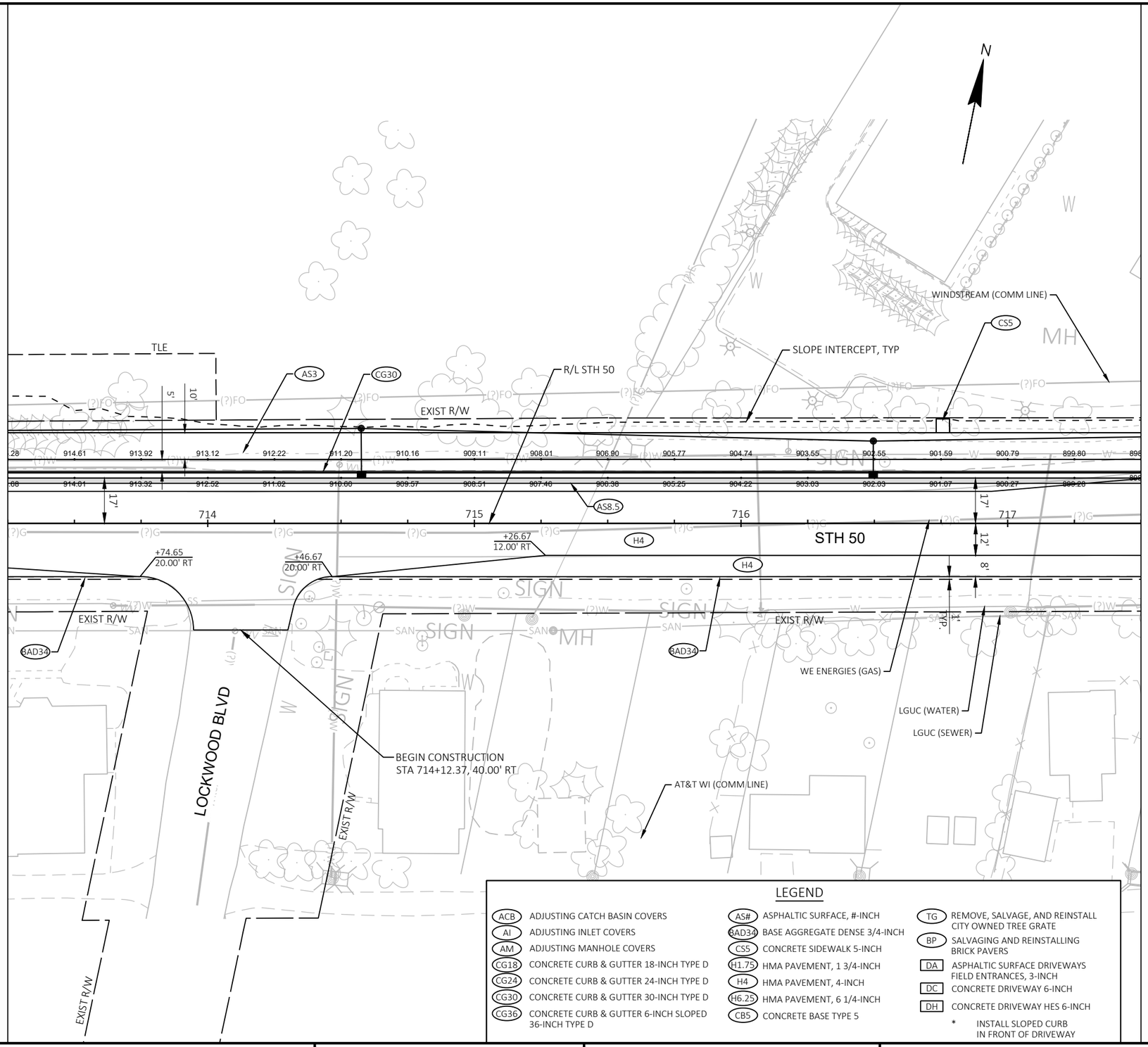
LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 91	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 17-pd
PLOT DATE : 9/29/2026 11:09 AM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2



LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 92	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 18-pd
PLOT DATE : 9/29/2026 11:09 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

FLAG

EXIST R/W

PELLER RD

SPECTRUM (COMM LINE)

END CONSTRUCTION
STA 719+37.46, 104.86' LT

AT&T WI (COMM LINE)

SLOPE INTERCEPT, TYP

WINDSTREAM (COMM LINE)

LGUC (WATER)

TLE

PROP R/W

EXIST R/W

+84.52
24.72' LT

+67.57
24.00' LT

+52.75
17.00' LT

+03.14
12.00' RT

+04.85
21.00' RT

+17.08
38.80' RT

+51.99
30.50' RT

+22.28
43.02' RT

+72.93
43.40' LT

+17.35
44.93' LT

+12.47
41.54' LT

+61.76
45.33' LT

R200'

R45'

12'

8'

18'

48'

5'

10'

AI

CG30

CS5

AS3

AS8.5

AS9

BAD34

H4

STH 50

R/L STH 50

MATCH LINE STA 717+50

MATCH LINE STA 721+65

718

719

720

721

LGUC (SEWER)

EAST DR

BEGIN CONSTRUCTION
STA 719+20.26, 66.36' RT

ALLIANT ENERGY (ELEC)

WE ENERGIES (GAS)

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 93	E

2

END CONSTRUCTION
STA 723+92.19, 142.38' LT

LGUC (WATER)

LGUC (SEWER)

EXIST R/W

PROP R/W

EDWARDS BLVD

SPECTRUM (COMM LINE)

WE ENERGIES (GAS)

GUARDRAIL MOW STRIP EMULSIFIED ASPHALT
STA 724+99.89 - STA 727+14.19 RT
STA 726+19.48 - STA 728+47.50 LT
STA 726+21.91 - STA 728+62.50 RT

MGS GUARDRAIL 3
STA 726+19.48 - STA 727+94.41;
MGS TERMINAL TYPE 2
STA 726+19.48, 60.09' LT

CONCRETE SURFACE DRAIN

S-64-610

+97.06
51.96' LT

+47.46
59.51' LT

+87.92
60.00' LT

+48.59
58.00' LT

891.81 891.53 891.17 890.65 891.19 890.79 890.95 889.08 889.37

MATCH LINE STA 721+65

CONCRETE MEDIAN
BLUNT NOSE

CONCRETE MEDIAN
SLOPED NOSE (TYPE 2)

R/L STH 50

STH 50

MGS GUARDRAIL 3
STA 726+21.91 - STA 728+09.41;
MGS TERMINAL TYPE 2
STA 726+21.91, 2.00 RT

MGS GUARDRAIL TERMINAL EAT
POST 1: STA 724+99.89, 11.15' RT
POST 5: STA 725+24.70, 14.24' RT
POST 9: STA 725+49.50, 17.33' RT

MGS GUARDRAIL 3
STA 725+52.61 - STA 727+14.49;
MGS TERMINAL TYPE 2
STA 727+14.19, 25.21 RT

+86.28
56.15' RT

+90.71
58.63' RT

MATCH LINE STA 727+55

ALLIANT ENERGY (ELEC)

AT&T WI (COMM LINE)

R/L STH 120

STH 120

BEGIN CONSTRUCTION
STA 335+80.00, 0.00' LT

SLOPE INTERCEPT, TYP

MATCH LINE STA 335+75

RIPRAP

WALMART
DRIVEWAY

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 94	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 20-pd
PLOT DATE : 9/29/2026 11:10 AM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

EXIST R/W

LGUC (SEWER)

WE ENERGIES (GAS)

WETLAND BOUNDARY

USH 12 (EB) OFF RAMP

MGS GUARDRAIL 3
STA 726+19.48 - STA 727+94.41

MGS GUARDRAIL TERMINAL EAT
POST 1: STA 728+47.50, 58.00' LT
POST 5: STA 728+22.50, 58.00' LT
POST 9: STA 727+97.50, 58.00' LT

SLOPE INTERCEPT, TYP

+47.50
63.93' LT

BAD34

8'

2'

10'

+60.20
48.00' LT

+47.50
58.00' LT

+67.50
56.00' LT

H4

+67.70
48.00' LT

+30.68
57.92' LT

+21.30
58.00' LT

+45.00
49.00' LT

MGS GUARDRAIL 3
STA 726+21.91 - STA 728+09.41

MGS GUARDRAIL TERMINAL EAT
POST 1: STA 728+62.50, 4.00' RT
POST 5: STA 728+37.52, 3.00' RT
POST 9: STA 728+12.54, 2.00' RT

R/L STH 50

STH 50

+00.13
0.00'

48'

728

729

730

731

732

733

MATCH LINE STA 727+55

MATCH LINE STA 733+50

28'

36'

24'

+00.17
50.50' RT

+75.57
49.00' RT

+90.91
49.00' RT

7'

USH 12 (EB) ON RAMP

AT&T WI (COMM LINE)

USH 12 (EB) ON RAMP

N

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 95	E

2

2

MATCH LINE STA 733+50

MATCH LINE STA 739+50

WETLAND BOUNDARY

WE ENERGIES (GAS)

USH 12 (EB)

USH 12 (WB)

EXISTING GUARDRAIL TO REMAIN

EXISTING GUARDRAIL TO REMAIN

BAD34

H4

+65.88
61.00' LT

+97.69
25.00' LT

+47.69
15.00' LT

STH 50

10'

37'

3'

3'

28'

3'

24'

3'

35'

8'

2'

36'

3'

3'

3'

3'

36'

11'

734

735

736

737

738

739

+00.20
49.00' RT

USH 12 (EB) OFF RAMP

AT&T WI (COMM LINE)

R/L STH 50

EXISTING GUARDRAIL TO REMAIN

B-64-188
(NO WORK ON STRUCTURE)

B-64-187
(NO WORK ON STRUCTURE)

N

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 96	E

2

N

WE ENERGIES (GAS)

AT&T WI (COMM LINE)

EXISTING GUARDRAIL TO REMAIN

R/L STH 50

USH 12 (WB) OFF RAMP

USH 12 (WB) ON RAMP

STH 50

MATCH LINE STA 739+50

MATCH LINE STA 745+50

+35.77
49.02' LT

+96.02
49.09' LT

+36.04
49.12' LT

+85.31
13.00' RT

+60.21
25.00' RT

740 741 742 743 744 745

40' 48' 26' 38' 36' 24' 9' 8' 2' 3'

BAD34

H4

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 97	E

2

2

EXIST R/W

WE ENERGIES (GAS)

EXIST R/W

EXIST R/W

N

AT&T WI (COMM LINE)

USH 12 (WB) ON RAMP

R/L STH 50

BAD34

SIGN

H4

2'

9'

24'

3'

+13.84
49.41' LT

MATCH LINE STA 745+50

746

747

748

749

750

751

38'

36'

8'

2'

28'

34'

STH 50

+30.16
24.57' RT

+31.02
14.25' RT

INL

POST

RIPRAP

OH

(?)FO

(?)G

(?)SS

W

END PROJECT ID 3170-09-70
STA 750+73.69 R/L STH 50
MATCH EXISTING ELEVATIONS AND SLOPES

LEGEND

ACB	ADJUSTING CATCH BASIN COVERS	AS#	ASPHALTIC SURFACE, #-INCH	TG	REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE
AI	ADJUSTING INLET COVERS	BAD34	BASE AGGREGATE DENSE 3/4-INCH	BP	SALVAGING AND REINSTALLING BRICK PAVERS
AM	ADJUSTING MANHOLE COVERS	CS5	CONCRETE SIDEWALK 5-INCH	DA	ASPHALTIC SURFACE DRIVEWAYS FIELD ENTRANCES, 3-INCH
CG18	CONCRETE CURB & GUTTER 18-INCH TYPE D	H1.75	HMA PAVEMENT, 1 3/4-INCH	DC	CONCRETE DRIVEWAY 6-INCH
CG24	CONCRETE CURB & GUTTER 24-INCH TYPE D	H4	HMA PAVEMENT, 4-INCH	DH	CONCRETE DRIVEWAY HES 6-INCH
CG30	CONCRETE CURB & GUTTER 30-INCH TYPE D	H6.25	HMA PAVEMENT, 6 1/4-INCH	*	INSTALL SLOPED CURB IN FRONT OF DRIVEWAY
CG36	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D	CB5	CONCRETE BASE TYPE 5		

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN DETAILS	SHEET 98	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 24-pd

PLOT DATE : 9/29/2026 11:10 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

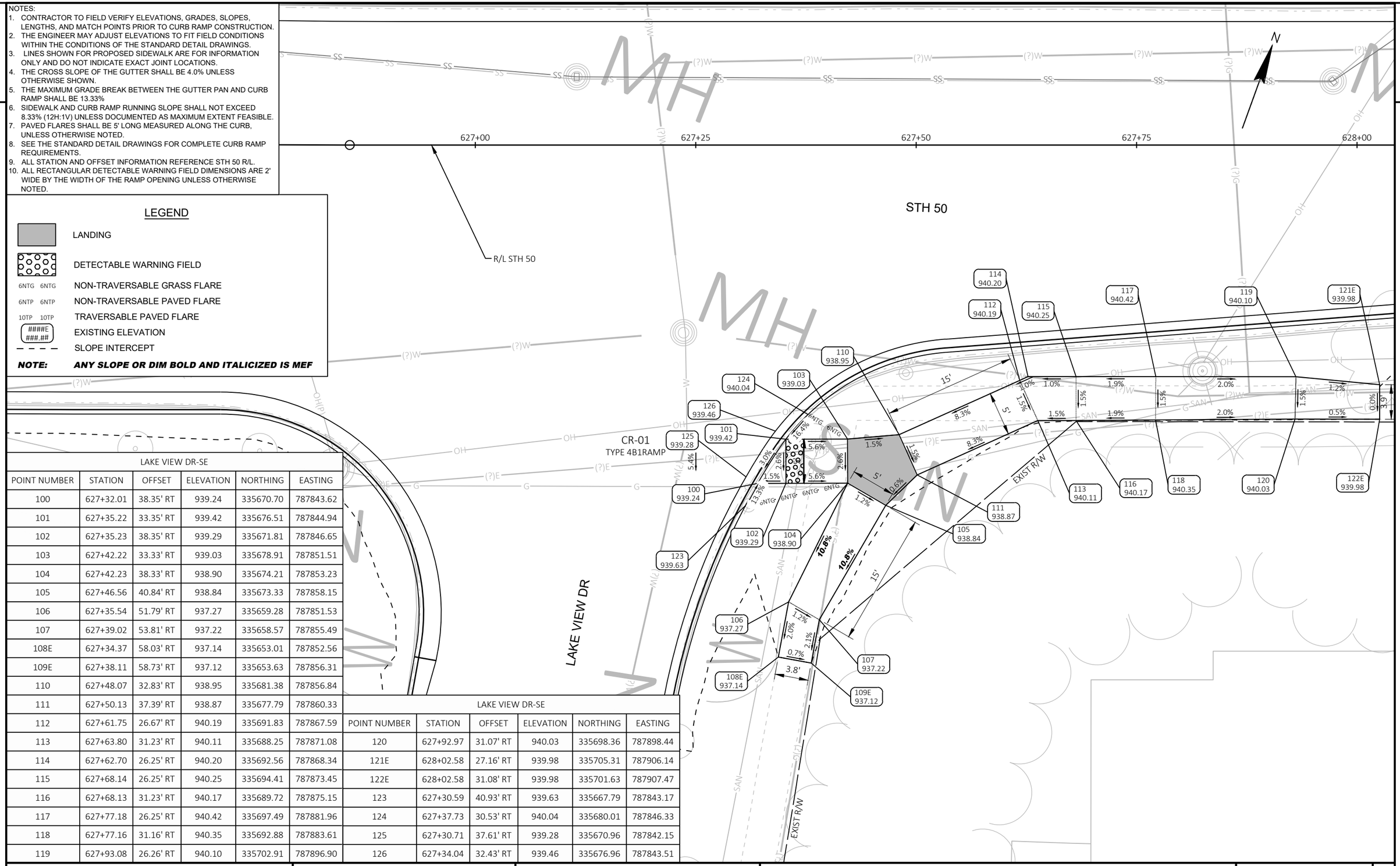
NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF



LAKE VIEW DR-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
100	627+32.01	38.35' RT	939.24	335670.70	787843.62
101	627+35.22	33.35' RT	939.42	335676.51	787844.94
102	627+35.23	38.35' RT	939.29	335671.81	787846.65
103	627+42.22	33.33' RT	939.03	335678.91	787851.51
104	627+42.23	38.33' RT	938.90	335674.21	787853.23
105	627+46.56	40.84' RT	938.84	335673.33	787858.15
106	627+35.54	51.79' RT	937.27	335659.28	787851.53
107	627+39.02	53.81' RT	937.22	335658.57	787855.49
108E	627+34.37	58.03' RT	937.14	335653.01	787852.56
109E	627+38.11	58.73' RT	937.12	335653.63	787856.31
110	627+48.07	32.83' RT	938.95	335681.38	787856.84
111	627+50.13	37.39' RT	938.87	335677.79	787860.33
112	627+61.75	26.67' RT	940.19	335691.83	787867.59
113	627+63.80	31.23' RT	940.11	335688.25	787871.08
114	627+62.70	26.25' RT	940.20	335692.56	787868.34
115	627+68.14	26.25' RT	940.25	335694.41	787873.45
116	627+68.13	31.23' RT	940.17	335689.72	787875.15
117	627+77.18	26.25' RT	940.42	335697.49	787881.96
118	627+77.16	31.16' RT	940.35	335692.88	787883.61
119	627+93.08	26.26' RT	940.10	335702.91	787896.90

LAKE VIEW DR-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
120	627+92.97	31.07' RT	940.03	335698.36	787898.44
121E	628+02.58	27.16' RT	939.98	335705.31	787906.14
122E	628+02.58	31.08' RT	939.98	335701.63	787907.47
123	627+30.59	40.93' RT	939.63	335667.79	787843.17
124	627+37.73	30.53' RT	940.04	335680.01	787846.33
125	627+30.71	37.61' RT	939.28	335670.96	787842.15
126	627+34.04	32.43' RT	939.46	335676.96	787843.51

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - LAKE VIEW DR - SE	SHEET 99	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021301-CR-71_1 OF 4-BEGIN TO SKY.DWG
LAYOUT NAME - 01-01a-La

PLOT DATE : 9/29/2026 12:53 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

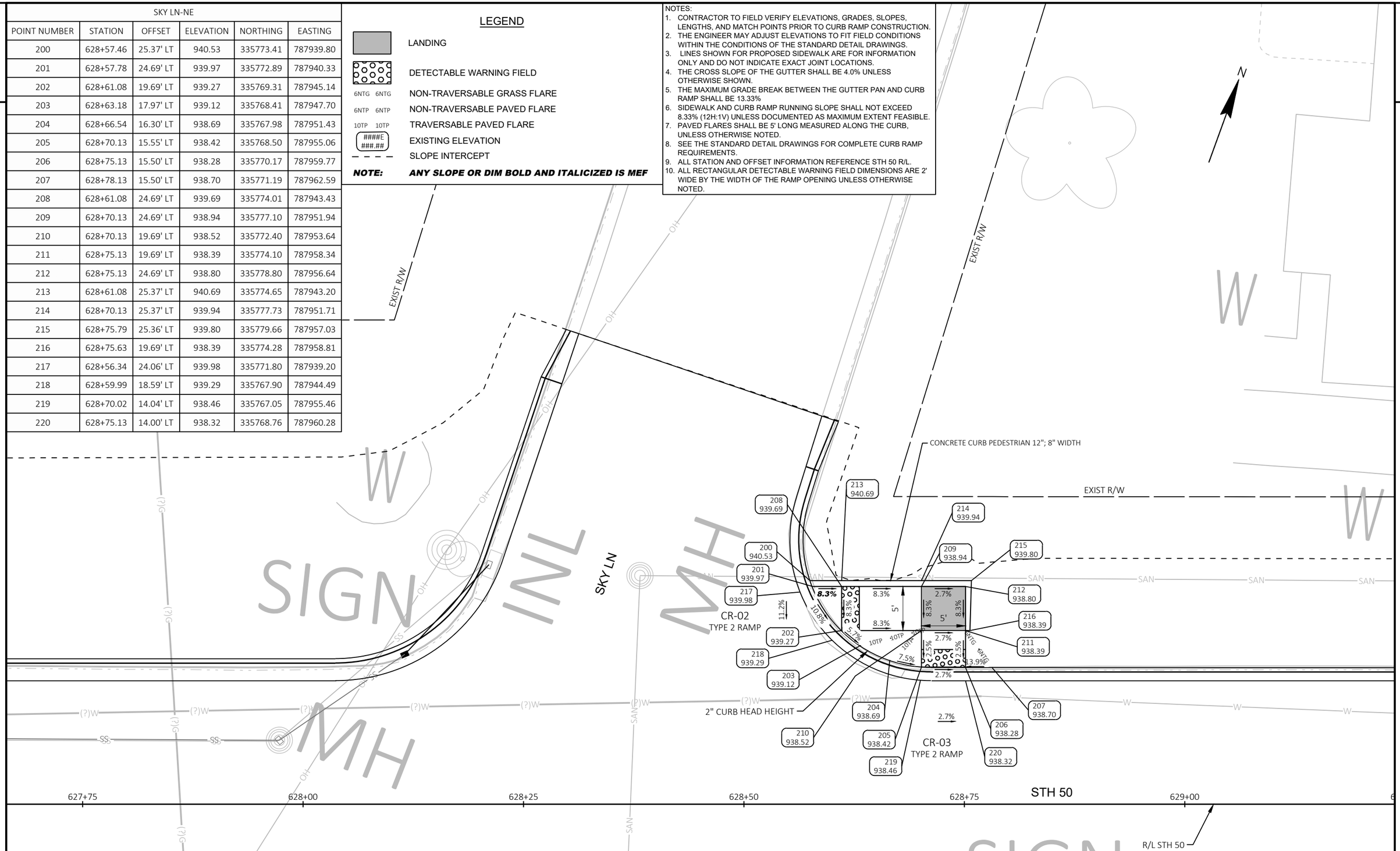
SKY LN-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
200	628+57.46	25.37' LT	940.53	335773.41	787939.80
201	628+57.78	24.69' LT	939.97	335772.89	787940.33
202	628+61.08	19.69' LT	939.27	335769.31	787945.14
203	628+63.18	17.97' LT	939.12	335768.41	787947.70
204	628+66.54	16.30' LT	938.69	335767.98	787951.43
205	628+70.13	15.55' LT	938.42	335768.50	787955.06
206	628+75.13	15.50' LT	938.28	335770.17	787959.77
207	628+78.13	15.50' LT	938.70	335771.19	787962.59
208	628+61.08	24.69' LT	939.69	335774.01	787943.43
209	628+70.13	24.69' LT	938.94	335777.10	787951.94
210	628+70.13	19.69' LT	938.52	335772.40	787953.64
211	628+75.13	19.69' LT	938.39	335774.10	787958.34
212	628+75.13	24.69' LT	938.80	335778.80	787956.64
213	628+61.08	25.37' LT	940.69	335774.65	787943.20
214	628+70.13	25.37' LT	939.94	335777.73	787951.71
215	628+75.79	25.36' LT	939.80	335779.66	787957.03
216	628+75.63	19.69' LT	938.39	335774.28	787958.81
217	628+56.34	24.06' LT	939.98	335771.80	787939.20
218	628+59.99	18.59' LT	939.29	335767.90	787944.49
219	628+70.02	14.04' LT	938.46	335767.05	787955.46
220	628+75.13	14.00' LT	938.32	335768.76	787960.28

LEGEND

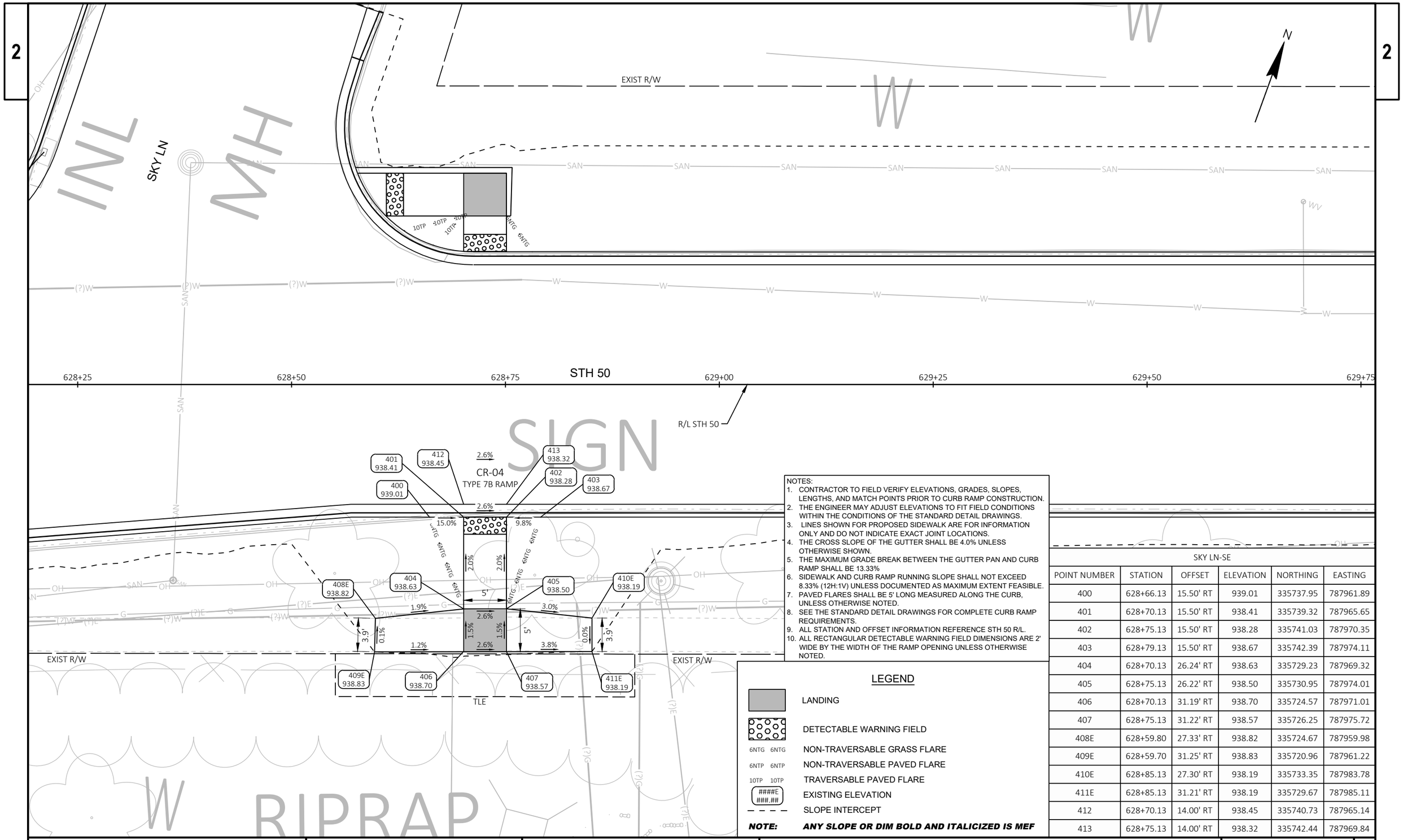
- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
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3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - SKY LN- NE	SHEET 100	E



NOTES:

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10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

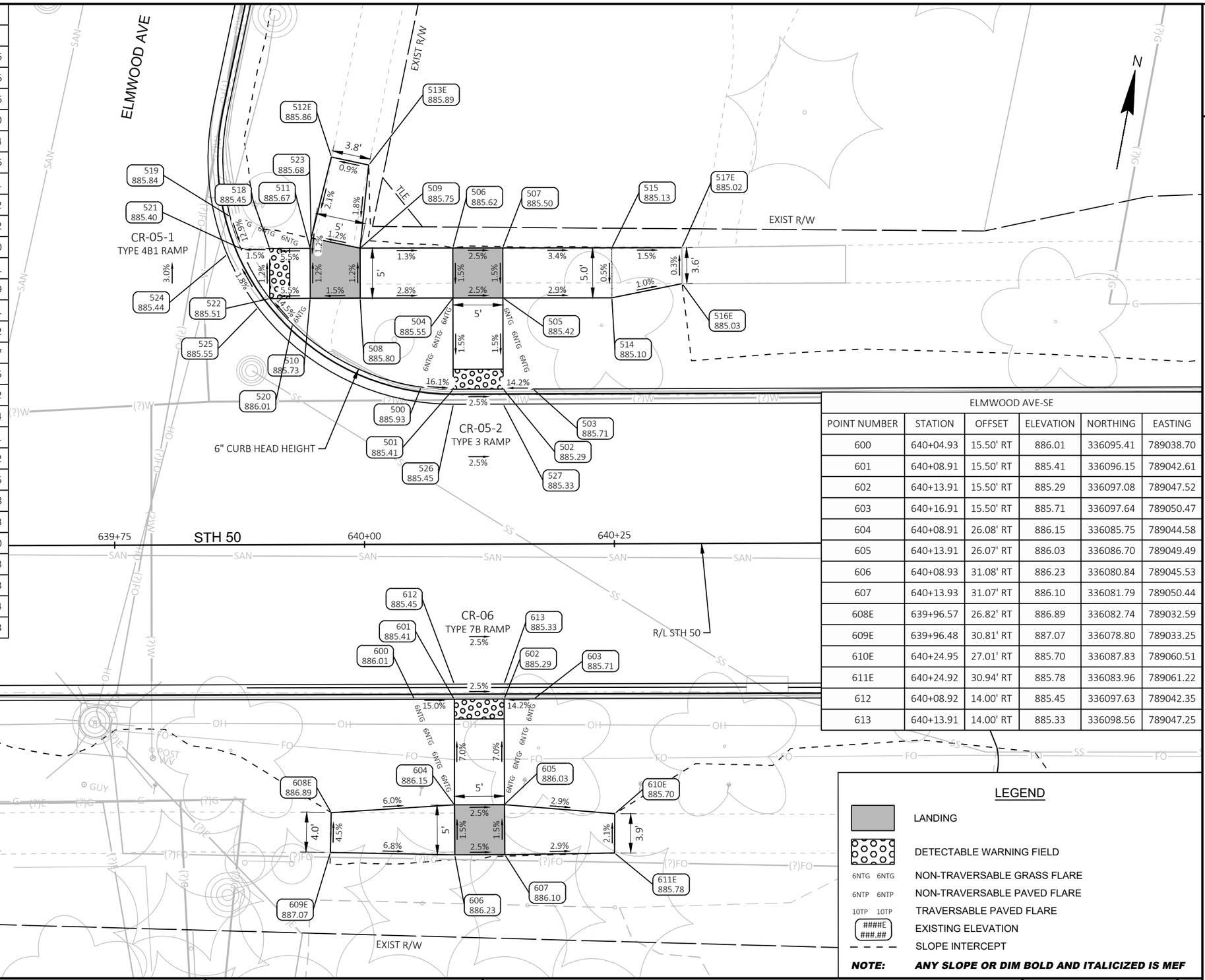
NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

SKY LN-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
400	628+66.13	15.50' RT	939.01	335737.95	787961.89
401	628+70.13	15.50' RT	938.41	335739.32	787965.65
402	628+75.13	15.50' RT	938.28	335741.03	787970.35
403	628+79.13	15.50' RT	938.67	335742.39	787974.11
404	628+70.13	26.24' RT	938.63	335729.23	787969.32
405	628+75.13	26.22' RT	938.50	335730.95	787974.01
406	628+70.13	31.19' RT	938.70	335724.57	787971.01
407	628+75.13	31.22' RT	938.57	335726.25	787975.72
408E	628+59.80	27.33' RT	938.82	335724.67	787959.98
409E	628+59.70	31.25' RT	938.83	335720.96	787961.22
410E	628+85.13	27.30' RT	938.19	335733.35	787983.78
411E	628+85.13	31.21' RT	938.19	335729.67	787985.11
412	628+70.13	14.00' RT	938.45	335740.73	787965.14
413	628+75.13	14.00' RT	938.32	335742.44	787969.84

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - SKY LN - SE	SHEET 101	E

ELMWOOD AVE-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
500	640+05.71	15.73' LT	885.93	336126.24	789033.66
501	640+08.93	15.50' LT	885.41	336126.61	789036.86
502	640+13.91	15.50' LT	885.29	336127.54	789041.76
503	640+16.91	15.50' LT	885.71	336128.10	789044.70
504	640+08.91	24.63' LT	885.55	336135.58	789035.14
505	640+13.91	24.62' LT	885.42	336136.50	789040.06
506	640+08.91	29.64' LT	885.62	336140.50	789034.21
507	640+13.91	29.64' LT	885.50	336141.43	789039.12
508	639+99.63	24.64' LT	885.80	336133.86	789026.02
509	639+99.64	29.64' LT	885.75	336138.78	789025.10
510	639+94.63	24.64' LT	885.73	336132.94	789021.11
511	639+94.64	29.64' LT	885.67	336137.85	789020.19
512E	639+96.80	38.77' LT	885.86	336147.22	789020.61
513E	640+00.53	37.95' LT	885.89	336147.11	789024.42
514	640+24.82	24.60' LT	885.10	336138.52	789050.77
515	640+24.82	29.60' LT	885.13	336143.43	789049.85
516E	640+31.85	26.00' LT	885.03	336141.20	789057.42
517E	640+31.83	29.60' LT	885.02	336144.72	789056.74
518	639+90.58	29.63' LT	885.45	336137.08	789016.21
519	639+86.63	32.85' LT	885.84	336139.51	789011.72
520	639+92.86	22.04' LT	886.01	336130.05	789019.85
521	639+87.71	29.63' LT	885.40	336136.54	789013.38
522	639+90.58	24.63' LT	885.51	336132.16	789017.13
523	639+94.75	30.67' LT	885.68	336138.87	789020.10
524	639+86.32	29.05' LT	885.44	336135.72	789012.13
525	639+89.39	23.72' LT	885.55	336131.05	789016.13
526	640+08.93	14.00' LT	885.45	336125.14	789037.14
527	640+13.91	14.00' LT	885.33	336126.07	789042.03



ELMWOOD AVE-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
600	640+04.93	15.50' RT	886.01	336095.41	789038.70
601	640+08.91	15.50' RT	885.41	336096.15	789042.61
602	640+13.91	15.50' RT	885.29	336097.08	789047.52
603	640+16.91	15.50' RT	885.71	336097.64	789050.47
604	640+08.91	26.08' RT	886.15	336085.75	789044.58
605	640+13.91	26.07' RT	886.03	336086.70	789049.49
606	640+08.93	31.08' RT	886.23	336080.84	789045.53
607	640+13.93	31.07' RT	886.10	336081.79	789050.44
608E	639+96.57	26.82' RT	886.89	336082.74	789032.59
609E	639+96.48	30.81' RT	887.07	336078.80	789033.25
610E	640+24.95	27.01' RT	885.70	336087.83	789060.51
611E	640+24.92	30.94' RT	885.78	336083.96	789061.22
612	640+08.92	14.00' RT	885.45	336097.63	789042.35
613	640+13.91	14.00' RT	885.33	336098.56	789047.25

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

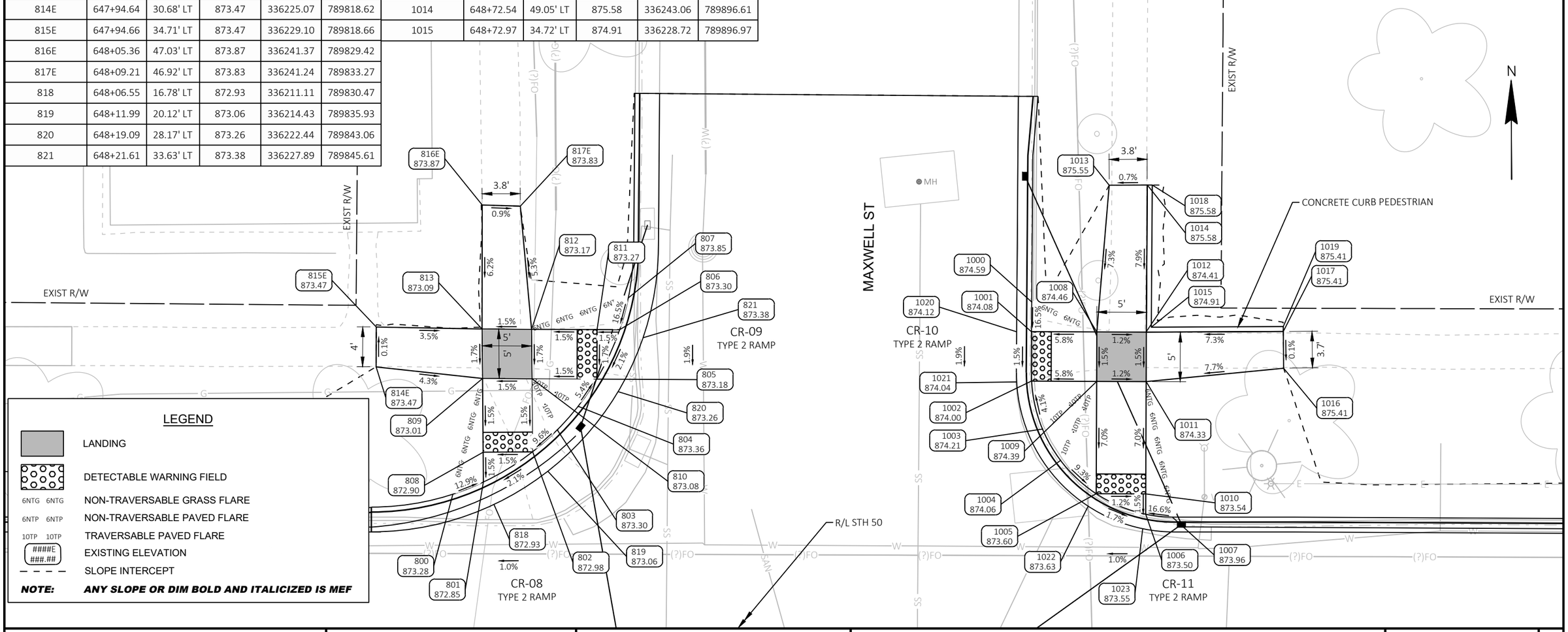
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - ELMWOOD AVE	SHEET 102	E

MAXWELL ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
800	648+02.39	17.81' LT	873.28	336212.16	789826.31
801	648+05.48	19.04' LT	872.85	336213.37	789829.41
802	648+10.46	22.10' LT	872.98	336216.41	789834.40
803	648+12.95	24.31' LT	873.30	336218.61	789836.90
804	648+15.06	26.70' LT	873.36	336220.99	789839.03
805	648+16.94	29.45' LT	873.18	336223.73	789840.92
806	648+19.25	34.44' LT	873.30	336228.71	789843.25
807	648+20.12	37.65' LT	873.85	336231.92	789844.14
808	648+05.46	22.05' LT	872.90	336216.39	789829.40
809	648+05.39	29.50' LT	873.01	336223.84	789829.37
810	648+10.39	29.48' LT	873.08	336223.79	789834.37
811	648+16.97	34.45' LT	873.27	336228.73	789840.97
812	648+10.35	34.48' LT	873.17	336228.79	789834.35
813	648+05.35	34.50' LT	873.09	336228.84	789829.35
814E	647+94.64	30.68' LT	873.47	336225.07	789818.62
815E	647+94.66	34.71' LT	873.47	336229.10	789818.66
816E	648+05.36	47.03' LT	873.87	336241.37	789829.42
817E	648+09.21	46.92' LT	873.83	336241.24	789833.27
818	648+06.55	16.78' LT	872.93	336211.11	789830.47
819	648+11.99	20.12' LT	873.06	336214.43	789835.93
820	648+19.09	28.17' LT	873.26	336222.44	789843.06
821	648+21.61	33.63' LT	873.38	336227.89	789845.61

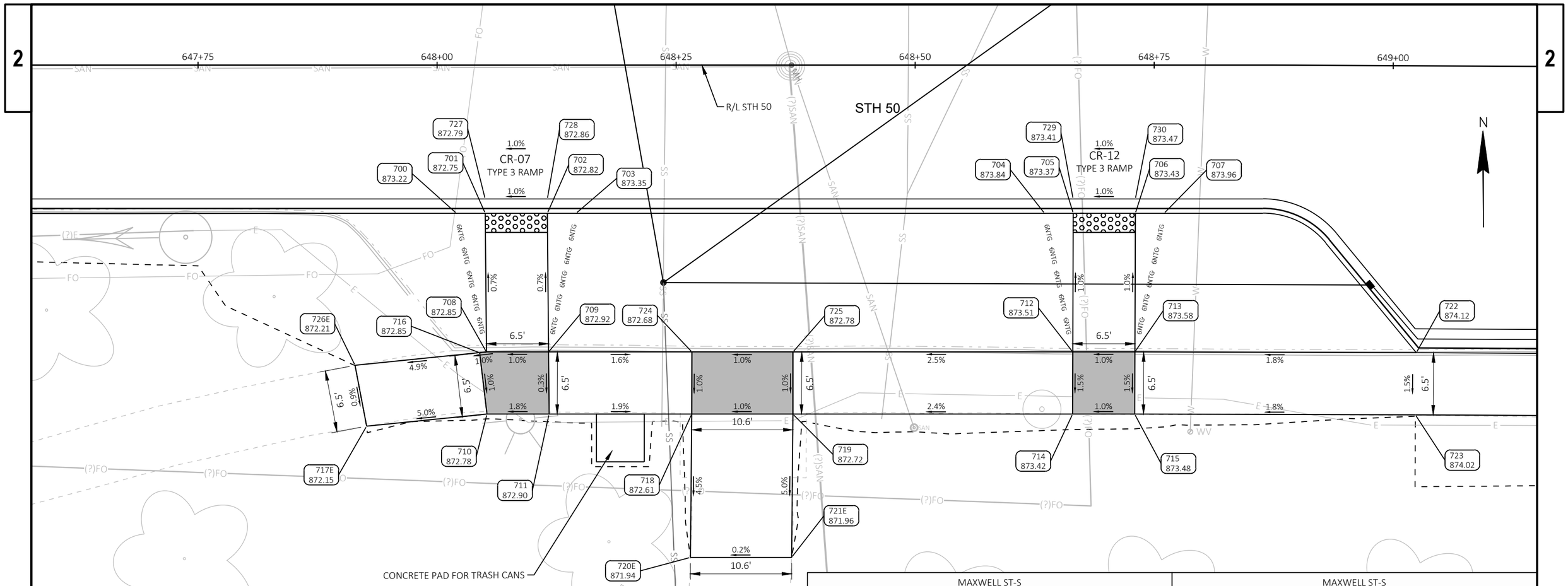
MAXWELL STI-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1000	648+60.86	37.24' LT	874.59	336231.31	789884.87
1001	648+60.84	34.24' LT	874.08	336228.31	789884.84
1002	648+60.82	29.24' LT	874.00	336223.31	789884.80
1003	648+61.93	24.39' LT	874.21	336218.45	789885.88
1004	648+63.78	21.23' LT	874.06	336215.28	789887.71
1005	648+67.39	17.85' LT	873.60	336211.89	789891.31
1006	648+72.38	15.80' LT	873.50	336209.81	789896.29
1007	648+75.08	15.50' LT	873.96	336209.50	789898.99
1008	648+67.44	34.21' LT	874.46	336228.25	789891.44
1009	648+67.42	29.21' LT	874.39	336223.25	789891.40
1010	648+72.39	17.84' LT	873.54	336211.85	789896.31
1011	648+72.42	29.19' LT	874.33	336223.20	789896.40
1012	648+72.44	34.24' LT	874.41	336228.24	789896.44
1013	648+68.70	49.04' LT	875.55	336243.06	789892.77
1014	648+72.54	49.05' LT	875.58	336243.06	789896.61
1015	648+72.97	34.72' LT	874.91	336228.72	789896.97

MAXWELL STI-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1016	648+86.32	30.55' LT	875.41	336224.49	789910.30
1017	648+86.27	34.26' LT	875.41	336228.20	789910.27
1018	648+73.04	49.05' LT	875.58	336243.06	789897.11
1019	648+86.27	34.76' LT	875.41	336228.70	789910.27
1020	648+59.35	34.23' LT	874.12	336228.30	789883.35
1021	648+59.33	29.17' LT	874.04	336223.24	789883.30
1022	648+66.57	16.60' LT	873.63	336210.63	789890.48
1023	648+72.08	14.33' LT	873.55	336208.34	789895.98

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - MAXWELL ST - N	SHEET 103	E



LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- EXISTING ELEVATION
- SLOPE INTERCEPT
- ***NOTE:*** ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

MAXWELL ST-S						MAXWELL ST-S					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
700	648+02.03	15.50' RT	873.22	336178.85	789825.79	716	648+04.44	30.09' RT	872.85	336164.26	789828.13
701	648+05.03	15.50' RT	872.75	336178.84	789828.79	717E	647+92.63	37.77' RT	872.15	336156.64	789816.28
702	648+11.53	15.50' RT	872.82	336178.81	789835.29	718	648+26.63	36.50' RT	872.61	336157.73	789850.28
703	648+14.53	15.50' RT	873.35	336178.79	789838.29	719	648+37.21	36.50' RT	872.72	336157.68	789860.86
704	648+63.53	15.50' RT	873.84	336178.55	789887.28	720E	648+26.49	51.50' RT	871.94	336142.74	789850.07
705	648+66.53	15.50' RT	873.37	336178.54	789890.28	721E	648+37.08	51.50' RT	871.96	336142.69	789860.66
706	648+73.03	15.50' RT	873.43	336178.51	789896.78	722	649+02.57	30.00' RT	874.12	336163.79	789926.10
707	648+76.03	15.50' RT	873.96	336178.49	789899.78	723	649+02.50	36.50' RT	874.02	336157.29	789925.97
708	648+05.16	30.00' RT	872.85	336164.34	789828.84	724	648+26.65	30.00' RT	872.68	336164.23	789850.33
709	648+11.66	30.00' RT	872.92	336164.31	789835.34	725	648+37.22	30.00' RT	872.78	336164.18	789860.90
710	648+05.21	36.50' RT	872.78	336157.84	789828.87	726E	647+91.42	31.40' RT	872.21	336163.01	789815.10
711	648+11.71	36.50' RT	872.90	336157.81	789835.37	727	648+05.03	14.00' RT	872.79	336180.34	789828.80
712	648+66.48	30.00' RT	873.51	336164.04	789890.17	728	648+11.53	14.00' RT	872.86	336180.31	789835.30
713	648+72.98	30.00' RT	873.58	336164.01	789896.67	729	648+66.53	14.00' RT	873.41	336180.04	789890.29
714	648+66.46	36.50' RT	873.42	336157.54	789890.11	730	648+73.03	14.00' RT	873.47	336180.01	789896.79
715	648+72.96	36.50' RT	873.48	336157.51	789896.61						

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - MAXWELL ST - S	SHEET 104	E

2

WARREN ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1400	652+38.40	15.50' LT	877.10	336205.93	790262.37
1401	652+41.40	15.48' LT	876.66	336205.88	790265.37
1402	652+46.40	15.50' LT	876.72	336205.85	790270.37
1403	652+49.86	15.48' LT	877.24	336205.79	790273.87
1404	652+64.47	28.15' LT	877.36	336218.27	790288.64
1405	652+64.58	31.45' LT	876.88	336221.57	790288.79
1406	652+64.53	36.46' LT	876.90	336226.58	790288.80
1407	652+64.50	39.96' LT	877.42	336230.08	790288.81
1408	652+41.36	31.49' LT	877.97	336221.89	790265.49
1409	652+46.36	31.47' LT	878.05	336221.82	790270.49
1410	652+46.35	36.47' LT	878.07	336226.82	790270.53
1411E	652+26.36	31.49' LT	879.42	336222.04	790250.49
1412E	652+26.35	36.34' LT	879.41	336226.89	790250.53
1413	652+26.35	36.85' LT	879.41	336227.40	790250.53
1414	652+41.35	36.49' LT	878.05	336226.89	790265.53
1415	652+40.84	37.00' LT	878.55	336227.40	790265.03
1416E	652+45.89	51.48' LT	879.44	336241.83	790270.22
1417E	652+41.38	51.49' LT	879.48	336241.89	790265.71
1418	652+40.87	51.49' LT	879.48	336241.89	790265.20
1419	652+41.40	14.00' LT	876.69	336204.40	790265.36
1420	652+46.40	14.00' LT	876.76	336204.35	790270.36
1421	652+66.08	31.47' LT	876.92	336221.57	790290.29
1422	652+66.03	36.47' LT	876.94	336226.57	790290.30

WARREN ST-ADA					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
A100	651+81.24	30.00' RT	876.24	336161.00	790204.76
A101	651+88.74	30.00' RT	875.80	336160.92	790212.26
A102	651+93.74	30.00' RT	875.85	336160.87	790217.26
A103	651+99.91	30.00' RT	876.06	336160.81	790223.42
A104	652+06.07	30.00' RT	875.95	336160.75	790229.59
A105	652+11.07	30.00' RT	875.99	336160.70	790234.59
A106	652+24.57	30.01' RT	876.64	336160.56	790248.09
A107	651+81.24	36.50' RT	876.17	336154.50	790204.69
A108	651+88.76	36.50' RT	875.71	336154.42	790212.21
A109	651+93.76	36.50' RT	875.75	336154.37	790217.21
A110	651+99.91	36.50' RT	875.97	336154.31	790223.36
A111	652+06.09	36.50' RT	875.85	336154.25	790229.54
A112	652+11.08	36.50' RT	875.89	336154.20	790234.54
A113	652+24.58	36.50' RT	876.54	336154.06	790248.04
A114	651+88.74	27.50' RT	875.88	336163.42	790212.28
A115	651+93.74	27.50' RT	875.93	336163.37	790217.28
A116	652+06.07	27.50' RT	876.03	336163.25	790229.61
A117	652+11.07	27.50' RT	876.07	336163.20	790234.61

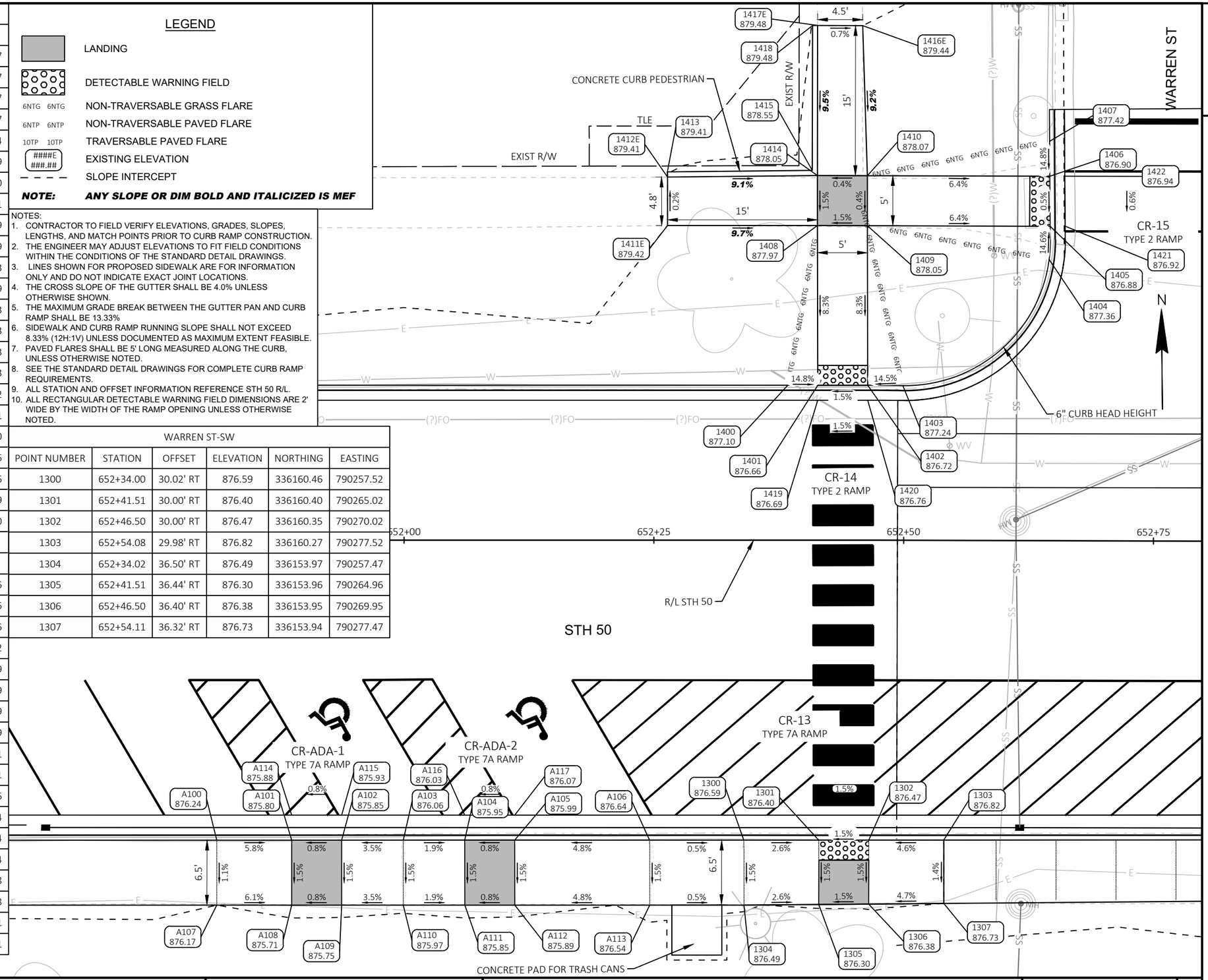
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

WARREN ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1300	652+34.00	30.02' RT	876.59	336160.46	790257.52
1301	652+41.51	30.00' RT	876.40	336160.40	790265.02
1302	652+46.50	30.00' RT	876.47	336160.35	790270.02
1303	652+54.08	29.98' RT	876.82	336160.27	790277.52
1304	652+34.02	36.50' RT	876.49	336153.97	790257.47
1305	652+41.51	36.44' RT	876.30	336153.96	790264.96
1306	652+46.50	36.40' RT	876.38	336153.95	790269.95
1307	652+54.11	36.32' RT	876.73	336153.94	790277.47



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WARREN ST - W	SHEET 105	E

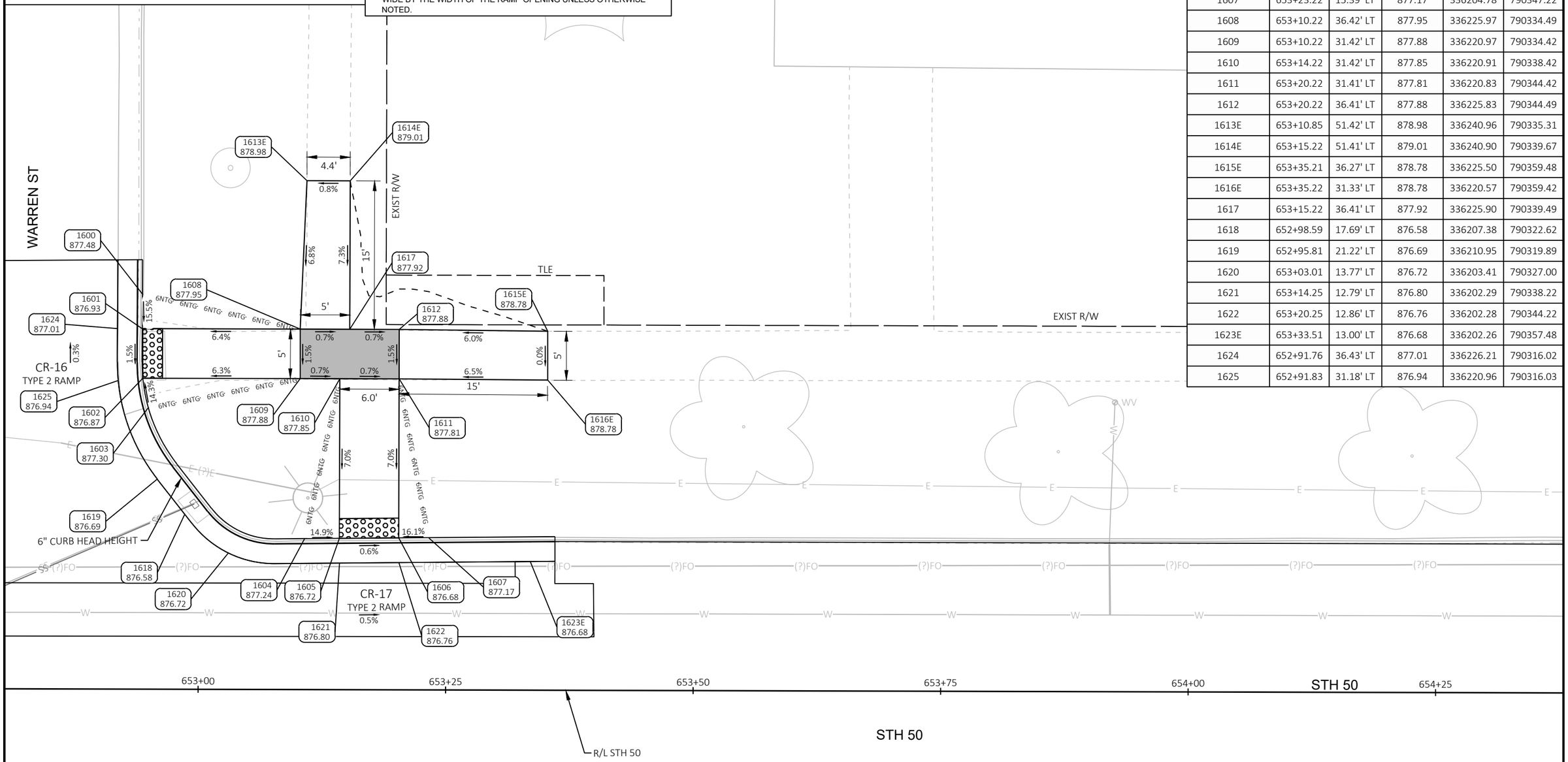
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LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

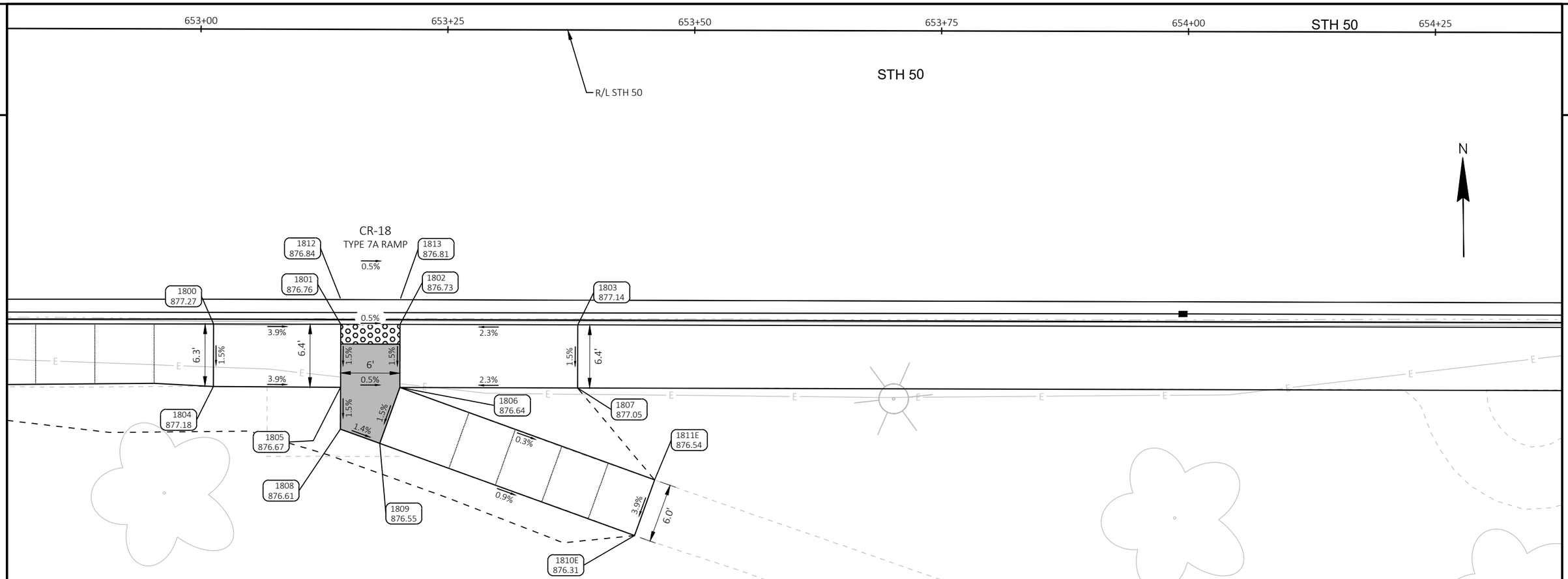


WARREN ST-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1600	652+94.27	39.92' LT	877.48	336229.66	790318.58
1601	652+94.26	36.42' LT	876.93	336226.17	790318.52
1602	652+94.32	31.42' LT	876.87	336221.17	790318.53
1603	652+94.89	28.43' LT	877.30	336218.17	790319.06
1604	653+10.72	15.25' LT	877.24	336204.80	790334.72
1605	653+14.22	15.29' LT	876.72	336204.79	790338.22
1606	653+20.22	15.36' LT	876.68	336204.78	790344.22
1607	653+23.22	15.39' LT	877.17	336204.78	790347.22
1608	653+10.22	36.42' LT	877.95	336225.97	790334.49
1609	653+10.22	31.42' LT	877.88	336220.97	790334.42
1610	653+14.22	31.42' LT	877.85	336220.91	790338.42
1611	653+20.22	31.41' LT	877.81	336220.83	790344.42
1612	653+20.22	36.41' LT	877.88	336225.83	790344.49
1613E	653+10.85	51.42' LT	878.98	336240.96	790335.31
1614E	653+15.22	51.41' LT	879.01	336240.90	790339.67
1615E	653+35.21	36.27' LT	878.78	336225.50	790359.48
1616E	653+35.22	31.33' LT	878.78	336220.57	790359.42
1617	653+15.22	36.41' LT	877.92	336225.90	790339.49
1618	652+98.59	17.69' LT	876.58	336207.38	790322.62
1619	652+95.81	21.22' LT	876.69	336210.95	790319.89
1620	653+03.01	13.77' LT	876.72	336203.41	790327.00
1621	653+14.25	12.79' LT	876.80	336202.29	790338.22
1622	653+20.25	12.86' LT	876.76	336202.28	790344.22
1623E	653+33.51	13.00' LT	876.68	336202.26	790357.48
1624	652+91.76	36.43' LT	877.01	336226.21	790316.02
1625	652+91.83	31.18' LT	876.94	336220.96	790316.03

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WARREN ST - E	SHEET 106	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021302-CR-71_2 OF 4-SKY TO MAXWELL.DWG
LAYOUT NAME - 02-03b-Wa
PLOT DATE : 9/29/2026 1:08 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
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8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

	LANDING
	DETECTABLE WARNING FIELD
6NTG 6NTG	NON-TRAVERSABLE GRASS FLARE
6NTP 6NTP	NON-TRAVERSABLE PAVED FLARE
10TP 10TP	TRAVERSABLE PAVED FLARE
####E ###.##	EXISTING ELEVATION
	SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

WARREN ST-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1800	653+01.34	29.84' RT	877.27	336159.83	790324.78
1801	653+14.22	29.84' RT	876.76	336159.67	790337.66
1802	653+20.22	29.84' RT	876.73	336159.59	790343.65
1803	653+38.22	29.84' RT	877.14	336159.36	790361.65
1804	653+01.34	36.17' RT	877.18	336153.50	790324.70
1805	653+14.22	36.23' RT	876.67	336153.28	790337.58
1806	653+20.22	36.23' RT	876.64	336153.20	790343.58
1807	653+38.22	36.23' RT	877.05	336152.98	790361.57
1808	653+14.22	40.45' RT	876.61	336149.05	790337.52
1809	653+18.19	41.88' RT	876.55	336147.58	790341.48
1810E	653+44.03	51.15' RT	876.31	336137.98	790367.20
1811E	653+46.05	45.50' RT	876.54	336143.61	790369.29
1812	653+14.22	27.34' RT	876.84	336162.17	790337.69
1813	653+20.22	27.34' RT	876.81	336162.09	790343.69

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WARREN ST - E	SHEET 107 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021302-CR-71_2 OF 4-SKY TO MAXWELL.DWG
LAYOUT NAME - 02-03c-Wa
PLOT DATE : 9/29/2026 1:08 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT

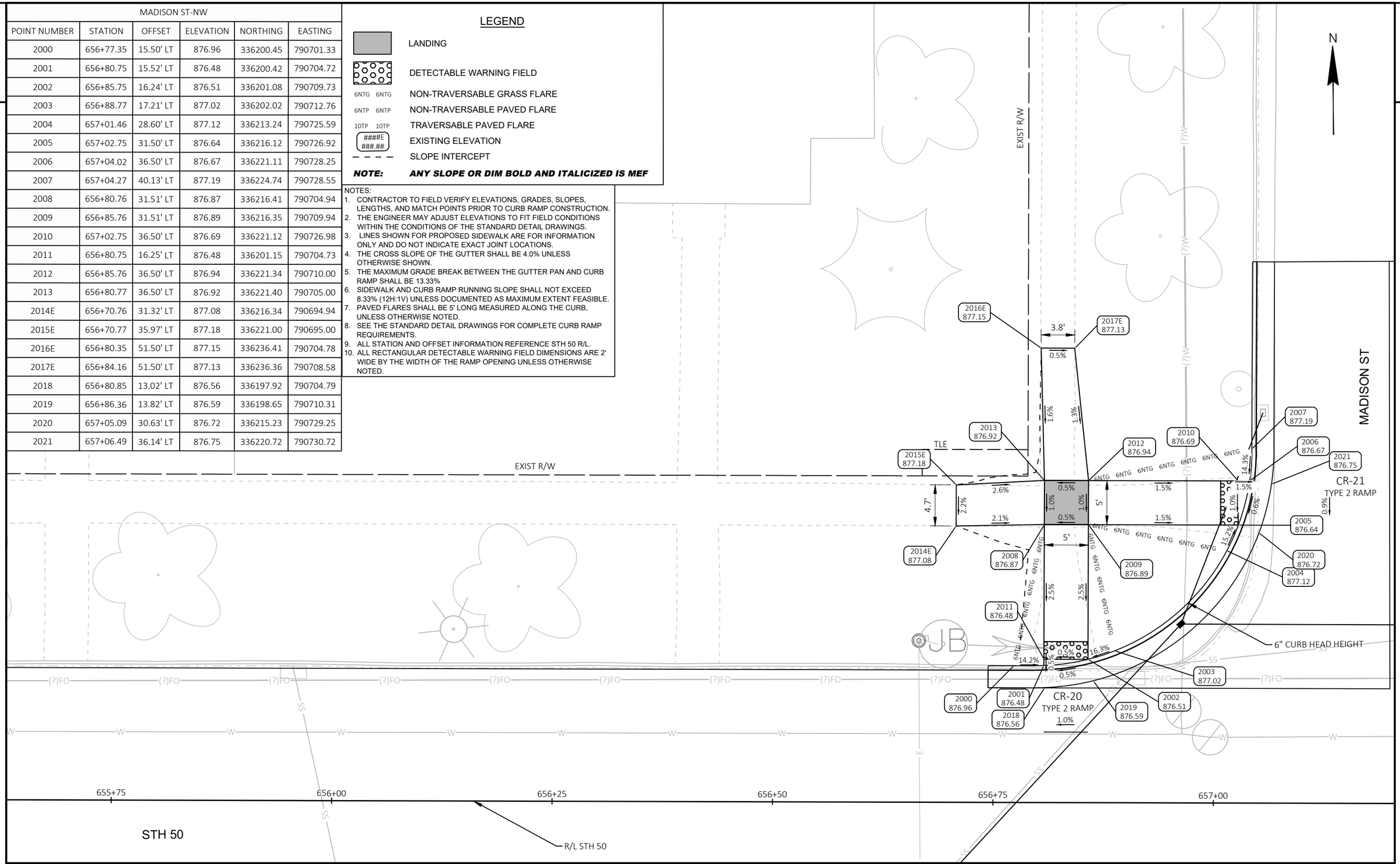
MADISON ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2000	656+77.35	15.50' LT	876.96	336200.45	790701.33
2001	656+80.75	15.52' LT	876.48	336200.42	790704.72
2002	656+85.75	16.24' LT	876.51	336201.08	790709.73
2003	656+88.77	17.21' LT	877.02	336202.02	790712.76
2004	657+01.46	28.60' LT	877.12	336213.24	790725.59
2005	657+02.75	31.50' LT	876.64	336216.12	790726.92
2006	657+04.02	36.50' LT	876.67	336221.11	790728.25
2007	657+04.27	40.13' LT	877.19	336224.74	790728.55
2008	656+80.76	31.51' LT	876.87	336216.41	790704.94
2009	656+85.76	31.51' LT	876.89	336216.35	790709.94
2010	657+02.75	36.50' LT	876.69	336221.12	790726.98
2011	656+80.75	16.25' LT	876.48	336201.15	790704.73
2012	656+85.76	36.50' LT	876.94	336221.34	790710.00
2013	656+80.77	36.50' LT	876.92	336221.40	790705.00
2014E	656+70.76	31.32' LT	877.08	336216.34	790694.94
2015E	656+70.77	35.97' LT	877.18	336221.00	790695.00
2016E	656+80.35	51.50' LT	877.15	336236.41	790704.78
2017E	656+84.16	51.50' LT	877.13	336236.36	790708.58
2018	656+80.85	13.02' LT	876.56	336197.92	790704.79
2019	656+86.36	13.82' LT	876.59	336198.65	790710.31
2020	657+05.09	30.63' LT	876.72	336215.23	790729.25
2021	657+06.49	36.14' LT	876.75	336220.72	790730.72

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

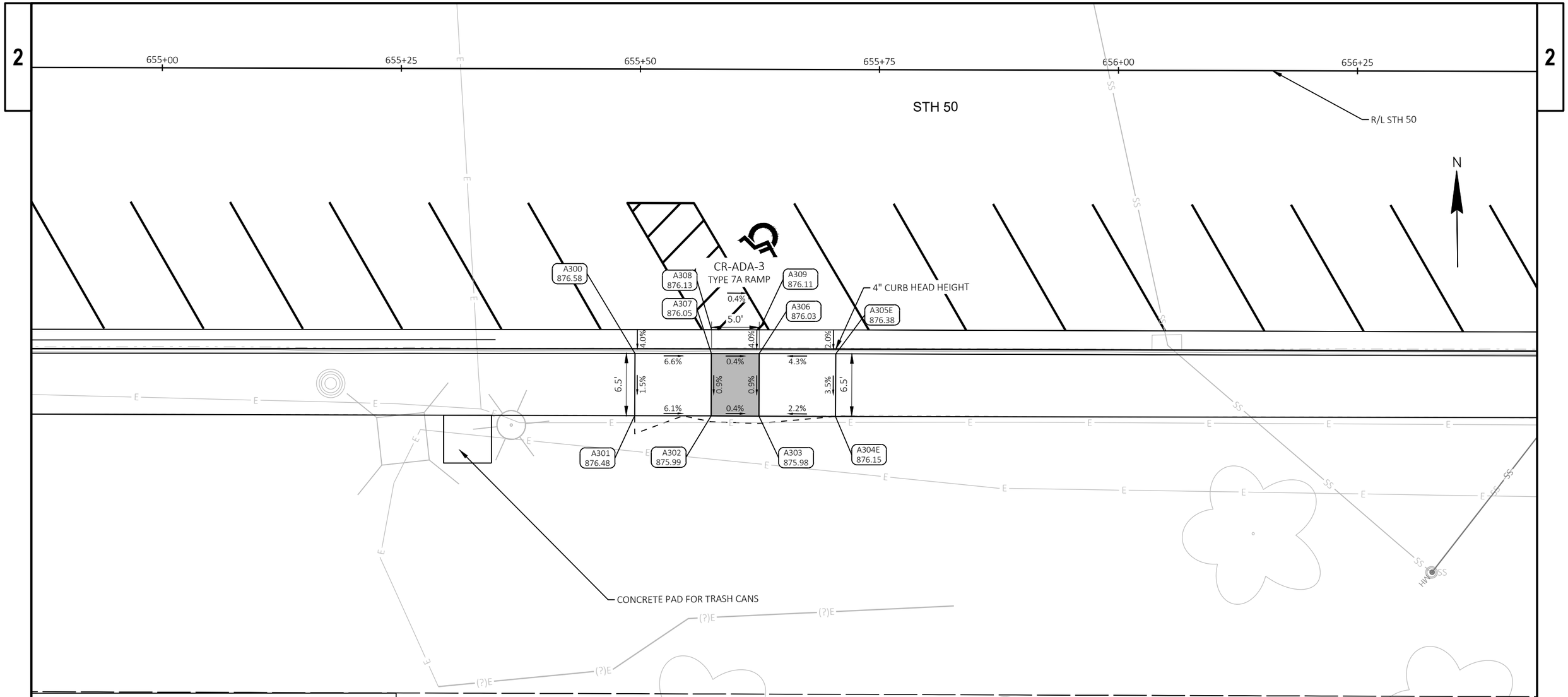
NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
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7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - MADISON ST - W	SHEET 108	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021302-CR-71_2 OF 4-SKY TO MAXWELL.DWG
LAYOUT NAME - 02-04a-Mad
PLOT DATE : 9/29/2026 1:09 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



MADISON ST-ADA					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
A300	655+49.50	29.72' RT	876.58	336156.83	790572.92
A301	655+49.50	36.23' RT	876.48	336150.33	790572.84
A302	655+57.50	36.23' RT	875.99	336150.22	790580.84
A303	655+62.50	36.23' RT	875.98	336150.16	790585.83
A304E	655+70.50	36.24' RT	876.15	336150.05	790593.83
A305E	655+70.50	29.70' RT	876.38	336156.59	790593.92
A306	655+62.50	29.71' RT	876.03	336156.68	790585.92
A307	655+57.50	29.71' RT	876.05	336156.74	790580.92
A308	655+57.50	27.21' RT	876.13	336159.24	790580.95
A309	655+62.50	27.21' RT	876.11	336159.18	790585.95

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
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7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
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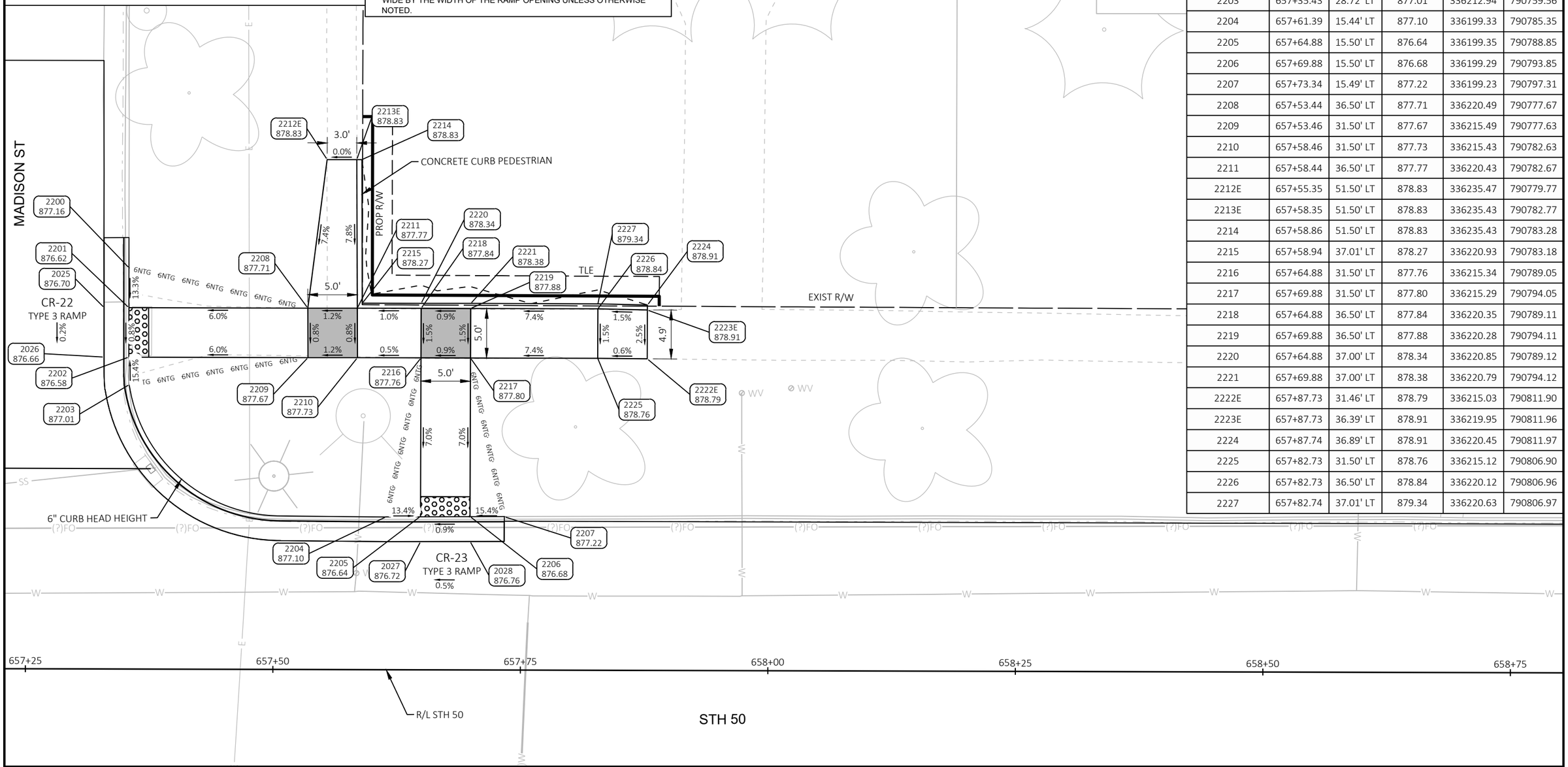
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - MADISON ST - S	SHEET 109	E

LEGEND

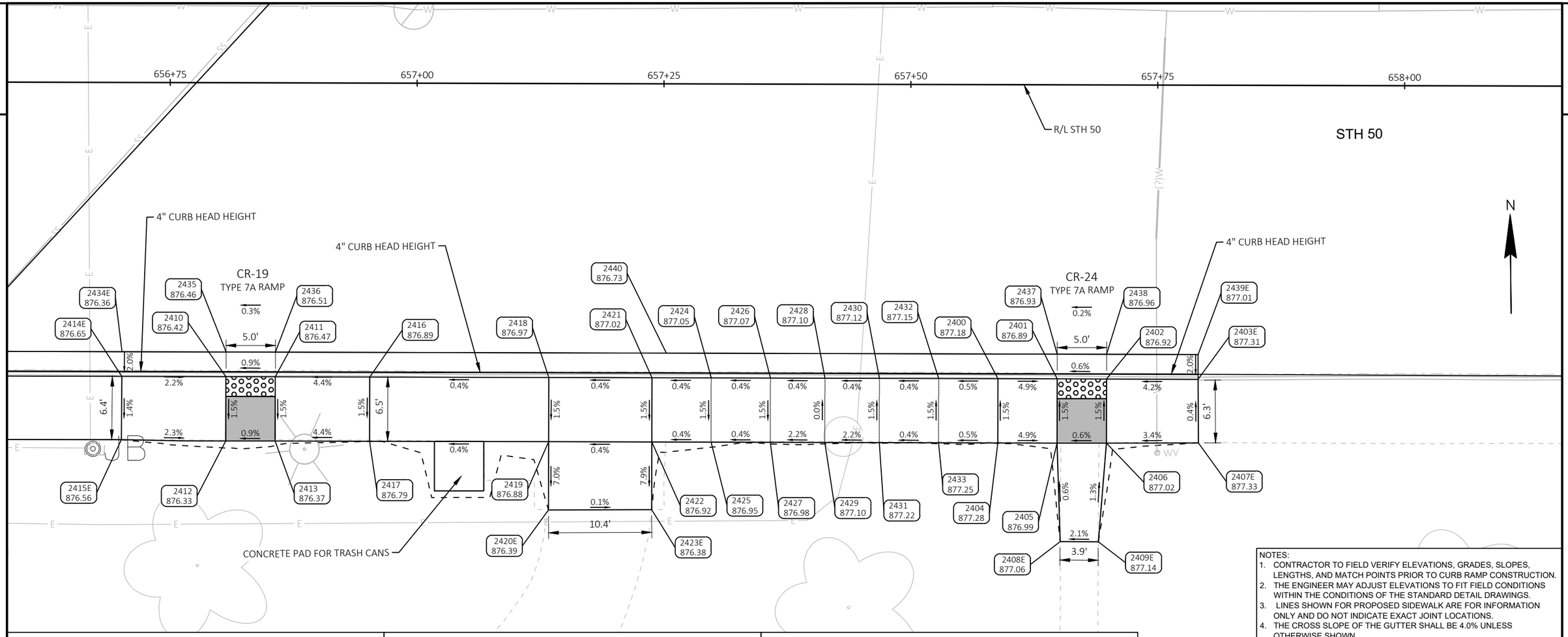
- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
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- SLOPE INTERCEPT

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MADISON ST-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2025	657+32.85	36.49' LT	876.70	336220.74	790757.09
2026	657+32.87	31.50' LT	876.66	336215.74	790757.04
2027	657+64.89	12.95' LT	876.72	336196.80	790788.83
2028	657+69.89	12.97' LT	876.76	336196.76	790793.83
2200	657+35.37	40.50' LT	877.16	336224.72	790759.66
2201	657+35.36	36.50' LT	876.62	336220.72	790759.59
2202	657+35.37	31.50' LT	876.58	336215.72	790759.54
2203	657+35.43	28.72' LT	877.01	336212.94	790759.56
2204	657+61.39	15.44' LT	877.10	336199.33	790785.35
2205	657+64.88	15.50' LT	876.64	336199.35	790788.85
2206	657+69.88	15.50' LT	876.68	336199.29	790793.85
2207	657+73.34	15.49' LT	877.22	336199.23	790797.31
2208	657+53.44	36.50' LT	877.71	336220.49	790777.67
2209	657+53.46	31.50' LT	877.67	336215.49	790777.63
2210	657+58.46	31.50' LT	877.73	336215.43	790782.63
2211	657+58.44	36.50' LT	877.77	336220.43	790782.67
2212E	657+55.35	51.50' LT	878.83	336235.47	790779.77
2213E	657+58.35	51.50' LT	878.83	336235.43	790782.77
2214	657+58.86	51.50' LT	878.83	336235.43	790783.28
2215	657+58.94	37.01' LT	878.27	336220.93	790783.18
2216	657+64.88	31.50' LT	877.76	336215.34	790789.05
2217	657+69.88	31.50' LT	877.80	336215.29	790794.05
2218	657+64.88	36.50' LT	877.84	336220.35	790789.11
2219	657+69.88	36.50' LT	877.88	336220.28	790794.11
2220	657+64.88	37.00' LT	878.34	336220.85	790789.12
2221	657+69.88	37.00' LT	878.38	336220.79	790794.12
2222E	657+87.73	31.46' LT	878.79	336215.03	790811.90
2223E	657+87.73	36.39' LT	878.91	336219.95	790811.96
2224	657+87.74	36.89' LT	878.91	336220.45	790811.97
2225	657+82.73	31.50' LT	878.76	336215.12	790806.90
2226	657+82.73	36.50' LT	878.84	336220.12	790806.96
2227	657+82.74	37.01' LT	879.34	336220.63	790806.97



MADISON ST-S						MADISON ST-S						MADISON ST-S					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2400	657+58.88	29.75' RT	877.18	336154.18	790782.28	2414E	656+70.18	29.75' RT	876.65	336155.29	790693.58	2428	657+41.37	29.75' RT	877.10	336154.40	790764.77
2401	657+64.88	29.75' RT	876.89	336154.10	790788.28	2415E	656+70.14	36.15' RT	876.56	336148.89	790693.47	2429	657+41.37	36.25' RT	877.10	336147.90	790764.69
2402	657+69.88	29.75' RT	876.92	336154.04	790793.28	2416	656+95.27	29.75' RT	876.89	336154.98	790718.68	2430	657+46.88	29.75' RT	877.12	336154.33	790770.29
2403E	657+79.15	29.75' RT	877.31	336153.92	790802.55	2417	656+95.27	36.25' RT	876.79	336148.48	790718.60	2431	657+46.88	36.25' RT	877.22	336147.83	790770.20
2404	657+58.88	36.25' RT	877.28	336147.68	790782.20	2418	657+13.41	29.75' RT	876.97	336154.75	790736.81	2432	657+52.88	29.75' RT	877.15	336154.25	790776.29
2405	657+64.88	36.25' RT	876.99	336147.60	790788.20	2419	657+13.40	36.24' RT	876.88	336148.26	790736.72	2433	657+52.88	36.25' RT	877.25	336147.75	790776.20
2406	657+69.88	36.25' RT	877.02	336147.54	790793.20	2420E	657+13.41	43.16' RT	876.39	336141.34	790736.64	2434E	656+70.18	27.25' RT	876.36	336157.79	790693.61
2407E	657+79.20	36.20' RT	877.33	336147.48	790802.52	2421	657+23.85	29.75' RT	877.02	336154.62	790747.25	2435	656+80.71	27.25' RT	876.46	336157.66	790704.15
2408E	657+65.22	46.22' RT	877.06	336137.63	790788.42	2422	657+23.85	36.25' RT	876.92	336148.12	790747.17	2436	656+85.71	27.25' RT	876.51	336157.59	790709.15
2409E	657+69.09	46.22' RT	877.14	336137.58	790792.29	2423E	657+23.85	43.09' RT	876.38	336141.28	790747.08	2437	657+64.88	27.25' RT	876.93	336156.60	790788.31
2410	656+80.71	29.75' RT	876.42	336155.16	790704.12	2424	657+29.85	29.75' RT	877.05	336154.54	790753.25	2438	657+69.88	27.25' RT	876.96	336156.54	790793.31
2411	656+85.71	29.75' RT	876.47	336155.10	790709.12	2425	657+29.85	36.25' RT	876.95	336148.04	790753.17	2439E	657+79.15	27.25' RT	877.01	336156.42	790802.58
2412	656+80.71	36.25' RT	876.33	336148.66	790704.04	2426	657+35.85	29.75' RT	877.07	336154.47	790759.25	2440	657+25.30	27.25' RT	876.73	336157.10	790748.73
2413	656+85.71	36.25' RT	876.37	336148.60	790709.04	2427	657+35.85	36.25' RT	876.98	336147.97	790759.17						

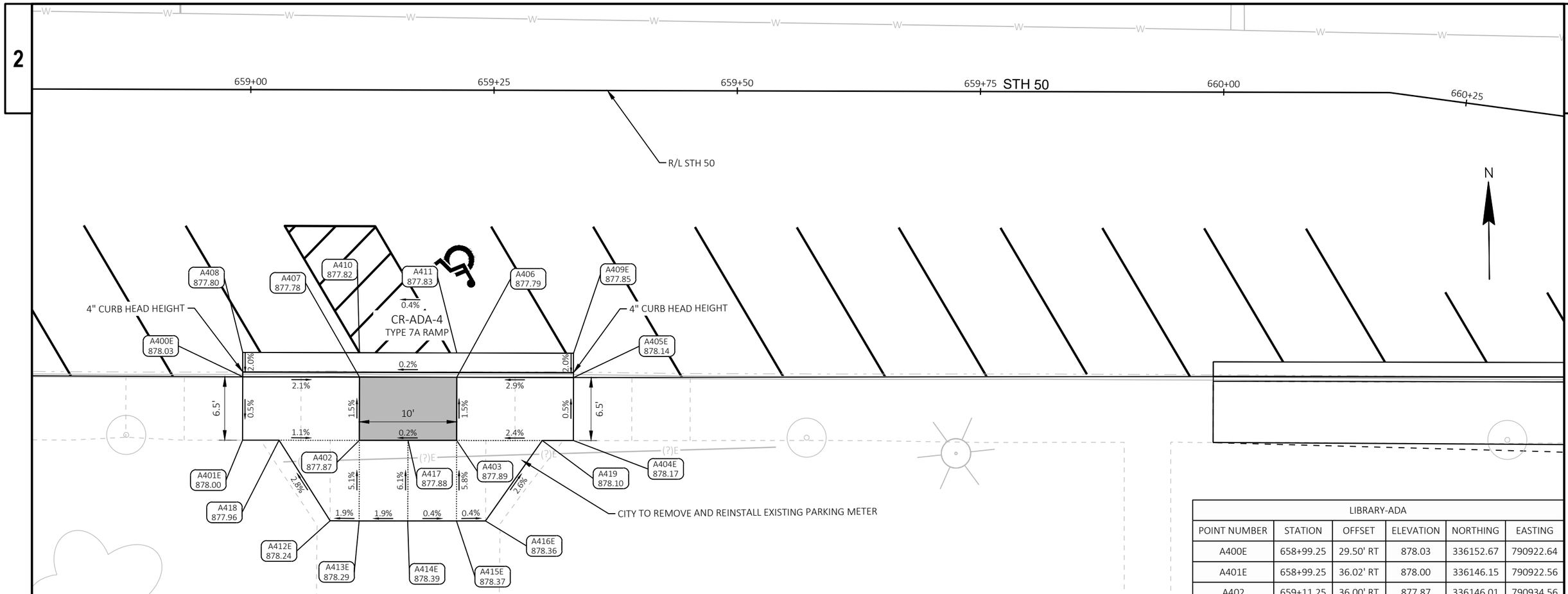
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LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - MADISON ST - SE	SHEET 111	E



NOTES:

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LEGEND

	LANDING
	DETECTABLE WARNING FIELD
6NTG 6NTG	NON-TRAVERSABLE GRASS FLARE
6NTP 6NTP	NON-TRAVERSABLE PAVED FLARE
1OTP 1OTP	TRAVERSABLE PAVED FLARE
####E ###.##	EXISTING ELEVATION
	SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

LIBRARY-ADA

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
A400E	658+99.25	29.50' RT	878.03	336152.67	790922.64
A401E	658+99.25	36.02' RT	878.00	336146.15	790922.56
A402	659+11.25	36.00' RT	877.87	336146.01	790934.56
A403	659+21.25	35.99' RT	877.89	336145.91	790944.56
A404E	659+33.25	35.97' RT	878.17	336145.77	790956.56
A405E	659+33.25	29.50' RT	878.14	336152.24	790956.64
A406	659+21.25	29.50' RT	877.79	336152.39	790944.64
A407	659+11.25	29.50' RT	877.78	336152.52	790934.64
A408	658+99.25	27.00' RT	877.80	336155.17	790922.67
A409E	659+33.25	27.00' RT	877.85	336154.74	790956.67
A410	659+11.25	27.00' RT	877.82	336155.02	790934.67
A411	659+21.25	27.00' RT	877.83	336154.89	790944.67
A412E	659+08.27	44.28' RT	878.24	336137.77	790931.47
A413E	659+11.26	44.28' RT	878.29	336137.74	790934.47
A414E	659+16.25	44.27' RT	878.39	336137.69	790939.45
A415E	659+21.26	44.26' RT	878.37	336137.63	790944.47
A416E	659+24.23	44.26' RT	878.36	336137.60	790947.44
A417	659+16.25	35.99' RT	877.88	336145.96	790939.56
A418	659+02.99	36.02' RT	877.96	336146.11	790926.30
A419	659+30.04	35.97' RT	878.10	336145.81	790953.35

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - LIBRARY ADA	SHEET 112	E

2

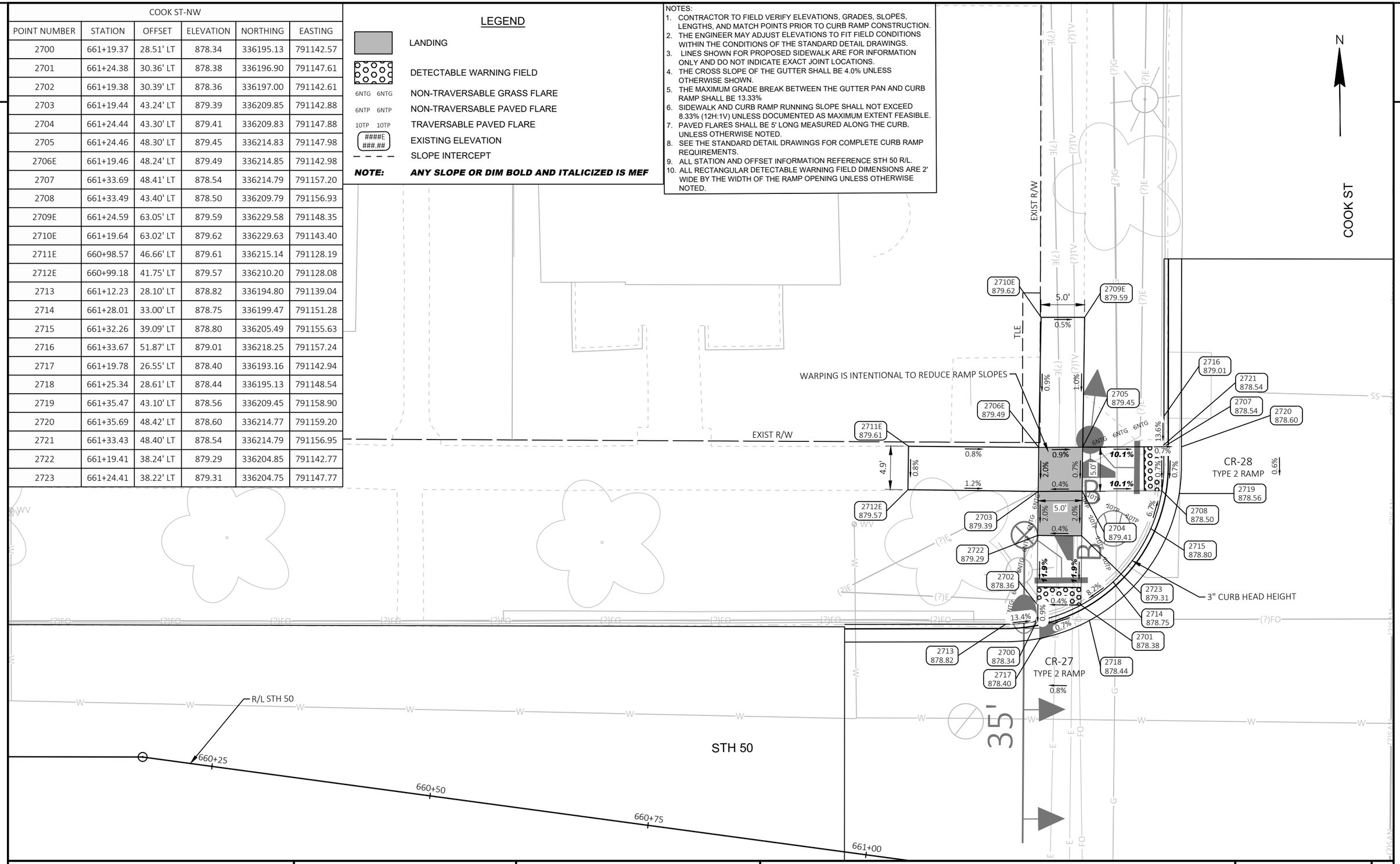
COOK ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2700	661+19.37	28.51' LT	878.34	336195.13	791142.57
2701	661+24.38	30.36' LT	878.38	336196.90	791147.61
2702	661+19.38	30.39' LT	878.36	336197.00	791142.61
2703	661+19.44	43.24' LT	879.39	336209.85	791142.88
2704	661+24.44	43.30' LT	879.41	336209.83	791147.88
2705	661+24.46	48.30' LT	879.45	336214.83	791147.98
2706E	661+19.46	48.24' LT	879.49	336214.85	791142.98
2707	661+33.69	48.41' LT	878.54	336214.79	791157.20
2708	661+33.49	43.40' LT	878.50	336209.79	791156.93
2709E	661+24.59	63.05' LT	879.59	336229.58	791148.35
2710E	661+19.64	63.02' LT	879.62	336229.63	791143.40
2711E	660+98.57	46.66' LT	879.61	336215.14	791128.19
2712E	660+99.18	41.75' LT	879.57	336210.20	791128.08
2713	661+12.23	28.10' LT	878.82	336194.80	791139.04
2714	661+28.01	33.00' LT	878.75	336199.47	791151.28
2715	661+32.26	39.09' LT	878.80	336205.49	791155.63
2716	661+33.67	51.87' LT	879.01	336218.25	791157.24
2717	661+19.78	26.55' LT	878.40	336193.16	791142.94
2718	661+25.34	28.61' LT	878.44	336195.13	791148.54
2719	661+35.47	43.10' LT	878.56	336209.45	791158.90
2720	661+35.69	48.42' LT	878.60	336214.77	791159.20
2721	661+33.43	48.40' LT	878.54	336214.79	791156.95
2722	661+19.41	38.24' LT	879.29	336204.85	791142.77
2723	661+24.41	38.22' LT	879.31	336204.75	791147.77

LEGEND

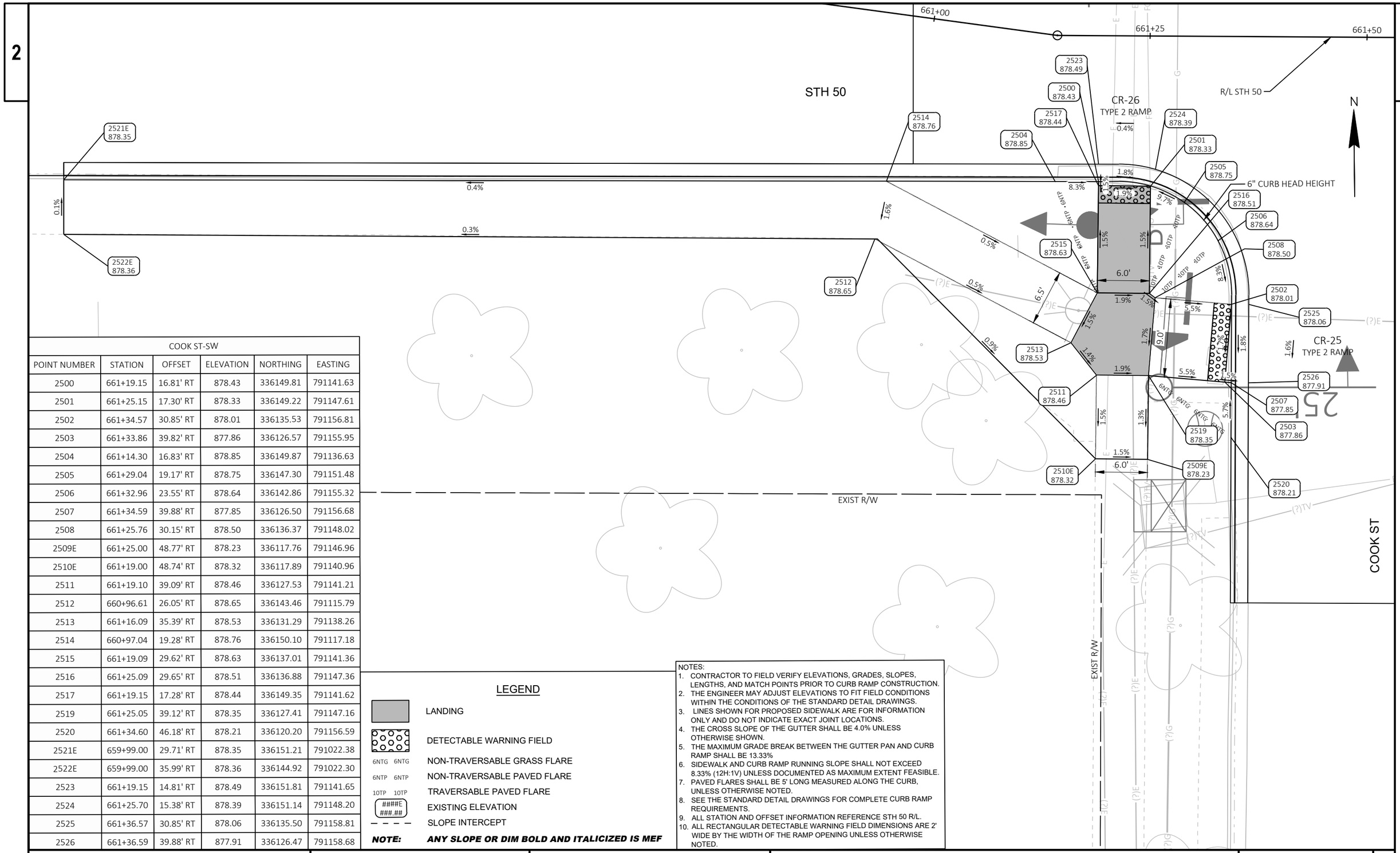
- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - COOK ST - NW	SHEET 113	E



COOK ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2500	661+19.15	16.81' RT	878.43	336149.81	791141.63
2501	661+25.15	17.30' RT	878.33	336149.22	791147.61
2502	661+34.57	30.85' RT	878.01	336135.53	791156.81
2503	661+33.86	39.82' RT	877.86	336126.57	791155.95
2504	661+14.30	16.83' RT	878.85	336149.87	791136.63
2505	661+29.04	19.17' RT	878.75	336147.30	791151.48
2506	661+32.96	23.55' RT	878.64	336142.86	791155.32
2507	661+34.59	39.88' RT	877.85	336126.50	791156.68
2508	661+25.76	30.15' RT	878.50	336136.37	791148.02
2509E	661+25.00	48.77' RT	878.23	336117.76	791146.96
2510E	661+19.00	48.74' RT	878.32	336117.89	791140.96
2511	661+19.10	39.09' RT	878.46	336127.53	791141.21
2512	660+96.61	26.05' RT	878.65	336143.46	791115.79
2513	661+16.09	35.39' RT	878.53	336131.29	791138.26
2514	660+97.04	19.28' RT	878.76	336150.10	791117.18
2515	661+19.09	29.62' RT	878.63	336137.01	791141.36
2516	661+25.09	29.65' RT	878.51	336136.88	791147.36
2517	661+19.15	17.28' RT	878.44	336149.35	791141.62
2519	661+25.05	39.12' RT	878.35	336127.41	791147.16
2520	661+34.60	46.18' RT	878.21	336120.20	791156.59
2521E	659+99.00	29.71' RT	878.35	336151.21	791022.38
2522E	659+99.00	35.99' RT	878.36	336144.92	791022.30
2523	661+19.15	14.81' RT	878.49	336151.81	791141.65
2524	661+25.70	15.38' RT	878.39	336151.14	791148.20
2525	661+36.57	30.85' RT	878.06	336135.50	791158.81
2526	661+36.59	39.88' RT	877.91	336126.47	791158.68

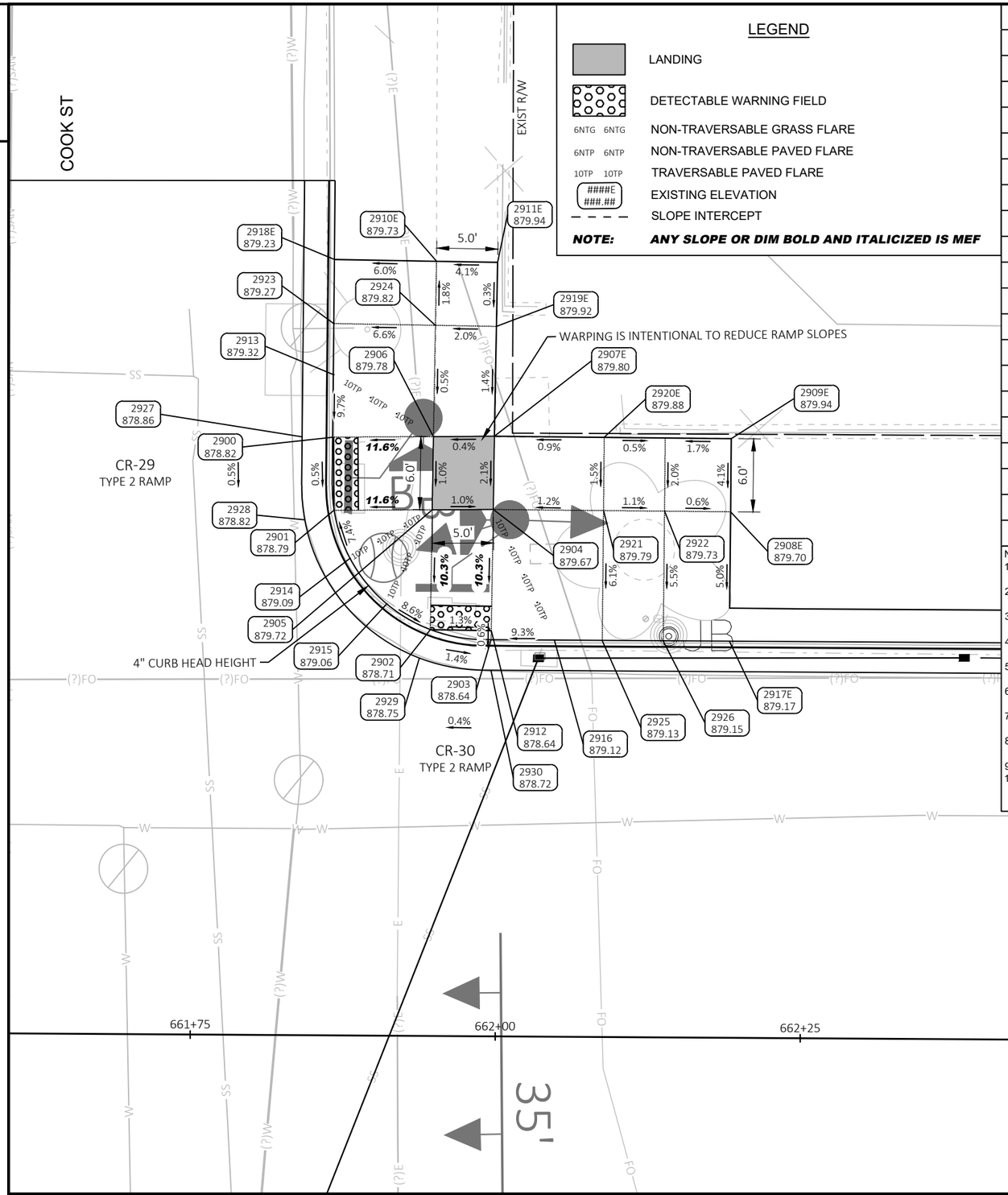
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - COOK ST - SW	SHEET 114	E

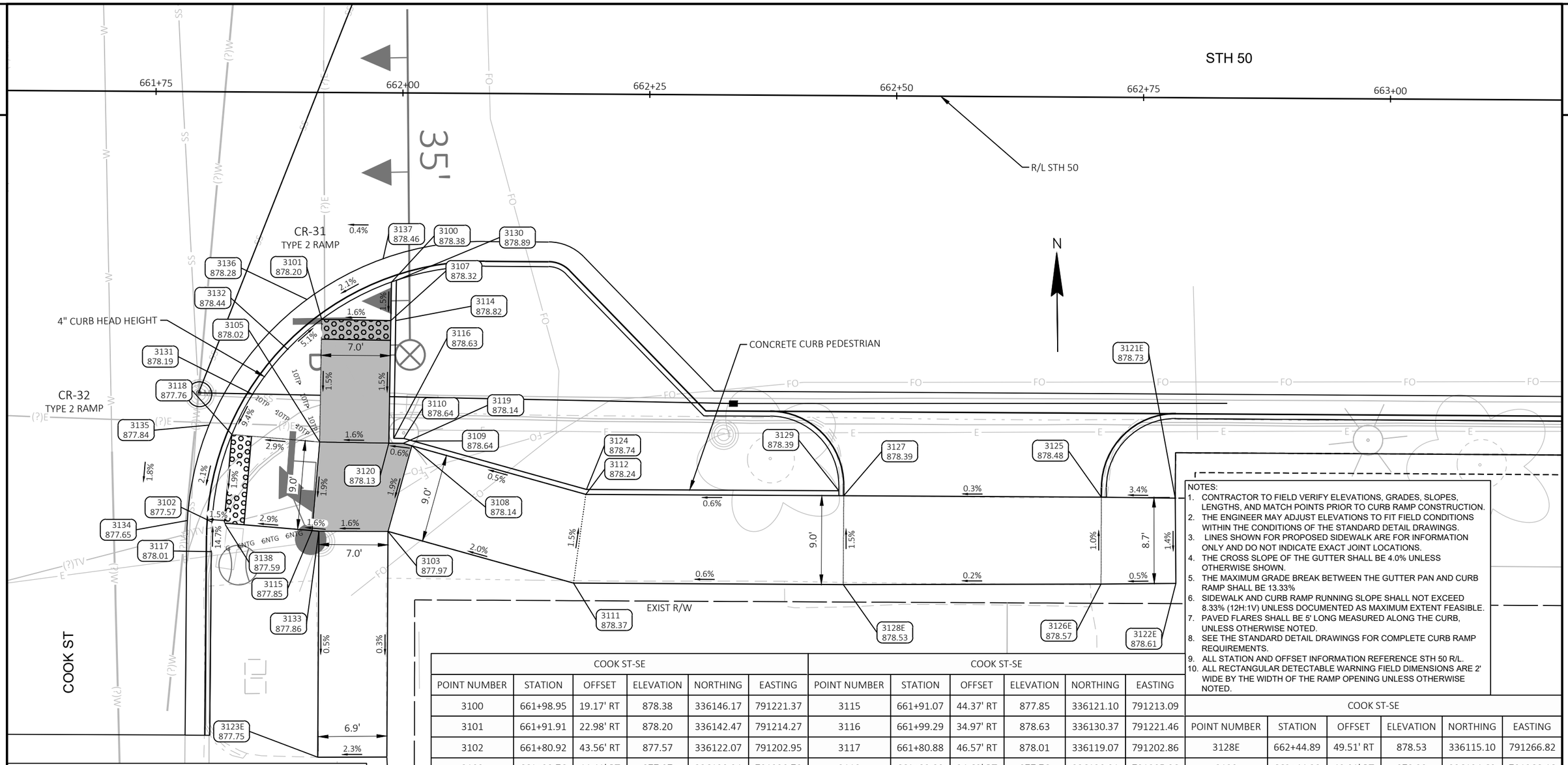


COOK ST-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2900	661+86.38	49.01' LT	878.82	336214.54	791209.90
2901	661+86.52	43.02' LT	878.79	336208.55	791209.95
2902	661+94.48	33.29' LT	878.71	336198.70	791217.74
2903	661+99.47	32.50' LT	878.64	336197.82	791222.72
2904	661+99.58	43.17' LT	879.67	336208.49	791223.00
2905	661+94.58	43.11' LT	879.72	336208.51	791218.00
2906	661+94.64	49.11' LT	879.78	336214.51	791218.16
2907E	661+99.64	49.17' LT	879.80	336214.49	791223.16
2908E	662+19.03	43.10' LT	879.70	336208.11	791242.46
2909E	662+19.06	49.10' LT	879.94	336214.10	791242.58
2910E	661+94.80	63.47' LT	879.73	336228.87	791218.55
2911E	661+99.81	63.42' LT	879.94	336228.73	791223.56
2912	661+99.48	33.24' LT	878.64	336198.57	791222.74
2913	661+86.40	54.14' LT	879.32	336219.67	791210.00
2914	661+87.85	39.09' LT	879.09	336204.60	791211.21
2915	661+90.89	35.37' LT	879.06	336200.84	791214.19
2916	662+04.65	32.50' LT	879.12	336197.75	791227.91
2917E	662+18.99	32.50' LT	879.17	336197.51	791242.25
2918E	661+86.43	63.57' LT	879.23	336229.10	791210.19

COOK ST-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
2919E	661+99.74	58.17' LT	879.92	336223.49	791223.41
2920E	662+08.64	49.14' LT	879.88	336214.31	791232.16
2921	662+08.61	43.14' LT	879.79	336208.31	791232.04
2922	662+13.61	43.12' LT	879.73	336208.21	791237.04
2923	661+86.41	58.32' LT	879.27	336223.85	791210.09
2924	661+94.74	58.23' LT	879.82	336223.62	791218.41
2925	662+08.58	32.50' LT	879.13	336197.68	791231.83
2926	662+13.58	32.50' LT	879.15	336197.60	791236.83
2927	661+83.88	49.03' LT	878.86	336214.60	791207.40
2928	661+84.14	42.23' LT	878.82	336207.80	791207.55
2929	661+93.60	30.95' LT	878.75	336196.37	791216.83
2930	661+99.47	30.00' LT	878.72	336195.32	791222.68

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
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5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - COOK ST - NE	SHEET 115	E



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

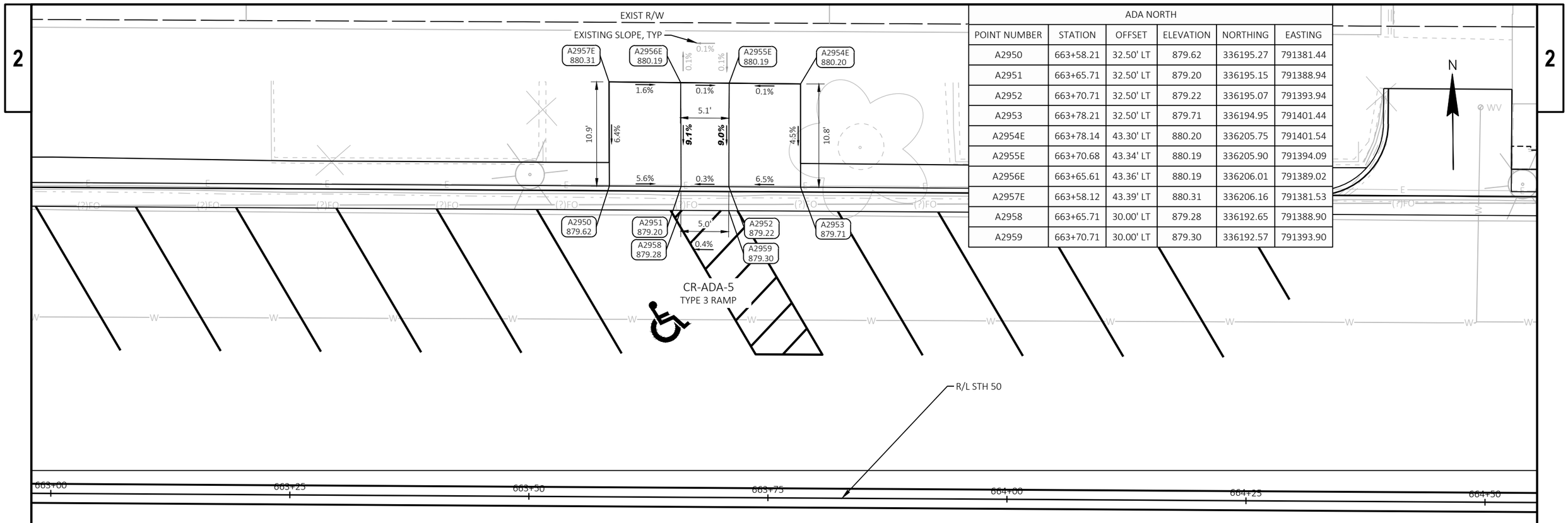
NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

COOK ST-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3100	661+98.95	19.17' RT	878.38	336146.17	791221.37
3101	661+91.91	22.98' RT	878.20	336142.47	791214.27
3102	661+80.92	43.56' RT	877.57	336122.07	791202.95
3103	661+98.76	44.41' RT	877.97	336120.94	791220.78
3105	661+91.78	35.39' RT	878.02	336130.06	791213.94
3107	661+98.91	23.05' RT	878.32	336142.29	791221.27
3108	662+01.12	35.72' RT	878.14	336129.58	791223.28
3109	662+01.26	35.24' RT	878.64	336130.06	791223.42
3110	662+00.30	34.98' RT	878.64	336130.34	791222.47
3111	662+17.57	49.52' RT	878.37	336115.52	791239.50
3112	662+18.77	40.52' RT	878.24	336124.50	791240.84
3113E	661+98.79	67.25' RT	877.91	336098.10	791220.43
3114	661+99.41	23.06' RT	878.82	336142.28	791221.77

COOK ST-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3115	661+91.07	44.37' RT	877.85	336121.10	791213.09
3116	661+99.29	34.97' RT	878.63	336130.37	791221.46
3117	661+80.88	46.57' RT	878.01	336119.07	791202.86
3118	661+82.89	34.69' RT	877.76	336130.91	791205.06
3119	662+00.23	35.48' RT	878.14	336129.84	791222.39
3120	661+98.78	35.47' RT	878.13	336129.88	791220.94
3121E	662+78.45	40.54' RT	878.73	336123.52	791300.52
3122E	662+78.58	49.17' RT	878.61	336114.89	791300.51
3123E	661+91.79	67.30' RT	877.75	336098.16	791213.43
3124	662+18.83	40.02' RT	878.74	336125.00	791240.92
3125	662+70.97	40.49' RT	878.48	336123.69	791293.04
3126E	662+70.99	49.29' RT	878.57	336114.89	791292.92
3127	662+44.88	40.51' RT	878.39	336124.09	791266.96

COOK ST-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3128E	662+44.89	49.51' RT	878.53	336115.10	791266.82
3129	662+44.38	40.01' RT	878.39	336124.60	791266.46
3130	661+99.45	18.99' RT	878.89	336146.34	791221.87
3131	661+84.95	30.60' RT	878.19	336134.96	791207.19
3132	661+88.48	26.02' RT	878.44	336139.49	791210.80
3133	661+91.76	44.42' RT	877.86	336121.04	791213.78
3134	661+78.42	43.43' RT	877.65	336122.24	791200.46
3135	661+80.57	33.75' RT	877.84	336131.89	791202.76
3136	661+90.41	20.98' RT	878.28	336144.50	791212.80
3137	661+98.09	16.82' RT	878.46	336148.53	791220.55
3138	661+82.18	43.66' RT	877.59	336121.95	791204.21

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - COOK ST - SE	SHEET 116	E



ADA NORTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
A2950	663+58.21	32.50' LT	879.62	336195.27	791381.44
A2951	663+65.71	32.50' LT	879.20	336195.15	791388.94
A2952	663+70.71	32.50' LT	879.22	336195.07	791393.94
A2953	663+78.21	32.50' LT	879.71	336194.95	791401.44
A2954E	663+78.14	43.30' LT	880.20	336205.75	791401.54
A2955E	663+70.68	43.34' LT	880.19	336205.90	791394.09
A2956E	663+65.61	43.36' LT	880.19	336206.01	791389.02
A2957E	663+58.12	43.39' LT	880.31	336206.16	791381.53
A2958	663+65.71	30.00' LT	879.28	336192.65	791388.90
A2959	663+70.71	30.00' LT	879.30	336192.57	791393.90

ADA SOUTH					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
A3150	663+64.20	32.50' RT	878.90	336130.18	791386.39
A3151	663+71.69	32.50' RT	878.68	336130.06	791393.88
A3152	663+76.73	32.50' RT	878.72	336129.98	791398.91
A3153	663+84.21	32.50' RT	879.03	336129.86	791406.39
A3154E	663+64.25	40.56' RT	879.04	336122.12	791386.31
A3155E	663+71.71	40.58' RT	879.10	336121.98	791393.77
A3156E	663+76.78	40.59' RT	879.12	336121.88	791398.83
A3157E	663+84.27	40.61' RT	879.20	336121.75	791406.33
A3158	663+71.69	30.00' RT	878.70	336132.56	791393.92
A3159	663+76.73	30.00' RT	878.73	336132.48	791398.95

NOTES:
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6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - ADA PARKING RAMPS B/W COOK ST AND BROAD ST	SHEET 117	E

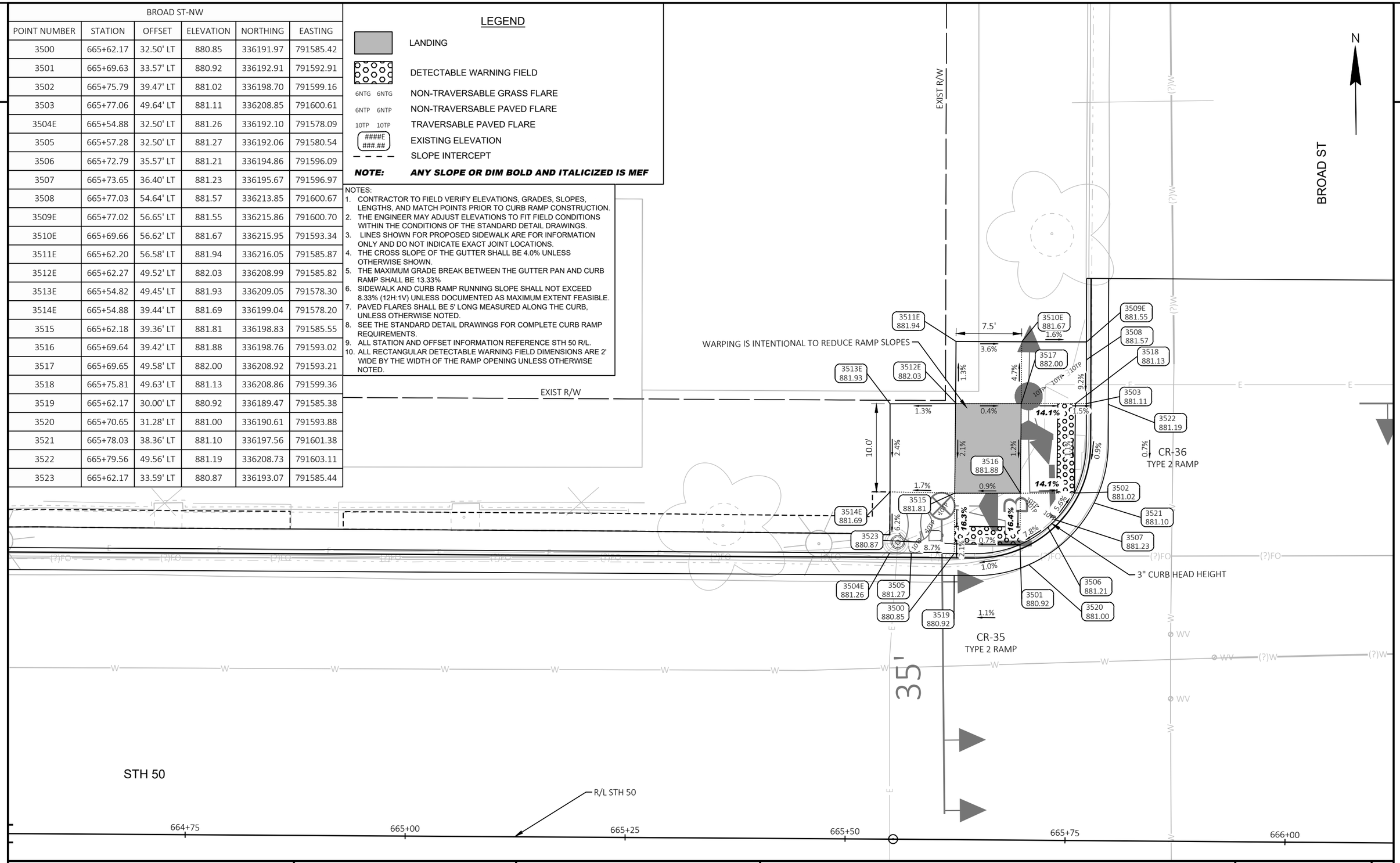
BROAD ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3500	665+62.17	32.50' LT	880.85	336191.97	791585.42
3501	665+69.63	33.57' LT	880.92	336192.91	791592.91
3502	665+75.79	39.47' LT	881.02	336198.70	791599.16
3503	665+77.06	49.64' LT	881.11	336208.85	791600.61
3504E	665+54.88	32.50' LT	881.26	336192.10	791578.09
3505	665+57.28	32.50' LT	881.27	336192.06	791580.54
3506	665+72.79	35.57' LT	881.21	336194.86	791596.09
3507	665+73.65	36.40' LT	881.23	336195.67	791596.97
3508	665+77.03	54.64' LT	881.57	336213.85	791600.67
3509E	665+77.02	56.65' LT	881.55	336215.86	791600.70
3510E	665+69.66	56.62' LT	881.67	336215.95	791593.34
3511E	665+62.20	56.58' LT	881.94	336216.05	791585.87
3512E	665+62.27	49.52' LT	882.03	336208.99	791585.82
3513E	665+54.82	49.45' LT	881.93	336209.05	791578.30
3514E	665+54.88	39.44' LT	881.69	336199.04	791578.20
3515	665+62.18	39.36' LT	881.81	336198.83	791585.55
3516	665+69.64	39.42' LT	881.88	336198.76	791593.02
3517	665+69.65	49.58' LT	882.00	336208.92	791593.21
3518	665+75.81	49.63' LT	881.13	336208.86	791599.36
3519	665+62.17	30.00' LT	880.92	336189.47	791585.38
3520	665+70.65	31.28' LT	881.00	336190.61	791593.88
3521	665+78.03	38.36' LT	881.10	336197.56	791601.38
3522	665+79.56	49.56' LT	881.19	336208.73	791603.11
3523	665+62.17	33.59' LT	880.87	336193.07	791585.44

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

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NOTES:
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4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - BROAD ST - NW	SHEET 118	E

2

STH 50

R/L STH 50

664+75 665+00 665+25 665+50 665+75 666+00

N

BROAD ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3300	665+62.36	32.68' RT	879.93	336126.80	791584.48
3301	665+69.87	35.64' RT	879.94	336123.71	791591.93
3302	665+74.69	40.70' RT	879.87	336118.57	791596.66
3303	665+77.36	49.39' RT	879.77	336109.83	791599.17
3304E	665+51.73	32.51' RT	880.18	336127.15	791573.89
3305	665+59.04	32.50' RT	880.25	336127.04	791581.16
3306	665+72.11	37.49' RT	880.16	336121.82	791594.14
3307	665+72.94	38.37' RT	880.15	336120.93	791594.95
3308	665+77.37	52.00' RT	880.02	336107.22	791599.14
3309E	665+77.38	60.80' RT	879.68	336098.42	791598.99
3310E	665+69.92	60.83' RT	879.96	336098.52	791591.54
3311E	665+69.97	72.72' RT	879.82	336086.63	791591.37
3312E	665+62.45	72.80' RT	879.95	336086.68	791583.86
3313E	665+62.38	49.41' RT	880.23	336110.08	791584.20
3314E	665+51.72	49.36' RT	880.24	336110.30	791573.61
3315E	665+51.73	40.69' RT	880.19	336118.97	791573.76
3316	665+62.37	40.71' RT	880.29	336118.77	791584.34
3317	665+69.87	40.70' RT	880.26	336118.65	791591.84
3318	665+69.88	49.40' RT	880.20	336109.95	791591.70
3319	665+62.37	35.65' RT	879.98	336123.84	791584.43
3320	665+74.70	49.40' RT	879.81	336109.87	791596.52
3321	665+62.72	30.20' RT	880.01	336129.27	791584.87
3322	665+71.30	33.59' RT	880.02	336125.74	791593.39
3323	665+76.81	39.37' RT	879.95	336119.86	791598.80
3324	665+79.86	49.31' RT	879.85	336109.87	791601.67

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

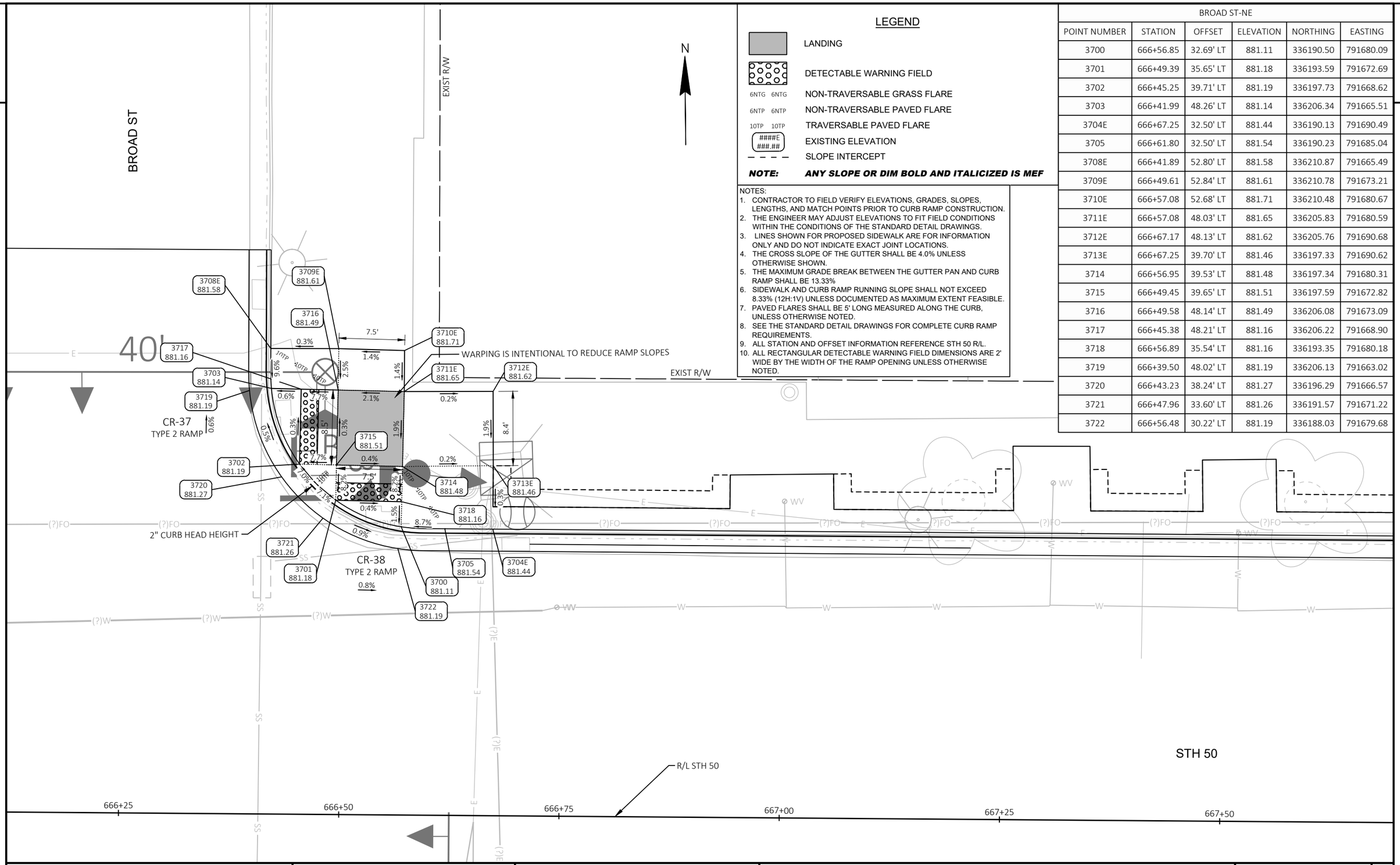
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

3321 880.01 — 1.5%
3300 879.93
CR-34 TYPE 2 RAMP
3301 879.94
3322 880.02
3306 880.16
3" CURB HEAD HEIGHT
3319 879.98
3307 880.15
3323 879.95
3315E 880.19
3316 880.29
3302 879.87
3317 880.26
CR-33 TYPE 2 RAMP
3303 879.77
3324 879.85
EXIST R/W
3314E 880.24
3313E 880.23
3318 880.20
3308 880.02
3320 879.81
3310E 879.96
3309E 879.68
EXIST R/W
3312E 879.95
3311E 879.82
BROAD ST
40'

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - BROAD ST - SW	SHEET 119	E



LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

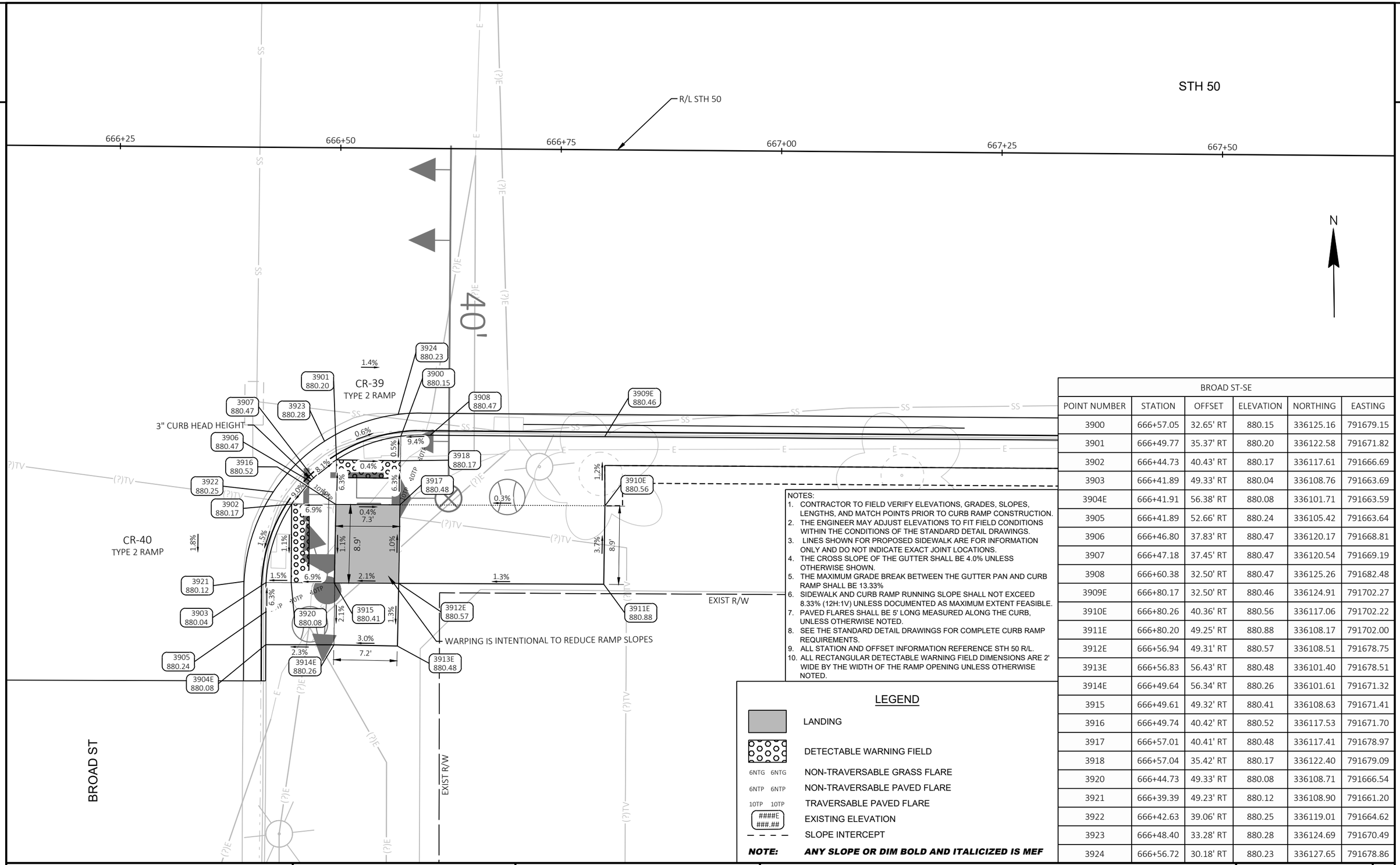
NOTES:
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9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
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BROAD ST-NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3700	666+56.85	32.69' LT	881.11	336190.50	791680.09
3701	666+49.39	35.65' LT	881.18	336193.59	791672.69
3702	666+45.25	39.71' LT	881.19	336197.73	791668.62
3703	666+41.99	48.26' LT	881.14	336206.34	791665.51
3704E	666+67.25	32.50' LT	881.44	336190.13	791690.49
3705	666+61.80	32.50' LT	881.54	336190.23	791685.04
3708E	666+41.89	52.80' LT	881.58	336210.87	791665.49
3709E	666+49.61	52.84' LT	881.61	336210.78	791673.21
3710E	666+57.08	52.68' LT	881.71	336210.48	791680.67
3711E	666+57.08	48.03' LT	881.65	336205.83	791680.59
3712E	666+67.17	48.13' LT	881.62	336205.76	791690.68
3713E	666+67.25	39.70' LT	881.46	336197.33	791690.62
3714	666+56.95	39.53' LT	881.48	336197.34	791680.31
3715	666+49.45	39.65' LT	881.51	336197.59	791672.82
3716	666+49.58	48.14' LT	881.49	336206.08	791673.09
3717	666+45.38	48.21' LT	881.16	336206.22	791668.90
3718	666+56.89	35.54' LT	881.16	336193.35	791680.18
3719	666+39.50	48.02' LT	881.19	336206.13	791663.02
3720	666+43.23	38.24' LT	881.27	336196.29	791666.57
3721	666+47.96	33.60' LT	881.26	336191.57	791671.22
3722	666+56.48	30.22' LT	881.19	336188.03	791679.68

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - BROAD ST - NE	SHEET 120	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021303-CR-71_3 OF 4-MAXWELL TO 672+00.DWG
LAYOUT NAME - 03-03c-Brd
PLOT DATE : 9/29/2026 1:24 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
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LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF

BROAD ST-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
3900	666+57.05	32.65' RT	880.15	336125.16	791679.15
3901	666+49.77	35.37' RT	880.20	336122.58	791671.82
3902	666+44.73	40.43' RT	880.17	336117.61	791666.69
3903	666+41.89	49.33' RT	880.04	336108.76	791663.69
3904E	666+41.91	56.38' RT	880.08	336101.71	791663.59
3905	666+41.89	52.66' RT	880.24	336105.42	791663.64
3906	666+46.80	37.83' RT	880.47	336120.17	791668.81
3907	666+47.18	37.45' RT	880.47	336120.54	791669.19
3908	666+60.38	32.50' RT	880.47	336125.26	791682.48
3909E	666+80.17	32.50' RT	880.46	336124.91	791702.27
3910E	666+80.26	40.36' RT	880.56	336117.06	791702.22
3911E	666+80.20	49.25' RT	880.88	336108.17	791702.00
3912E	666+56.94	49.31' RT	880.57	336108.51	791678.75
3913E	666+56.83	56.43' RT	880.48	336101.40	791678.51
3914E	666+49.64	56.34' RT	880.26	336101.61	791671.32
3915	666+49.61	49.32' RT	880.41	336108.63	791671.41
3916	666+49.74	40.42' RT	880.52	336117.53	791671.70
3917	666+57.01	40.41' RT	880.48	336117.41	791678.97
3918	666+57.04	35.42' RT	880.17	336122.40	791679.09
3920	666+44.73	49.33' RT	880.08	336108.71	791666.54
3921	666+39.39	49.23' RT	880.12	336108.90	791661.20
3922	666+42.63	39.06' RT	880.25	336119.01	791664.62
3923	666+48.40	33.28' RT	880.28	336124.69	791670.49
3924	666+56.72	30.18' RT	880.23	336127.65	791678.86

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - BROAD ST - SE	SHEET 121	E

2

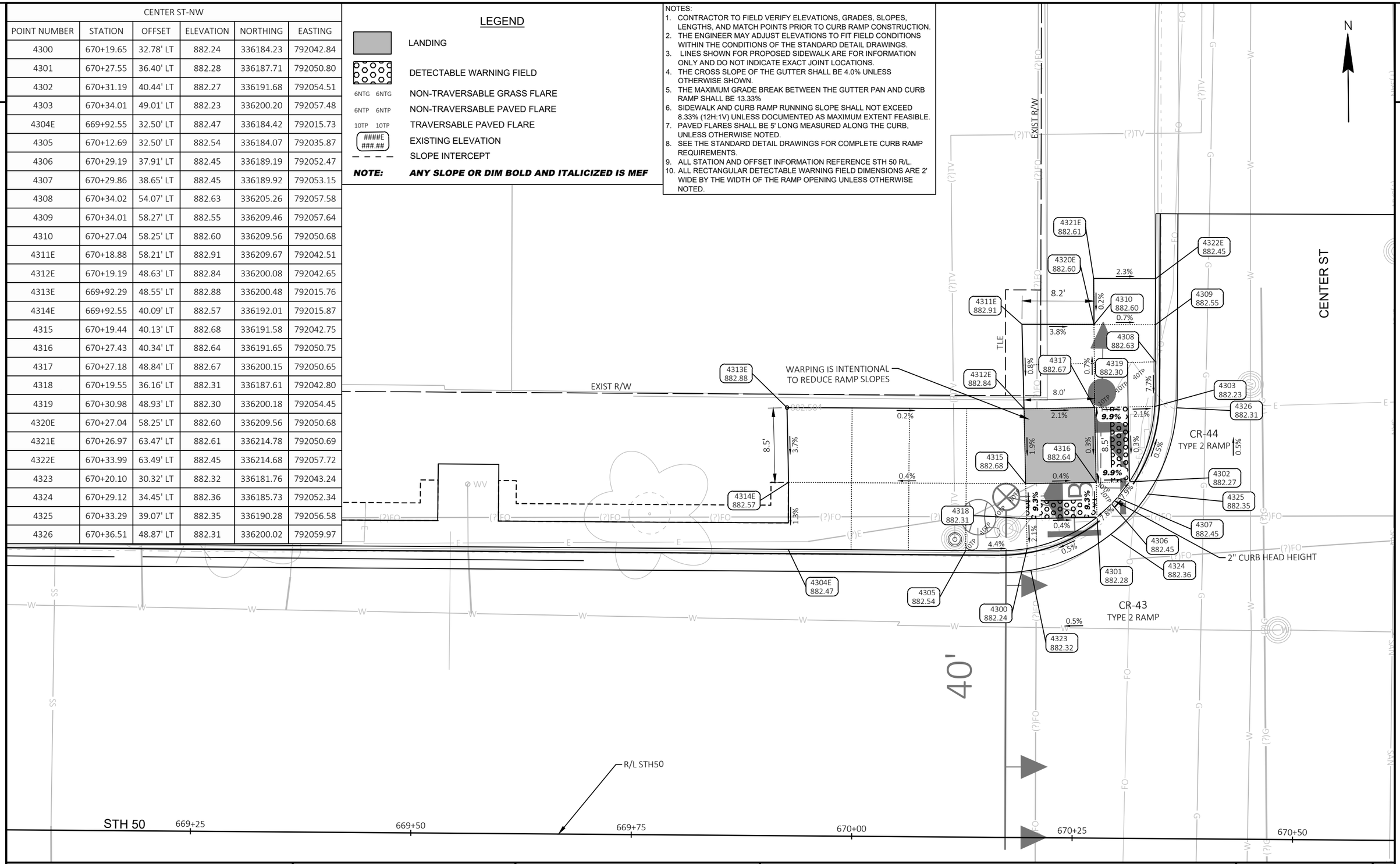
CENTER ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
4300	670+19.65	32.78' LT	882.24	336184.23	792042.84
4301	670+27.55	36.40' LT	882.28	336187.71	792050.80
4302	670+31.19	40.44' LT	882.27	336191.68	792054.51
4303	670+34.01	49.01' LT	882.23	336200.20	792057.48
4304E	669+92.55	32.50' LT	882.47	336184.42	792015.73
4305	670+12.69	32.50' LT	882.54	336184.07	792035.87
4306	670+29.19	37.91' LT	882.45	336189.19	792052.47
4307	670+29.86	38.65' LT	882.45	336189.92	792053.15
4308	670+34.02	54.07' LT	882.63	336205.26	792057.58
4309	670+34.01	58.27' LT	882.55	336209.46	792057.64
4310	670+27.04	58.25' LT	882.60	336209.56	792050.68
4311E	670+18.88	58.21' LT	882.91	336209.67	792042.51
4312E	670+19.19	48.63' LT	882.84	336200.08	792042.65
4313E	669+92.29	48.55' LT	882.88	336200.48	792015.76
4314E	669+92.55	40.09' LT	882.57	336192.01	792015.87
4315	670+19.44	40.13' LT	882.68	336191.58	792042.75
4316	670+27.43	40.34' LT	882.64	336191.65	792050.75
4317	670+27.18	48.84' LT	882.67	336200.15	792050.65
4318	670+19.55	36.16' LT	882.31	336187.61	792042.80
4319	670+30.98	48.93' LT	882.30	336200.18	792054.45
4320E	670+27.04	58.25' LT	882.60	336209.56	792050.68
4321E	670+26.97	63.47' LT	882.61	336214.78	792050.69
4322E	670+33.99	63.49' LT	882.45	336214.68	792057.72
4323	670+20.10	30.32' LT	882.32	336181.76	792043.24
4324	670+29.12	34.45' LT	882.36	336185.73	792052.34
4325	670+33.29	39.07' LT	882.35	336190.28	792056.58
4326	670+36.51	48.87' LT	882.31	336200.02	792059.97

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

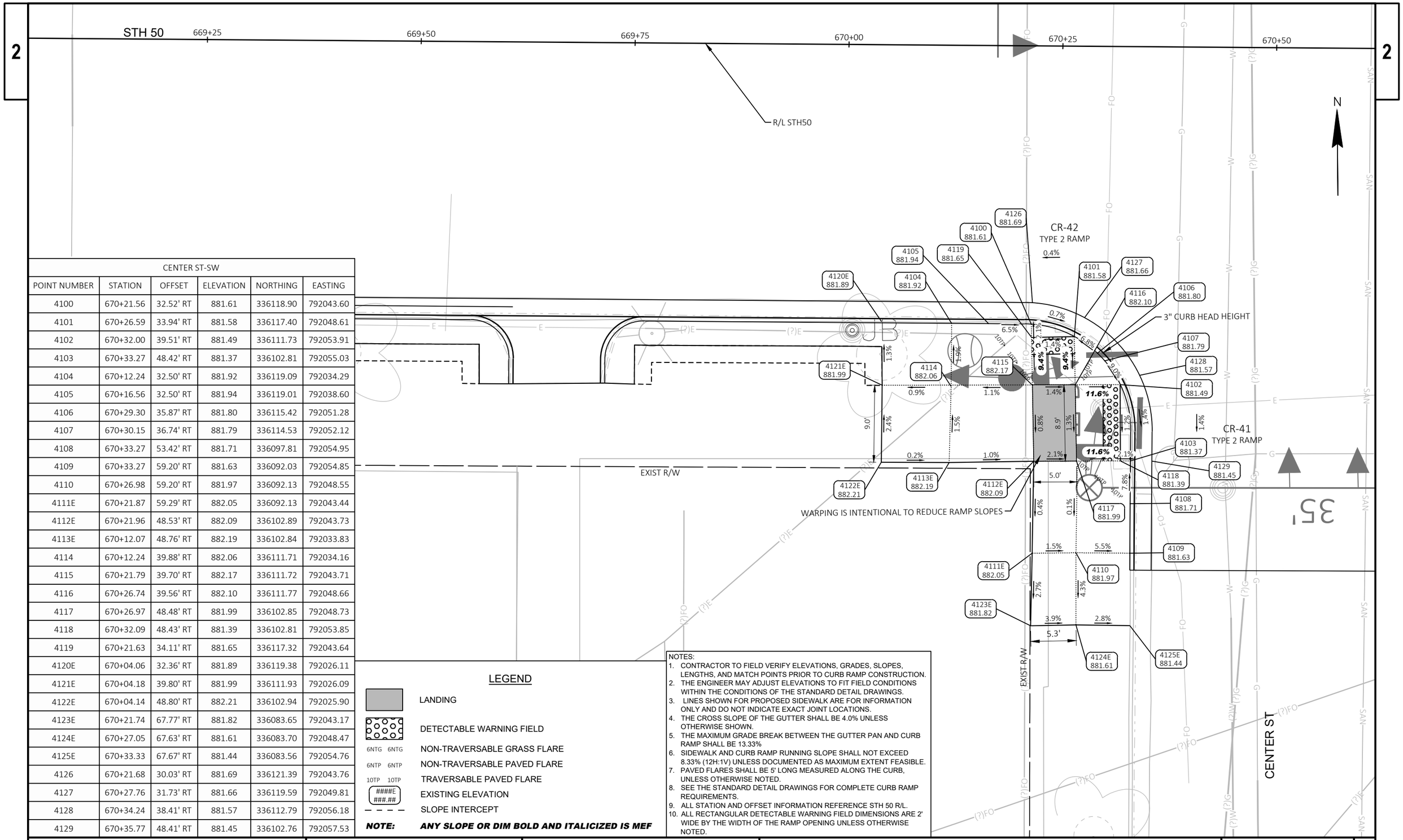
NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CENTER ST - NW	SHEET 122	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021303-CR-71_3 OF 4-MAXWELL TO 672+00.DWG
LAYOUT NAME - 03-04a-Cent
PLOT DATE : 9/29/2026 1:24 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



CENTER ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
4100	670+21.56	32.52' RT	881.61	336118.90	792043.60
4101	670+26.59	33.94' RT	881.58	336117.40	792048.61
4102	670+32.00	39.51' RT	881.49	336111.73	792053.91
4103	670+33.27	48.42' RT	881.37	336102.81	792055.03
4104	670+12.24	32.50' RT	881.92	336119.09	792034.29
4105	670+16.56	32.50' RT	881.94	336119.01	792038.60
4106	670+29.30	35.87' RT	881.80	336115.42	792051.28
4107	670+30.15	36.74' RT	881.79	336114.53	792052.12
4108	670+33.27	53.42' RT	881.71	336097.81	792054.95
4109	670+33.27	59.20' RT	881.63	336092.03	792054.85
4110	670+26.98	59.20' RT	881.97	336092.13	792048.55
4111E	670+21.87	59.29' RT	882.05	336092.13	792043.44
4112E	670+21.96	48.53' RT	882.09	336102.89	792043.73
4113E	670+12.07	48.76' RT	882.19	336102.84	792033.83
4114	670+12.24	39.88' RT	882.06	336111.71	792034.16
4115	670+21.79	39.70' RT	882.17	336111.72	792043.71
4116	670+26.74	39.56' RT	882.10	336111.77	792048.66
4117	670+26.97	48.48' RT	881.99	336102.85	792048.73
4118	670+32.09	48.43' RT	881.39	336102.81	792053.85
4119	670+21.63	34.11' RT	881.65	336117.32	792043.64
4120E	670+04.06	32.36' RT	881.89	336119.38	792026.11
4121E	670+04.18	39.80' RT	881.99	336111.93	792026.09
4122E	670+04.14	48.80' RT	882.21	336102.94	792025.90
4123E	670+21.74	67.77' RT	881.82	336083.65	792043.17
4124E	670+27.05	67.63' RT	881.61	336083.70	792048.47
4125E	670+33.33	67.67' RT	881.44	336083.56	792054.76
4126	670+21.68	30.03' RT	881.69	336121.39	792043.76
4127	670+27.76	31.73' RT	881.66	336119.59	792049.81
4128	670+34.24	38.41' RT	881.57	336112.79	792056.18
4129	670+35.77	48.41' RT	881.45	336102.76	792057.53

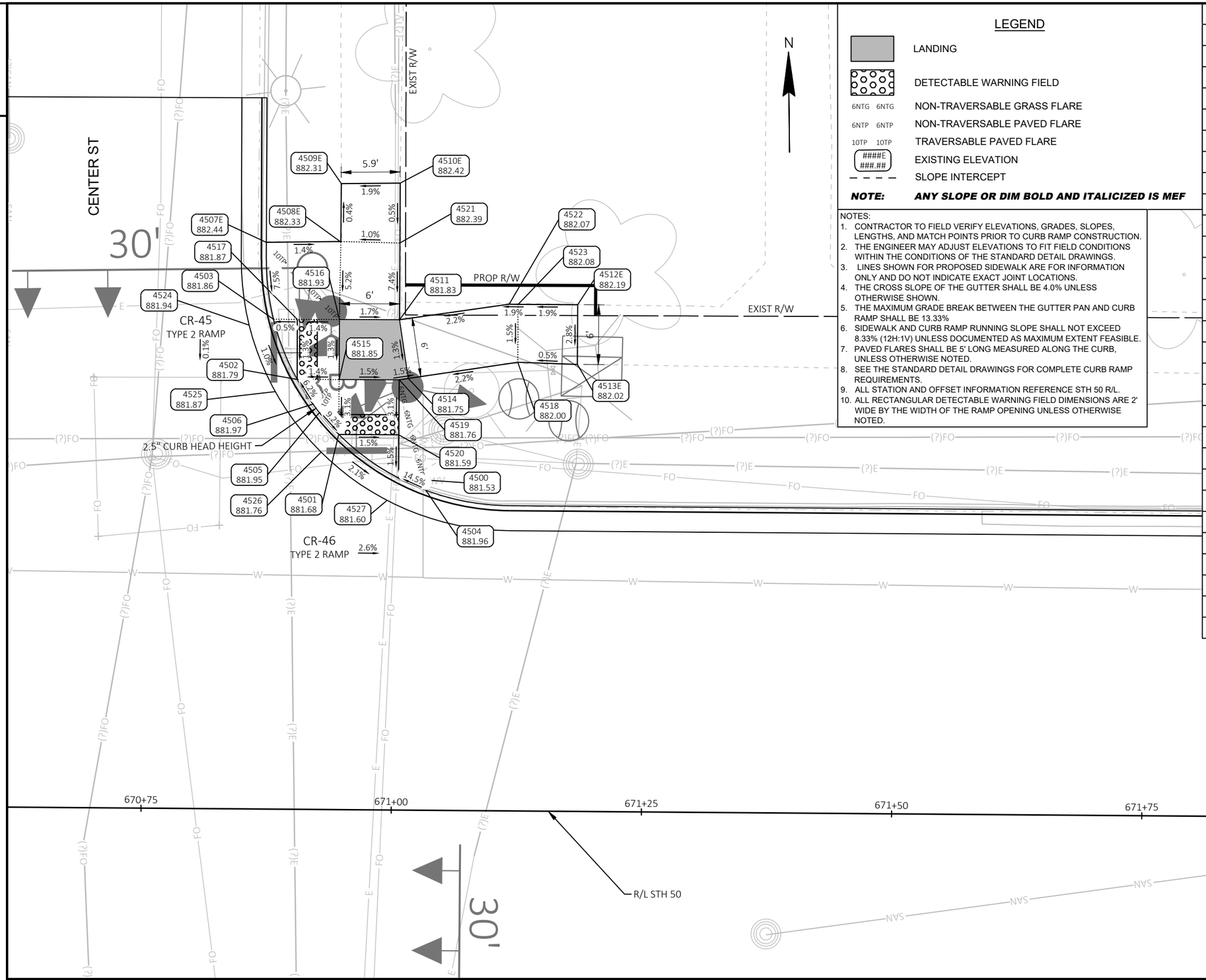
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

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7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CENTER ST - SW	SHEET 123	E



LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

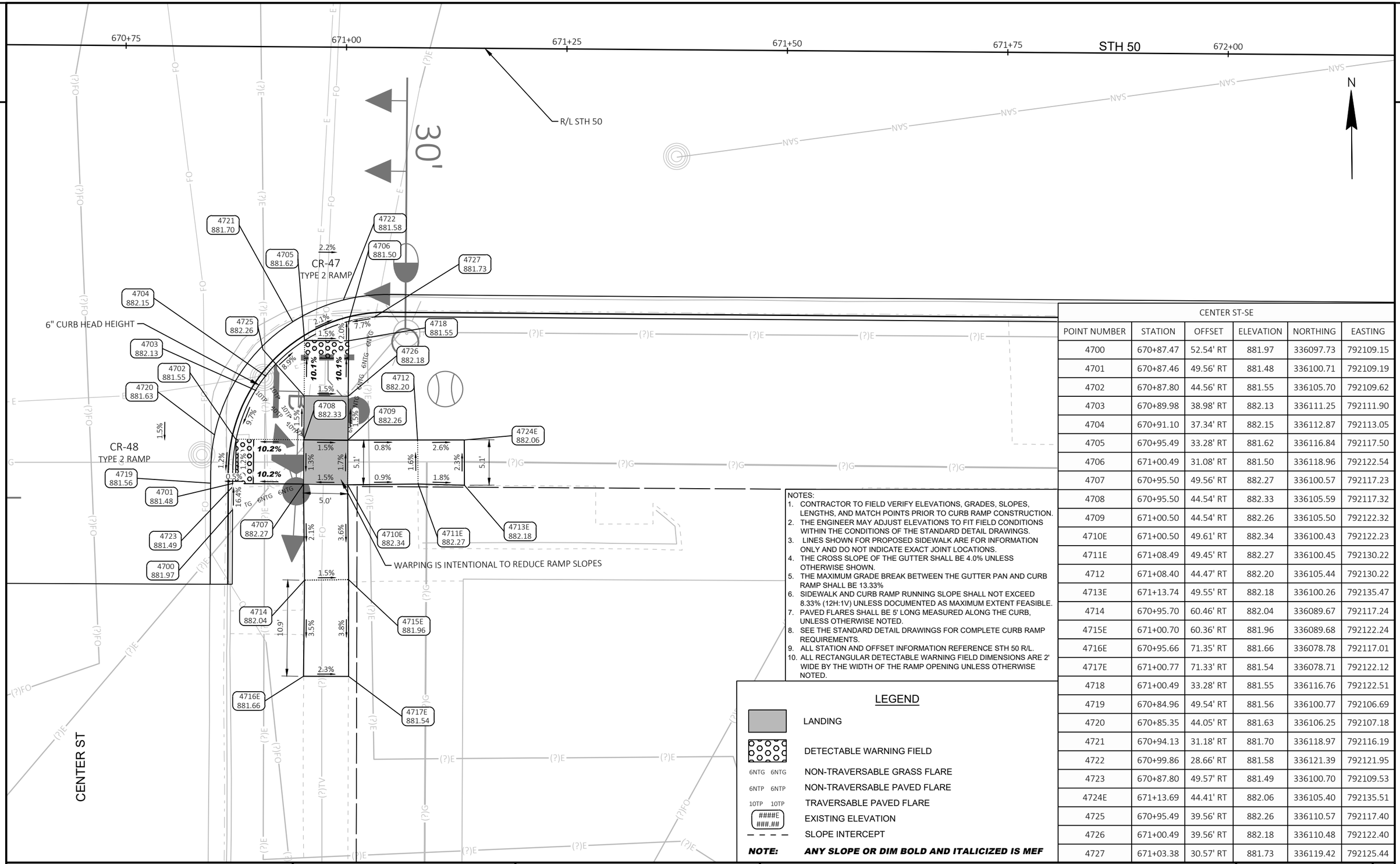
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

CENTER ST-NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
4500	671+00.48	33.17' LT	881.53	336183.20	792123.67
4501	670+94.47	37.49' LT	881.68	336187.62	792117.73
4502	670+90.28	42.95' LT	881.79	336193.16	792113.63
4503	670+87.87	48.95' LT	881.86	336199.19	792111.33
4504	671+03.23	31.98' LT	881.96	336181.96	792126.39
4505	670+92.52	39.65' LT	881.95	336189.82	792115.81
4506	670+91.86	40.51' LT	881.97	336190.69	792115.17
4507E	670+87.09	56.62' LT	882.44	336206.88	792110.68
4508E	670+94.55	56.72' LT	882.33	336206.85	792118.14
4509E	670+94.54	62.55' LT	882.31	336212.68	792118.24
4510E	671+00.42	62.65' LT	882.42	336212.67	792124.12
4511	671+00.46	49.00' LT	881.83	336199.02	792123.92
4512E	671+18.25	50.63' LT	882.19	336200.35	792141.73
4513E	671+18.26	44.67' LT	882.02	336194.38	792141.65
4514	671+01.37	43.14' LT	881.75	336193.15	792124.73
4515	670+94.47	42.97' LT	881.85	336193.11	792117.83
4516	670+94.47	48.97' LT	881.93	336199.10	792117.93
4517	670+90.25	48.95' LT	881.87	336199.16	792113.71
4518	671+12.31	44.83' LT	882.00	336194.66	792135.70
4519	671+00.47	43.00' LT	881.76	336193.02	792123.82
4520	671+00.47	37.49' LT	881.59	336187.52	792123.73
4521	671+00.44	56.66' LT	882.39	336206.69	792124.04
4522	671+11.41	50.62' LT	882.07	336200.46	792134.90
4523	671+12.30	50.63' LT	882.08	336200.45	792135.79
4524	670+85.45	48.33' LT	881.94	336198.62	792108.90
4525	670+88.10	41.73' LT	881.87	336191.97	792111.43
4526	670+92.73	35.70' LT	881.76	336185.87	792115.96
4527	670+99.35	30.95' LT	881.60	336181.00	792122.49

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CENTER ST - NE	SHEET 124	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021303-CR-71_3 OF 4-MAXWELL TO 672+00.DWG
LAYOUT NAME - 03-04c-Cent
PLOT DATE : 9/29/2026 1:24 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

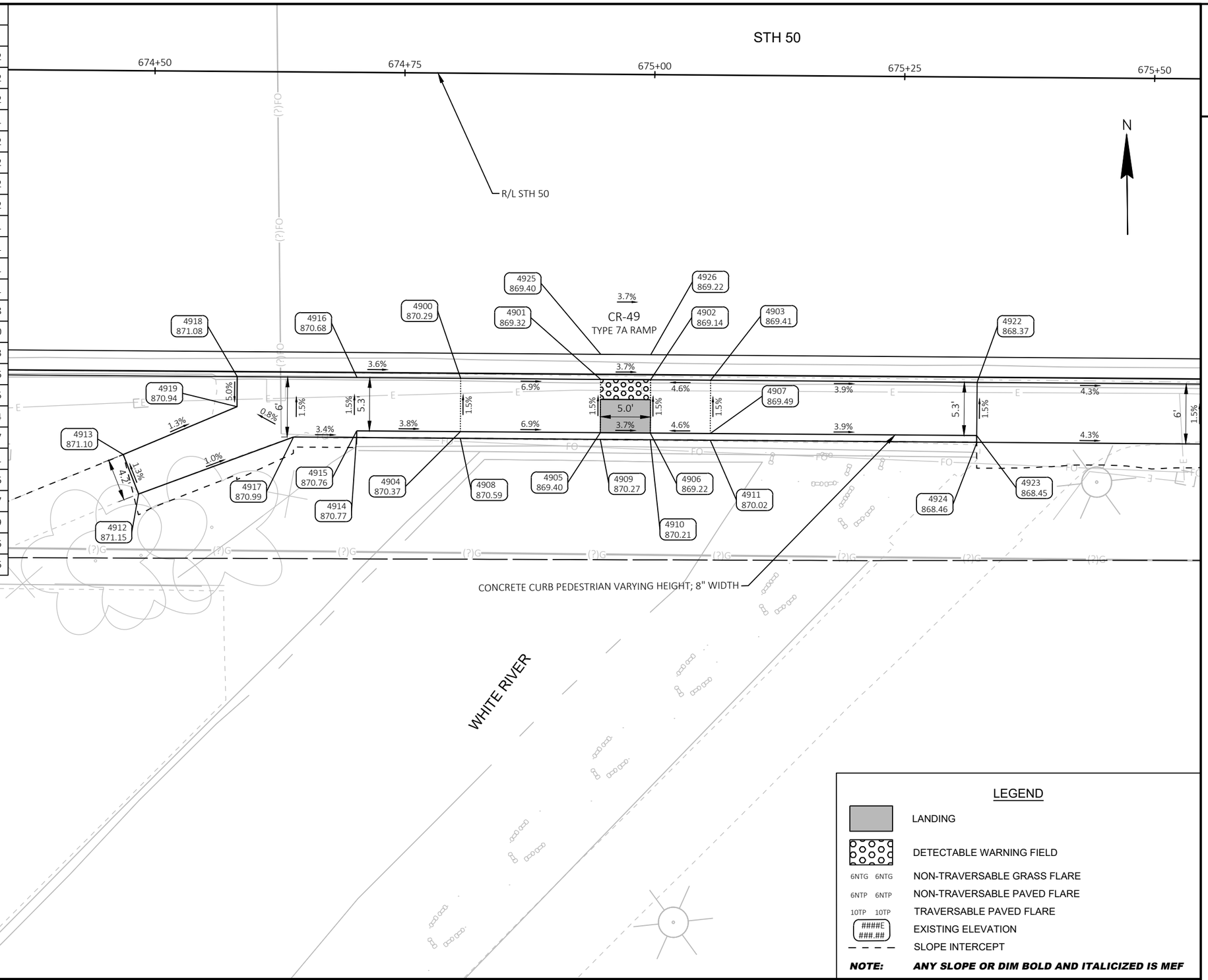
- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 1OTP 1OTP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

CENTER ST-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
4700	670+87.47	52.54' RT	881.97	336097.73	792109.15
4701	670+87.46	49.56' RT	881.48	336100.71	792109.19
4702	670+87.80	44.56' RT	881.55	336105.70	792109.62
4703	670+89.98	38.98' RT	882.13	336111.25	792111.90
4704	670+91.10	37.34' RT	882.15	336112.87	792113.05
4705	670+95.49	33.28' RT	881.62	336116.84	792117.50
4706	671+00.49	31.08' RT	881.50	336118.96	792122.54
4707	670+95.50	49.56' RT	882.27	336100.57	792117.23
4708	670+95.50	44.54' RT	882.33	336105.59	792117.32
4709	671+00.50	44.54' RT	882.26	336105.50	792122.32
4710E	671+00.50	49.61' RT	882.34	336100.43	792122.23
4711E	671+08.49	49.45' RT	882.27	336100.45	792130.22
4712	671+08.40	44.47' RT	882.20	336105.44	792130.22
4713E	671+13.74	49.55' RT	882.18	336100.26	792135.47
4714	670+95.70	60.46' RT	882.04	336089.67	792117.24
4715E	671+00.70	60.36' RT	881.96	336089.68	792122.24
4716E	670+95.66	71.35' RT	881.66	336078.78	792117.01
4717E	671+00.77	71.33' RT	881.54	336078.71	792122.12
4718	671+00.49	33.28' RT	881.55	336116.76	792122.51
4719	670+84.96	49.54' RT	881.56	336100.77	792106.69
4720	670+85.35	44.05' RT	881.63	336106.25	792107.18
4721	670+94.13	31.18' RT	881.70	336118.97	792116.19
4722	670+99.86	28.66' RT	881.58	336121.39	792121.95
4723	670+87.80	49.57' RT	881.49	336100.70	792109.53
4724E	671+13.69	44.41' RT	882.06	336105.40	792135.51
4725	670+95.49	39.56' RT	882.26	336110.57	792117.40
4726	671+00.49	39.56' RT	882.18	336110.48	792122.40
4727	671+03.38	30.57' RT	881.73	336119.42	792125.44

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CENTER ST - SE	SHEET 125	E

MILL ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
4900	674+80.81	30.50' RT	870.29	336112.87	792502.82
4901	674+94.81	30.50' RT	869.32	336112.62	792516.82
4902	674+99.81	30.50' RT	869.14	336112.53	792521.82
4903	675+05.81	30.51' RT	869.41	336112.42	792527.81
4904	674+80.81	35.83' RT	870.37	336107.53	792502.72
4905	674+94.81	35.83' RT	869.40	336107.29	792516.72
4906	674+99.81	35.83' RT	869.22	336107.20	792521.72
4907	675+05.81	35.83' RT	869.49	336107.10	792527.72
4908	674+80.81	36.50' RT	870.59	336106.87	792502.71
4909	674+94.81	36.50' RT	870.27	336106.62	792516.71
4910	674+99.81	36.50' RT	870.21	336106.53	792521.71
4911	675+05.81	36.50' RT	870.02	336106.43	792527.71
4912	674+48.68	42.32' RT	871.15	336101.61	792470.48
4913	674+47.12	38.38' RT	871.10	336105.58	792469.00
4914	674+70.43	36.50' RT	870.77	336107.05	792492.33
4915	674+70.44	35.83' RT	870.76	336107.72	792492.36
4916	674+70.44	30.50' RT	870.68	336113.05	792492.45
4917	674+64.13	36.50' RT	870.99	336107.16	792486.04
4918	674+58.46	30.50' RT	871.08	336113.26	792480.47
4919	674+58.46	33.50' RT	870.94	336110.26	792480.41
4922	675+32.47	30.50' RT	868.37	336111.96	792554.46
4923	675+32.47	35.83' RT	868.45	336106.63	792554.37
4924	675+32.50	36.50' RT	868.46	336105.96	792554.39
4925	674+94.81	28.00' RT	869.40	336115.12	792516.86
4926	674+99.81	28.00' RT	869.22	336115.03	792521.86



NOTES:
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3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
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LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - MILL ST - SW	SHEET 126	E

2

MILL ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5000	674+90.93	30.95' LT	869.88	336174.13	792514.02
5001	674+94.81	31.57' LT	869.31	336174.68	792517.91
5002	674+99.81	32.78' LT	869.22	336175.81	792522.93
5003	675+03.01	33.82' LT	869.50	336176.78	792526.15
5004	675+19.55	43.00' LT	869.18	336185.67	792542.85
5005	675+22.17	45.20' LT	868.77	336187.83	792545.50
5006	675+27.13	50.24' LT	868.65	336192.78	792550.54
5007	675+28.93	52.41' LT	868.74	336194.92	792552.38
5008	674+94.81	32.78' LT	869.32	336175.90	792517.93
5009	674+94.81	44.95' LT	869.50	336188.06	792518.14
5010	674+99.81	44.99' LT	869.40	336188.01	792523.14
5011	674+77.99	44.67' LT	869.80	336188.07	792501.31
5012	674+77.98	49.67' LT	869.87	336193.07	792501.40
5013	674+93.55	49.94' LT	869.60	336193.07	792516.96
5014	675+00.55	50.06' LT	869.46	336193.07	792523.97
5015	675+22.11	50.16' LT	868.73	336192.79	792545.52
5016	675+14.81	45.10' LT	869.14	336187.86	792538.14
5017	675+14.81	50.10' LT	869.09	336192.86	792538.23
5018	675+09.81	45.06' LT	869.21	336187.91	792533.14

MILL ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5019	675+09.81	50.12' LT	869.16	336192.97	792533.23
5020	675+09.81	54.99' LT	869.20	336197.84	792533.31
5021	675+11.03	56.40' LT	869.21	336199.23	792534.56
5022	675+14.81	53.13' LT	869.13	336195.88	792538.28
5023E	675+14.99	60.97' LT	869.46	336203.72	792538.60
5024E	675+18.33	58.06' LT	869.36	336200.75	792541.89
5025	674+67.36	49.66' LT	870.56	336193.25	792490.77
5026	674+67.44	44.66' LT	870.48	336188.25	792490.77
5027E	674+55.01	49.44' LT	871.29	336193.25	792478.42
5028E	674+55.12	44.62' LT	871.02	336188.42	792478.45
5029E	674+93.49	54.16' LT	869.65	336197.29	792516.98
5030E	675+00.48	54.28' LT	869.50	336197.29	792523.97
5031	674+95.29	29.12' LT	869.39	336172.22	792518.34
5032	675+00.51	30.38' LT	869.30	336173.40	792523.58
5033	675+23.78	43.29' LT	868.85	336185.90	792547.08
5034	675+29.01	48.60' LT	868.73	336191.11	792552.40
5035	674+93.63	44.94' LT	869.52	336188.07	792516.96
5036	675+00.58	45.06' LT	869.39	336188.07	792523.91

NOTES:
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7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

MILL ST-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5200	675+66.99	64.16' LT	867.78	336206.00	792590.65
5201	675+64.31	50.48' LT	867.01	336192.37	792587.72
5202	675+65.41	45.49' LT	866.89	336187.36	792588.73
5203	675+69.70	37.86' LT	867.21	336179.66	792592.89
5204E	675+71.76	61.59' LT	867.87	336203.34	792595.37
5205E	675+70.05	50.53' LT	867.09	336192.32	792593.46
5206E	675+71.60	45.54' LT	866.99	336187.30	792594.92
5207E	675+74.17	41.63' LT	867.29	336183.34	792597.43
5208	675+62.82	50.32' LT	867.04	336192.24	792586.23
5209	675+63.98	45.01' LT	866.93	336186.91	792587.30

2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

CR-50 TYPE 3 RAMP

CR-51 TYPE 3 RAMP

CR-52 TYPE 7A RAMP

MILL ST

EXIST R/W

WHITE RIVER

R/L STH 50

STH 50

N

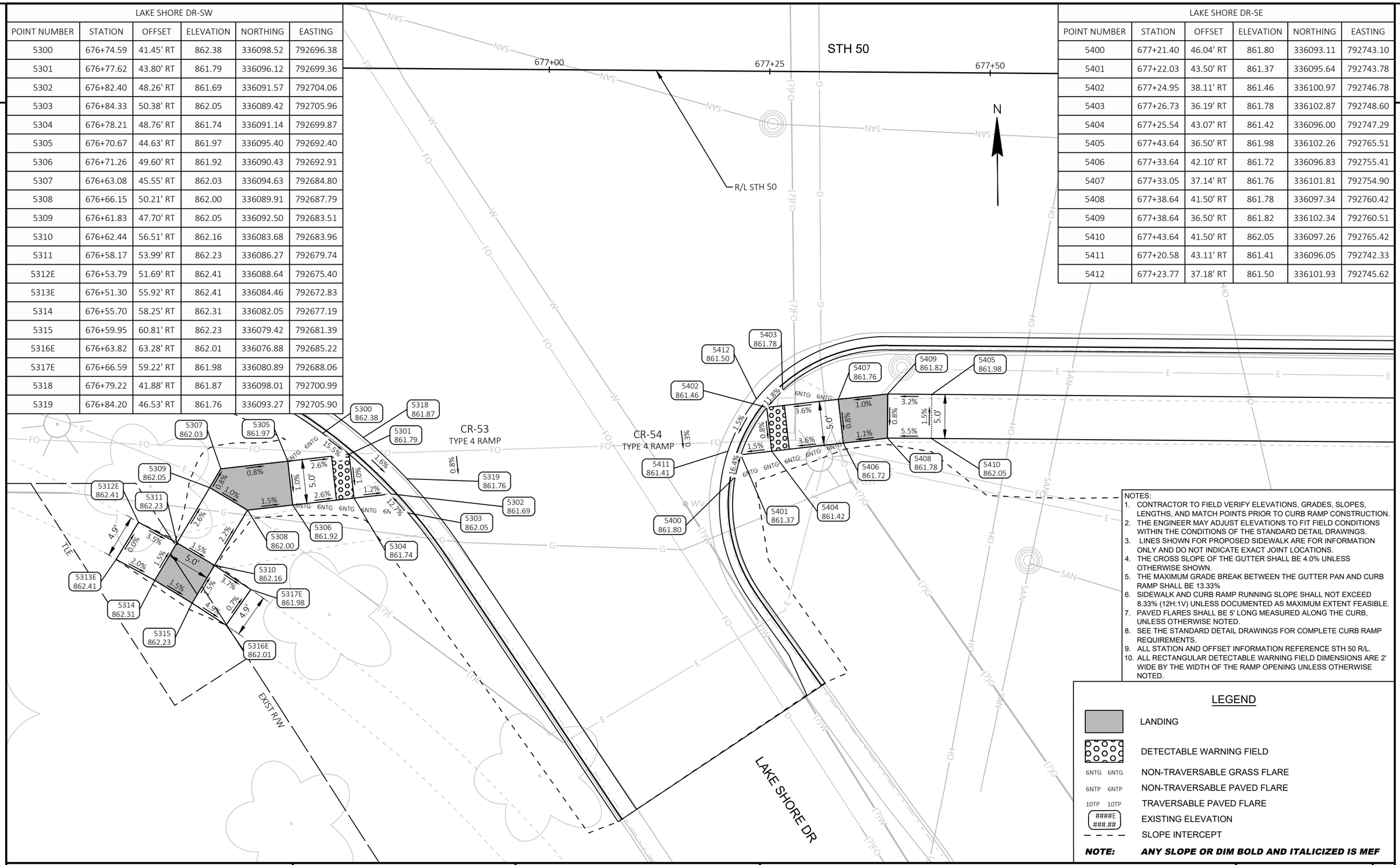
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - MILL ST - N	SHEET 127	E

2

LAKE SHORE DR-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5300	676+74.59	41.45' RT	862.38	336098.52	792696.38
5301	676+77.62	43.80' RT	861.79	336096.12	792699.36
5302	676+82.40	48.26' RT	861.69	336091.57	792704.06
5303	676+84.33	50.38' RT	862.05	336089.42	792705.96
5304	676+78.21	48.76' RT	861.74	336091.14	792699.87
5305	676+70.67	44.63' RT	861.97	336095.40	792692.40
5306	676+71.26	49.60' RT	861.92	336090.43	792692.91
5307	676+63.08	45.55' RT	862.03	336094.63	792684.80
5308	676+66.15	50.21' RT	862.00	336089.91	792687.79
5309	676+61.83	47.70' RT	862.05	336092.50	792683.51
5310	676+62.44	56.51' RT	862.16	336083.68	792683.96
5311	676+58.17	53.99' RT	862.23	336086.27	792679.74
5312E	676+53.79	51.69' RT	862.41	336088.64	792675.40
5313E	676+51.30	55.92' RT	862.41	336084.46	792672.83
5314	676+55.70	58.25' RT	862.31	336082.05	792677.19
5315	676+59.95	60.81' RT	862.23	336079.42	792681.39
5316E	676+63.82	63.28' RT	862.01	336076.88	792685.22
5317E	676+66.59	59.22' RT	861.98	336080.89	792688.06
5318	676+79.22	41.88' RT	861.87	336098.01	792700.99
5319	676+84.20	46.53' RT	861.76	336093.27	792705.90

LAKE SHORE DR-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5400	677+21.40	46.04' RT	861.80	336093.11	792743.10
5401	677+22.03	43.50' RT	861.37	336095.64	792743.78
5402	677+24.95	38.11' RT	861.46	336100.97	792746.78
5403	677+26.73	36.19' RT	861.78	336102.87	792748.60
5404	677+25.54	43.07' RT	861.42	336096.00	792747.29
5405	677+43.64	36.50' RT	861.98	336102.26	792765.51
5406	677+33.64	42.10' RT	861.72	336096.83	792755.41
5407	677+33.05	37.14' RT	861.76	336101.81	792754.90
5408	677+38.64	41.50' RT	861.78	336097.34	792760.42
5409	677+38.64	36.50' RT	861.82	336102.34	792760.51
5410	677+43.64	41.50' RT	862.05	336097.26	792765.42
5411	677+20.58	43.11' RT	861.41	336096.05	792742.33
5412	677+23.77	37.18' RT	861.50	336101.93	792745.62

2



NOTES:
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2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

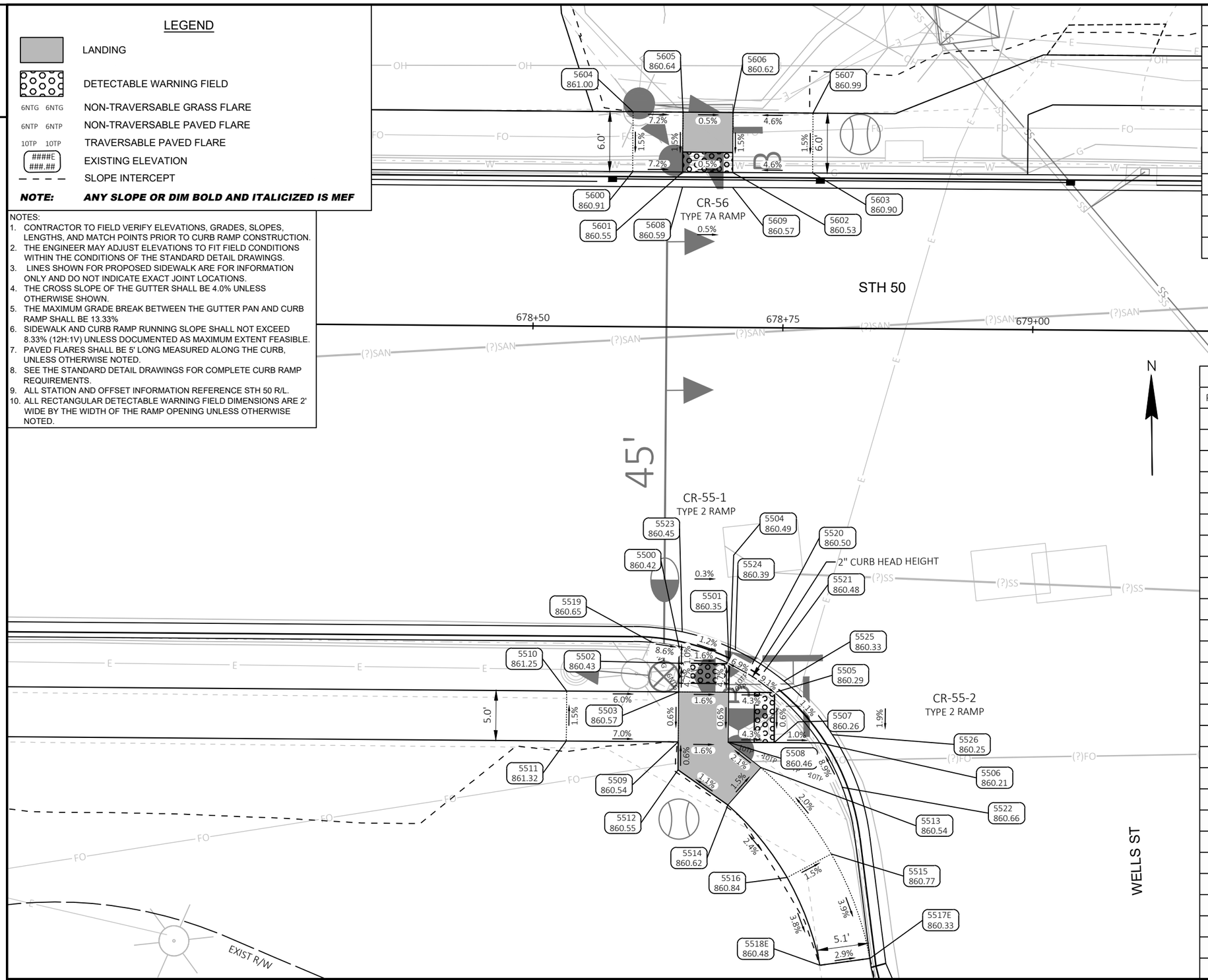
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - LAKE SHORE DR - S	SHEET 128	E

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
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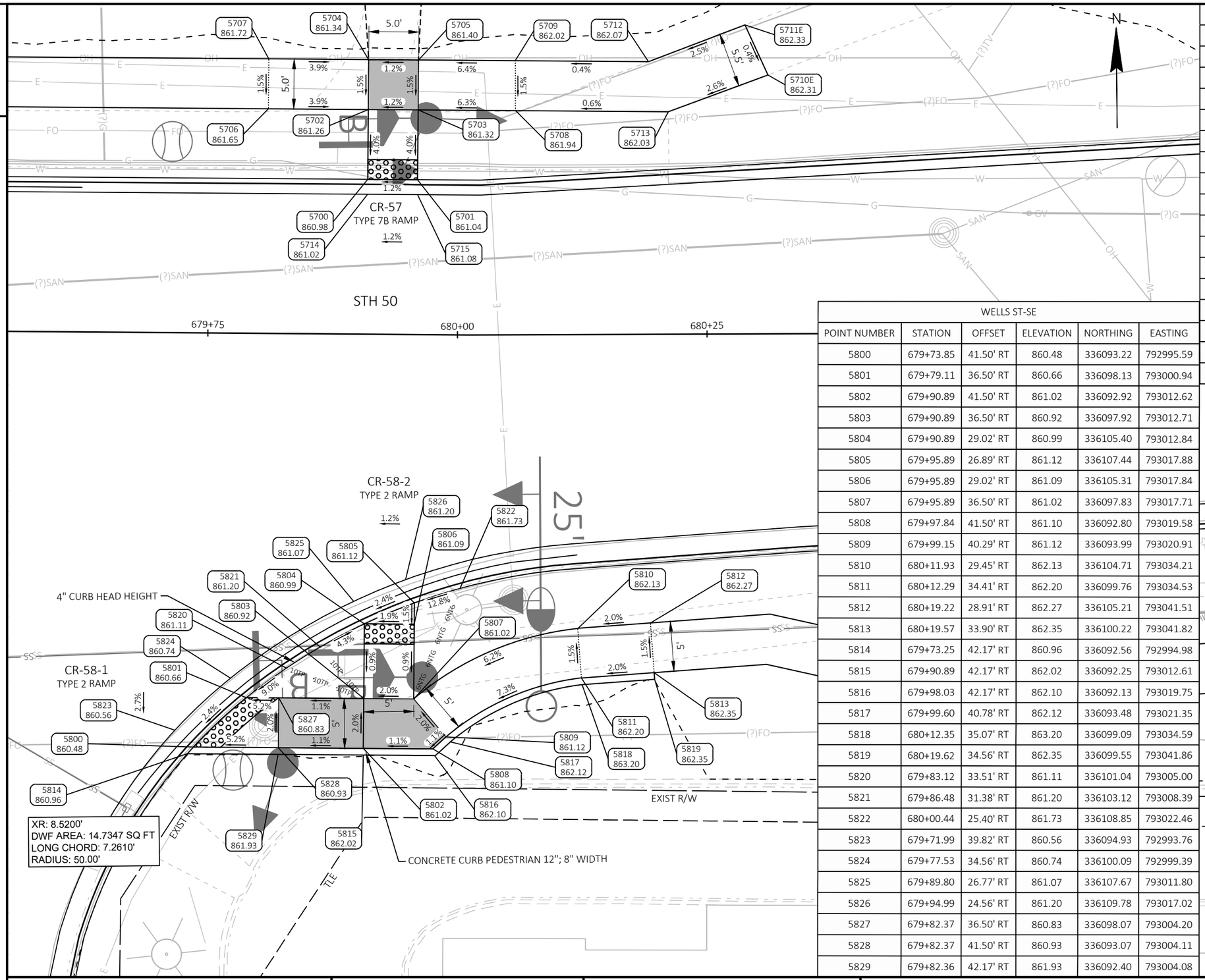


WELLS ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5600	678+59.85	15.50' LT	860.91	336152.21	792882.61
5601	678+64.85	15.50' LT	860.55	336152.12	792887.61
5602	678+69.85	15.50' LT	860.53	336152.03	792892.60
5603	678+77.85	15.50' LT	860.90	336151.89	792900.60
5604	678+59.85	21.50' LT	861.00	336158.21	792882.71
5605	678+64.85	21.50' LT	860.64	336158.12	792887.71
5606	678+69.85	21.50' LT	860.62	336158.03	792892.71
5607	678+77.85	21.50' LT	860.99	336157.89	792900.71
5608	678+64.85	14.01' LT	860.59	336150.63	792887.58
5609	678+69.85	14.01' LT	860.57	336150.54	792892.58

WELLS ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5500	678+64.85	31.97' RT	860.42	336104.66	792886.77
5501	678+69.85	33.63' RT	860.35	336102.91	792891.74
5502	678+64.85	33.63' RT	860.43	336103.00	792886.74
5503	678+64.85	36.50' RT	860.57	336100.13	792886.69
5504	678+69.85	36.50' RT	860.49	336100.04	792891.69
5505	678+74.43	36.50' RT	860.29	336099.96	792896.28
5506	678+79.00	41.50' RT	860.21	336094.88	792900.75
5507	678+74.43	41.50' RT	860.26	336094.96	792896.19
5508	678+69.85	41.50' RT	860.46	336095.04	792891.60
5509	678+64.85	41.50' RT	860.54	336095.13	792886.60
5510	678+53.64	36.50' RT	861.25	336100.33	792875.49
5511	678+53.64	41.50' RT	861.32	336095.33	792875.40
5512	678+64.85	44.30' RT	860.55	336092.33	792886.56
5513	678+73.13	44.01' RT	860.54	336092.47	792894.84
5514	678+69.85	47.79' RT	860.62	336088.76	792891.49
5515	678+80.24	52.59' RT	860.77	336083.77	792901.79
5516	678+75.84	54.99' RT	860.84	336081.45	792897.36
5517E	678+84.19	63.01' RT	860.33	336073.28	792905.57
5518E	678+79.18	63.74' RT	860.48	336072.64	792900.55
5519	678+62.18	31.58' RT	860.65	336105.10	792884.11
5520	678+71.69	34.60' RT	860.50	336101.91	792893.57
5521	678+72.76	35.27' RT	860.48	336101.22	792894.62
5522	678+81.30	45.93' RT	860.66	336090.41	792902.97
5523	678+65.15	30.50' RT	860.45	336106.13	792887.10
5524	678+70.49	32.27' RT	860.39	336104.26	792892.40
5525	678+75.38	35.33' RT	860.33	336101.11	792897.24
5526	678+80.25	40.67' RT	860.25	336095.69	792902.02

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WELLS ST - W	SHEET 129	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021304-CR-71_4 OF 4-672+00 TO END.DWG
LAYOUT NAME - 04-03a-Wells
PLOT DATE : 9/29/2026 1:27 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



WELLS ST-NE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5700	679+90.89	15.51' LT	860.98	336149.92	793013.62
5701	679+95.89	15.50' LT	861.04	336149.82	793018.62
5702	679+90.89	22.50' LT	861.26	336156.91	793013.75
5703	679+95.89	22.50' LT	861.32	336156.82	793018.75
5704	679+90.89	27.50' LT	861.34	336161.91	793013.83
5705	679+95.89	27.50' LT	861.40	336161.82	793018.83
5706	679+80.89	22.50' LT	861.65	336157.08	793003.75
5707	679+80.89	27.50' LT	861.72	336162.08	793003.84
5708	680+05.89	22.45' LT	861.94	336156.65	793028.49
5709	680+05.89	27.45' LT	862.02	336161.65	793028.52
5710E	680+31.20	25.92' LT	862.31	336159.97	793053.82
5711E	680+28.91	30.95' LT	862.33	336165.01	793051.57
5712	680+19.22	27.30' LT	862.07	336161.42	793041.86
5713	680+21.20	22.27' LT	862.03	336156.38	793043.80
5714	679+90.89	14.01' LT	861.02	336148.42	793013.60
5715	679+95.89	14.01' LT	861.08	336148.34	793018.60

WELLS ST-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5800	679+73.85	41.50' RT	860.48	336093.22	792995.59
5801	679+79.11	36.50' RT	860.66	336098.13	793000.94
5802	679+90.89	41.50' RT	861.02	336092.92	793012.62
5803	679+90.89	36.50' RT	860.92	336097.92	793012.71
5804	679+90.89	29.02' RT	860.99	336105.40	793012.84
5805	679+95.89	26.89' RT	861.12	336107.44	793017.88
5806	679+95.89	29.02' RT	861.09	336105.31	793017.84
5807	679+95.89	36.50' RT	861.02	336097.83	793017.71
5808	679+97.84	41.50' RT	861.10	336092.80	793019.58
5809	679+99.15	40.29' RT	861.12	336093.99	793020.91
5810	680+11.93	29.45' RT	862.13	336104.71	793034.21
5811	680+12.29	34.41' RT	862.20	336099.76	793034.53
5812	680+19.22	28.91' RT	862.27	336105.21	793041.51
5813	680+19.57	33.90' RT	862.35	336100.22	793041.82
5814	679+73.25	42.17' RT	860.96	336092.56	792994.98
5815	679+90.89	42.17' RT	862.02	336092.25	793012.61
5816	679+98.03	42.17' RT	862.10	336092.13	793019.75
5817	679+99.60	40.78' RT	862.12	336093.48	793021.35
5818	680+12.35	35.07' RT	863.20	336099.09	793034.59
5819	680+19.62	34.56' RT	862.35	336099.55	793041.86
5820	679+83.12	33.51' RT	861.11	336101.04	793005.00
5821	679+86.48	31.38' RT	861.20	336103.12	793008.39
5822	680+00.44	25.40' RT	861.73	336108.85	793022.46
5823	679+71.99	39.82' RT	860.56	336094.93	792993.76
5824	679+77.53	34.56' RT	860.74	336100.09	792999.39
5825	679+89.80	26.77' RT	861.07	336107.67	793011.80
5826	679+94.99	24.56' RT	861.20	336109.78	793017.02
5827	679+82.37	36.50' RT	860.83	336098.07	793004.20
5828	679+82.37	41.50' RT	860.93	336093.07	793004.11
5829	679+82.36	42.17' RT	861.93	336092.40	793004.08

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LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
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- 10TP 10TP — TRAVERSABLE PAVED FLARE
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- SLOPE INTERCEPT

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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WELLS ST - E	SHEET 130	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021304-CR-71_4 OF 4-672+00 TO END.DWG
LAYOUT NAME - 04-03b-Wells
PLOT DATE : 9/29/2026 1:27 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT

KFC DRIVEWAY-W						KFC DRIVEWAY-E					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
5900	681+26.08	23.07' RT	864.07	336110.38	793148.40	6000	681+52.61	21.55' RT	864.82	336111.74	793174.93
5901	681+26.91	27.92' RT	864.15	336105.53	793149.20	6001	681+53.00	26.53' RT	864.92	336106.76	793175.30
5902	681+21.65	23.20' RT	864.14	336110.28	793143.97	6002	681+57.73	21.27' RT	865.18	336111.98	793180.06
5903	681+21.92	28.19' RT	864.22	336105.29	793144.20	6003	681+58.00	26.27' RT	865.27	336106.99	793180.29
5904	681+16.66	23.46' RT	863.95	336110.05	793138.97	6004	681+72.23	20.50' RT	866.20	336112.67	793194.56
5905	681+16.93	28.46' RT	864.03	336105.05	793139.21	6005	681+72.36	25.50' RT	866.29	336107.67	793194.66

2

2

N

681+25 681+50 681+75 682+00 682+25 682+50

STH 50

CR-59
DRIVEWAY CURB
RAMP

CR-60
DRIVEWAY CURB
RAMP

5904 863.95
5902 864.14
5900 864.07
5905 864.03
5903 864.22
5901 864.15
6000 864.82
6002 865.18
6004 866.20
6001 864.92
6003 865.27
6005 866.29

3.8% 1.5% 1.6% 1.7% 5' 1.7% 1.7% 1.7% 1.7% 1.8% 7.0% 7.0% 7.0% 7.1% 5' 1.7%

EXIST R/W

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LEGEND

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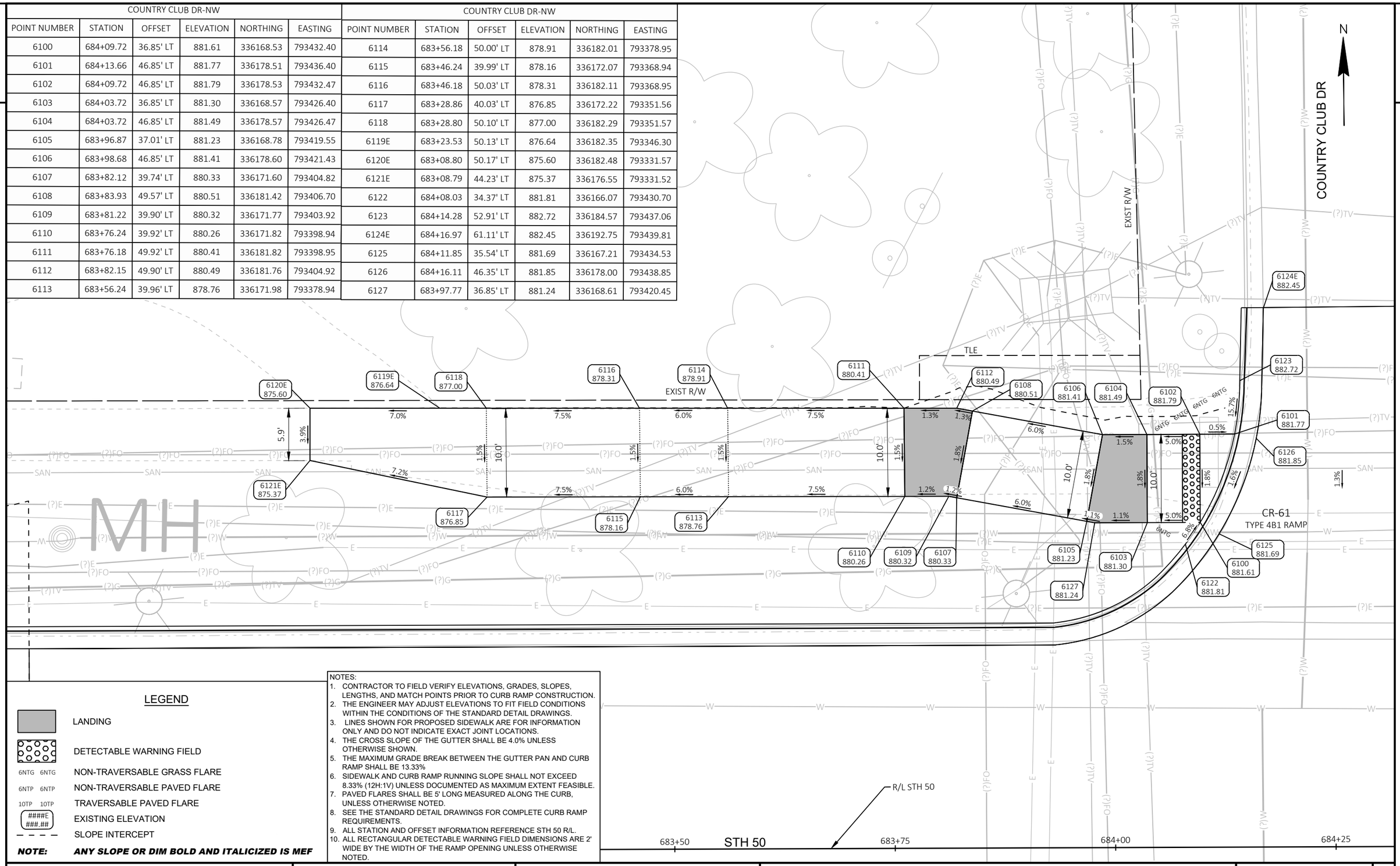
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - KFC DRIVEWAY	SHEET 131	E

2

COUNTRY CLUB DR-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6100	684+09.72	36.85' LT	881.61	336168.53	793432.40
6101	684+13.66	46.85' LT	881.77	336178.51	793436.40
6102	684+09.72	46.85' LT	881.79	336178.53	793432.47
6103	684+03.72	36.85' LT	881.30	336168.57	793426.40
6104	684+03.72	46.85' LT	881.49	336178.57	793426.47
6105	683+96.87	37.01' LT	881.23	336168.78	793419.55
6106	683+98.68	46.85' LT	881.41	336178.60	793421.43
6107	683+82.12	39.74' LT	880.33	336171.60	793404.82
6108	683+83.93	49.57' LT	880.51	336181.42	793406.70
6109	683+81.22	39.90' LT	880.32	336171.77	793403.92
6110	683+76.24	39.92' LT	880.26	336171.82	793398.94
6111	683+76.18	49.92' LT	880.41	336181.82	793398.95
6112	683+82.15	49.90' LT	880.49	336181.76	793404.92
6113	683+56.24	39.96' LT	878.76	336171.98	793378.94

COUNTRY CLUB DR-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6114	683+56.18	50.00' LT	878.91	336182.01	793378.95
6115	683+46.24	39.99' LT	878.16	336172.07	793368.94
6116	683+46.18	50.03' LT	878.31	336182.11	793368.95
6117	683+28.86	40.03' LT	876.85	336172.22	793351.56
6118	683+28.80	50.10' LT	877.00	336182.29	793351.57
6119E	683+23.53	50.13' LT	876.64	336182.35	793346.30
6120E	683+08.80	50.17' LT	875.60	336182.48	793331.57
6121E	683+08.79	44.23' LT	875.37	336176.55	793331.52
6122	684+08.03	34.37' LT	881.81	336166.07	793430.70
6123	684+14.28	52.91' LT	882.72	336184.57	793437.06
6124E	684+16.97	61.11' LT	882.45	336192.75	793439.81
6125	684+11.85	35.54' LT	881.69	336167.21	793434.53
6126	684+16.11	46.35' LT	881.85	336178.00	793438.85
6127	683+97.77	36.85' LT	881.24	336168.61	793420.45



LEGEND

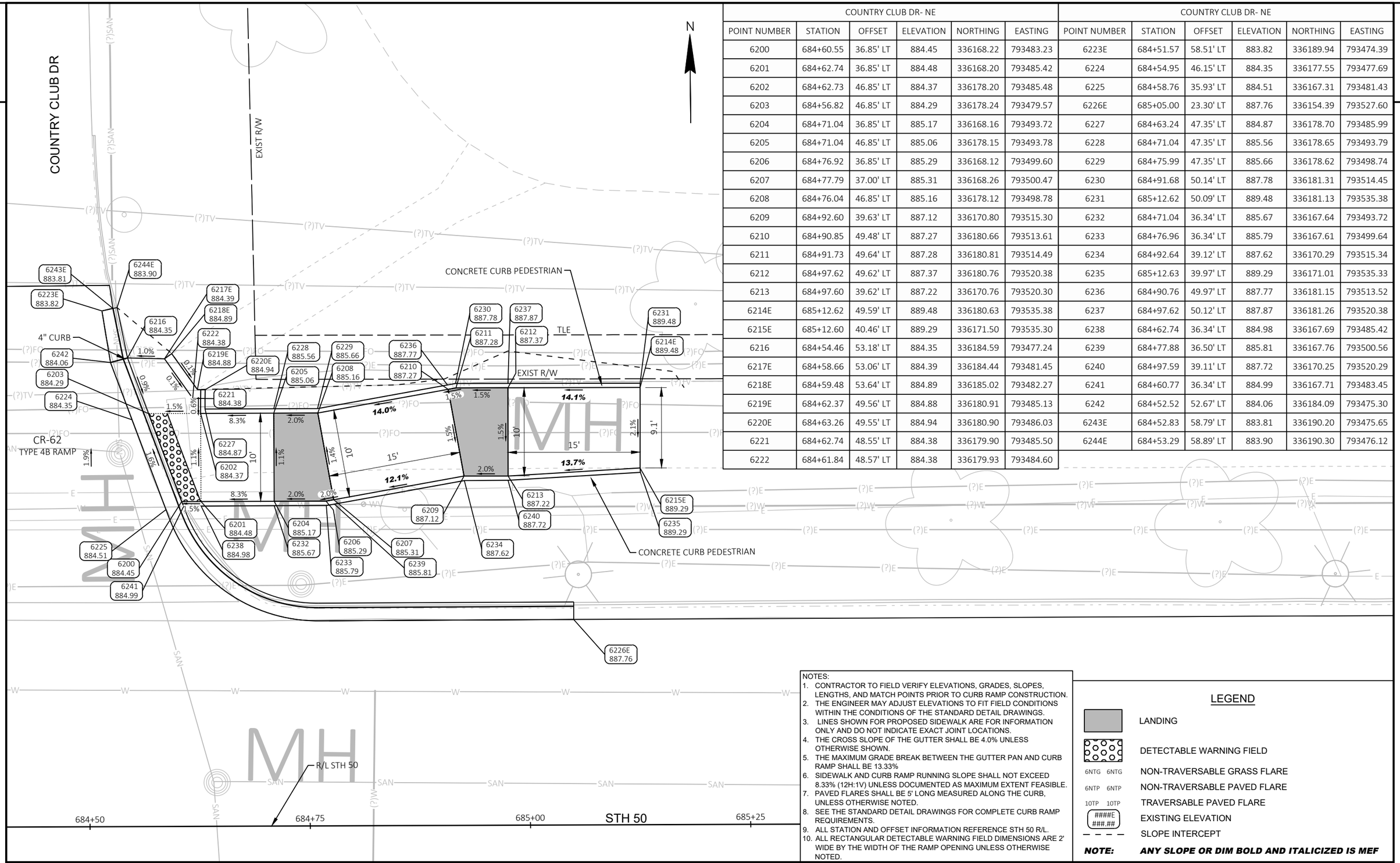
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - COUNTRY CLUB DR - NW	SHEET 132	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-01a-CCD
PLOT DATE : 9/29/2026 1:28 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



COUNTRY CLUB DR- NE						COUNTRY CLUB DR- NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6200	684+60.55	36.85' LT	884.45	336168.22	793483.23	6223E	684+51.57	58.51' LT	883.82	336189.94	793474.39
6201	684+62.74	36.85' LT	884.48	336168.20	793485.42	6224	684+54.95	46.15' LT	884.35	336177.55	793477.69
6202	684+62.73	46.85' LT	884.37	336178.20	793485.48	6225	684+58.76	35.93' LT	884.51	336167.31	793481.43
6203	684+56.82	46.85' LT	884.29	336178.24	793479.57	6226E	685+05.00	23.30' LT	887.76	336154.39	793527.60
6204	684+71.04	36.85' LT	885.17	336168.16	793493.72	6227	684+63.24	47.35' LT	884.87	336178.70	793485.99
6205	684+71.04	46.85' LT	885.06	336178.15	793493.78	6228	684+71.04	47.35' LT	885.56	336178.65	793493.79
6206	684+76.92	36.85' LT	885.29	336168.12	793499.60	6229	684+75.99	47.35' LT	885.66	336178.62	793498.74
6207	684+77.79	37.00' LT	885.31	336168.26	793500.47	6230	684+91.68	50.14' LT	887.78	336181.31	793514.45
6208	684+76.04	46.85' LT	885.16	336178.12	793498.78	6231	685+12.62	50.09' LT	889.48	336181.13	793535.38
6209	684+92.60	39.63' LT	887.12	336170.80	793515.30	6232	684+71.04	36.34' LT	885.67	336167.64	793493.72
6210	684+90.85	49.48' LT	887.27	336180.66	793513.61	6233	684+76.96	36.34' LT	885.79	336167.61	793499.64
6211	684+91.73	49.64' LT	887.28	336180.81	793514.49	6234	684+92.64	39.12' LT	887.62	336170.29	793515.34
6212	684+97.62	49.62' LT	887.37	336180.76	793520.38	6235	685+12.63	39.97' LT	889.29	336171.01	793535.33
6213	684+97.60	39.62' LT	887.22	336170.76	793520.30	6236	684+90.76	49.97' LT	887.77	336181.15	793513.52
6214E	685+12.62	49.59' LT	889.48	336180.63	793535.38	6237	684+97.62	50.12' LT	887.87	336181.26	793520.38
6215E	685+12.60	40.46' LT	889.29	336171.50	793535.30	6238	684+62.74	36.34' LT	884.98	336167.69	793485.42
6216	684+54.46	53.18' LT	884.35	336184.59	793477.24	6239	684+77.88	36.50' LT	885.81	336167.76	793500.56
6217E	684+58.66	53.06' LT	884.39	336184.44	793481.45	6240	684+97.59	39.11' LT	887.72	336170.25	793520.29
6218E	684+59.48	53.64' LT	884.89	336185.02	793482.27	6241	684+60.77	36.34' LT	884.99	336167.71	793483.45
6219E	684+62.37	49.56' LT	884.88	336180.91	793485.13	6242	684+52.52	52.67' LT	884.06	336184.09	793475.30
6220E	684+63.26	49.55' LT	884.94	336180.90	793486.03	6243E	684+52.83	58.79' LT	883.81	336190.20	793475.65
6221	684+62.74	48.55' LT	884.38	336179.90	793485.50	6244E	684+53.29	58.89' LT	883.90	336190.30	793476.12
6222	684+61.84	48.57' LT	884.38	336179.93	793484.60						

NOTES:
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2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - COUNTRY CLUB DR - NE	SHEET 133	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-01b-CCD
PLOT DATE : 9/29/2026 1:28 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT

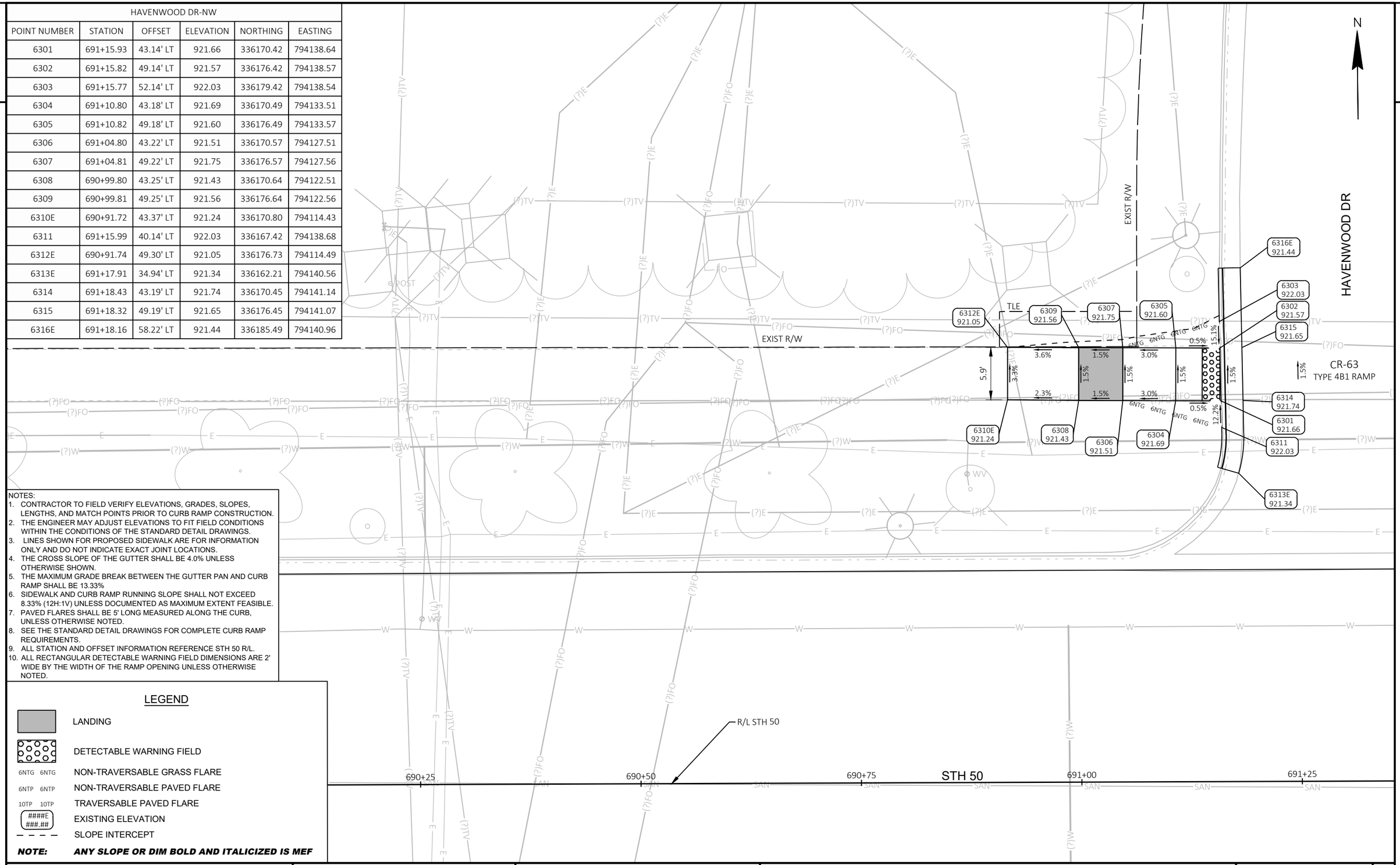
HAVENWOOD DR-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6301	691+15.93	43.14' LT	921.66	336170.42	794138.64
6302	691+15.82	49.14' LT	921.57	336176.42	794138.57
6303	691+15.77	52.14' LT	922.03	336179.42	794138.54
6304	691+10.80	43.18' LT	921.69	336170.49	794133.51
6305	691+10.82	49.18' LT	921.60	336176.49	794133.57
6306	691+04.80	43.22' LT	921.51	336170.57	794127.51
6307	691+04.81	49.22' LT	921.75	336176.57	794127.56
6308	690+99.80	43.25' LT	921.43	336170.64	794122.51
6309	690+99.81	49.25' LT	921.56	336176.64	794122.56
6310E	690+91.72	43.37' LT	921.24	336170.80	794114.43
6311	691+15.99	40.14' LT	922.03	336167.42	794138.68
6312E	690+91.74	49.30' LT	921.05	336176.73	794114.49
6313E	691+17.91	34.94' LT	921.34	336162.21	794140.56
6314	691+18.43	43.19' LT	921.74	336170.45	794141.14
6315	691+18.32	49.19' LT	921.65	336176.45	794141.07
6316E	691+18.16	58.22' LT	921.44	336185.49	794140.96

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
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3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
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5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - HAVENWOOD DR - NW	SHEET 134	E

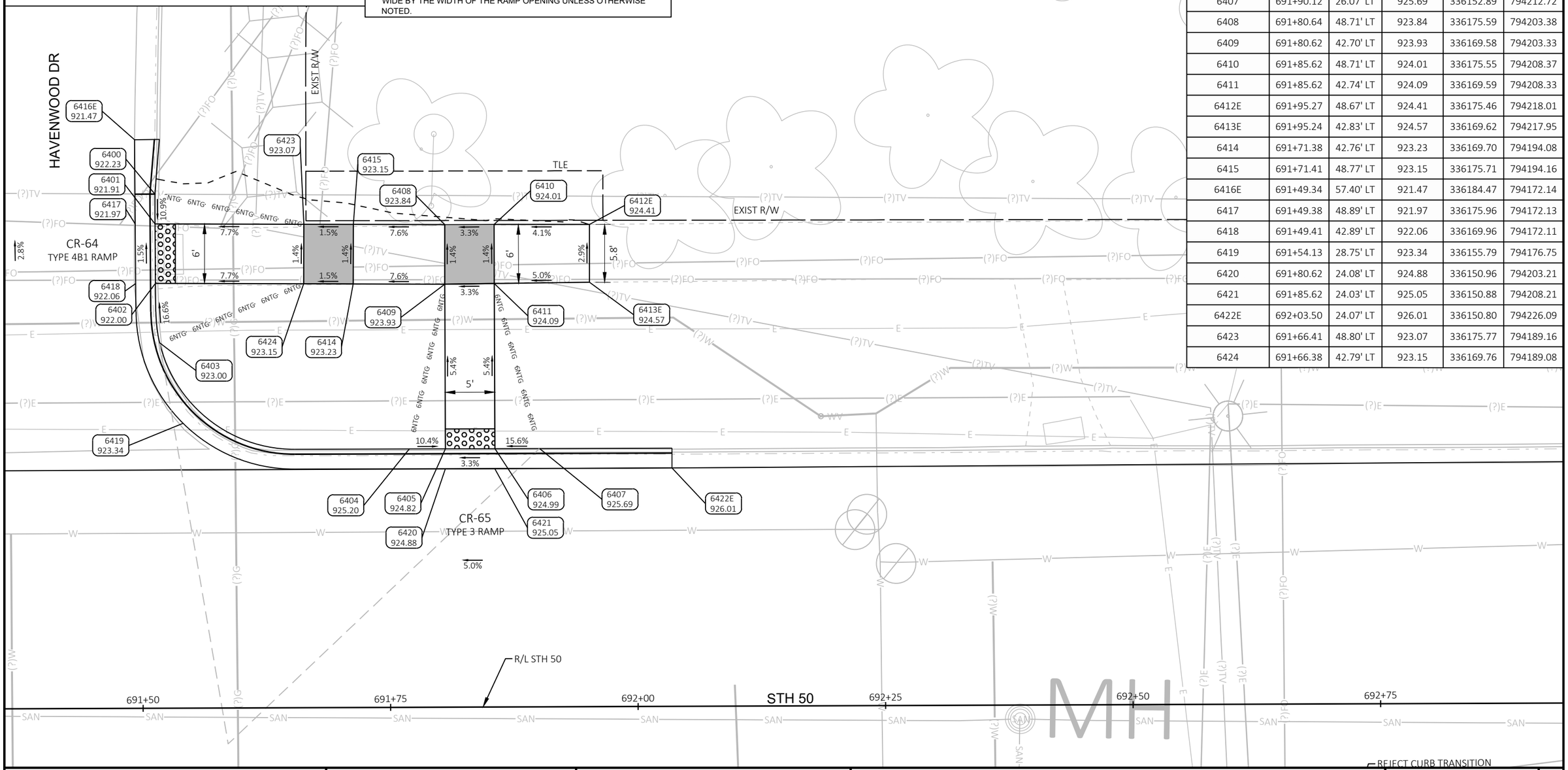
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-02a-Hav
PLOT DATE : 9/29/2026 1:29 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

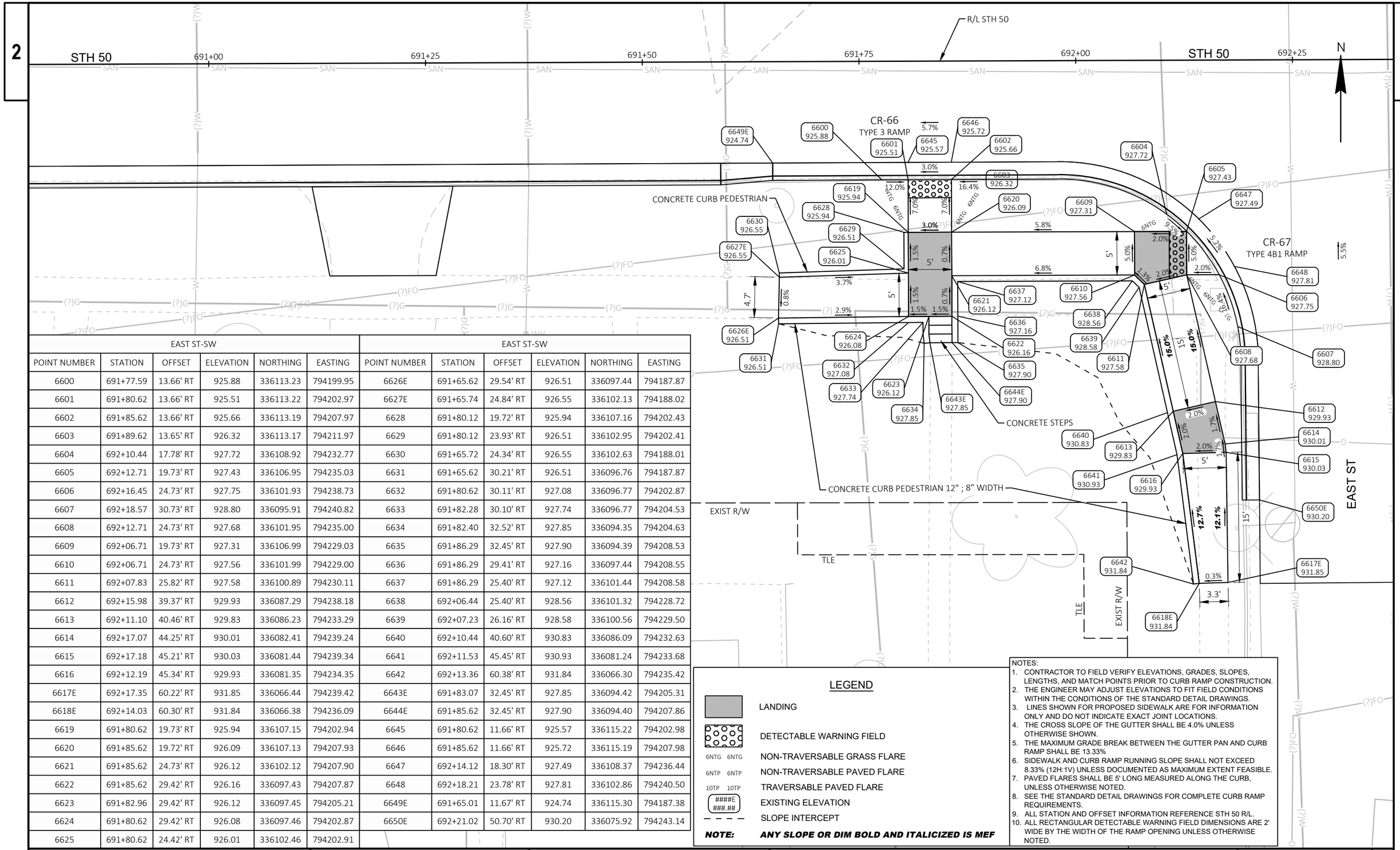
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



HAVENWOOD DR-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6400	691+51.37	51.89' LT	922.23	336178.96	794174.13
6401	691+51.38	48.89' LT	921.91	336175.96	794174.13
6402	691+51.38	42.86' LT	922.00	336169.92	794174.08
6403	691+51.80	36.88' LT	923.00	336163.94	794174.47
6404	691+76.97	26.08' LT	925.20	336152.98	794199.58
6405	691+80.62	26.08' LT	924.82	336152.96	794203.22
6406	691+85.62	26.07' LT	924.99	336152.92	794208.22
6407	691+90.12	26.07' LT	925.69	336152.89	794212.72
6408	691+80.64	48.71' LT	923.84	336175.59	794203.38
6409	691+80.62	42.70' LT	923.93	336169.58	794203.33
6410	691+85.62	48.71' LT	924.01	336175.55	794208.37
6411	691+85.62	42.74' LT	924.09	336169.59	794208.33
6412E	691+95.27	48.67' LT	924.41	336175.46	794218.01
6413E	691+95.24	42.83' LT	924.57	336169.62	794217.95
6414	691+71.38	42.76' LT	923.23	336169.70	794194.08
6415	691+71.41	48.77' LT	923.15	336175.71	794194.16
6416E	691+49.34	57.40' LT	921.47	336184.47	794172.14
6417	691+49.38	48.89' LT	921.97	336175.96	794172.13
6418	691+49.41	42.89' LT	922.06	336169.96	794172.11
6419	691+54.13	28.75' LT	923.34	336155.79	794176.75
6420	691+80.62	24.08' LT	924.88	336150.96	794203.21
6421	691+85.62	24.03' LT	925.05	336150.88	794208.21
6422E	692+03.50	24.07' LT	926.01	336150.80	794226.09
6423	691+66.41	48.80' LT	923.07	336175.77	794189.16
6424	691+66.38	42.79' LT	923.15	336169.76	794189.08

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - HAVENWOOD DR - NE	SHEET 135	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-02b-Hav
PLOT DATE : 9/29/2026 1:29 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



EAST ST-SW						EAST ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6600	691+77.59	13.66' RT	925.88	336113.23	794199.95	6626E	691+65.62	29.54' RT	926.51	336097.44	794187.87
6601	691+80.62	13.66' RT	925.51	336113.22	794202.97	6627E	691+65.74	24.84' RT	926.55	336102.13	794188.02
6602	691+85.62	13.66' RT	925.66	336113.19	794207.97	6628	691+80.12	19.72' RT	925.94	336107.16	794202.43
6603	691+89.62	13.65' RT	926.32	336113.17	794211.97	6629	691+80.12	23.93' RT	926.51	336102.95	794202.41
6604	692+10.44	17.78' RT	927.72	336108.92	794232.77	6630	691+65.72	24.34' RT	926.55	336102.63	794188.01
6605	692+12.71	19.73' RT	927.43	336106.95	794235.03	6631	691+65.62	30.21' RT	926.51	336096.76	794187.87
6606	692+16.45	24.73' RT	927.75	336101.93	794238.73	6632	691+80.62	30.11' RT	927.08	336096.77	794202.87
6607	692+18.57	30.73' RT	928.80	336095.91	794240.82	6633	691+82.28	30.10' RT	927.74	336096.77	794204.53
6608	692+12.71	24.73' RT	927.68	336101.95	794235.00	6634	691+82.40	32.52' RT	927.85	336094.35	794204.63
6609	692+06.71	19.73' RT	927.31	336106.99	794229.03	6635	691+86.29	32.45' RT	927.90	336094.39	794208.53
6610	692+06.71	24.73' RT	927.56	336101.99	794229.00	6636	691+86.29	29.41' RT	927.16	336097.44	794208.55
6611	692+07.83	25.82' RT	927.58	336100.89	794230.11	6637	691+86.29	25.40' RT	927.12	336101.44	794208.58
6612	692+15.98	39.37' RT	929.93	336087.29	794238.18	6638	692+06.44	25.40' RT	928.56	336101.32	794228.72
6613	692+11.10	40.46' RT	929.83	336086.23	794233.29	6639	692+07.23	26.16' RT	928.58	336100.56	794229.50
6614	692+17.07	44.25' RT	930.01	336082.41	794239.24	6640	692+10.44	40.60' RT	930.83	336086.09	794232.63
6615	692+17.18	45.21' RT	930.03	336081.44	794239.34	6641	692+11.53	45.45' RT	930.93	336081.24	794233.68
6616	692+12.19	45.34' RT	929.93	336081.35	794234.35	6642	692+13.36	60.38' RT	931.84	336066.30	794235.42
6617E	692+17.35	60.22' RT	931.85	336066.44	794239.42	6643E	691+83.07	32.45' RT	927.85	336094.42	794205.31
6618E	692+14.03	60.30' RT	931.84	336066.38	794236.09	6644E	691+85.62	32.45' RT	927.90	336094.40	794207.86
6619	691+80.62	19.73' RT	925.94	336107.15	794202.94	6645	691+80.62	11.66' RT	925.57	336115.22	794202.98
6620	691+85.62	19.72' RT	926.09	336107.13	794207.93	6646	691+85.62	11.66' RT	925.72	336115.19	794207.98
6621	691+85.62	24.73' RT	926.12	336102.12	794207.90	6647	692+14.12	18.30' RT	927.49	336108.37	794236.44
6622	691+85.62	29.42' RT	926.16	336097.43	794207.87	6648	692+18.21	23.78' RT	927.81	336102.86	794240.50
6623	691+82.96	29.42' RT	926.12	336097.45	794205.21	6649E	691+65.01	11.67' RT	924.74	336115.30	794187.38
6624	691+80.62	29.42' RT	926.08	336097.46	794202.87	6650E	692+21.02	50.70' RT	930.20	336075.92	794243.14
6625	691+80.62	24.42' RT	926.01	336102.46	794202.91						

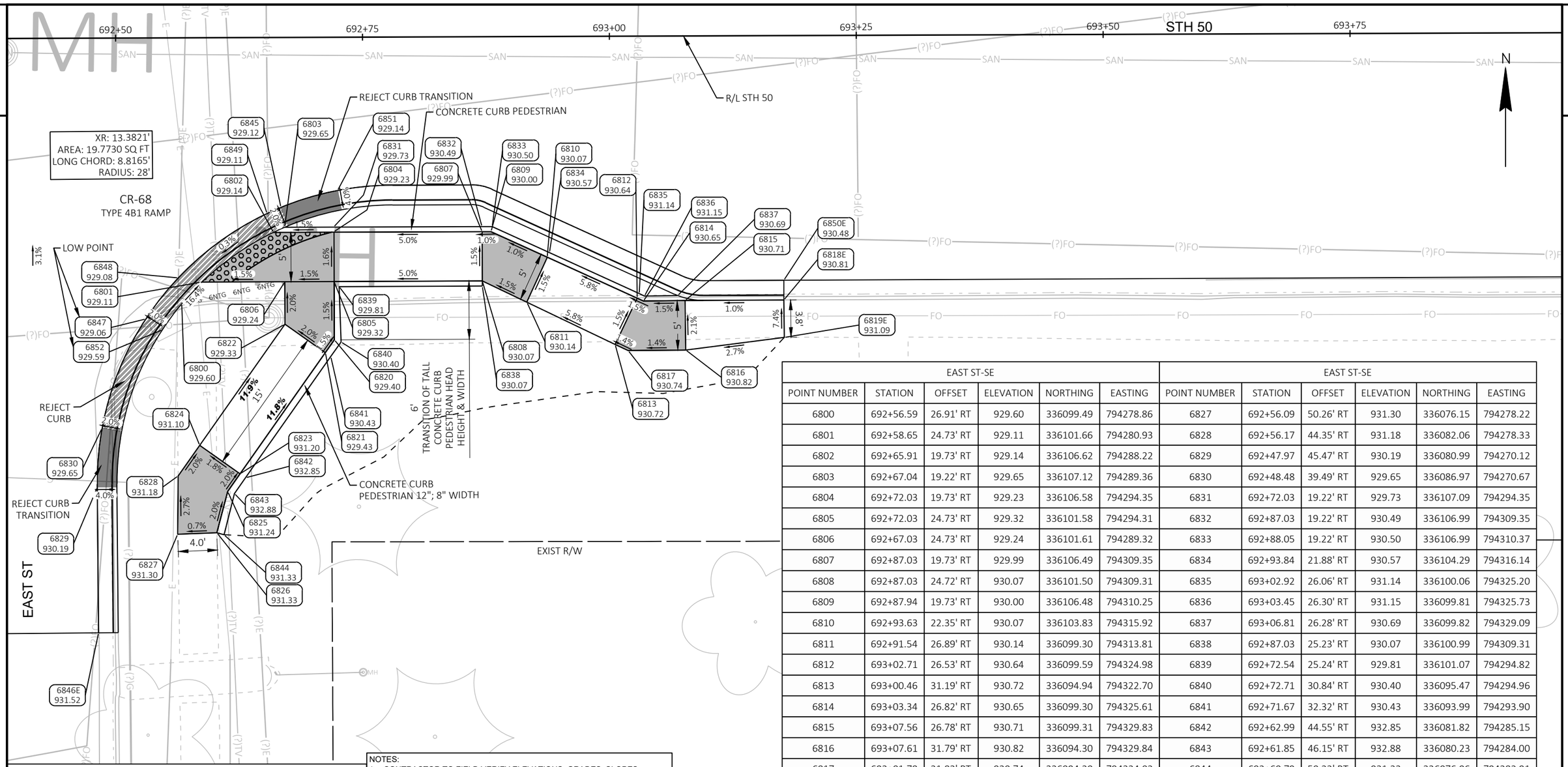
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
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9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - EAST ST- SW	SHEET 136	E



EAST ST-SE						EAST ST-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6800	692+56.59	26.91' RT	929.60	336099.49	794278.86	6827	692+56.09	50.26' RT	931.30	336076.15	794278.22
6801	692+58.65	24.73' RT	929.11	336101.66	794280.93	6828	692+56.17	44.35' RT	931.18	336082.06	794278.33
6802	692+65.91	19.73' RT	929.14	336106.62	794288.22	6829	692+47.97	45.47' RT	930.19	336080.99	794270.12
6803	692+67.04	19.22' RT	929.65	336107.12	794289.36	6830	692+48.48	39.49' RT	929.65	336086.97	794270.67
6804	692+72.03	19.73' RT	929.23	336106.58	794294.35	6831	692+72.03	19.22' RT	929.73	336107.09	794294.35
6805	692+72.03	24.73' RT	929.32	336101.58	794294.31	6832	692+87.03	19.22' RT	930.49	336106.99	794309.35
6806	692+67.03	24.73' RT	929.24	336101.61	794289.32	6833	692+88.05	19.22' RT	930.50	336106.99	794310.37
6807	692+87.03	19.73' RT	929.99	336106.49	794309.35	6834	692+93.84	21.88' RT	930.57	336104.29	794316.14
6808	692+87.03	24.72' RT	930.07	336101.50	794309.31	6835	693+02.92	26.06' RT	931.14	336100.06	794325.20
6809	692+87.94	19.73' RT	930.00	336106.48	794310.25	6836	693+03.45	26.30' RT	931.15	336099.81	794325.73
6810	692+93.63	22.35' RT	930.07	336103.83	794315.92	6837	693+06.81	26.28' RT	930.69	336099.82	794329.09
6811	692+91.54	26.89' RT	930.14	336099.30	794313.81	6838	692+87.03	25.23' RT	930.07	336100.99	794309.31
6812	693+02.71	26.53' RT	930.64	336099.59	794324.98	6839	692+72.54	25.24' RT	929.81	336101.07	794294.82
6813	693+00.46	31.19' RT	930.72	336094.94	794322.70	6840	692+72.71	30.84' RT	930.40	336095.47	794294.96
6814	693+03.34	26.82' RT	930.65	336099.30	794325.61	6841	692+71.67	32.32' RT	930.43	336093.99	794293.90
6815	693+07.56	26.78' RT	930.71	336099.31	794329.83	6842	692+62.99	44.55' RT	932.85	336081.82	794285.15
6816	693+07.61	31.79' RT	930.82	336094.30	794329.84	6843	692+61.85	46.15' RT	932.88	336080.23	794284.00
6817	693+01.78	31.83' RT	930.74	336094.30	794324.02	6844	692+60.79	50.32' RT	931.33	336076.06	794282.91
6818E	693+17.57	26.77' RT	930.81	336099.26	794339.84	6845	692+66.68	17.20' RT	929.12	336109.14	794289.01
6819E	693+17.60	30.54' RT	931.09	336095.48	794339.84	6846E	692+48.04	60.20' RT	931.52	336066.26	794270.11
6820	692+72.04	30.62' RT	929.40	336095.69	794294.28	6847	692+52.95	28.44' RT	929.06	336097.99	794275.21
6821	692+71.11	31.93' RT	929.43	336094.39	794293.35	6848	692+56.26	24.29' RT	929.08	336102.12	794278.55
6822	692+67.04	29.03' RT	929.33	336097.31	794289.29	6849	692+65.27	17.82' RT	929.11	336108.53	794287.60
6823	692+62.43	44.16' RT	931.20	336082.21	794284.60	6850E	693+17.56	24.77' RT	930.48	336101.26	794339.85
6824	692+58.36	41.27' RT	931.10	336085.13	794280.54	6851	692+72.42	15.52' RT	929.14	336110.79	794294.76
6825	692+61.17	45.93' RT	931.24	336080.44	794283.33	6852	692+54.62	29.54' RT	929.59	336096.88	794276.87
6826	692+60.06	50.12' RT	931.33	336076.26	794282.19						

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 1OTP 1OTP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
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2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - EAST ST - SE	SHEET 137	E

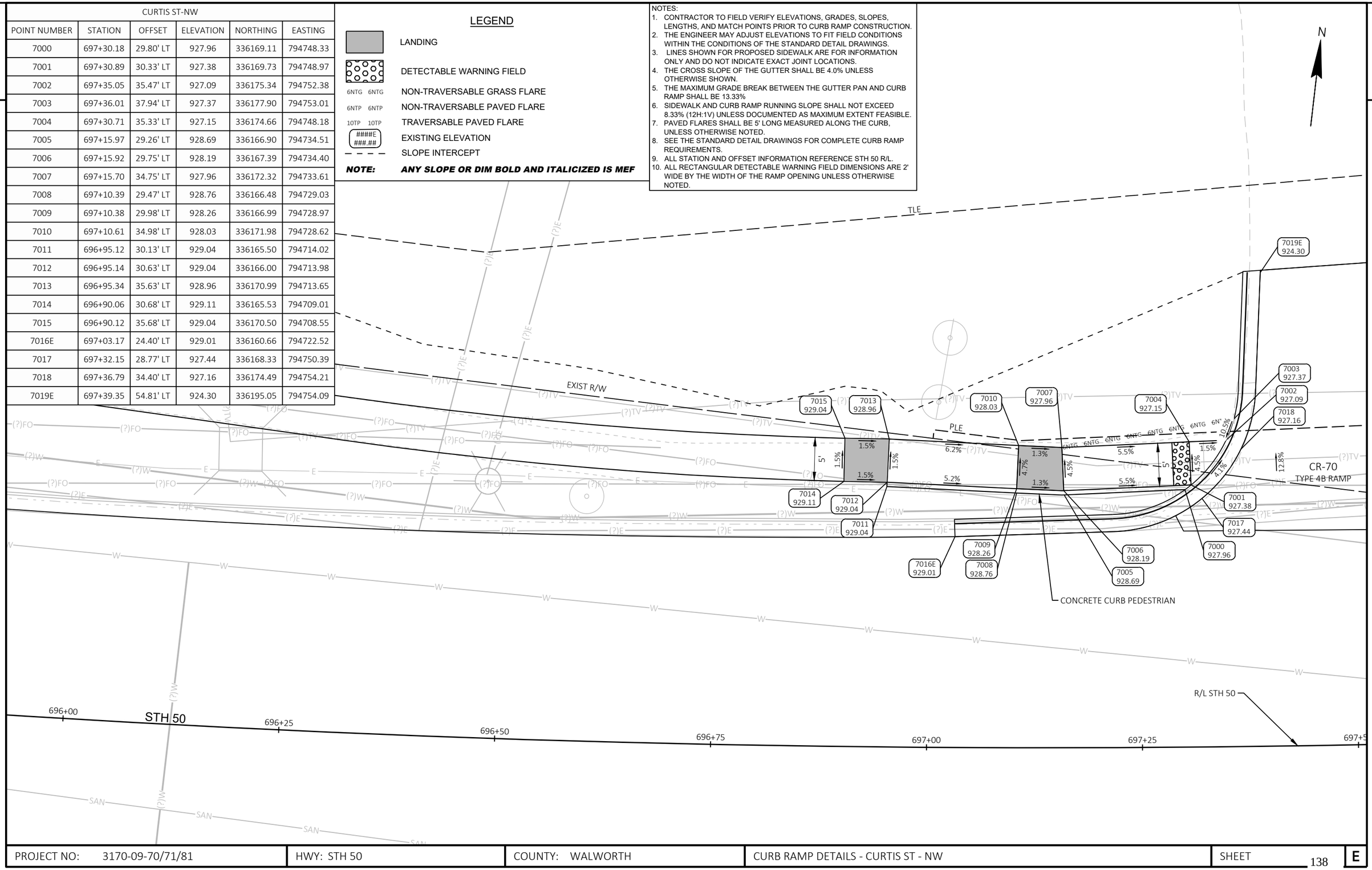
CURTIS ST-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7000	697+30.18	29.80' LT	927.96	336169.11	794748.33
7001	697+30.89	30.33' LT	927.38	336169.73	794748.97
7002	697+35.05	35.47' LT	927.09	336175.34	794752.38
7003	697+36.01	37.94' LT	927.37	336177.90	794753.01
7004	697+30.71	35.33' LT	927.15	336174.66	794748.18
7005	697+15.97	29.26' LT	928.69	336166.90	794734.51
7006	697+15.92	29.75' LT	928.19	336167.39	794734.40
7007	697+15.70	34.75' LT	927.96	336172.32	794733.61
7008	697+10.39	29.47' LT	928.76	336166.48	794729.03
7009	697+10.38	29.98' LT	928.26	336166.99	794728.97
7010	697+10.61	34.98' LT	928.03	336171.98	794728.62
7011	696+95.12	30.13' LT	929.04	336165.50	794714.02
7012	696+95.14	30.63' LT	929.04	336166.00	794713.98
7013	696+95.34	35.63' LT	928.96	336170.99	794713.65
7014	696+90.06	30.68' LT	929.11	336165.53	794709.01
7015	696+90.12	35.68' LT	929.04	336170.50	794708.55
7016E	697+03.17	24.40' LT	929.01	336160.66	794722.52
7017	697+32.15	28.77' LT	927.44	336168.33	794750.39
7018	697+36.79	34.40' LT	927.16	336174.49	794754.21
7019E	697+39.35	54.81' LT	924.30	336195.05	794754.09

LEGEND

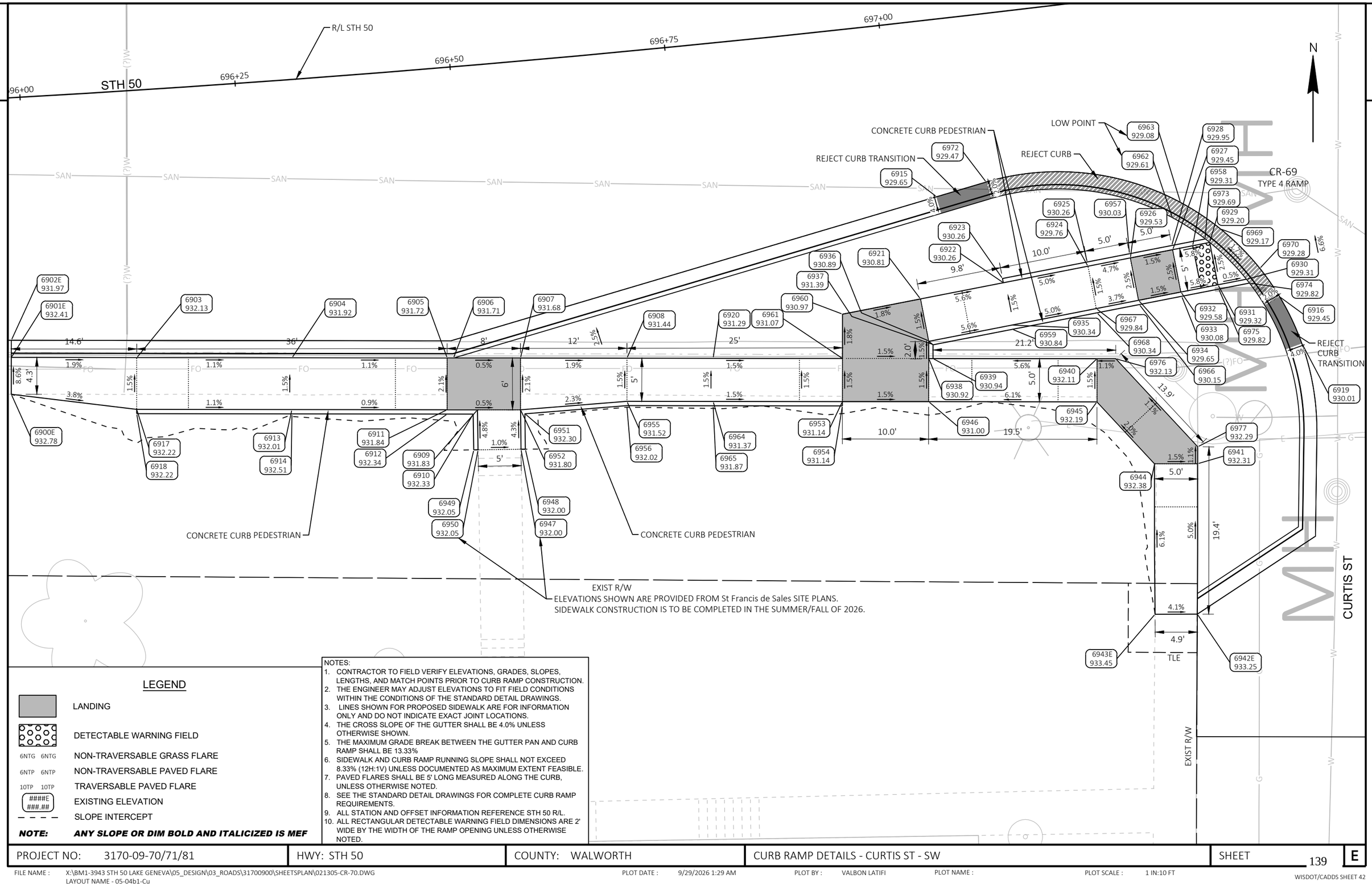
- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
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7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CURTIS ST - NW	SHEET 138	E



LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 1OTP 1OTP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

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9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CURTIS ST - SW	SHEET 139	E

CURTIS ST-SW						CURTIS ST-SW						CURTIS ST-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING	POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
6900E	695+97.07	34.29' RT	932.78	336093.50	794621.31	6926	697+25.60	30.13' RT	929.53	336109.07	794751.11	6952	696+54.74	40.28' RT	931.80	336091.58	794680.36
6901E	695+97.31	30.05' RT	932.41	336097.75	794621.32	6927	697+30.51	29.79' RT	929.45	336110.02	794756.02	6953	696+91.19	42.88' RT	931.14	336092.48	794717.70
6902E	695+97.42	28.05' RT	931.97	336099.75	794621.32	6928	697+30.48	29.29' RT	929.95	336110.51	794755.92	6954	696+91.14	43.37' RT	931.14	336091.98	794717.69
6903	696+11.61	30.93' RT	932.13	336097.71	794635.87	6929	697+34.81	29.50' RT	929.20	336110.85	794760.32	6955	696+66.85	40.39' RT	931.52	336092.55	794692.70
6904	696+29.27	32.17' RT	931.92	336097.66	794653.87	6930	697+38.43	34.27' RT	929.31	336106.58	794764.57	6956	696+66.80	40.89' RT	932.02	336092.05	794692.69
6905	696+46.92	33.58' RT	931.72	336097.61	794671.87	6931	697+35.13	34.49' RT	929.32	336105.94	794761.27	6957	697+25.56	29.64' RT	930.03	336109.56	794751.01
6906	696+47.64	33.64' RT	931.71	336097.61	794672.61	6932	697+30.84	34.78' RT	929.58	336105.11	794756.97	6958	697+32.85	29.63' RT	929.31	336110.47	794758.35
6907	696+55.24	34.30' RT	931.68	336097.58	794680.37	6933	697+30.87	35.28' RT	930.08	336104.62	794757.06	6959	697+11.29	36.72' RT	930.84	336100.82	794737.43
6908	696+67.31	35.41' RT	931.44	336097.55	794692.71	6934	697+25.94	35.12' RT	929.65	336104.16	794752.06	6960	696+92.25	32.80' RT	930.97	336102.61	794717.72
6909	696+49.86	39.85' RT	931.83	336091.60	794675.37	6935	697+11.25	36.22' RT	930.34	336101.31	794737.33	6961	696+91.71	37.90' RT	931.07	336097.48	794717.71
6910	696+49.34	40.31' RT	932.33	336091.10	794674.88	6936	697+01.68	37.00' RT	930.89	336099.45	794727.72	6962	697+30.94	26.12' RT	929.61	336113.72	794756.00
6911	696+46.43	39.56' RT	931.84	336091.61	794671.85	6937	697+02.12	37.47' RT	931.39	336099.04	794728.21	6963	697+32.09	24.49' RT	929.08	336115.48	794756.95
6912	696+46.39	40.05' RT	932.34	336091.11	794671.85	6938	697+01.46	38.99' RT	930.92	336097.45	794727.71	6964	696+76.59	41.34' RT	931.37	336092.52	794702.70
6913	696+28.84	38.15' RT	932.01	336091.66	794653.85	6939	697+01.95	39.05' RT	930.94	336097.45	794728.21	6965	696+76.55	41.84' RT	931.87	336092.02	794702.69
6914	696+28.81	38.66' RT	932.51	336091.15	794653.85	6940	697+20.45	41.26' RT	932.11	336097.40	794747.23	6966	697+25.97	35.62' RT	930.15	336103.67	794752.15
6915	697+04.40	20.45' RT	929.65	336116.21	794728.65	6941	697+30.29	54.77' RT	932.31	336085.20	794758.88	6967	697+21.04	35.48' RT	929.84	336103.21	794747.15
6916	697+41.90	36.79' RT	929.45	336104.54	794768.40	6942E	697+28.16	72.06' RT	933.25	336067.78	794758.82	6968	697+21.08	35.98' RT	930.34	336102.72	794747.24
6917	696+11.23	36.91' RT	932.22	336091.72	794635.85	6943E	697+23.47	71.46' RT	933.45	336067.78	794753.92	6969	697+36.23	28.12' RT	929.17	336112.40	794761.57
6918	696+11.20	37.40' RT	932.22	336091.22	794635.85	6944	697+25.47	54.15' RT	932.38	336085.21	794753.88	6970	697+40.11	33.24' RT	929.28	336107.83	794766.13
6919	697+43.72	42.48' RT	930.01	336099.14	794770.98	6945	697+19.85	46.22' RT	932.19	336092.40	794747.21	6972	697+10.24	19.41' RT	929.47	336117.89	794734.40
6920	696+77.08	36.37' RT	931.29	336097.52	794702.71	6946	697+00.91	43.96' RT	931.00	336092.45	794727.70	6973	697+34.36	29.03' RT	929.69	336111.26	794759.80
6921	697+01.27	32.02' RT	930.81	336104.36	794726.77	6947	696+54.41	44.82' RT	932.00	336087.02	794680.41	6974	697+38.71	34.76' RT	929.82	336106.13	794764.92
6922	697+10.87	31.24' RT	930.26	336106.22	794736.38	6948	696+54.89	44.86' RT	932.00	336087.03	794680.91	6975	697+35.16	34.99' RT	929.82	336105.45	794761.36
6923	697+10.84	30.74' RT	930.26	336106.71	794736.29	6949	696+49.07	44.44' RT	932.05	336086.95	794674.93	6976	697+22.56	41.52' RT	932.13	336097.39	794749.40
6924	697+20.69	30.49' RT	929.76	336108.12	794746.20	6950	696+49.56	44.48' RT	932.05	336086.96	794675.43	6977	697+30.53	52.82' RT	932.29	336087.17	794758.88
6925	697+20.65	29.99' RT	930.26	336108.61	794746.10	6951	696+55.19	40.77' RT	932.30	336091.13	794680.87						

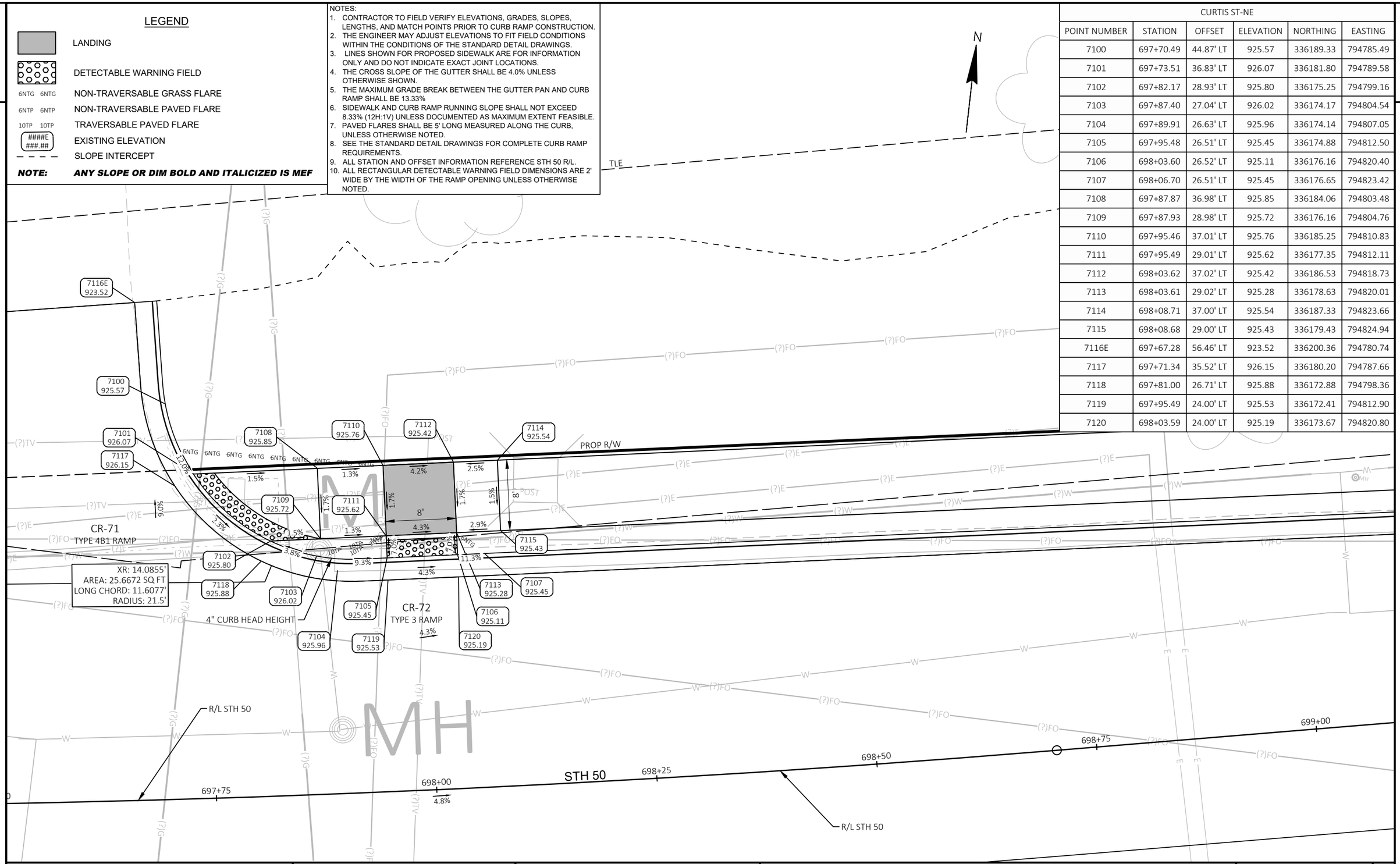
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
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- SLOPE INTERCEPT

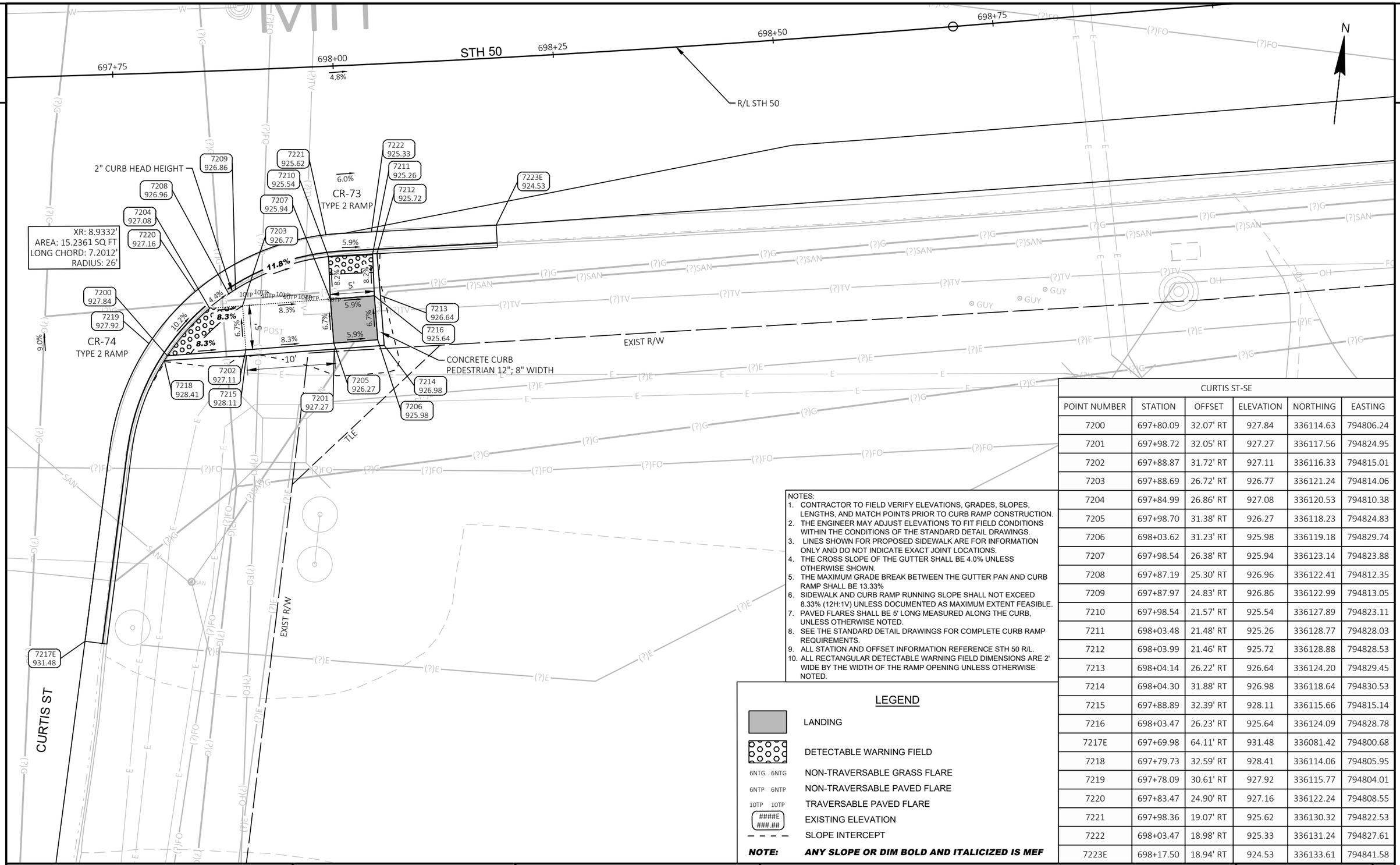
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CURTIS ST-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7100	697+70.49	44.87' LT	925.57	336189.33	794785.49
7101	697+73.51	36.83' LT	926.07	336181.80	794789.58
7102	697+82.17	28.93' LT	925.80	336175.25	794799.16
7103	697+87.40	27.04' LT	926.02	336174.17	794804.54
7104	697+89.91	26.63' LT	925.96	336174.14	794807.05
7105	697+95.48	26.51' LT	925.45	336174.88	794812.50
7106	698+03.60	26.52' LT	925.11	336176.16	794820.40
7107	698+06.70	26.51' LT	925.45	336176.65	794823.42
7108	697+87.87	36.98' LT	925.85	336184.06	794803.48
7109	697+87.93	28.98' LT	925.72	336176.16	794804.76
7110	697+95.46	37.01' LT	925.76	336185.25	794810.83
7111	697+95.49	29.01' LT	925.62	336177.35	794812.11
7112	698+03.62	37.02' LT	925.42	336186.53	794818.73
7113	698+03.61	29.02' LT	925.28	336178.63	794820.01
7114	698+08.71	37.00' LT	925.54	336187.33	794823.66
7115	698+08.68	29.00' LT	925.43	336179.43	794824.94
7116E	697+67.28	56.46' LT	923.52	336200.36	794780.74
7117	697+71.34	35.52' LT	926.15	336180.20	794787.66
7118	697+81.00	26.71' LT	925.88	336172.88	794798.36
7119	697+95.49	24.00' LT	925.53	336172.41	794812.90
7120	698+03.59	24.00' LT	925.19	336173.67	794820.80



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CURTIS ST - NE	SHEET 141	E



CURTIS ST-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7200	697+80.09	32.07' RT	927.84	336114.63	794806.24
7201	697+98.72	32.05' RT	927.27	336117.56	794824.95
7202	697+88.87	31.72' RT	927.11	336116.33	794815.01
7203	697+88.69	26.72' RT	926.77	336121.24	794814.06
7204	697+84.99	26.86' RT	927.08	336120.53	794810.38
7205	697+98.70	31.38' RT	926.27	336118.23	794824.83
7206	698+03.62	31.23' RT	925.98	336119.18	794829.74
7207	697+98.54	26.38' RT	925.94	336123.14	794823.88
7208	697+87.19	25.30' RT	926.96	336122.41	794812.35
7209	697+87.97	24.83' RT	926.86	336122.99	794813.05
7210	697+98.54	21.57' RT	925.54	336127.89	794823.11
7211	698+03.48	21.48' RT	925.26	336128.77	794828.03
7212	698+03.99	21.46' RT	925.72	336128.88	794828.53
7213	698+04.14	26.22' RT	926.64	336124.20	794829.45
7214	698+04.30	31.88' RT	926.98	336118.64	794830.53
7215	697+88.89	32.39' RT	928.11	336115.66	794815.14
7216	698+03.47	26.23' RT	925.64	336124.09	794828.78
7217E	697+69.98	64.11' RT	931.48	336081.42	794800.68
7218	697+79.73	32.59' RT	928.41	336114.06	794805.95
7219	697+78.09	30.61' RT	927.92	336115.77	794804.01
7220	697+83.47	24.90' RT	927.16	336122.24	794808.55
7221	697+98.36	19.07' RT	925.62	336130.32	794822.53
7222	698+03.47	18.98' RT	925.33	336131.24	794827.61
7223E	698+17.50	18.94' RT	924.53	336133.61	794841.58

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

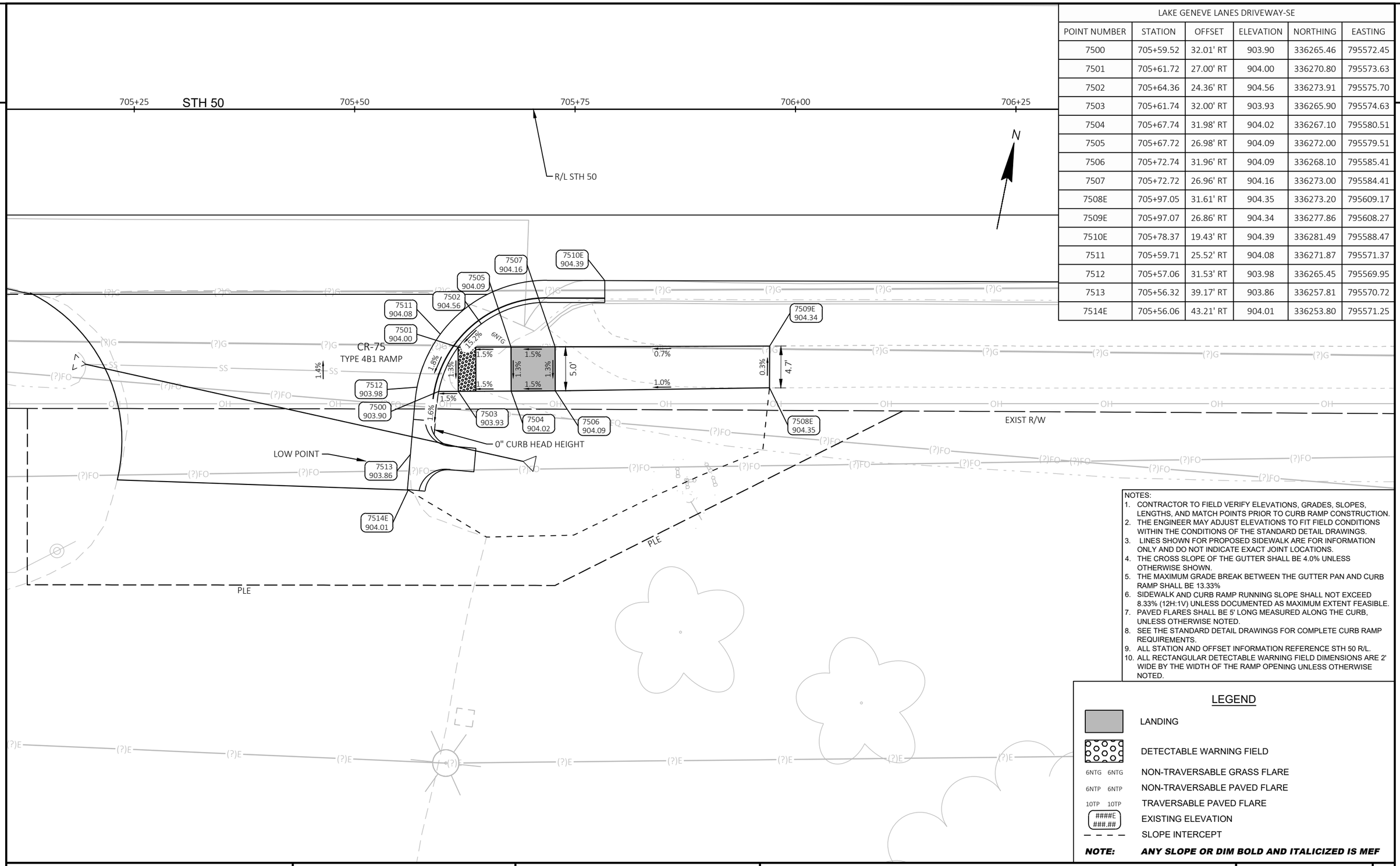
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - CURTIS ST - SE	SHEET 142 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-04d-Cu

PLOT DATE : 9/29/2026 1:30 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

LAKE GENEVE LANES DRIVEWAY-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7500	705+59.52	32.01' RT	903.90	336265.46	795572.45
7501	705+61.72	27.00' RT	904.00	336270.80	795573.63
7502	705+64.36	24.36' RT	904.56	336273.91	795575.70
7503	705+61.74	32.00' RT	903.93	336265.90	795574.63
7504	705+67.74	31.98' RT	904.02	336267.10	795580.51
7505	705+67.72	26.98' RT	904.09	336272.00	795579.51
7506	705+72.74	31.96' RT	904.09	336268.10	795585.41
7507	705+72.72	26.96' RT	904.16	336273.00	795584.41
7508E	705+97.05	31.61' RT	904.35	336273.20	795609.17
7509E	705+97.07	26.86' RT	904.34	336277.86	795608.27
7510E	705+78.37	19.43' RT	904.39	336281.49	795588.47
7511	705+59.71	25.52' RT	904.08	336271.87	795571.37
7512	705+57.06	31.53' RT	903.98	336265.45	795569.95
7513	705+56.32	39.17' RT	903.86	336257.81	795570.72
7514E	705+56.06	43.21' RT	904.01	336253.80	795571.25



NOTES:
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5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 1OTP 1OTP — TRAVERSABLE PAVED FLARE
- #####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - LAKE GENEVA LANES	SHEET 143	E

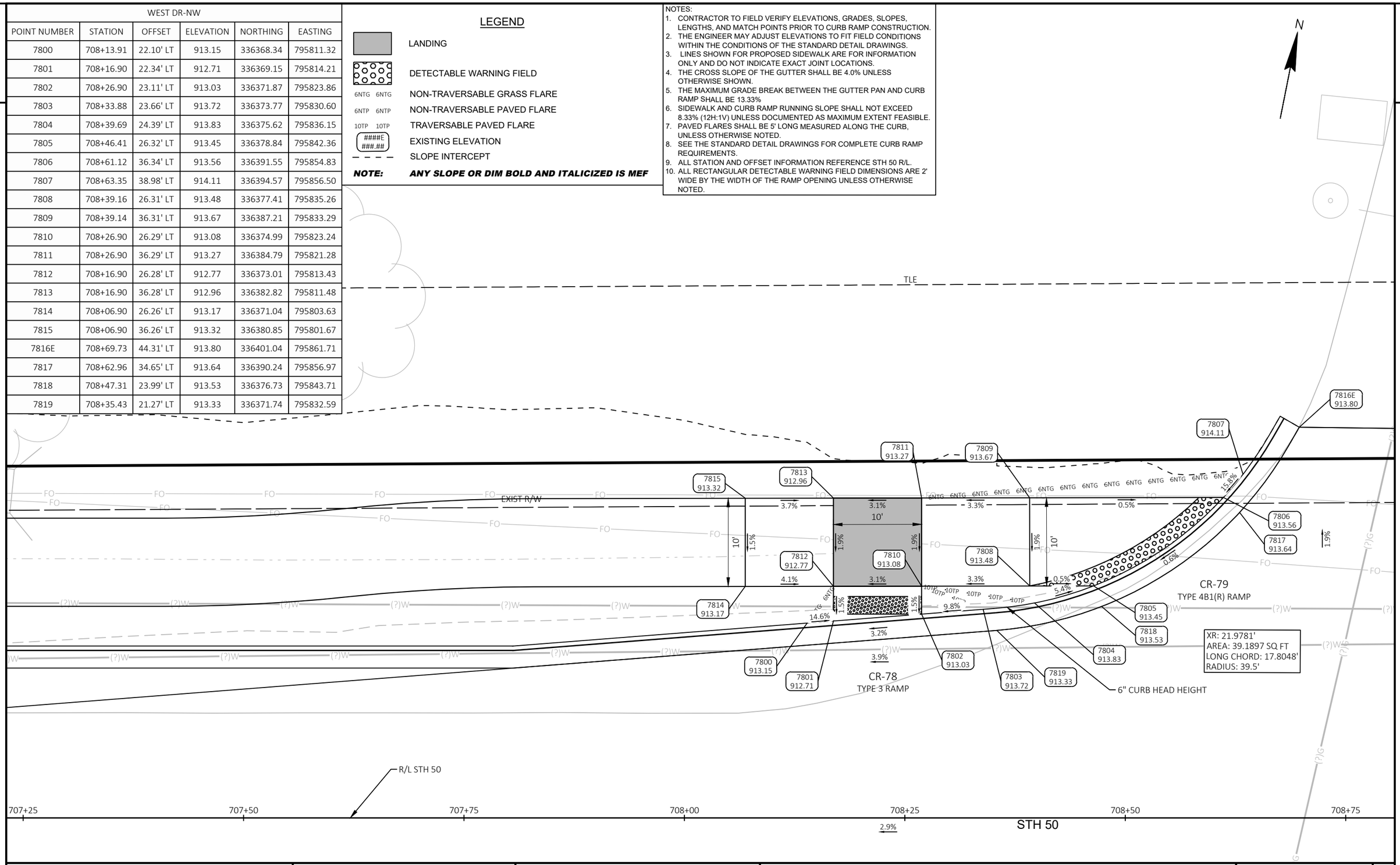
WEST DR-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7800	708+13.91	22.10' LT	913.15	336368.34	795811.32
7801	708+16.90	22.34' LT	912.71	336369.15	795814.21
7802	708+26.90	23.11' LT	913.03	336371.87	795823.86
7803	708+33.88	23.66' LT	913.72	336373.77	795830.60
7804	708+39.69	24.39' LT	913.83	336375.62	795836.15
7805	708+46.41	26.32' LT	913.45	336378.84	795842.36
7806	708+61.12	36.34' LT	913.56	336391.55	795854.83
7807	708+63.35	38.98' LT	914.11	336394.57	795856.50
7808	708+39.16	26.31' LT	913.48	336377.41	795835.26
7809	708+39.14	36.31' LT	913.67	336387.21	795833.29
7810	708+26.90	26.29' LT	913.08	336374.99	795823.24
7811	708+26.90	36.29' LT	913.27	336384.79	795821.28
7812	708+16.90	26.28' LT	912.77	336373.01	795813.43
7813	708+16.90	36.28' LT	912.96	336382.82	795811.48
7814	708+06.90	26.26' LT	913.17	336371.04	795803.63
7815	708+06.90	36.26' LT	913.32	336380.85	795801.67
7816E	708+69.73	44.31' LT	913.80	336401.04	795861.71
7817	708+62.96	34.65' LT	913.64	336390.24	795856.97
7818	708+47.31	23.99' LT	913.53	336376.73	795843.71
7819	708+35.43	21.27' LT	913.33	336371.74	795832.59

LEGEND

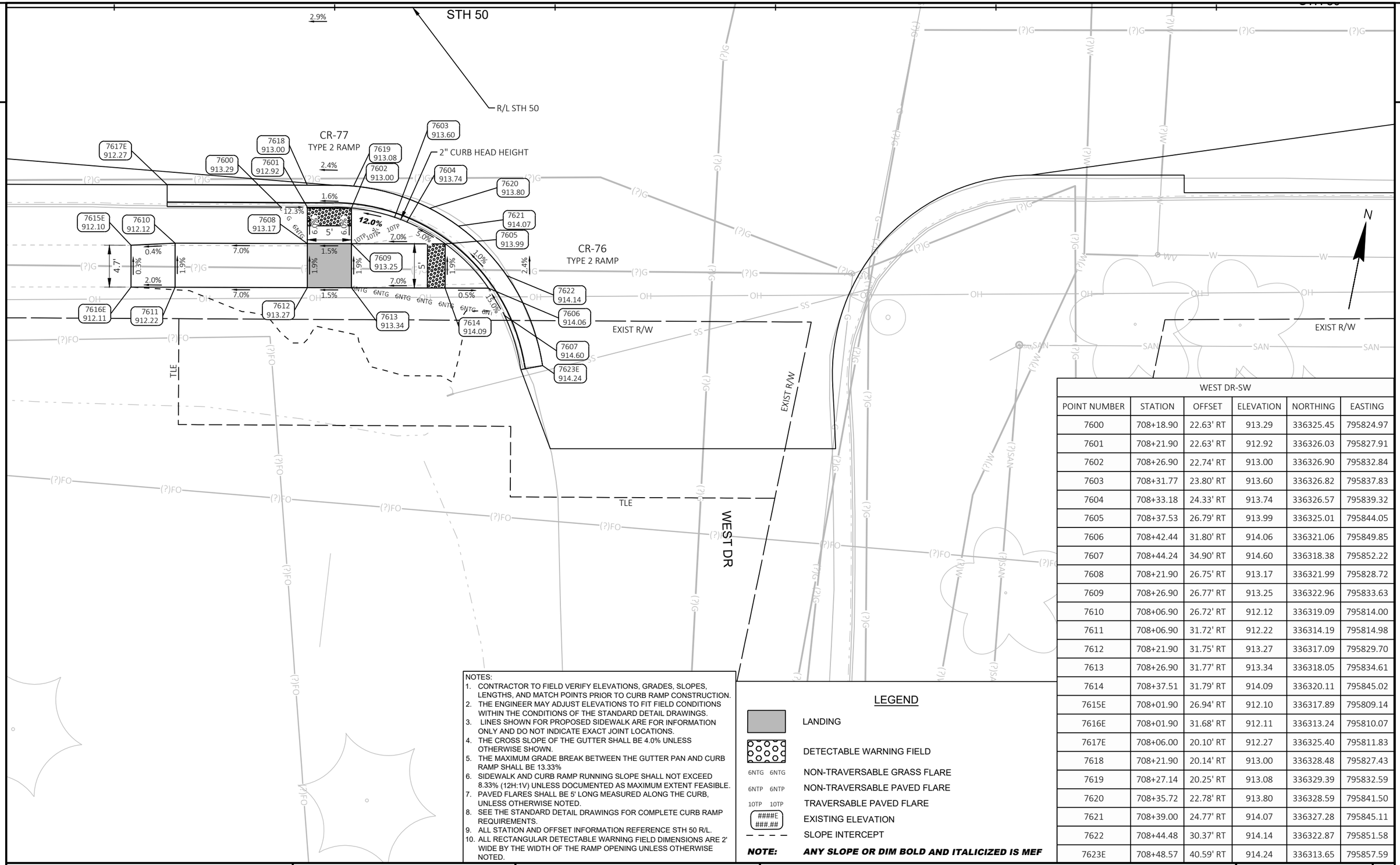
- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
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7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WEST DR - NW	SHEET 144	E



WEST DR-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
7600	708+18.90	22.63' RT	913.29	336325.45	795824.97
7601	708+21.90	22.63' RT	912.92	336326.03	795827.91
7602	708+26.90	22.74' RT	913.00	336326.90	795832.84
7603	708+31.77	23.80' RT	913.60	336326.82	795837.83
7604	708+33.18	24.33' RT	913.74	336326.57	795839.32
7605	708+37.53	26.79' RT	913.99	336325.01	795844.05
7606	708+42.44	31.80' RT	914.06	336321.06	795849.85
7607	708+44.24	34.90' RT	914.60	336318.38	795852.22
7608	708+21.90	26.75' RT	913.17	336321.99	795828.72
7609	708+26.90	26.77' RT	913.25	336322.96	795833.63
7610	708+06.90	26.72' RT	912.12	336319.09	795814.00
7611	708+06.90	31.72' RT	912.22	336314.19	795814.98
7612	708+21.90	31.75' RT	913.27	336317.09	795829.70
7613	708+26.90	31.77' RT	913.34	336318.05	795834.61
7614	708+37.51	31.79' RT	914.09	336320.11	795845.02
7615E	708+01.90	26.94' RT	912.10	336317.89	795809.14
7616E	708+01.90	31.68' RT	912.11	336313.24	795810.07
7617E	708+06.00	20.10' RT	912.27	336325.40	795811.83
7618	708+21.90	20.14' RT	913.00	336328.48	795827.43
7619	708+27.14	20.25' RT	913.08	336329.39	795832.59
7620	708+35.72	22.78' RT	913.80	336328.59	795841.50
7621	708+39.00	24.77' RT	914.07	336327.28	795845.11
7622	708+44.48	30.37' RT	914.14	336322.87	795851.58
7623E	708+48.57	40.59' RT	914.24	336313.65	795857.59

NOTES:
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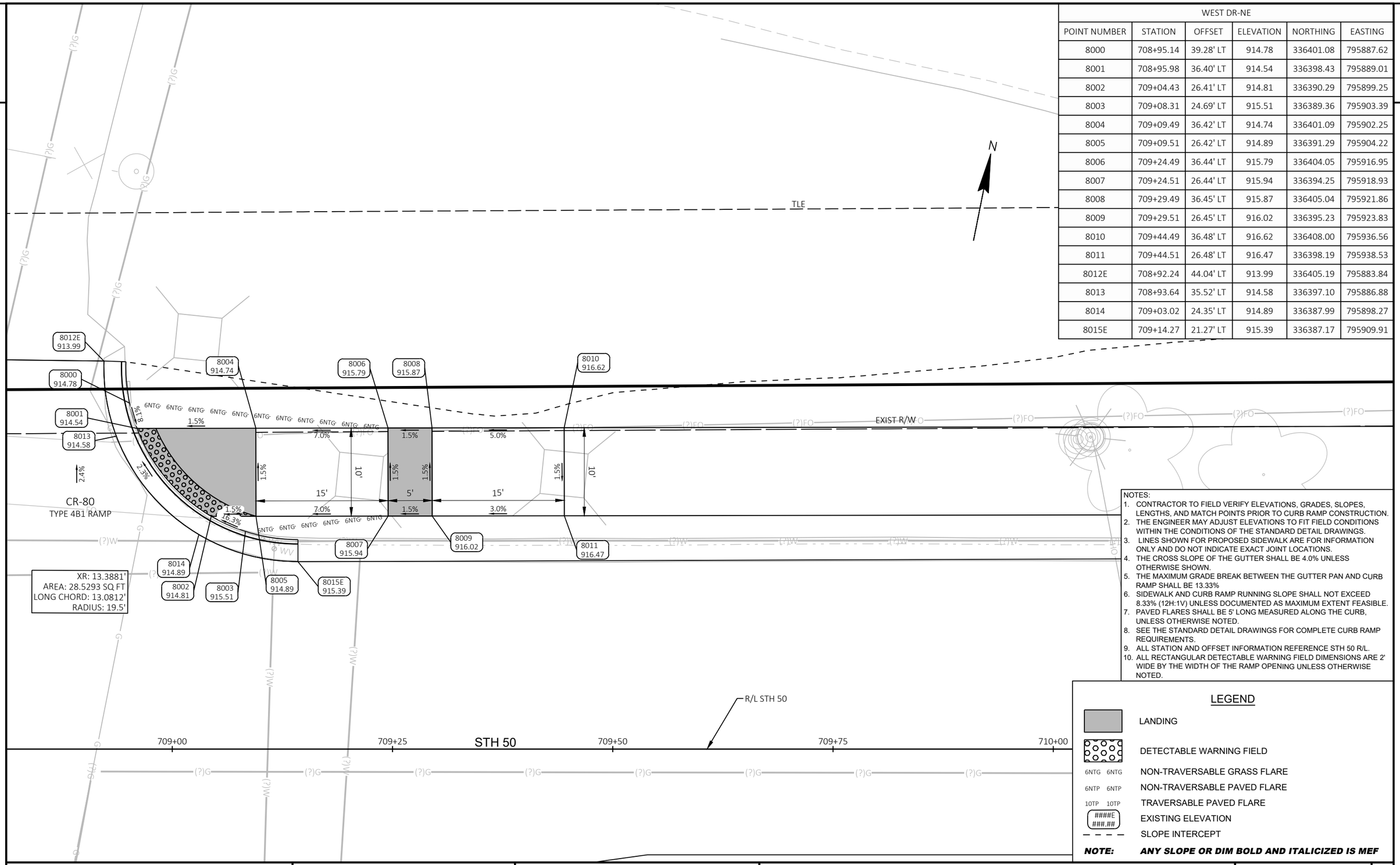
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
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- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WEST DR - SW	SHEET 145	E

WEST DR-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8000	708+95.14	39.28' LT	914.78	336401.08	795887.62
8001	708+95.98	36.40' LT	914.54	336398.43	795889.01
8002	709+04.43	26.41' LT	914.81	336390.29	795899.25
8003	709+08.31	24.69' LT	915.51	336389.36	795903.39
8004	709+09.49	36.42' LT	914.74	336401.09	795902.25
8005	709+09.51	26.42' LT	914.89	336391.29	795904.22
8006	709+24.49	36.44' LT	915.79	336404.05	795916.95
8007	709+24.51	26.44' LT	915.94	336394.25	795918.93
8008	709+29.49	36.45' LT	915.87	336405.04	795921.86
8009	709+29.51	26.45' LT	916.02	336395.23	795923.83
8010	709+44.49	36.48' LT	916.62	336408.00	795936.56
8011	709+44.51	26.48' LT	916.47	336398.19	795938.53
8012E	708+92.24	44.04' LT	913.99	336405.19	795883.84
8013	708+93.64	35.52' LT	914.58	336397.10	795886.88
8014	709+03.02	24.35' LT	914.89	336387.99	795898.27
8015E	709+14.27	21.27' LT	915.39	336387.17	795909.91



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LEGEND

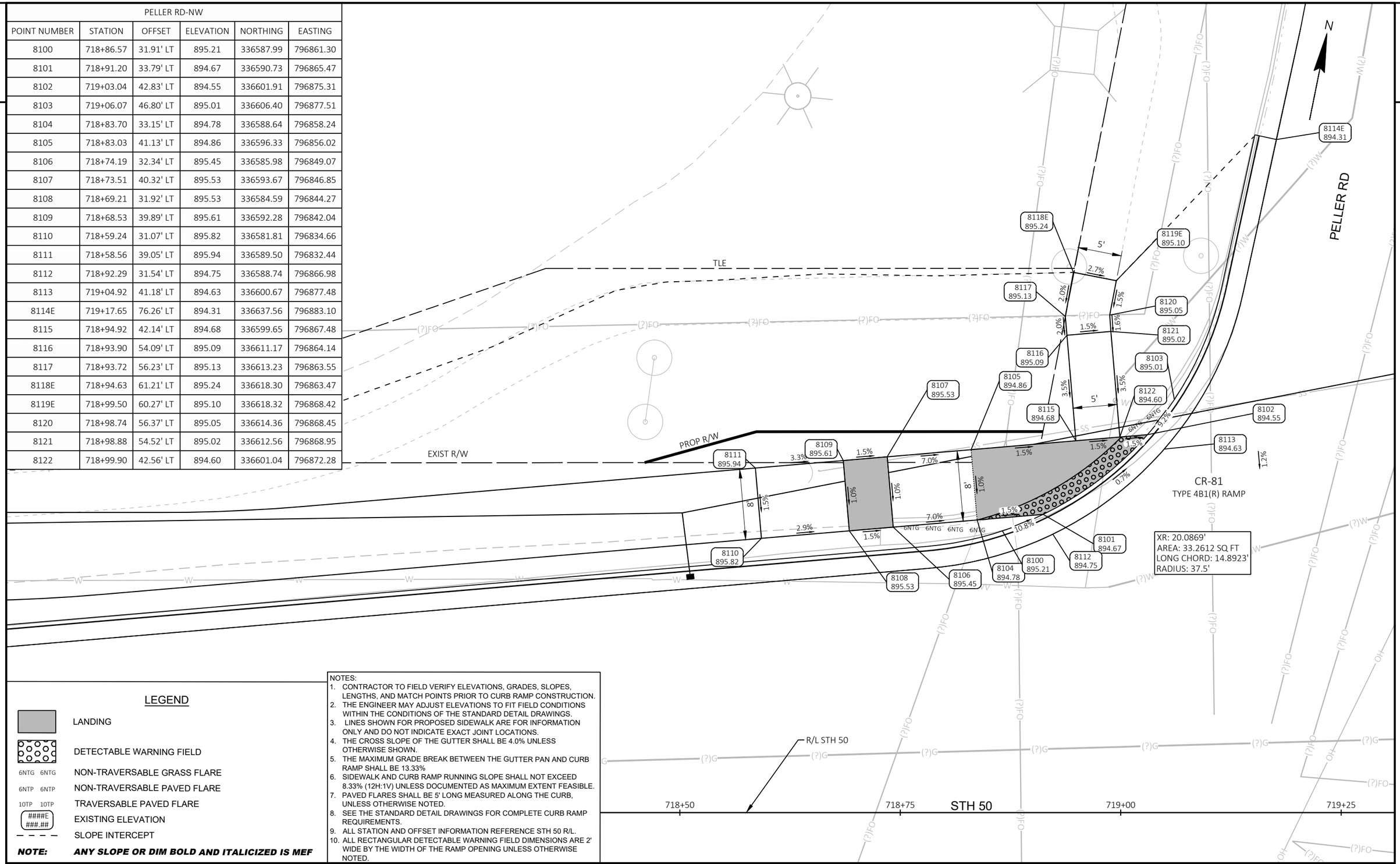
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - WEST DR - NE	SHEET 146	E

2

PELLER RD-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8100	718+86.57	31.91' LT	895.21	336587.99	796861.30
8101	718+91.20	33.79' LT	894.67	336590.73	796865.47
8102	719+03.04	42.83' LT	894.55	336601.91	796875.31
8103	719+06.07	46.80' LT	895.01	336606.40	796877.51
8104	718+83.70	33.15' LT	894.78	336588.64	796858.24
8105	718+83.03	41.13' LT	894.86	336596.33	796856.02
8106	718+74.19	32.34' LT	895.45	336585.98	796849.07
8107	718+73.51	40.32' LT	895.53	336593.67	796846.85
8108	718+69.21	31.92' LT	895.53	336584.59	796844.27
8109	718+68.53	39.89' LT	895.61	336592.28	796842.04
8110	718+59.24	31.07' LT	895.82	336581.81	796834.66
8111	718+58.56	39.05' LT	895.94	336589.50	796832.44
8112	718+92.29	31.54' LT	894.75	336588.74	796866.98
8113	719+04.92	41.18' LT	894.63	336600.67	796877.48
8114E	719+17.65	76.26' LT	894.31	336637.56	796883.10
8115	718+94.92	42.14' LT	894.68	336599.65	796867.48
8116	718+93.90	54.09' LT	895.09	336611.17	796864.14
8117	718+93.72	56.23' LT	895.13	336613.23	796863.55
8118E	718+94.63	61.21' LT	895.24	336618.30	796863.47
8119E	718+99.50	60.27' LT	895.10	336618.32	796868.42
8120	718+98.74	56.37' LT	895.05	336614.36	796868.45
8121	718+98.88	54.52' LT	895.02	336612.56	796868.95
8122	718+99.90	42.56' LT	894.60	336601.04	796872.28

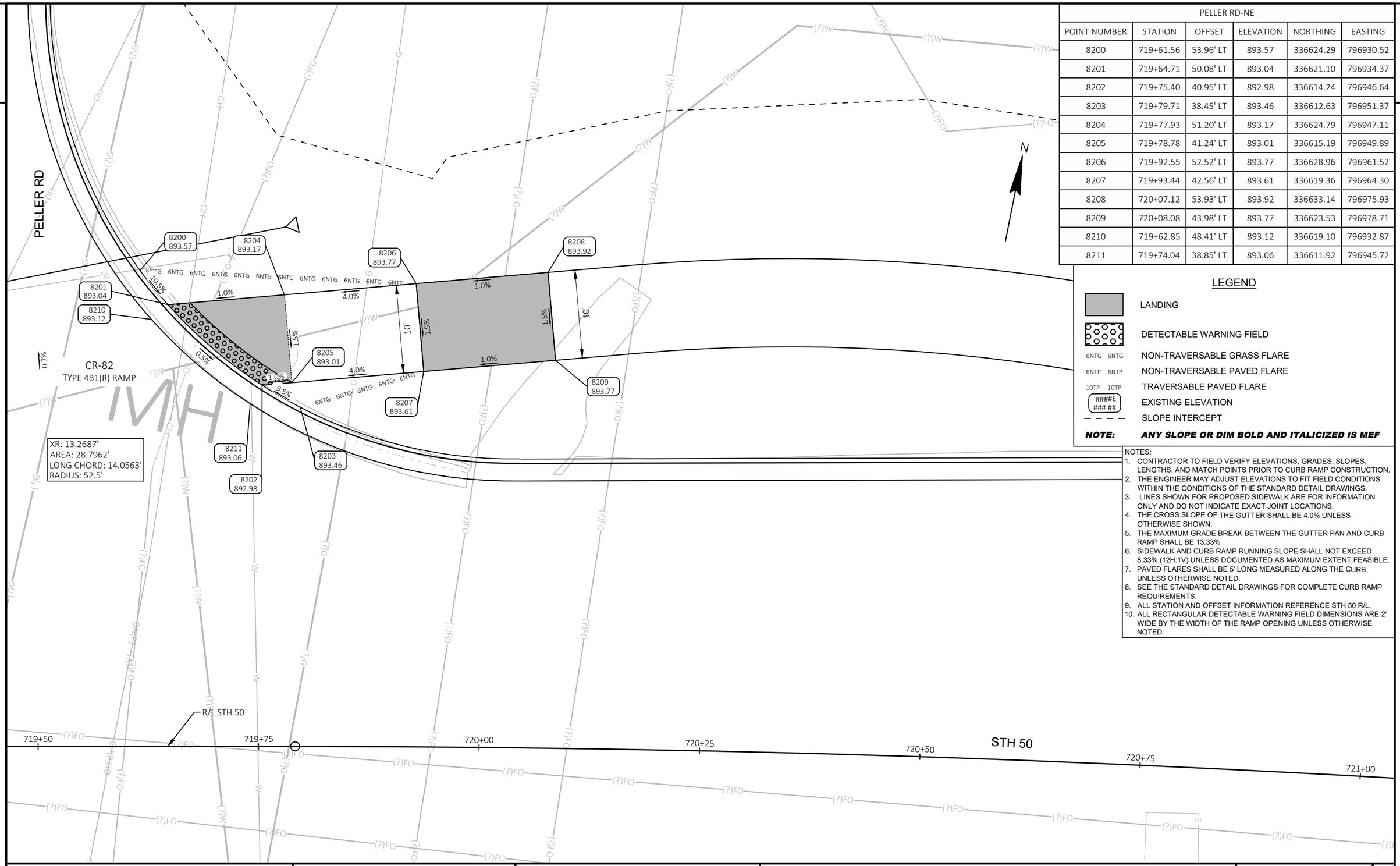


LEGEND

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- DETECTABLE WARNING FIELD
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - PELLER RD - NW	SHEET 147	E



PELLER RD-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8200	719+61.56	53.96' LT	893.57	336624.29	796930.52
8201	719+64.71	50.08' LT	893.04	336621.10	796934.37
8202	719+75.40	40.95' LT	892.98	336614.24	796946.64
8203	719+79.71	38.45' LT	893.46	336612.63	796951.37
8204	719+77.93	51.20' LT	893.17	336624.79	796947.11
8205	719+78.78	41.24' LT	893.01	336615.19	796949.89
8206	719+92.55	52.52' LT	893.77	336628.96	796961.52
8207	719+93.44	42.56' LT	893.61	336619.36	796964.30
8208	720+07.12	53.93' LT	893.92	336633.14	796975.93
8209	720+08.08	43.98' LT	893.77	336623.53	796978.71
8210	719+62.85	48.41' LT	893.12	336619.10	796932.87
8211	719+74.04	38.85' LT	893.06	336611.92	796945.72

LEGEND

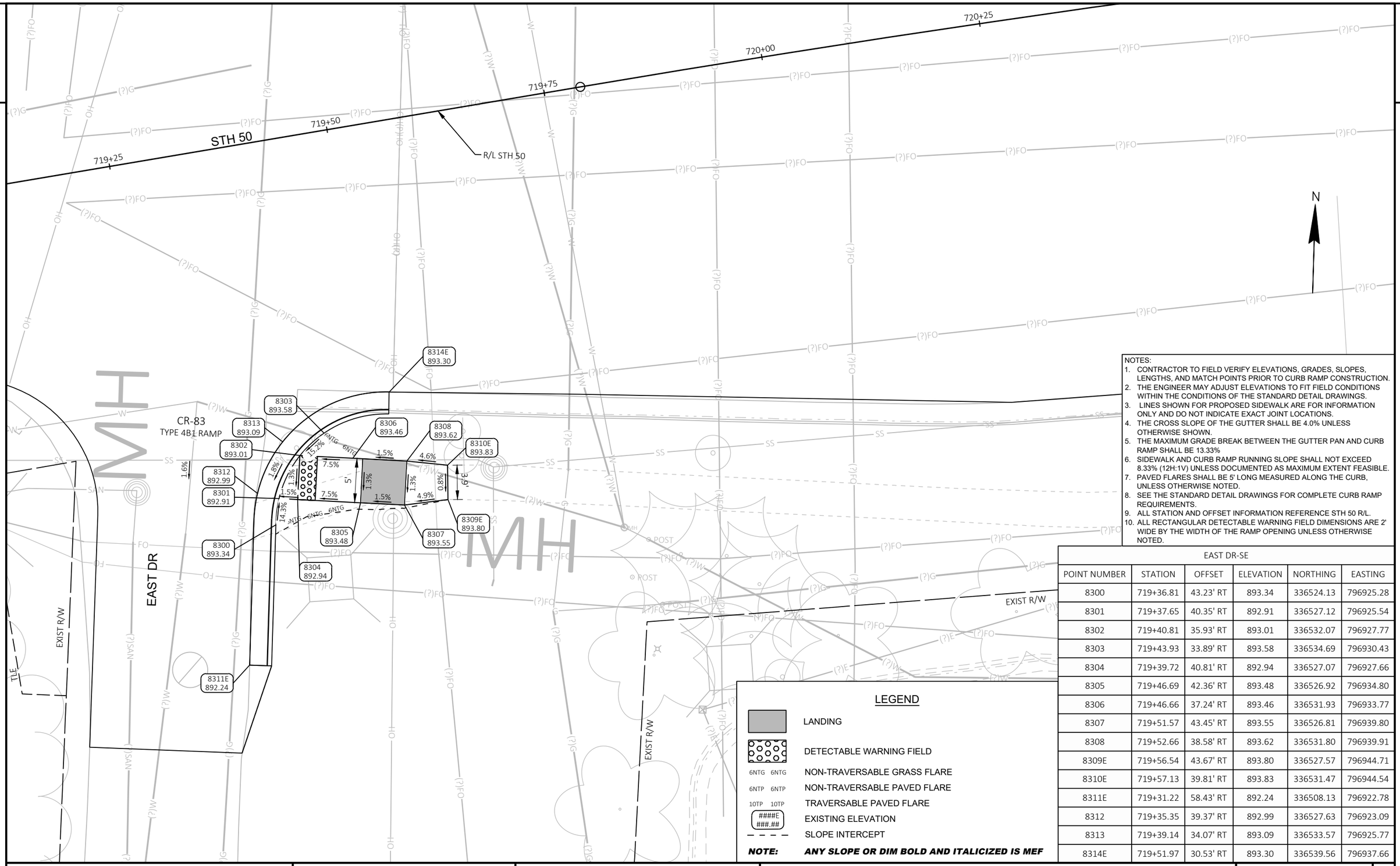
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- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - PELLER RD - NE	SHEET 148	E

2



NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
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10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

	LANDING
	DETECTABLE WARNING FIELD
6NTG 6NTG	NON-TRAVERSABLE GRASS FLARE
6NTP 6NTP	NON-TRAVERSABLE PAVED FLARE
10TP 10TP	TRAVERSABLE PAVED FLARE
####E ###.##	EXISTING ELEVATION
	SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

EAST DR-SE

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8300	719+36.81	43.23' RT	893.34	336524.13	796925.28
8301	719+37.65	40.35' RT	892.91	336527.12	796925.54
8302	719+40.81	35.93' RT	893.01	336532.07	796927.77
8303	719+43.93	33.89' RT	893.58	336534.69	796930.43
8304	719+39.72	40.81' RT	892.94	336527.07	796927.66
8305	719+46.69	42.36' RT	893.48	336526.92	796934.80
8306	719+46.66	37.24' RT	893.46	336531.93	796933.77
8307	719+51.57	43.45' RT	893.55	336526.81	796939.80
8308	719+52.66	38.58' RT	893.62	336531.80	796939.91
8309E	719+56.54	43.67' RT	893.80	336527.57	796944.71
8310E	719+57.13	39.81' RT	893.83	336531.47	796944.54
8311E	719+31.22	58.43' RT	892.24	336508.13	796922.78
8312	719+35.35	39.37' RT	892.99	336527.63	796923.09
8313	719+39.14	34.07' RT	893.09	336533.57	796925.77
8314E	719+51.97	30.53' RT	893.30	336539.56	796937.66

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - EAST DR - SE	SHEET 149 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-08a-EaDr
PLOT DATE : 9/29/2026 1:31 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

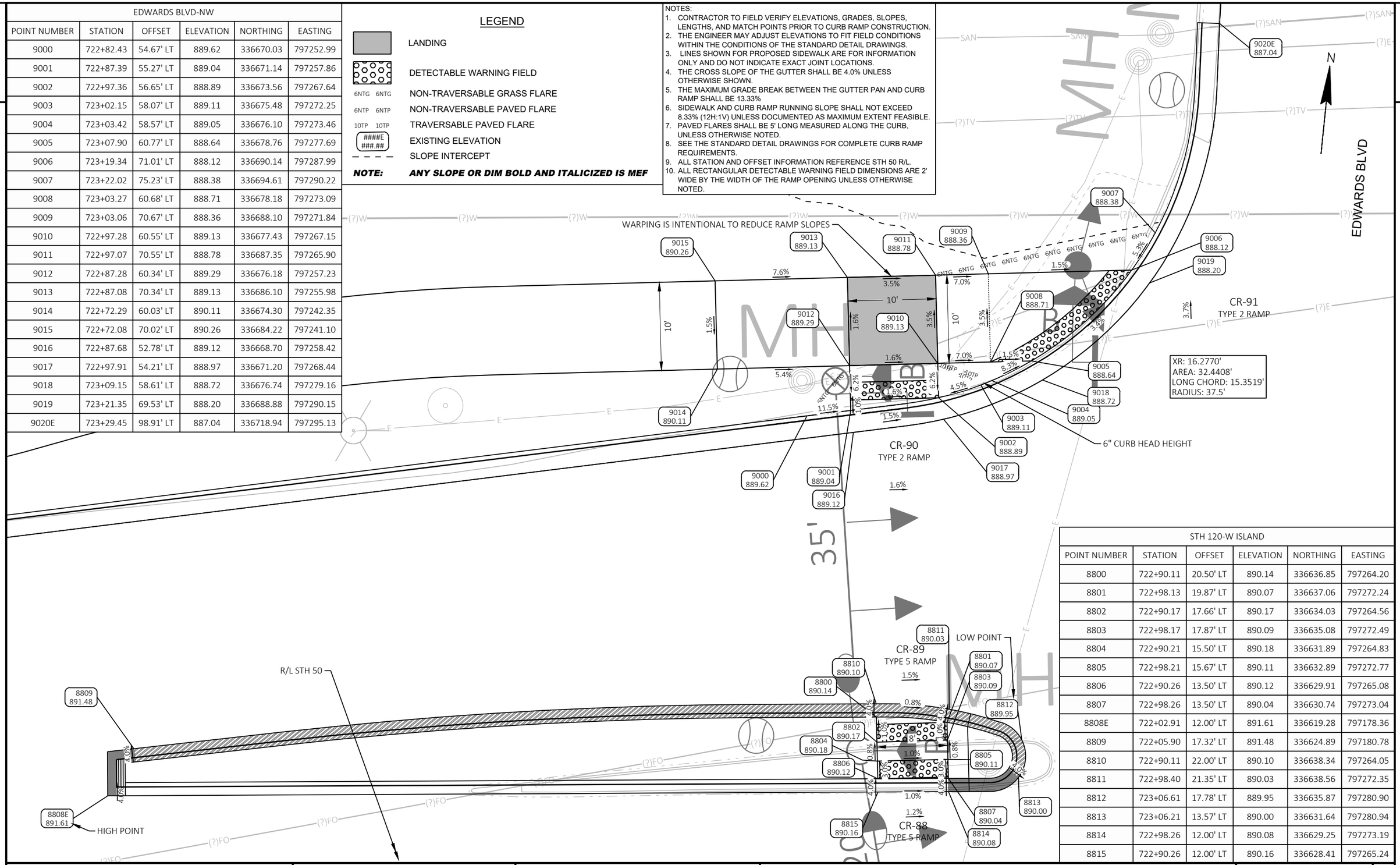
EDWARDS BLVD-NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9000	722+82.43	54.67' LT	889.62	336670.03	797252.99
9001	722+87.39	55.27' LT	889.04	336671.14	797257.86
9002	722+97.36	56.65' LT	888.89	336673.56	797267.64
9003	723+02.15	58.07' LT	889.11	336675.48	797272.25
9004	723+03.42	58.57' LT	889.05	336676.10	797273.46
9005	723+07.90	60.77' LT	888.64	336678.76	797277.69
9006	723+19.34	71.01' LT	888.12	336690.14	797287.99
9007	723+22.02	75.23' LT	888.38	336694.61	797290.22
9008	723+03.27	60.68' LT	888.71	336678.18	797273.09
9009	723+03.06	70.67' LT	888.36	336688.10	797271.84
9010	722+97.28	60.55' LT	889.13	336677.43	797267.15
9011	722+97.07	70.55' LT	888.78	336687.35	797265.90
9012	722+87.28	60.34' LT	889.29	336676.18	797257.23
9013	722+87.08	70.34' LT	889.13	336686.10	797255.98
9014	722+72.29	60.03' LT	890.11	336674.30	797242.35
9015	722+72.08	70.02' LT	890.26	336684.22	797241.10
9016	722+87.68	52.78' LT	889.12	336668.70	797258.42
9017	722+97.91	54.21' LT	888.97	336671.20	797268.44
9018	723+09.15	58.61' LT	888.72	336676.74	797279.16
9019	723+21.35	69.53' LT	888.20	336688.88	797290.15
9020E	723+29.45	98.91' LT	887.04	336718.94	797295.13

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.



STH 120-W ISLAND					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8800	722+90.11	20.50' LT	890.14	336636.85	797264.20
8801	722+98.13	19.87' LT	890.07	336637.06	797272.24
8802	722+90.17	17.66' LT	890.17	336634.03	797264.56
8803	722+98.17	17.87' LT	890.09	336635.08	797272.49
8804	722+90.21	15.50' LT	890.18	336631.89	797264.83
8805	722+98.21	15.67' LT	890.11	336632.89	797272.77
8806	722+90.26	13.50' LT	890.12	336629.91	797265.08
8807	722+98.26	13.50' LT	890.04	336630.74	797273.04
8808E	722+02.91	12.00' LT	891.61	336619.28	797178.36
8809	722+05.90	17.32' LT	891.48	336624.89	797180.78
8810	722+90.11	22.00' LT	890.10	336638.34	797264.05
8811	722+98.40	21.35' LT	890.03	336638.56	797272.35
8812	723+06.61	17.78' LT	889.95	336635.87	797280.90
8813	723+06.21	13.57' LT	890.00	336631.64	797280.94
8814	722+98.26	12.00' LT	890.08	336629.25	797273.19
8815	722+90.26	12.00' LT	890.16	336628.41	797265.24

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - EDWARDS BLVD / STH 120 - NW	SHEET 150	E

EDWARDS BLVD-NE ISLAND					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9200	724+13.45	65.84' LT	886.45	336700.53	797370.25
9201	724+12.05	55.94' LT	886.61	336690.61	797371.50
9202	724+21.31	68.62' LT	885.70	336705.28	797377.10
9203	724+28.83	61.96' LT	885.82	336700.83	797386.10
9204	724+17.59	65.26' LT	886.16	336701.06	797374.39
9205	724+16.19	55.36' LT	886.32	336691.14	797375.65
9206	724+20.85	54.70' LT	886.30	336691.73	797380.31
9207	724+24.32	57.86' LT	886.29	336695.69	797382.83
9208	724+28.03	61.23' LT	885.84	336699.92	797385.52
9209	724+10.98	66.19' LT	886.53	336700.21	797367.77
9210	724+09.60	56.28' LT	886.69	336690.30	797369.05
9211E	724+10.75	50.95' LT	886.83	336685.45	797371.56
9212E	724+38.70	50.00' LT	886.14	336691.89	797398.77
9213	724+41.26	57.07' LT	885.90	336699.38	797399.38
9214	724+30.33	63.95' LT	885.74	336703.15	797387.02
9215	724+23.10	70.36' LT	885.62	336707.43	797378.37
9216	724+22.38	71.12' LT	885.67	336707.98	797377.47
9217	724+19.05	75.03' LT	885.87	336710.87	797373.23
9218	724+11.94	73.12' LT	886.25	336707.16	797366.87

NOTES:
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4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
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6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

EDWARDS BLVD-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9419E	724+41.67	125.05' LT	885.43	336765.08	797381.89
9420	724+39.27	91.36' LT	885.36	336731.95	797388.44
9421	724+41.89	87.67' LT	885.31	336729.08	797391.94
9422	724+48.76	79.90' LT	885.18	336723.38	797400.61
9423	724+97.64	60.00' LT	884.52	336717.05	797453.00

EDWARDS BLVD-NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9400	724+41.90	91.92' LT	885.73	336733.18	797390.83
9401	724+43.88	89.18' LT	885.23	336731.06	797393.46
9402	724+50.50	81.69' LT	885.10	336725.57	797401.82
9403	724+52.69	79.64' LT	885.56	336724.17	797404.47
9404	724+48.32	93.22' LT	885.53	336736.12	797396.68
9405	724+55.05	85.83' LT	885.41	336730.76	797405.12
9406	724+52.75	97.26' LT	885.62	336741.19	797399.89
9407	724+59.49	89.86' LT	885.50	336735.82	797408.33
9408	724+79.34	106.37' LT	884.74	336756.97	797423.15
9409	724+78.51	96.40' LT	884.59	336747.14	797424.97
9410	724+89.31	105.54' LT	884.59	336758.79	797432.98
9411	724+88.48	95.57' LT	884.44	336748.96	797434.80
9412	725+09.20	103.88' LT	883.59	336762.43	797452.61
9413	725+08.53	95.44' LT	883.46	336754.11	797454.19
9414E	725+17.16	103.22' LT	883.47	336763.89	797460.46
9415E	725+16.47	94.83' LT	883.32	336755.61	797462.01
9416	724+36.02	119.61' LT	885.42	336758.34	797377.87
9417	724+42.01	120.06' LT	885.51	336760.36	797383.52
9418E	724+36.00	125.46' LT	885.25	336763.98	797376.31

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - EDWARDS BLVD / STH 120 - NE	SHEET 151	E

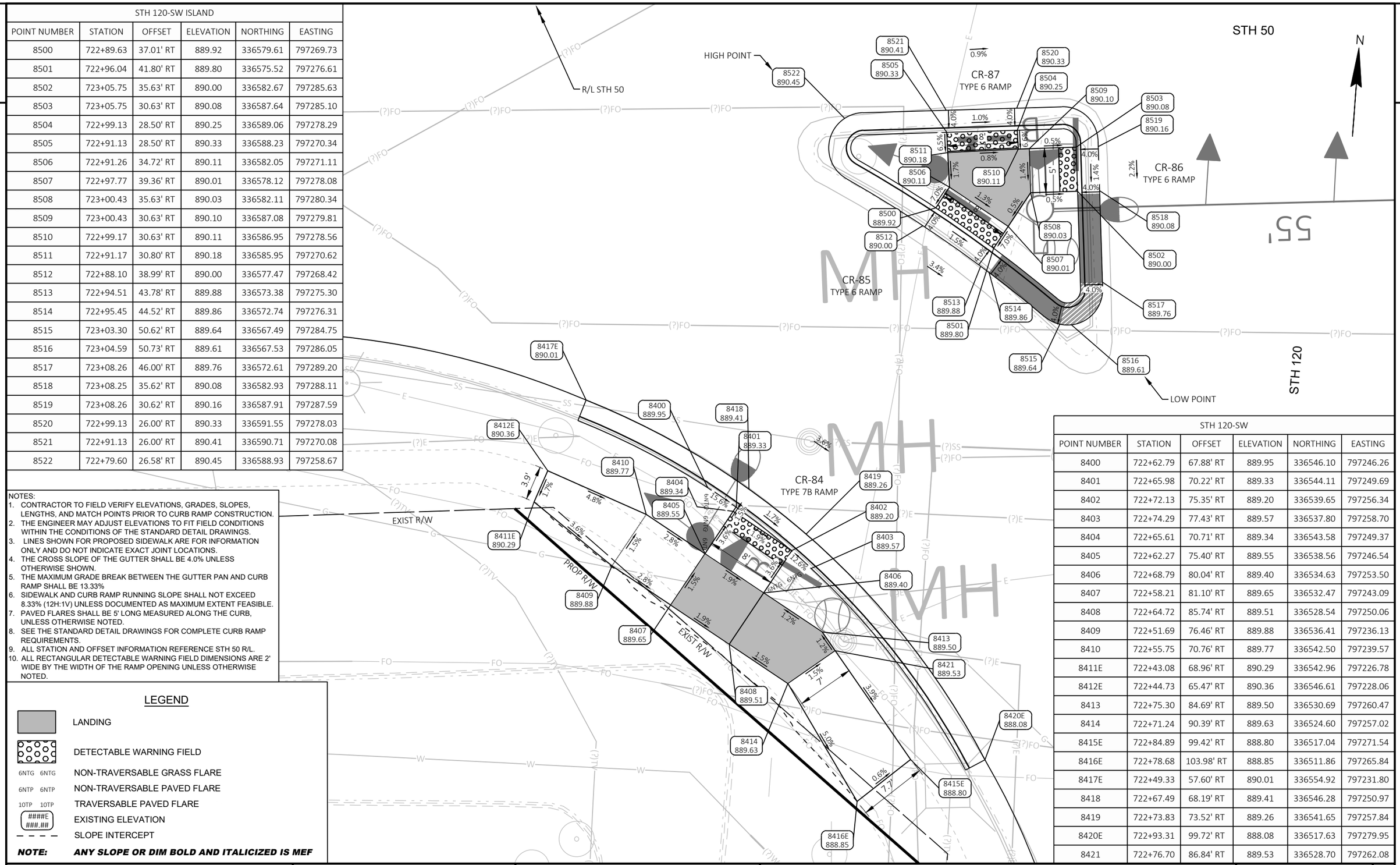
STH 120-SW ISLAND					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8500	722+89.63	37.01' RT	889.92	336579.61	797269.73
8501	722+96.04	41.80' RT	889.80	336575.52	797276.61
8502	723+05.75	35.63' RT	890.00	336582.67	797285.63
8503	723+05.75	30.63' RT	890.08	336587.64	797285.10
8504	722+99.13	28.50' RT	890.25	336589.06	797278.29
8505	722+91.13	28.50' RT	890.33	336588.23	797270.34
8506	722+91.26	34.72' RT	890.11	336582.05	797271.11
8507	722+97.77	39.36' RT	890.01	336578.12	797278.08
8508	723+00.43	35.63' RT	890.03	336582.11	797280.34
8509	723+00.43	30.63' RT	890.10	336587.08	797279.81
8510	722+99.17	30.63' RT	890.11	336586.95	797278.56
8511	722+91.17	30.80' RT	890.18	336585.95	797270.62
8512	722+88.10	38.99' RT	890.00	336577.47	797268.42
8513	722+94.51	43.78' RT	889.88	336573.38	797275.30
8514	722+95.45	44.52' RT	889.86	336572.74	797276.31
8515	723+03.30	50.62' RT	889.64	336567.49	797284.75
8516	723+04.59	50.73' RT	889.61	336567.53	797286.05
8517	723+08.26	46.00' RT	889.76	336572.61	797289.20
8518	723+08.25	35.62' RT	890.08	336582.93	797288.11
8519	723+08.26	30.62' RT	890.16	336587.91	797287.59
8520	722+99.13	26.00' RT	890.33	336591.55	797278.03
8521	722+91.13	26.00' RT	890.41	336590.71	797270.08
8522	722+79.60	26.58' RT	890.45	336588.93	797258.67

NOTES:
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LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

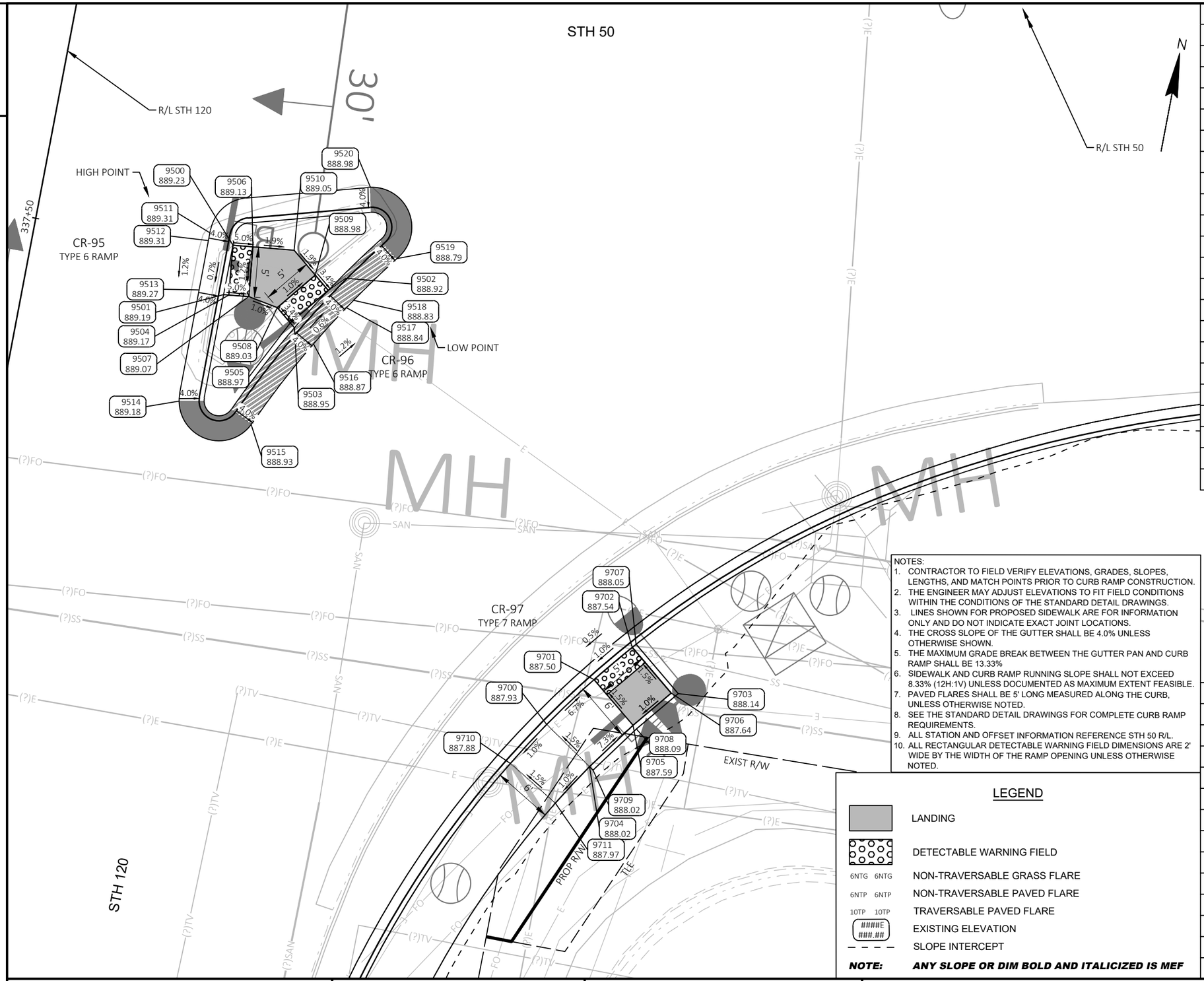
NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***



STH 120-SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
8400	722+62.79	67.88' RT	889.95	336546.10	797246.26
8401	722+65.98	70.22' RT	889.33	336544.11	797249.69
8402	722+72.13	75.35' RT	889.20	336539.65	797256.34
8403	722+74.29	77.43' RT	889.57	336537.80	797258.70
8404	722+65.61	70.71' RT	889.34	336543.58	797249.37
8405	722+62.27	75.40' RT	889.55	336538.56	797246.54
8406	722+68.79	80.04' RT	889.40	336534.63	797253.50
8407	722+58.21	81.10' RT	889.65	336532.47	797243.09
8408	722+64.72	85.74' RT	889.51	336528.54	797250.06
8409	722+51.69	76.46' RT	889.88	336536.41	797236.13
8410	722+55.75	70.76' RT	889.77	336542.50	797239.57
8411E	722+43.08	68.96' RT	890.29	336542.96	797226.78
8412E	722+44.73	65.47' RT	890.36	336546.61	797228.06
8413	722+75.30	84.69' RT	889.50	336530.69	797260.47
8414	722+71.24	90.39' RT	889.63	336524.60	797257.02
8415E	722+84.89	99.42' RT	888.80	336517.04	797271.54
8416E	722+78.68	103.98' RT	888.85	336511.86	797265.84
8417E	722+49.33	57.60' RT	890.01	336554.92	797231.80
8418	722+67.49	68.19' RT	889.41	336546.28	797250.97
8419	722+73.83	73.52' RT	889.26	336541.65	797257.84
8420E	722+93.31	99.72' RT	888.08	336517.63	797279.95
8421	722+76.70	86.84' RT	889.53	336528.70	797262.08

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - EDWARDS BLVD / STH 120 - SW	SHEET 152	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-09c-120
PLOT DATE : 9/29/2026 1:31 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT



NOTES:
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4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- #####E ###.## — EXISTING ELEVATION
- SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***

STH 120-SE ISLAND					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9500	723+73.36	32.32' RT	889.23	336595.28	797357.41
9501	723+72.05	37.17' RT	889.19	336590.25	797357.42
9502	723+82.52	37.57' RT	888.92	336592.63	797367.62
9503	723+78.85	41.03' RT	888.95	336588.33	797364.99
9504	723+72.56	37.26' RT	889.17	336590.31	797357.93
9505	723+78.47	40.50' RT	888.97	336588.73	797364.49
9506	723+75.34	32.64' RT	889.13	336595.49	797359.40
9507	723+74.54	37.58' RT	889.07	336590.52	797359.92
9508	723+77.29	38.89' RT	889.03	336589.98	797362.93
9509	723+81.34	35.95' RT	888.98	336593.88	797366.06
9510	723+79.42	33.31' RT	889.05	336595.92	797363.51
9511	723+71.16	30.90' RT	889.31	336596.07	797354.91
9512	723+70.95	31.67' RT	889.31	336595.27	797354.91
9513	723+69.64	36.52' RT	889.27	336590.25	797354.92
9514	723+66.76	47.44' RT	889.18	336578.96	797355.02
9515	723+73.78	50.34' RT	888.93	336578.01	797362.55
9516	723+80.62	42.78' RT	888.87	336587.10	797367.16
9517	723+84.18	39.43' RT	888.84	336591.27	797369.72
9518	723+84.94	38.76' RT	888.83	336592.12	797370.27
9519	723+89.59	34.94' RT	888.79	336597.02	797373.75
9520	723+87.52	27.63' RT	888.98	336603.53	797369.83

STH 120-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9700	724+00.91	82.52' RT	887.93	336554.10	797397.19
9701	724+05.97	78.42' RT	887.50	336559.39	797401.00
9702	724+10.02	75.51' RT	887.54	336563.26	797404.14
9703	724+14.26	80.48' RT	888.14	336559.59	797409.53
9704	724+04.84	87.05' RT	888.02	336550.76	797402.17
9705	724+09.49	83.27' RT	887.59	336555.63	797405.67
9706	724+13.56	80.36' RT	887.64	336559.51	797408.83
9707	724+10.44	75.21' RT	888.05	336563.66	797404.46
9708	724+09.80	83.67' RT	888.09	336555.33	797406.07
9709	724+05.16	87.44' RT	888.02	336550.48	797402.58
9710	723+96.98	86.12' RT	887.88	336549.59	797394.35
9711	724+01.15	90.43' RT	887.97	336546.53	797399.50

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - STH 120/EDWARDS BLVD - SE	SHEET 153	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\021305-CR-70.DWG
LAYOUT NAME - 05-09d-120
PLOT DATE : 9/29/2026 1:32 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT

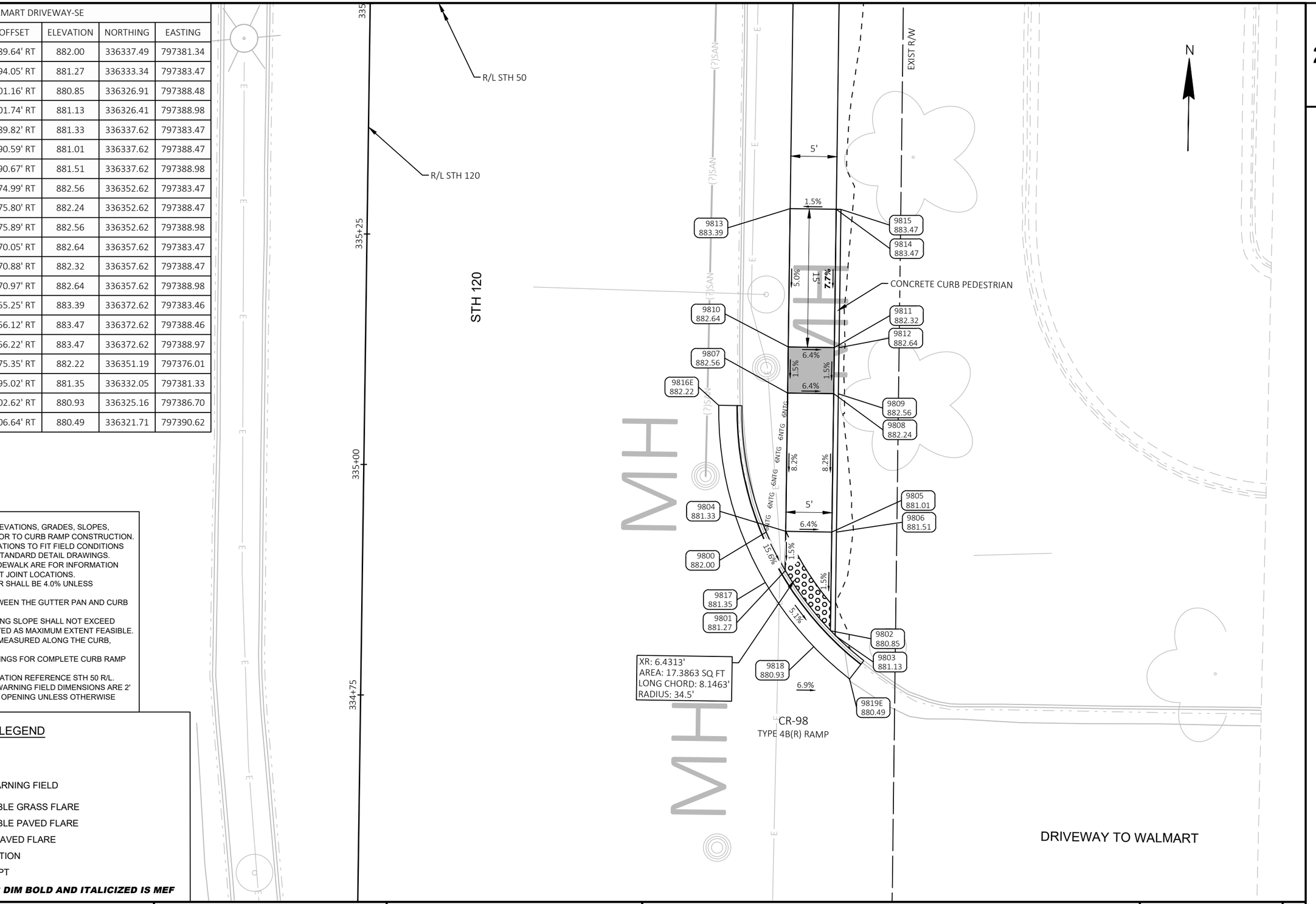
WALMART DRIVEWAY-SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9800	723+65.19	289.64' RT	882.00	336337.49	797381.34
9801	723+65.19	294.05' RT	881.27	336333.34	797383.47
9802	723+65.19	301.16' RT	880.85	336326.91	797388.48
9803	723+65.19	301.74' RT	881.13	336326.41	797388.98
9804	723+65.19	289.82' RT	881.33	336337.62	797383.47
9805	723+65.19	290.59' RT	881.01	336337.62	797388.47
9806	723+65.19	290.67' RT	881.51	336337.62	797388.98
9807	723+65.19	274.99' RT	882.56	336352.62	797383.47
9808	723+65.19	275.80' RT	882.24	336352.62	797388.47
9809	723+65.19	275.89' RT	882.56	336352.62	797388.98
9810	723+65.19	270.05' RT	882.64	336357.62	797383.47
9811	723+65.19	270.88' RT	882.32	336357.62	797388.47
9812	723+65.19	270.97' RT	882.64	336357.62	797388.98
9813	723+65.19	255.25' RT	883.39	336372.62	797383.46
9814	723+65.19	256.12' RT	883.47	336372.62	797388.46
9815	723+65.19	256.22' RT	883.47	336372.62	797388.97
9816E	723+65.19	275.35' RT	882.22	336351.19	797376.01
9817	723+65.19	295.02' RT	881.35	336332.05	797381.33
9818	723+65.19	302.62' RT	880.93	336325.16	797386.70
9819E	723+65.19	306.64' RT	880.49	336321.71	797390.62

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCH POINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4.0% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 13.33%
6. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V) UNLESS DOCUMENTED AS MAXIMUM EXTENT FEASIBLE.
7. PAVED FLARES SHALL BE 5' LONG MEASURED ALONG THE CURB, UNLESS OTHERWISE NOTED.
8. SEE THE STANDARD DETAIL DRAWINGS FOR COMPLETE CURB RAMP REQUIREMENTS.
9. ALL STATION AND OFFSET INFORMATION REFERENCE STH 50 R/L.
10. ALL RECTANGULAR DETECTABLE WARNING FIELD DIMENSIONS ARE 2' WIDE BY THE WIDTH OF THE RAMP OPENING UNLESS OTHERWISE NOTED.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- 6NTG 6NTG — NON-TRAVERSABLE GRASS FLARE
- 6NTP 6NTP — NON-TRAVERSABLE PAVED FLARE
- 10TP 10TP — TRAVERSABLE PAVED FLARE
- ####E / ###.## — EXISTING ELEVATION
- — — — — SLOPE INTERCEPT

NOTE: ***ANY SLOPE OR DIM BOLD AND ITALICIZED IS MEF***



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CURB RAMP DETAILS - STH 120 WALMART DWY-NE	SHEET 154	E

2

2

N

FOREST ST

PEARSON DR

SKY LN

EXIST R/W

R/L STH 50

616

618

620

622

624

626

STH 50

SNAKE RD

BEGIN PROJECT ID 3170-09-71
STA 618+50.00 R/L STH 50

LAKE VIEW DR

ADD TWO (2) INLET PROTECTIONS TYPE C AT INTERSECTION OF LAKE VIEW DR AND LAKEWOOD DR

TLE

MATCH LINE STA 629+50

MATCH LINE STA 644+00

LEGEND

- EROSION MAT URBAN CLASS I TYPE B, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- EROSION MAT CLASS III TYPE D, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- SOD LAWN, SALVAGED TOPSOIL, SOD WATER
- CURB RAMP GRADING, SHAPING, FINISHING
- SILT FENCE
- EROSION BALES
- RIPRAP MEDIUM
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE X)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SILT FENCE RELIEF
- SURFACE WATER FLOW

LINDA LN

ELMWOOD AVE

630

632

634

636

638

640

642

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 155	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01-ec

PLOT DATE : 9/28/2026 9:13 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE STA 644+00

EXIST R/W

STH 50

MAXWELL ST

WARREN ST

MADISON ST

R/L STH 50

EXIST R/W

EXIST R/W

EXIST R/W

MATCH LINE STA 658+00

END PAVEMENT REPLACEMENT
BEGIN RESURFACING
STA 652+49.42

N

640 648 650 652 654 656 658

LEGEND

- EROSION MAT URBAN CLASS I TYPE B, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- EROSION MAT CLASS III TYPE D, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- SOD LAWN, SALVAGED TOPSOIL, SOD WATER
- CURB RAMP GRADING, SHAPING, FINISHING
- SILT FENCE
- EROSION BALES
- RIPRAP MEDIUM
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE X)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SILT FENCE RELIEF
- SURFACE WATER FLOW

MATCH LINE STA 658+00

EXIST R/W

COOK ST

BROAD ST

CENTER ST

EXIST R/W

EXIST R/W

EXIST R/W

MATCH LINE STA 673+00

STH 50

N

660 662 664 666 668 670 672

END RESURFACING
BEGIN PAVEMENT REPLACEMENT
STA 660+97.54

R/L STH 50

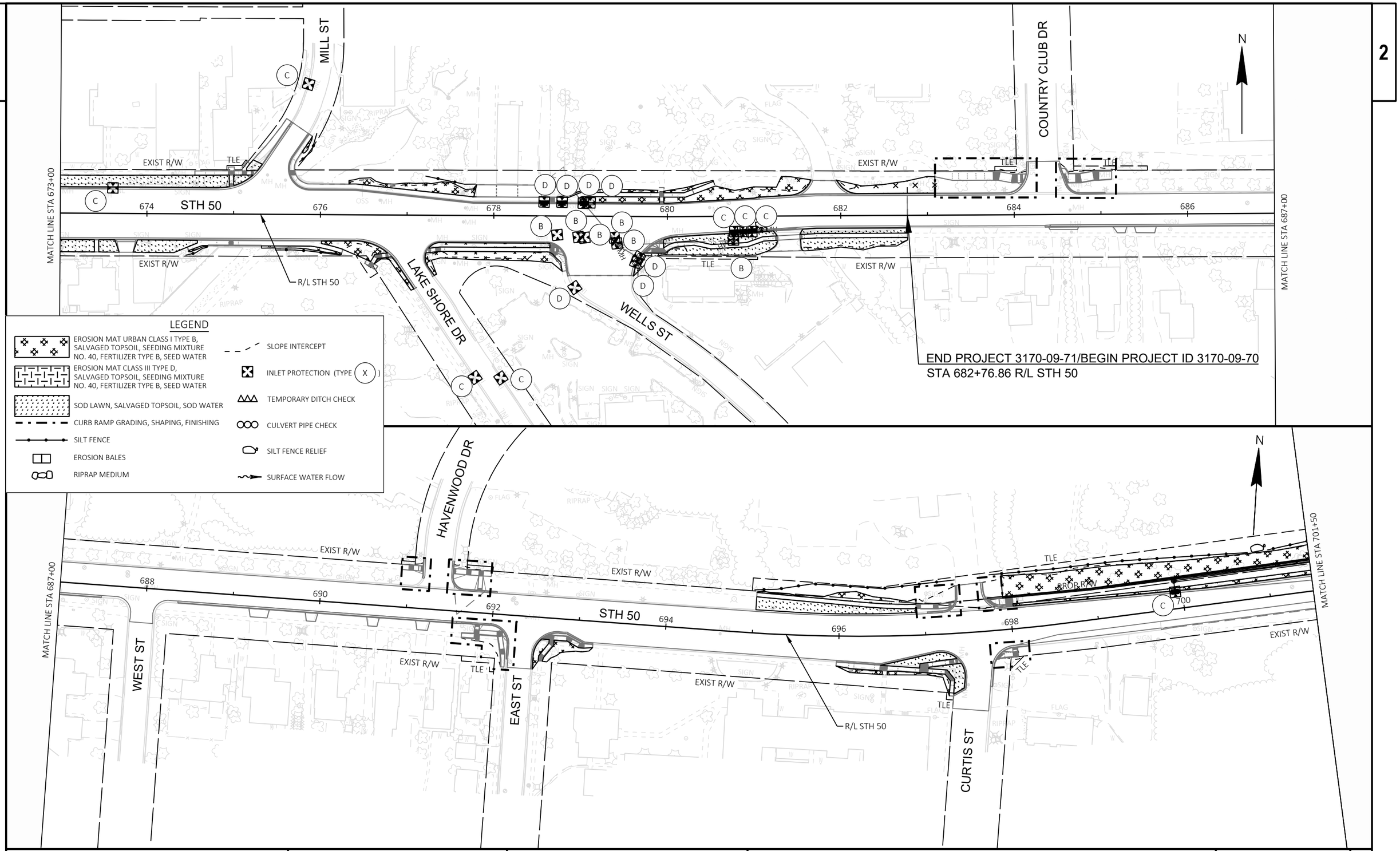
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 156	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 02-ec

PLOT DATE : 9/28/2026 9:13 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 157	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 03-ec

PLOT DATE : 9/28/2026 9:13 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

WETLAND BOUNDARY

TLE PLE TLE

R/L STH 50

PROP R/W

EXIST R/W

MATCH LINE STA 701+50

MATCH LINE STA 716+00

MATCH LINE STA 731+00

STH 50

WEST DR

EDWARDS BLVD

LOCKWOOD BLVD

PELLER RD

EAST DR

STH 120

USH 12 (EB) ON RAMP

BARRIER SYSTEM GRADING
SHAPING FINISHING

R/L STH 120

INSTALL INLET PROTECTION TYPE C AT APPROXIMATELY STA 332+85, 37' RT

LEGEND

- EROSION MAT URBAN CLASS I TYPE B, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- EROSION MAT CLASS III TYPE D, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- SOD LAWN, SALVAGED TOPSOIL, SOD WATER
- CURB RAMP GRADING, SHAPING, FINISHING
- SILT FENCE
- EROSION BALES
- RIPRAP MEDIUM
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE X)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SILT FENCE RELIEF
- SURFACE WATER FLOW

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 158	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 04-ec

PLOT DATE : 9/28/2026 9:13 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

WETLAND BOUNDARY

USH 12 (EB) OFF RAMP

STH 50

R/L STH 50

USH 12 (WB) OFF RAMP

USH 12 (WB) OFF RAMP

USH 12 (WB) ON RAMP

N

MATCH LINE STA 731+00

MATCH LINE STA 745+50

732 734 736 738 740 742 744

B C

USH 12 (EB) ON RAMP

USH 12 (EB) OFF RAMP

USH 12 (EB)

USH 12 (WB)

EXIST R/W

GRAND GENEVA WAY

EXIST R/W

N

USH 12 (WB) ON RAMP

R/L STH 50

STH 50

MATCH LINE STA 745+50

746 748 750 752 754 756 758 760

B

END PROJECT 3170-09-70
STA 750+73.69 R/L STH 50

RIPRAP

EXIST R/W

U/C

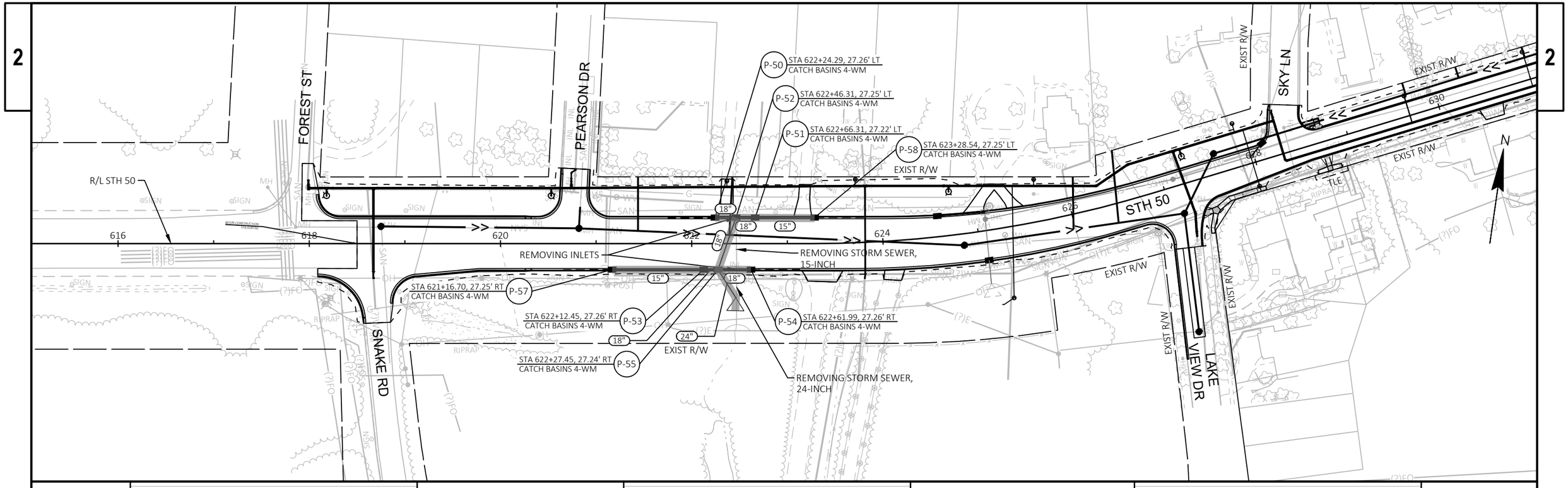
LEGEND

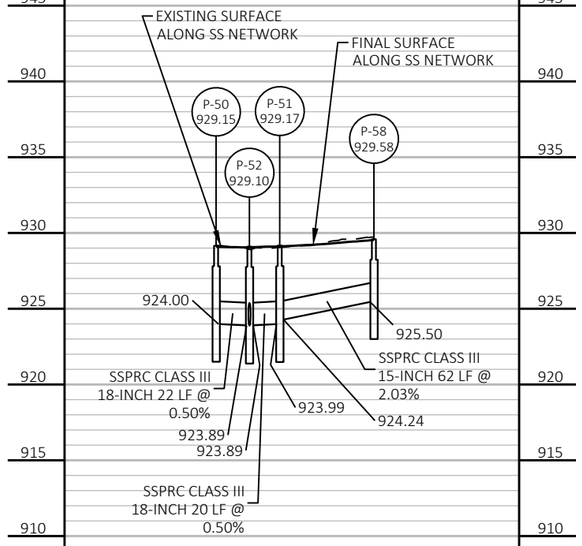
- EROSION MAT URBAN CLASS I TYPE B, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- EROSION MAT CLASS III TYPE D, SALVAGED TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, SEED WATER
- SOD LAWN, SALVAGED TOPSOIL, SOD WATER
- CURB RAMP GRADING, SHAPING, FINISHING
- SILT FENCE
- EROSION BALES
- RIPRAP MEDIUM
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE X)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SILT FENCE RELIEF
- SURFACE WATER FLOW

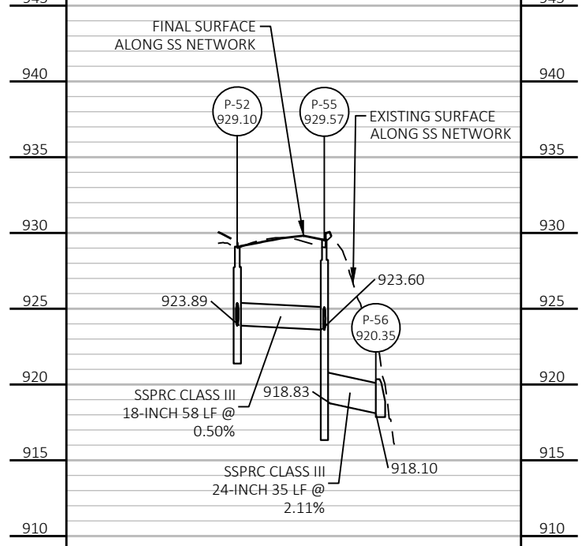
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	EROSION CONTROL	SHEET 159	E

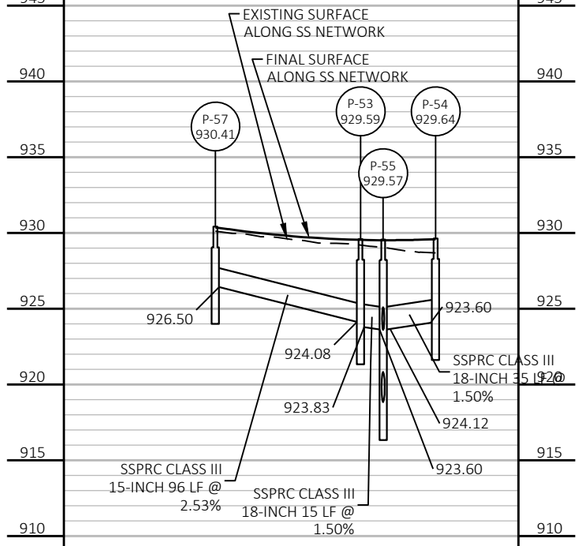
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 05-ec

PLOT DATE : 9/28/2026 9:13 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

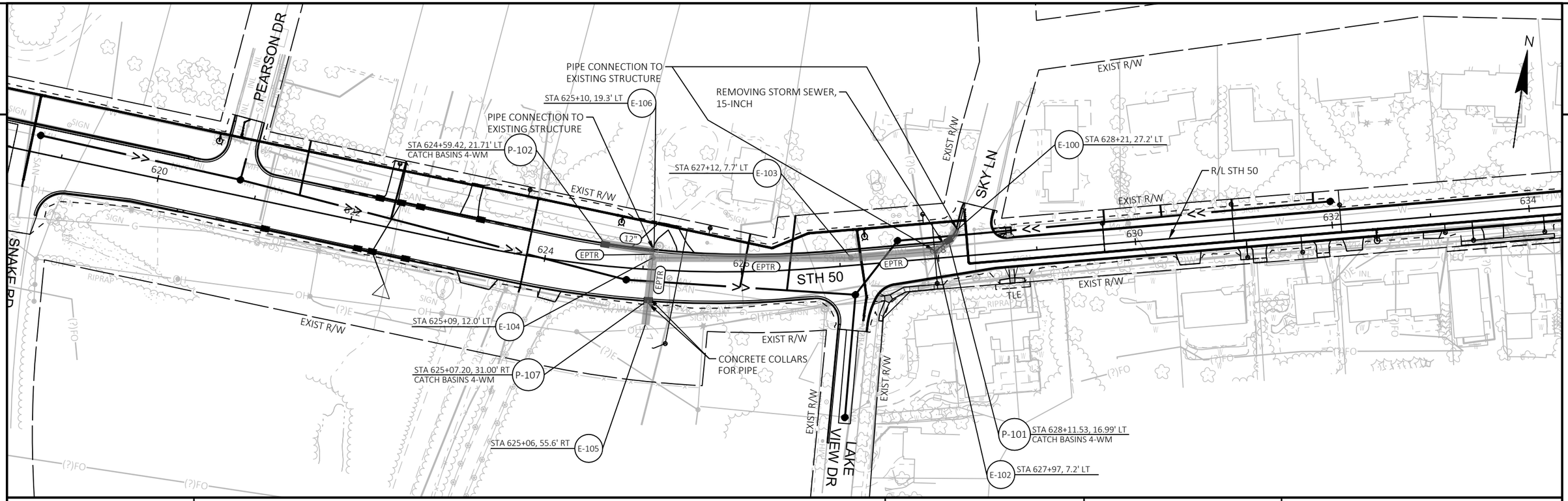


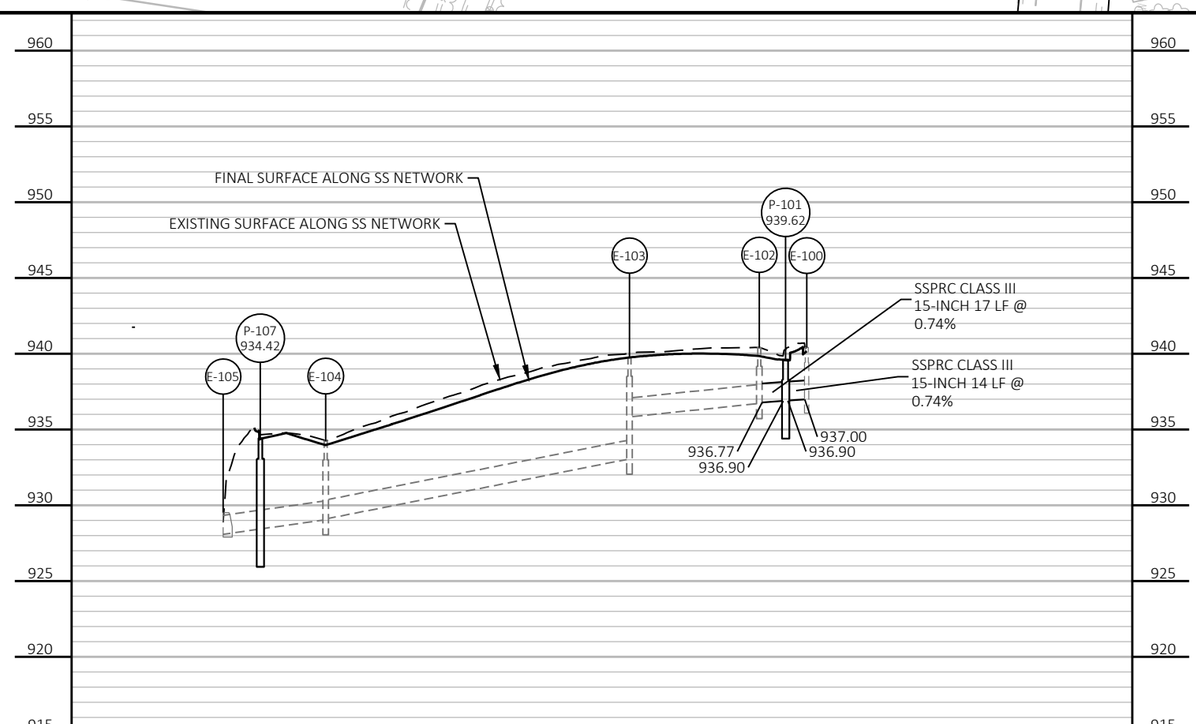


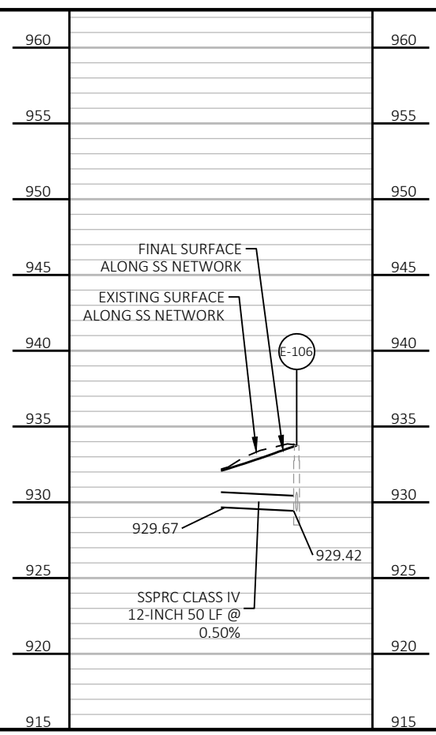




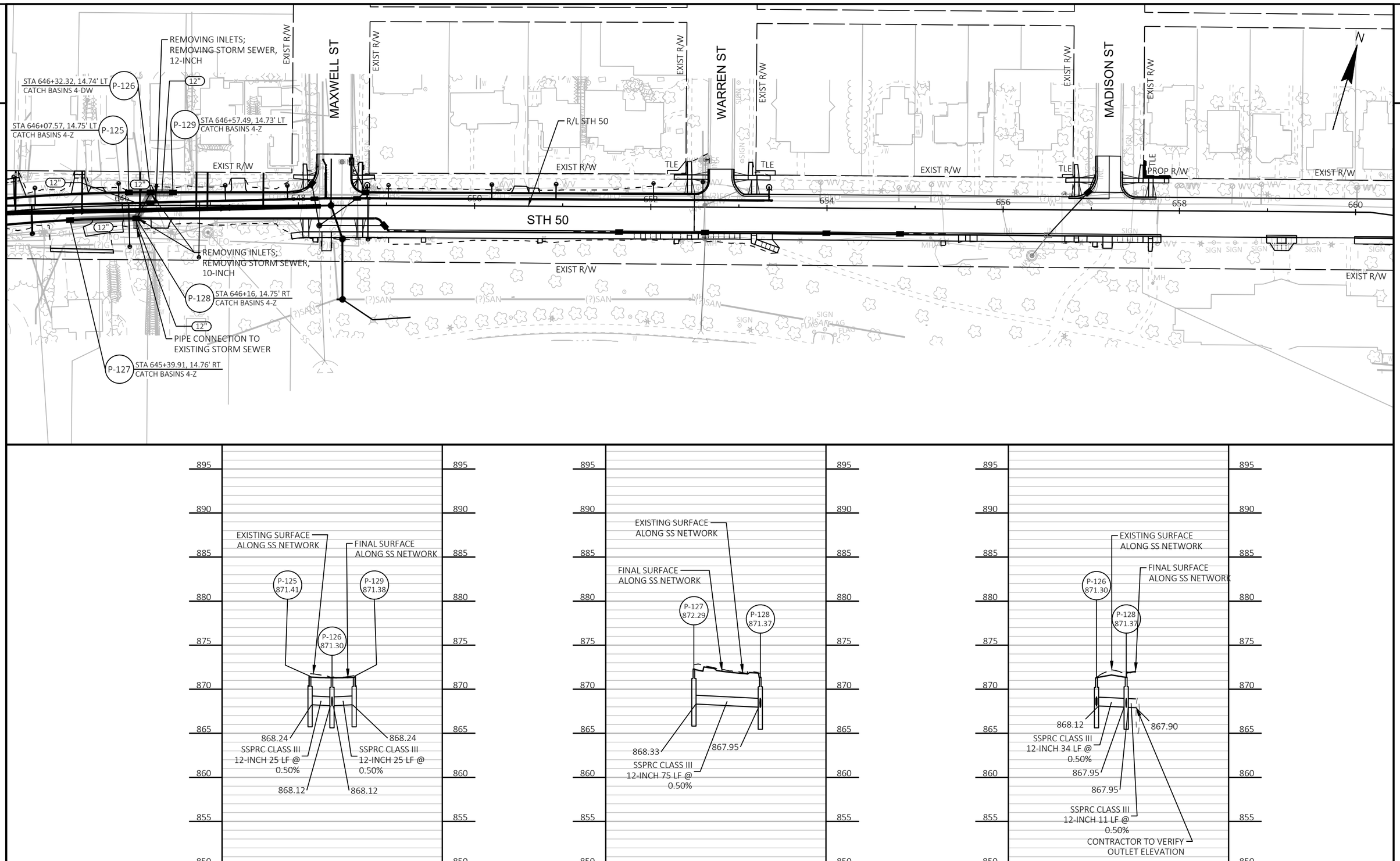
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 160	E





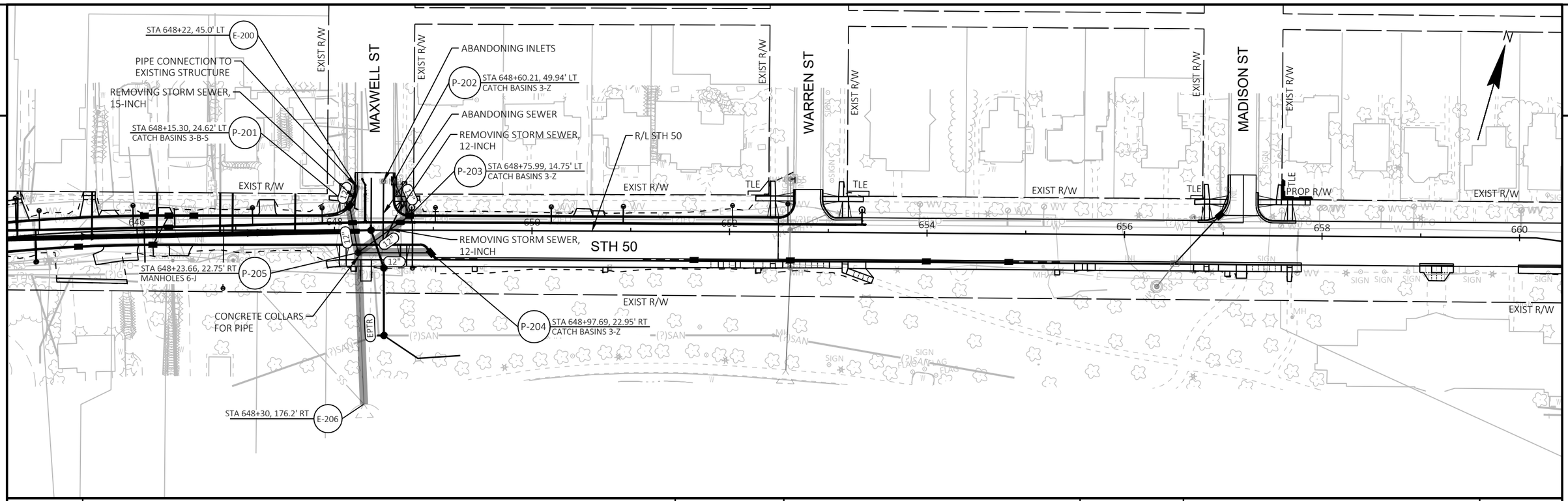


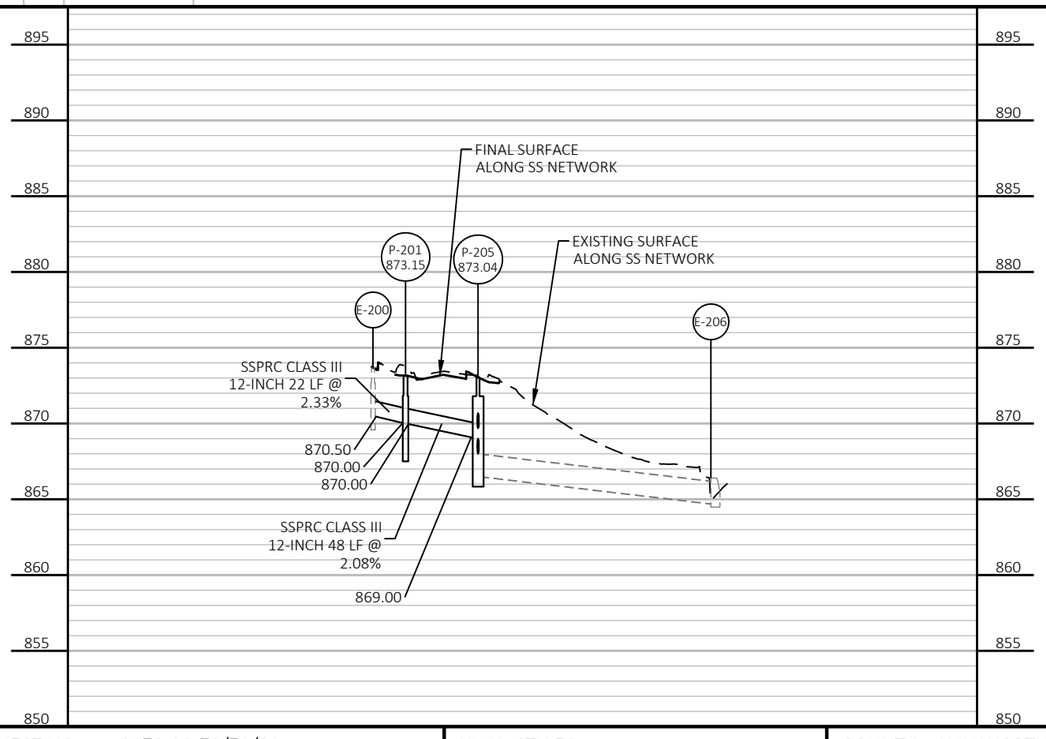
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 161	E

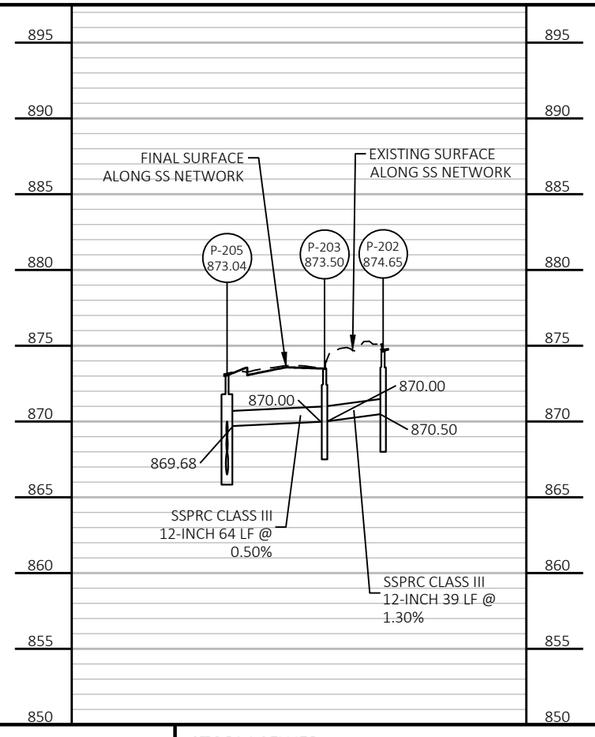


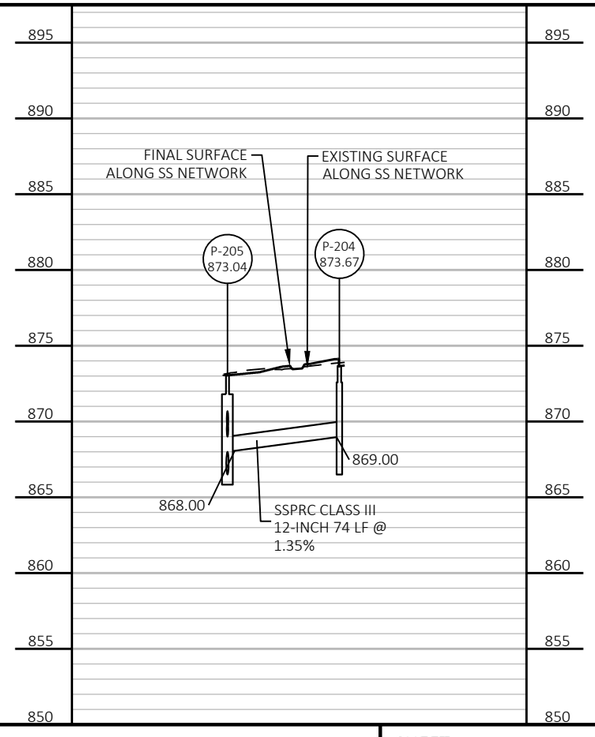
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 162 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 01.5-ss-SkyMaxwell
PLOT DATE : 7/31/2026 11:16 AM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44







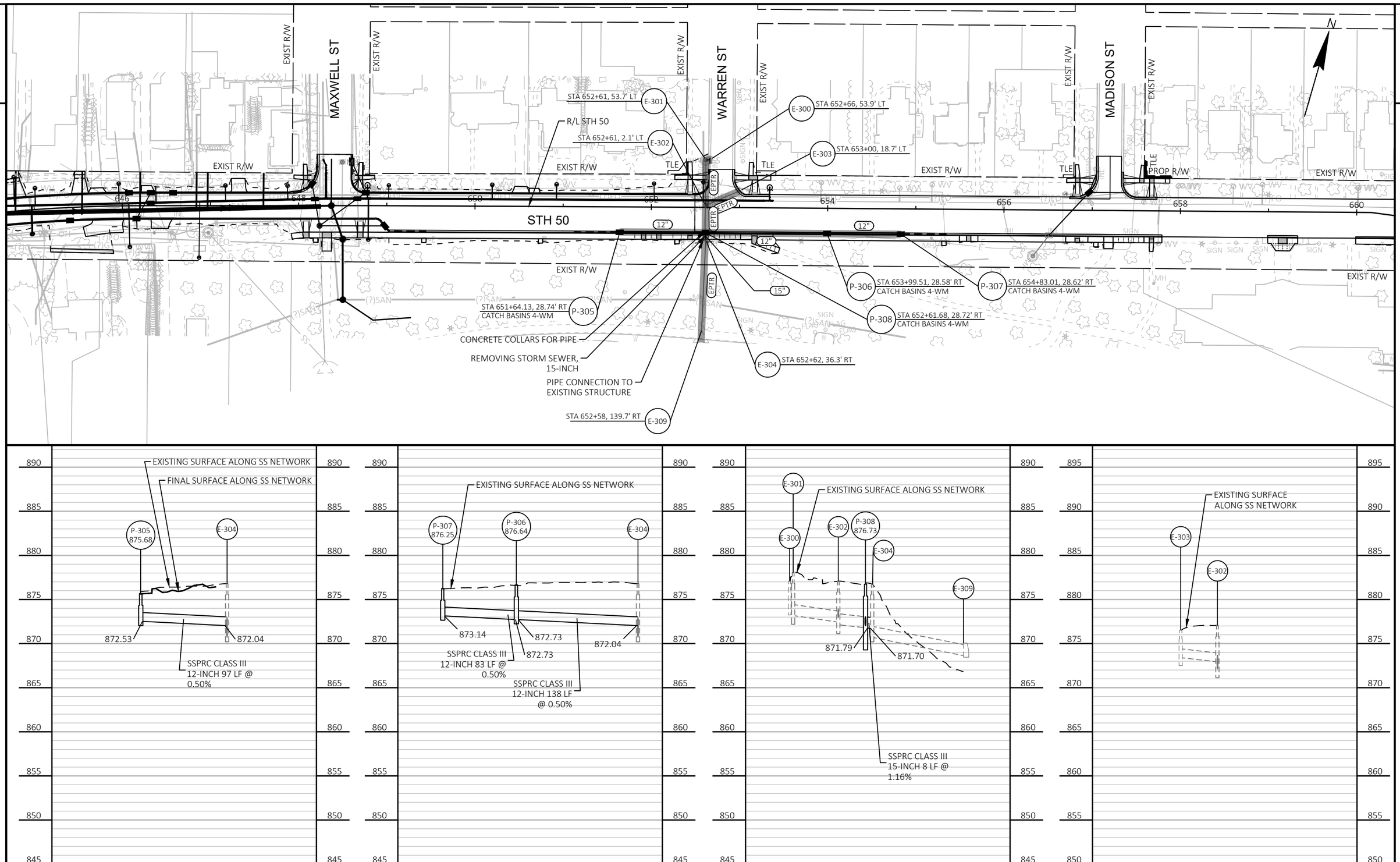


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 163	E

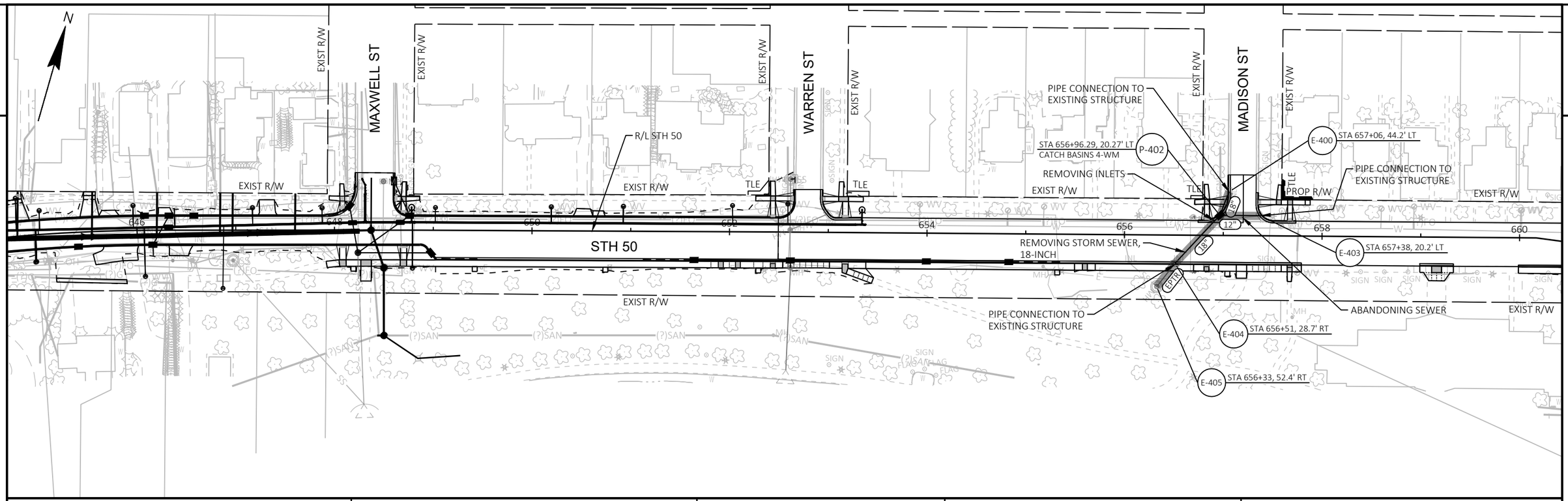
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 02-ss-Maxwell

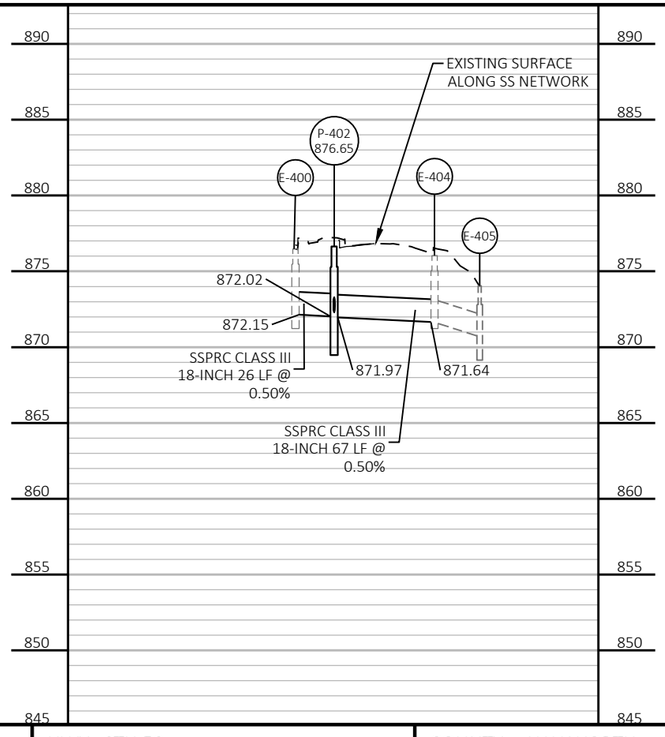
PLOT DATE : 7/31/2026 11:17 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

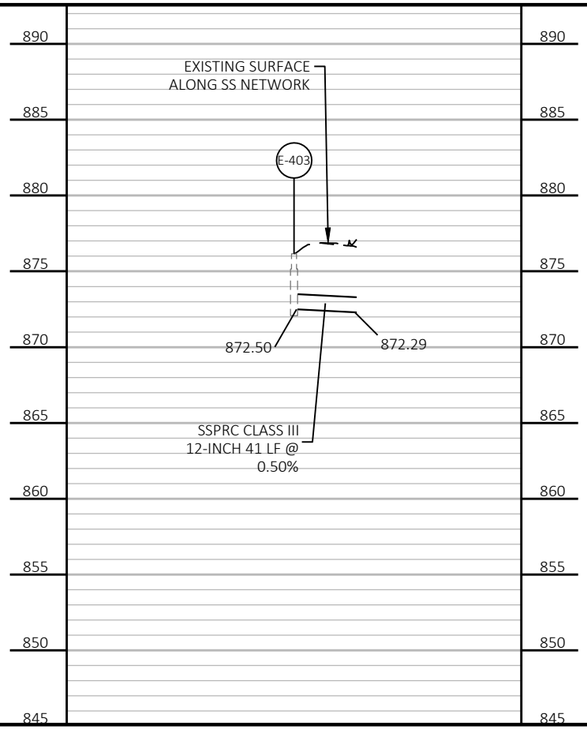
WISDOT/CADDS SHEET 44



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 164 E





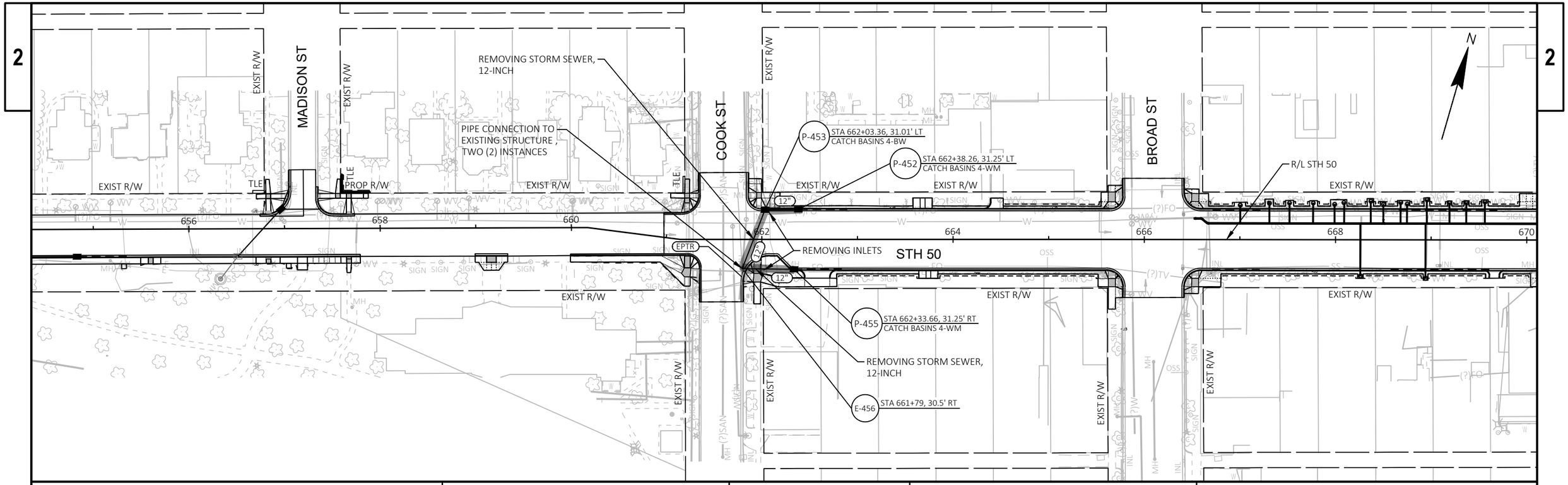


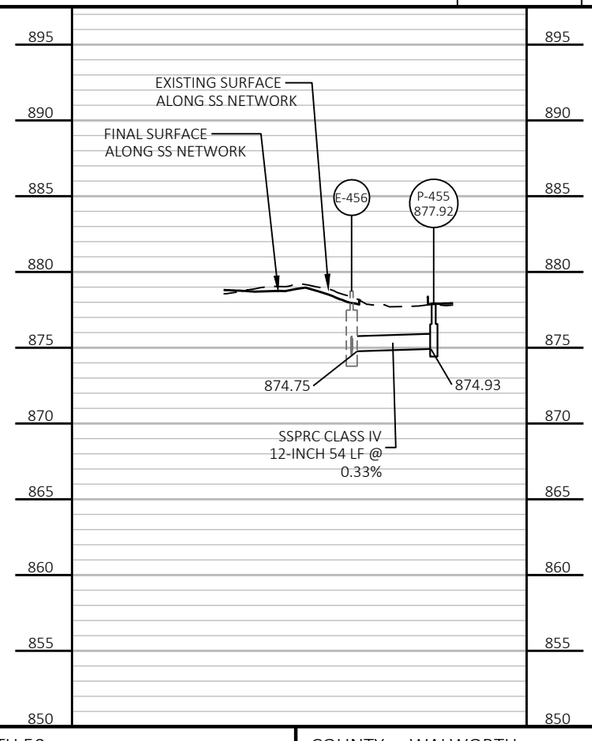
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 165	E

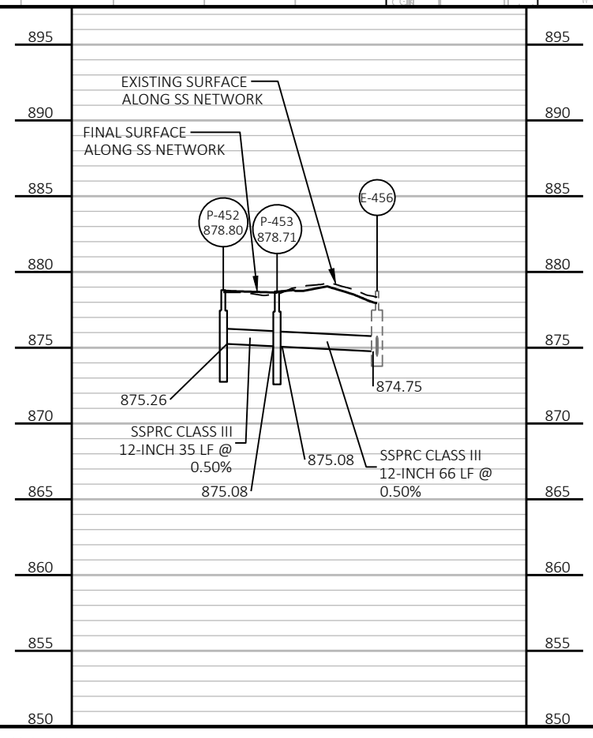
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 04-ss-Madison

PLOT DATE : 7/31/2026 11:17 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

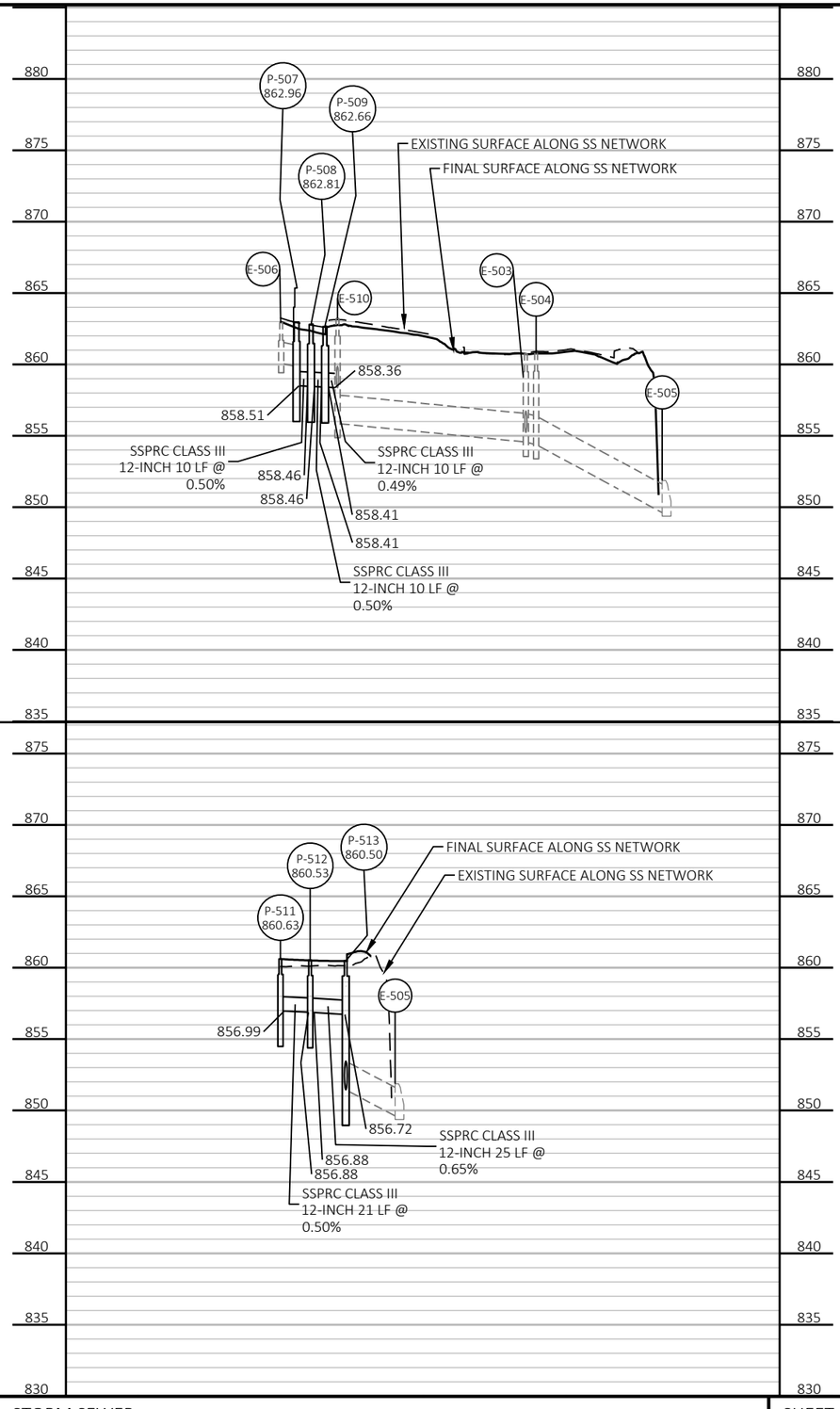






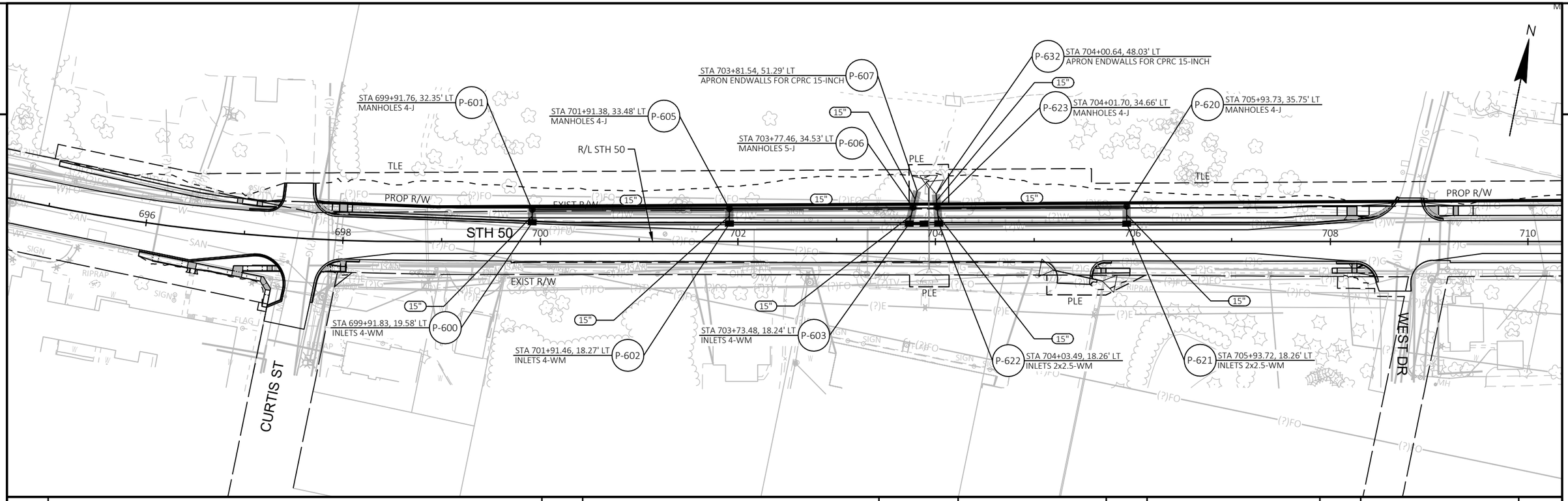
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 166	E

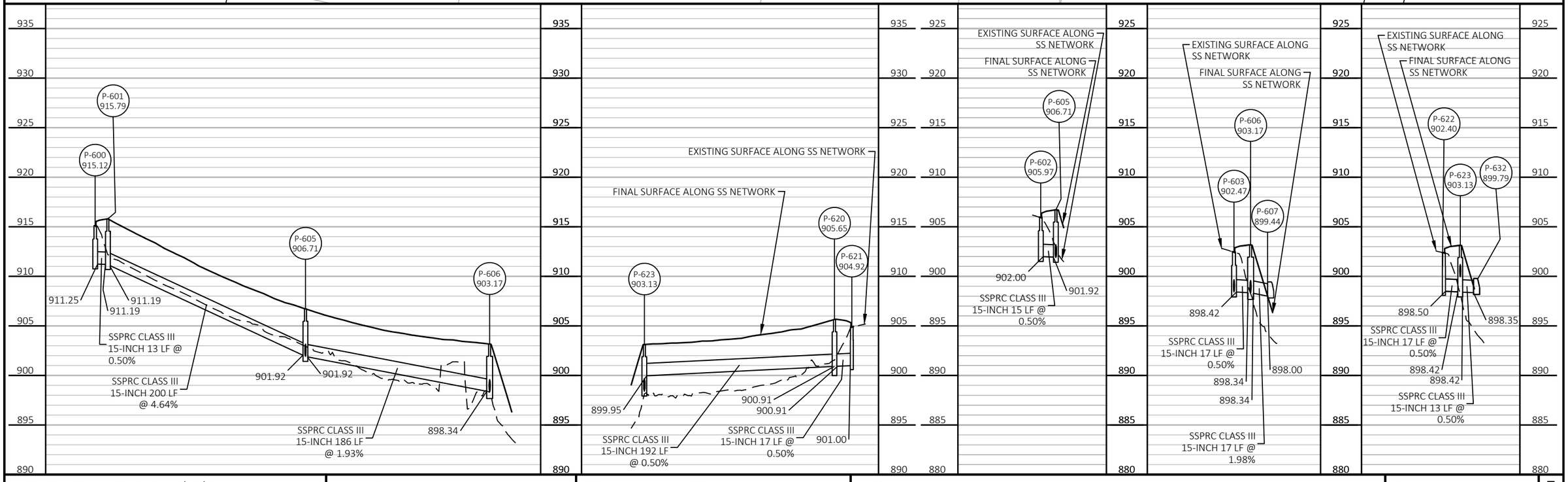




2

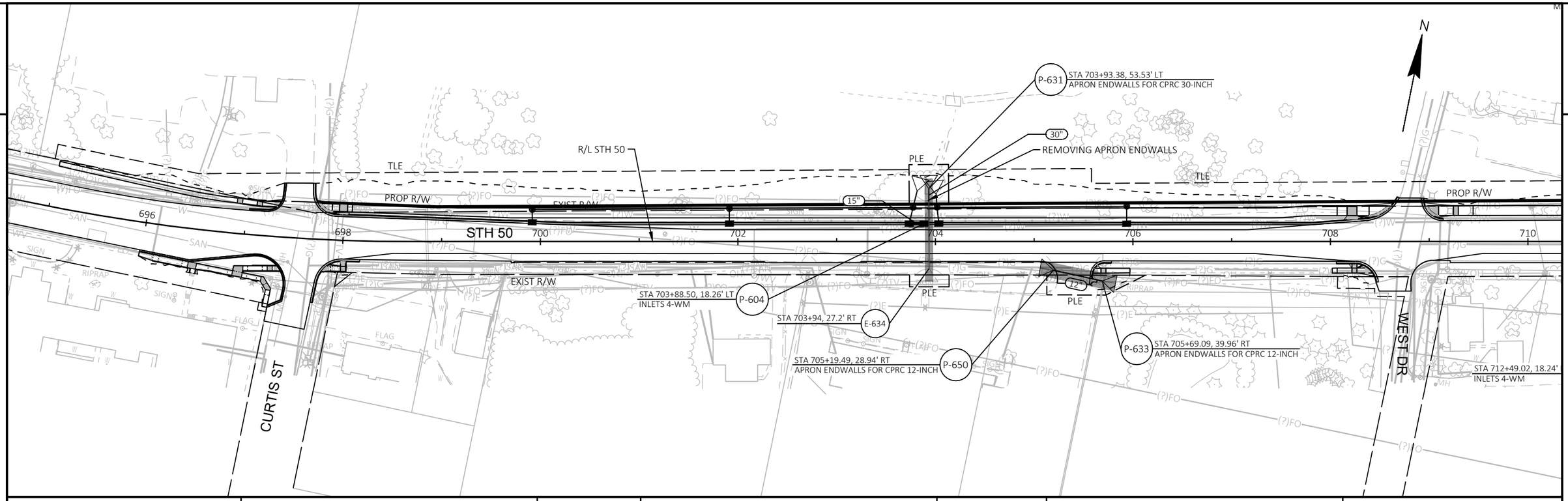
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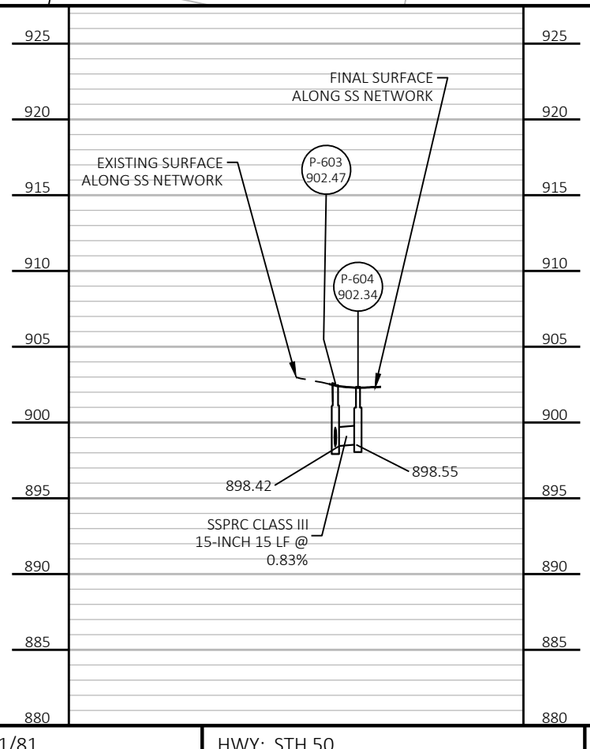


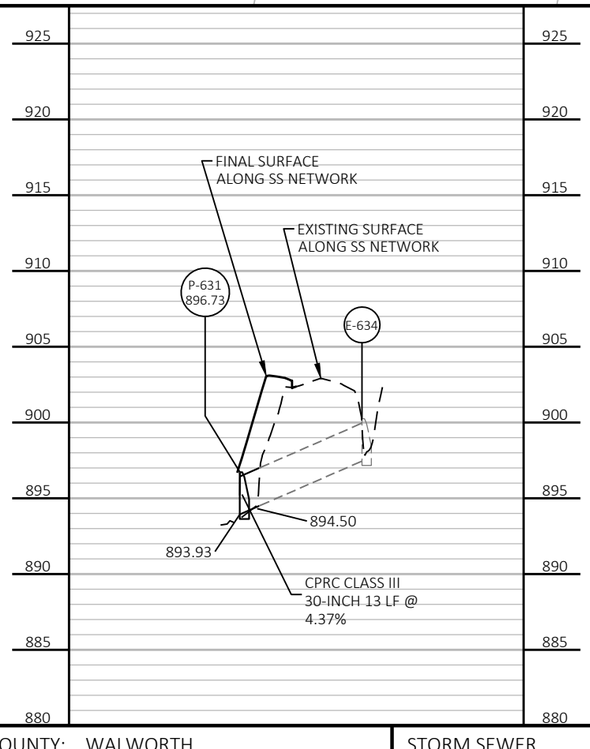


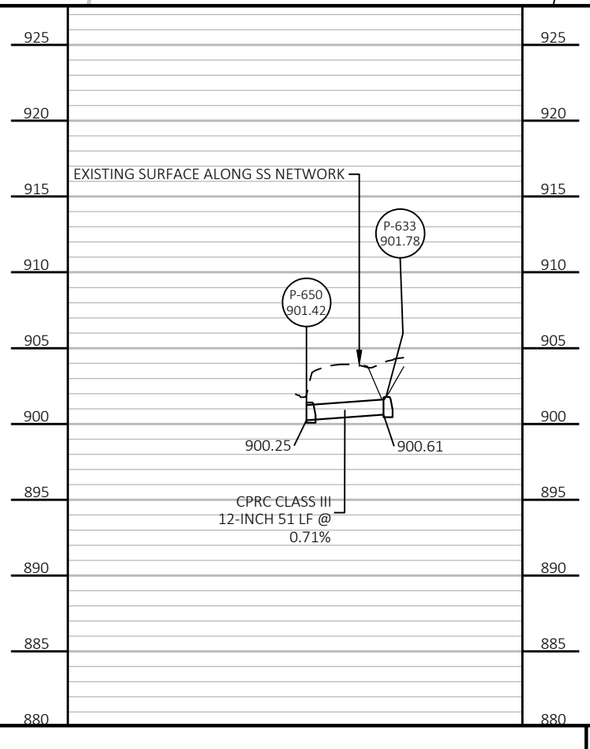
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2

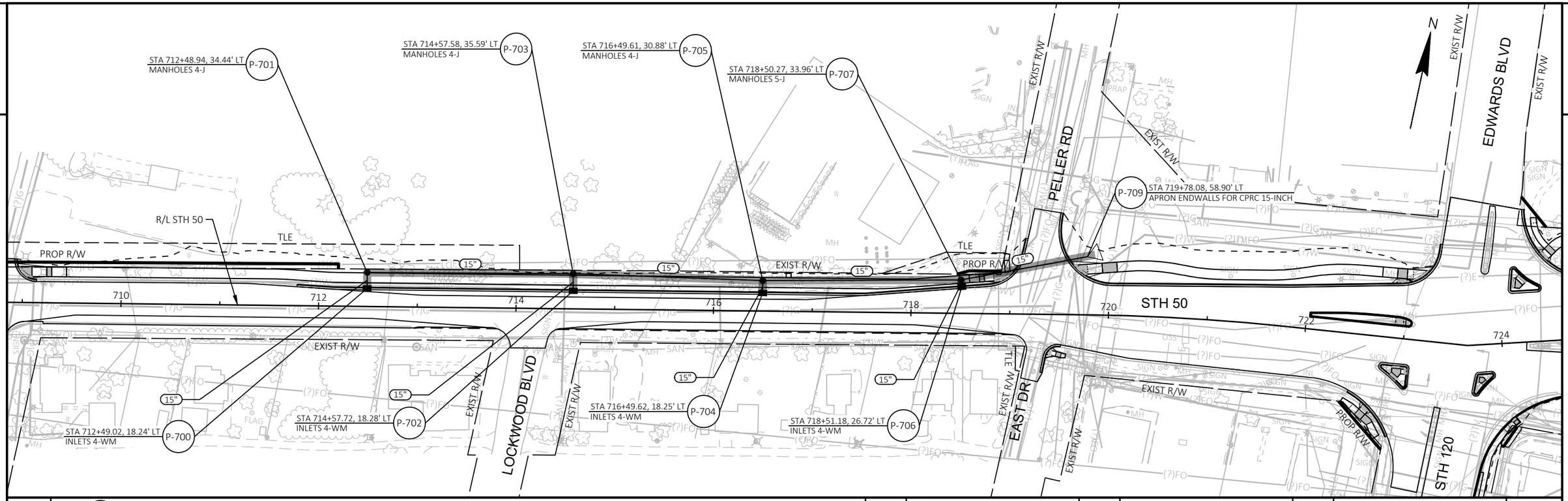


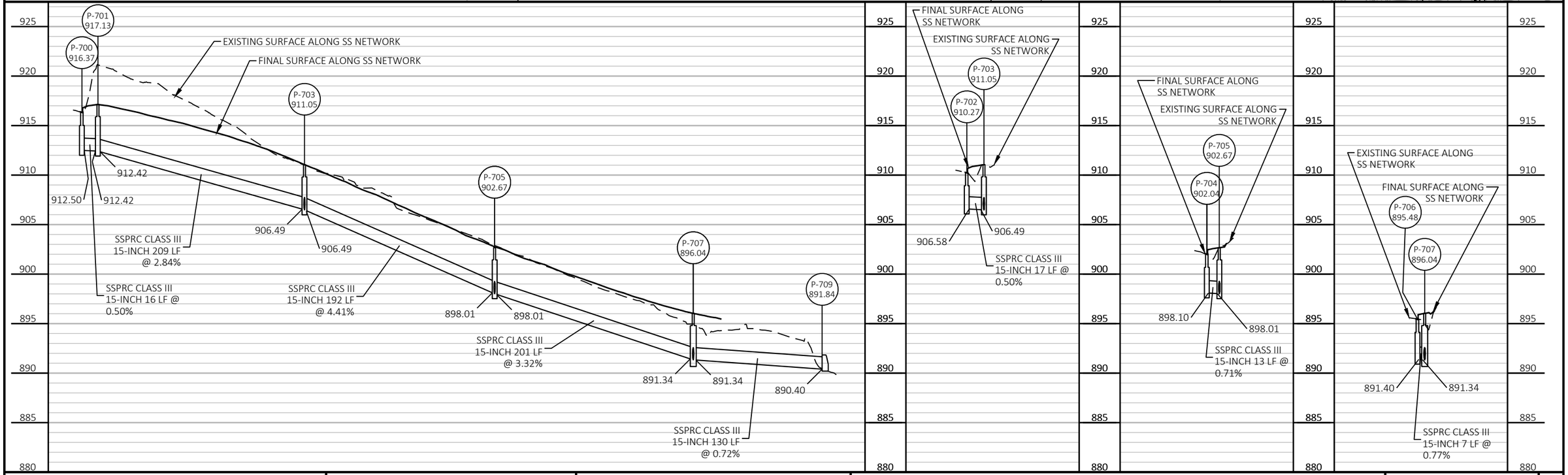






PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 169	E





PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	STORM SEWER	SHEET 170	E

NOTE: SANITARY AND WATER LATERALS SHALL BE CONNECTED AT THE EARLIEST CLEAN POINT

TOWN OF GENEVA

CONNECT TO EXISTING WATERMAIN (10 INCH)
STA. 617+99.00, -66.00'LT
ELEVATION TO BE VERIFIED IN FIELD

VALVE & BOX 10 INCH
617+99.00, -66.00'LT

REDUCER 16 INCH X 10 INCH
617+99.00, -62.00'LT

TEE 16 INCH X 16 INCH
617+99.00, -58.00'LT

PLUG 16 INCH
617+99.00, -57.00'LT

FOREST ST

ZP 00013
MARY WICKLUND
GERALDINE BIGGS, ETAL
115 FOREST ST

ZP 00014
MARY WICKLUND
GERALDINE BIGGS, ETAL
115 FOREST ST

HYDRANT
STA. 618+18.00, 50.00' LT

VALVE & BOX 6 INCH
618+18.00, -54.00'LT

TEE 16 INCH X 6 INCH
618+18.00, -58.00'LT
6 IN. D.I.P.

TEE 16 INCH X 16 INCH
618+67.00, -58.00'LT

VALVE & BOX 16 INCH
618+71.00, -58.00'LT

VALVE & BOX 16 INCH
618+24.39, -57.96'LT

2 - CONNECT TO EXISTING SANITARY SEWER

BEGIN CONSTRUCTION
STA 618+50

STH 50

8.0'

614+00 615+00 616+00 617+00 618+00 619+00

PJ5006
SAN. SEWER MH (48 IN)
STA = 618+75.00 @ 18.00' LT

REDUCER 16 INCH X 8 INCH
618+67.00, 30.00'RT

16 INCH D.I.P.

8 IN. D.I.P.

VALVE & BOX 8 INCH
618+67.00, 36.00'RT

CONNECT TO EXISTING WATERMAIN (8 INCH)
STA. 618+67.00, 36.00'RT
ELEVATION TO BE VERIFIED IN FIELD

SNAKE RD

ZYUP 00097
PAUL ZIEGLER TRUST
W3110 SNAKE RD

ZYUP 00096A
COVENANT HARBOR BIBLE CAMP
1724 MAIN ST

MATCHLINE STA. 619+75

N

PJ5006
STA = 618+75.00
RIM = 938.16
I.E. = 919.67(E)
I.E. = 919.87(W)
I.E. = 919.77(S)

EXISTING GROUND ABOVE PROPOSED WATERMAIN

APPROXIMATE TOP EXISTING WATERMAIN

BEND D.I. 16 INCH
STA = 618+01.99, TOP EL = 934.83

BEND D.I. 16 INCH
STA = 618+05.28, TOP EL = 931.56

TEE 16 INCH X 6 INCH
TOP EL = 931.62

VALVE & BOX 16 INCH
TOP EL = 931.49

16 INCH D.I.P.

VALVE & BOX 16 INCH
TOP OF W.M.
EL = 928.29

TEE 16 INCH X 16 INCH
TOP EL = 928.27

16 INCH D.I.P.

945 940 935 930 925 920 915

TOP WM TOP WM TOP WM TOP WM TOP WM TOP WM TOP WM TOP WM 935.11 TOP WM 929.40 TOP WM 928.44 TOP WM 922.97

961.94 959.50 957.02 954.53 951.94 949.49 947.08 944.58 942.01 939.52 937.24 935.15 934.23

614+00 615+00 616+00 617+00 618+00 619+00 619+75

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 171	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PROFILE UTILITY WISDOT.DWG
LAYOUT NAME - 01

PLOT DATE : 7/31/2026 4:24 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

ZP 00015
MARY WICKLUND
GERALDINE BIGGS, ETAL
115 FOREST ST

BEND 6 INCH
620+74.00, -74.00'LT

TEE 16 INCH X 16 INCH
620+74.00, -58.00'LT

VALVE & BOX 16 INCH
620+57.00, -58.00'LT

TEE 16 INCH X 6 INCH
620+53.00, -58.00'LT

HYDRANT
STA. 620+53.01, 50.00' LT

VALVE & BOX 6 INCH
620+53.00, -54.00'LT

CONNECT TO EXISTING SANITARY SEWER
620+83.31, -38.52'LT

23 LF OF 8 IN. PVC @ 0.41%

MATCHLINE STA. 619+75

PEARSON DR

CONNECT TO EXISTING 6 INCH WATERMAIN
ELEVATION TO BE VERIFIED IN FIELD

BEND 6 INCH
620+78.28, -77.00'LT

REDUCER 8 INCH X 6 INCH
620+74.00, -68.00'LT

REMOVE EXISTING WATER MAIN STRUCTURE
STA. 620+78.13, 71.02' LT

VALVE & BOX 8 INCH
620+74.00, -65.00'LT

REDUCER 16 INCH X 8 INCH
620+74.00, -62.00'LT

ZP 00040
JASON A & ANGEL FISCHER
111 PEARSON DR

ZA 66200001
DAYNA L HOFFMAN
1729 W MAIN STREET

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 622+36.69, 65.33' LT

ABANDON WATER MAIN
STA. 620+57.00, 58.00' LT -
STA. 622+12.31, 43.42' LT

REMOVE EXISTING VALVE BOX
STA. 621+21.33, 48.46' LT

ABANDON EXISTING WATER MAIN (10 INCH)
STA. 621+11.20, 49.60'LT - STA. 623+80.00, 33.24'RT

PJ5007
SAN. SEWER MH (48 IN)
STA = 620+82.00 @ 16.00' LT

NOTE: SANITARY AND WATER LATERALS SHALL BE CONNECTED AT THE EARLIEST CLEAN POINT

620+00 621+00 622+00 623+00 624+00 625+00

STH 50

ZYUP 00096A
CONVENANT HARBOR BIBLE CAMP

1 - WYE 8 INCH X 6 INCH , TYP.
6 IN SANITARY LATERAL, TYP.

ZA 66200002
ROBERT J & BERNICE J FULLINGTON
1723 W MAIN STREET

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 623+73.57, 66.02' LT

EXISTING RETAINING WALLS TO BE REMOVED.

TEE 16 INCH X 8 INCH
623+84.00, -59.00'LT

VALVE & BOX 8 INCH
623+80.00, 33.00'RT

CONNECT TO EXISTING WATERMAIN (8 INCH)
623+79.41, 37.78'RT
ELEVATION TO BE VERIFIED IN FIELD

ZA 66200003
EVON L FREDRICKSON
1740 SUMMIT DR

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 620+85.33, 33.68LT - STA. 625+15.63, 24.29'LT

VALVE & BOX 16 INCH
624+70.00, -52.23'LT

HYDRANT
STA. 624+74.25, 45.69' LT

VALVE & BOX 6 INCH
624+74.61, -48.67'LT

TEE 16 INCH X 6 INCH
624+75.00, -51.65'LT

4'X8' INSULATION BOARD POLYSTYRENE, 2-INCH THICK (TYP.)

ABANDON EXISTING SANITARY MANHOLE
STA. 625+15.63, 24.29' LT

SAN. SEWER MH (48 IN)
STA = 624+80.57 @ 11.61' RT

PJ5008

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 624+84.00, 12.00' RT -
STA. 626+81.25, 41.04' RT

ABANDON EXISTING WATER MAIN (8 INCH)
STA. 623+80.00, 33.24'RT - STA 625+28.07, 48.50' RT

2 IN CST SDR 9 WATER SERVICE
CONNECT TO EXITING WATERMAIN
625+25.95, 74.00RT

ABANDON WATER MAIN
STA. 625+3516, 46.94' RT

MATCHLINE STA. 625+50

2"W

2"W

N

PJ5007
STA = 620+82.00
RIM = 930.79
I.E. = 918.84(W)
I.E. = 918.94(N)
I.E. = 918.74(E)

EXISTING GROUND ABOVE PROPOSED WATERMAIN

TEE 16 INCH X 6 INCH
TOP EL = 922.22

TEE 16 INCH X 16 INCH
TOP EL = 922.22

16 INCH D.I.P.

207 L.F. - SANITARY SEWER 8-INCH PVC @ 0.40%

VALVE & BOX 16 INCH
TOP EL = 922.25

EXISTING STORM SEWER
CROSSING AT CENTERLINE

TEE 16 INCH X 8 INCH
TOP EL = 927.22

16 INCH D.I.P.

16 INCH D.I.P.

APPROXIMATE TOP EXISTING WATERMAIN

400 L.F. - SANITARY SEWER 8-INCH PVC @ 0.33%

PJ5008
STA = 624+80.57
RIM = 933.82
I.E. = 917.32(E)
I.E. = 917.42(W)

VALVE & BOX 16 INCH
TOP EL = 927.94

TEE 16 INCH X 6 INCH
TOP EL = 927.91

PROPOSED STORM SEWER CROSSING AT CENTERLINE

TOP WM	921.28	921.36	922.20	922.25	922.25	922.26	922.94	924.51	926.09	927.36	927.91	928.62	930.24
	934.23	933.27	931.78	930.78	930.15	929.75	929.67	929.86	930.50	931.47	932.75	934.44	936.16
	931.80		930.78	930.08		929.69	929.63	929.88	930.45	931.34	932.55	934.07	935.69

619+75 620+00 621+00 622+00 623+00 624+00 625+00 625+50

940 935 930 925 920 915 910

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 172	E

ZYUP 00091
JOSE R REBURIANO
1713 W MAIN ST

ZST 00012
W DAVID HELLER TRUST
GERALDINE BIGGS, ETAL
120 SKY LANE

ZST 00010
ROBERT & NETTY AHRENS
109 SKY LN.

ZST 0009
JESSE D & KAROLYN F ISOM
1600 LINDA LN

ZST 00008
JAMES E HOLFORD TRUST
1534 LINDA LN

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 625+67.59, 44.06' LT

BEND 16 INCH
626+32.13, -23.00'LT

BEND 16 INCH
626+70.00, -36.00'LT

REMOVE EXISTING
WATER MAIN
STRUCTURE
625+64.58, -29.25' LT

VALVE & BOX 16 INCH
627+16.00, -36.00'LT

TEE 16 INCH X 16 INCH
627+20.00, -36.00'LT

VALVE & BOX 16 INCH
627+23.00, -36.00'LT

HYDRANT
STA. 627+27.00, 28.00' LT

VALVE & BOX 6 INCH
627+27.00, -32.00'LT

TEE 16 INCH X 6 INCH
627+27.00, -35.99'LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 627+87.52, 45.46' LT

CAP 8 INCH
STA. 628+31.02, 47.44' LT

BEND 8 INCH
628+30.00, -44.00'LT

VALVE & BOX 8 INCH
628+30.00, -42.00'LT

REDUCER 16 INCH X 8 INCH
628+30.00, -40.00'LT

TEE 16 INCH X 16 INCH
628+30.00, -36.00'LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 629+68.16, 21.33' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 631+00.05, 29.37' LT

1 - WYE 6 INCH X 8 INCH, TYP.
6 IN SANITARY LATERAL, TYP.

ABANDON EXISTING WATER MAIN
STA. 627+33.38, 21.08' RT

MATCHLINE STA. 625+50

MATCHLINE STA. 631+25

626+00

627+00

628+00

629+00

630+00

631+00

STH 50

R/W

ABANDON EXISTING SANITARY MANHOLE
STA. 628+38.20, 25.92' LT

1 - WYE 8 INCH X 6 INCH, TYP.
6 IN SANITARY LATERAL, TYP.

ABANDON EXISTING WATER MAIN
STA. 628+35.01, 2.50' LT

ABANDON WATER MAIN
STA. 626+64.61, 26.35' RT

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 628+36.15, 22.90RT - STA. 628+38.20, 25.92LT

ABANDON EXISTING SANITARY MANHOLE
STA. 626+81.25, 41.04' RT

4'X8' INSULATION
BOARD
POLYSTYRENE,
2-INCH THICK
(TYP.)

BEND 16 INCH
628+30.00, 8.00'RT

ABANDON EXISTING SANITARY MANHOLE
STA. 628+36.15, 22.90' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 631+12.01, 25.48' RT

SAN. SEWER MH (48 IN), OUTSIDE DROP
STA = 627+12.98 @ 29.88' RT

PJ5009

NOTE: SANITARY AND WATER
LATERALS SHALL BE
CONNECTED AT THE EARLIEST
CLEAN POINT

REPLACE ASPHALT
PAVEMENT, TYP

LAKEVIEW DR

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 627+96.52, 25.51' RT

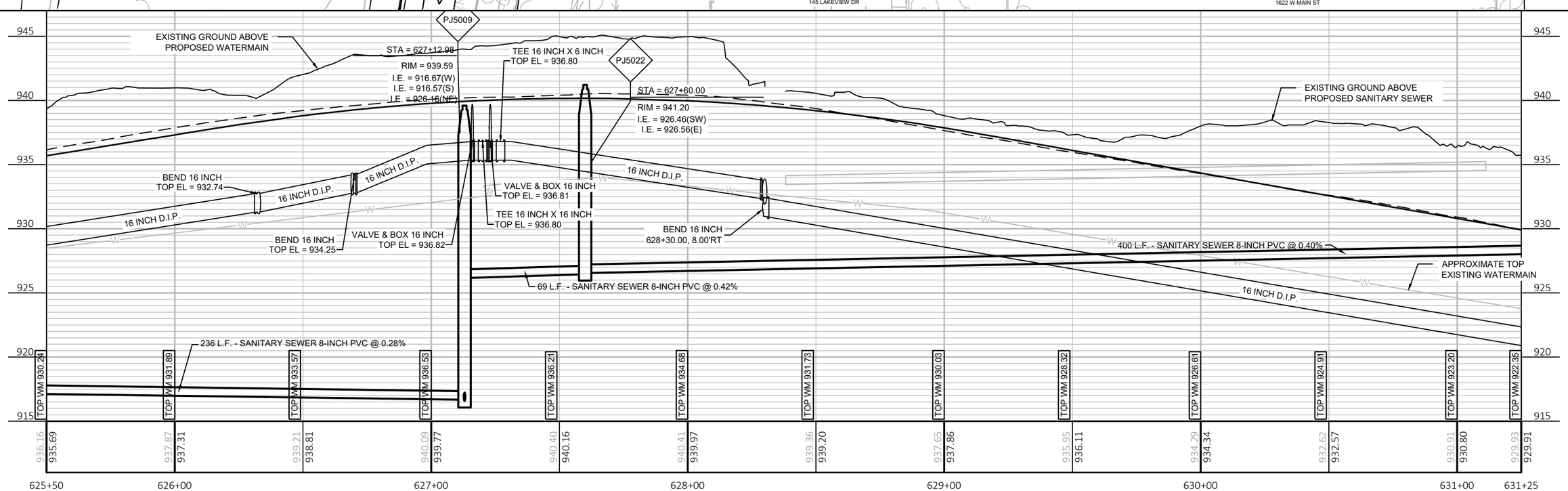
PJ5022

SAN. SEWER MH (48 IN)
STA = 627+60.00 @ 21.00' LT

ZLM 00001
ABRA PRENTICE WILKIN TRUST

ZLM 00074
BRUCE IRUSSI TRUST
145 LAKEVIEW DR

ZLM 00072
DAN MORITZ
1622 W MAIN ST



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 173	E

ZST 00008
JAMES E HOLFORD TRUST
1534 LINDA LN

ZST 00007A
JAMES M & KAREN WARD 1520
LINDA LN

ZST 00006
DANIEL AND
SUSAN SCHALK
1508 LINDA LN

ZST 00005
DANIEL A & JO A NILES
1450 LINDA LN

ZST 00005
DANIELS S & EDITH G DRAPER
1440 LINDA LN

ZST 00003
BRETT BIWER
1434 LINDA LN

NOTE: SANITARY AND WATER
LATERALS SHALL BE CONNECTED
AT THE EARLIEST CLEAN POINT

PJ5022A
SAN. SEWER MH (48 IN)
STA = 631+60.00 @ 24.01' LT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 632+09.03, 19.69' LT

VALVE & BOX 16 INCH
632+40.55, 8.00'RT

ABANDON EXISTING WATER MAIN
STA. 633+96.12, 11.39' LT

REMOVE EXISTING HYDRANT ASSEMBLY
STA. 634+00.22, 18.80' LT

ABANDON EXISTING WATER MAIN
STA. 634+04.80, 11.22' LT

MATCHLINE STA. 631+25

632+00 | 8.0' | 633+00 | 634+00 | STH 50 | 635+00 | 636+00 | 637

MATCHLINE STA. 637+00

1 - WYE
8 INCH X 6 INCH, TYP.
6 IN SANITARY
LATERAL, TYP.

HYDRANT
STA. 632+44.01, 19.50' RT
VALVE & BOX 6 INCH
632+44.00, 11.00'RT
TEE 16 INCH X 6 INCH
632+44.00, 8.00'RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 631+67.77, 24.81' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 633+13.46, 17.25' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 633+41.30, 27.40' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 634+13.81, 24.74' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 634+64.77, 24.67' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 634+60.21, 24.55' RT

REMOVE EXISTING WATER MAIN STRUCTURE
STA. 634+50.99, 23.55' RT

ZLM 00071
JASON AND MOLLY KEPPLER
1606 W MAIN ST

ZLM 00070
ROBERT NABASNY
1544 W MAIN ST

ZLM 00069
CHARLES AND JILL LORENZI
1540 W MAIN ST

ZLM 00068
HELEN AND JOHN HACKETT
1536 W MAIN ST

ZYUP 00094A
ADAMS TRUST
1506 W MAIN ST

ZYUP 00094C
DANIEL AND CYNTHIA KUESIS TRUST
1420 W MAIN ST

PJ5022A
STA = 631+60.00
RIM = 933.84
I.E. = 928.16(W)

EXISTING GROUND ABOVE
PROPOSED SANITARY SEWER

TEE 16 INCH X 6 INCH
TOP EL = 918.51

VALVE & BOX 16 INCH
TOP EL = 918.54

16 INCH D.I.P.

APPROXIMATE TOP
EXISTING WATERMAIN

16 INCH D.I.P.

935 930 925 920 915 910 908

915 910 905 900 895 890 888

TOP WM 922.35 | TOP WM 921.49 | TOP WM 919.79 | TOP WM 918.31 | TOP WM 916.09 | TOP WM 913.88 | TOP WM 911.55 | TOP WM 908.63 | TOP WM 905.70 | TOP WM 902.78 | TOP WM 899.85 | TOP WM 896.93 | TOP WM 894.00

929.93 929.91 | 928.99 929.03 | 927.31 927.26 | 925.52 925.45 | 923.52 923.47 | 921.44 921.29 | 919.14 918.91 | 916.52 916.34 | 913.70 913.58 | 910.81 910.62 | 907.72 907.61 | 904.78 904.59 | 901.66 901.57

631+25 | 632+00 | 633+00 | 634+00 | 635+00 | 636+00 | 637+00

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 174	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PROFILE UTILITY WISDOT.DWG
LAYOUT NAME - 04

PLOT DATE : 7/31/2026 4:25 PM | PLOT BY : SIERRA PARKER | PLOT NAME : | PLOT SCALE : 1 IN:40 FT

NOTE: SANITARY AND WATER LATERALS SHALL BE CONNECTED AT THE EARLIEST CLEAN POINT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 637+29.82, 19.87' LT

ABANDON EXISTING WATER MAIN
STA. 637+61.06, 10.56' LT

CONNECT TO EXISTING WATERMAIN (6-INCH)
637+56.76, -19.19 LT

ABANDON EXISTING WATER MAIN
STA. 637+68.49, 10.58' LT

VALVE & BOX 6 INCH
637+66.00, 5.00'RT

SAN. SEWER MH (48 IN)
STA = 639+31.61 @ 22.76' LT
PJ5058

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 638+29.33, 18.74' LT

BEND 16 INCH
638+97.00, -8.00'LT

ABANDON EXISTING WATER MAIN
STA. 638+92.43, 9.55' LT

REMOVE EXISTING VALVE BOX
STA. 639+83.96, 23.85' LT

REMOVE EXISTING VALVE BOX
STA. 639+88.04, 34.31' LT

REMOVE EXISTING HYDRANT ASSEMBLY
STA. 639+90.55, 34.49' LT

TEE 16 INCH X 16 INCH
639+76.00, -8.00'LT

VALVE & BOX 16 INCH
639+83.00, -8.00'LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 640+89.13, 19.62' LT

REMOVE EXISTING VALVE BOX
STA. 642+49.32, 9.94' LT

4'X8' INSULATION BOARD POLYSTYRENE, 2-INCH THICK (TYP.)

VALVE & BOX 16 INCH
637+42.76, 8.51'RT

HYDRANT
STA. 637+51.45, 20.41' RT

VALVE & BOX 6 INCH
637+51.29, 16.76'RT

TEE 16 INCH X 6 INCH
637+50.67, 8.51'RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 637+58.12, 20.02' RT

VALVE & BOX 16 INCH
637+69.00, 8.00'RT

TEE 16 INCH X 6 INCH
637+66.00, 8.00'RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 638+00.32, 20.27' RT

BEND 16 INCH
638+79.00, 9.00'RT

SAN. SEWER MH (48 IN), OUTSIDE DROP
STA = 639+60.00 @ 1.00' RT
PJ5057

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 639+77.38, 20.11' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 639+81.74, 20.10' RT

ABANDON EXISTING WATER MAIN
STA. 639+90.95, 14.35' LT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 641+38.31, 29.73' RT

1 - WYE 12 INCH X 6 INCH, TYP. 6 IN SANITARY LATERAL, TYP.

SAN. SEWER MH (48 IN)
STA = 642+20.00 @ 2.05' RT
PJ5057A

MATCHLINE STA. 637+00

MATCHLINE STA. 642+75

STH 50

LINDA LA

ELMWOOD AVE

ZST 00002
RICHARD AND DEBRA COVELIERS
1422 LINDA LA

ZST 00001
SHAUNA BASIL
1410 LINDA LA

ZST 00031
MICHAEL KUEHN 2013 TRUST
1407 LINDA LA

ZLKC 00002
ELIZABETH M LENTO TRUST
1335 ELMWOOD AV

ZYUP 00090
GENE ENTERPRISES LLC
1327 W MAIN ST

ZLC
LAKE GARDEN CONDOMINIUMS
1321 W Main St

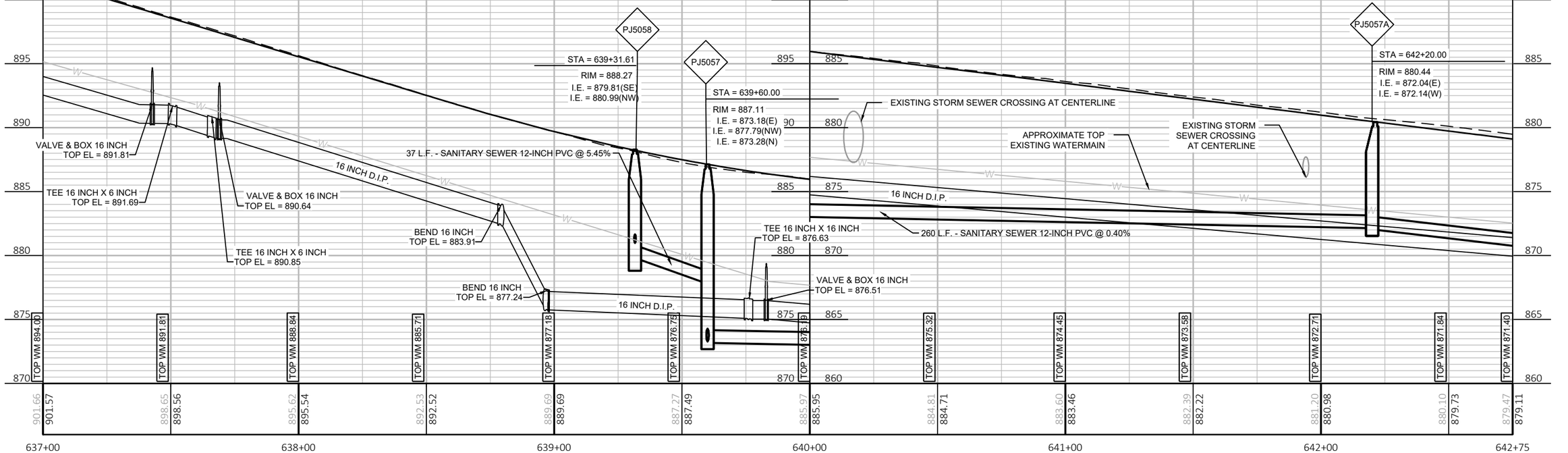
ZYUP 00094B
MAPEL LAWN LLC
1412 W MAIN ST

ZYUP 00094K
MARY STUDER TRUST
1408 W MAIN ST

ZYUP 00094M
STARBOARD PROPERTY LLC
1334 W MAIN ST

ZYUP 00094L
LAKE GENEVA RESIDENCE TRUST
1322 W MAIN ST

ZYUP 00094H
JAMES AND KATHRYN WILLETT TRUST
1320 W MAIN ST



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 175	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PROFILE UTILITY WISDOT.DWG
LAYOUT NAME - 05

PLOT DATE : 7/31/2026 4:25 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

ZLC
LAKE GARDEN CONDOMINIUMS
1321 W Main St

ZCNGE 00102
GEORGETOWN CONDOS
KATHLEEN LYDIA NEVILLE TRUST
1305 W MAIN ST

ZOP 00206
HAYLEY AND SCOTT WESTHOFF
1229 W MAIN ST

ZOP 00207
MEGINNISS FAMILY TRUST
1221 W MAIN ST

ZOP 00208
RICHARD AND SUSAN KELMAN
1219 W MAIN ST

ZA 464300001
EDWARD KEMPER TRUST
1205 W MAIN ST

ZOP 00210
MARY T FORBIS TRUST
1201 W MAIN ST

MAXWELL ST

N

NOTE: SANITARY AND WATER LATERALS SHALL BE CONNECTED AT THE EARLIEST CLEAN POINT

REMOVE EXISTING HYDRANT ASSEMBLY
STA. 644+20.00, 23.51' LT

REMOVE EXISTING VALVE BOX
STA. 644+20.74, 21.63' LT

ABANDON EXISTING WATER MAIN
STA. 644+38.39, 12.56' LT

2.0 IN CST SDR 9 WATER SERVICE
1 - 2.0 IN CURB STOP AND BOX
STA. 644+79.95, 38.31' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 645+02.41, 24.05' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 645+96.13, 25.03' LT

4'X8' INSULATION BOARD
POLYSTYRENE, 2-INCH THICK (TYP.)

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 646+37.82, 22.05' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 647+16.75, 22.68' LT

REMOVE EXISTING WATER MAIN STRUCTURE
STA. 648+27.71, 42.72' LT

ABANDON EXISTING WATER MAIN
STA. 648+16.02, 12.78' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 647+87.26, 22.62' LT

1 - WYE 12 INCH X 6 INCH, TYP.
6 IN SANITARY LATERAL, TYP.

HYDRANT
STA. 644+16.00, 24.00' LT

VALVE & BOX 6 INCH
644+16.81, -11.00'LT

TEE 16 INCH X 6 INCH
644+17.00, -8.00'LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 644+07.42, 20.77' LT

MATCHLINE STA. 642+75

MATCHLINE STA. 648+67.68

STH 50

643+00 644+00 645+00 646+00 647+00 648+00

BEND 16 INCH
644+36.00, -9.50'LT

ABANDON EXISTING WATER MAIN
STA. 644+09.36, 12.43' LT

VALVE & BOX 16 INCH
644+20.00, -8.21'LT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 644+96.09, 27.30' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 644+95.25, 27.59' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 643+46.39, 16.83' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 642+87.84, 16.87' RT

SAN. SEWER MH (48 IN)
STA = 644+35.00 @ 1.00' LT
PJ6001

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 646+08.04, 46.77' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 646+87.49, 18.83' RT

TEE 16 INCH X 16 INCH
648+31.00, -8.00'LT

SAN. SEWER MH (48 IN)
STA = 648+35.00 @ 0.00'
PJ6002

SAN. SEWER MH (48 IN)
STA = 648+50.00 @ 38.00' RT
PJ6004

ZYUP 00094N
ROBERT AND VERONICA LOQUERCIO
1310 W MAIN ST

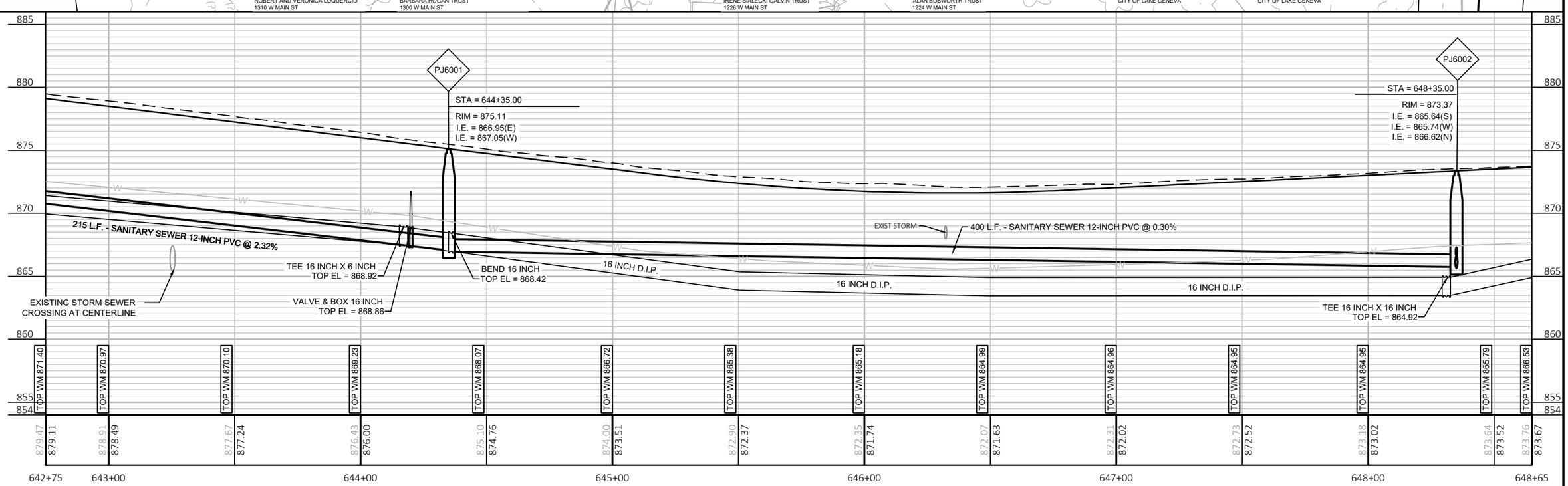
ZYUP 000940
ROBERT HOGAN TRUST
BARBARA HOGAN TRUST
1300 W MAIN ST

ZYUP 00094Q
IRENE BIALECKI GALVIN TRUST
1226 W MAIN ST

ZYUP 00094P
ALAN BOSWORTH TRUST
1224 W MAIN ST

ZOP 00414
CITY OF LAKE GENEVA

ZOP 00413
CITY OF LAKE GENEVA



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 176	E

NOTE: SANITARY AND WATER LATERALS SHALL BE CONNECTED AT THE EARLIEST CLEAN POINT

ZOP 00219
DOLLEEN F BRENTON
1151 W MAIN ST

ZOP 00220
MICHAEL AND COLLEEN CHOWANIEC
1109 W MAIN ST

ZOP 00221
RUDD FAMILY TRUST
1107 W MAIN ST

ZOP 00222
DAVID MONEY TRUST
1105 W MAIN ST

ZOP 00229
1031 W MAIN ST LLC
1031 W MAIN ST

REMOVE EXISTING HYDRANT ASSEMBLY
STA. 648+78.29, 22.48' LT
REMOVE EXISTING VALVE BOX
STA. 648+78.32, 17.53' LT

HYDRANT
STA. 648+84.00, 23.00' LT
VALVE & BOX 6 INCH
648+84.00, -20.00'LT
TEE 16 INCH X 6 INCH
648+84.00, -8.00'LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 649+02.07, 23.03' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 650+19.34, 24.29' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 650+92.25, 25.13' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 652+02.87, 26.47' LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 652+58.93, 28.20' LT

REMOVE EXISTING HYDRANT ASSEMBLY
STA. 652+53.81, 22.47' LT

WARREN ST

HYDRANT
STA. 653+34.00, 23.00' LT
VALVE & BOX 6 INCH
653+34.00, -12.00'LT
TEE 12 INCH X 6 INCH
653+34.05, -8.16'LT

SEED, FERTILIZE, EROSION MAT, AND TOPSOIL ALL AREAS DISTURBED BY HYDRANT INSTALLATION. TO BE PAID FOR BY CITY. (TYP.)

REMOVE AND REPLACE CURB & GUTTER AS NECESSARY FOR HYDRANT INSTALLATION TO BE PAID FOR BY CITY

SAWCUT, REMOVE, AND REPLACE ASPHALT AS NECESSARY FOR WATER MAIN INSTALLATION, TO BE PAID FOR BY CITY

MATCHLINE STA. 648+67.68

649+00 650+00 651+00 652+00 653+00 654+00

MATCHLINE STA. 654+25

VALVE & BOX 16 INCH
648+88.00, -8.00'LT

ABANDON EXISTING WATER MAIN
STA. 648+85.46, 12.74' LT

STH 50

ABANDON EXISTING WATER MAIN
STA. 652+49.37, 9.32' LT

2.0 IN CST SDR 9 WATER SERVICE
1 - 2.0 IN CURB STOP AND BOX
STA. 648+78.70, 38.37' RT

4'X8' INSULATION BOARD
POLYSTYRENE, 2-INCH THICK (TYP.)

REDUCER 16 INCH X 12 INCH
653+28.15, -8.09'LT

CONNECT TO EXISTING WATERMAIN (12 INCH)
653+37.00,-8.14' LT
ELEVATION TO BE VERIFIED IN FIELD

VALVE & BOX 12 INCH
653+37.00, -8.14'LT

CITY OF LAKE GENEVA

885 880 875 870 865 860 855 854

APPROXIMATE TOP EXISTING WATERMAIN

16 INCH D.I.P.

VALVE & BOX 12 INCH
653+37.00, -8.14'LT
TOP EL = 870.86

TEE 16 INCH X 6 INCH
TOP EL = 870.82

REDUCER 16 INCH X 12 INCH
TOP EL = 871.19

TEE 16 INCH X 6 INCH
TOP EL = 867.17

VALVE & BOX 16 INCH
TOP EL = 867.17

TOP WM 866.53	TOP WM 867.06	TOP WM 866.97	TOP WM 866.87	TOP WM 866.78	TOP WM 866.68	TOP WM 866.59	TOP WM 866.49	TOP WM 866.40	TOP WM 869.22	TOP WM	TOP WM	TOP WM
873.76 / 873.67	874.17 / 874.02	874.58 / 874.44	874.97 / 874.86	875.40 / 875.28	875.82 / 875.69	876.20 / 876.11	876.51 / 876.53	876.95	877.16	877.25	877.16	877.02

648+65 649+00 650+00 651+00 652+00 653+00 654+00 654+25

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 177	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PROFILE UTILITY WISDOT.DWG
LAYOUT NAME - 07
PLOT DATE : 7/31/2026 4:26 PM
PLOT BY : SIERRA PARKER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA. 654+25

4'X8' INSULATION BOARD
POLYSTYRENE, 2-INCH THICK (TYP.)
REQUIRED AT ALL STORM SEWER - WATER MAIN CROSSINGS

MADISON ST

655+00 656+00 657+00 658+00 659+00 660

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 656+96.58, 10.43' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 656+99.63, 7.44' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 657+58.40, 9.74' LT

MATCHLINE STA. 660+00

2

N

COOK ST

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 661+09.20, 16.55' LT

MATCHLINE STA. 660+00

661+00 662+00 663+00 664+00 665+00

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 661+69.52, 13.46' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 661+83.75, 20.91' LT

WRIGLEY DR

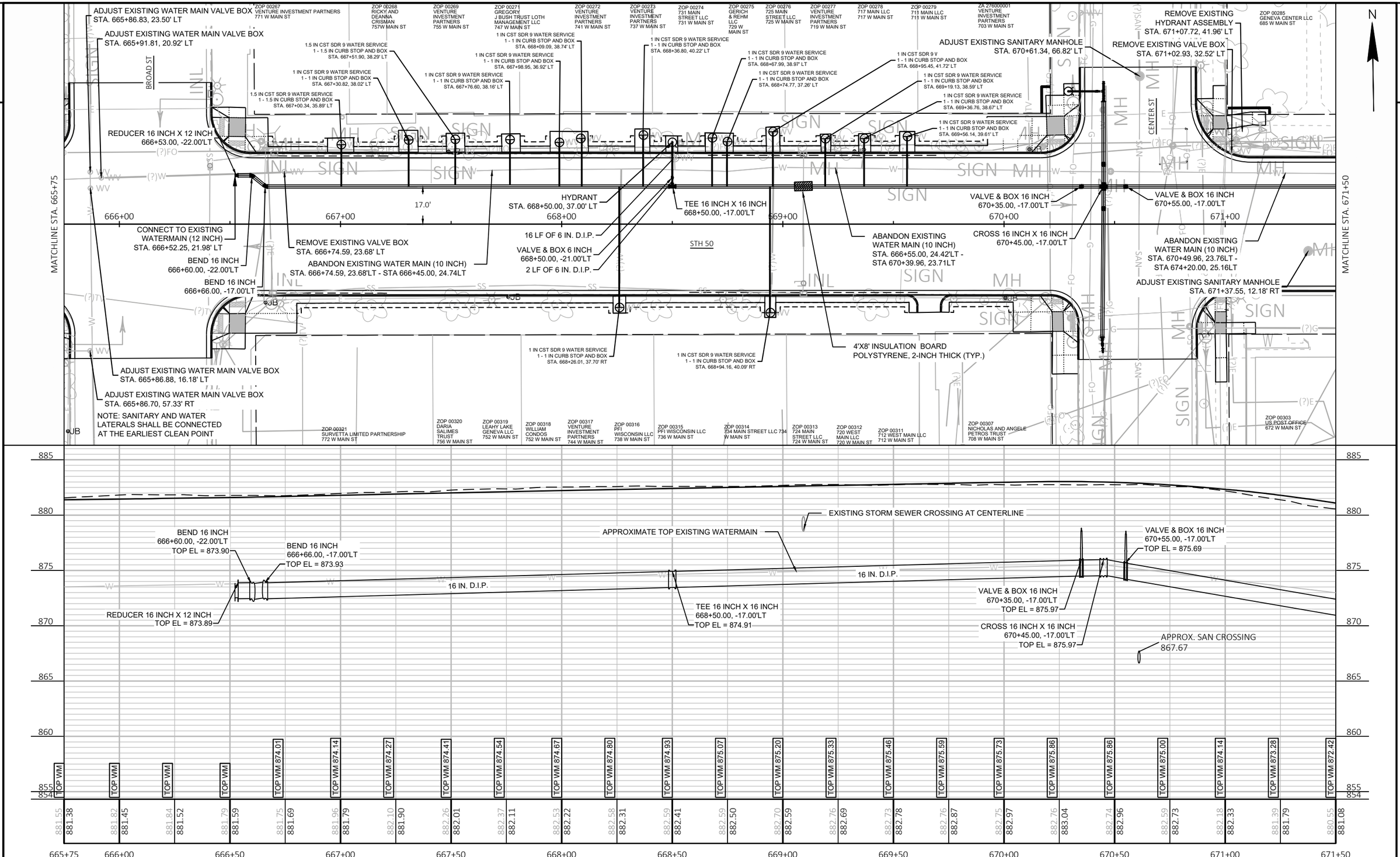
MATCHLINE STA. 665+75

N

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 178	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PLAN UTILITY WISDOT.DWG
LAYOUT NAME - 07-19

PLOT DATE : 7/31/2026 4:28 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : ##########



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 179	E

2

MATCHLINE STA. 671+50

MATCHLINE STA. 677+25

ZOP 00285
GENEVA CENTER LLC
685 W MAIN ST

ZOP 00287
647 MAIN STREET LLC
647 W MAIN ST

ZOP 00288
WISCONSIN TELEPHONE COMPANY
645 W MAIN ST

ZOP 00289
WISCONSIN TELEPHONE COMPANY
639 W MAIN ST

ZOP 00290
CROWN DOMINION COMMERCIAL PROPERTIES LLC
619 W MAIN ST

ZOP 00291
JB262-1 LLC
601 MILL ST

2.0 IN CST SDR 9 WATER SERVICE
1 - 2.0 IN CURB STOP AND BOX
STA. 672+85.10, 39.18' LT

2.0 IN CST SDR 9 WATER SERVICE
1 - 2.0 IN CURB STOP AND BOX
STA. 672+58.86, 40.96' LT

REMOVE EXISTING HYDRANT ASSEMBLY
STA. 673+82.26, 35.85' LT

REMOVE EXISTING VALVE BOX
STA. 673+82.18, 25.62' LT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 674+30.98, 37.69' LT

HYDRANT
STA. 674+25.00, 40.00' LT

VALVE & BOX 6 INCH
674+25.00, -22.00'LT

TEE 16 INCH X 6 INCH
674+25.00, -17.00'LT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 674+68.53, 33.61' LT

ABANDON EXISTING WATER MAIN (10 INCH)
STA. 674+34.00, 25.17LT - STA 679+30.00, 20.00LT

ADJUST EXISTING SANITARY MANHOLE
STA. 675+38.86, 45.19' LT

ADJUST EXISTING SANITARY MANHOLE
STA. 675+59.44, 39.39' LT

REMOVE EXISTING HYDRANT ASSEMBLY
STA. 676+80.19, 31.58' LT

REMOVE EXISTING VALVE BOX
STA. 676+78.29, 31.42' LT

VALVE & BOX 16 INCH
674+20.00, -17.00'LT

672+00 673+00 674+00 675+00 676+00 677+00

STH 50

REMOVE EXISTING VALVE BOX
STA. 675+07.26, 25.53' LT

VALVE & BOX 16 INCH
675+20.00, -17.00'LT

40 LF OF 30 IN CASING

VALVE & BOX 16 INCH
676+05.00, -17.00'LT

BEND 16 INCH
676+09.00, -17.00'LT

TEE 16 INCH X 12 INCH
677+14.00, 22.00'RT

BEND 16 INCH
676+48.00, 21.99'RT

ABANDON EXISTING WATER MAIN
STA. 676+95.46, 18.92' RT

ABANDON EXISTING WATER MAIN
STA. 676+99.66, 25.16' RT

VALVE & BOX 12 INCH
677+13.84, 43.77'RT

CONNECT TO EXISTING WATERMAIN (12 INCH)
BEND 12 INCH
677+13.79, 46.29'RT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 677+15.77, 49.11' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 673+43.63, 35.60' RT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 674+10.81, 39.57' RT

NOTE: SANITARY AND WATER
LATERALS SHALL BE CONNECTED
AT THE EARLIEST CLEAN POINT

ZOP 00303
US POST OFFICE
672 W MAIN ST

ZOP 00304A
US POST OFFICE
672 W MAIN ST

ZOP 00305
BT CAPITAL HOLDING LLC
642 W MAIN ST

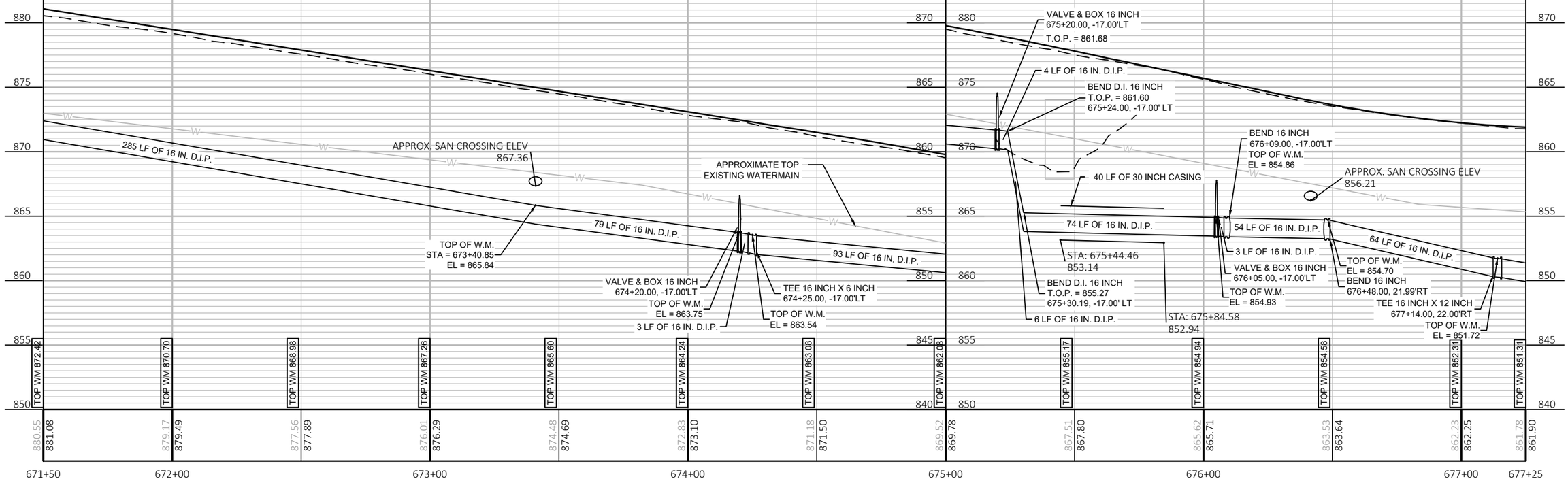
ZOP 00306
FYF LLC
640 W MAIN ST

ZA246700002
CITY OF LAKE GENEVA

WHITE RIVER

MILL ST

SOUTH LAKESHORE DRIVE



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 180	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PROFILE UTILITY WISDOT.DWG
LAYOUT NAME - 21

PLOT DATE : 7/31/2026 4:29 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTE: SANITARY AND WATER LATERALS SHALL BE CONNECTED AT THE EARLIEST CLEAN POINT

ZOP 00300 GENEVA LAKE LEVEL CORPORATION 529 W MAIN ST
ZOP 00301 WISCONSIN STREET LLC 529 W MAIN ST
ZOP 00302 CITY OF LAKE GENEVA
ZOP 00004 CITY OF LAKE GENEVA
ZOP 00003 CITY OF LAKE GENEVA
ZOP 00002C CITY OF LAKE GENEVA
ZOP 00373 BURGER KING COMPANY LLC 100 WELLS ST
ZOP 00375 JPS NEVADA LLC 101 WELLS ST
ZOP 00383 KATHERINE L YOUNG 350 W MAIN ST

MATCHLINE STA. 677+25

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 678+25.89, 26.47' LT

ADJUST EXISTING SANITARY MANHOLE
STA. 677+25.38, 5.96' RT

HYDRANT
STA. 679+35.00, 32.00' LT
VALVE & BOX 6 INCH
679+35.00, -24.00'LT
TEE 16 INCH X 6 INCH
679+35.00, -0.53'LT

1 IN CST SDR 9 WATER SERVICE
1 - 1 IN CURB STOP AND BOX
STA. 679+49.20, 29.66' LT

ABANDON EXISTING SANITARY MANHOLE
STA. 680+48.77, 10.06' LT

REMOVE EXISTING VALVE BOX
STA. 680+70.99, 15.49' LT

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 680+48.77, 10.06LT -
STA. 681+36.67, 44.78LT

CONNECT TO EXISTING SANITARY SEWER

2
SAN. SEWER MH (48 IN)
STA = 681+36.67 @ 44.78' LT

CONNECT TO EXISTING WATERMAIN (10 INCH)
CONNECT TO EXISTING WATERMAIN (12 INCH)
REDUCER 16 INCH X 12 INCH
ELEVATION TO BE VERIFIED IN THE FIELD
TEE 16 INCH X 10 INCH
681+48.00, -16.15'LT

VALVE & BOX 16 INCH
681+48.00, -6.00'LT

678+00 679+00 680+00 681+00 682+00 683

STH 50

BEND 16 INCH
681+48.00, 0.00'RT

BEND 16 INCH
678+01.85, 0.20'RT

BEND 16 INCH
677+80.04, 22.01'RT

RCP CLASS V 36 INCH @ 1.60%

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 677+64.95, 7.58' RT

4'X8' INSULATION BOARD POLYSTYRENE, 2-INCH THICK (TYP.)

N WELLS ST

ABANDON EXISTING WATER MAIN (10 INCH)
STA 679+40.00, 20.00LT
- STA 681+48, 16.00' LT

1.5 IN CST SDR 9 WATER SERVICE
1 - 1.5 IN CURB STOP AND BOX
STA. 680+71.30, 23.28' RT -

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 680+48.77, 10.06LT -
STA. 680+90.37, 39.85RT

CONNECT TO EXISTING SANITARY SEWER

1
SAN. SEWER MH (48 IN)
STA = 680+90.37 @ 39.85' RT

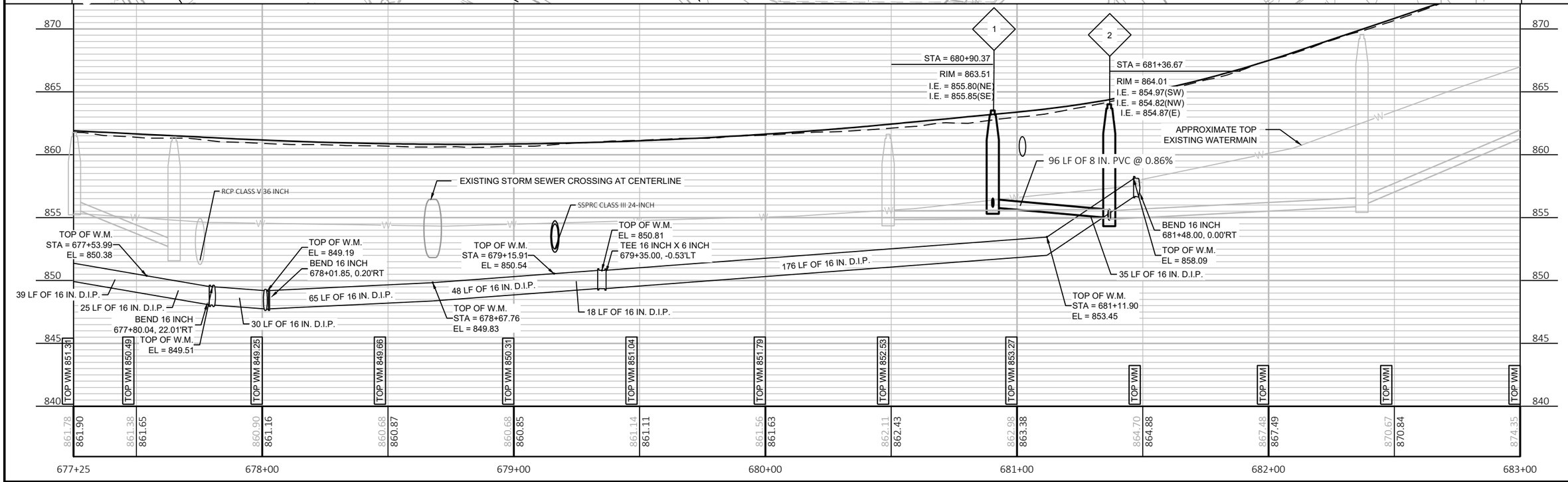
ADJUST EXISTING WATER MAIN VALVE BOX
STA. 682+24.53, 16.80' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 682+44.23, 17.84' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 682+73.29, 17.94' LT

SOUTH LAKESHORE DRIVE

MATCHLINE STA. 683+00



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 181	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PROFILE UTILITY WISDOT.DWG
LAYOUT NAME - 22
PLOT DATE : 7/31/2026 4:30 PM
PLOT BY : SIERRA PARKER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

COUNTRY CLUB DRIVE

ADJUST EXISTING SANITARY MANHOLE
STA. 684+53.53, 42.31' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 686+68.82, 12.20' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 687+26.41, 18.55' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 687+76.65, 16.83' LT

MATCHLINE STA. 683+00

+00 684+00 685+00 686+00 687+00 688+00 689

MATCH LINE STA. 689+00

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 687+76.83, 13.03' LT

ADJUST EXISTING SANITARY MANHOLE
STA. 687+98.68, 1.88' LT

WEST ST

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 684+21.16, 15.70' LT

ADJUST EXISTING SANITARY MANHOLE
STA. 684+64.44, 4.97' LT

ADJUST EXISTING SANITARY MANHOLE
STA. 685+26.08, 18.64' RT

N

2

HAVENWOOD DR

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 690+25.22, 18.76' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 692+21.94, 17.74' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 692+23.29, 19.26' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 692+26.10, 14.33' LT

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 692+18.56, 29.22' LT

MATCHLINE STA. 689+00

+00 690+00 691+00 692+00 693+00 694+00 695

MATCH LINE STA. 695+00

ADJUST EXISTING SANITARY MANHOLE
STA. 694+63.07, 3.79' RT

ADJUST EXISTING SANITARY MANHOLE
STA. 692+38.58, 1.40' RT

EAST ST

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 692+23.65, 53.55' RT

N

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 182	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PLAN UTILITY WISDOT.DWG
LAYOUT NAME - 26

PLOT DATE : 7/31/2026 4:31 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

ADJUST EXISTING WATER MAIN MANHOLE
STA. 699+06.75, 28.07' LT

TO BE REMOVED PRIOR TO CONSTRUCTION

MATCHLINE STA. 695+00

MATCH LINE STA. 701+00

+00 696+00 697+00 698+00 699+00 700+00 701

4'X8' INSULATION BOARD
POLYSTYRENE, 2-INCH
THICK (TYP.)
REQUIRED AT ALL
STORM SEWER - WATER
MAIN CROSSINGS

RIPRAP

SIGN

FLAG

CURTIS ST

HYDRANT AT 702+60 45' LT
TO BE CONSTRUCTED PRIOR TO CONSTRUCTION

HYDRANT TO BE ABANDONED PRIOR TO
CONSTRUCTION

MATCHLINE STA. 701+00

MATCH LINE STA. 707+00

+00 702+00 703+00 704+00 705+00 706+00 707

4'X8' INSULATION BOARD
POLYSTYRENE, 2-INCH THICK (TYP.)
REQUIRED AT ALL STORM SEWER - WATER MAIN CROSSINGS

RIPRAP

SIGN

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 183	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PLAN UTILITY WISDOT.DWG
LAYOUT NAME - 27

PLOT DATE : 7/31/2026 4:31 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

HYDRANT AT 707+92 40' LT
TO BE CONSTRUCTED PRIOR TO CONSTRUCTION

ENTRANCE TO C.C.

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 709+10.27, 23.78' LT

ADJUST EXISTING WATER MAIN MANHOLE
STA. 710+97.06, 24.35' LT

4'X8' INSULATION BOARD
POLYSTYRENE, 2-INCH THICK (TYP.)
REQUIRED AT ALL STORM SEWER - WATER MAIN CROSSINGS

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 709+11.58, 22.74' LT

MATCHLINE STA. 707+00

+00 708+00 709+00 710+00 711+00 712+00 713

MATCH LINE STA. 713+00

WEST DR

4'X8' INSULATION BOARD
POLYSTYRENE, 2-INCH THICK (TYP.)
REQUIRED AT ALL STORM SEWER - WATER MAIN CROSSINGS

MATCHLINE STA. 713+00

+00 714+00 715+00 716+00 717+00 718+00

MATCH LINE STA. 718+70

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 714+49.40, 21.98' LT

LOCKWOOD BLVD

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 184 E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PLAN UTILITY WISDOT.DWG
LAYOUT NAME - 28
PLOT DATE : 7/31/2026 4:32 PM
PLOT BY : SIERRA PARKER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

ADJUST EXISTING WATER MAIN VALVE BOX
STA. 718+83.00, 25.89' LT

ABANDON EXISTING WATER VALVE MANHOLE
STA. 719+73.39, 45.58' LT

PELLER RD

N EDWARDS BLVD

MATCHLINE STA. 718+70

719+00

720+00

721+00

722+00

723+00

724+00

MATCH LINE STA. 724+85

EAST DR

ADJUST EXISTING SANITARY MANHOLE
STA. 719+21.92, 36.78' RT

ADJUST EXISTING SANITARY MANHOLE
STA. 723+84.27, 61.03' RT

MATCHLINE STA. 724+85

725+00

726+00

727+00

728+00

729+00

730+00

731

MATCH LINE STA. 731+00

USH 12 EB ON RAMP

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 185	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PLAN UTILITY WISDOT.DWG
LAYOUT NAME - 29

PLOT DATE : 7/31/2026 4:32 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA. 731+00

+00 732+00 733+00 734+00 735+00 736+00 737

MATCH LINE STA. 737+00

MATCHLINE STA. 737+00

+00 738+00 739+00 740+00 741+00 742+00 743

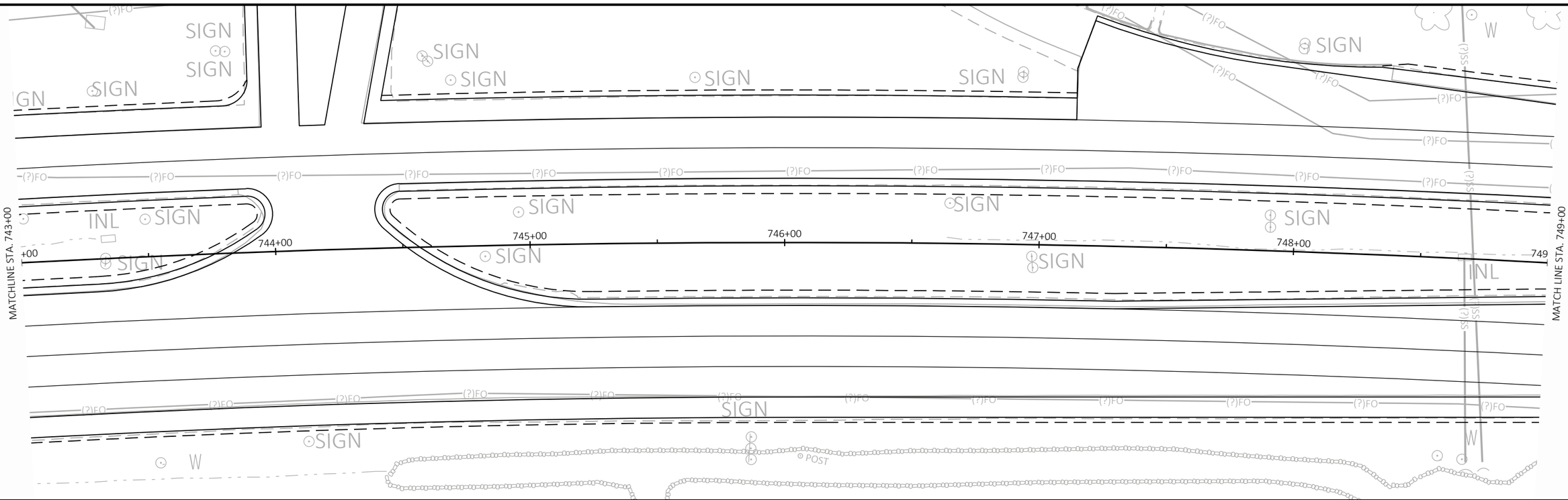
MATCH LINE STA. 743+00

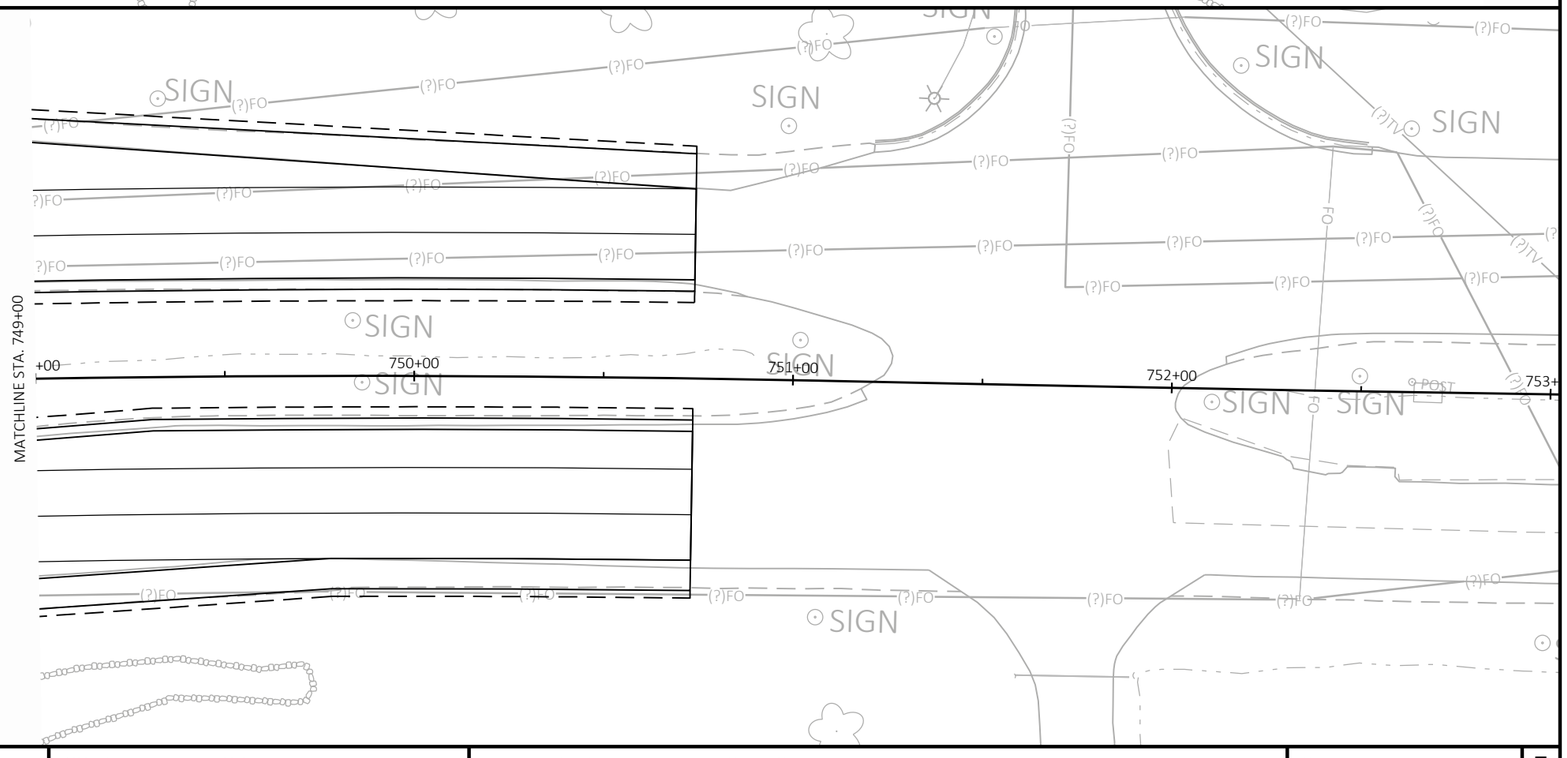
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 186	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PLAN UTILITY WISDOT.DWG
LAYOUT NAME - 30

PLOT DATE : 7/31/2026 4:33 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STH 50	SHEET 187	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PLAN UTILITY WISDOT.DWG
LAYOUT NAME - 31

PLOT DATE : 7/31/2026 4:33 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 42+13.33, 29.67LT - STA. 41+06.74, 28.69LT

ABANDON EXISTING SANITARY MANHOLE
STA. 41+06.74, 28.69' LT

SAN. SEWER MH (48 IN), OUTSIDE DROP
STA = 627+12.98 @ 29.88' RT
PJ5009

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 41+06.74, 28.69LT - STA. 41+04.94, 1.00LT

SAN. SEWER MH (48 IN)
STA = 626+91.98 @ 152.62' RT
PJ5011

ABANDON EXISTING SANITARY MANHOLE
STA. 42+13.33, 29.67' LT

CONNECT TO EXISTING SANITARY SEWER

REDUCER 16 INCH X 8 INCH
42+08.39, 10.15'RT

LAKEVIEW DRIVE

STH 50

627+00

628+00

STA 627+17.84 R/L 50 =
STA 42+59.73 R/L AliProf - Lakeview Dr
Y=335,701.917
X=787,817.214

40+50 41+00 41+50 42+00 42+50 43+00

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 41+04.94, 1.00LT - STA. 41+22.29, 21.30RT

CONNECT TO EXISTING WATERMAIN (4 INCH)
ELEVATION TO BE VERIFIED IN THE FIELD
REDUCER 8 INCH X 4 INCH
42+04.36, 9.90'RT

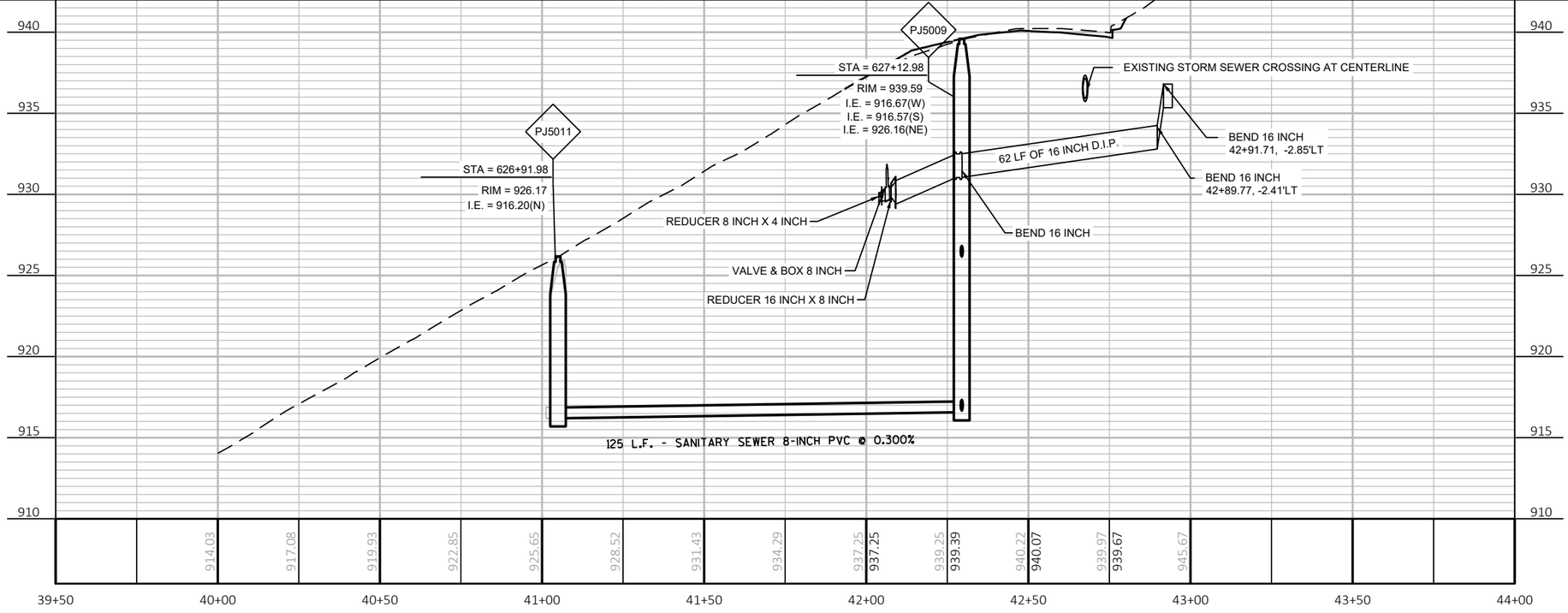
VALVE & BOX 8 INCH
42+06.52, 10.03'RT

BEND 16 INCH
42+28.35, 11.37'RT

ABANDON EXISTING SANITARY MANHOLE
STA. 41+22.29, 21.30' RT

ABANDON EXISTING SANITARY SEWER (8 INCH)
STA. 41+22.29, 21.30RT - STA. 626+36.15, 22.90 RT

SAN. SEWER MH (48 IN)
STA = 627+60.00 @ 21.00' LT
PJ5022



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: LAKEVIEW DRIVE	SHEET 188	E

2

N

4'X8' INSULATION BOARD POLYSTYRENE, 2-INCH THICK (TYP.)

STA 10+15.00 R/L Elmwood Ave =
STA 639+60.23 R/L 50
Y=336,102.320
X=788,991.893

SAN. SEWER MH (48 IN), OUTSIDE DROP
STA = 639+60.00 @ 1.00' RTT
PJ5057

TEE 16 INCH X 16 INCH
639+76.00, -8.00'LT

REDUCER 16 INCH X 8 INCH
639+76.00, -27.00'LT

BEND 8 INCH
639+76.00, -34.40'LT

NOTE: SANITARY AND WATER LATERALS SHALL BE CONNECTED AT THE EARLIEST CLEAN POINT

VALVE & BOX 8 INCH
639+78.76, -46.65'LT

REDUCER 8 INCH X 6 INCH
639+79.43, -49.66'LT

BEND 6 INCH
639+79.95, -52.02'LT

CONNECT TO EXISTING WATERMAIN (6 INCH)
ELEVATION TO BE VERIFIED IN THE FIELD
STA. 10+76.81, 15.11' RT

BEND 6 INCH
639+88.25, -56.54'LT

HYDRANT
STA. 639+95, 39.00' LT
BURY LINE ELEV. = 885.87

VALVE & BOX 6 INCH
639+90.92, -39.89'LT

TEE 8 INCH X 6 INCH
639+77.90, -42.75'LT

SAWCUT, REMOVE, AND REPLACE ASPHALT AS NECESSARY FOR SANITARY SEWER INSTALLATION, TO BE PAID FOR BY CITY

PJ5056
SAN. SEWER MH (48 IN)
STA = 640+14.49 @ 244.79' LTT

1 - WYE 12 INCH X 6 INCH, TYP.
6 IN SANITARY LATERAL, TYP.

REMOVE AND REPLACE CURB & GUTTER AS NECESSARY FOR SANITARY SEWER CONNECTION TO BE PAID FOR BY CITY

SEED, FERTILIZE, EROSION MAT, AND TOPSOIL ALL AREAS DISTURBED BY SANITARY LATERAL INSTALLATION. TO BE PAID FOR BY CITY. (TYP.)

ELMWOOD AVE

STH 50

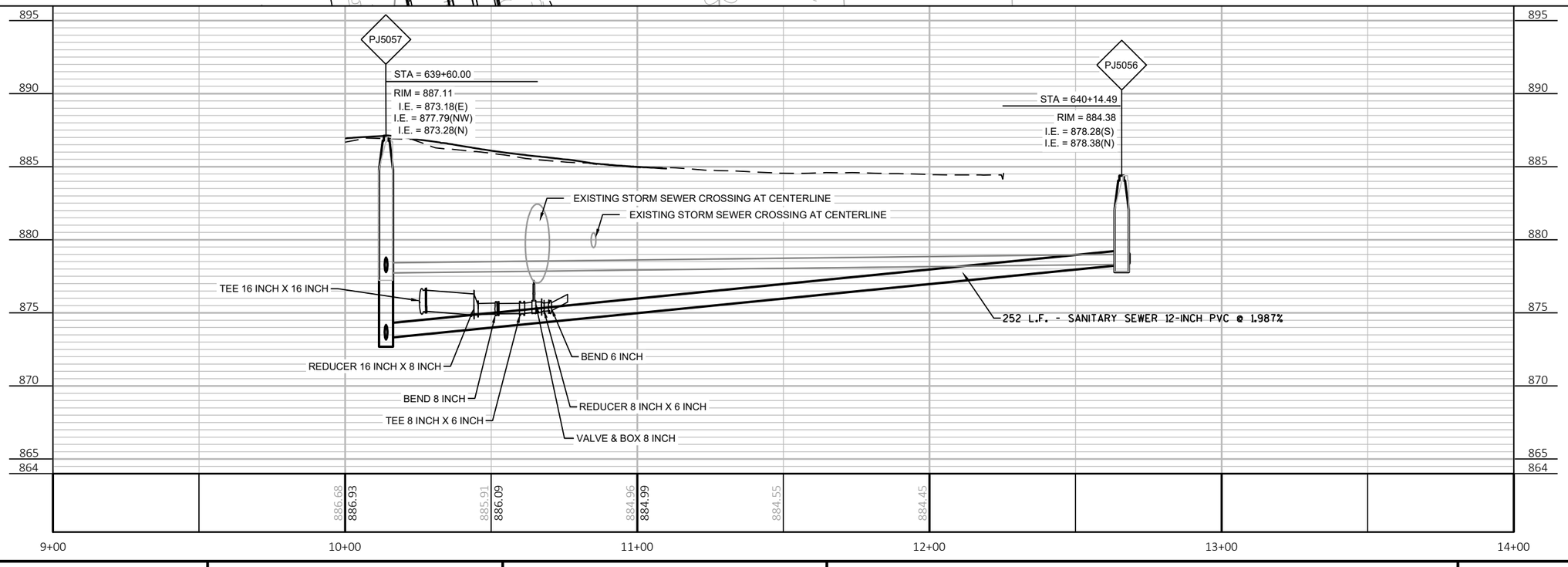
639+00

640+00

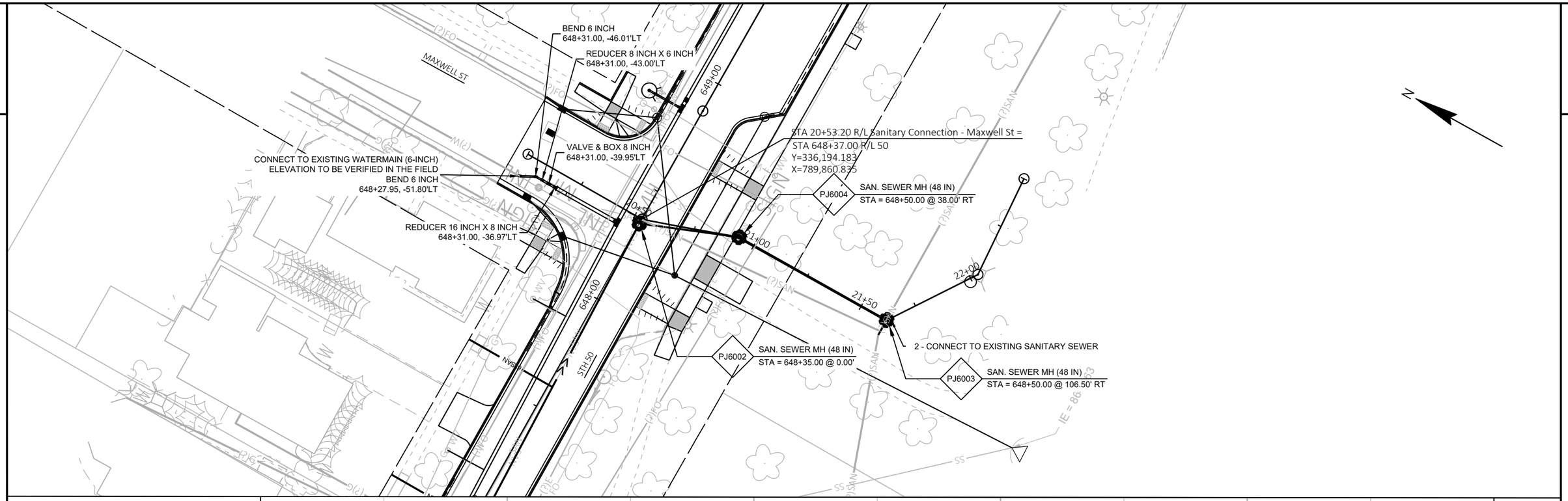
11+00

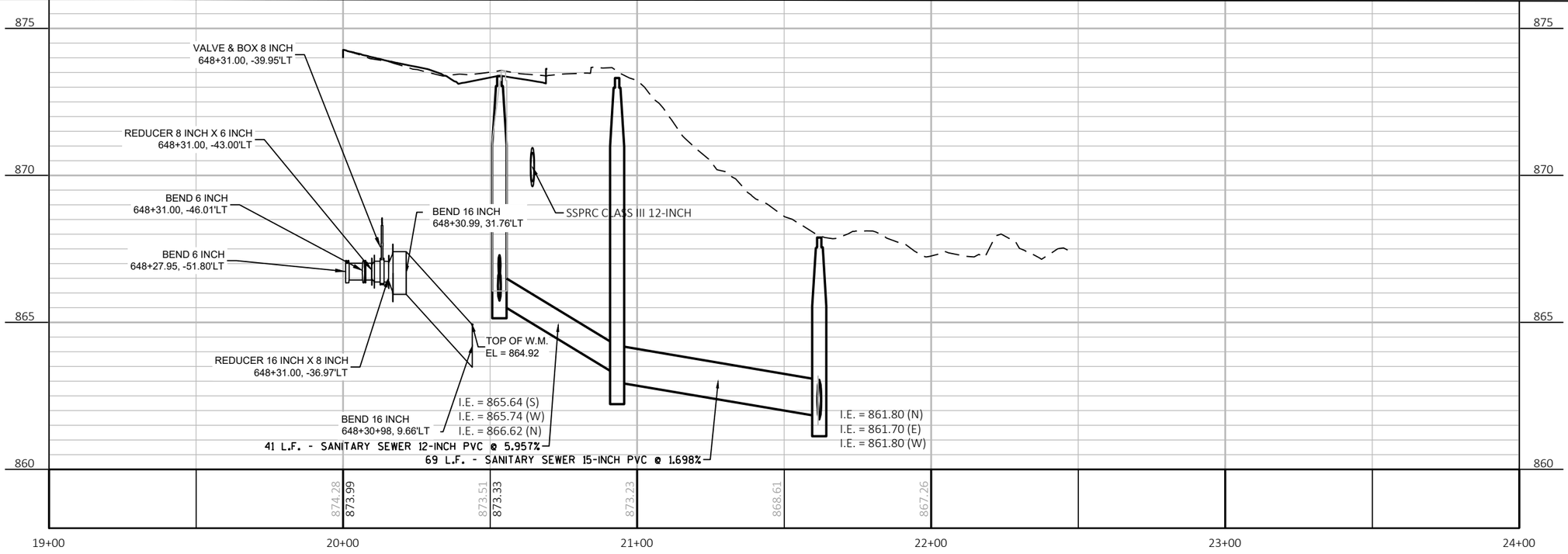
12+00

6" SAN



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: ELMWOOD AVE	SHEET 189 E



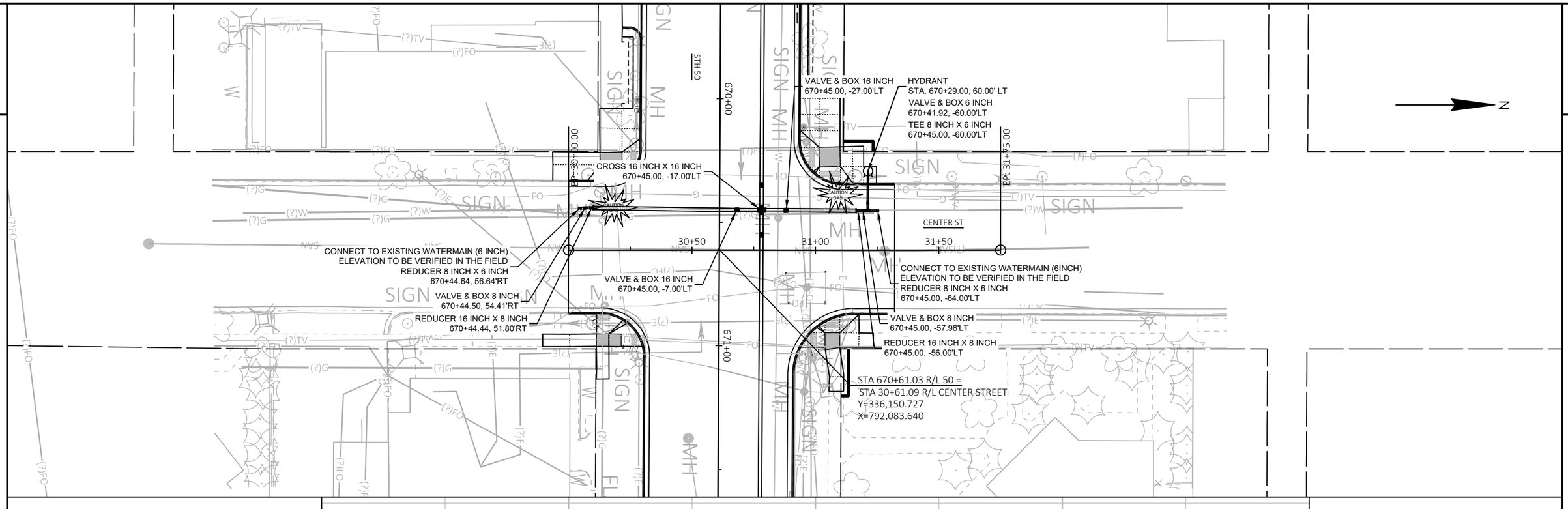


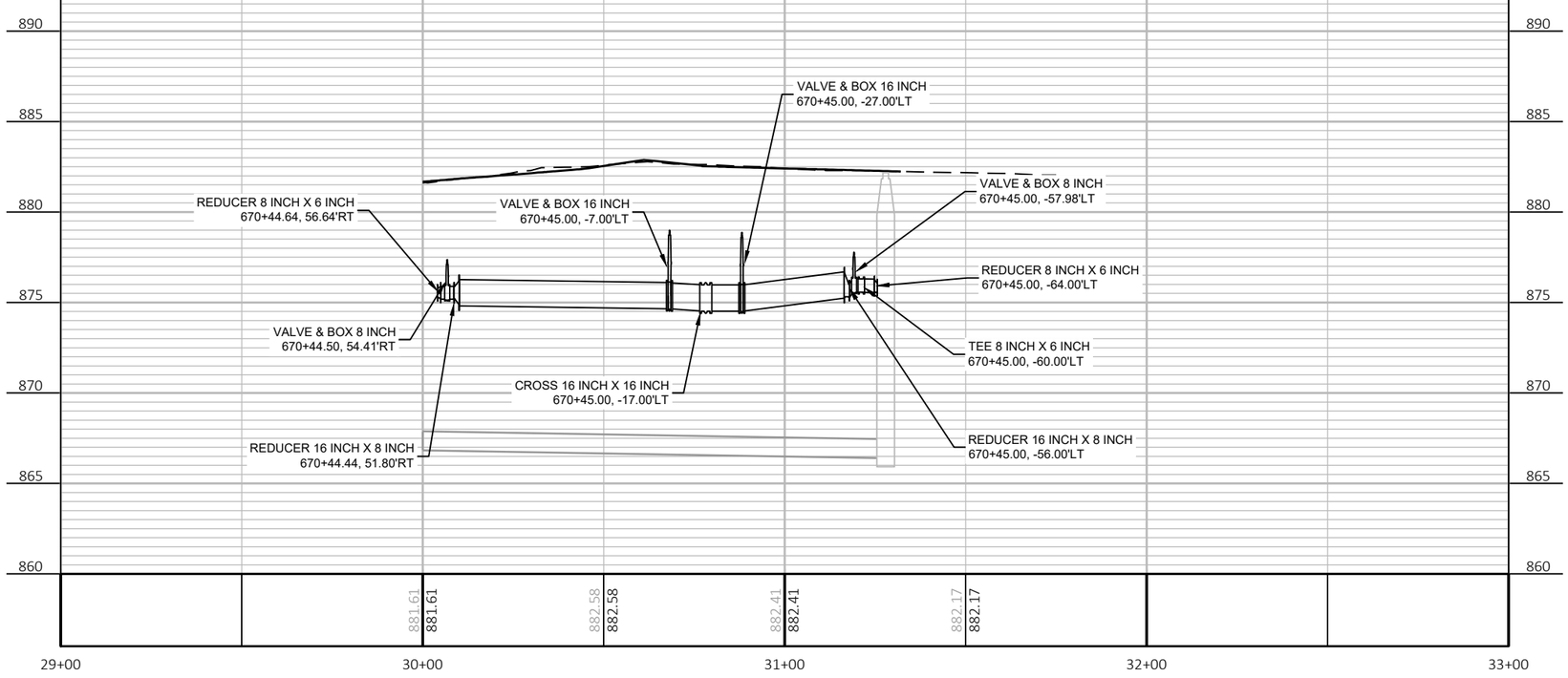
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: MAXWELL STREET	SHEET 190	E

FILE NAME : G:\07\07815\07815013\CADD\C3D\SHEETS\07815013 PLAN-PROFILE UTILITY WISDOT MAXWELL ST.DWG
LAYOUT NAME - 18

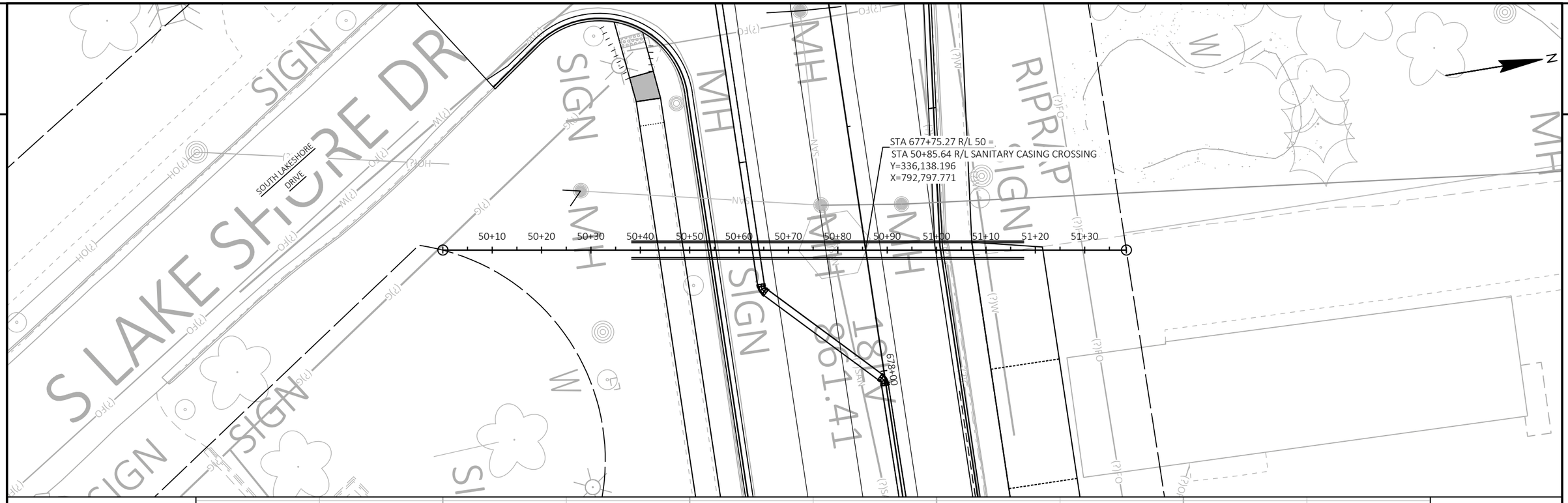
PLOT DATE : 7/31/2026 4:36 PM PLOT BY : SIERRA PARKER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2





PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: CENTER STREET	SHEET 191	E



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	UTILITY PLAN: STA 677+75.27	SHEET 192	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

FOREST ST

STOP R100 REMOVE R1-1

DO NOT ENTER R101 REMOVE R5-1

STOP SCHOOL BUS FLASHING RED LIGHTS R102 REMOVE R59-51

R/L STH 50

R/L STH 50

SIGN MH SIGN SIGN SIGN SIGN MH MH MH

614 615 616 617 618 619 620

STH 50

MATCH LINE STA 620+00

BEGIN PROJECT ID 3170-09-71
STA 618+50.00 R/L STH 50

SIGN SIGN SIGN SIGN SIGN SIGN

RIPRAP RIPRAP

INL

STOP R103 REMOVE R1-1

STREET NAME SIGNS TO BE MOVED BY CITY

NO OUTLET R104 REMOVE W14-2

SNAKE RD

SIGNING NOTES:

TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED IN ACCORDANCE WITH 638.3.4(2) OF THE STANDARD SPECIFICATIONS.

SIGNING COORDINATOR	COUNTY(S)	PHONE #
• BREE JOHNS-KONKEL	MILWAUKEE, RACINE, OZAUKEE, WASHINGTON	414-750-2814
• CHUCK SALDIVAR	KENOSHA, WALWORTH, WAUKESHA	414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (SEE ABOVE FOR PHONE NUMBER) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON EXISTING NO PASSING ZONES. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.

SHEET 1 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 193	E

2

N

PEARSON DR

STREET NAME SIGNS
TO BE MOVED BY CITY

R200 STOP
REMOVE R1-1

R201 SPEED LIMIT 35
REMOVE R2-1

R202 M2-1 JCT MR1-99 RUSTIC ROAD M6-1
REMOVE

R/L STH 50

STH 50

MATCH LINE STA 620+00

MATCH LINE STA 625+00

620 621 622 623 624

R203 SPEED LIMIT 35
REMOVE R2-1

R204 REMOVE M3-2 EAST M1-6 50

R205 NO PARKING IN THE
REMOVE R7-53D

R206
REMOVE W1-8

SHEET 2 OF 23

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 194	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 02-ps_r

PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

MATCH LINE STA 625+00

MATCH LINE STA 631+00

STH 50

625 626 627 628 629 630

R/L STH 50

SKY LN

LAKE VIEW DR

R300 REMOVE W1-6

R301 STOP REMOVE R1-1

R302 REMOVE W6-1 ON UTILITY POLE

R303 REMOVE W1-8

R304 REMOVE W1-6 ON SIGN SUPPORT WITH FLASHERS

R305 REMOVE W1-8

R306 REMOVE W1-8

R307 STOP REMOVE R1-1

R308 SPEED LIMIT 25 REMOVE R2-1 ON LIGHT POLE

R309 R4-1 DO NOT PASS

R310 R14-1 TRUCK ROUTE

R311 NO OUTLET REMOVE W14-2

STREET NAME SIGNS TO BE MOVED BY CITY

SHEET 3 OF 23

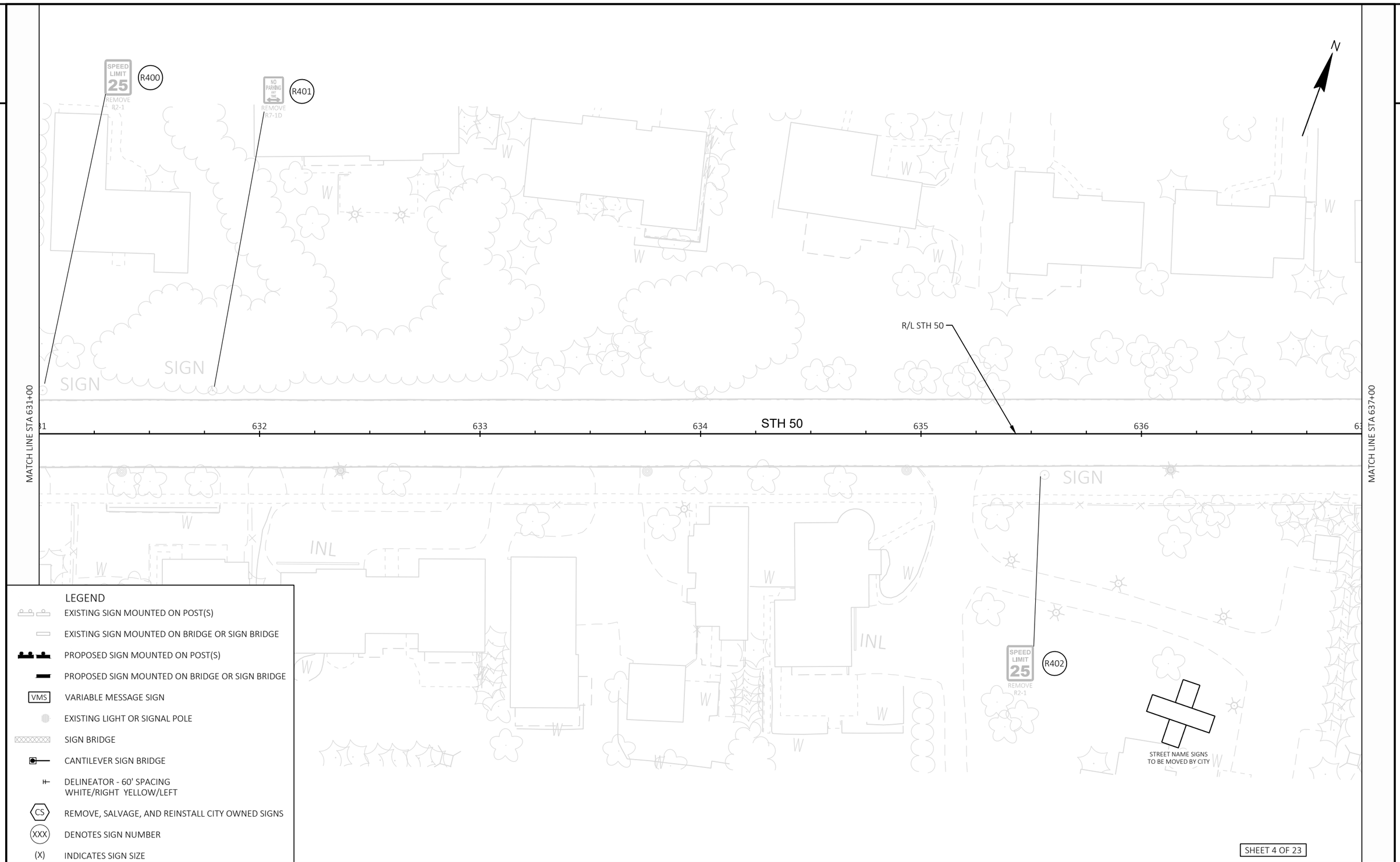
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 195	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 03-ps_r

PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 4 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 196	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 04-ps_r

PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

LINDA LN

ELMWOOD AVE

R501 STOP — REMOVE R1-1

R502 NO PARKING ANY TIME — REMOVE R7-1D

STREET NAME SIGNS TO BE MOVED BY CITY

R500 STOP — REMOVE R1-1

R/L STH 50

STH 50

638 639 640 641 642

MATCH LINE STA 637+00

MATCH LINE STA 643+00

R503 SPEED LIMIT 25 — REMOVE R2-1 ON LIGHT POLE

SHEET 5 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 197	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 05-ps_r

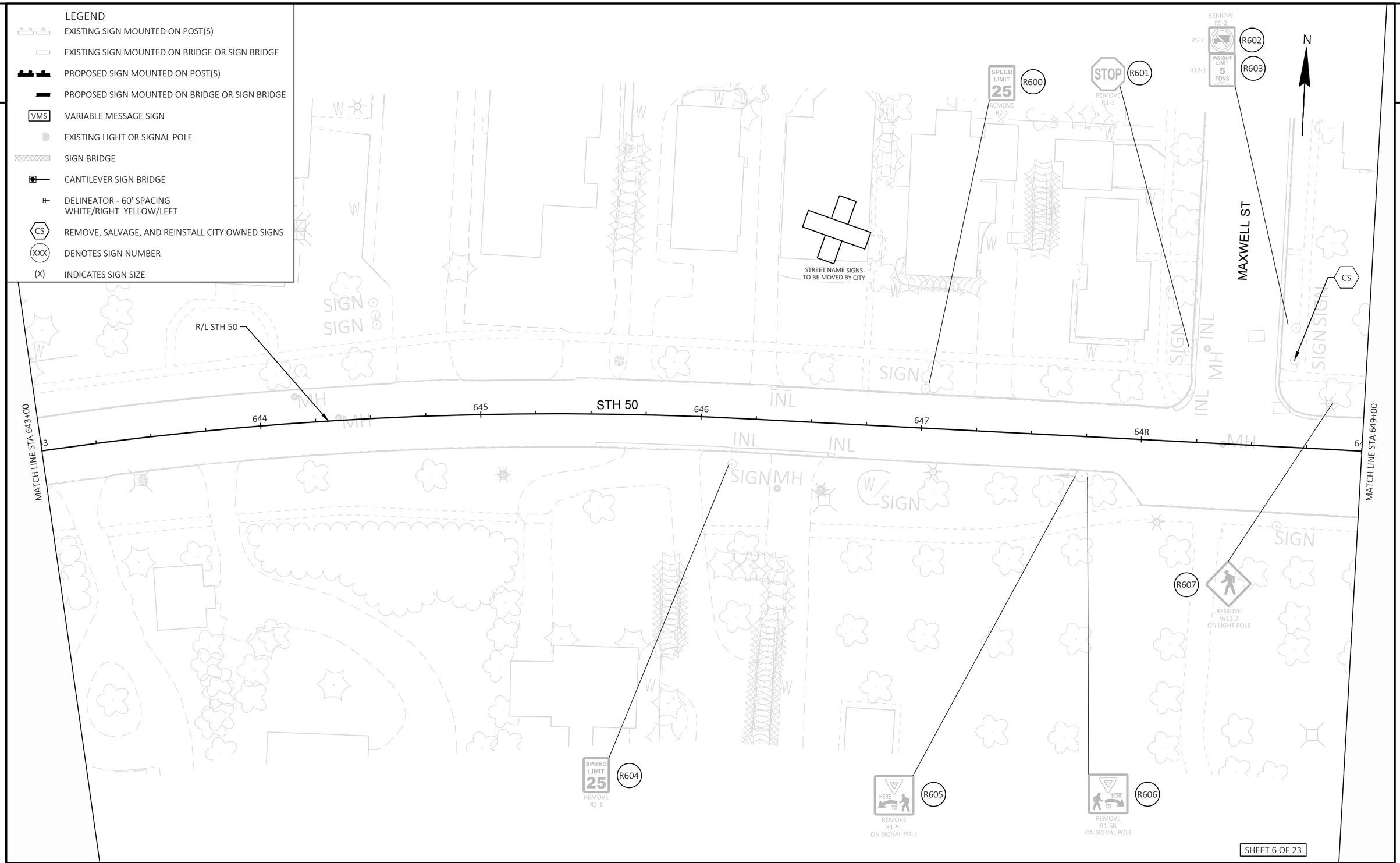
PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 6 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 198	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 06-ps_r

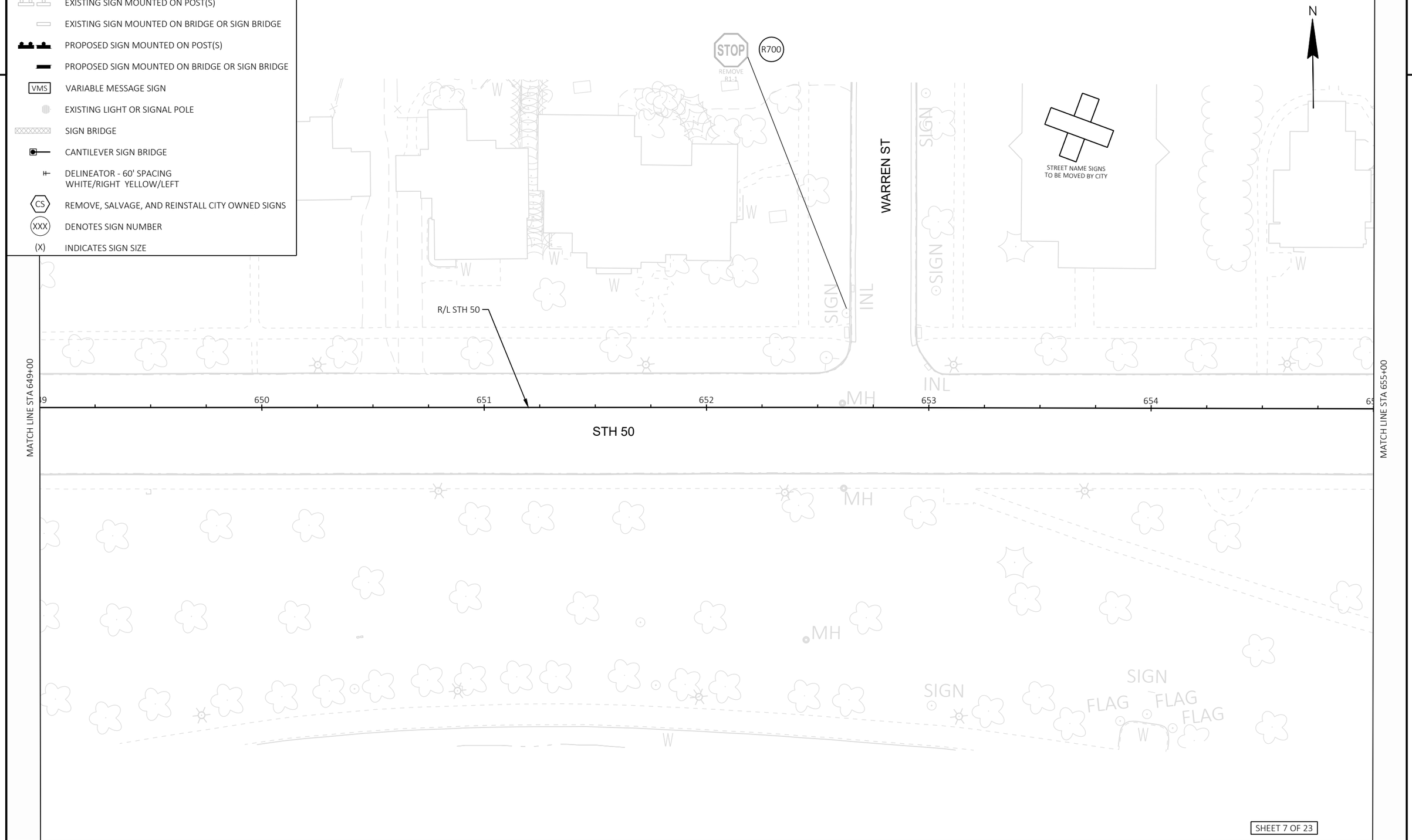
PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 7 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 199	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 07-ps_r

PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

R800
REMOVE R1-5R ON SIGNAL POLE

R801
REMOVE R1-5L ON SIGNAL POLE

R802
REMOVE R1-1

R803
REMOVE R7-53D

R804
REMOVE R2-1 ON SIGNAL POLE

MADISON ST

R/L STH 50

MATCH LINE STA 655+00

656 657 658 659 660

STH 50

MATCH LINE STA 661+00

R805
REMOVE R7-8A

R806
REMOVE R7-8A

STREET NAME SIGNS TO BE MOVED BY CITY

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 8 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 200	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 08-ps_r

PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

MATCH LINE STA 661+00

661 662 663 664 665 666 667

MATCH LINE STA 667+00

STH 50

BROAD ST

R900 STOP — REMOVE R1-1F ON SIGNAL POLE

CS

R901 RESERVED PARKING — REMOVE R7-8A

R/L STH 50

R902 M3-4 WEST M1-6 50 M6-1 — REMOVE ON SIGNAL POLE

R903 STOP — REMOVE R1-1F ON SIGNAL POLE

OSS

R904 ONLY ONLY ONLY — REMOVE R3-8LAR

R905 50 M1-6 M6-4 — REMOVE ON SIGNAL ARM

R906 STOP — REMOVE R1-1F ON SIGNAL POLE

CS

R907 STOP

R908

REMOVE R1-1F ON SIGNAL POLE

R909 DO NOT ENTER — REMOVE R5-1

R910 — REMOVE R3-1

R911 ONE WAY — REMOVE R6-2L

R912 RESERVED PARKING — REMOVE R7-8A

OSS

R913 ONLY ONLY ONLY — REMOVE R3-8LAR

CS

R914 STOP — REMOVE R1-1F ON SIGNAL POLE

R915 50 M1-6 M6-4 — REMOVE ON SIGNAL ARM

R916 RESERVED PARKING — REMOVE R7-8A

STREET NAME SIGNS TO BE MOVED BY CITY

R917 STOP — REMOVE R1-1F ON SIGNAL POLE

OSS

R918 ONLY ONLY ONLY — REMOVE R3-8LAR

R919 EAST M3-2 50 M1-6 M6-1 — REMOVE ON SIGNAL POLE

SHEET 9 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 201	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 09-ps_r

PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

R1000 — ONLY ONLY ONLY — REMOVE R3-8LAR

R1003 — ONLY — REMOVE R3-50L

R1014 — REMOVE R3-60R

OSS

CENTER ST

STREET NAME SIGNS TO BE MOVED BY CITY

R1002 — STOP — REMOVE R1-1F ON SIGNAL POLE

REMOVE R7-8A — RESERVED PARKING — R1001

OSS

OSS

N

R1006 — ONLY ONLY ONLY — REMOVE R3-8LAR

REMOVE R7-1D — NO PARKING ANY TIME — R1005

STOP — R1004 — REMOVE R1-1F ON SIGNAL POLE

CS

OSS

MATCH LINE STA 667+00

667 668 669 670 671 672 673

MATCH LINE STA 673+00

OSS

STH 50

R/L STH 50

CS

R1007 — ONLY ONLY ONLY — REMOVE R3-8LAR

STOP — R1008 — REMOVE R1-1F ON SIGNAL POLE

R1009 — REMOVE R5-2

CS

NO PARKING ANY TIME — R1012 — REMOVE R7-1L

NO PARKING ANY TIME — R1013 — REMOVE R7-1R

STOP — R1011 — REMOVE R1-1F ON SIGNAL POLE

W11-2 — S16-9P AHEAD — R1015 R1016 — REMOVE ON LIGHT POLE

DO NOT BLOCK INTERSECTION — R1010 — REMOVE R10-7

FLAG

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 10 OF 23

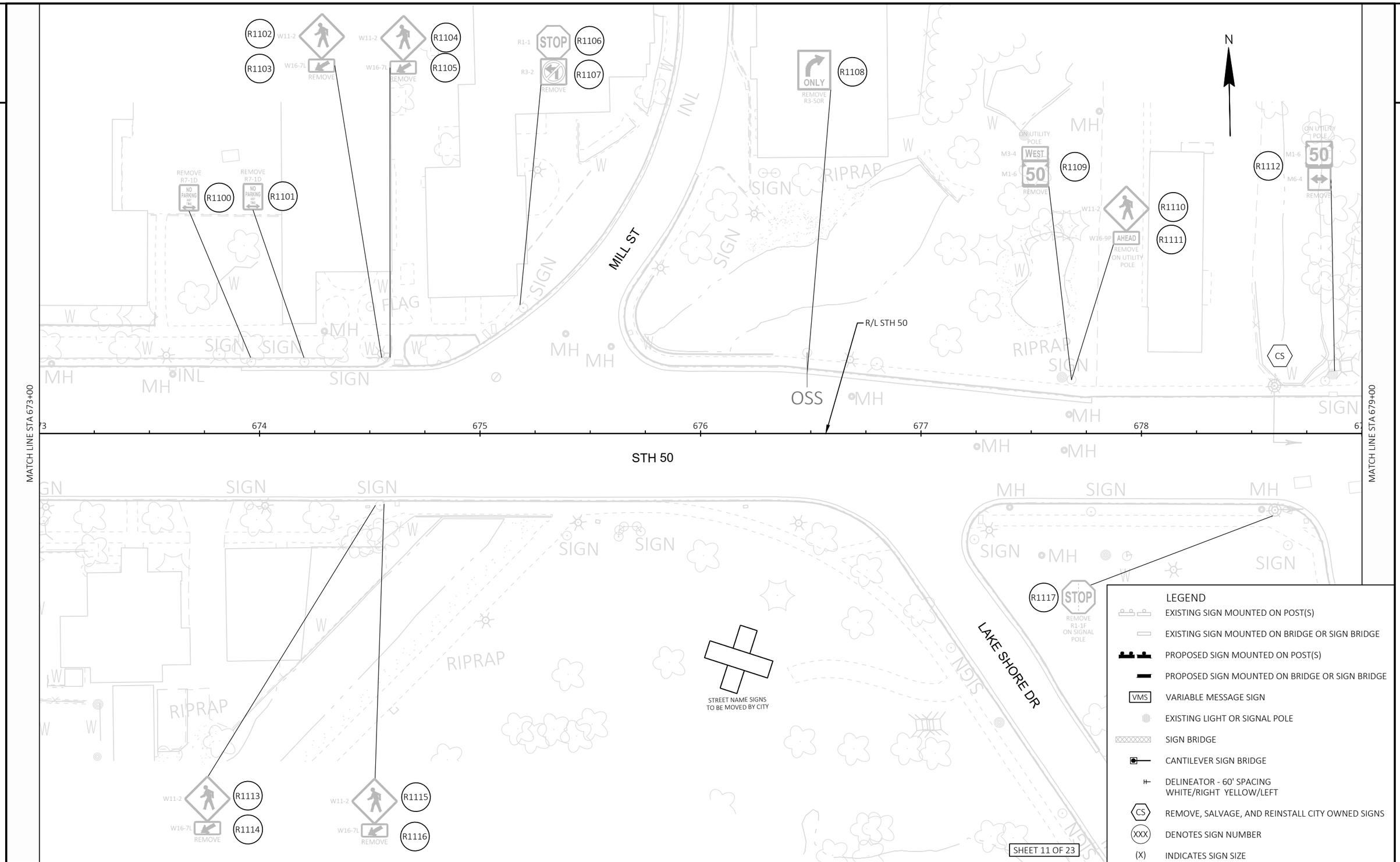
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 202	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 10-ps_r

PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 203	E

2

END PROJECT 3170-09-71/BEGIN PROJECT ID 3170-09-70
STA 682+76.86 R/L STH 50
Y: 336,132.514
X: 793,299.317

N

ON SIGNAL POLE REMOVE R1-1
STOP R1200 R1201

R1204 D11-1 BIKE ROUTE M7-5 REMOVE R1203

STOP REMOVE R1-1 R1205

NO OUTLET REMOVE W14-2 R1206

COUNTRY CLUB DR

R/L STH 50

MATCH LINE STA 679+00

STH 50

679 680 681 682 683 684 685

MATCH LINE STA 685+00

STOP R1202 REMOVE R1-1F ON SIGNAL POLE

WELLS ST

STREET NAME SIGNS TO BE MOVED BY CITY

R1207 SPEED LIMIT 25 REMOVE R2-1

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 12 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 204	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 12-ps_r
PLOT DATE : 9/24/2026 8:56 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

R1300 — SPEED LIMIT 25 — REMOVE R2-1

R1301 — REMOVE W11-2

STREET NAME SIGNS TO BE MOVED BY CITY

R1302 — SPEED LIMIT 25 — REMOVE R2-1

R/L STH 50

MATCH LINE STA 685+00

685 686 687 688 689 690 691

MATCH LINE STA 691+00

STH 50

WEST ST

R1303 — NO PARKING ON THIS SIDE — REMOVE R7-53D

R1304 — REMOVE W11-1

R1305 — REMOVE W11-2

R1306 — STOP — REMOVE R1-1

SHEET 13 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 205	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 13-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

STOP
R1400
REMOVE
R1-1

REMOVE
R2-1
SPEED
LIMIT
25
R1401
R1402
S1-1

HAVENWOOD DR

FLAG

RIPRAP

STREET NAME SIGNS
TO BE MOVED BY CITY

N

SIGN

MH

R/L STH 50

MATCH LINE STA 691+00

691

692

693

694

695

696

MATCH LINE STA 697+00

STH 50

EAST ST

R1403
REMOVE
W11-2

STOP
R1404
REMOVE
R1-1

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 14 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 206	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 14-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

SPEED LIMIT 25 REMOVE R2-1 — R1503

SPEED LIMIT 25 REMOVE W3-5 — R1500

R/L STH 50

SIGN

MH

MATCH LINE STA 697+00

MATCH LINE STA 703+00

697 698 699 700 701 702 703

STH 50

SIGN

MH

SIGN

SIGN

STREET NAME SIGNS
TO BE MOVED BY CITY

FLAG

CURTIS ST

RIPRAP

FLAG

W

SPEED LIMIT 40 REMOVE R2-1 — R1502

STOP REMOVE R1-1 — R1501

SHEET 15 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 207	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 15-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
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- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

STREET NAME SIGNS
TO BE MOVED BY CITY

R/L STH 50

MATCH LINE STA 703+00

703 704 705 706 707 708 709

MATCH LINE STA 709+00

STH 50

SIGN

RIPRAP

SIGN

WEST DR

INL

SIGN

GN

SIGN

FLAG

SIGN

SIGN

R1600

STOP

REMOVE
R1-1

SHEET 16 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 208	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 16-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
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- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

STREET NAME SIGNS
TO BE MOVED BY CITY

R/L STH 50

MATCH LINE STA 709+00

709 710 711 712 713 714 715

MATCH LINE STA 715+00

STH 50

W

SIGN

SIGN

SIGN

W

W

W

W

LOCKWOOD BLVD

FLAG

MH

STOP

REMOVE
R1-1

R1700

SHEET 17 OF 23

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 209	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 17-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
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N

STREET NAME SIGNS TO BE MOVED BY CITY

FLAG

SPEED LIMIT 40 REMOVE R2-1 — R1800

STOP REMOVE R1-1 — R1801

R/L STH 50

MATCH LINE STA 715+00

715 716 717 718 719 720 721

STH 50

MATCH LINE STA 721+00

SIGN MH W INL

M2-1 JCT M1-6 12 REMOVE — R1802

M2-1 JCT M1-6 120 COUNTY H M6-1 REMOVE — R1803

STOP REMOVE R1-1 — R1804

EAST DR

ONLY ONLY ONLY ONLY ONLY REMOVE R3-8LAARR — R1805

R1806

REMOVE W3-3

R1807

REMOVE W11-1

S-64-204 OSS

R1808 R1809

ONLY ONLY REMOVE R3-5R REMOVE R3-5R

SHEET 18 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 210	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 18-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

2

N

EDWARDS BLVD

STH 120

STH 50

R/L STH 50

MATCH LINE STA 721+00

MATCH LINE STA 727+00

721 722 723 724 725 726

R1900 R1901 R1902 R1903 R1904 R1905 R1906 R1907 R1908 R1909 R1910 R1911 R1912 R1913 R1914 R1915 R1916 R1917 R1918 R1919 R1920 R1921 R1922 R1923 R1924 R1925 R1926 R1927 R1928 R1929 R1930

STREET NAME SIGNS TO BE MOVED BY CITY

REMOVE R4-7 ON SIGNAL POLE

REMOVE D11-1

REMOVE R1-1F ON SIGNAL POLE

REMOVE W4-2R

REMOVE R2-1

REMOVE W9-2L

REMOVE W12-1-D

REMOVE R10-11F

REMOVE R4-4

REMOVE W11-1

REMOVE D1-2

SHEET 19 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 211	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

STH 50

MATCH LINE STA 727+00

MATCH LINE STA 733+00

727 728 729 730 731 732

R2000 — Downtown / Business Park — REMOVE R3-2

R2001 R2002 — ONLY / ONLY — REMOVE R3-5L / REMOVE R3-5L

R2003 R2004 — SPEED LIMIT 40 — REMOVE W3-5

R2005 R2006 — Lake Geneva POPULATION 8277 I2-3 / 50 — REMOVE M1-6

R2007 R2008 — SOUTH SOUTH WEST / COUNTY H 120 50 — M3-3; M1-6; M5-1L — REMOVE

R2009 — NO TURN ON RED FROM LEFT LANE — REMOVE R10-11F

R2010 — STOP — REMOVE R1-1F ON SIGNAL POLE

R2011 — ONE WAY — REMOVE R6-2L

R2012 R2013 — DO NOT ENTER / WRONG WAY — R5-1 / R5-1A — REMOVE

R2014 — RAMP 35 MPH — REMOVE W13-3

R2015 — EAST 12 — M3-2 M1-4 W13-3 — REMOVE

R2016 — SOUTH SOUTH / 120 COUNTY H — M3-3 M1-6 M6-1 M1-5A — REMOVE

STREET NAME SIGNS TO BE MOVED BY CITY

R/L STH 50

USH 12 EB ON RAMP

R2017 — REMOVE R3-1

R2018 — REMOVE R3-2

R2019 R2020 — STOP — REMOVE R1-1F ON SIGNAL POLE

SHEET 20 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 212	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 20-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

USH 12 EB OFF RAMP

R2100 DO NOT ENTER
R2101 WRONG WAY REMOVE
R2102 R2103 R2104 STOP REMOVE R1-1F ON SIGNAL POLE
R2105 REMOVE R3-1
R2106 M3-2 EAST M1-4 12 M6-1 REMOVE
R2107 R2108 M2-1 JCT M1-6 120 M1-5A COUNTY H REMOVE
R2109 REMOVE R5-1A WRONG WAY
R2110 Chicago REMOVE I2-2
R2111 R2112 REMOVE W3-3

USH 12 (EB)
USH 12 (WB)

STH 50

R/L STH 50

STREET NAME SIGNS TO BE MOVED BY CITY

R2113 BIKE ROUTE REMOVE D11-1
R2114 REMOVE R4-7 ON SIGNAL POLE
R2115 DO NOT ENTER REMOVE R5-1
R2116 REMOVE W4-1R
R2117 YIELD REMOVE R1-2
R2118 W11-1
R2119 W16-7L REMOVE
R2120 NORTH M3-1 M1-6 120 WEST M3-4 M1-4 12 COUNTY H M1-5A M5-1L M5-1L REMOVE
R2121 R2122 SPEED LIMIT 45 REMOVE R2-1
R2123 NORTH M3-1 M1-6 120 WEST M3-4 M1-4 12 COUNTY H M1-5A M5-1L M5-1L REMOVE

734 735 736 737 738

MATCH LINE STA 733+00

MATCH LINE STA 739+00

SHEET 21 OF 23

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 213	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 21-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

R2225 R2200 R2201 R2202 R2203 R2204 R2205 R2206 R2207 R2208 R2209 R2210 R2211 R2212 R2213 R2214 R2215 R2216

R2217 R2218 R2219 R2220 R2221 R2222 R2223 R2224

M3-2 EAST M1-4 12 M5-1L REMOVE

REMOVE W4-2R

REMOVE W4-1R

REMOVE R1-2 YIELD

W11-1 W16-7L REMOVE

REMOVE W4-1R

M3-2 EAST M1-6 50 M6-1 REMOVE

R5-1 DO NOT ENTER R5-1A WRONG WAY REMOVE

R1-1 STOP DIVIDED HIGHWAY REMOVE R6-3

REMOVE R4-7

DO NOT ENTER REMOVE R5-1

FREEWAY ENTRANCE REMOVE D13-3

REMOVE R3-1

N

USH 12 WB OFF RAMP

USH 12 WB ON RAMP

R/L STH 50

USH 12 WB OFF RAMP

USH 12 (WB)

STH 50

MATCH LINE STA 739+00

MATCH LINE STA 745+00

739 740 741 742 743 744

Madison REMOVE I2-2

REMOVE W3-3

REMOVE W4-2R

STREET NAME SIGNS TO BE MOVED BY CITY

NORTH 120 M3-1 M1-6 M3-4 WEST 12 COUNTY H M1-4 M1-5A M6-1 M6-1 REMOVE

ONE WAY REMOVE R6-2L

REMOVE R4-7

DO NOT ENTER REMOVE R5-1

SIGN W INL

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 22 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 214	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 22-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- CS — REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS
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- (X) — INDICATES SIGN SIZE

2

N

WRONG WAY — REMOVE R5-1A — R2300 R2301

NORTH 120 / WEST 12 / COUNTY H — M3-1, M1-6, M3-4, M1-4, M1-5A, M6-2 — REMOVE — R2302

NORTH 120 / WEST 12 / COUNTY H — M3-1, M1-6, M3-4, M1-4, M6-2 — REMOVE — R2303

RAMP 35 MPH — REMOVE W13-3 — R2304

SPEED LIMIT 45 — REMOVE R2-1 — R2305

SPEED LIMIT 45 — R2-1 — BEGIN RIGHT TURN LANE YIELD TO BIKES — REMOVE R4-4 — R2306 R2307

REMOVE R4-7 — R2308

USH 12 WB ON RAMP

R/L STH 50

MATCH LINE STA 745+00

745 746 747 748 749 750 751

STH 50

END PROJECT ID 3170-09-70
STA 750+73.69 R/L STH 50

SIGN

INL

RIPRAP

BIKE LANE — REMOVE R3-17 — R2311

Grand Geneva Way — REMOVE I2-2 — R2312

REMOVE — EAST 50 — M3-2, M1-6 — R2309

Paddock Lake 16
Kenosha 30
REMOVE D2-2 — R2310

EAST 12 / WEST 50 / SOUTH 120 / SOUTH COUNTY H — M3-2, M1-6, M3-4; M1-6, M3-3; M3-3, M1-4, M1-5A, M6-1 — REMOVE — R2313

D7-82L Ski Area
D7-82B Mountain Top
REMOVE — R2314 R2315

STREET NAME SIGNS
TO BE MOVED BY CITY

SPEED LIMIT 55 — REMOVE R2-1 — R2316

SHEET 23 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - REMOVALS	SHEET 215	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023201-PS_REM.DWG
LAYOUT NAME - 23-ps_r

PLOT DATE : 9/24/2026 8:57 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

FOREST ST

100 STOP R1-1 (3)

101 DO NOT ENTER R5-1 (2S)

102 STOP SCHOOL BUS FLASHING RED LIGHTS R59-51 (2S)

R/L STH 50

STH 50

614 615 616 617 618 619

MATCH LINE STA 620+00

BEGIN PROJECT ID 3170-09-71
STA 618+50.00 R/L STH 50

SIGN MH RIPRAP INL

104 RIGHT LANE ENDS W9-1R (3)

103 STOP R1-1 (3)

STREET NAME SIGNS TO BE MOVED BY CITY

105 NO OUTLET W14-2 (2S)

SNAKE RD

SIGNING NOTES:

TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED IN ACCORDANCE WITH 638.3.4(2) OF THE STANDARD SPECIFICATIONS.

SIGNING COORDINATOR	COUNTY(S)	PHONE #
• BREE JOHNS-KONKEL	MILWAUKEE, RACINE, OZAUKEE, WASHINGTON	414-750-2814
• CHUCK SALDIVAR	KENOSHA, WALWORTH, WAUKESHA	414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (SEE ABOVE FOR PHONE NUMBER) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON EXISTING NO PASSING ZONES. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.

SHEET 1 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 216	E

2

N

200 STOP
R1-1
(3)

PEARSON DR

STREET NAME SIGNS
TO BE MOVED BY CITY

201 SPEED LIMIT 35
R2-1
(2M)

202 RUSTIC ROAD
JR13-1

R/L STH 50

STH 50

621 622 623 624

MATCH LINE STA 620+00

MATCH LINE STA 625+00

203 SPEED LIMIT 35
R2-1
(2M)

209
W4-2R
(2S)

204 EAST 50
J4-1
(2S)

205 NO PARKING ON THIS SIGN
R7-53D
(2S)

206
W1-8
(2S)
4' MOUNTING
HEIGHT

207
W11-2
(2S)

208 AHEAD
W16-9P
(2S)

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 2 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 217	E

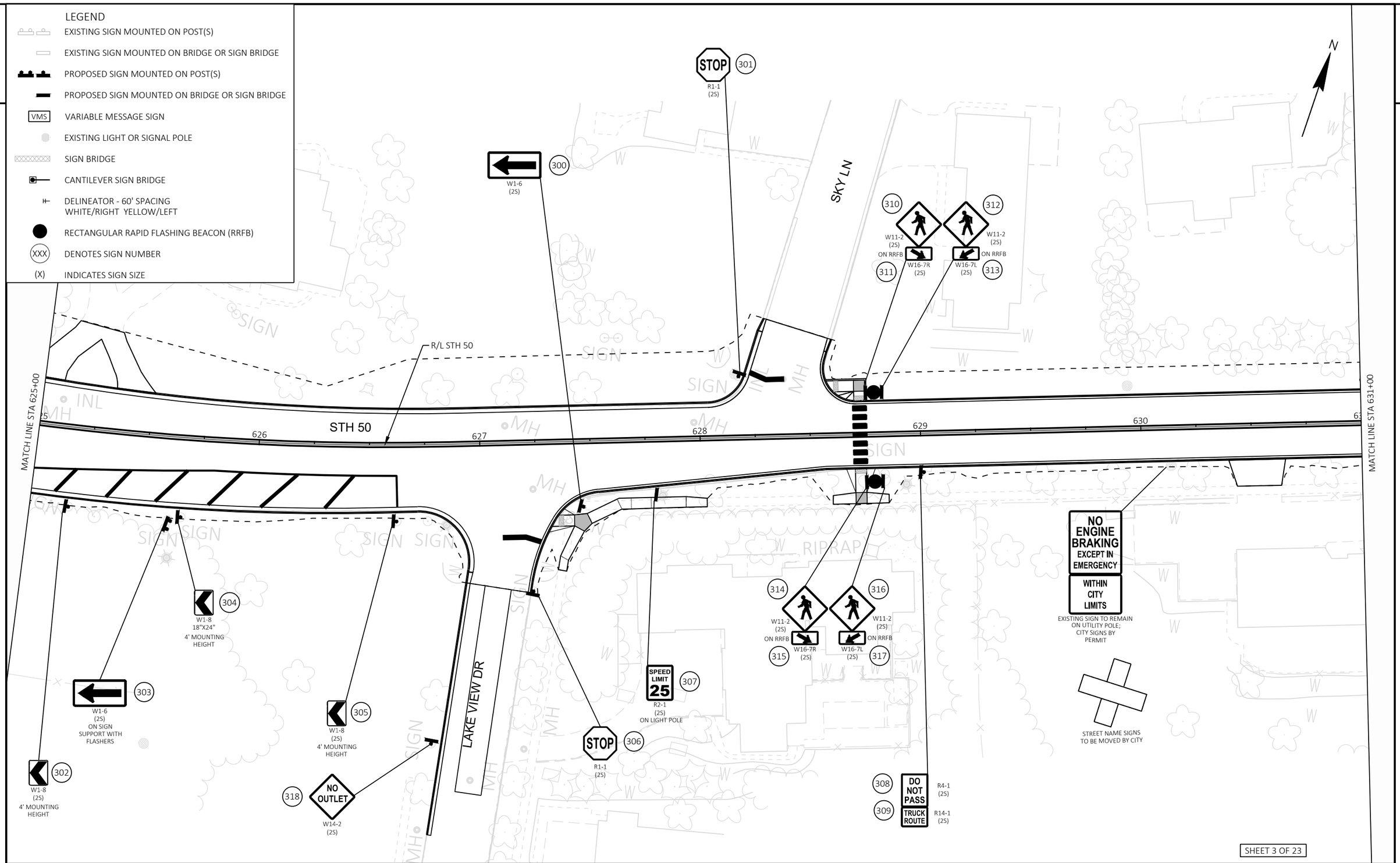
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 02-ps_p

PLOT DATE : 9/24/2026 9:03 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 3 OF 23

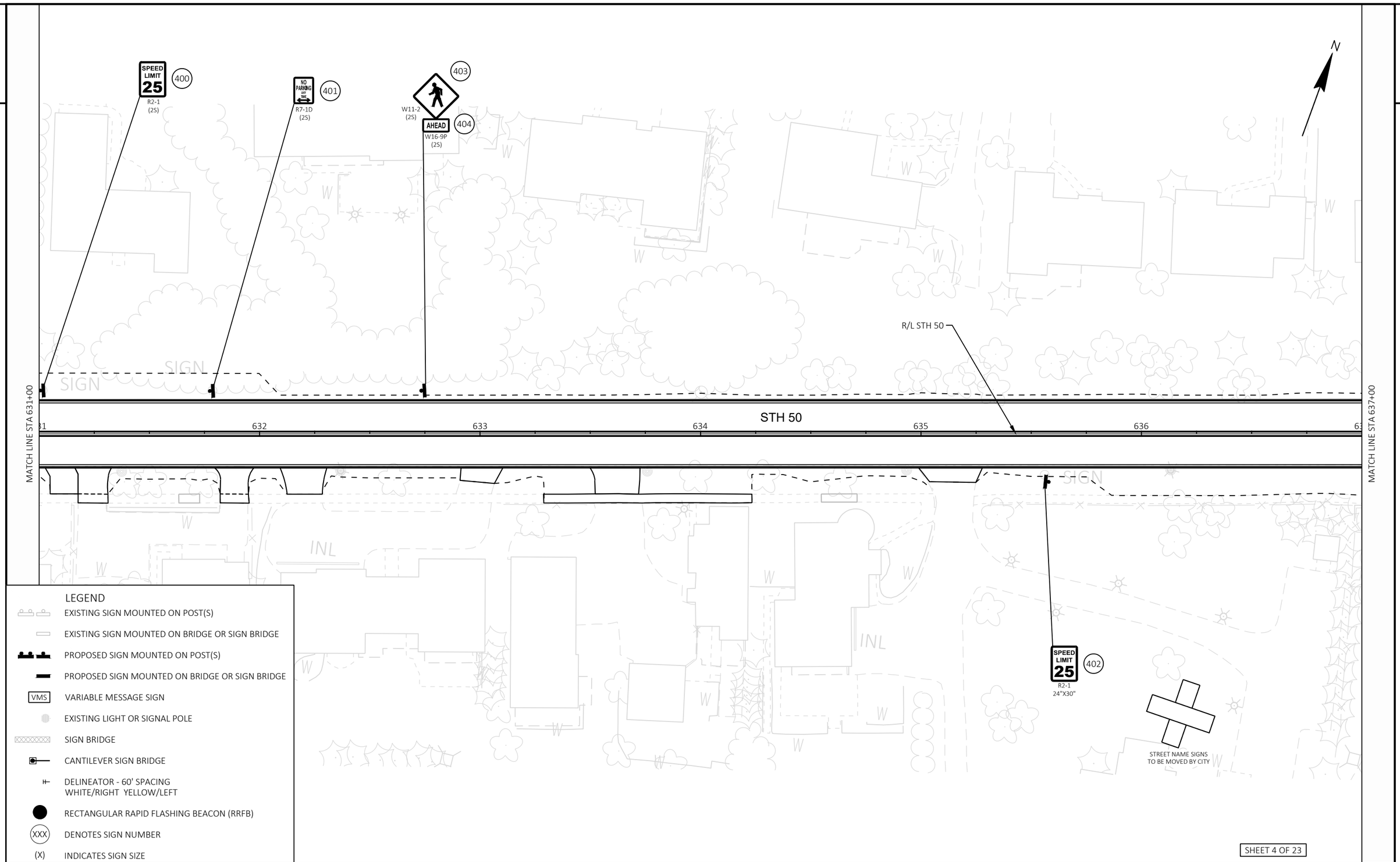
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 218	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 03-ps_p

PLOT DATE : 9/24/2026 9:03 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- (XXX) — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 4 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 219	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 04-ps_p
PLOT DATE : 9/24/2026 9:04 AM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

LINDA LN

ELMWOOD AVE

500 R1-1 (2S) STOP

501 NO PARKING R7-1D (2S)

504 W11-2 (2S) ON RRFB

505 W16-7R (2S)

506 W11-2 (2S) ON RRFB

507 W16-7L (2S)

STREET NAME SIGNS TO BE MOVED BY CITY

R/L STH 50

503 R1-1 (2S) STOP

STH 50

638 639 640 641 642

MATCH LINE STA 637+00

MATCH LINE STA 643+00

508 W11-2 (2S) ON RRFB

509 W16-7R (2S)

510 W11-2 (2S) ON RRFB

511 W16-7L (2S)

502 SPEED LIMIT 25 R2-1 (2S) ON LIGHT POLE

SHEET 5 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 220	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 05-ps_p

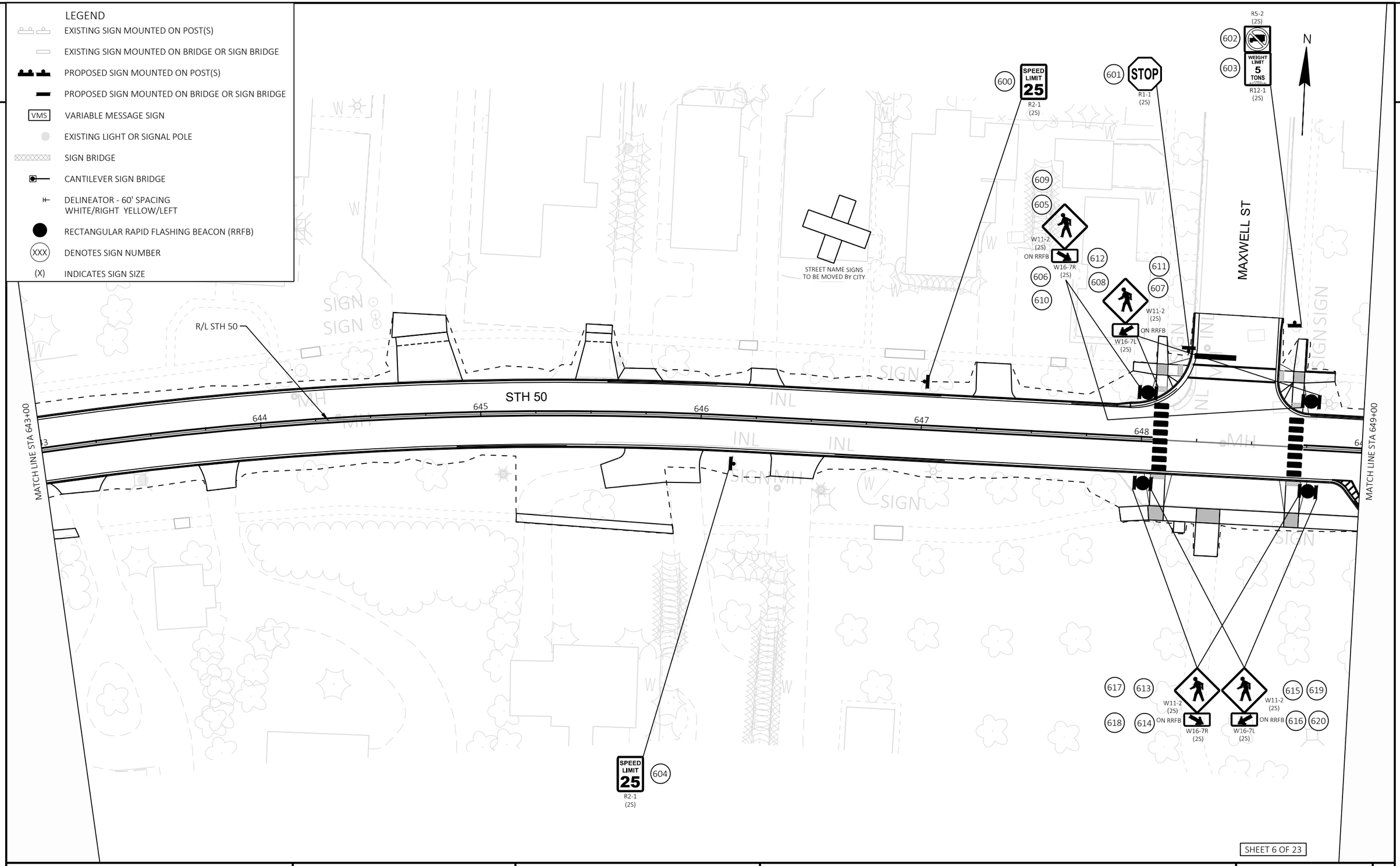
PLOT DATE : 9/24/2026 9:04 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
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- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 6 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 221	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 06-ps_p

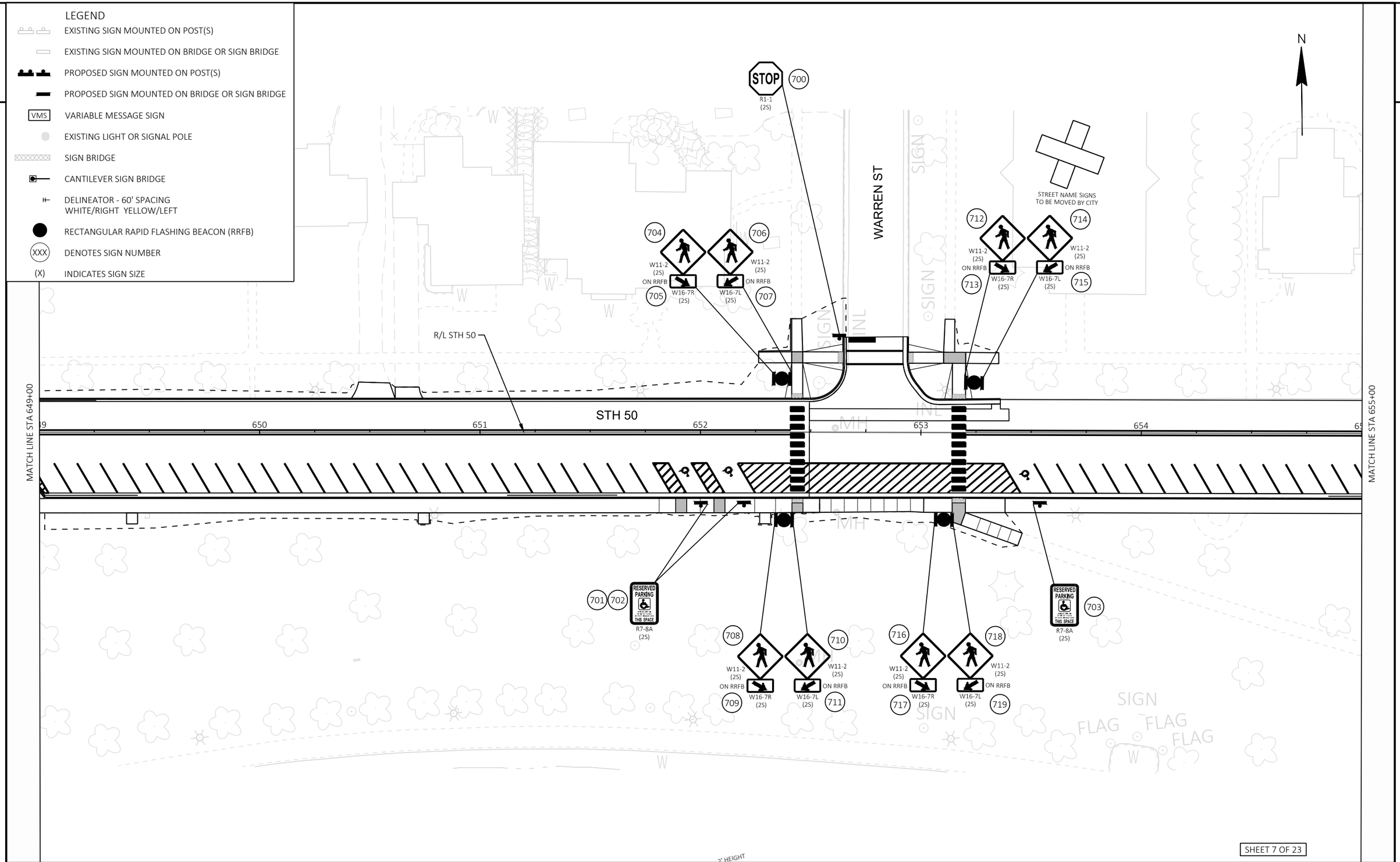
PLOT DATE : 9/24/2026 9:04 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
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- EXISTING LIGHT OR SIGNAL POLE
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- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



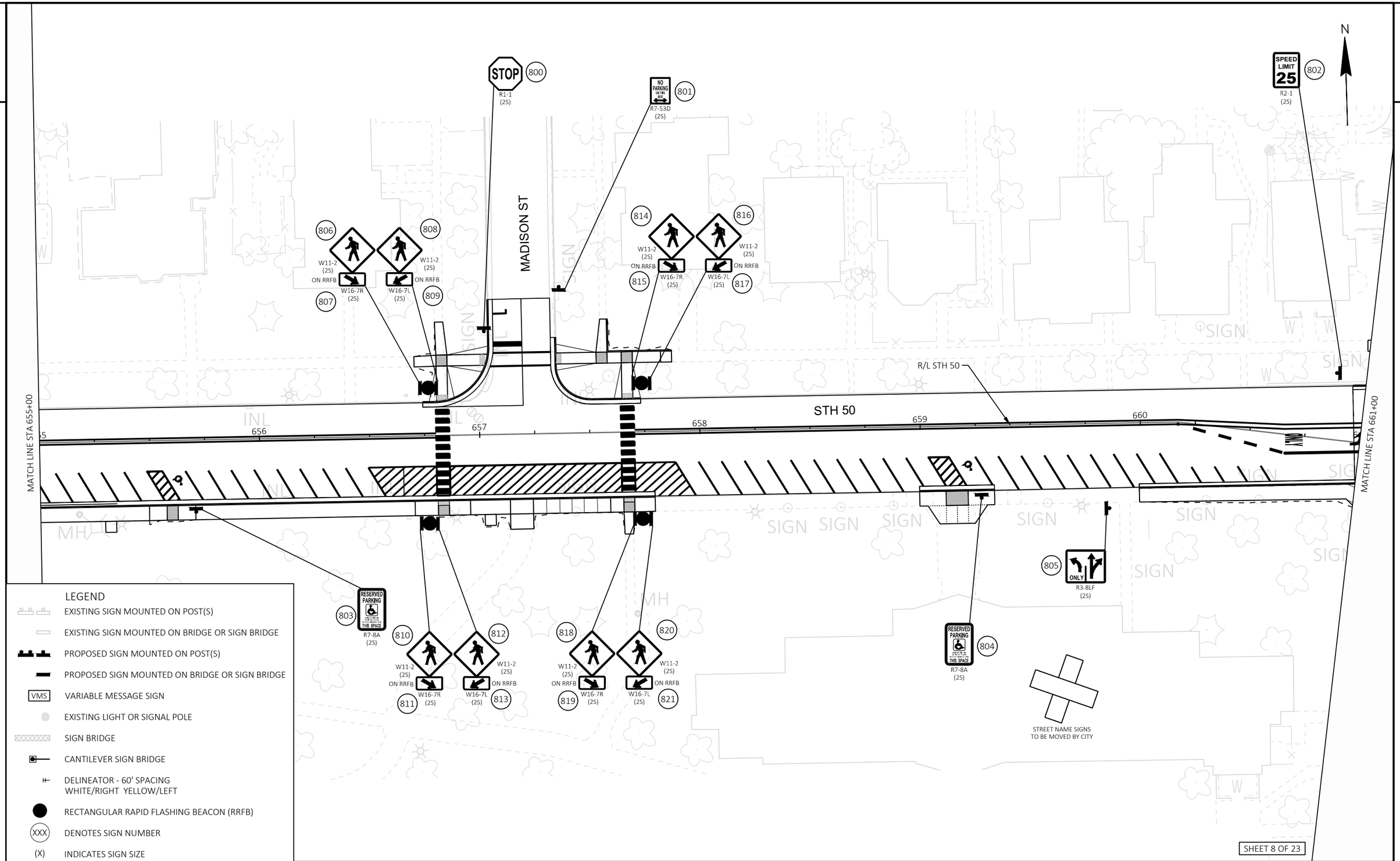
SHEET 7 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 222	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 07-ps_p

PLOT DATE : 9/24/2026 9:04 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 223	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 08-ps_p

PLOT DATE : 9/24/2026 9:04 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

927 ONLY — R3-50L (2S)
928 — R3-60R (2S)
ON SIGNAL ARM

900 STOP — R1-1F (3) ON SIGNAL POLE

901 RESERVED PARKING THIS SPACE — R7-8A (2S)

926 ONLY — R3-8LF (2S)
8' MOUNTING HEIGHT

923 ONLY — R3-50L (2S)
924 ONLY — R3-50A (2S)
925 ONLY — R3-50R (2S)
920 921 922
ON SIGNAL ARM

903 ONLY ONLY ONLY — R3-8LAR (2S)
ON EXISTING OSS (NO NUMBER)

904 STOP — R1-1F (3) ON SIGNAL POLE

902 WEST 50 — J4-1 (2S) ON SIGNAL POLE

905 50 — J12-1 (2S) ON SIGNAL ARM

906 STOP — R1-1F (3) ON SIGNAL POLE

R/L STH 50

BROAD ST

663 664 665

STH 50

MATCH LINE STA 661+00

MATCH LINE STA 667+00

COOK ST

907 908 STOP — R1-1F (3) ON SIGNAL POLE

910 — R3-1 (2S)
911 ONE WAY — R6-2L (2S)

909 DO NOT ENTER — R5-1 (2S)

913 ONLY ONLY ONLY — R3-8LAR (2S) 8' MOUNTING HEIGHT

912 RESERVED PARKING THIS SPACE — R7-8A (2S)

STREET NAME SIGNS TO BE MOVED BY CITY

914 STOP — R1-1F (3) ON SIGNAL POLE

915 50 — J12-1 (2S) ON SIGNAL ARM

916 STOP — R1-1F (3) ON SIGNAL POLE

918 EAST 50 — J4-1 (2S) ON SIGNAL POLE

919 RESERVED PARKING THIS SPACE — R7-8A (2S)

917 ONLY ONLY ONLY — R3-8LAR (2S)
ON EXISTING OSS (NO NUMBER)

SHEET 9 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 224	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 09-ps_p

PLOT DATE : 9/24/2026 9:04 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

MATCH LINE STA 667+00

MATCH LINE STA 673+00

STH 50

R/L STH 50

CENTER ST

30'

35'

STREET NAME SIGNS TO BE MOVED BY CITY

1000 — ONLY ONLY ONLY — R3-8LAR (2S) 8' MOUNTING HEIGHT

1001 — RESERVED PARKING THIS SPACE — R7-8A (2S)

1002 — STOP — R1-1F (3) ON SIGNAL POLE

1003 — ONLY — R3-5OL (2S)

1004 — STOP — R1-1F (3) ON SIGNAL POLE

1005 — NO PARKING ANY TIME — R7-1D (2S)

1006 — ONLY ONLY ONLY — R3-8LAR (2S) ON EXISTING OSS (NO NUMBER)

1007 — ONLY ONLY ONLY — R3-8LAR (2S) 8' MOUNTING HEIGHT

1008 — STOP — R1-1F (3) ON SIGNAL POLE

1009 — R5-2 (2S)

1010 — DO NOT BLOCK INTERSECTION — R10-7 (2S)

1011 — STOP — R1-1F (3) ON SIGNAL POLE

1012 — NO PARKING ANY TIME — R7-1L (2S)

1013 — NO PARKING ANY TIME — R7-1R (2S)

1014 — ONLY — R3-6OR (2S) ON EXISTING OSS (NO NUMBER)

1015 — ONLY — R3-5OL (2S)

1016 — ONLY — R3-5OA (2S) ON SIGNAL ARM

1017 — ONLY — R3-5OR (2S)

1018 — 1019 — 1020

1021 — 1022 — AHEAD — S16-9P (2S) ON LIGHT POLE — W11-15 (2S)

ON EXISTING OSS POLE (NO NUMBER)

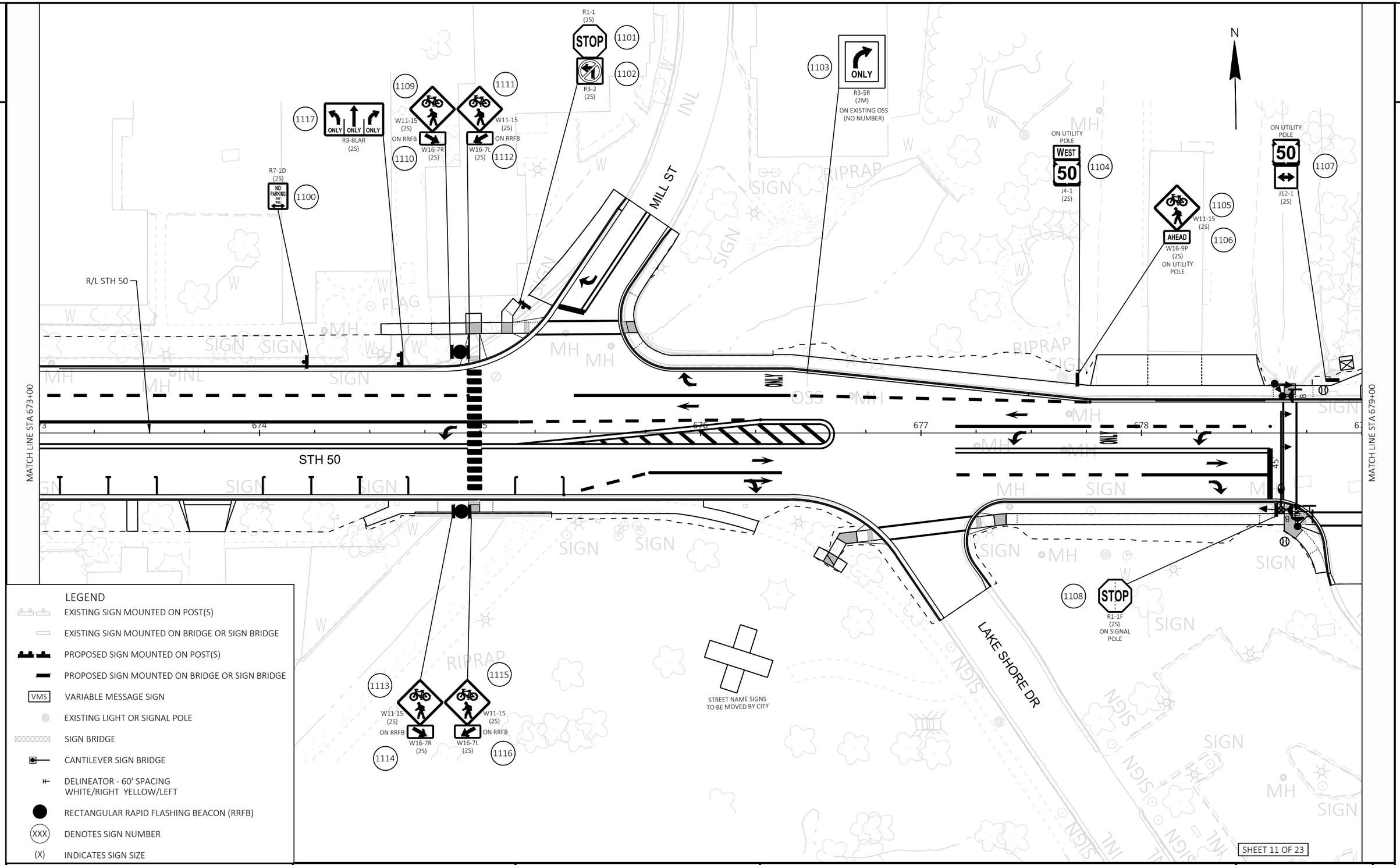
SHEET 10 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 225	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 10-ps_p

PLOT DATE : 9/24/2026 9:04 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 226	E

END PROJECT 3170-09-71/BEGIN PROJECT ID 3170-09-70
STA 682+76.86 R/L STH 50
Y: 336,132.514
X: 793,299.317

N

ON SIGNAL POLE
R1-1F (2S)
STOP 1200 1201 1203

1204 ONLY ONLY R3-8LA (2S)

1206 D11-1 (2S) BIKE ROUTE M7-5 (2S)
1207

1208 R1-1 (2S) STOP

1209 W14-2 (2S) NO OUTLET

1211 R3-9D (2S) END CENTER LANE ONLY
1212 R3-9B (2S)

COUNTRY CLUB DR

MATCH LINE STA 679+00

STH 50

679 680 681 682 683 684 685

MATCH LINE STA 685+00

25'

STOP 1202
R1-1F (2S) ON SIGNAL POLE

EAST 50 1205
J4-1 (2S)

R/L STH 50

SPEED LIMIT 25 1210
R2-1 (2S)

STREET NAME SIGNS TO BE MOVED BY CITY

1213 R3-9C (2S) BEGIN CENTER LANE ONLY
1214 R3-9B (2S)

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 227	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 12-ps_p
PLOT DATE : 9/24/2026 9:04 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

R2-1 (2S) SPEED LIMIT 25 — 1300

1301 — R2-1 (2S) SPEED LIMIT 25

1304 — R3-9D (2S) END CENTER LANE ONLY

1305 — R3-9B (2S)

1308 — W11-15 (2S) ON RRFB — W16-7R (2S) — 1309

1310 — W11-15 (2S) ON RRFB — W16-7L (2S) — 1311

1319 — END SCHOOL ZONE — S5-2 (2S)

STREET NAME SIGNS TO BE MOVED BY CITY

MATCH LINE STA 685+00

686 687 688 689 690 691

STH 50

SIGN

MH

W

R/L STH 50

WEST ST

1306 — R3-9C (2S) BEGIN CENTER LANE ONLY — R3-9B (2S) — 1307

1312 — W11-15 (2S) ON RRFB — W16-7R (2S) — 1313

1314 — W11-15 (2S) ON RRFB — W16-7L (2S) — 1315

1302 — NO PARKING ON THIS SIGN — R7-53D (2S)

1303 — STOP — R1-1 (2S)

1316 — S1-1 (2S) — S16-9P (2S) AHEAD — 1317

1318 — S4-51 (2S) SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT FINES DOUBLE

MATCH LINE STA 691+00

SHEET 13 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 228	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 13-ps_p

PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

R1-1 (2S) STOP 1400

S1-1 (2S) 1402 1407

S16-7L (2S)

R2-1 (2S) SPEED LIMIT 25 1401

HAVENWOOD DR

STREET NAME SIGNS TO BE MOVED BY CITY

N

R/L STH 50

MATCH LINE STA 691+00

MATCH LINE STA 697+00

STH 50

EAST ST

1405 1406 R9-3A (2S) USE CROSSWALK R9-3BL (2S)

S1-1 (2S) 1403 1408

S16-7L (2S)

STOP 1404

R1-1 (2S)

FLAG RIPRAP SIGN MH W

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE

SHEET 14 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 229	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 14-ps_p

PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

STOP
R1-1
(2S)

1500

1501

1504

1505

S1-1
(2S)

S16-7L
(2S)

SPEED LIMIT 25
R2-1
(2M)

STREET NAME SIGNS
TO BE MOVED BY CITY

S4-51
(2S)

SCHOOL
SPEED LIMIT 15
WHEN CHILDREN ARE PRESENT
FINES DOUBLE

1510

S1-1
(2S)

S16-9P
(2S)

AHEAD

1508

1509

1503

SPEED LIMIT 25
W3-5
(2M)

R/L STH 50

MATCH LINE STA 697+00

698

699

700

701

702

STH 50

MATCH LINE STA 703+00

SIGN

SIGN

SIGN

SIGN

FLAG

FLAG

RIPRAP

CURTIS ST

S1-1
(2S)

1506

1507

S16-7L
(2S)

SPEED LIMIT 40
R2-1
(2M)

1502

END SCHOOL ZONE
S5-2
(2S)

1511

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SHEET 15 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 230	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 15-ps_p

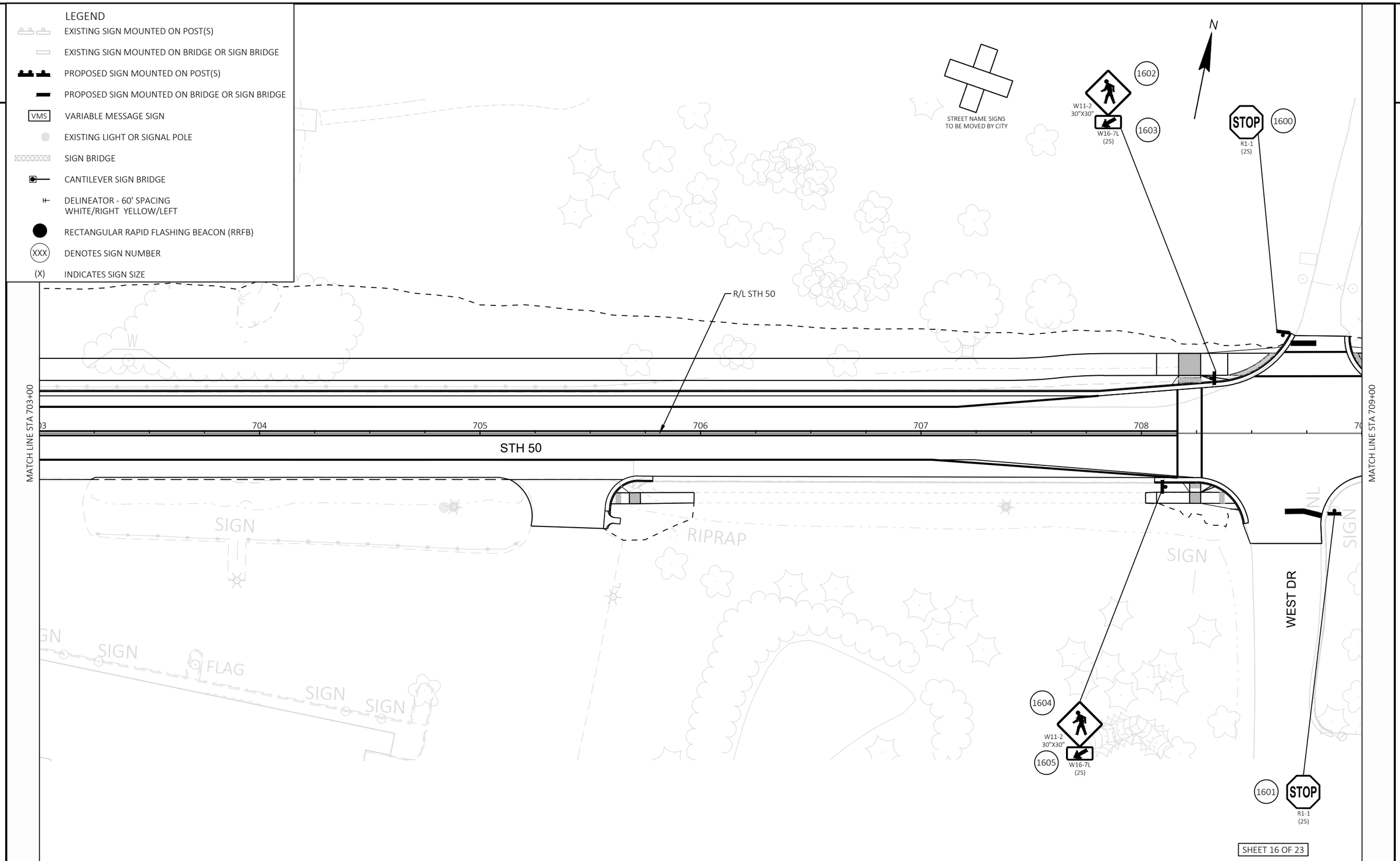
PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 16 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 231	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 16-ps_p

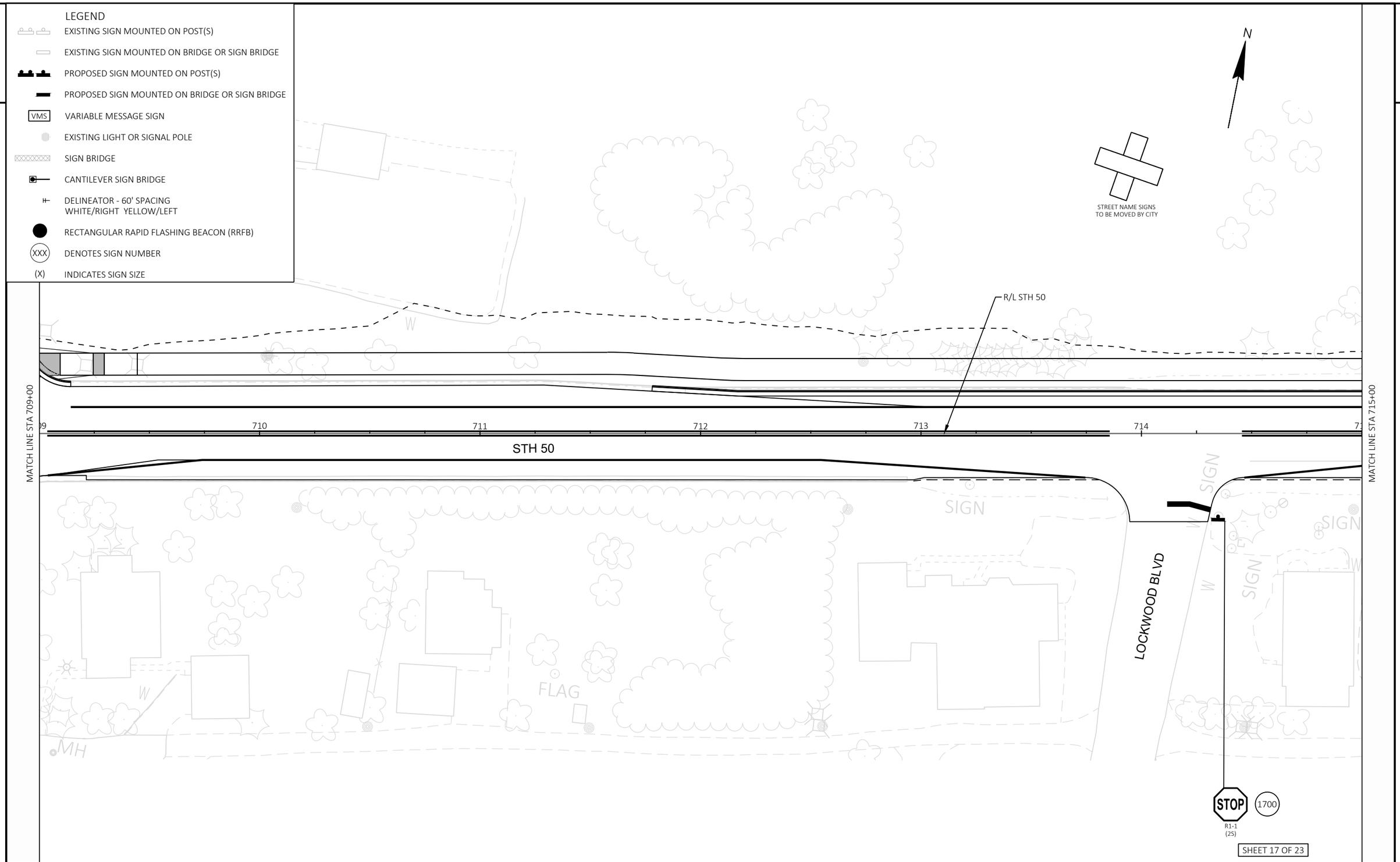
PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 17 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 232	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 17-ps_p

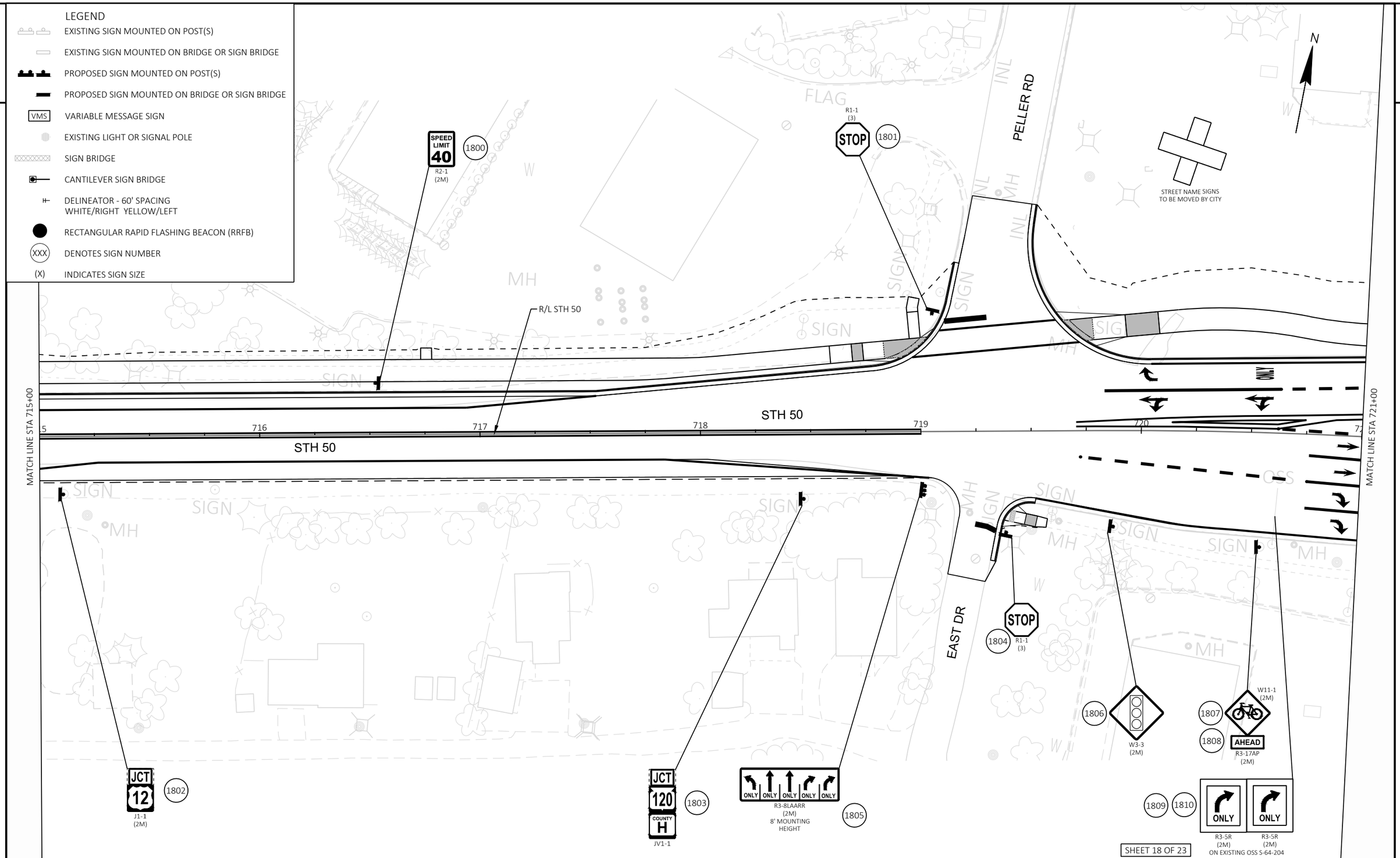
PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 18 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 233 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 18-ps_p

PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

EDWARDS BLVD

MATCH LINE STA 721+00

MATCH LINE STA 727+00

1900 R2-1 (2M) SPEED LIMIT 40

1901 STOP R1-1F (2M) ON SIGNAL POLE

1902 W4-2R (3)

1903 1904 ON SIGNAL POLE R4-7 (3)

1905 1906 STOP R1-1F (2M) ON SIGNAL POLE

1907 1908 D11-1 (2M) BIKE ROUTE

1909 1910 STOP R1-1F (3) ON SIGNAL POLE

1911 SOUTH 120 SOUTH COUNTY H J3-2 (2M)

1912 W11-1 (3)

1913 TO 12 NORTH 120 COUNTY H SOUTH 120 COUNTY H JX-3 (2M)

1914 WEST 50 J4-1 (2M)

1915 LANE ENDS MERGE LEFT W9-2L (2M)

1916 SOUTH 120 J3-1 (2M)

1917 STOP R1-1F (2M) ON SIGNAL POLE

1918 W12-1D (2M) 2' MOUNTING HEIGHT

1919 NO TURN ON RED FROM LEFT LANE R10-11F (2M)

1920 R4-7 (2) ON SIGNAL POLE

1921 1922 1923 STOP R1-1F (2M) ON SIGNAL POLE

1924 W12-1D (2M) 2' MOUNTING HEIGHT

1925 EAST 50 NORTH 120 TO COUNTY H 12 JV-2 (2M)

1926 NO TURN ON RED FROM LEFT LANE R10-11F (2M) ON SIGNAL POLE

1927 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 (2M)

1928 SOUTH 120 COUNTY H WEST 12 EAST 50 EAST 12 JV-4 (2M)

1929 SPEED LIMIT 45 R2-1 (3) ON LIGHT POLE

1930 Kenosha Elkhorn Chicago D1-2 (3)

1931 SOUTH 120 Edwards Blvd ONLY

1932 SOUTH 120 Edwards Blvd ONLY

1933 WEST 50 ONLY

1934 To Peller Rd ONLY

1935 NORTH Edwards Blvd ONLY

STREET NAME SIGNS TO BE MOVED BY CITY

1936 W12-1D (2M) 2' MOUNTING HEIGHT

1937 W11-1 (3) AHEAD R3-17AP (2M)

1938 R4-7 (2) ON SIGNAL POLE

1939 R4-7 (2S)

1940 W16-7L (2M)

1941 W11-1 (2M)

1942 W11-1 (2M)

1943 W16-7L (2M)

1944 R3-8ER (2M) ONLY

1945 1946 1947 DO NOT ENTER R5-1 (2M) ON SIGNAL POLE

1948 1949 DO NOT ENTER R5-1 (2M) ON SIGNAL POLE

1950 1951 DO NOT ENTER R5-1 (2M) ON SIGNAL POLE

1952 ON SIGNAL POLE

1953 ON SIGNAL POLE

1954 ONE WAY R6-2L (2M) ON SIGNAL POLE

1955 ONE WAY R6-2L (2M) ON SIGNAL POLE

1956 ONE WAY R6-2L (2M) ON SIGNAL POLE

R/L STH 50

STH 50

STH 120

S-64-610

RIPRAP

SHEET 19 OF 23

N

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 234	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 19-ps_p

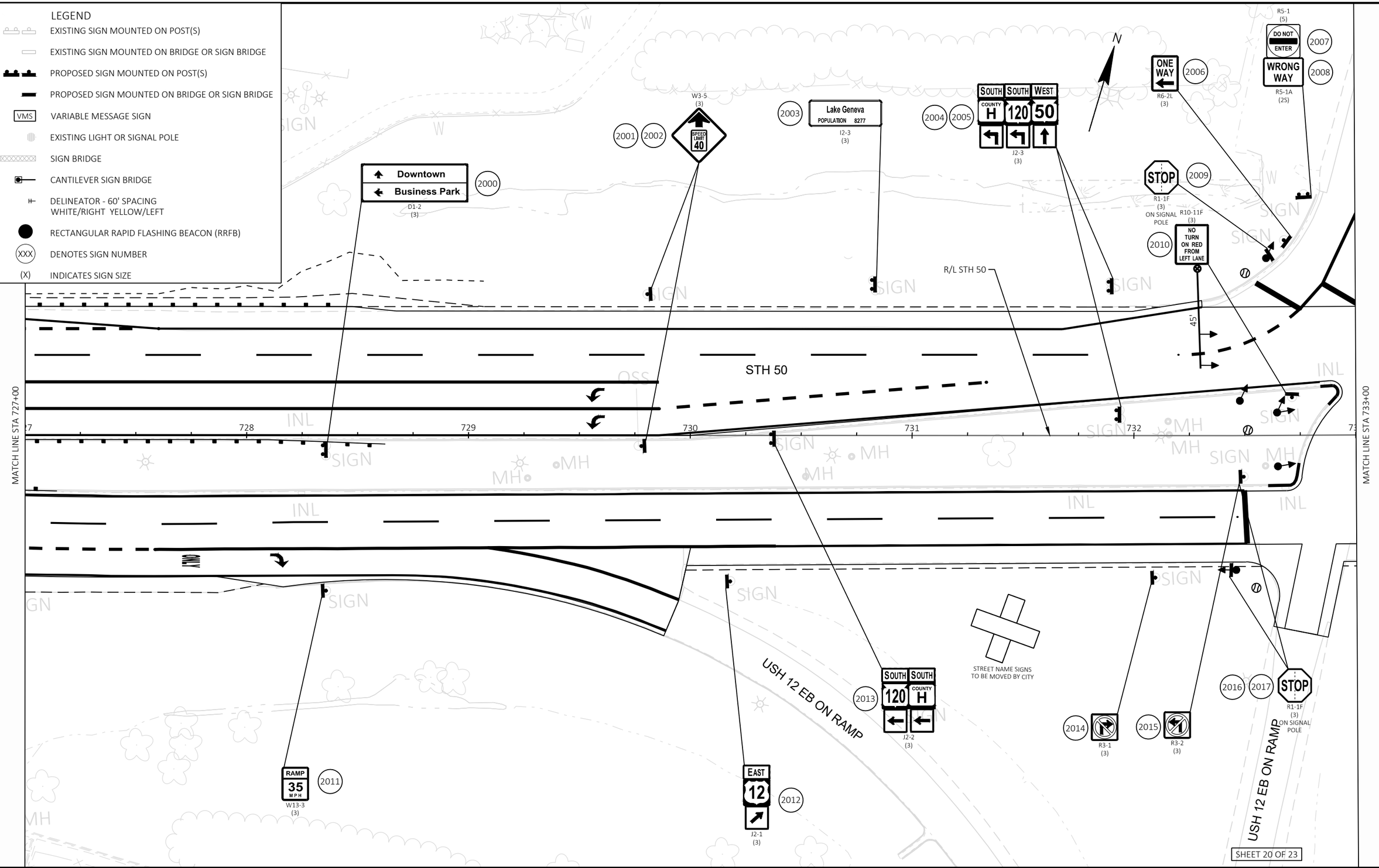
PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



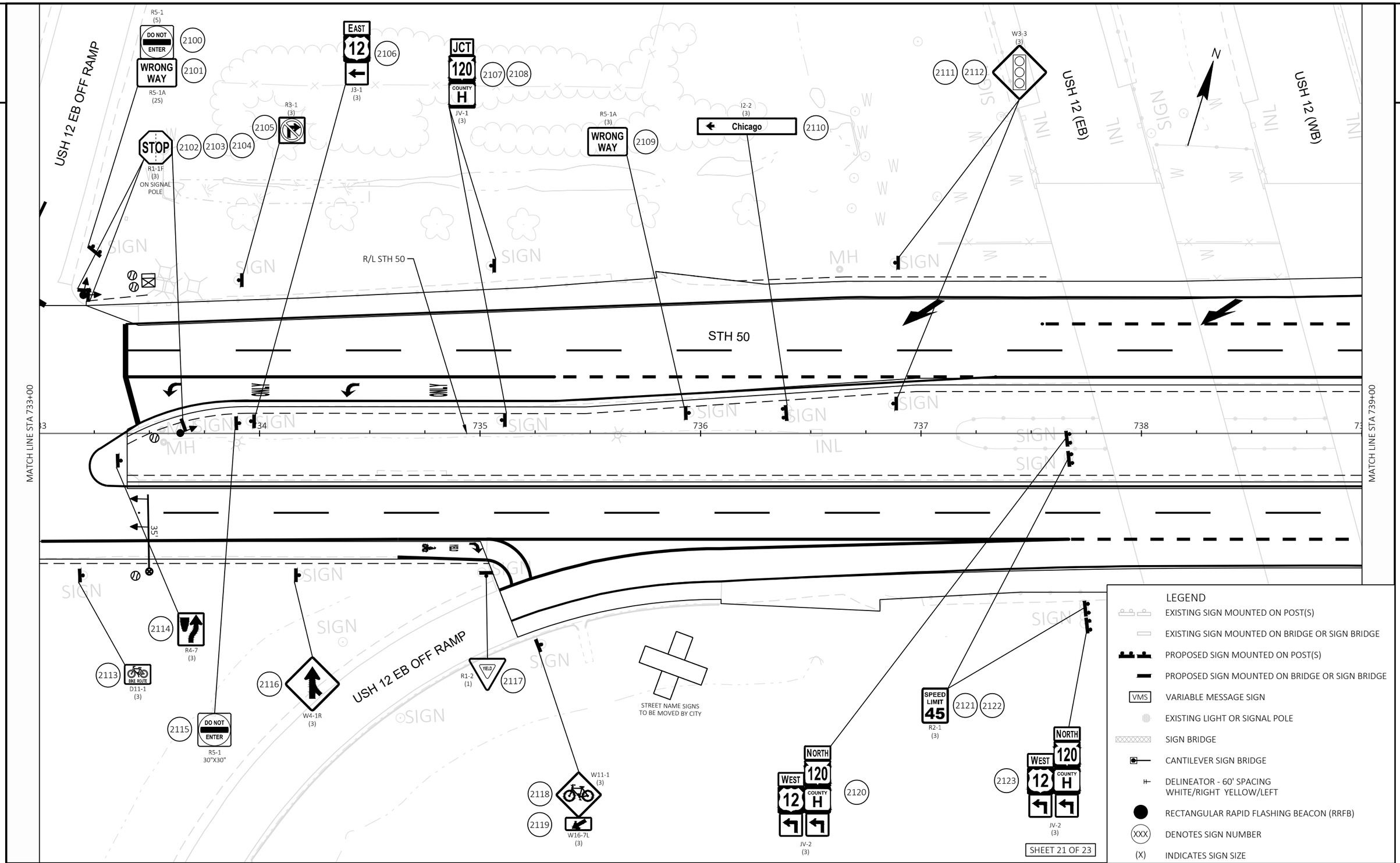
SHEET 20 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 235	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 20-ps_p

PLOT DATE : 9/24/2026 9:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

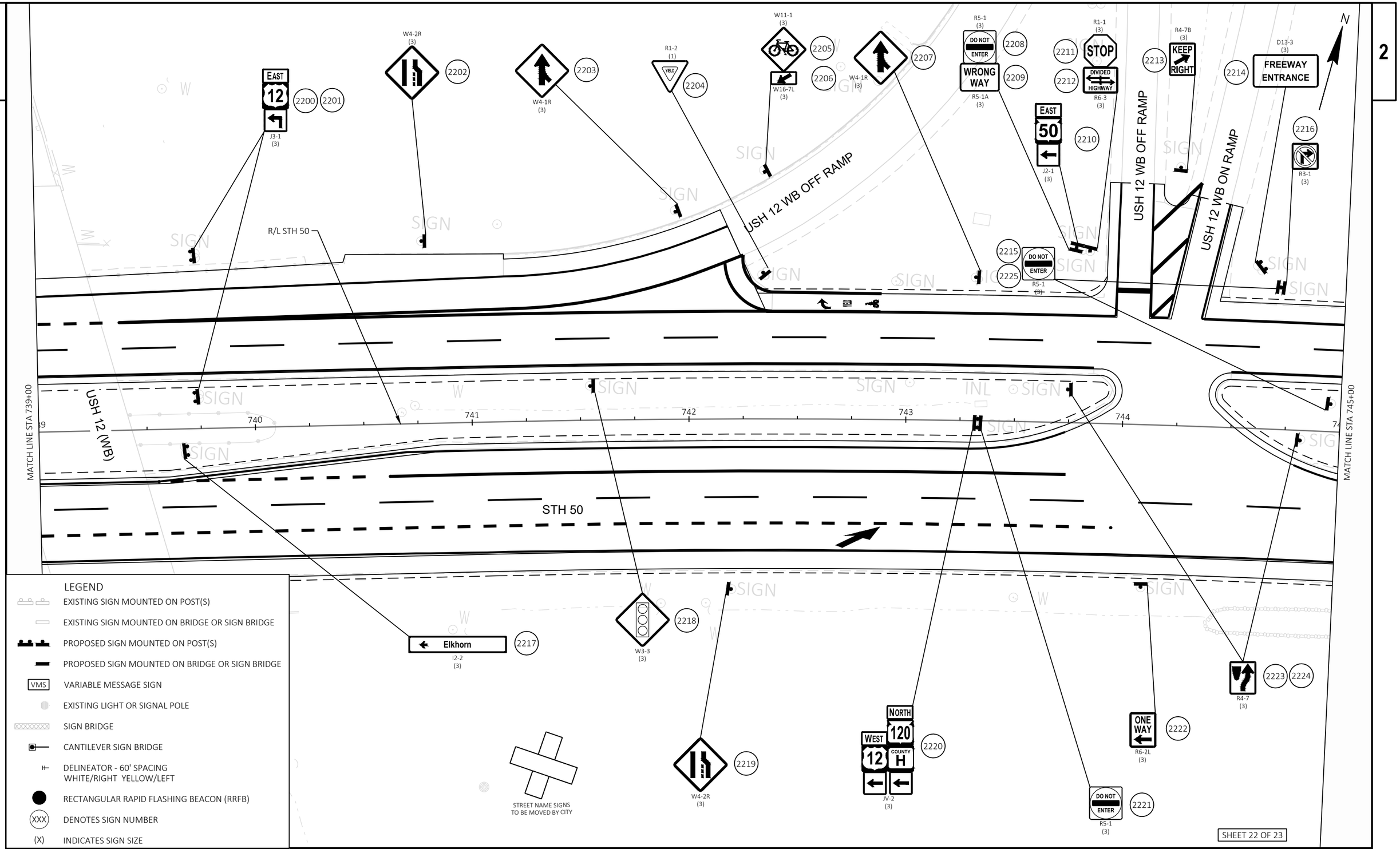
WISDOT/CADDS SHEET 42



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 236	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 21-ps_p

PLOT DATE : 9/24/2026 9:06 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 237 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 22-ps_p

PLOT DATE : 9/24/2026 9:06 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- DELINEATOR - 60' SPACING
  WHITE/RIGHT YELLOW/LEFT
- RECTANGULAR RAPID FLASHING BEACON (RRFB)
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

2300 2301 R5-1A (3) WRONG WAY

2302 WEST NORTH NORTH 12 120 COUNTY H J2-3 (3)

2303 WEST NORTH NORTH 12 120 COUNTY H J2-3 (3)

N

2304 RAMP 35 MPH W13-3 (3)

2305 R2-1 (3) SPEED LIMIT 45

2306 2307 R2-1 (3) SPEED LIMIT 45 BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 (3)

2308 R4-7 (3)

USH 12 WB ON RAMP

R/L STH 50

STH 50

MATCH LINE STA 745+00

746 747 748 749 750 751

RIPRAP

2311 BIKE LANE R3-17 (3)

2312 Grand Geneva Way I2-2 (3)

2309 EAST 50 J4-1 (3)

2310 Paddock Lake 15 Kenosha 27 D2-2

2313 EAST WEST SOUTH SOUTH 12 50 120 COUNTY H J2-4 (3)

D7-82L (3) 2314 Ski Area 2315 Mountain Top D7-82B (3)

2316 SPEED LIMIT 55 R2-1 (3)

END PROJECT ID 3170-09-70
STA 750+73.69 R/L STH 50

STREET NAME SIGNS
TO BE MOVED BY CITY

SHEET 23 OF 23

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	SIGNING PLAN - PERMANENT	SHEET 238	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023202-PS_PERM.DWG
LAYOUT NAME - 23-ps_p

PLOT DATE : 9/24/2026 9:06 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

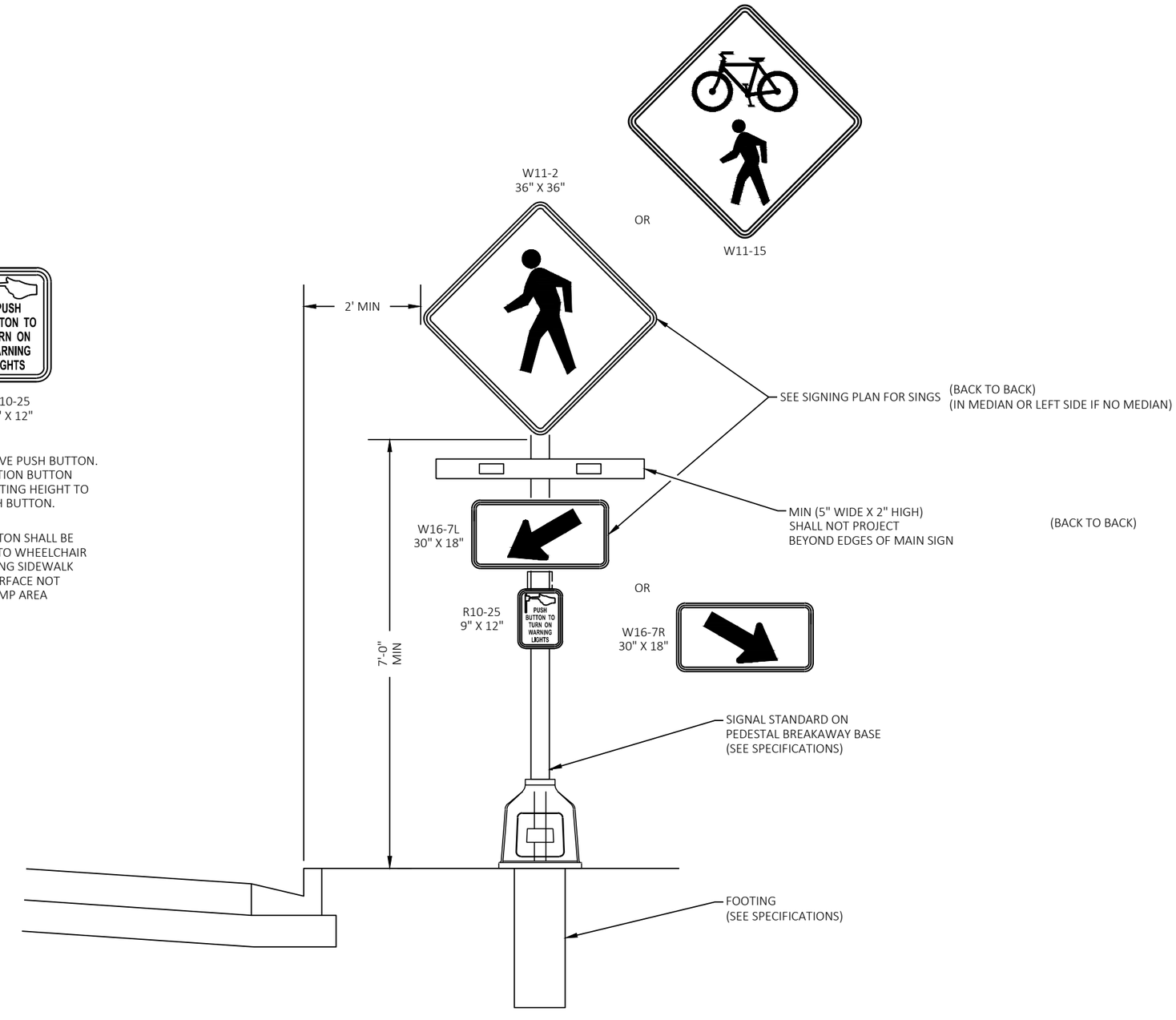
2



R10-25
9" X 12"

LOCATE ABOVE PUSH BUTTON.
ACTIVATION BUTTON
3.5' MOUNTING HEIGHT TO
PUSH BUTTON.

PUSH BUTTON SHALL BE
ACCESSIBLE TO WHEELCHAIR
USER FACING SIDEWALK
FLAT SURFACE NOT
IN RAMP AREA



RAPID RECTANGULAR FLASHING BEACON DETAIL

2

SKY LN

EXIST R/W

RRFB-10

RRFB-11

R/L STH 50

STH 50

TLE

RIPRAP

628

629

630

LINDA LN

ELMWOOD AVE

RRFB-20

RRFB-21

639

640

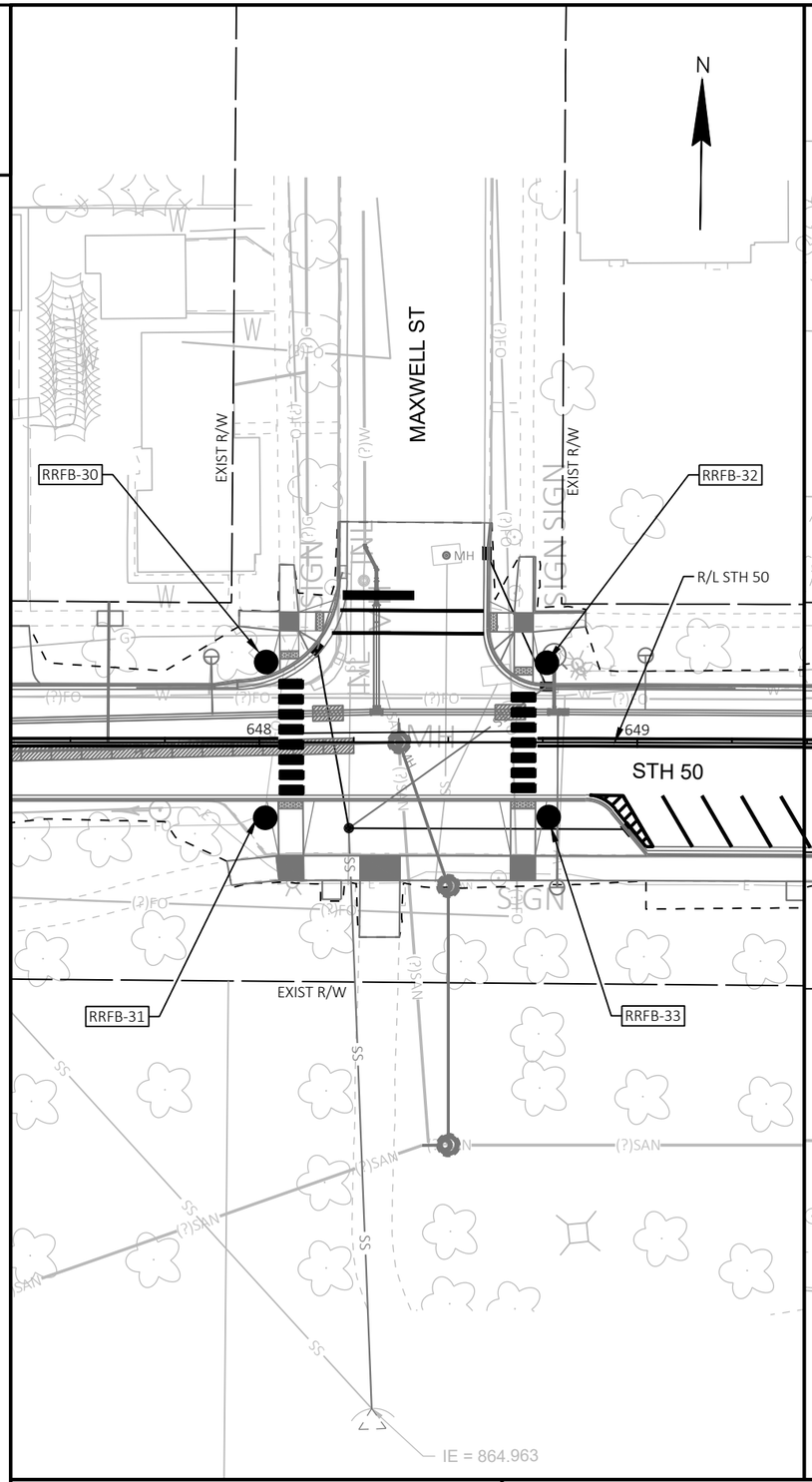
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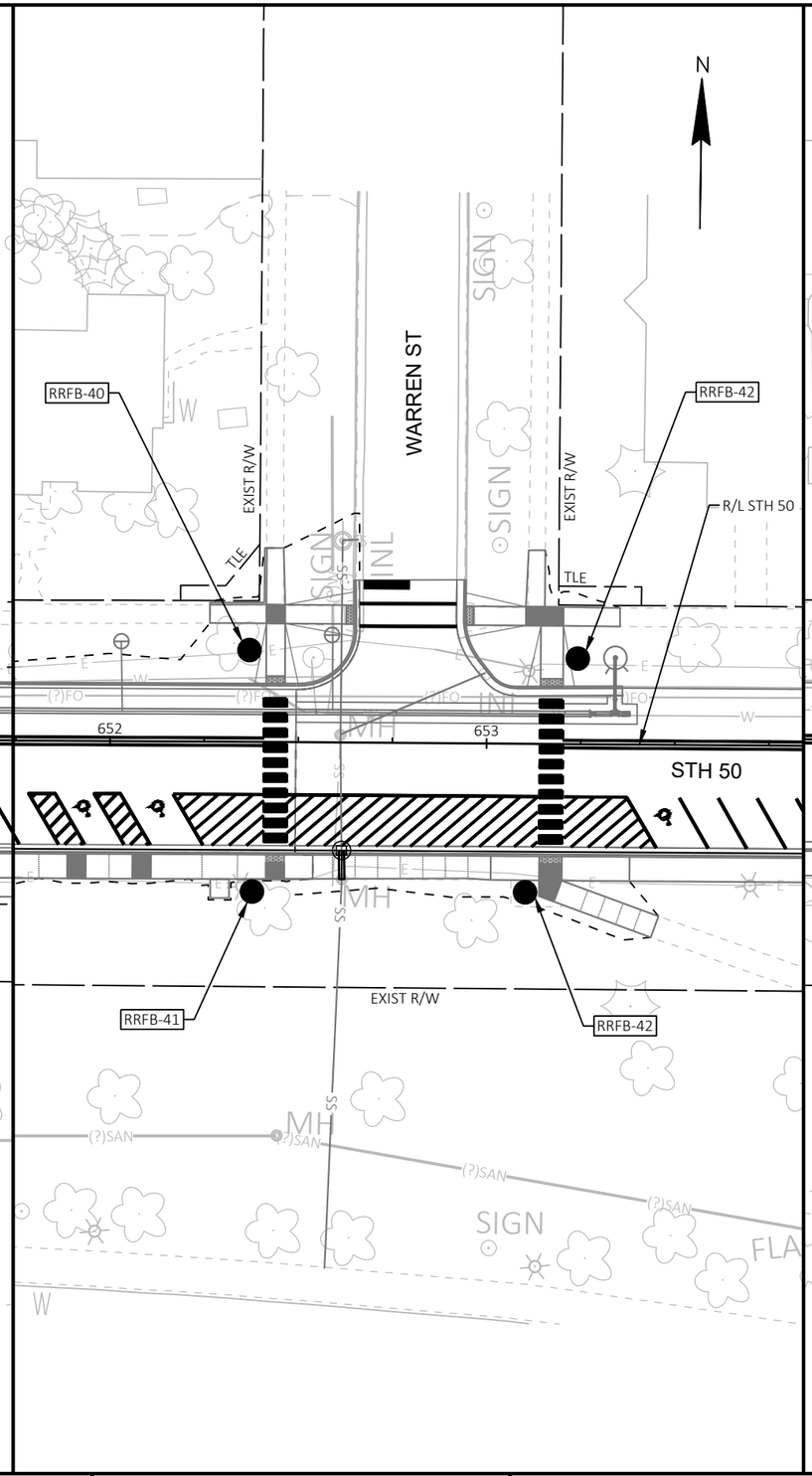
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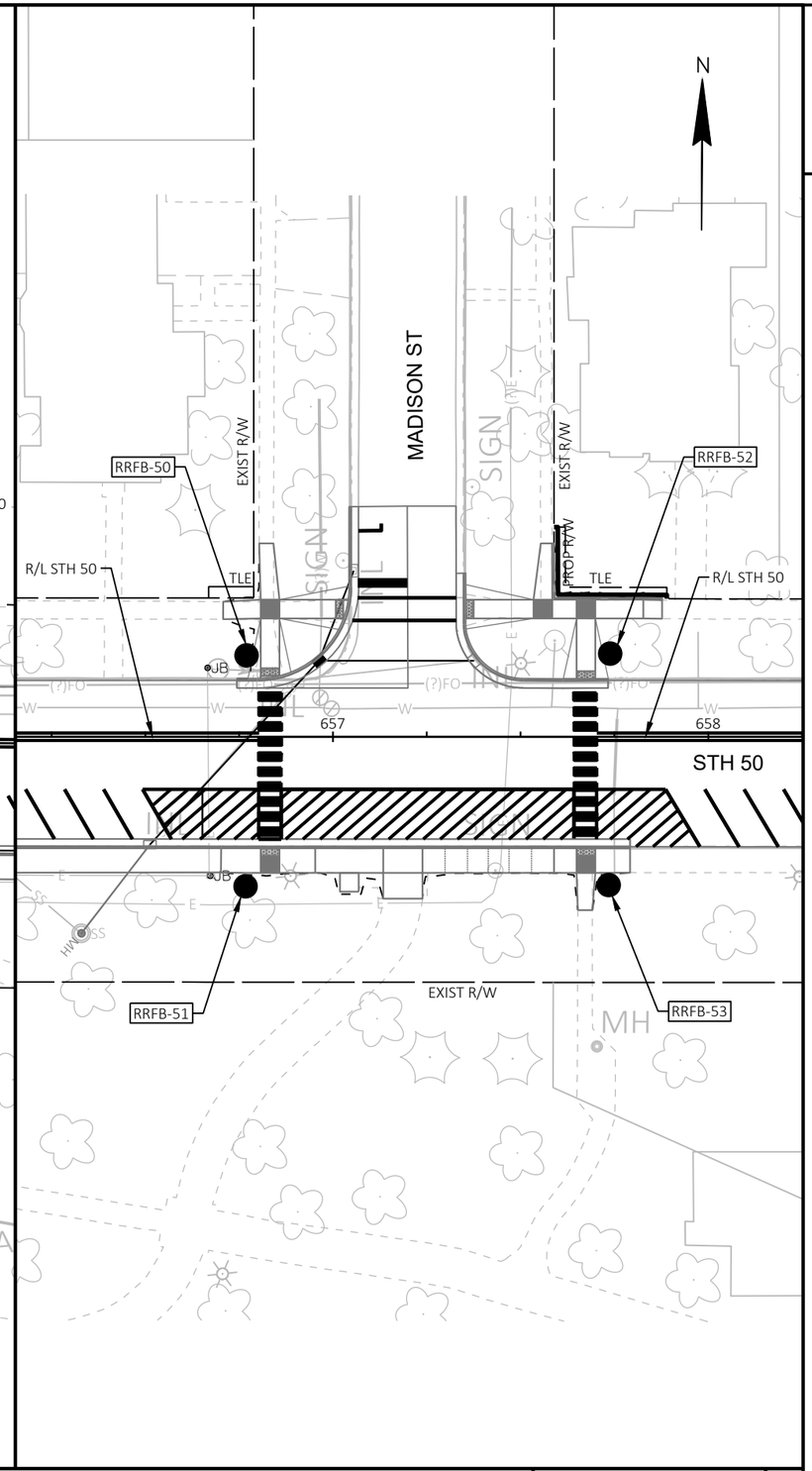
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	RECTANGULAR RAPID FLASHING BEACONS - SKY LN AND ELMWOOD AVE	SHEET 240	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023204-PS_RRFB.DWG
LAYOUT NAME - 01 & 02-SkyLn_ElmwoodAve

PLOT DATE : 9/28/2026 9:37 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT







PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	RECTANGULAR RAPID FLASHING BEACONS - MAXWELL ST, WARREN ST AND MADISON ST	SHEET 241	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023204-PS_RRFB.DWG
LAYOUT NAME - 03 & 04 & 05-MaxwellSt_WarrenSt_MadisonSt

PLOT DATE : 9/28/2026 9:37 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

RRFB-60

TLE

MILL ST

EXIST R/W

R/L STH 50

STH 50

RRFB-61

RIPRAP

RRFB-70

RRFB-71

WEST ST

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	RECTANGULAR RAPID FLASHING BEACONS - MILL ST AND WEST ST	SHEET 242	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\023204-PS_RRFB.DWG
LAYOUT NAME - 06 & 07-MillSt_WestSt

PLOT DATE : 9/28/2026 9:37 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- CONTROL CABINET
- NON-METALLIC CONDUIT 2" ,UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD,TRAFFIC SIGNAL POLE,TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- CONFIRMATION LIGHT
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PULL BOX , 24" X 42"
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- XX VIDEO CAMERA
- ANTENNA

N

CONSTRUCTION NOTES:

1. EXISTING CONDUIT TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS IN CONDUIT.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
3. POLICE CAMERAS ON SIGNAL POLES TO BE REMOVED BY OTHERS. COORDINATE REMOVALS WITH THE CITY OF LAKE GENEVA. POLICE CAMERAS NOT SHOWN ON REMOVAL PLANS.
4. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.

COOK ST

EXIST R/W

PROP R/W

STH 50 (MAIN ST)

659+00 660+00 661+00 662+00 663+00 664+00

SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8 SB9

PB1 PB2 PB3 PB4 PB5

CB1

VID1 VID2 VID3

MH

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 243	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - Cook-sr

PLOT DATE : 7/23/2026 8:24 AM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NON-METALLIC CONDUIT 2" ,UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD,TRAFFIC SIGNAL POLE,TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- CONFIRMATION LIGHT
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PULL BOX , 24" X 42"
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- XX VIDEO CAMERA
- ANTENNA

N

BROAD ST

STH 50 (MAIN ST)

663+00 664+00 665+00 666+00 667+00 668+00 669+00

EXIST R/W

PB1 CB1 SB1 PB2 SB2 PB3 SB3 PB4 SB4 SB5 SB6 SB7 SB8

VID1 VID2 VID3 VID4 VID5 VID6

CONSTRUCTION NOTES:

1. EXISTING CONDUIT TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS IN CONDUIT.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
3. POLICE CAMERAS ON SIGNAL POLES TO BE REMOVED BY OTHERS. COORDINATE REMOVALS WITH THE CITY OF LAKE GENEVA. POLICE CAMERAS NOT SHOWN ON REMOVAL PLANS.
4. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & BROAD ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 244	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - Broad-sr

PLOT DATE : 7/23/2026 8:30 AM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NON-METALLIC CONDUIT 2" ,UNLESS OTHERWISE NOTED
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD,TRAFFIC SIGNAL POLE,TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- CONFIRMATION LIGHT
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PULL BOX , 24" X 42"
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- XX VIDEO CAMERA
- ANTENNA

N

CENTER ST

EXIST R/W

PROP R/W

STH 50 (MAIN ST)

668+00 669+00 670+00 671+00 672+00 673+00

FLAG

CENTER ST

SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8

PB1 PB2 PB3 PB4 PB5

CB1

VID1 VID2 VID3 VID4 VID5 VID6 VID7 VID8

20"

TLE

CONSTRUCTION NOTES:

1. EXISTING CONDUIT TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS IN CONDUIT.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
3. POLICE CAMERAS ON SIGNAL POLES TO BE REMOVED BY OTHERS. COORDINATE REMOVALS WITH THE CITY OF LAKE GENEVA. POLICE CAMERAS NOT SHOWN ON REMOVAL PLANS.
4. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 245	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - Center-sr
PLOT DATE : 7/23/2026 8:35 AM
PLOT BY : VANDE LEEST, CINDY
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

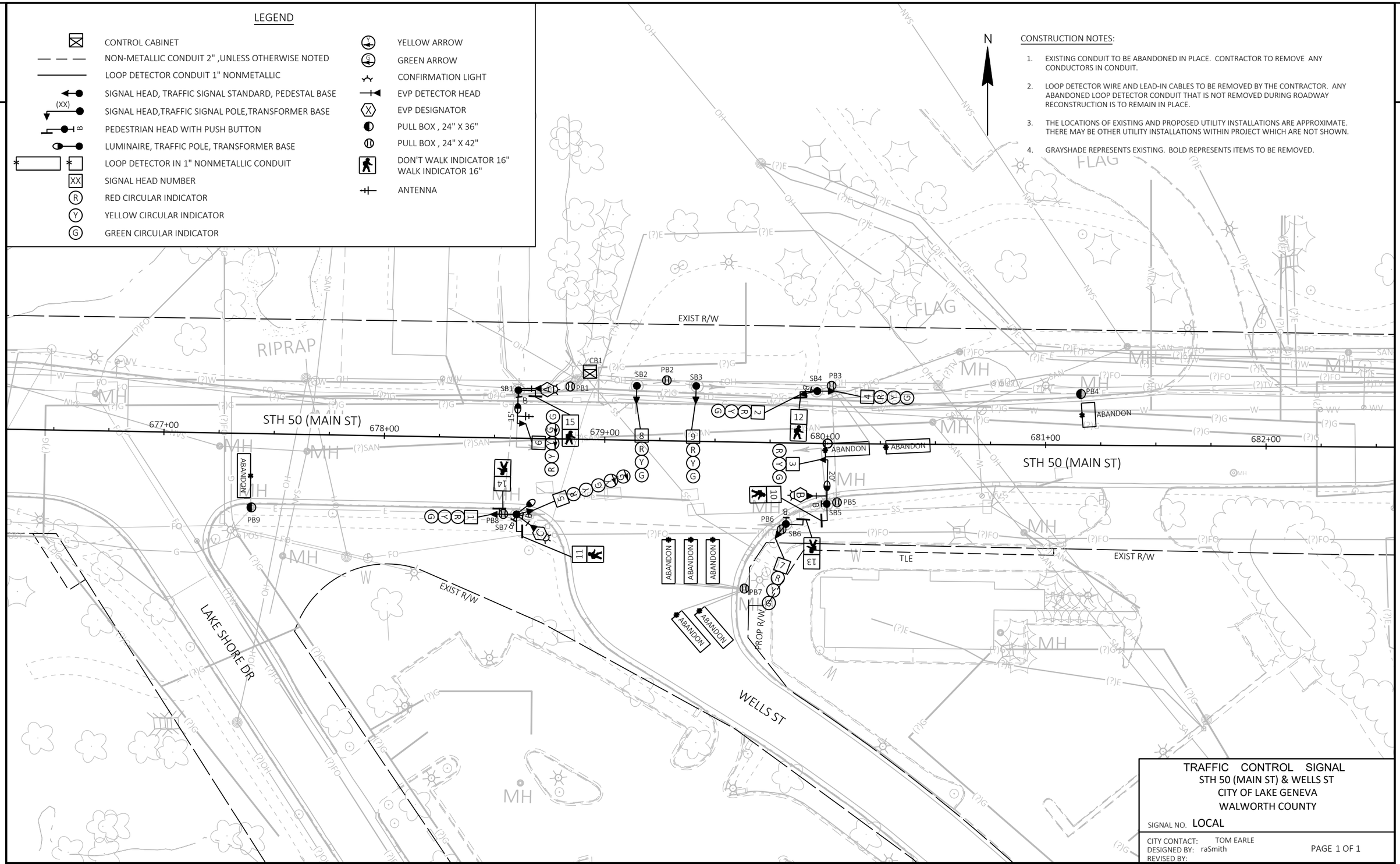
LEGEND

- CONTROL CABINET
- NON-METALLIC CONDUIT 2" ,UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD,TRAFFIC SIGNAL POLE,TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- YELLOW ARROW
- GREEN ARROW
- CONFIRMATION LIGHT
- EVP DETECTOR HEAD
- EVP DESIGNATOR
- PULL BOX , 24" X 36"
- PULL BOX , 24" X 42"
- DON'T WALK INDICATOR 16" WALK INDICATOR 16"
- ANTENNA

N

CONSTRUCTION NOTES:

1. EXISTING CONDUIT TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS IN CONDUIT.
2. LOOP DETECTOR WIRE AND LEAD-IN CABLES TO BE REMOVED BY THE CONTRACTOR. ANY ABANDONED LOOP DETECTOR CONDUIT THAT IS NOT REMOVED DURING ROADWAY RECONSTRUCTION IS TO REMAIN IN PLACE.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
4. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 246	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - Wells-sr

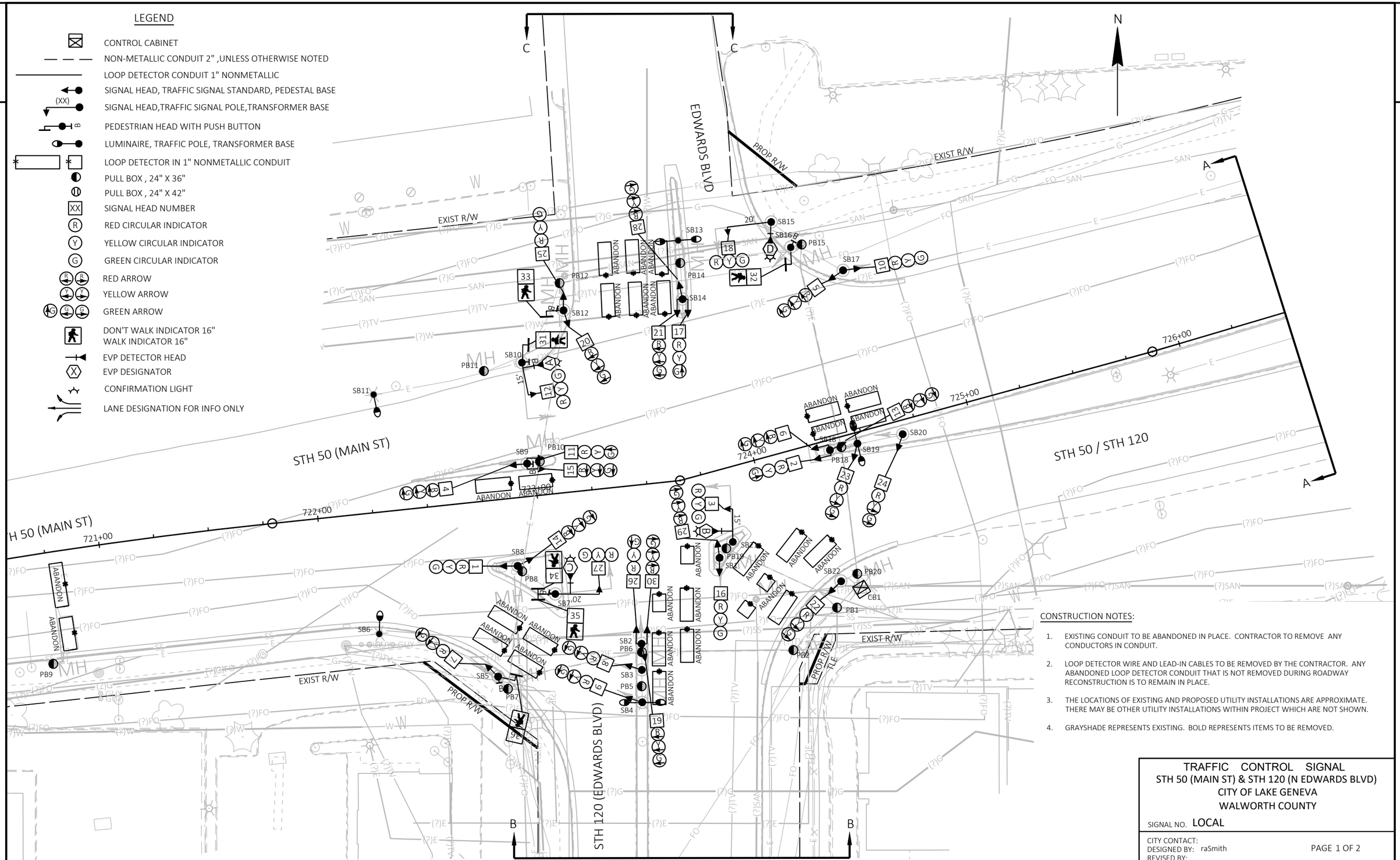
PLOT DATE : 7/23/2026 8:51 AM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- NON-METALLIC CONDUIT 2" ,UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD,TRAFFIC SIGNAL POLE,TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX , 24" X 36"
- PULL BOX , 24" X 42"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- EVP DETECTOR HEAD
- X EVP DESIGNATOR
- CONFIRMATION LIGHT
- LANE DESIGNATION FOR INFO ONLY



CONSTRUCTION NOTES:

1. EXISTING CONDUIT TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS IN CONDUIT.
2. LOOP DETECTOR WIRE AND LEAD-IN CABLES TO BE REMOVED BY THE CONTRACTOR. ANY ABANDONED LOOP DETECTOR CONDUIT THAT IS NOT REMOVED DURING ROADWAY RECONSTRUCTION IS TO REMAIN IN PLACE.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
4. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.

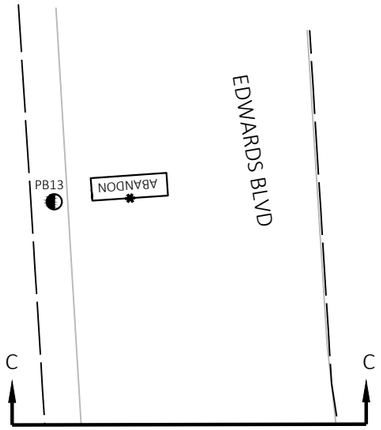
TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

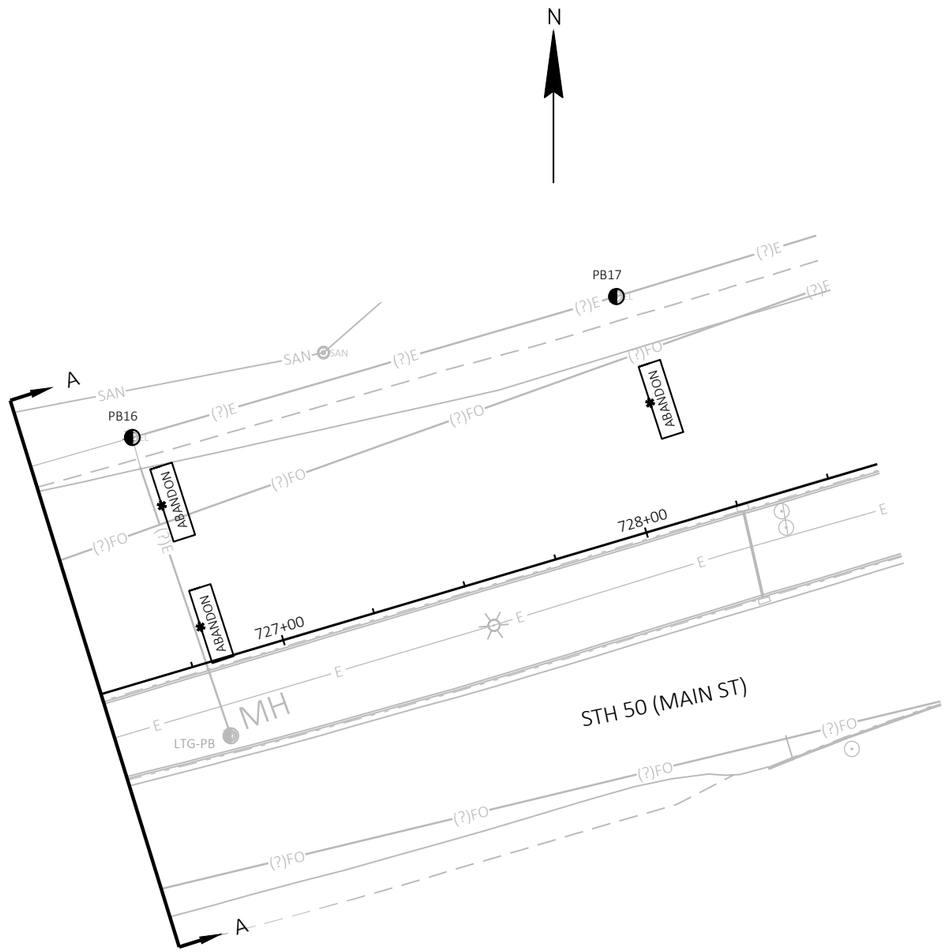
SIGNAL NO. LOCAL

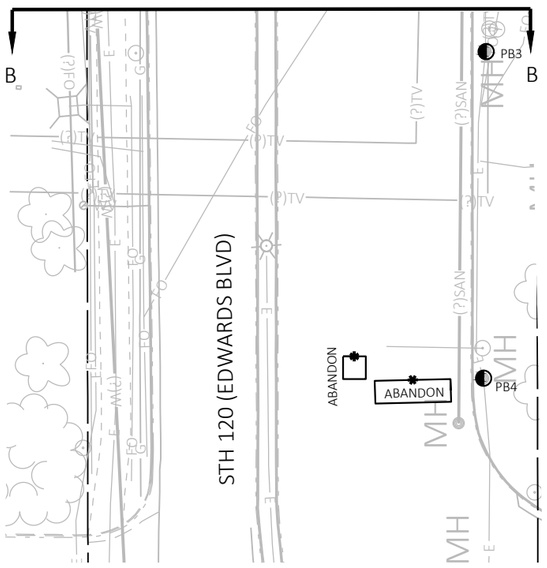
CITY CONTACT:
DESIGNED BY: raSmith
REVISED BY:

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 247	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - STH120-sr
PLOT DATE : 7/29/2026 10:56 AM
PLOT BY : UTIC, ANDY
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42







TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL

CITY CONTACT:
DESIGNED BY: raSmith
REVISED BY:

PAGE 2 OF 2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 248	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - STH120-sr (2)
PLOT DATE : 7/29/2026 10:56 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : ##########

2

CONSTRUCTION NOTES:

1. EXISTING CONDUIT TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS IN CONDUIT.
2. LOOP DETECTOR WIRE AND LEAD-IN CABLES TO BE REMOVED BY THE CONTRACTOR. ANY ABANDONED LOOP DETECTOR CONDUIT THAT IS NOT REMOVED DURING ROADWAY RECONSTRUCTION IS TO REMAIN IN PLACE.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
4. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.

USH 12 EB OFF-RAMP

USH 12 EB ON-RAMP

STH 50 / STH 120

731+00 732+00 733+00 734+00 735+00 736+00

LIGHTING CABINET TO REMAIN

PB1 PB2 PB3 PB4 PB5 PB6 PB7 PB8 PB9 PB10 PB11 PB12

SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8 SB9 SB10 SB11

CB1

ABANDON

LEGEND

CONTROL CABINET	RED ARROW
NON-METALLIC CONDUIT 2" ,UNLESS OTHERWISE NOTED	YELLOW ARROW
LOOP DETECTOR CONDUIT 1" NONMETALLIC	GREEN ARROW
SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE	DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
SIGNAL HEAD,TRAFFIC SIGNAL POLE,TRANSFORMER BASE	EVP DETECTOR HEAD
PEDESTRIAN HEAD WITH PUSH BUTTON	EVP DESIGNATOR
LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE	CONFIRMATION LIGHT
LOOP DETECTOR IN 1" NONMETALLIC CONDUIT	LANE DESIGNATION FOR INFO ONLY
PULL BOX , 24" X 36"	
PULL BOX , 24" X 42"	
SIGNAL HEAD NUMBER	
RED CIRCULAR INDICATOR	
YELLOW CIRCULAR INDICATOR	
GREEN CIRCULAR INDICATOR	

TRAFFIC CONTROL SIGNAL
STH 50/STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL

CITY CONTACT:
DESIGNED BY: raSmith
REVISED BY:

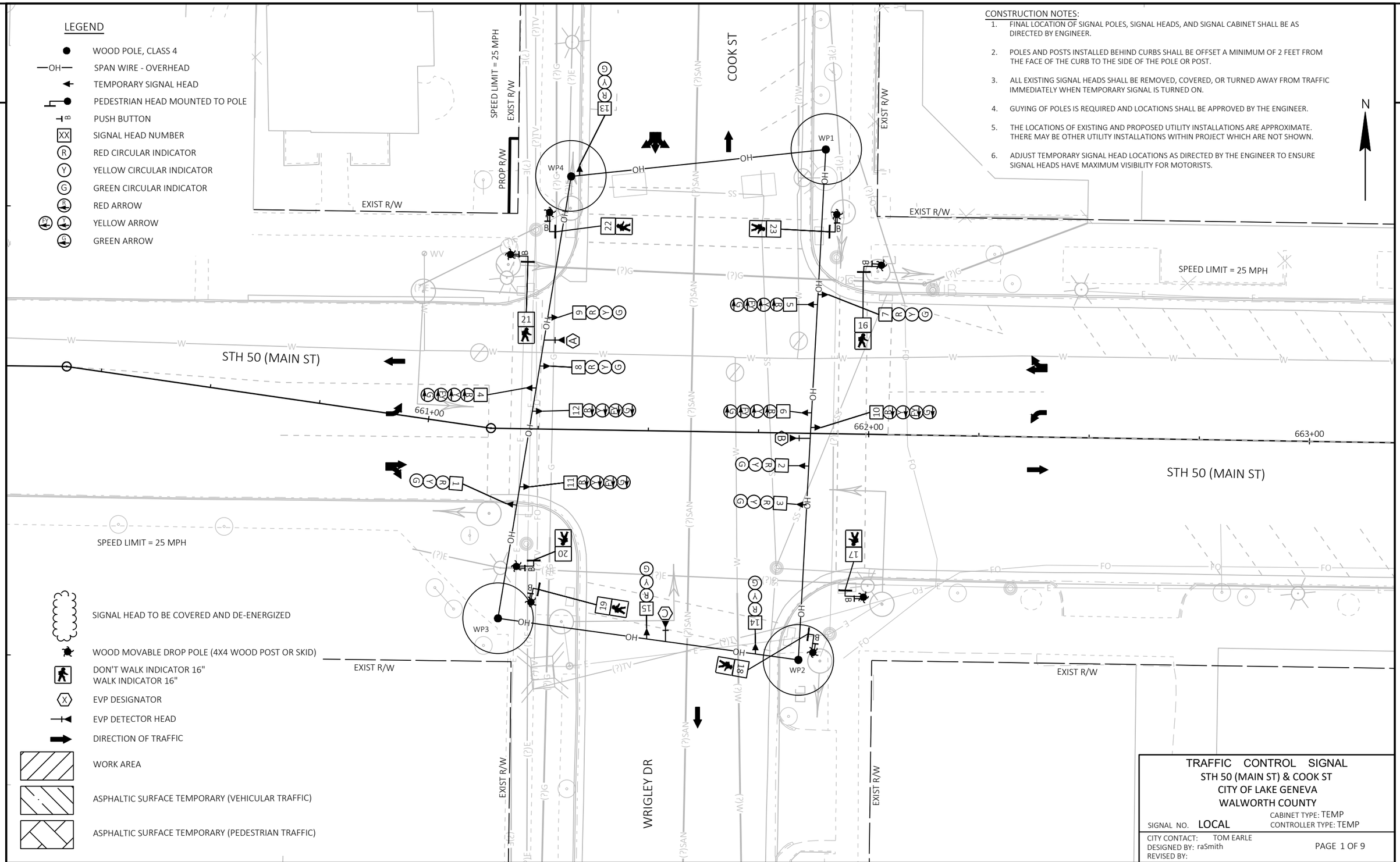
PAGE 1 OF 1

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 249	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - USH12-sr

PLOT DATE : 7/30/2026 3:01 PM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

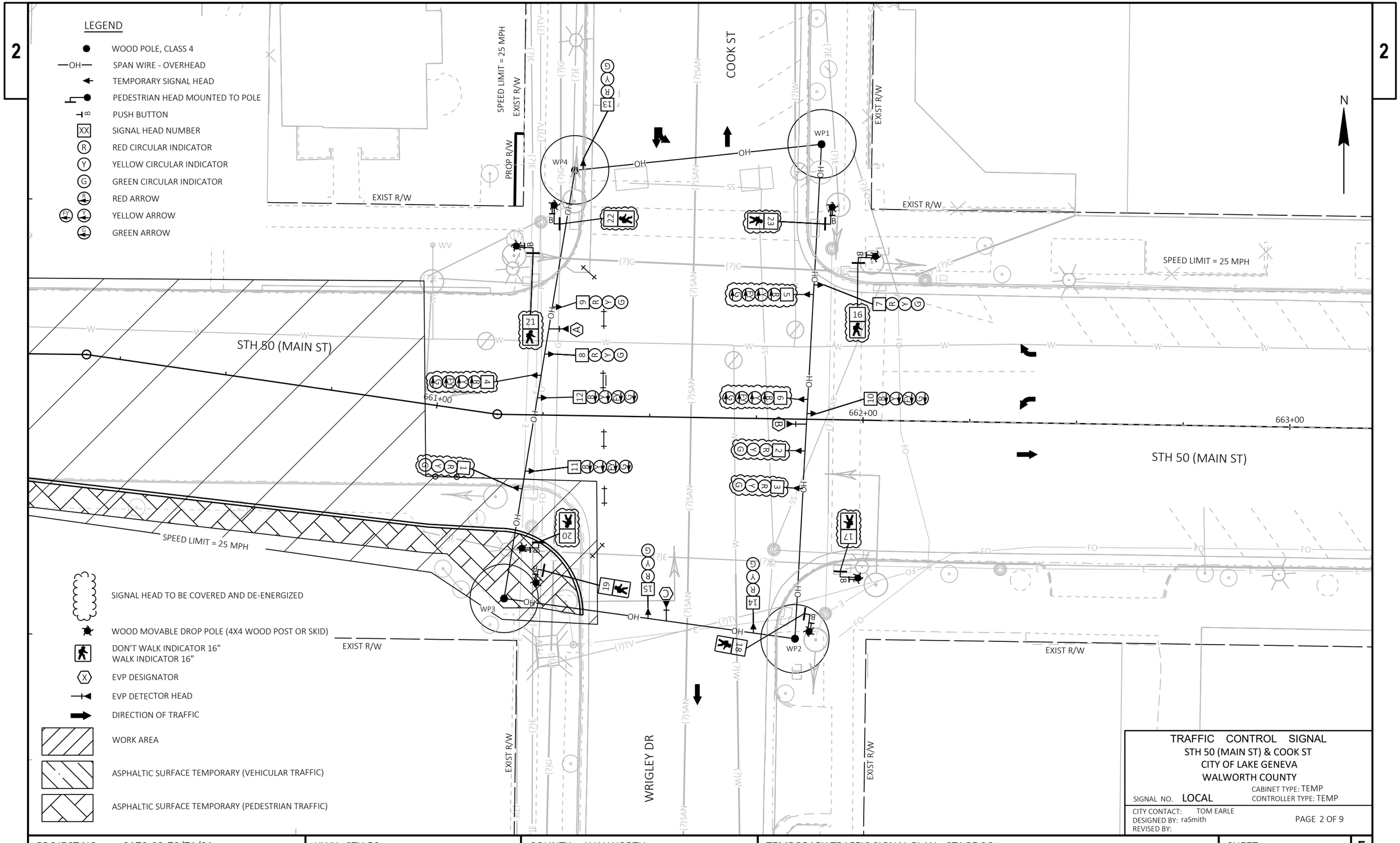
CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2B	SHEET 250	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST.DWG
LAYOUT NAME - Cook
PLOT DATE : 7/30/2026 12:39 PM
PLOT BY : VANDE LEEST, CINDY
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

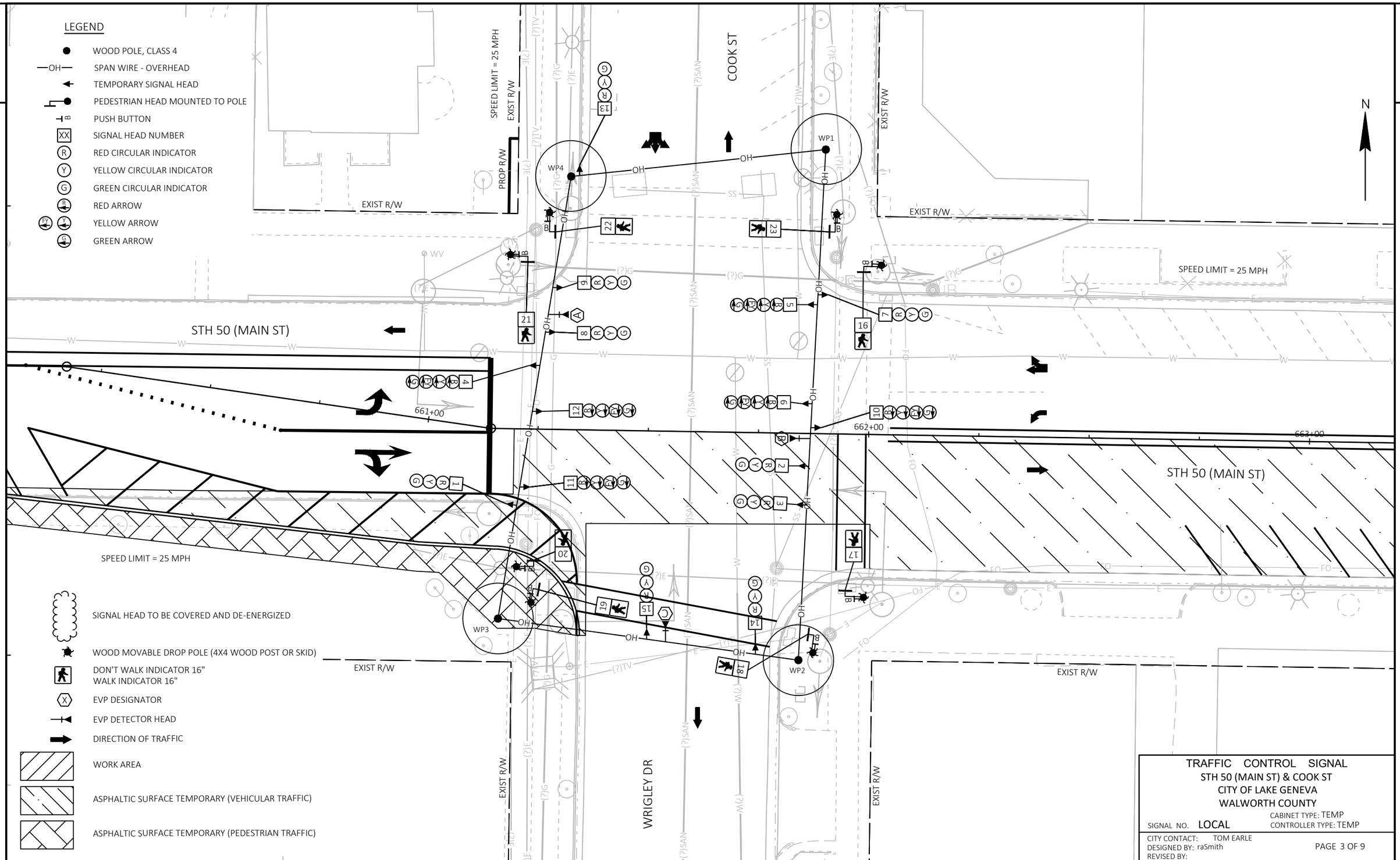
SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 2 OF 9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2C	SHEET 251	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_2C.DWG
LAYOUT NAME - Cook_2c
PLOT DATE : 7/30/2026 12:40 PM
PLOT BY : VANDE LEEST, CINDY
PLOT NAME :
PLOT SCALE : 1 IN:20 FT



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 3 OF 9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 3A & 3B/WINTER SHUTDOWN	SHEET 252	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3B.DWG
LAYOUT NAME - Cook_3b-Winter

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- B — PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- RA — RED ARROW
- YA — YELLOW ARROW
- GA — GREEN ARROW

SPEED LIMIT = 25 MPH

PROP R/W

EXIST R/W

COOK ST

WP1

WP2

WP3

WP4

OH

SS

WV

W

(?)G

(?)E

(?)SAN

(?)W

FO

STH 50 (MAIN ST)

661+00

662+00

663+00

SPEED LIMIT = 25 MPH

SPEED LIMIT = 25 MPH

STH 50 (MAIN ST)

EXIST R/W

EXIST R/W

WRIGLEY DR

SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)

DON'T WALK INDICATOR 16"
WALK INDICATOR 16"

EVP DESIGNATOR

EVP DETECTOR HEAD

DIRECTION OF TRAFFIC

WORK AREA

ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)

ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL

CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 4 OF 9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 3C-1, 3C-2 & 3C-3	SHEET 253	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3C1.DWG
LAYOUT NAME - Cook_3c1

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- B — PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- R — RED ARROW
- Y — YELLOW ARROW
- G — GREEN ARROW

SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)

DON'T WALK INDICATOR 16"
WALK INDICATOR 16"

X — EVP DESIGNATOR

EVP DETECTOR HEAD

DIRECTION OF TRAFFIC

WORK AREA

ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)

ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

COOK ST

STH 50 (MAIN ST)

WRIGLEY DR

SPEED LIMIT = 25 MPH

PROP R/W

EXIST R/W

661+00

662+00

663+00

WP1 WP2 WP3 WP4

N

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 5 OF 9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4A-1	SHEET 254	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4A1.DWG
LAYOUT NAME - Cook_4a1

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- B — PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- R — RED ARROW
- Y — YELLOW ARROW
- G — GREEN ARROW

SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)

DON'T WALK INDICATOR 16"
WALK INDICATOR 16"

X — EVP DESIGNATOR

EVP DETECTOR HEAD

DIRECTION OF TRAFFIC

WORK AREA

ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)

ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

SPEED LIMIT = 25 MPH

COOK ST

PROP R/W

EXIST R/W

WP1

WP2

WP3

WP4

OH

SS

W

WV

(?)G

(?)SAN

(?)E

(?)W

(?)TV

STH 50 (MAIN ST)

661+00

662+00

663+00

SPEED LIMIT = 25 MPH

STH 50 (MAIN ST)

SPEED LIMIT = 25 MPH

EXIST R/W

EXIST R/W

WRIGLEY DR

N

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

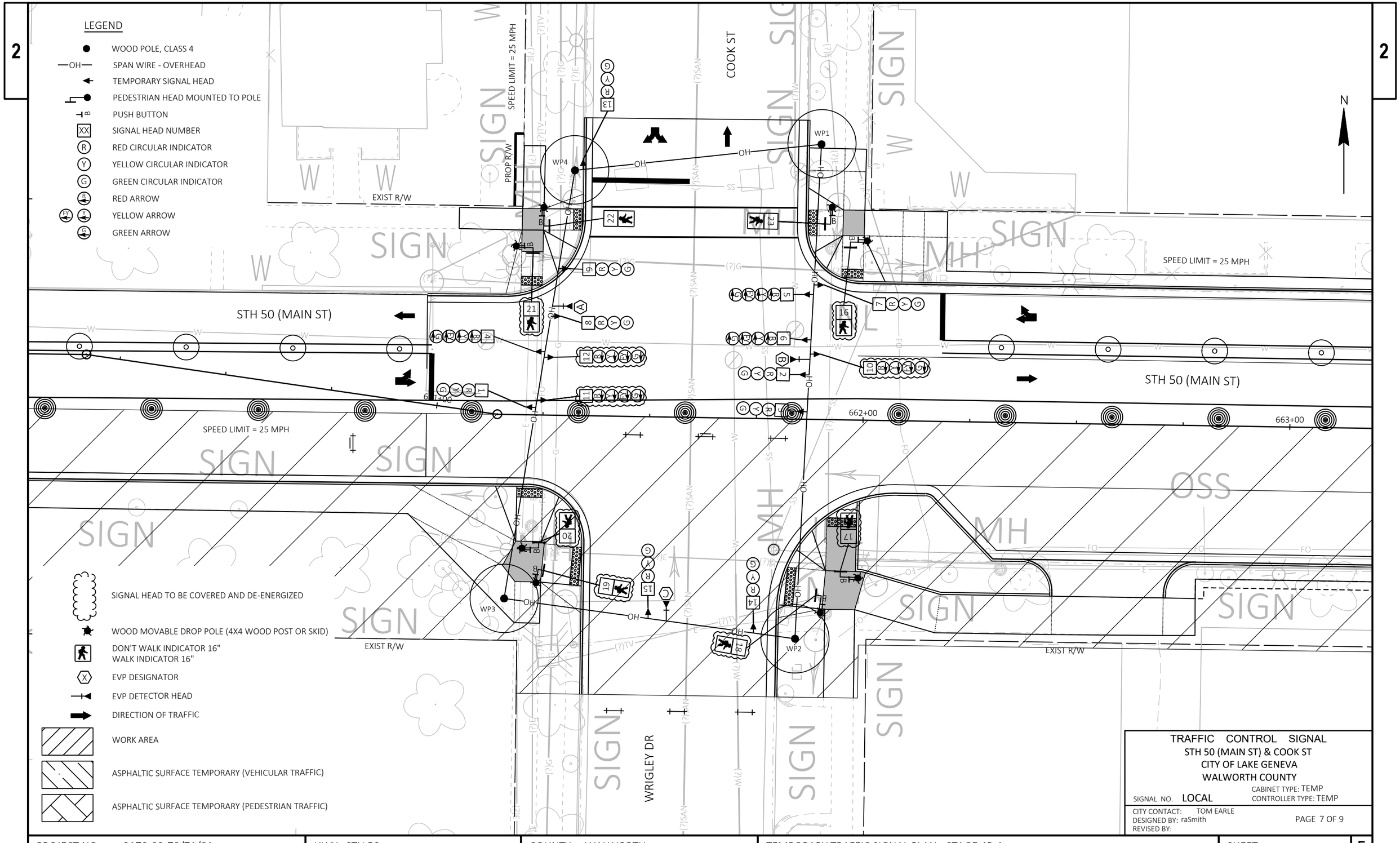
PAGE 6 OF 9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4A-2	SHEET 255	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4A2.DWG
LAYOUT NAME - Cook_4a2

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

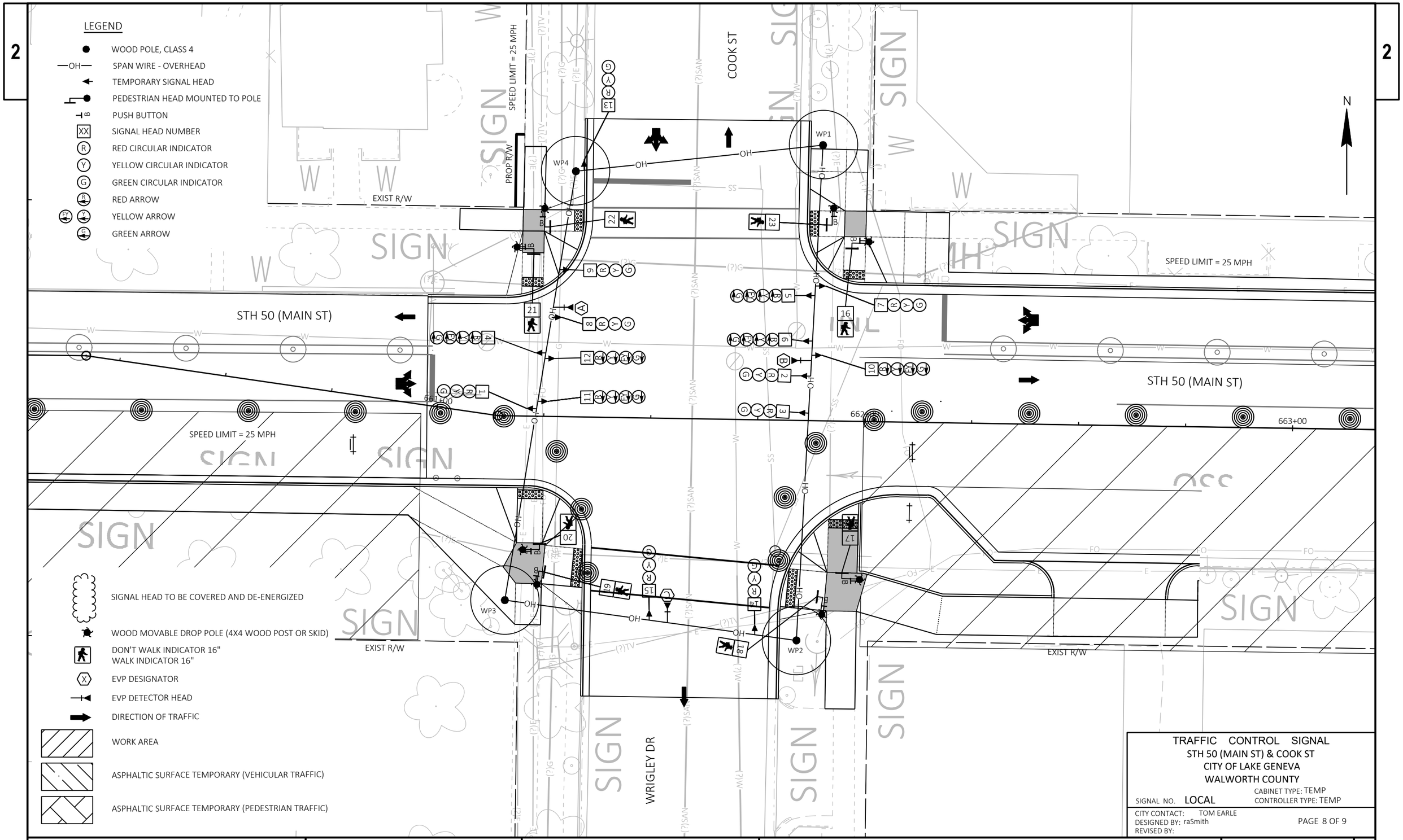
PAGE 7 OF 9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4B-1	SHEET 256	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4B1.DWG
LAYOUT NAME - Cook_4b1

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 8 OF 9

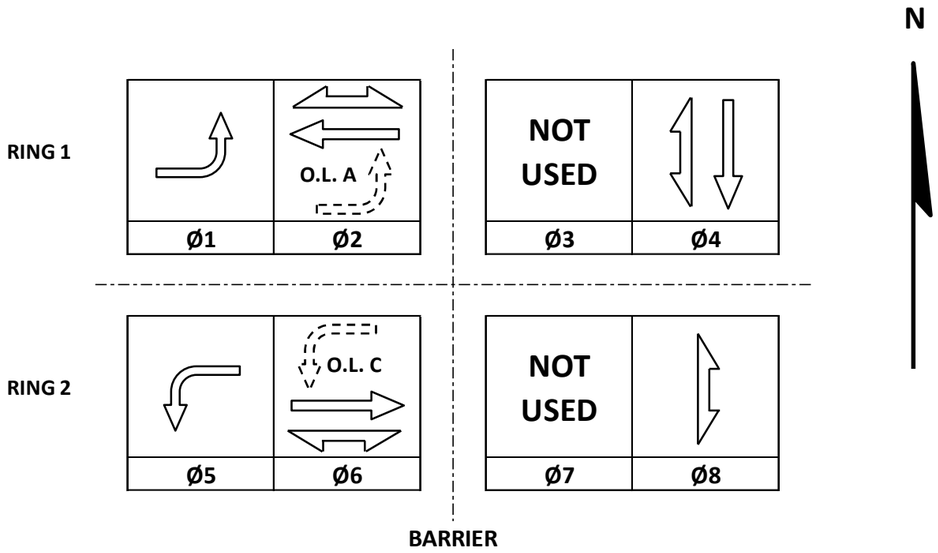
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 4B-2 & 4B-3	SHEET 257	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4B2.DWG
LAYOUT NAME - Cook_4b2

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	-
Ø2	7,8,9	R
Ø3		
Ø4	19,20,21	R
Ø5	10,11,12	-
Ø6	1,2,3	R
Ø7		
Ø8	0	R
Ø2P	31,32	
Ø4P	29,30	
Ø6P	27,28	
Ø8P	25,26	
OLA	4,5,6	R ←
OLB		
OLC	10,11,12	R ←
OLD		



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C
MOVEMENT	←	→	↓
PHASE	2+5	6+1	4

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4, CONTROLLER SHALL RETURN TO PHASE 4.

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1	X	6	MAX	X
2	X	6	MAX	X
3	X	8	MAX	
4	X	8	MAX	X
5	X	2	MAX	X
6	X	2	MAX	X
7	X	4	MAX	
8	X	4	MAX	X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

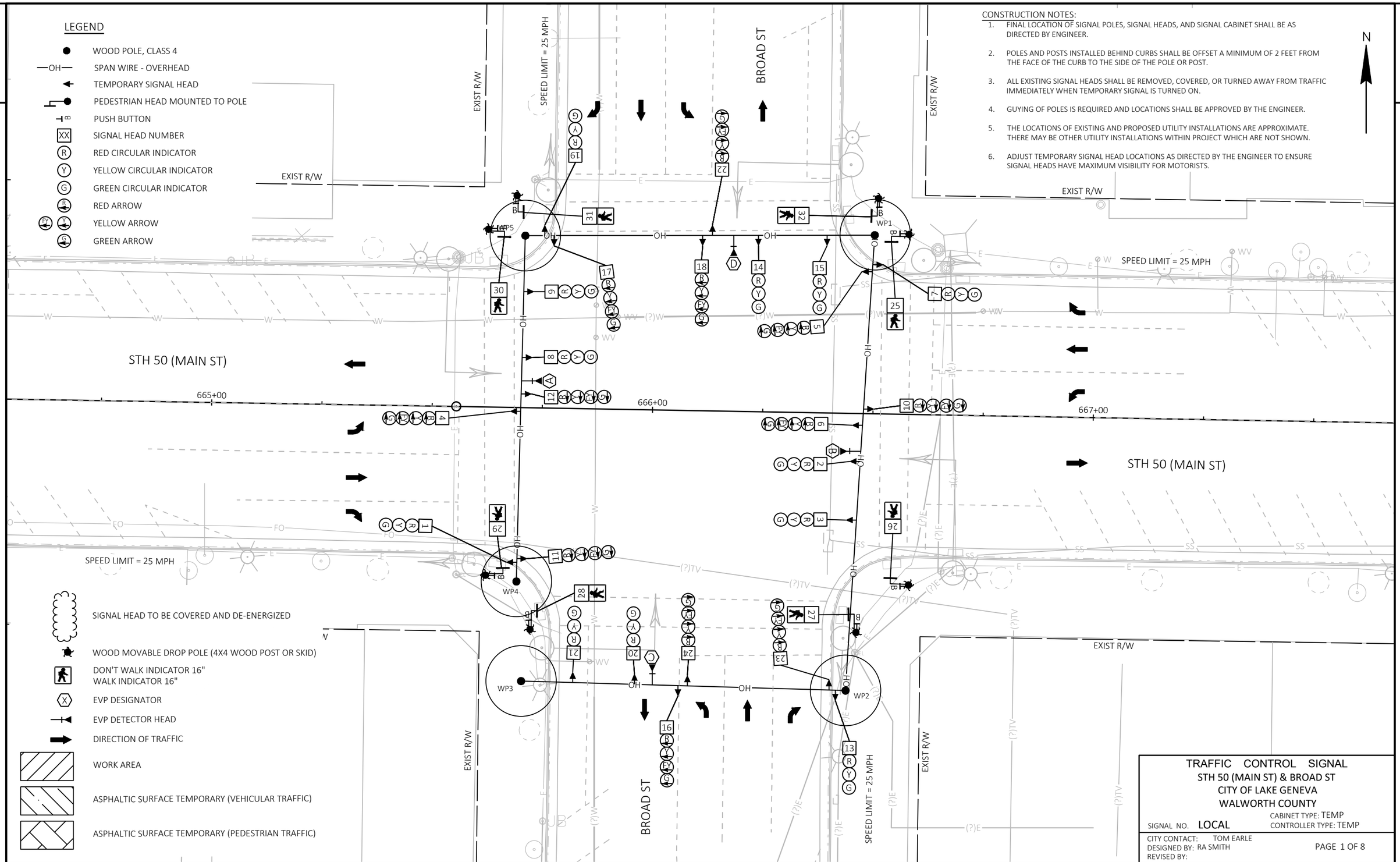
TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

1. SIGNALS SHALL OPERATE WITH ALL-RED FLASH DURING STAGE 2C AND 2D

2. SIGNALS SHALL OPERATE WITH EASTBOUND AND WESTBOUND SPLIT PHASING WHEN EXCLUSIVE LEFT-TURN LANES ARE NOT PROVIDED ON STH 50

STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY
SIGNAL NO: TEMP CABINET TYPE: TEMP
CONTROLLER TYPE:
DATE: 08/26 PAGE NO. 9 OF 9



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & BROAD ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

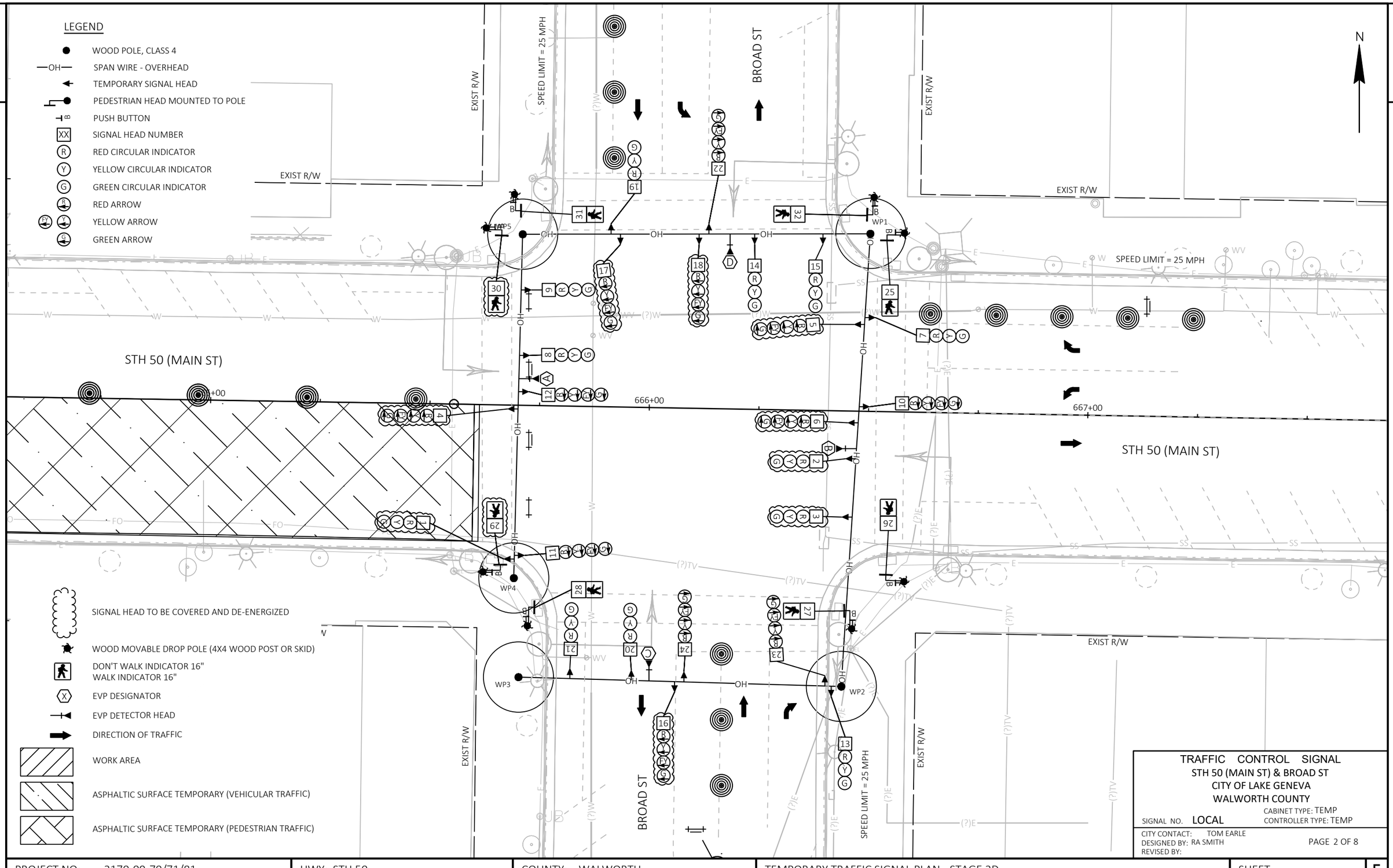
SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 1 OF 8

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 2B & 2C	SHEET 259	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST.DWG
LAYOUT NAME - Broad
PLOT DATE : 7/30/2026 12:40 PM
PLOT BY : VANDE LEEST, CINDY
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

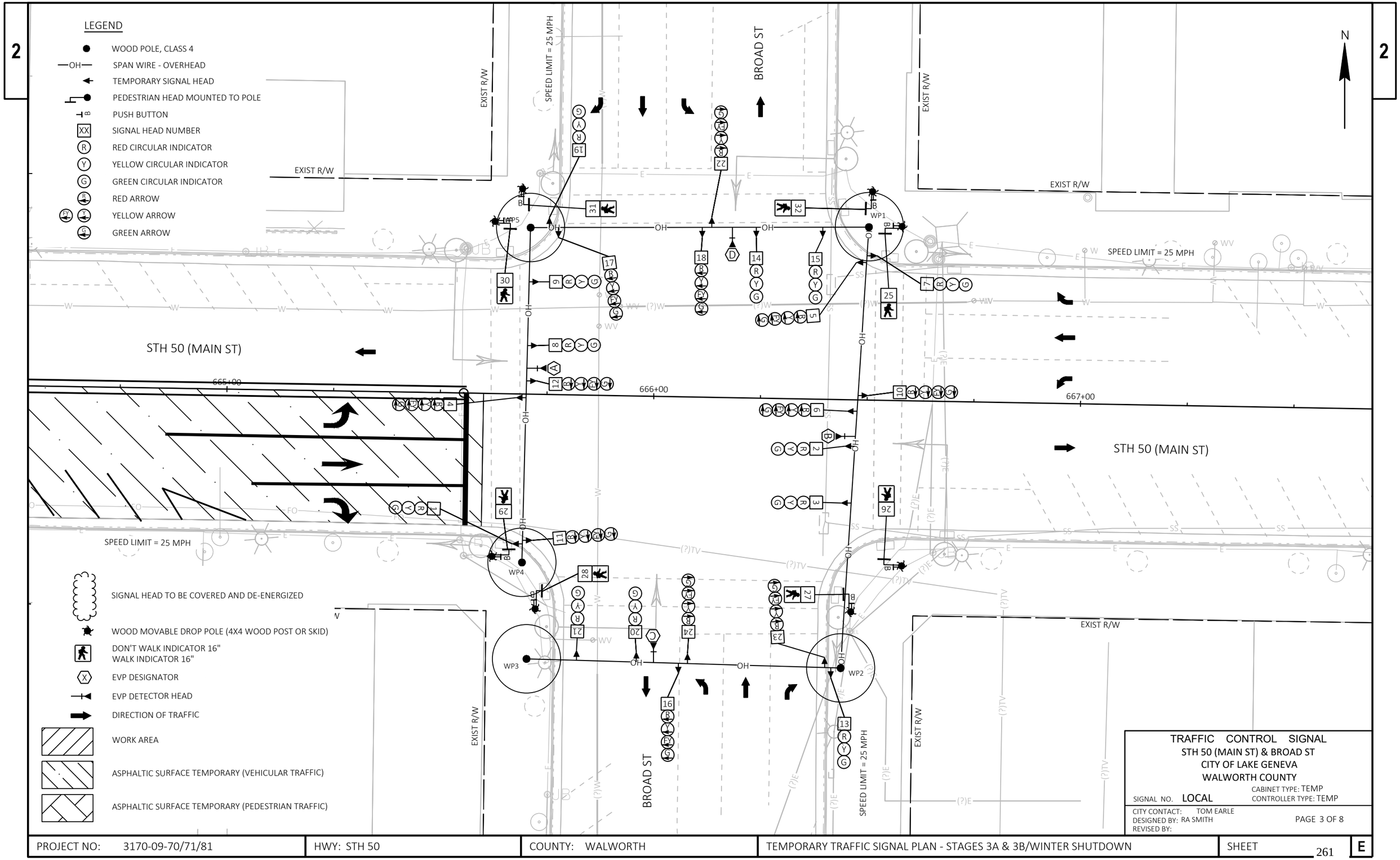


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 2D	SHEET 260	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_2D.DWG
LAYOUT NAME - Broad_2d

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

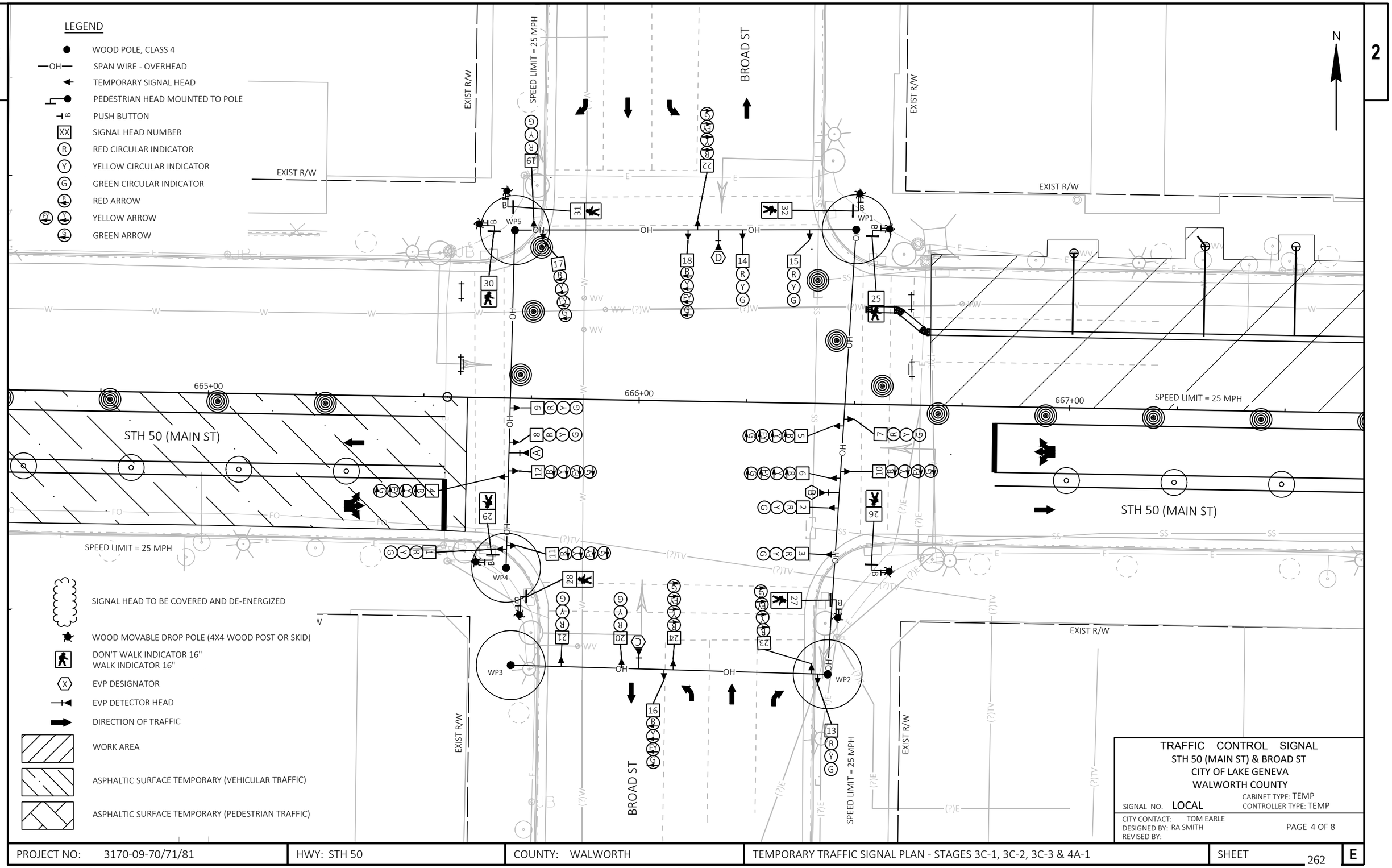


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 3A & 3B/WINTER SHUTDOWN	SHEET 261	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3B.DWG
LAYOUT NAME - Broad_3b-Winter

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

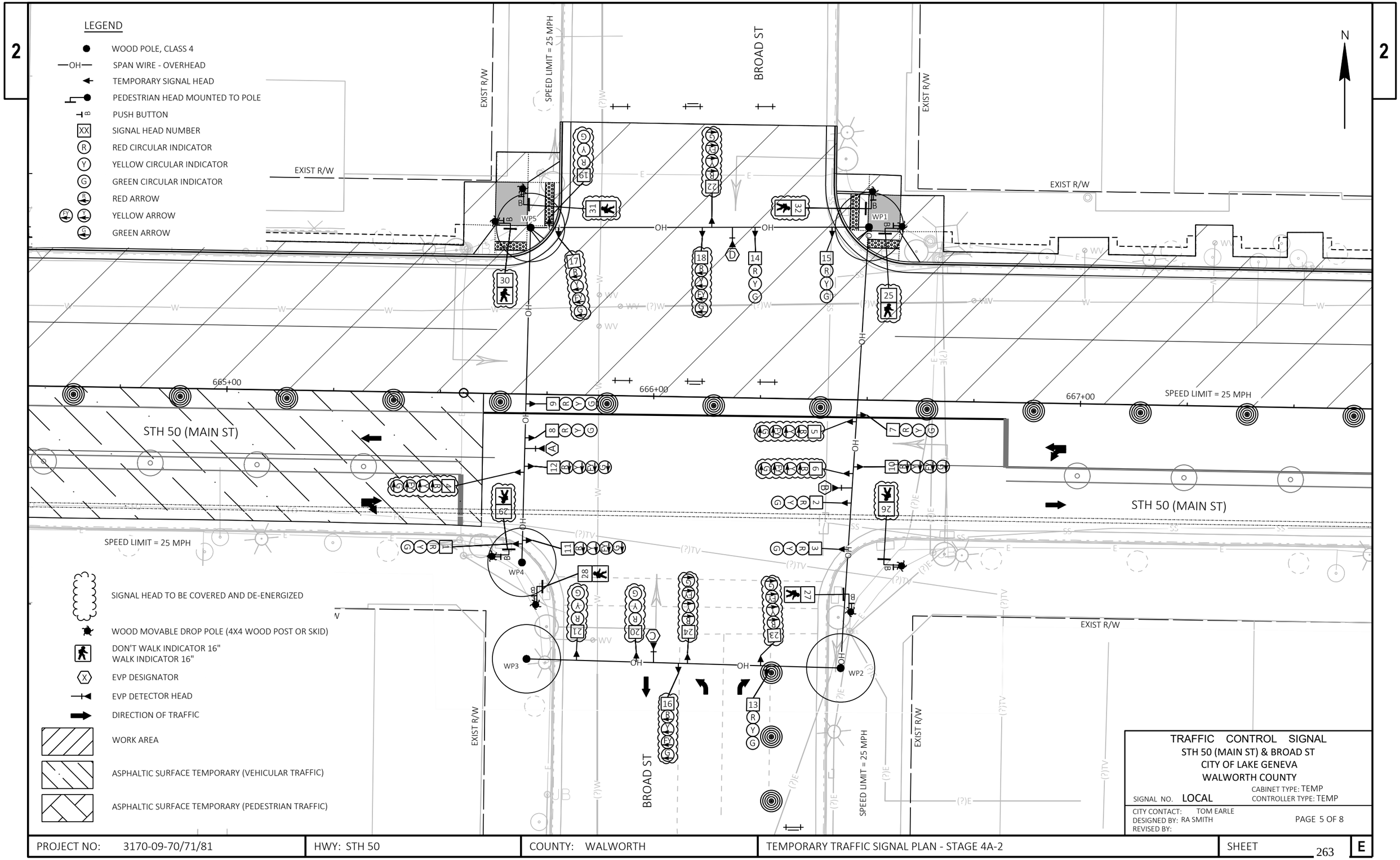


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 3C-1, 3C-2, 3C-3 & 4A-1	SHEET 262	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3C1.DWG
LAYOUT NAME - Broad_3c1

PLOT DATE : 7/30/2026 12:40 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

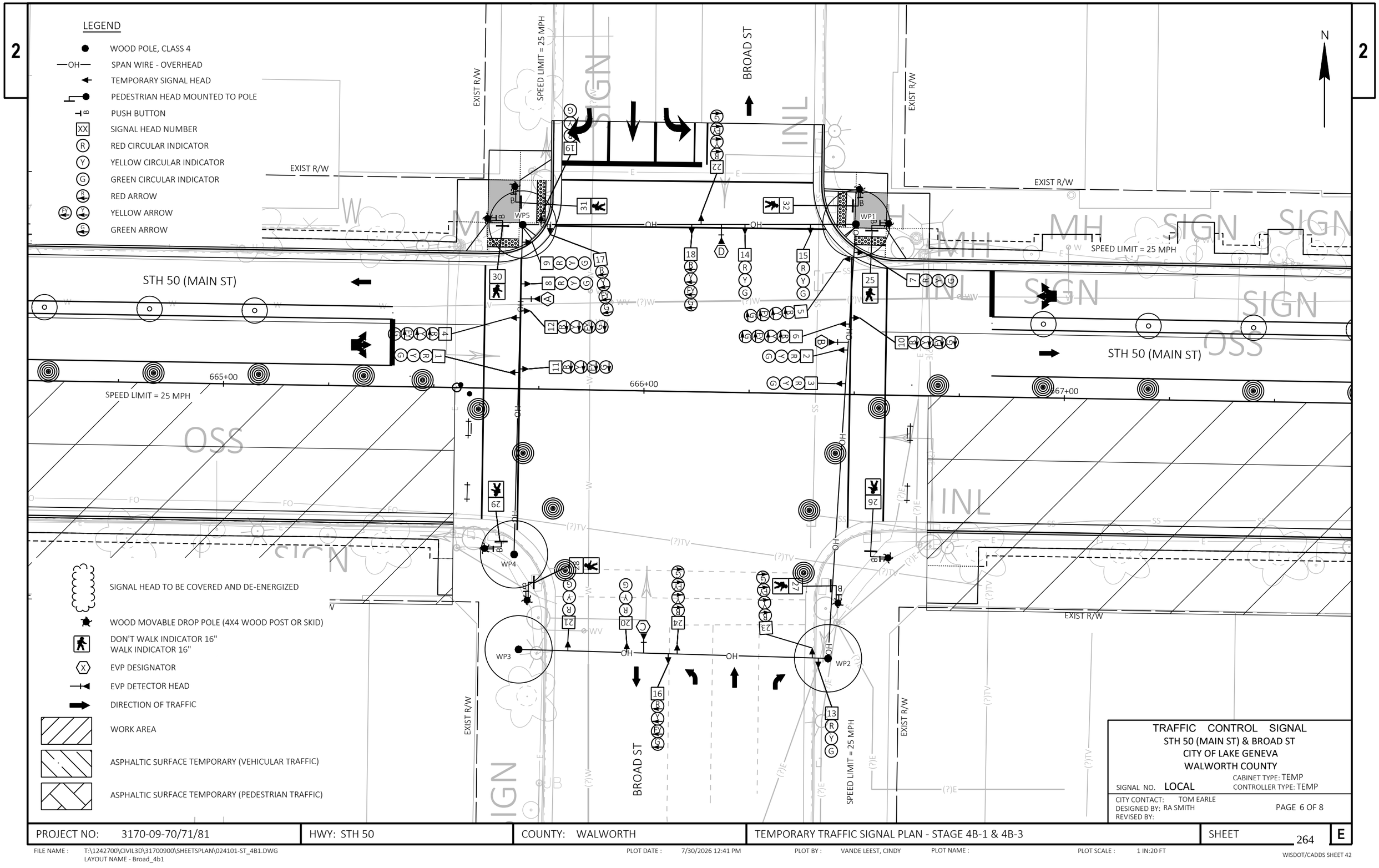


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4A-2	SHEET 263	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4A2.DWG
LAYOUT NAME - Broad_4a2

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

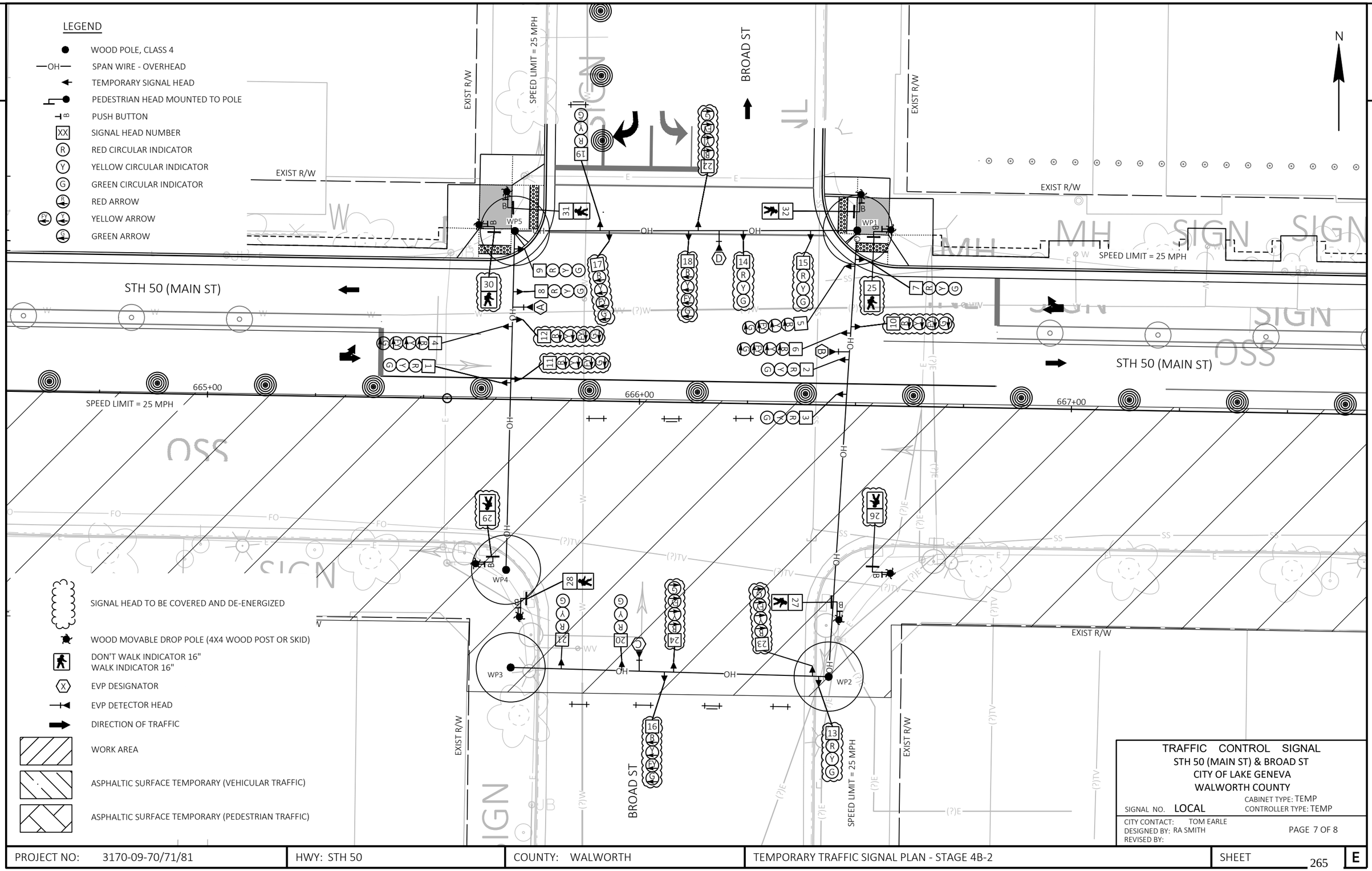


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4B-1 & 4B-3	SHEET 264	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4B1.DWG
LAYOUT NAME - Broad_4b1

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & BROAD ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 7 OF 8

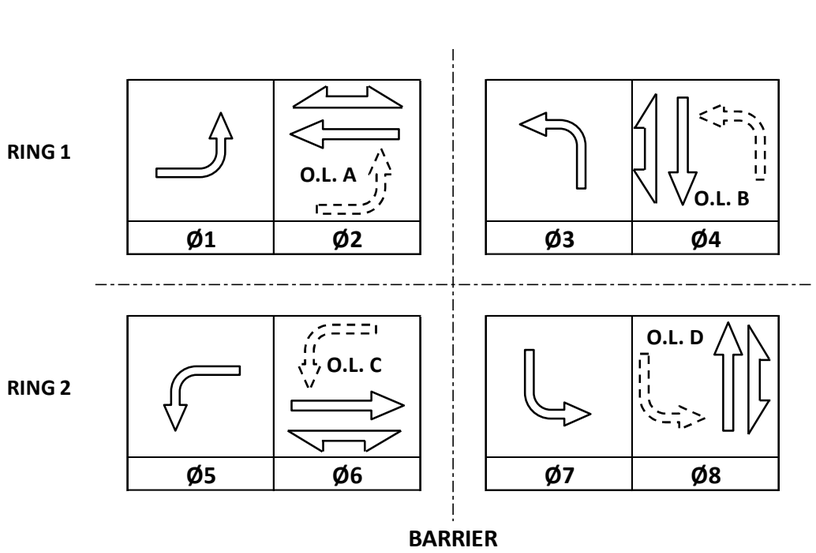
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4B-2	SHEET 265	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4B2.DWG
LAYOUT NAME - Broad_4b2

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	-
Ø2	7,8,9	R
Ø3	16,17,18	-
Ø4	19,20,21	R
Ø5	10,11,12	-
Ø6	1,2,3	R
Ø7	22,23,24	-
Ø8	13,14,15	R
Ø2P	31,32	
Ø4P	29,30	
Ø6P	27,28	
Ø8P	25,26	
OLA	4,5,6	R
OLB	16,17,18	R
OLC	10,11,12	R
OLD	22,23,24	R



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

CONTROLLER LOGIC

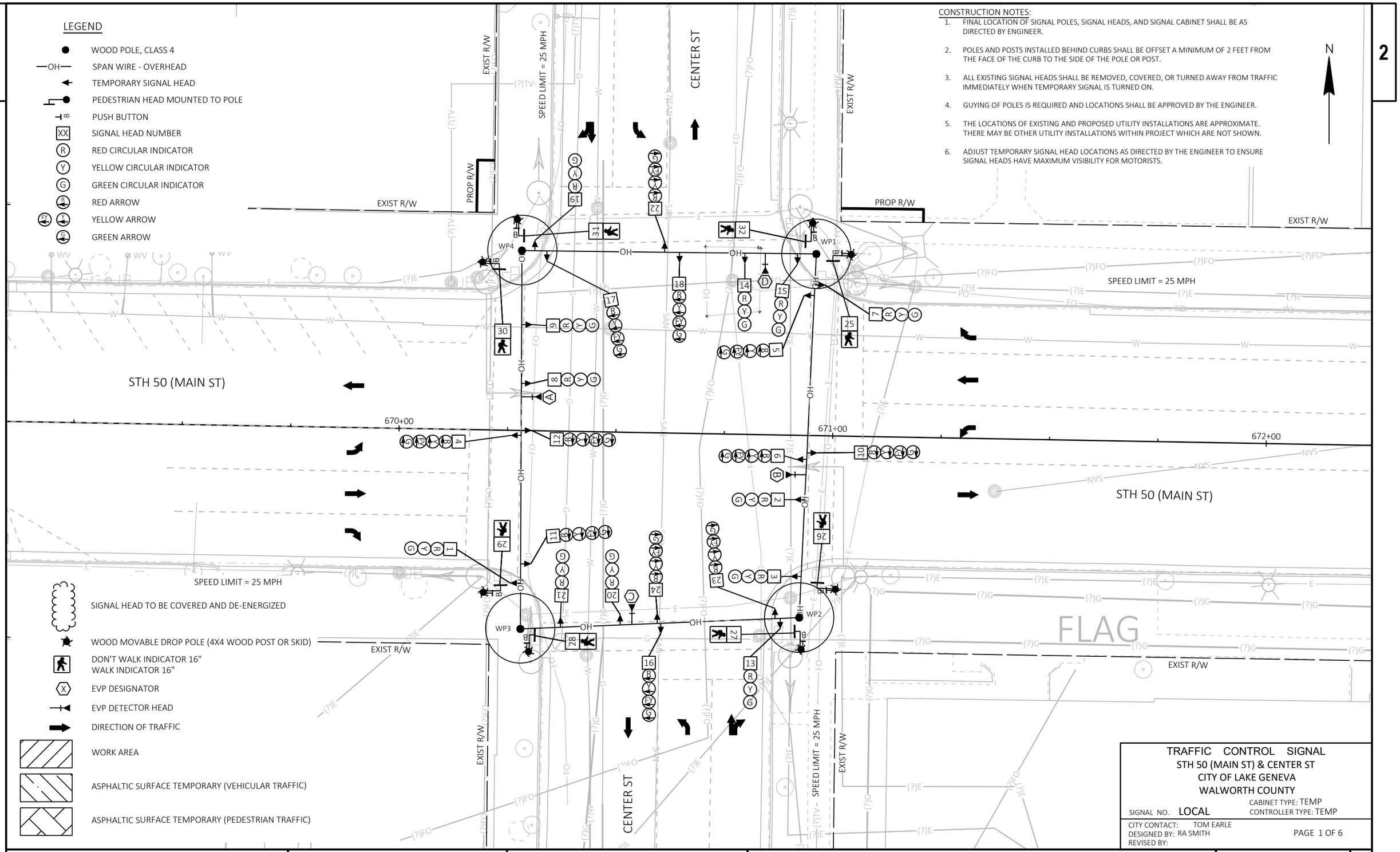
PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1	X	6	MAX	X
2	X	6	MAX	X
3	X	8	MAX	X
4	X	8	MAX	X
5	X	2	MAX	X
6	X	2	MAX	X
7	X	4	MAX	X
8	X	4	MAX	X

GENERAL NOTES:

1. OMIT PHASES 1,3,5, AND 6 DURING STAGE 2D

2. SIGNALS SHALL OPERATE WITH EASTBOUND AND WESTBOUND SPLIT PHASING WHEN EXCLUSIVE LEFT-TURN LANES ARE NOT PROVIDED ON STH 50

STH 50 (MAIN ST) & BROAD ST
CITY OF LAKE GENEVA
WALWORTH COUNTY
SIGNAL NO: TEMP CABINET TYPE: TEMP
CONTROLLER TYPE:
DATE: 08/26 PAGE NO. 8 OF 8



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 1 OF 6

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 2B, 2C, 2D, 3A & 3B/WINTER SHUTDOWN	SHEET 267	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST.DWG
LAYOUT NAME - Center

PLOT DATE : 7/30/2026 12:51 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)

DON'T WALK INDICATOR 16"
WALK INDICATOR 16"

EVP DESIGNATOR

EVP DETECTOR HEAD

DIRECTION OF TRAFFIC

WORK AREA

ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)

ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

CENTER ST

STH 50 (MAIN ST)

FLAG

EXIST R/W

PROP R/W

SPEED LIMIT = 25 MPH

670+00

671+00

672+00

WP1

WP2

WP3

WP4

OH

N

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

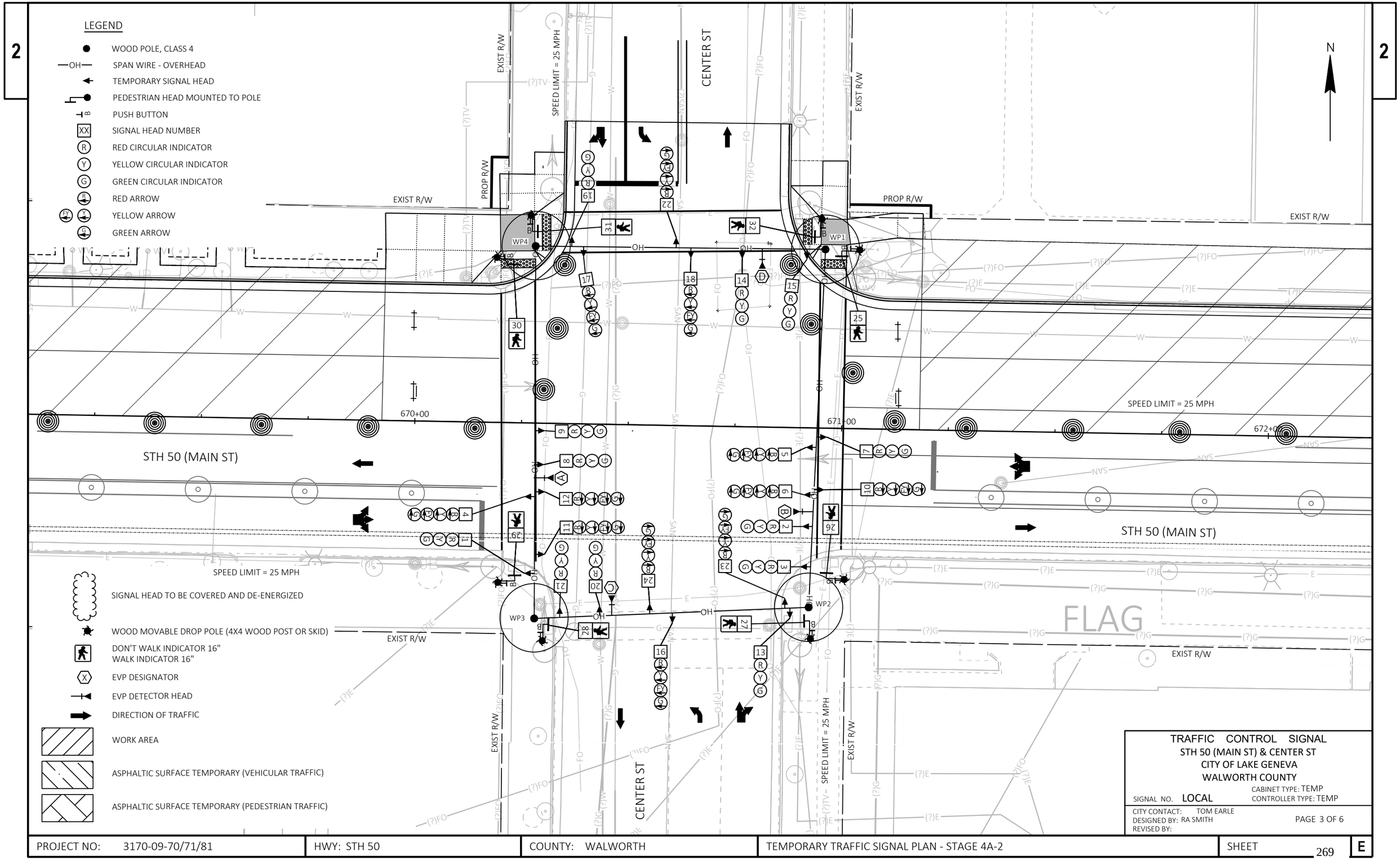
PAGE 2 OF 6

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 3C-1, 3C-2, 3C-3 & 4A-1	SHEET 268	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3C1.DWG
LAYOUT NAME - Center_3c1

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42



TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 3 OF 6

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4A-2	SHEET 269	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4A2.DWG
LAYOUT NAME - Center_4a2

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- B — PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- RA — RED ARROW
- YA — YELLOW ARROW
- GA — GREEN ARROW

N

EXIST R/W

PROP R/W

SPEED LIMIT = 25 MPH

CENTER ST

STH 50 (MAIN ST)

WP1

WP2

WP3

WP4

OH

670+00

671+00

672+00

SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)

DON'T WALK INDICATOR 16"
WALK INDICATOR 16"

EVP DESIGNATOR

EVP DETECTOR HEAD

DIRECTION OF TRAFFIC

WORK AREA

ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)

ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 4 OF 6

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4B-1	SHEET 270	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4B1.DWG
LAYOUT NAME - Center_4b1

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

EXIST R/W
PROP R/W
SPEED LIMIT = 25 MPH
CENTER ST
STH 50 (MAIN ST)
WP1
WP2
WP3
WP4
OH
670+00
SIGN
FLAG
MH
OSS

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

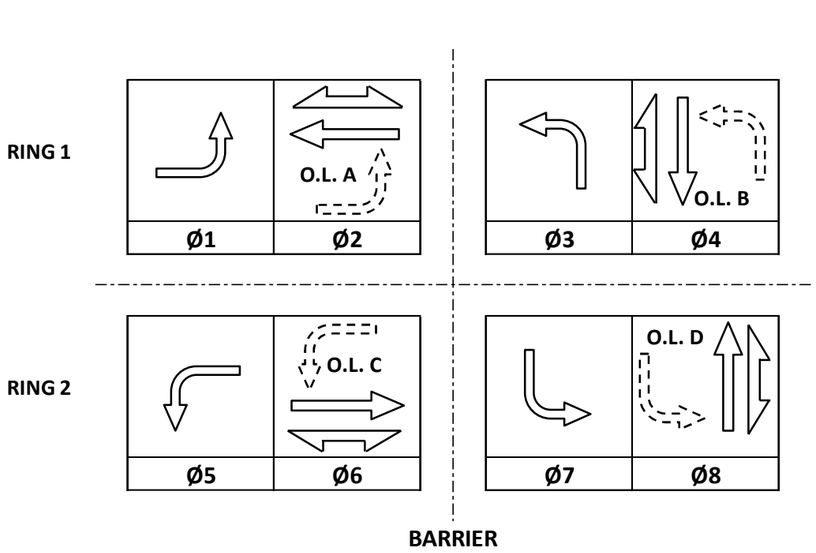
SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 5 OF 6

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 4B-2 & 4B-3	SHEET 271	E

	HEAD NUMBERS	FLASH
Ø1	4,5,6	-
Ø2	7,8,9	R
Ø3	16,17,18	-
Ø4	19,20,21	R
Ø5	10,11,12	-
Ø6	1,2,3	R
Ø7	22,23,24	-
Ø8	13,14,15	R
Ø2P	31,32	
Ø4P	29,30	
Ø6P	27,28	
Ø8P	25,26	
OLA	4,5,6	R
OLB	16,17,18	R
OLC	10,11,12	R
OLD	22,23,24	R



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1	X	6	MAX	X
2	X	6	MAX	X
3	X	8	MAX	X
4	X	8	MAX	X
5	X	2	MAX	X
6	X	2	MAX	X
7	X	4	MAX	X
8	X	4	MAX	X

GENERAL NOTES:

1. SIGNALS SHALL OPERATE WITH EASTBOUND AND WESTBOUND SPLIT PHASING WHEN EXCLUSIVE LEFT-TURN LANES ARE NOT PROVIDED ON STH 50

2. OMIT PHASES 1,3,4, AND 7 DURING STAGE 3C-1

STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY
SIGNAL NO: TEMP CABINET TYPE: TEMP
CONTROLLER TYPE:
DATE: 08/26 PAGE NO. 6 OF 6

2

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

2

FLAG

EXIST R/W

8" CMP
IE = 853.13

WP4

WP1

WP2

WP3

STH 50 (MAIN ST)

678+00

679+00

680+00

SPEED LIMIT = 25 MPH

WELLS ST

EXIST R/W

TLE

CONSTRUCTION NOTES:

1. FINAL LOCATION OF SIGNAL POLES, SIGNAL HEADS, AND SIGNAL CABINET SHALL BE AS DIRECTED BY ENGINEER.
2. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF THE CURB TO THE SIDE OF THE POLE OR POST.
3. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN TEMPORARY SIGNAL IS TURNED ON.
4. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
5. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
6. ADJUST TEMPORARY SIGNAL HEAD LOCATIONS AS DIRECTED BY THE ENGINEER TO ENSURE SIGNAL HEADS HAVE MAXIMUM VISIBILITY FOR MOTORISTS.

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 1 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 2B, 2C & 2D	SHEET 273	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST.DWG
LAYOUT NAME - Wells

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

EXIST R/W

8" CMP
IE = 853.13

WP4

WP1

WP2

WP3

STH 50 (MAIN ST)

678+00

679+00

680+00

SPEED LIMIT = 25 MPH

WELLS ST

SPEED LIMIT = 25 MPH

EXIST R/W

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 2 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3A	SHEET 274	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3A.DWG
LAYOUT NAME - Wells_3a

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- RA — RED ARROW
- PY YA — YELLOW ARROW
- GA — GREEN ARROW

- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- X — EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

2

FLAG

EXIST R/W

8" CMP
IE = 853.13

WP4

WP1

WP2

WP3

STH 50 (MAIN ST)

678+00

679+00

680+00

SPEED LIMIT = 25 MPH

WELLS ST

TLE

EXIST R/W

SPEED LIMIT = 25 MPH

EXIST R/W

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 3 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3B/WINTER SHUTDOWN	SHEET 275	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3B.DWG
LAYOUT NAME - Wells_3b-Winter

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

FLAG

EXIST R/W

8" CMP
IE = 853.13

WP4 WP1 WP2 WP3

678+00 679+00 680+00

STH 50 (MAIN ST)

SPEED LIMIT = 25 MPH

WELLS ST

TLE

GUY

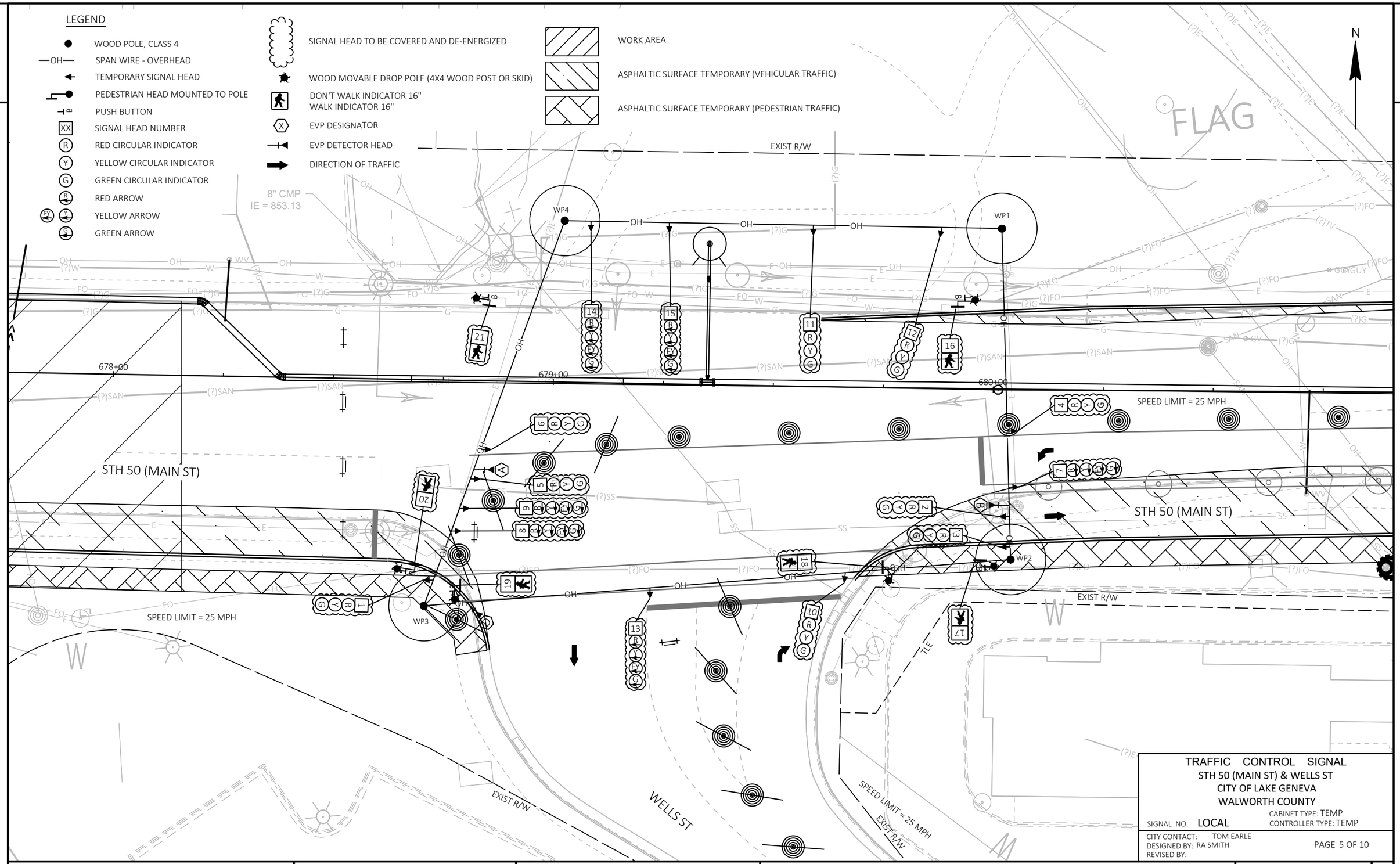
TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 4 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 3C-1 & 3C-2	SHEET 276	E



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 3C-3	SHEET 277	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_3C3.DWG
LAYOUT NAME - Wells_3c3

PLOT DATE : 7/30/2026 12:41 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- RA — RED ARROW
- YA — YELLOW ARROW
- GA — GREEN ARROW

- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- X — EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

2

FLAG

EXIST R/W

8" CMP
IE = 853.13

WP4

WP1

WP2

WP3

678+00

679+00

680+00

STH 50 (MAIN ST)

SPEED LIMIT = 25 MPH

EXIST R/W

WELLS ST

SPEED LIMIT = 25 MPH

EXIST R/W

TLE

STH 50 (MAIN ST)

EXIST R/W

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 6 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 4A-1 & 4A-2	SHEET 278	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4A1.DWG
LAYOUT NAME - Wells_4a1

PLOT DATE : 7/30/2026 12:42 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

EXIST R/W

8" CMP
IE = 853.13

WP4

WP1

WP2

WP3

STH 50 (MAIN ST)

678+00

679+00

SPEED LIMIT = 25 MPH

EXIST R/W

WELLS ST

SPEED LIMIT = 25 MPH

EXIST R/W

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 7 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGES 4B-1 & 4B-3	SHEET 279	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4B1.DWG
LAYOUT NAME - Wells_4b1

PLOT DATE : 7/30/2026 12:42 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- RA — RED ARROW
- YA — YELLOW ARROW
- GA — GREEN ARROW

- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- X — EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

2

EXIST R/W

8" CMP
IE = 853.13

WP4

WP1

WP2

WP3

STH 50 (MAIN ST)

678+00

679+00

SPEED LIMIT = 25 MPH

WELLS ST

EXIST R/W

SPEED LIMIT = 25 MPH

EXIST R/W

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 8 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4B-2	SHEET 280	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4B2.DWG
LAYOUT NAME - Wells_4b2

PLOT DATE : 7/30/2026 12:42 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WOOD POLE, CLASS 4
- OH — SPAN WIRE - OVERHEAD
- TEMPORARY SIGNAL HEAD
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- XX — SIGNAL HEAD NUMBER
- R — RED CIRCULAR INDICATOR
- Y — YELLOW CIRCULAR INDICATOR
- G — GREEN CIRCULAR INDICATOR
- RA — RED ARROW
- YA — YELLOW ARROW
- GA — GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- X — EVP DESIGNATOR
- EVP DETECTOR HEAD
- DIRECTION OF TRAFFIC
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)

N

EXIST R/W

8" CMP
IE = 853.13

WP4

WP1

WP2

WP3

678+00

STH 50 (MAIN ST)

679+00

680+00

STH 50 (MAIN ST)

SPEED LIMIT = 25 MPH

SPEED LIMIT = 25 MPH

EXIST R/W

EXIST R/W

WELLS ST

SPEED LIMIT = 25 MPH

EXIST R/W

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

CABINET TYPE: TEMP
SIGNAL NO. LOCAL
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 9 OF 10

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 4C	SHEET 281	E

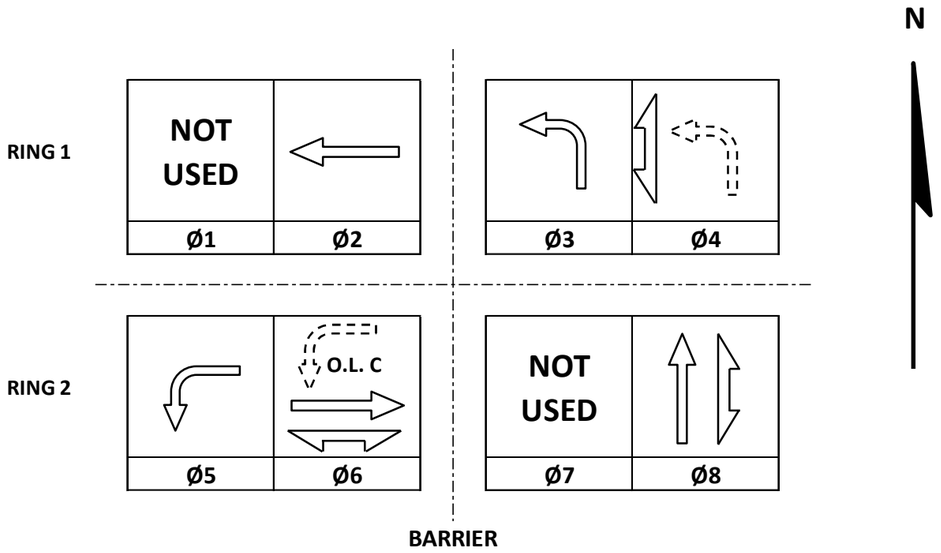
FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024101-ST_4C.DWG
LAYOUT NAME - Wells_4c

PLOT DATE : 7/30/2026 12:42 PM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

	HEAD NUMBERS	FLASH
Ø1		
Ø2	4,5,6	R
Ø3	13,14,15	-
Ø4	0	R
Ø5	7,8,9	-
Ø6	1,2,3	R
Ø7		
Ø8	10,11,12	R
Ø2P		
Ø4P	20,21	
Ø6P	18,19	
Ø8P	16,17	
OLA		
OLB	13,14,15	R ←
OLC	7,8,9	R ←
OLD		



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	D
MOVEMENT			
PHASE	2+5	6+2	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 8+3, CONTROLLER SHALL RETURN TO PHASE 8.

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1	X	6	MAX	
2	X	6	MAX	X
3	X	8	MAX	X
4	X	8	MAX	X
5	X	2	MAX	X
6	X	2	MAX	X
7	X	4	MAX	
8	X	4	MAX	X

GENERAL NOTES:

1. SIGNALS SHALL OPERATE WITH EASTBOUND AND WESTBOUND SPLIT PHASING WHEN EXCLUSIVE LEFT-TURN LANES ARE NOT PROVIDED ON STH 50
2. SIGNALS SHALL BE TURNED OFF AND BAGGED DURING STAGE 3C-3
3 SIGNALS SHALL DWELL GREEN ON STH 50 APPROACHES DURING STAGE 4B-2 WHEN SOUTH LEG IS CLOSED

STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO: TEMP CABINET TYPE: TEMP
CONTROLLER TYPE:
DATE: 08/26 PAGE NO. 10 OF 10

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- SIGNAL HEAD NUMBER
- RED CIRCULAR INDICATOR
- YELLOW CIRCULAR INDICATOR
- GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- LANE DESIGNATION FOR INFO ONLY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
2. FINAL LOCATION OF SIGNAL POLES, SIGNAL HEADS, AND SIGNAL CABINET SHALL BE AS DIRECTED BY ENGINEER.
3. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF THE CURB TO THE SIDE OF THE POLE OR POST.
4. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN TEMPORARY SIGNAL IS TURNED ON.
5. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
6. ADJUST TEMPORARY SIGNAL HEAD LOCATIONS TO ENSURE ALL SIGNAL HEADS HAVE MAXIMUM VISIBILITY FOR MOTORISTS.
7. NEW SIGNAL HEAD INSTALLATIONS SHALL BE BAGGED UNTIL SWITCHING FROM THE EXISTING TRAFFIC CONTROL SIGNAL TO THE REPLACEMENT TRAFFIC CONTROL SIGNAL.

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 1 OF 4

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - PRECONSTRUCTION	SHEET 283	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024102-ST.DWG
LAYOUT NAME - STH120

PLOT DATE : 7/30/2026 12:07 PM
PLOT BY : UTIC, ANDY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- LANE DESIGNATION FOR INFO ONLY

UNBAG APPROPRIATE PEDESTRIAN HEADS WHEN CROSSING IS OPEN

N

N EDWARDS BLVD

STH 120 (N EDWARDS BLVD)

STH 50

STH 50 / STH 120

EXIST R/W

RIPRAP

12" CMP
TE = 877.27

WP1 WP2 WP3 WP4 WP5 WP6

721 722 723 724 725 726

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 2 OF 4

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 6A	SHEET 284	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024102-ST_6A.DWG
LAYOUT NAME - STH120_6a

PLOT DATE : 7/30/2026 12:56 PM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- TEMPORARY LUMINAIRE, 250 W HPS OR LED C
- PEDESTRIAN HEAD MOUNTED TO POLE
- PUSH BUTTON
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED
- WOOD MOVABLE DROP POLE (4X4 WOOD POST OR SKID)
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- LANE DESIGNATION FOR INFO ONLY

N

N EDWARDS BLVD

STH 50

STH 50 / STH 120

STH 120 (N EDWARDS BLVD)

EXIST R/W

RIPRAP

12" CMP
IE = 877.27

WP1 WP2 WP3 WP4 WP5 WP6

721 722 724 725 726

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 3 OF 4

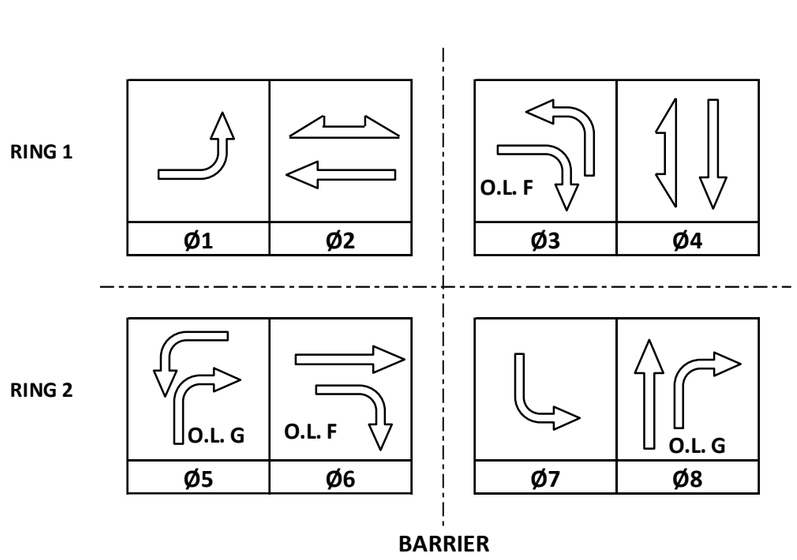
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 6B	SHEET 285	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024102-ST_6B.DWG
LAYOUT NAME - STH120_6b

PLOT DATE : 7/30/2026 2:25 PM
PLOT BY : UTIC, ANDY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R ←
Ø2	10,11,12	R
Ø3	19,20,21	R ←
Ø4	25,26,27	R
Ø5	13,14,15	R ←
Ø6	1,2,3	R
Ø7	28,29,30	R ←
Ø8	16,17,18	R
Ø2P	31,32	
Ø4P	33,34,35,36	
Ø6P		
Ø8P		
OLF	7,8,9	R →
OLG	22,23,24	R →



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT	←	→	↓	↑
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1	X	6	MAX	X
2	X	6	MAX	X
3	X	8	MAX	X
4	X	8	MAX	X
5	X	2	MAX	X
6	X	2	MAX	X
7	X	4	MAX	X
8	X	4	MAX	X

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

GENERAL NOTES:

1. STAGE 6A & 6B: SIGNALS SHALL OPERATE WITH NORTHBOUND AND SOUTHBOUND SPLIT PHASING WHEN EXCLUSIVE LEFT-TURN LANES ARE NOT PROVIDED ON STH 120
2. STAGE 6B: SIGNALS SHALL OPERATE WITH EASTBOUND AND WESTBOUND LEAD-LAG LEFT-TURN PHASING. PHASES 1 & 5 SHALL NOT RUN CONCURRENTLY.
3. STAGE 6B: SIGNALS SHALL OPERATE WITH EASTBOUND AND WESTBOUND SPLIT PHASING WHEN EXCLUSIVE LEFT-TURN LANES ARE NOT PROVIDED ON STH 50
4. STAGE 6B: SIGNALS SHALL OPERATE WITH NORTHBOUND AND SOUTHBOUND LEAD-LAG LEFT-TURN PHASING. PHASES 3 & 7 SHALL NOT RUN CONCURRENTLY.

STH 50 (MAIN ST) & 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY
SIGNAL NO: TEMP CABINET TYPE: TEMP
CONTROLLER TYPE:
DATE: 08/26 PAGE NO. 4 OF 4

2

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- LANE DESIGNATION FOR INFO ONLY

CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
2. FINAL LOCATION OF SIGNAL POLES, SIGNAL HEADS, AND SIGNAL CABINET SHALL BE AS DIRECTED BY ENGINEER.
3. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF THE CURB TO THE SIDE OF THE POLE OR POST.
4. ALL EXISTING SIGNAL HEADS SHALL BE REMOVED, COVERED, OR TURNED AWAY FROM TRAFFIC IMMEDIATELY WHEN TEMPORARY SIGNAL IS TURNED ON.
5. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
6. ADJUST TEMPORARY SIGNAL HEAD LOCATIONS TO ENSURE ALL SIGNAL HEADS HAVE MAXIMUM VISIBILITY FOR MOTORISTS.
7. NEW SIGNAL HEAD INSTALLATIONS SHALL BE BAGGED UNTIL SWITCHING FROM THE EXISTING TRAFFIC CONTROL SIGNAL TO THE REPLACEMENT TRAFFIC CONTROL SIGNAL.

USH 12 EB OFF-RAMP

USH 12 EB ON-RAMP

STH 50 (MAIN ST) R/L

STH 50 / STH 120

EXIST R/W

12" RCP
IE = 867.69

WP1 WP2 WP3 WP4 WP5

OH

730 731 732 733 734 735 736

N

TRAFFIC CONTROL SIGNAL
STH 50 / STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY

CABINET TYPE: TEMP
SIGNAL NO. LOCAL CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 1 OF 4

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - PRECONSTRUCTION	SHEET 287	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024102-ST.DWG
LAYOUT NAME - USH12EBRamp

PLOT DATE : 7/30/2026 12:06 PM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- LANE DESIGNATION FOR INFO ONLY

USH 12 EB OFF-RAMP

EXIST R/W

12" RCP
IE = 867.69

72" RCP
IE = 860.26

STH 50 (MAIN ST) R/L

STH 50 / STH 120

STH 50 / STH 120

USH 12 EB ON-RAMP

WP1 WP2 WP3 WP4 WP5

OH

730 731 732 733 734 735 736

N

TRAFFIC CONTROL SIGNAL
STH 50 / STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 2 OF 4

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 6A	SHEET 288	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024102-ST_6A.DWG
LAYOUT NAME - USH12EBRamp_6a

PLOT DATE : 7/30/2026 12:16 PM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- WOOD POLE, CLASS 4
- SPAN WIRE
- TEMPORARY SIGNAL HEAD
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- Y YELLOW ARROW
- G GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- LANE DESIGNATION FOR INFO ONLY

USH 12 EB OFF-RAMP

12" RCP
IE = 860.26

EXIST R/W

STH 50 (MAIN ST) R/L

STH 50 / STH 120

12" RCP
IE = 867.69

WP1 WP2 WP3 WP4 WP5

OH

730 731 732 733 734 735 736

USH 12 EB ON-RAMP

N

TRAFFIC CONTROL SIGNAL
STH 50 / STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TEMP
CONTROLLER TYPE: TEMP

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 3 OF 4

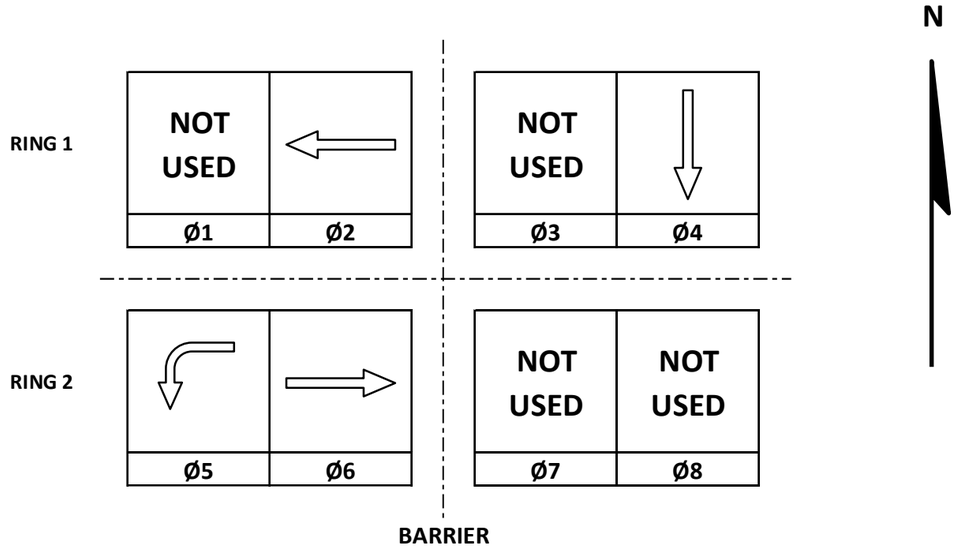
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TEMPORARY TRAFFIC SIGNAL PLAN - STAGE 6B	SHEET 289	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024102-ST_6B.DWG
LAYOUT NAME - USH12EBRamp_6b

PLOT DATE : 7/30/2026 2:26 PM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1		
Ø2	4,5,6	R
Ø3		
Ø4	10,11,12,13	R
Ø5	7,8,9	R ←
Ø6	1,2,3	R
Ø7		
Ø8		
Ø2P		
Ø4P		
Ø6P		
Ø8P		



EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C
MOVEMENT			
PHASE	2+5	6+2	4

AFTER PREEMPTION SEQUENCE 2+5 OR 6+2, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4, CONTROLLER SHALL RETURN TO PHASE 4.

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTION	

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MAX	X
3				
4	X	8	MAX	X
5	X	2	MAX	X
6	X	2	MAX	X
7				
8				

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	
IN SEPARATE LIGHTING CABINET	X

GENERAL NOTES:

1. STAGE 6A: OMIT PHASES 4 & 5 WHEN RAMPS ARE CLOSED TO TRAFFIC

2. STAGE 6B: OMIT PHASE 5 WHEN WESTBOUND LEFT TURN LANE IS CLOSED TO TRAFFIC

STH 50/STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY
SIGNAL NO: TEMP CABINET TYPE: TEMP
CONTROLLER TYPE:
DATE: 08/26 PAGE NO. 4 OF 4

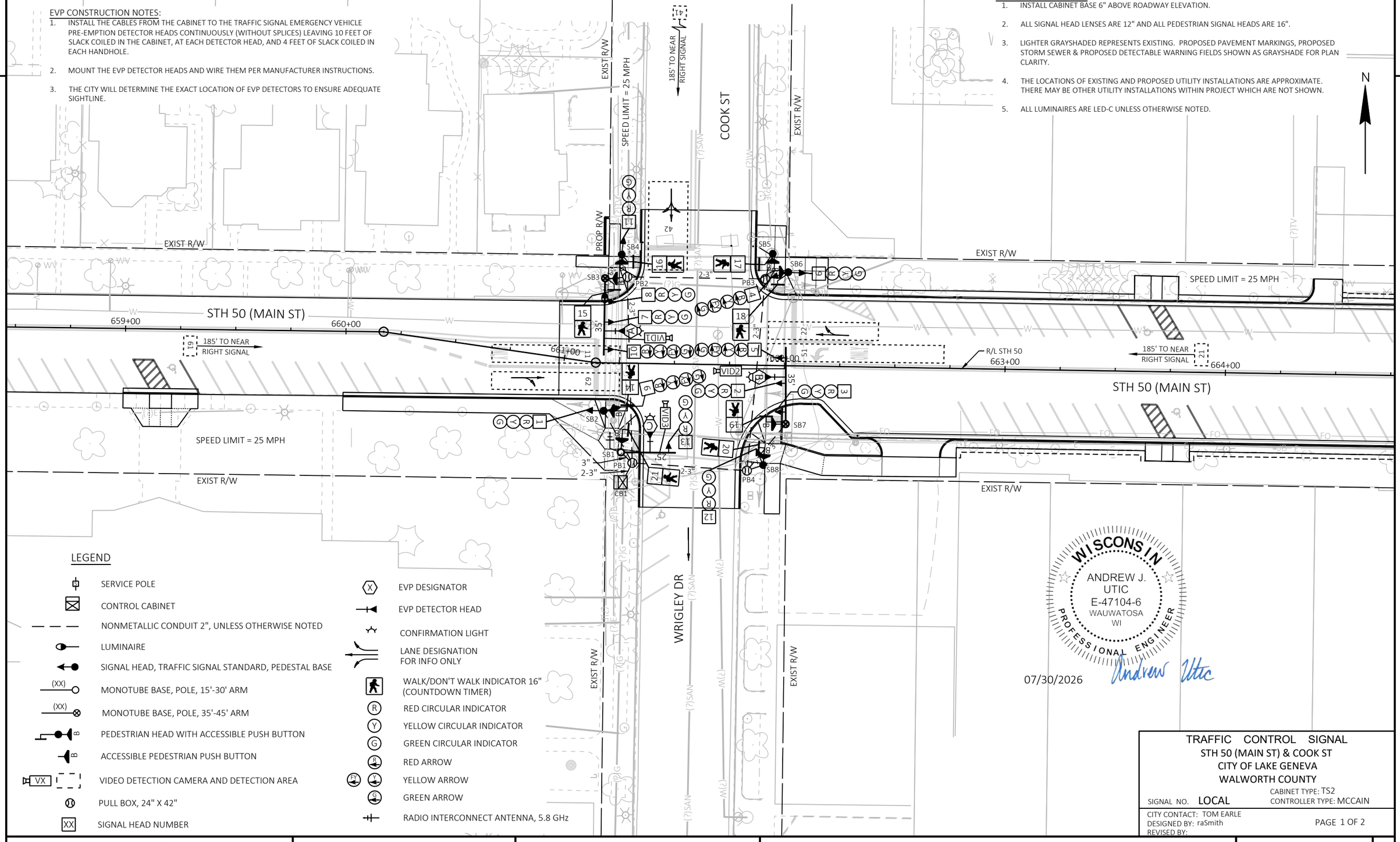
2

EVP CONSTRUCTION NOTES:

1. INSTALL THE CABLES FROM THE CABINET TO THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR HEADS CONTINUOUSLY (WITHOUT SPLICES) LEAVING 10 FEET OF SLACK COILED IN THE CABINET, AT EACH DETECTOR HEAD, AND 4 FEET OF SLACK COILED IN EACH HANDHOLE.
2. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
3. THE CITY WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE ADEQUATE SIGHTLINE.

CONSTRUCTION NOTES:

1. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
2. ALL SIGNAL HEAD LENSES ARE 12" AND ALL PEDESTRIAN SIGNAL HEADS ARE 16".
3. LIGHTER GRAYSHADED REPRESENTS EXISTING. PROPOSED PAVEMENT MARKINGS, PROPOSED STORM SEWER & PROPOSED DETECTABLE WARNING FIELDS SHOWN AS GRAYSHADE FOR PLAN CLARITY.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.



LEGEND

- SERVICE POLE
- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LUMINAIRE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD WITH ACCESSIBLE PUSH BUTTON
- ACCESSIBLE PEDESTRIAN PUSH BUTTON
- VX VIDEO DETECTION CAMERA AND DETECTION AREA
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONFIRMATION LIGHT
- LANE DESIGNATION FOR INFO ONLY
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- RADIO INTERCONNECT ANTENNA, 5.8 GHz

WISCONSIN
ANDREW J. UTIC
E-47104-6
WAUWATOSA
WI
PROFESSIONAL ENGINEER

07/30/2026

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 2

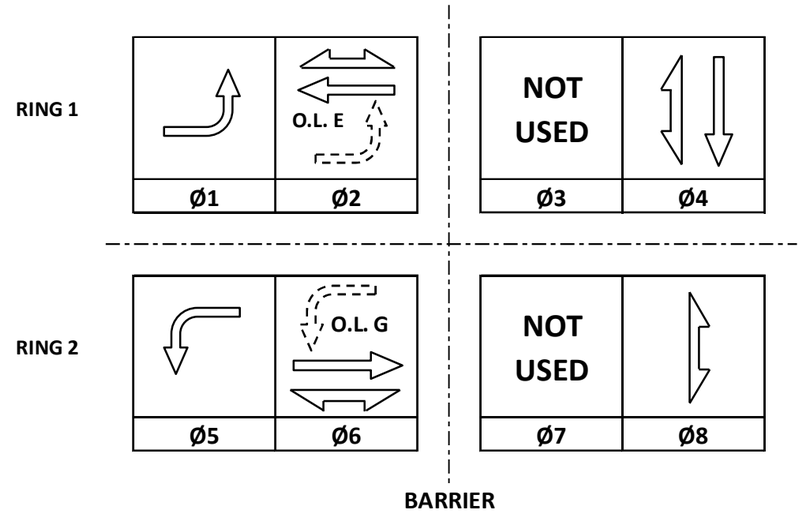
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 291	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - Cook-01-sp

PLOT DATE : 7/23/2026 9:05 AM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5	R ←
Ø2	6,7,8	R
Ø3		
Ø4	11,12,13	R
Ø5	9,10	R ←
Ø6	1,2,3	R
Ø7		
Ø8		
Ø2P	16,17	
Ø4P	14,15	
Ø6P	20,21	
Ø8P	18,19	
OLE	4,5	-
OLF		
OLG	9,10	-
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3				
4				X
5		2		X
6	X	2	MIN	X
7				
8				

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C
MOVEMENT			
PHASE	2+5	6+1	4

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4, CONTROLLER SHALL RETURN TO PHASE 4.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	X
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR(S)	11	22	42	61				
PHASE CALLED	1	2	4	6				
PHASE EXTENDED	X	X	X	6				
CALLING DELAY								
EXTENSION STRETCH								
ADDED INITIAL				X				

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR(S)	21	41	51	62				
PHASE CALLED	2		5	6				
PHASE EXTENDED	2	X	X	X				
CALLING DELAY								
EXTENSION STRETCH		X						
ADDED INITIAL	X							

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

STH 50 (MAIN ST) & COOK ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO: CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN
DATE: 08/2026 PAGE NUMBER: 2 OF 2

PROJECT NO:	3170-09-70/71
INTERSECTION:	STH 50 (MAIN ST) & COOK ST, WRIGLEY DR.

SIGNAL WIRE COLOR CODING	BLK-Black	RED-Red	GRN-Green
	WHT-White	BLU-Blue	ORG-Orange
MULTI-COLOR WIRES FORMAT: Base Color/Tracer Line			

CB1 TO	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	D/WALK	WALK		
SB1	12	13	Ø4	RED	ORG	GRN								
		21	Ø6P								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK
SB2	12	1	Ø6	RED	ORG	GRN								
		9	Ø5				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		14	Ø4P								BLK	BLU		
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB3	12	7	Ø2	RED	ORG	GRN								
		8	Ø2	RED	ORG	GRN								
		10	Ø5				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		15	Ø4P								BLK	BLU		
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB4	12	11	Ø4	RED	ORG	GRN								
		16	Ø2P								BLK	BLU		
		BUTTON	Ø2P										BLU/BLK	WHT/BLK
SB5	12	17	Ø2P								BLK	BLU		
		BUTTON	Ø2P										BLU/BLK	WHT/BLK
SB6	12	4	Ø1				RED	ORG	BLK/WHT	GRN				
		6	Ø2	RED/BLK	ORG/BLK	GRN/BLK								
		18	Ø8P								BLK	BLU		
		BUTTON	Ø8P										BLU/BLK	WHT/BLK
SB7	12	2	Ø6	RED	ORG	GRN								
		3	Ø6	RED	ORG	GRN								
		5	Ø1				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		19	Ø8P								BLK	BLU		
		BUTTON	Ø8P										BLU/BLK	WHT/BLK
SB8	12	12	Ø4	RED	ORG	GRN								
		20	Ø6P								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK

NOTES:

1. USE WHITE CONDUCTOR IN SIGNAL CABLE AS GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.

2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE THREE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.

3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	CB1

LIGHTING UF 2-10 AWG GROUNDED	
FROM	TO
CB1	SB3

VIDEO DETECTION CABLE	
FROM	TO
CB1	SB3 (VID 1)
CB1	SB7 (VID 2)
CB1	SB1 (VID 3)

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	SB1
PB2	SB3
PB3	SB6
PB4	SB8

EMERGENCY VEHICLE CABLE	
FROM	TO
CB1	SB3 (A)
CB1	SB7 (B)
CB1	SB1 (C)

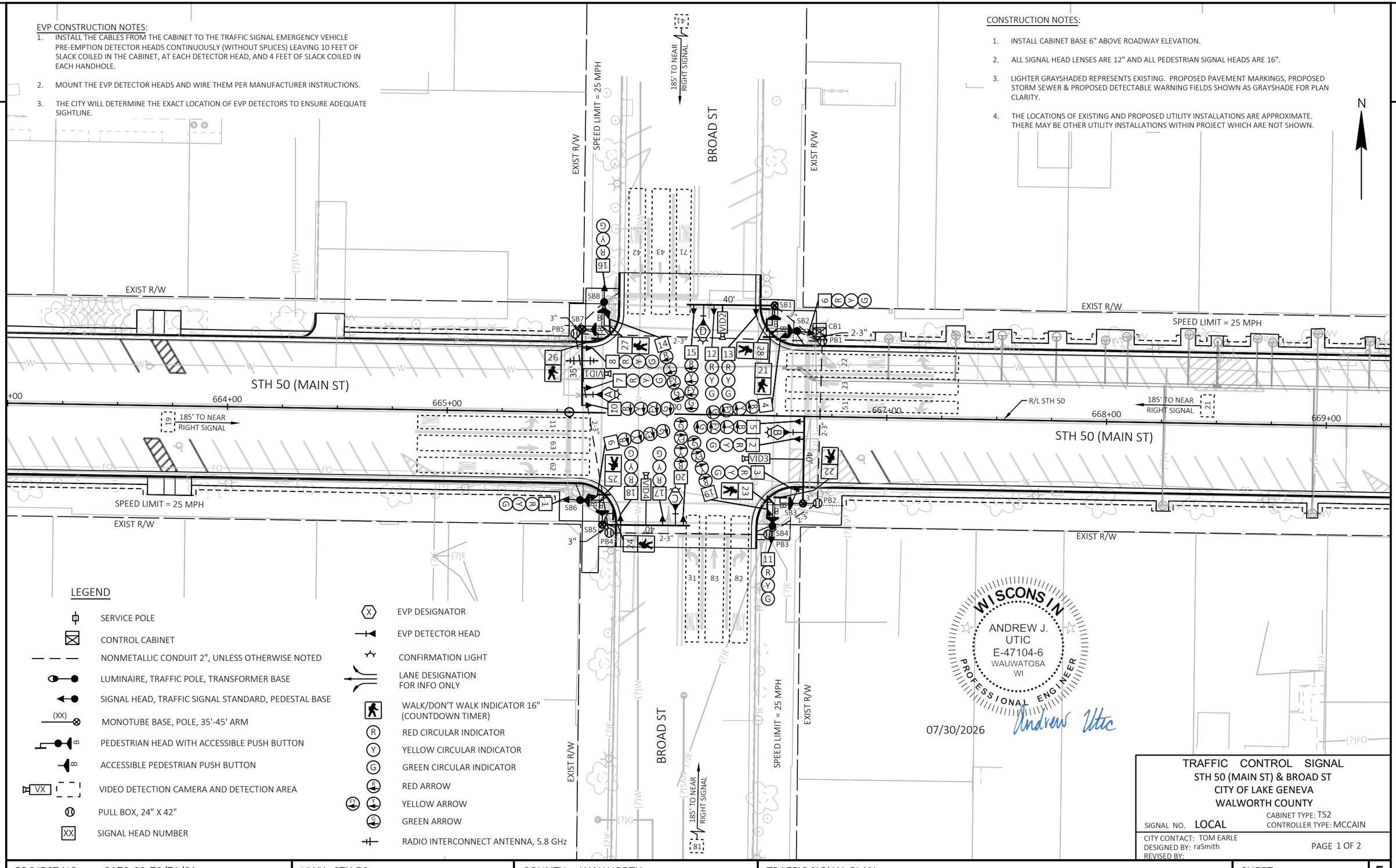
STH 50 (MAIN ST) & COOK ST, WRIGLEY DR.		
City of Lake Geneva		
Walworth County		
Signal No.	LOCAL	CABINET TYPE: TS2
Date: 07/26		CONTROLLER TYPE: MCCAIN FLEX

EVP CONSTRUCTION NOTES:

1. INSTALL THE CABLES FROM THE CABINET TO THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR HEADS CONTINUOUSLY (WITHOUT SPLICES) LEAVING 10 FEET OF SLACK COILED IN THE CABINET, AT EACH DETECTOR HEAD, AND 4 FEET OF SLACK COILED IN EACH HANDHOLE.
2. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
3. THE CITY WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE ADEQUATE SIGHTLINE.

CONSTRUCTION NOTES:

1. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
2. ALL SIGNAL HEAD LENSES ARE 12" AND ALL PEDESTRIAN SIGNAL HEADS ARE 16".
3. LIGHTER GRAYSHADED REPRESENTS EXISTING. PROPOSED PAVEMENT MARKINGS, PROPOSED STORM SEWER & PROPOSED DETECTABLE WARNING FIELDS SHOWN AS GRAYSHADE FOR PLAN CLARITY.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.



LEGEND

- SERVICE POLE
- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD WITH ACCESSIBLE PUSH BUTTON
- ACCESSIBLE PEDESTRIAN PUSH BUTTON
- VX VIDEO DETECTION CAMERA AND DETECTION AREA
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONFIRMATION LIGHT
- LANE DESIGNATION FOR INFO ONLY
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- RADIO INTERCONNECT ANTENNA, 5.8 GHz

WISCONSIN
ANDREW J. UTIC
E-47104-6
WAUWATOSA WI
PROFESSIONAL ENGINEER

07/30/2026

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & BROAD ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 294	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024202-SP.DWG
LAYOUT NAME - Broad-01-sp

PLOT DATE : 7/23/2026 9:15 AM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

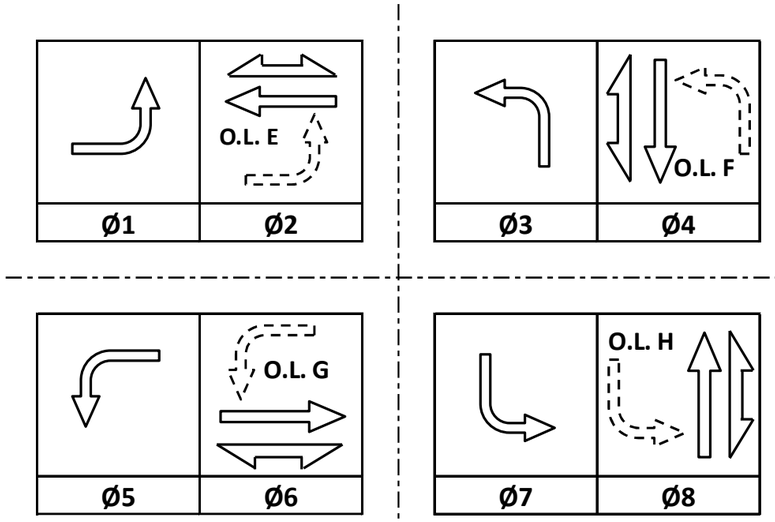
WISDOT/CADDS SHEET 42

2

	HEAD NUMBERS	FLASH
Ø1	4,5	R ←
Ø2	6,7,8	R
Ø3	14,15	R ←
Ø4	16,17,18	R
Ø5	9,10	R ←
Ø6	1,2,3	R
Ø7	19,20	R ←
Ø8	11,12,13	R
Ø2P	27,28	
Ø4P	25,26	
Ø6P	23,24	
Ø8P	21,22	
OLE	4,5	-
OLF	14,15	-
OLG	9,10	-
OLH	19,20	-

RING 1

RING 2



N

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	X
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR(S)	11	22	31	42	51	62	71	82
PHASE CALLED	1	2	3	4	5	6	7	8
PHASE EXTENDED	X	X	X	X	X	X	X	X
CALLING DELAY		X		X		X		X
EXTENSION STRETCH								
ADDED INITIAL								

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR(S)	21	23	41	43	61	63	81	83
PHASE CALLED	2	2		4	6	6		8
PHASE EXTENDED	X	X	X	X	X	X	X	X
CALLING DELAY								
EXTENSION STRETCH			X				X	
ADDED INITIAL	X				X			

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

STH 50 (MAIN ST) & BROAD ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO: CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN
DATE: 08/2026 PAGE NUMBER: 2 OF 2

FILE NAME: \\rasmith.com\Brookfield\Transportation\1242700\Traffic\Signal Design\Sequence of Operations\Permanent\2_Broad\TS2-S_E_FYA_EFGH_Econolite_SEQ_Broad.xlsx PLOT DATE: 7/29/2026 PLOT NAME: TS2-S_E_FYA_EFGH_Ecor PLOT BY: _____ PLOT SCALE: 1:1

PROJECT NO:	3170-09-70/71
INTERSECTION:	STH 50 (MAIN ST) & BROAD STREET

SIGNAL WIRE COLOR CODING	BLK-Black	RED-Red	GRN-Green
	WHT-White	BLU-Blue	ORG-Orange
MULTI-COLOR WIRES FORMAT: Base Color/Tracer Line			

CB1 TO	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	D/WALK	WALK		
SB1	12	12	Ø8	RED	ORG	GRN								
		13	Ø8	RED	ORG	GRN								
		15	Ø3				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		28	Ø2P								BLK	BLU		
		BUTTON	Ø2P										BLU/BLK	WHT/BLK
SB2	12	4	Ø1				RED	ORG	BLK/WHT	GRN				
		6	Ø2	RED/BLK	ORG/BLK	GRN/BLK								
		21	Ø8P								BLK	BLU		
		BUTTON	Ø8P										BLU/BLK	WHT/BLK
SB3	12	2	Ø6	RED	ORG	GRN								
		3	Ø6	RED	ORG	GRN								
		5	Ø1				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		22	Ø8P								BLK	BLU		
		BUTTON	Ø8P										BLU/BLK	WHT/BLK
SB4	12	11	Ø8	RED	ORG	GRN								
		19	Ø7				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		23	Ø6P								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK
SB5	12	17	Ø4	RED	ORG	GRN								
		18	Ø4	RED	ORG	GRN								
		20	Ø7				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		24	Ø6P								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK
SB6	12	1	Ø6	RED	ORG	GRN								
		9	Ø5				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		25	Ø4P								BLK	BLU		
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB7	12	7	Ø2	RED	ORG	GRN								
		8	Ø2	RED	ORG	GRN								
		10	Ø5				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		26	Ø4P								BLK	BLU		
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB8	12	14	Ø3	RED/BLK	ORG/BLK	GRN/BLK								
		16	Ø4				RED	ORG	BLK/WHT	GRN				
		27	Ø2P								BLK	BLU		
		BUTTON	Ø2P										BLU/BLK	WHT/BLK

NOTES:

1. USE WHITE CONDUCTOR IN SIGNAL CABLE AS GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.

2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE THREE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.

3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN	
FROM	TO
CB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB1
SB1	CB1

VIDEO DETECTION CABLE	
FROM	TO
CB1	SB7 (VID 1)
CB1	SB1 (VID 2)
CB1	SB3 (VID 3)
CB1	SB5 (VID 4)

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	SB3
PB3	SB4
PB4	SB5
PB5	SB7

EMERGENCY VEHICLE CABLE	
FROM	TO
CB1	SB7 (A)
CB1	SB3 (B)
CB1	SB5 (C)
CB1	SB1 (D)

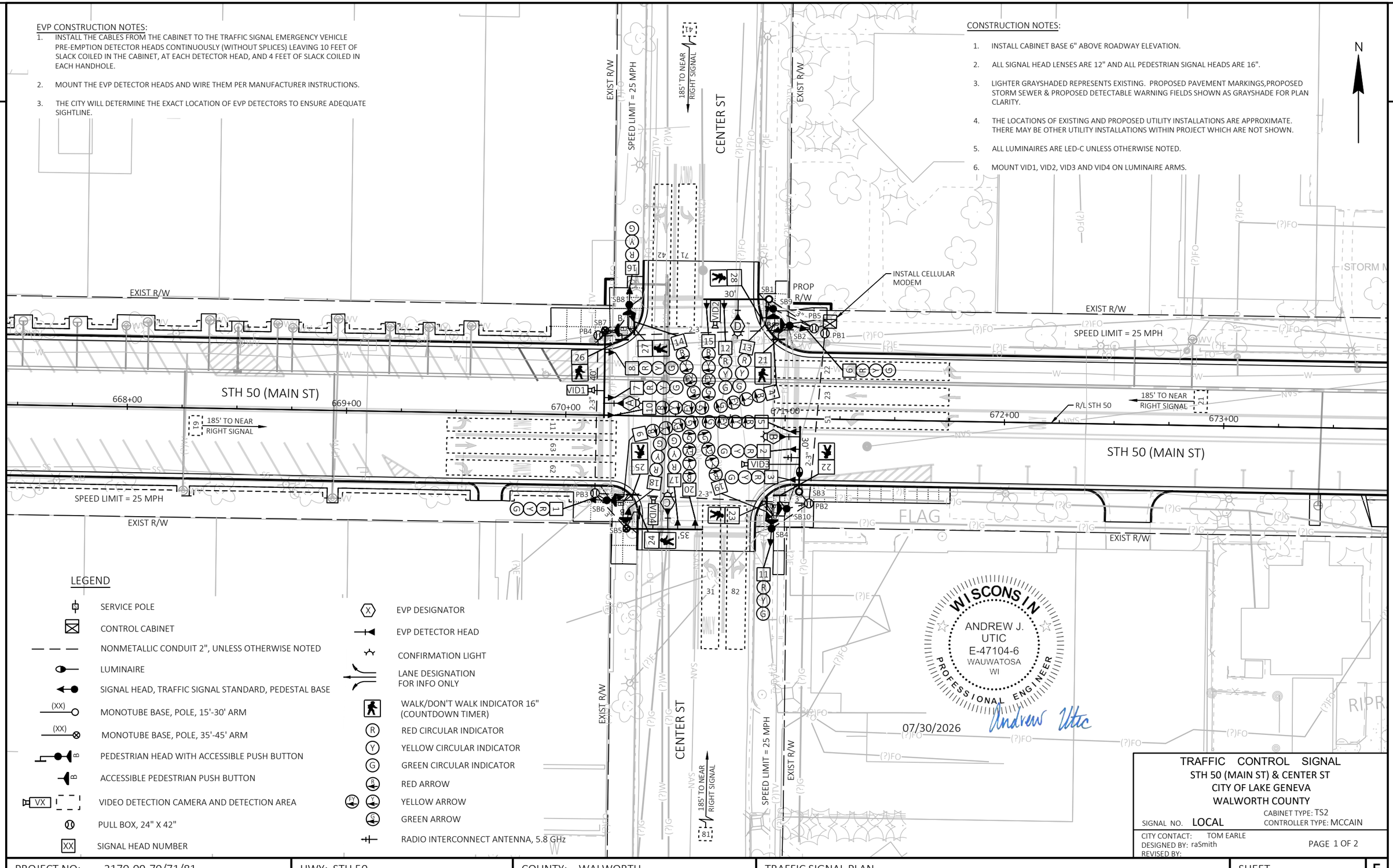
STH 50 (MAIN ST) & BROAD STREET		
City of Lake Geneva		
Walworth County		
Signal No.	LOCAL	CABINET TYPE: TS2
Date: 07/26		CONTROLLER TYPE: MCCAIN FLEX

EVP CONSTRUCTION NOTES:

1. INSTALL THE CABLES FROM THE CABINET TO THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR HEADS CONTINUOUSLY (WITHOUT SPLICES) LEAVING 10 FEET OF SLACK COILED IN THE CABINET, AT EACH DETECTOR HEAD, AND 4 FEET OF SLACK COILED IN EACH HANDHOLE.
2. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
3. THE CITY WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE ADEQUATE SIGHTLINE.

CONSTRUCTION NOTES:

1. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
2. ALL SIGNAL HEAD LENSES ARE 12" AND ALL PEDESTRIAN SIGNAL HEADS ARE 16".
3. LIGHTER GRAYSHADED REPRESENTS EXISTING. PROPOSED PAVEMENT MARKINGS,PROPOSED STORM SEWER & PROPOSED DETECTABLE WARNING FIELDS SHOWN AS GRAYSHADE FOR PLAN CLARITY.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.
6. MOUNT VID1, VID2, VID3 AND VID4 ON LUMINAIRE ARMS.



LEGEND

- SERVICE POLE
- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LUMINAIRE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD WITH ACCESSIBLE PUSH BUTTON
- ACCESSIBLE PEDESTRIAN PUSH BUTTON
- VX VIDEO DETECTION CAMERA AND DETECTION AREA
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONFIRMATION LIGHT
- LANE DESIGNATION FOR INFO ONLY
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- FY YELLOW ARROW
- GREEN ARROW
- RADIO INTERCONNECT ANTENNA, 5.8 GHz

WISCONSIN
ANDREW J. UTIC
E-47104-6
WAUWATOSA WI
PROFESSIONAL ENGINEER

07/30/2026

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

CABINET TYPE: TS2
SIGNAL NO. LOCAL
CONTROLLER TYPE: MCCAIN

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 2

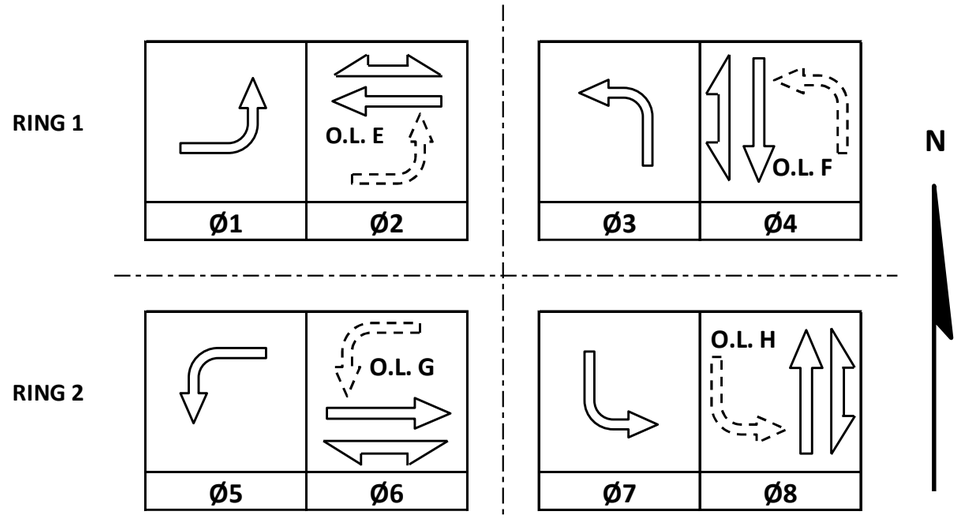
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 297	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024203-SP.DWG
LAYOUT NAME - Center-01-sp

PLOT DATE : 7/29/2026 10:35 AM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	4,5	R
Ø2	6,7,8	R
Ø3	14,15	R
Ø4	16,17,18	R
Ø5	9,10	R
Ø6	1,2,3	R
Ø7	19,20	R
Ø8	11,12,13	R
Ø2P	27,28	
Ø4P	25,26	
Ø6P	23,24	
Ø8P	21,22	
OLE	4,5	-
OLF	14,15	-
OLG	9,10	-
OLH	19,20	-



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	X
CELL MODEM	X

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR(S)	11	22	31	42	61	63	81	
PHASE CALLED	1	2	3	4	6	6		
PHASE EXTENDED	X	X	X	X	X	X	X	
CALLING DELAY		X						
EXTENSION STRETCH							X	
ADDED INITIAL					X			

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR(S)	21	23	41	51	62	71	82	
PHASE CALLED	2	2		5	6	7	8	
PHASE EXTENDED	X	X	X	X	X	X	X	
CALLING DELAY					X			
EXTENSION STRETCH			X					
ADDED INITIAL	X							

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

STH 50 (MAIN ST) & CENTER ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO: CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN
DATE: 08/2026 PAGE NUMBER: 2 OF 2

FILE NAME: \\rasmith.com\Brookfield\Transportation\1242700\Traffic\Signal Design\Sequence of Operations\Permanent\3_Center\TS2-S_E_FYA_EFGH_Econolite_SEQ_Center.xlsx PLOT DATE: 7/29/2026 PLOT NAME: TS2-S_E_FYA_EFGH_Ecor PLOT BY: _____ PLOT SCALE: 1:1

PROJECT NO:	3170-09-70/71
INTERSECTION:	STH 50 (MAIN ST) & CENTER STREET

SIGNAL WIRE COLOR CODING	BLK-Black	RED-Red	GRN-Green
	WHT-White	BLU-Blue	ORG-Orange
MULTI-COLOR WIRES FORMAT: Base Color/Tracer Line			

CB1 TO	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	D/WALK	WALK		
SB1	12	12	Ø8	RED	ORG	GRN								
		13	Ø8	RED	ORG	GRN								
		15	Ø3				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		28	Ø2P								BLK	BLU		
SB2	12	4	Ø1				RED	ORG	BLK/WHT	GRN				
		6	Ø2	RED/BLK	ORG/BLK	GRN/BLK								
		21	Ø8P								BLK	BLU		
		BUTTON	Ø8P										BLU/BLK	WHT/BLK
SB3	12	2	Ø6	RED	ORG	GRN								
		3	Ø6	RED	ORG	GRN								
		5	Ø1				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		22	Ø8P								BLK	BLU		
SB4	12	11	Ø8	RED	ORG	GRN								
		19	Ø7				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		23	Ø6P								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK
SB5	12	17	Ø4	RED	ORG	GRN								
		18	Ø4	RED	ORG	GRN								
		20	Ø7				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		24	Ø6P								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK
SB6	12	1	Ø6	RED	ORG	GRN								
		9	Ø5				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		25	Ø4P								BLK	BLU		
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB7	12	7	Ø2	RED	ORG	GRN								
		8	Ø2	RED	ORG	GRN								
		10	Ø5				RED/BLK	ORG/BLK	BLK/WHT	GRN/BLK				
		26	Ø4P								BLK	BLU		
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB8	12	14	Ø3				RED	ORG	BLK/WHT	GRN/BLK				
		16	Ø4	RED/BLK	ORG/BLK	GRN/BLK								
		27	Ø2P								BLK	BLU		
		BUTTON	Ø2P										BLU/BLK	WHT/BLK
SB9	12	BUTTON	Ø2P										BLU/BLK	WHT/BLK
SB10	12	BUTTON	Ø8P										BLU/BLK	WHT/BLK

NOTES:

1. USE WHITE CONDUCTOR IN SIGNAL CABLE AS GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.

2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE THREE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.

3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GRN	
FROM	TO
CB1	SB3
SB3	SB10
SB10	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB2
SB2	SB9
SB9	SB1
SB1	CB1

LIGHTING UF 2-10 AWG GROUNDED	
FROM	TO
CB1	SB3

VIDEO DETECTION CABLE	
FROM	TO
CB1	SB7 (VID 1)
CB1	SB1 (VID 2)
CB1	SB3 (VID 3)
CB1	SB5 (VID 4)

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	SB3
PB3	SB6
PB4	SB7
PB5	CB1

EMERGENCY VEHICLE CABLE	
FROM	TO
CB1	SB7 (A)
CB1	SB3 (B)
CB1	SB5 (C)
CB1	SB1 (D)

STH 50 (MAIN ST) & CENTER STREET		
City of Lake Geneva		
Walworth County		
Signal No.	LOCAL	CABINET TYPE: TS2
Date: 07/26		CONTROLLER TYPE: MCCAIN FLEX

EVP CONSTRUCTION NOTES:

1. INSTALL THE CABLES FROM THE CABINET TO THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR HEADS CONTINUOUSLY (WITHOUT SPLICES) LEAVING 10 FEET OF SLACK COILED IN THE CABINET, AT EACH DETECTOR HEAD, AND 4 FEET OF SLACK COILED IN EACH HANDHOLE.
2. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
3. THE CITY WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE ADEQUATE SIGHTLINE.

CONSTRUCTION NOTES:

1. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
2. ALL SIGNAL HEAD LENSES ARE 12" AND ALL PEDESTRIAN SIGNAL HEADS ARE 16".
3. LIGHTER GRAYSHADED REPRESENTS EXISTING. PROPOSED PAVEMENT MARKINGS, PROPOSED STORM SEWER & PROPOSED DETECTABLE WARNING FIELDS SHOWN AS GRAYSHADE FOR PLAN CLARITY.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

N

12" RCP
IE = 852.14

12" CMP
IE = 851.90

24" CMP
IE = 849.62

8" CMP
IE = 853.13

RIPRAP

FLAG

EXIST R/W

SPEED LIMIT = 25 MPH

STH 50 (MAIN ST)

677+00 678+00 679+00 680+00 681+00 682+00

185' TO NEAR RIGHT SIGNAL

R/L STH 50

SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8 SB9 SB10

PB1 PB2 PB3 PB4 PB5

CB1

VID1 VID2 VID3

2-3"

45'

TLE

WELLS ST

EXIST R/W

SPEED LIMIT = 25 MPH

185' TO NEAR RIGHT SIGNAL

LEGEND

SERVICE POLE	EVP DESIGNATOR
CONTROL CABINET	EVP DETECTOR HEAD
NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED	CONFIRMATION LIGHT
LUMINAIRE	LANE DESIGNATION FOR INFO ONLY
SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE	WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
(XX) MONOTUBE BASE, POLE, 15'-30' ARM	RED CIRCULAR INDICATOR
(XX) MONOTUBE BASE, POLE, 35'-45' ARM	YELLOW CIRCULAR INDICATOR
PEDESTRIAN HEAD WITH ACCESSIBLE PUSH BUTTON	GREEN CIRCULAR INDICATOR
ACCESSIBLE PEDESTRIAN PUSH BUTTON	RED ARROW
VX VIDEO DETECTION CAMERA AND DETECTION AREA	YELLOW ARROW
PULL BOX, 24" X 42"	GREEN ARROW
XX SIGNAL HEAD NUMBER	RADIO INTERCONNECT ANTENNA, 5.8 GHz

WISCONSIN
ANDREW J. UTIC
E-47104-6
WAUWATOSA
WI
PROFESSIONAL ENGINEER

07/30/2026

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. LOCAL
CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN

CITY CONTACT: TOM EARLE
DESIGNED BY: raSmith
REVISED BY:

PAGE 1 OF 2

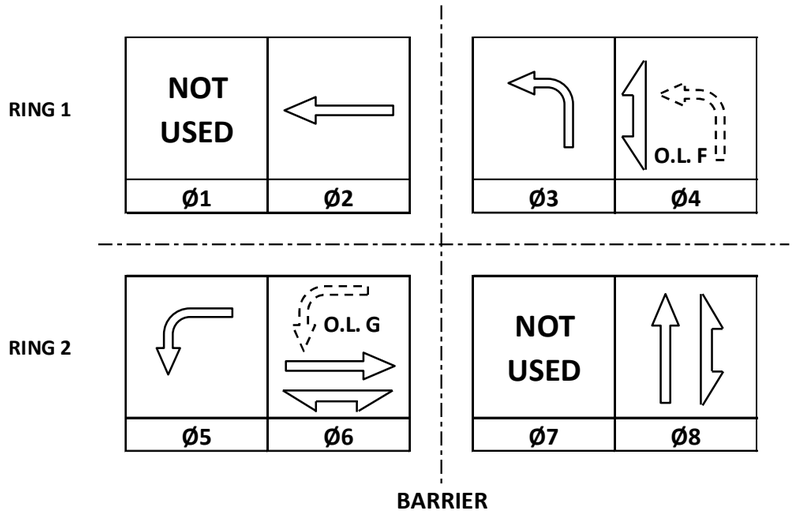
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 300	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024204-SP.DWG
LAYOUT NAME - Wells-01-sp

PLOT DATE : 7/23/2026 9:19 AM PLOT BY : VANDE LEEST, CINDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1		
Ø2	4,5,6	R
Ø3	12,13	R
Ø4		
Ø5	7,8	R
Ø6	1,2,3	R
Ø7		
Ø8	9,10,11	R
Ø2P		
Ø4P	18,19	
Ø6P	16,17	
Ø8P	14,15	
OLE		
OLF	12,13	-
OLG	7,8	-
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MIN	X
3		8		X
4				X
5		2		X
6	X	2	MIN	X
7				
8		3		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	D
MOVEMENT			
PHASE	2+5	6+2	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+2, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 8+3, CONTROLLER SHALL RETURN TO PHASE 8+3.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	X
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR(S)	21	31	61	63	82			
PHASE CALLED	2	3	6	6	8			
PHASE EXTENDED	2	3	6	6	8			
CALLING DELAY					X			
EXTENSION STRETCH								
ADDED INITIAL	X		X					

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR(S)	22	51	62	81				
PHASE CALLED	2	5	6					
PHASE EXTENDED	2	5	6	8				
CALLING DELAY			X					
EXTENSION STRETCH				X				
ADDED INITIAL								

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

STH 50 (MAIN ST) & W WELLS ST
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO:	CABINET TYPE: TS2
	CONTROLLER TYPE: MCCAIN
DATE: 08/2026	PAGE NUMBER: 2 OF 2

PROJECT NO:	3170-09-70/71
INTERSECTION:	STH 50 (MAIN ST) & WELLS STREET

SIGNAL WIRE COLOR CODING	BLK-Black	RED-Red	GRN-Green
	WHT-White	BLU-Blue	ORG-Orange
MULTI-COLOR WIRES FORMAT: Base Color/Tracer Line			

CB1 TO	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	D/WALK	WALK		
SB1	12	6	Ø2	RED/BLK	ORG/BLK	GRN/BLK								
		12	Ø3				RED	ORG	BLK/WHT	GRN/BLK				
		19	Ø4P								BLK	BLU		
SB2	12	13	Ø3				RED	ORG	BLK/WHT	GRN				
SB3	7	10	Ø8	RED	ORG	GRN								
SB4	12	4	Ø2	RED/BLK	ORG/BLK	GRN/BLK								
		11	Ø8	RED	ORG	GRN								
		14	Ø8P								BLK	BLU		
		BUTTON	Ø8P										BLU/BLK	WHT/BLK
SB5	7	2	Ø6	RED	ORG	GRN								
		3	Ø6	RED	ORG	GRN								
SB6	12	9	Ø8	RED	ORG	GRN								
		16	Ø6P								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK
SB7	12	17	Ø6								BLK	BLU		
		BUTTON	Ø6P										BLU/BLK	WHT/BLK
SB8	15	1	Ø6	RED	ORG	GRN								
		5	Ø2	RED/BLK	ORG/BLK	GRN/BLK								
		7	Ø5				RED/WHT	BLU/WHT	BLK/WHT	GRN/WHT				
		8	Ø5											
		18	Ø4P								BLK	BLU		
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB9	12	BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB10	12	15	Ø8P								BLK	BLU		
		BUTTON	Ø8P										BLU/BLK	WHT/BLK

NOTES:

1. USE WHITE CONDUCTOR IN SIGNAL CABLE AS GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.

2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE THREE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.

3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

EQUIPMENT GROUNDING CONDUCTOR 10 AWG	
FROM	TO
CB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB10
SB10	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB1
SB1	CB1

LIGHTING UF AWG W/GROUND	
FROM	TO
CB1	SB5
CB1	SB8

VIDEO DETECTION CABLE	
FROM	TO
CB1	SB8 (VID 1)
CB1	SB5 (VID 2)
CB1	SB8 (VID 3)

PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	SB2
PB3	SB4
PB4	SB6
PB5	SB7

EMERGENCY VEHICLE CABLE	
FROM	TO
CB1	SB8 (A)
CB1	SB5 (B)
CB1	SB8 (D)

STH 50 (MAIN ST) & WELLS STREET		
City of Lake Geneva		
Walworth County		
Signal No.	LOCAL	CABINET TYPE: TS2
Date: 07/26		CONTROLLER TYPE: MCCAIN FLEX

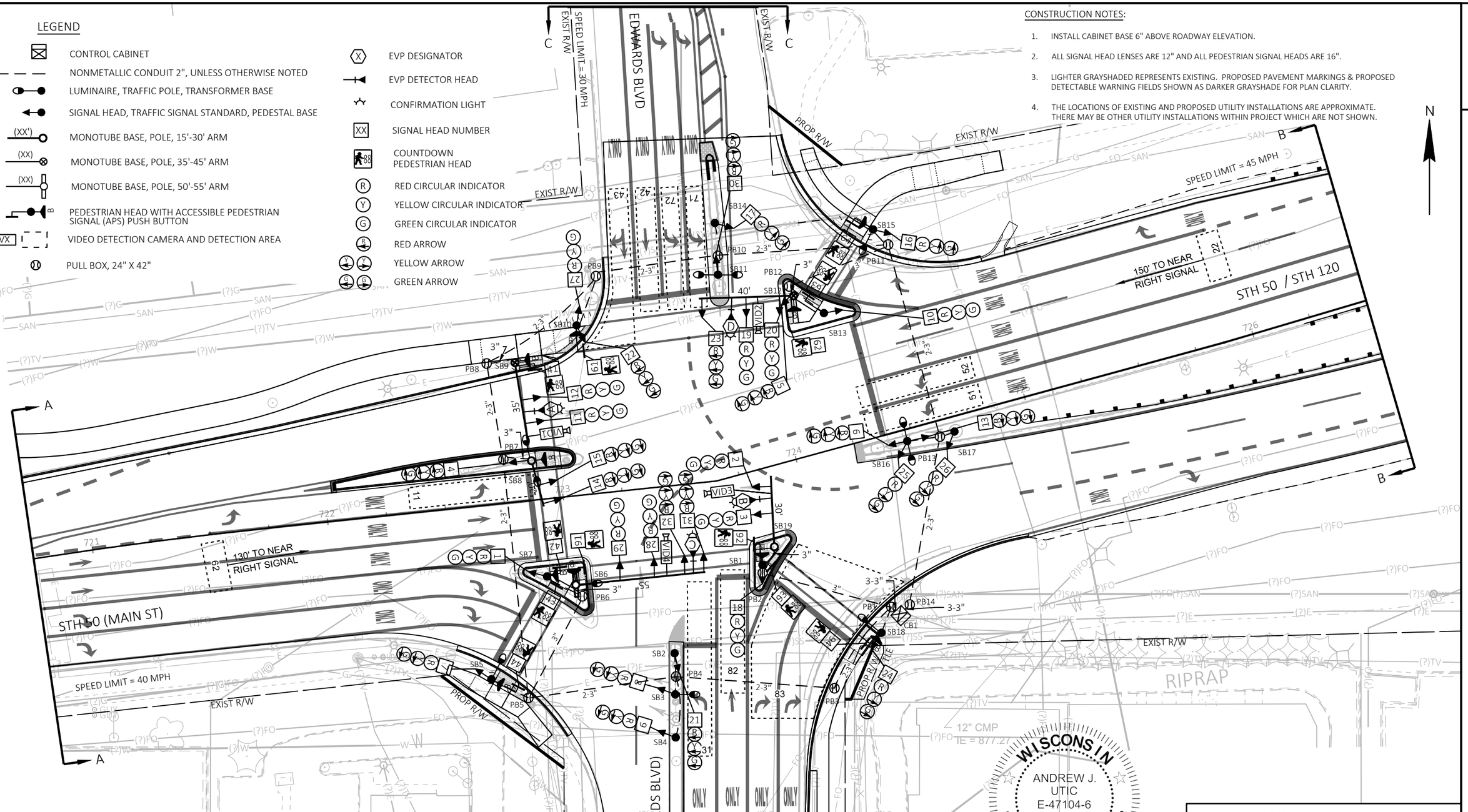
2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX') MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- (XX) MONOTUBE BASE, POLE, 50'-55' ARM
- PEDESTRIAN HEAD WITH ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSH BUTTON
- VX VIDEO DETECTION CAMERA AND DETECTION AREA
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONFIRMATION LIGHT
- XX SIGNAL HEAD NUMBER
- COUNTDOWN PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW

CONSTRUCTION NOTES:

1. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
2. ALL SIGNAL HEAD LENSES ARE 12" AND ALL PEDESTRIAN SIGNAL HEADS ARE 16".
3. LIGHTER GRAYSHADED REPRESENTS EXISTING. PROPOSED PAVEMENT MARKINGS & PROPOSED DETECTABLE WARNING FIELDS SHOWN AS DARKER GRAYSHADE FOR PLAN CLARITY.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.



EVP CONSTRUCTION NOTES:

1. INSTALL THE CABLES FROM THE CABINET TO THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR HEADS CONTINUOUSLY (WITHOUT SPLICES) LEAVING 10 FEET OF SLACK COILED IN THE CABINET, AT EACH DETECTOR HEAD, AND 4 FEET OF SLACK COILED IN EACH HANDHOLE.
2. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
3. THE CITY WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE ADEQUATE SIGHTLINE.

WISCONSIN
ANDREW J. UTIC
E-47104-6
WAUWATOSA WI
PROFESSIONAL ENGINEER

07/30/2026

TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. 432
CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN

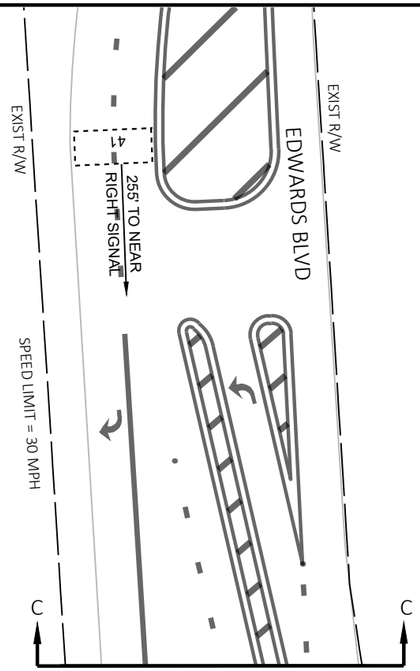
CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

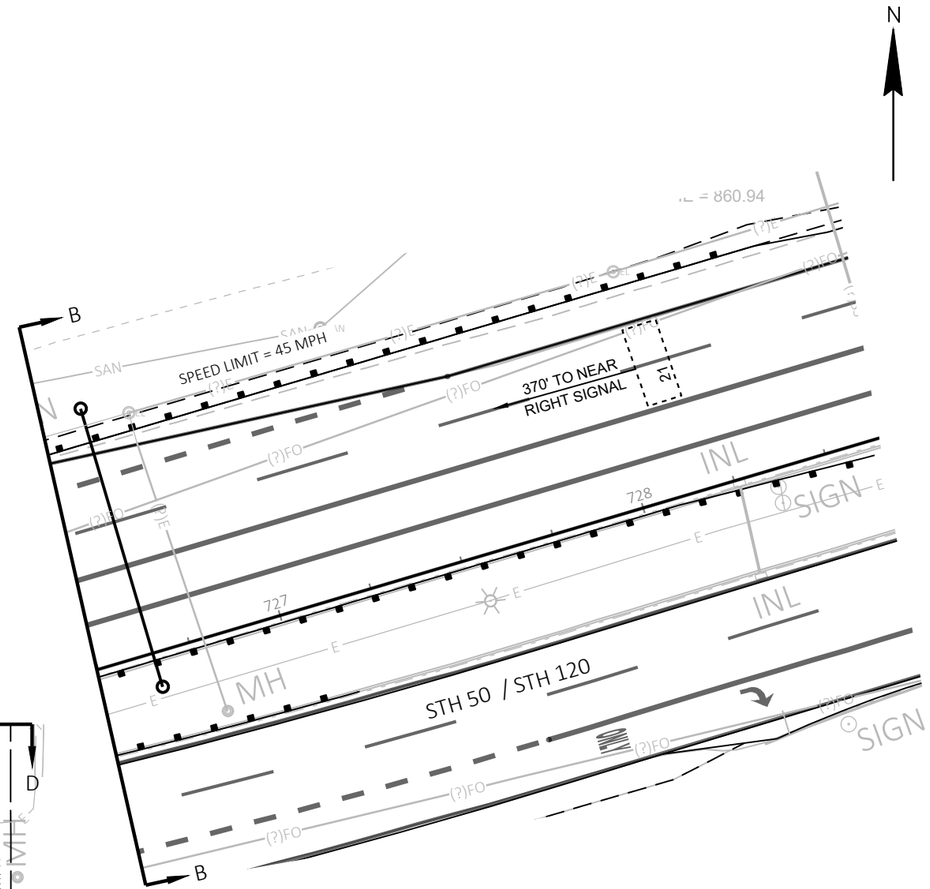
PAGE 1 OF 3

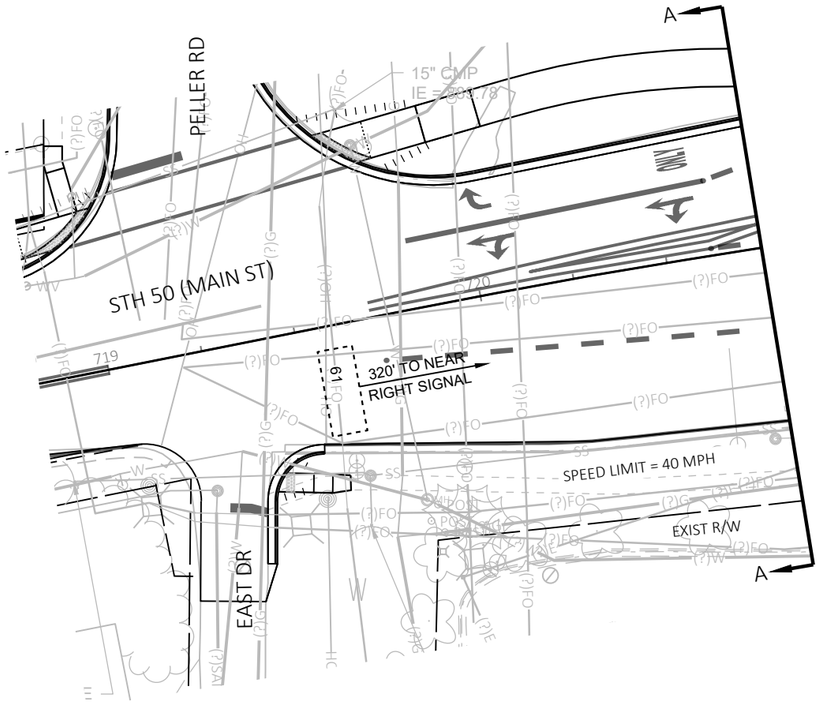
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 303	E

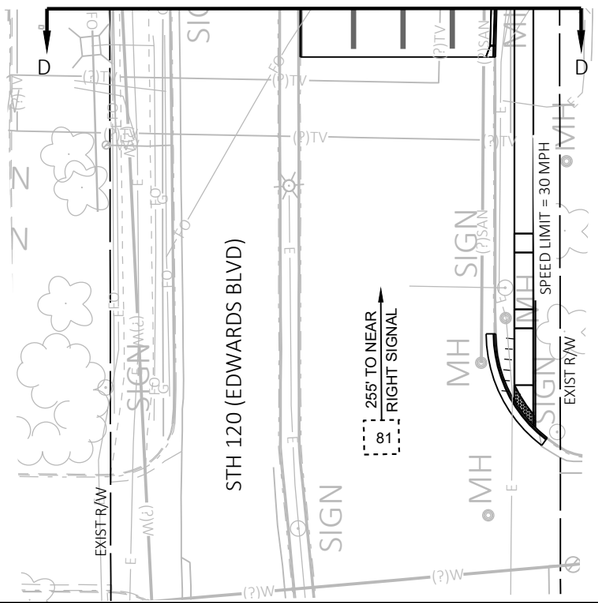
FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024205-SP.DWG
LAYOUT NAME - STH120-01-sp
PLOT DATE : 7/30/2026 8:45 AM
PLOT BY : UTIC, ANDY
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2









TRAFFIC CONTROL SIGNAL
STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO. 432

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

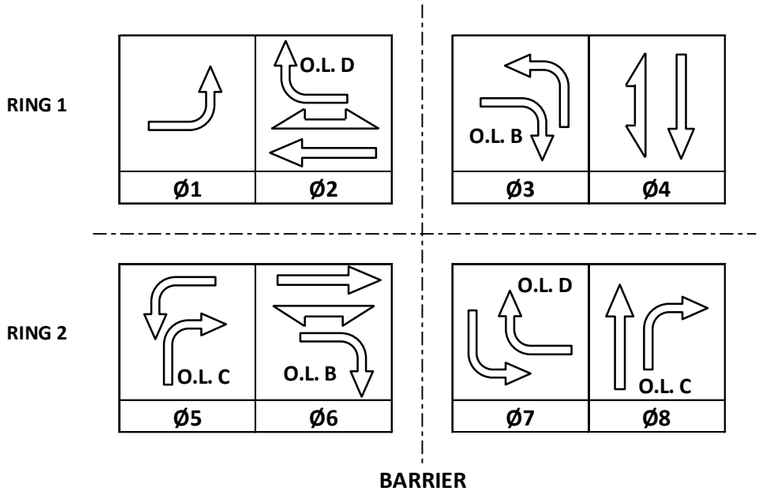
PAGE 2 OF 3

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 304	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024205-SP.DWG
LAYOUT NAME - STH120-02-sp

PLOT DATE : 7/29/2026 11:17 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	4,5,6	R ←
Ø2	10,11,12	R
Ø3	21,22,23	R ←
Ø4	27,28,29	R
Ø5	13,14,15	R ←
Ø6	1,2,3	R
Ø7	30,31,32	R ←
Ø8	18,19,20	R
Ø2P	91,92,93,94	
Ø4P	41,42,43,44	
Ø6P	61,62,63,64	
Ø8P		
OLB	7,8,9	R →
OLC	24,25,26	R →
OLD	16,17	R →



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1		6		X
2	X	6	MIN	X
3		8		X
4		8		X
5		2		X
6	X	2	MIN	X
7		4		X
8		4		X

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT	←	→	↓	↑
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR(S)	11	22	41	43	52	62	72	82
PHASE CALLED	1	2		4	5	6	7	8
PHASE EXTENDED	1	2	4	4	5	6	7	8
CALLING DELAY				X				
EXTENSION STRETCH			X					
ADDED INITIAL		X				X		

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR(S)	21	31	42	51	61	71	81	83
PHASE CALLED	2	3	4	5	6	7		8, 5
PHASE EXTENDED	2	3	4	5	6	7	8	8, 5
CALLING DELAY								X
EXTENSION STRETCH							X	
ADDED INITIAL	X				X			

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO: 432 CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN
DATE: 08/2026 PAGE NUMBER: 3 OF 3

FILE NAME: \\rasmith.com\Brookfield\Transportation\1242700\Traffic\Signal Design\Sequence of Operations\Permanent\5_Edwards\TS2-S_E_FYA_EFGH_Econolite_SEQ.xlsx PLOT DATE: 7/29/2026 PLOT NAME: TS2-S_E_FYA_EFGH_Ecor PLOT BY: _____ PLOT SCALE: 1:1

2

PROJECT NO:	3170-09-70/71/81
INTERSECTION:	STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)

SIGNAL WIRE COLOR CODING	BLK-Black	RED-Red	GRN-Green
	WHT-White	BLU-Blue	ORG-Orange
MULTI-COLOR WIRES FORMAT: Base Color/Tracer Line			

CABLE SHEET 1 OF 2

CB1 TO	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	D/WALK	WALK		
SB1	12	18	Ø8	RED	ORG	GRN								
		92	Ø6P								BLK	BLU		
		BUTTON92	Ø6P										BLU/BLK	WHT/BLK
SB2	7	21	Ø3				RED	ORG		GRN				
SB3	7	8	ØOL B	RED				ORG		GRN				
SB4	7	9	ØOL B	RED				ORG		GRN				
SB5	12	7	ØOL B	RED				ORG		GRN				
		44	Ø4P								BLK	BLU		
		BUTTON44	Ø4P										BLU/BLK	WHT/BLK
SB6	15	28	Ø4	RED	ORG	GRN								
		29	Ø4	RED	ORG	GRN								
		31	Ø7				RED/BLK	ORG/BLK		GRN/BLK				
		32	Ø7				RED/BLK	ORG/BLK		GRN/BLK				
		43	Ø4P								RED/WHT	GRN/WHT		
		BUTTON43	Ø4P										BLU/WHT	BLK/WHT
		91	Ø6P								BLK	BLU		
		BUTTON91	Ø6P										BLU/BLK	WHT/BLK
SB7	12	1	Ø6	RED	ORG	GRN								
		42	Ø4P								BLK	BLU		
		BUTTON42	Ø4P										BLU/BLK	WHT/BLK
SB8	12	4	Ø1				RED	ORG		GRN				
		14	Ø5				RED/BLK	ORG/BLK		GRN/BLK				
		15	Ø5				RED/BLK	ORG/BLK		GRN/BLK				
		BUTTON	Ø4P										BLU/BLK	WHT/BLK
SB9	12	11	Ø2	RED	ORG	GRN								
		12	Ø2	RED	ORG	GRN								
		41	Ø4P								BLK	BLU		
		BUTTON41	Ø4P										BLU/BLK	WHT/BLK
SB10	12	22	Ø3				RED/BLK	ORG/BLK		GRN/BLK				
		27	Ø4	RED	ORG	GRN								
		61	Ø2P								BLK	BLU		
		BUTTON61	Ø2P										BLU/BLK	WHT/BLK
SB11	7	30	Ø7	RED	ORG	GRN								

NOTES:

1. USE WHITE CONDUCTOR IN SIGNAL CABLE AS GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.

2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE THREE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.

3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

EQUIPMENT GROUNDING CONDUCTOR 10 AWG	
FROM	TO
CB1	SB18
SB18	SB19
SB19	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB14
SB14	SB15
SB15	SB12
SB12	SB13
SB13	SB16
SB16	SB17
SB17	CB1

LIGHTING UF 2-12 AWG W/GROUND	
FROM	TO
CB1	SB18
S18	SB3
SB3	SB5
SB5	SB6
SB6	SB8
CB1	SB16
SB16	SB15
SB15	SB11

STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)		
CITY OF LAKE GENEVA		
WALWORTH COUNTY		
SIGNAL NO.	LOCAL	CABINET TYPE: TS2
Date: 08/26		CONTROLLER TYPE: MCCAIN FLEX

PROJECT NO:	3170-09-70/71/81
INTERSECTION:	STH 50 (MAIN ST) & STH 120 (N EDWARDS BLDV)

SIGNAL WIRE COLOR CODING	BLK-Black	RED-Red	GRN-Green
	WHT-White	BLU-Blue	ORG-Orange
MULTI-COLOR WIRES FORMAT: Base Color/Tracer Line			

CABLE SHEET 2 OF 2

CB1 TO	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	D/WALK	WALK		
SB12	15	19	Ø8	RED	ORG	GRN								
		20	Ø8	RED	ORG	GRN								
		23	Ø3				RED/BLK	ORG/BLK		GREEN/BLK				
		5	Ø1				RED/WHT	BLU/WHT		GRN/WHT				
		62	Ø2P								BLK	BLU		
		BUTTON62	Ø2P										BLU/BLK	WHT/BLK
SB13	12	10	Ø2	RED	ORG	GRN								
		63	Ø8P								BLK	BLU		
		BUTTON63	Ø8P										BLU/BLK	WHT/BLK
SB14	7	17	ØOL D	RED				ORG		GRN				
SB15	12	16	ØOL D	RED				ORG		GRN				
		64	Ø8P								BLK	BLU		
		BUTTON64	Ø8P										BLU/BLK	WHT/BLK
SB16	12	6	Ø1				RED	ORG		GRN				
		13	Ø5				RED/BLK	ORG/BLK		GREEN/BLK				
		25	ØOL C				BLK	BLU		BLU/BLK				
SB17	7	26	ØOL C	RED				ORG		GRN				
SB18	12	24	ØOL C	RED				ORG		GRN				
		94	Ø6P								BLK	BLU		
		BUTTON94	Ø6P										BLU/BLK	WHT/BLK
SB19	12	2	Ø6	RED	ORG	GRN								
		3	Ø6	RED	ORG	GRN								
		93	Ø6P								BLK	BLU		
		BUTTON93	Ø6P										BLU/BLK	WHT/BLK

NOTES:

1. USE WHITE CONDUCTOR IN SIGNAL CABLE AS GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.

2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE THREE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.

3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

PULL BOX BONDING JUMPER 10 AWG GRN XLP

FROM	TO
PB1	CB1
PB2	SB19
PB3	SB18
PB4	SB3
PB5	SB5
PB6	SB6
PB7	SB8
PB8	SB9
PB9	SB10
PB10	SB11
PB11	SB15
PB12	SB12
PB13	SB16
PB14	CB1

EMERGENCY VEHICLE CABLE

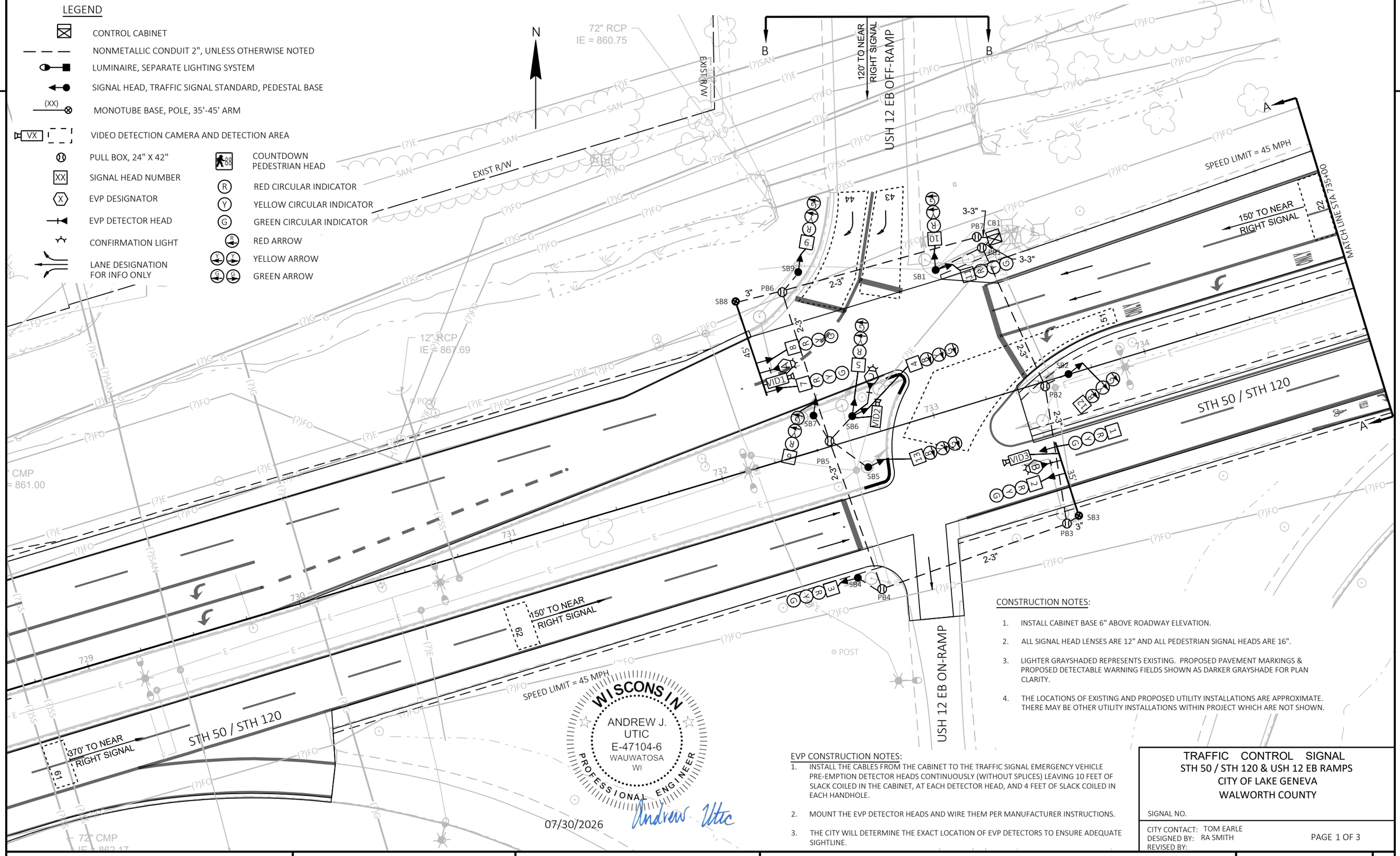
FROM	TO
CB1	HEAD A (SB9)
CB1	HEAD B (SB19)
CB1	HEAD C (SB6)
CB1	HEAD D (SB12)

STH 50 (MAIN ST) & STH 120 (N EDWARDS BLVD)		
CITY OF LAKE GENEVA		
WALWORTH COUNTY		
SIGNAL NO.	LOCAL	CABINET TYPE: TS2
Date: 08/26		CONTROLLER TYPE: MCCAIN FLEX

2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LUMINAIRE, SEPARATE LIGHTING SYSTEM
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- VX VIDEO DETECTION CAMERA AND DETECTION AREA
- PULL BOX, 24" X 42"
- XX SIGNAL HEAD NUMBER
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- CONFIRMATION LIGHT
- LANE DESIGNATION FOR INFO ONLY
- COUNTDOWN PEDESTRIAN HEAD
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW



WISCONSIN
ANDREW J. UTIC
E-47104-6
WAUWATOSA
WI
PROFESSIONAL ENGINEER

07/30/2026

CONSTRUCTION NOTES:

1. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
2. ALL SIGNAL HEAD LENSES ARE 12" AND ALL PEDESTRIAN SIGNAL HEADS ARE 16".
3. LIGHTER GRAYSHADED REPRESENTS EXISTING. PROPOSED PAVEMENT MARKINGS & PROPOSED DETECTABLE WARNING FIELDS SHOWN AS DARKER GRAYSHADE FOR PLAN CLARITY.
4. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.

EVP CONSTRUCTION NOTES:

1. INSTALL THE CABLES FROM THE CABINET TO THE TRAFFIC SIGNAL EMERGENCY VEHICLE PRE-EMPTION DETECTOR HEADS CONTINUOUSLY (WITHOUT SPLICES) LEAVING 10 FEET OF SLACK COILED IN THE CABINET, AT EACH DETECTOR HEAD, AND 4 FEET OF SLACK COILED IN EACH HANDHOLE.
2. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
3. THE CITY WILL DETERMINE THE EXACT LOCATION OF EVP DETECTORS TO ENSURE ADEQUATE SIGHTLINE.

TRAFFIC CONTROL SIGNAL
STH 50 / STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO.

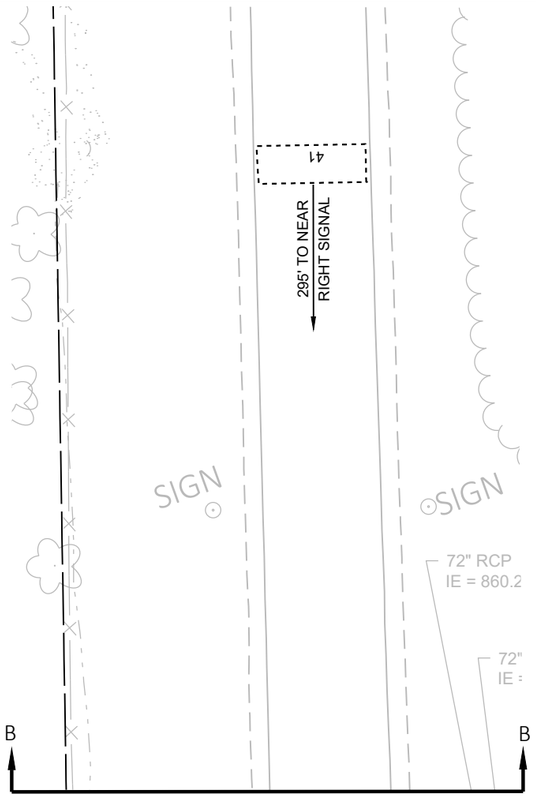
CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

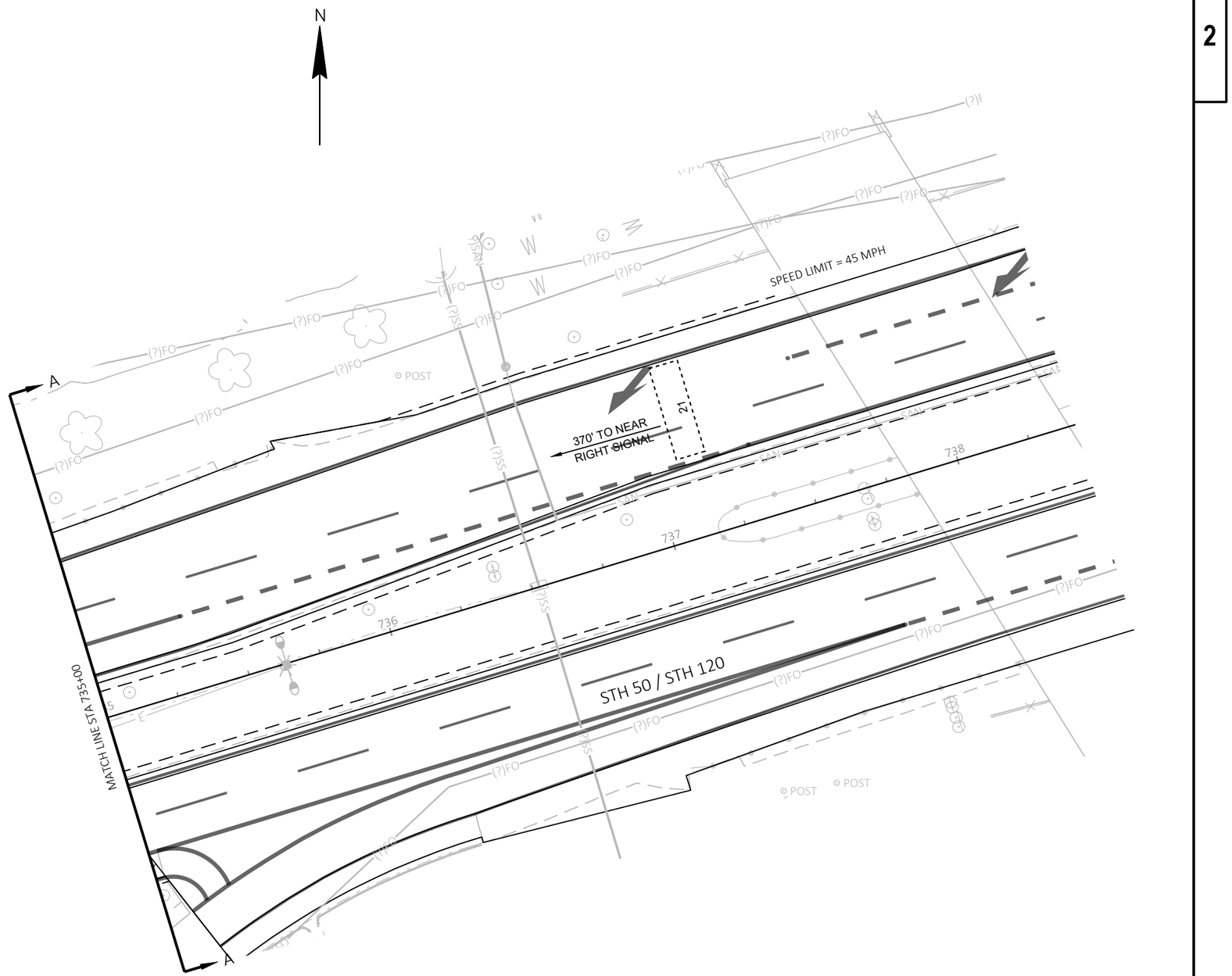
PAGE 1 OF 3

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 308	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024206-SP.DWG
LAYOUT NAME - USH 12 EB-01-sp

PLOT DATE : 7/29/2026 11:17 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT





TRAFFIC CONTROL SIGNAL
STH 50 / STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY

SIGNAL NO.

CITY CONTACT: TOM EARLE
DESIGNED BY: RA SMITH
REVISED BY:

PAGE 2 OF 3

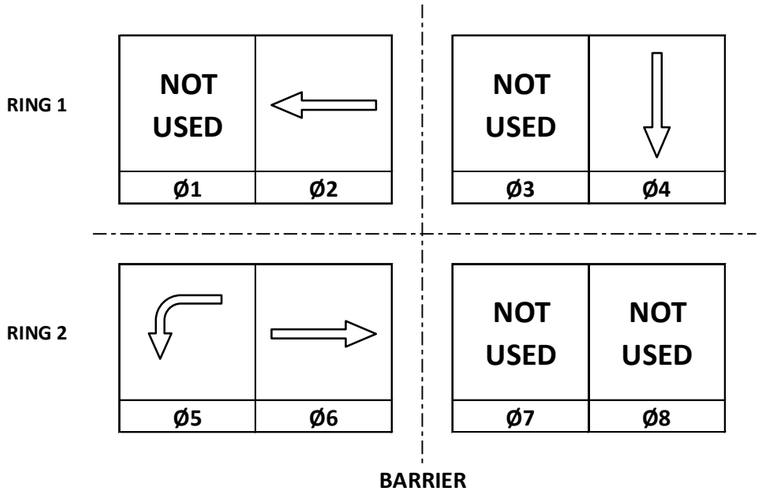
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC SIGNAL PLAN	SHEET 309	E

FILE NAME : T:\1242700\CIVIL3D\31700900\SHEETSPLAN\024206-SP.DWG
LAYOUT NAME - USH 12 EB-02-sp

PLOT DATE : 7/29/2026 11:17 AM PLOT BY : UTIC, ANDY PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1		
Ø2	7,8,11	R
Ø3		
Ø4	5,6,9,10	R
Ø5	4,12,13	R ←
Ø6	1,2,3	R
Ø7		
Ø8		
Ø2P		
Ø4P		
Ø6P		
Ø8P		
OLE		
OLF		
OLG		
OLH		



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				
2	X	6	MIN	X
3				
4				X
5		2		X
6	X	2	MIN	X
7				
8				

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C
MOVEMENT	←	← →	↓
PHASE	2+5	6+2	4

AFTER PREEMPTION SEQUENCE 2+5 OR 6+2, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4, CONTROLLER SHALL RETURN TO PHASE 4.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION		
NONE		
TBC		X
TRAFFIC RESPONSIVE		
ADAPTIVE		
*LOCATION OF MASTER CONTROLLER NO:	S-	
SIGNAL SYSTEM NO:	SS-	

TYPE OF LIGHTING	
BY OTHER AGENCY	X
IN TRAFFIC CABINET	
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	
TOMAR	X
HARDWIRE	
OTHER	
CONFIRMATION LIGHTS	
LIFT BRIDGE	
QUEUE DETECTION	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR(S)	21	41	43	51	62			
PHASE CALLED	2		4	5	6			
PHASE EXTENDED	X	X	X	X	X			
CALLING DELAY								
EXTENSION STRETCH		X						
ADDED INITIAL	X				X			

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR(S)	22	42	44	61				
PHASE CALLED	2		4	6				
PHASE EXTENDED	X	X	X	X				
CALLING DELAY								
EXTENSION STRETCH		X						
ADDED INITIAL	X			X				

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR(S)
								PHASE CALLED
								PHASE EXTENDED
								CALLING DELAY
								EXTENSION STRETCH
								ADDED INITIAL

STH 50 / STH 120 & USH 12 EB RAMPS
CITY OF LAKE GENEVA
WALWORTH COUNTY
SIGNAL NO: CABINET TYPE: TS2
CONTROLLER TYPE: MCCAIN
DATE: 08/2026 PAGE NUMBER: 3 OF 3

PROJECT NO:	3170-09-70/71/81
INTERSECTION:	STH 50/STH 120 & USH 12 EB RAMPS

SIGNAL WIRE COLOR CODING	BLK-Black	RED-Red	GRN-Green
	WHT-White	BLU-Blue	ORG-Orange
MULTI-COLOR WIRES FORMAT: Base Color/Tracer Line			

CB1 TO	AWG 14 # OF COND.	HEAD NO.	PHASE	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
				RED	YELLOW	GREEN	<RED>	<YELLOW>	<FLASH YEL>	<GREEN>	D/WALK	WALK		
SB1	12	10	Ø4	RED/BLK				ORG/BLK		GRN/BLK				
		11	Ø2	RED	ORG	GRN								
SB2	7	12	Ø5				RED	ORG		GRN				
SB3	12	1	Ø6	RED	ORG	GRN								
		2	Ø6	RED	ORG	GRN								
SB4	7	3	Ø6	RED	ORG	GRN								
SB5	7	13	Ø5				RED	ORG		GRN				
SB6	12	4	Ø5				RED	ORG		GRN				
		5	Ø4	RED/BLK				ORG/BLK		GRN/BLK				
SB7	7	6	Ø8	RED	ORG	GRN								
SB8	12	7	Ø2	RED	ORG	GRN								
		8	Ø2	RED	ORG	GRN								
SB9	7	9	Ø4	RED				ORG		GRN				

NOTES:
1. USE WHITE CONDUCTOR IN SIGNAL CABLE AS GROUNDED CONDUCTOR FOR ALL TRAFFIC SIGNAL INDICATIONS.

2. ENSURE THE GROUNDED CONDUCTOR IN THE FEEDER CABLE AND THE THREE POLE CABLES ARE BOTH 18" LONGER THAN THE UNGROUNDED CONDUCTORS.

3. AT THE SIGNAL BASES, CONNECT ONE TERMINAL FROM THE PEDESTRIAN PUSH BUTTONS TO THE COLOR INDICATED IN THE CHART. CONNECT THE OTHER TERMINAL TO THE GROUNDED CONDUCTOR.

GROUNDING CONDUCTOR 10 AWG GRN	
FROM	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	CB1

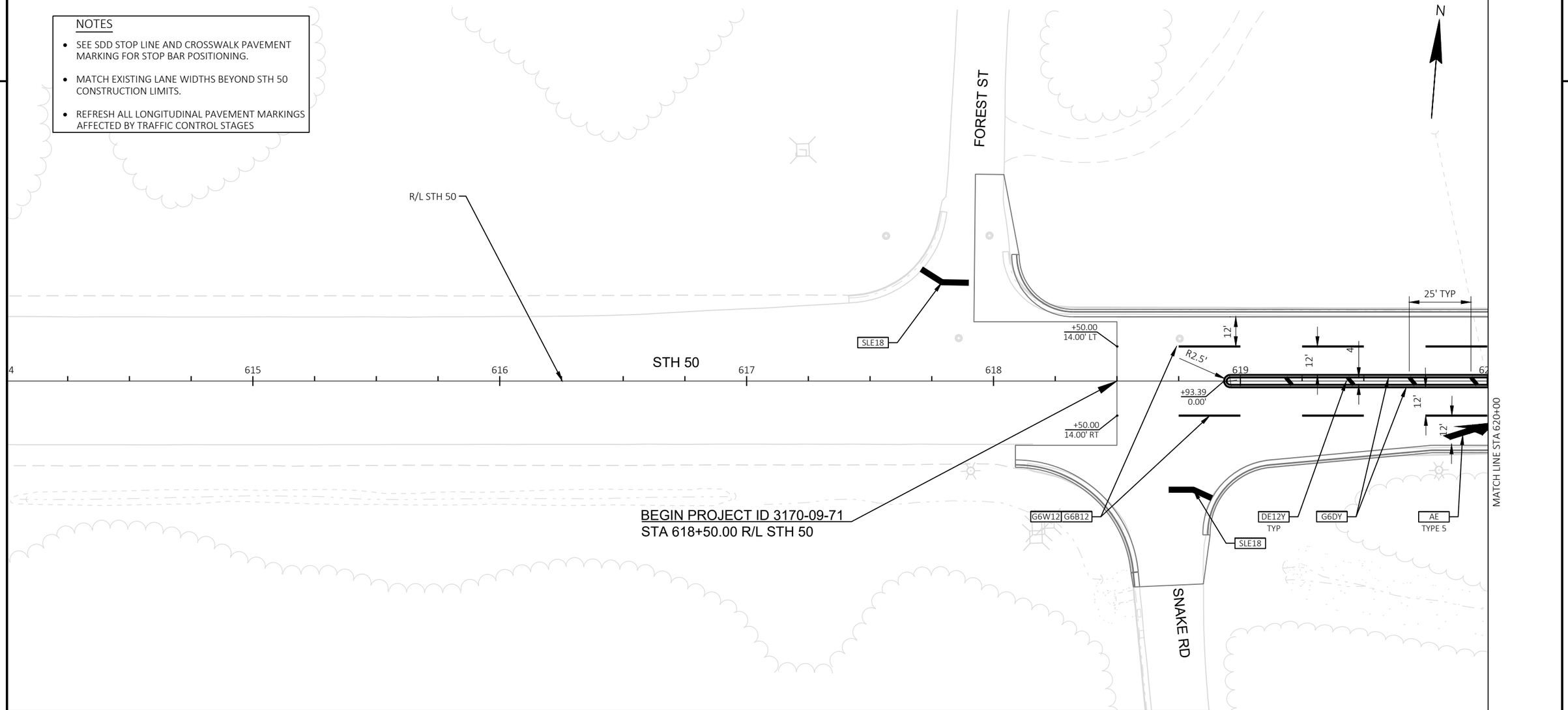
PULL BOX BONDING JUMPER 10 AWG GRN XLP	
FROM	TO
PB1	CB1
PB2	SB2
PB3	SB3
PB4	SB4
PB5	SB6
PB6	SB8
PB7	CB1

EMERGENCY VEHICLE CABLE	
FROM	TO
CB1	HEAD A (SB8)
CB1	HEAD B (SB3)
CB1	HEAD C (SB6)

STH 50/STH 120 & USH 12 EB RAMPS		
CITY OF LAKE GENEVA		
WALWORTH COUNTY		
SIGNAL NO.	LOCAL	CABINET TYPE: TS2
DATE: 08/26	CONTROLLER TYPE: MCCAIN FLEX	

NOTES

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.
- MATCH EXISTING LANE WIDTHS BEYOND STH 50 CONSTRUCTION LIMITS.
- REFRESH ALL LONGITUDINAL PAVEMENT MARKINGS AFFECTED BY TRAFFIC CONTROL STAGES



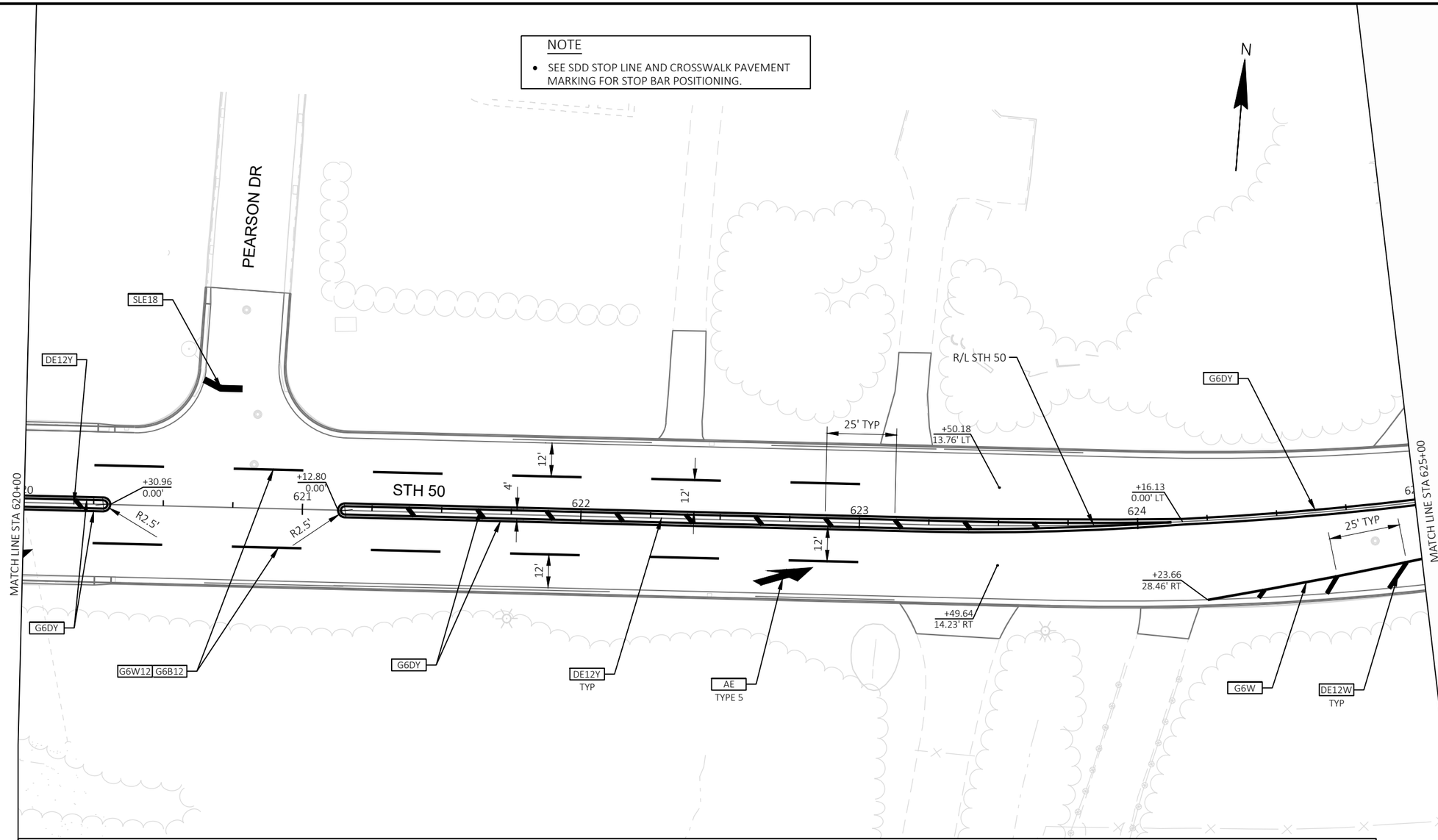
PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 312	E

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



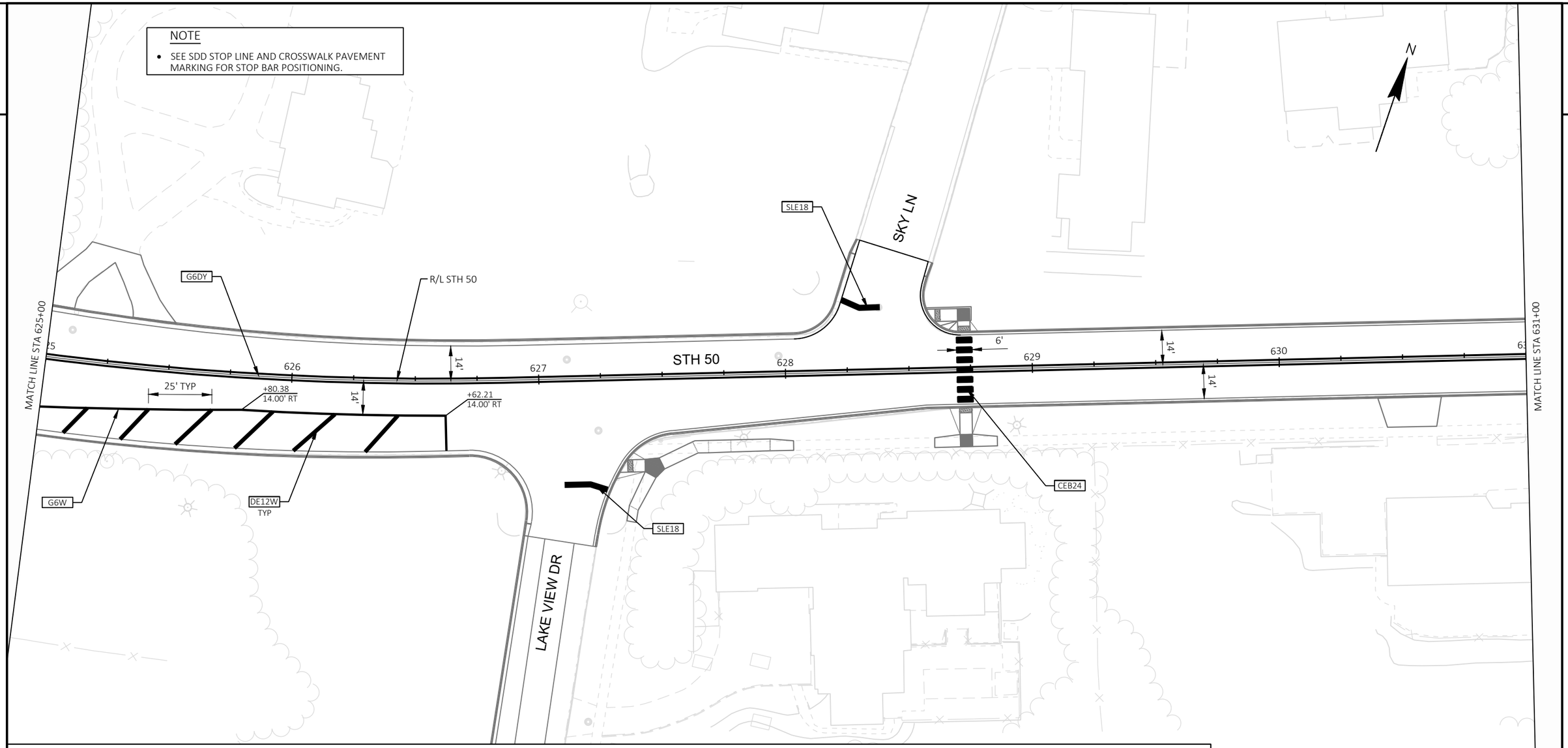
PAVEMENT MARKING LEGEND

E4DY MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W MARKING LINE EPOXY 8-INCH (WHITE)	SLE18 MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3 MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3 MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE MARKING CURB EPOXY (YELLOW)
G6Y12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE MARKING WORD EPOXY (WHITE)	INE MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12 MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE MARKING SYMBOL EPOXY (WHITE)	PSEW MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 313	E

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

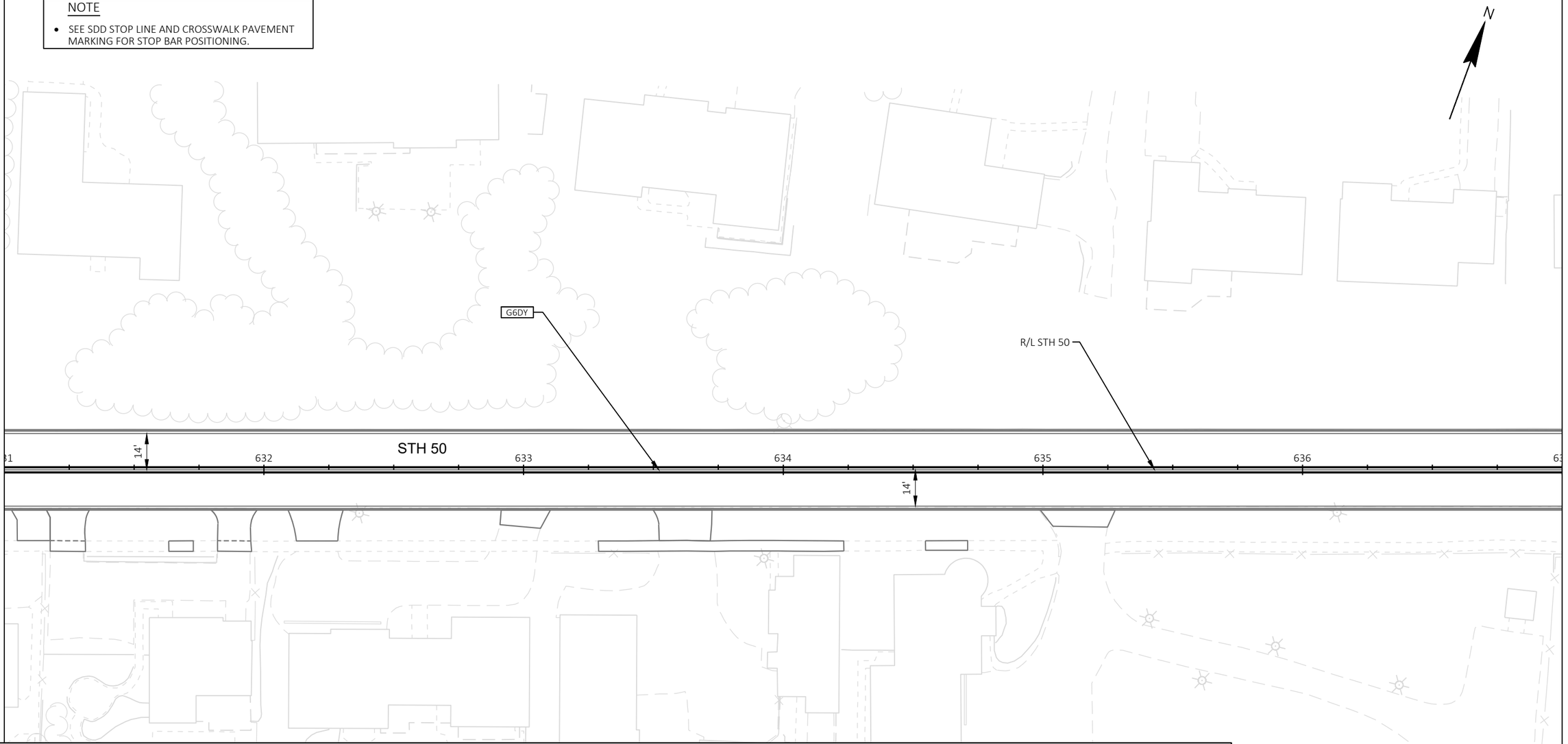
E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 314	E

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



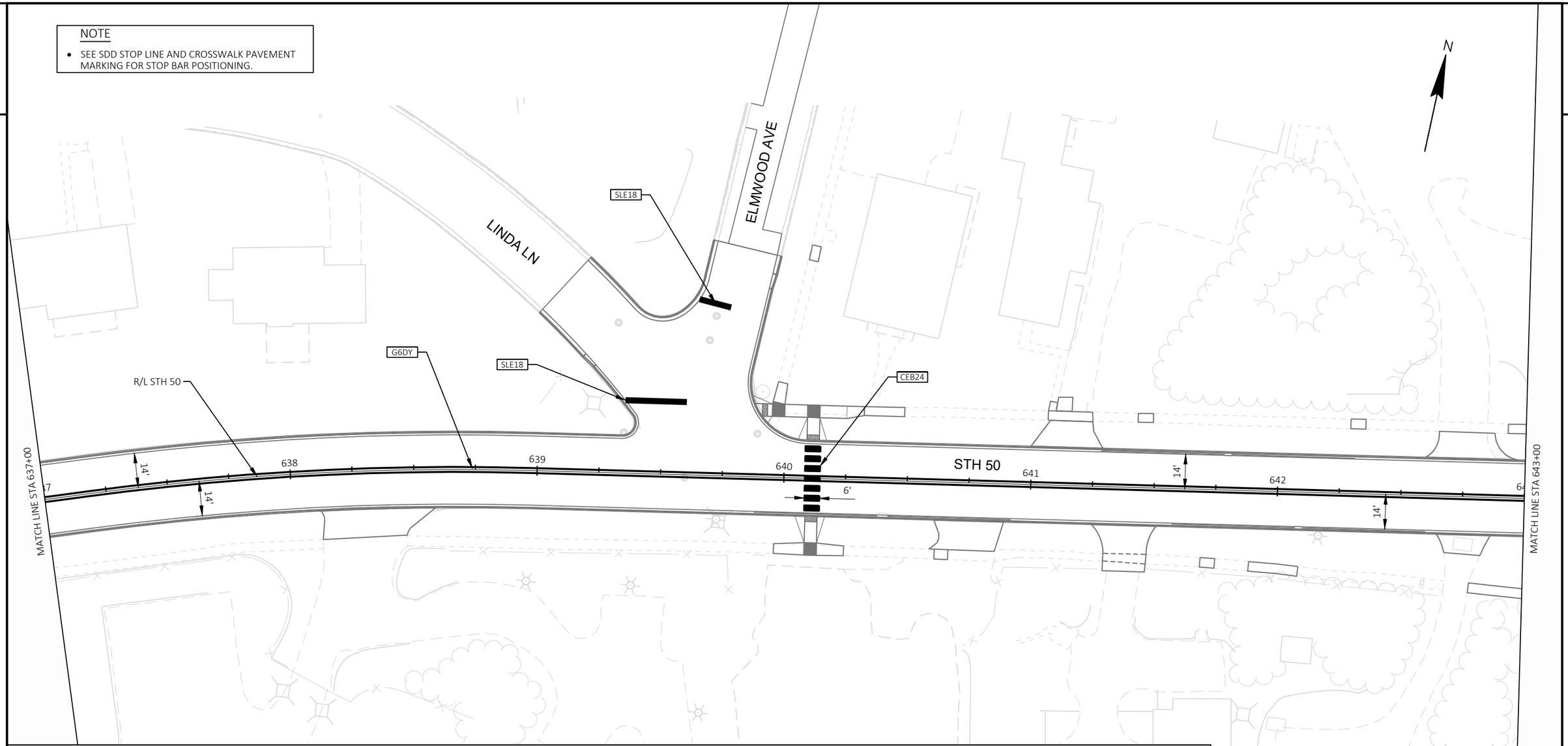
PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



2

PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 316	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 05-pm

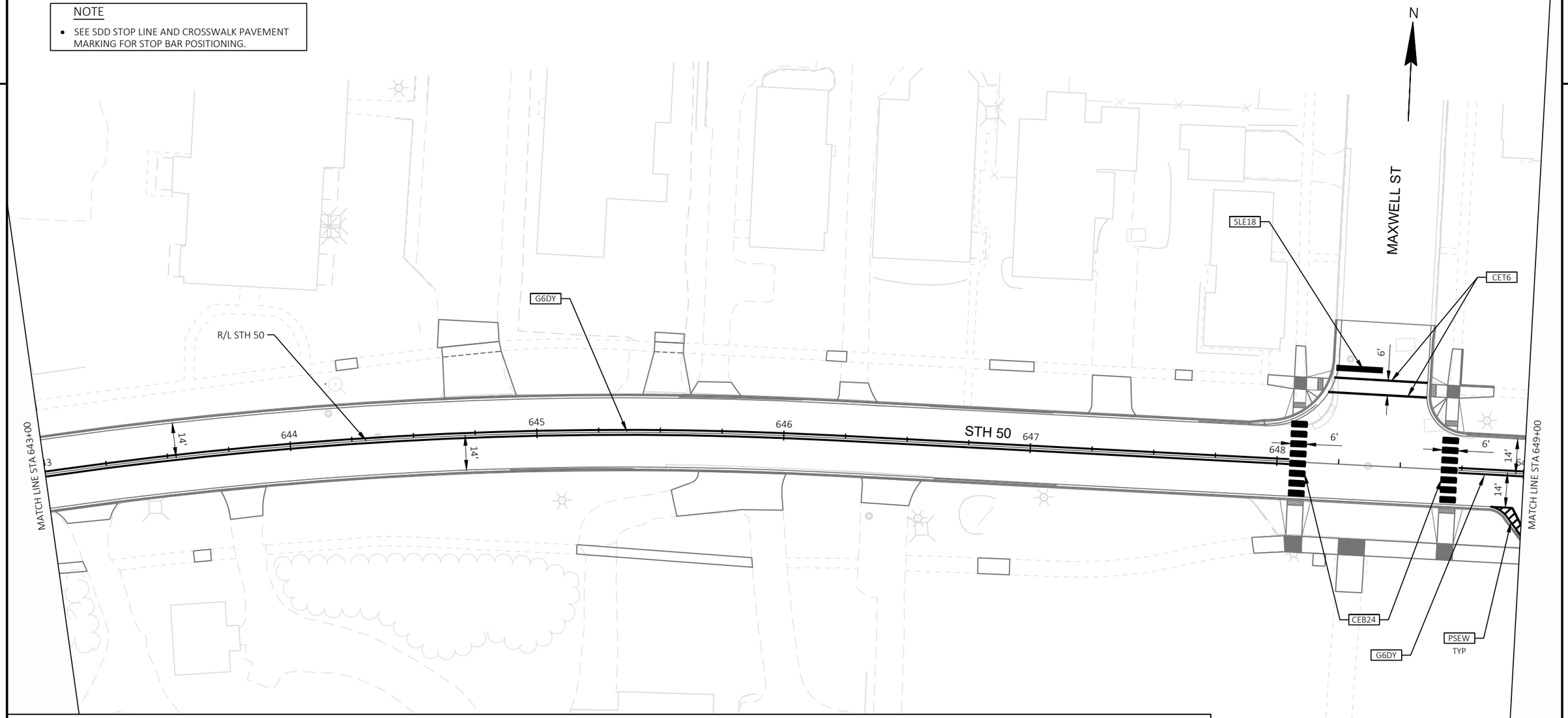
PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

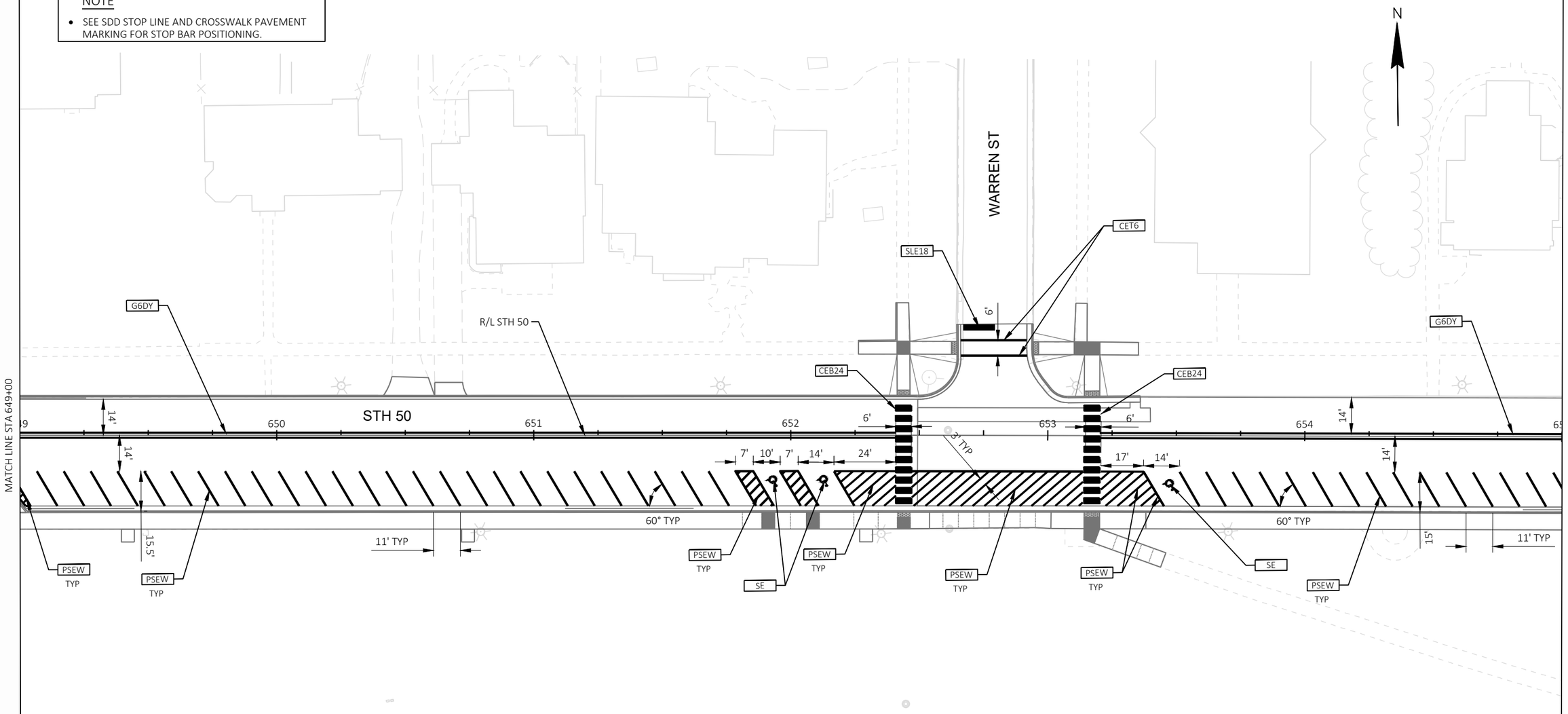
E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 317	E

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W MARKING LINE EPOXY 8-INCH (WHITE)	SLE18 MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3 MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3 MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE MARKING CURB EPOXY (YELLOW)
G6Y12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE MARKING WORD EPOXY (WHITE)	INE MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12 MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE MARKING SYMBOL EPOXY (WHITE)	PSEW MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 318	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 07-pm

PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

N

MADISON ST

STH 50

R/L STH 50

MATCH LINE STA 655+00

MATCH LINE STA 661+00

PSEW

CET6

SLE18

+12.87
54.90' LT

CEB24

G6DY

G10B3 G10W3

+65.34
3.37' LT

+17.05
0.00'

655 656 657 658 659 660

14' 6' 31' 3' TYP 18' 9' 12' 15' 13'

7' 10'

60° TYP

11' TYP

PSEW TYP

SE

WE

AE

G10W

PAVEMENT MARKING LEGEND

E4DY MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W MARKING LINE EPOXY 8-INCH (WHITE)	SLE18 MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3 MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3 MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE MARKING CURB EPOXY (YELLOW)
G6Y12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE MARKING WORD EPOXY (WHITE)	INE MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12 MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE MARKING SYMBOL EPOXY (WHITE)	PSEW MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 319	E

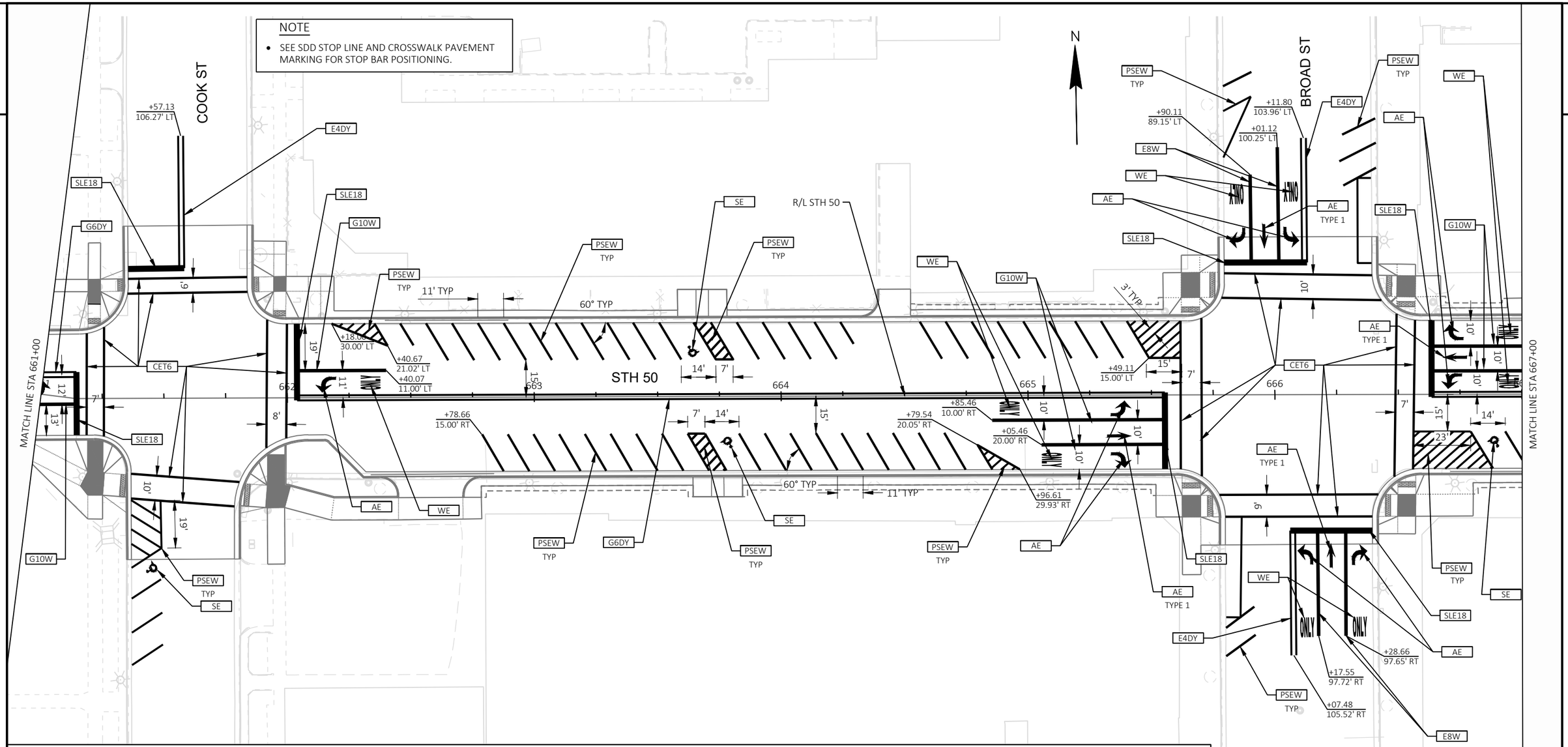
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 08-pm

PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 320	E

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

MATCH LINE STA 667+00

MATCH LINE STA 673+00

CENTER ST

STH 50

R/L STH 50

N

60° TYP

22' TYP

668 669 670 671 672

+21.22 19.50' LT

+21.22 9.50' LT

+47.94 115.16' LT

+60.13 115.37' LT

+49.89 10.00' RT

+49.89 20.00' RT

+04.95 28.00' RT

+67.00 20.00' RT

+56.82 17.00' LT

+73.29 98.42' RT

+61.06 105.99' RT

G10W AE TYPE 1 AE PSEW TYP G6DY PSEW TYP PSEW TYP AE TYPE 1 G10W WE AE TYPE 1 SLE18 WE E8W SLE18 AE TYPE 3 SE PSEW TYP E4DY E8W CET6 SLE18 AE TYPE 1 AE AE TYPE 1 G10B3 G10W3 G10W PSEW TYP WE G6DY

PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 321	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 10-pm

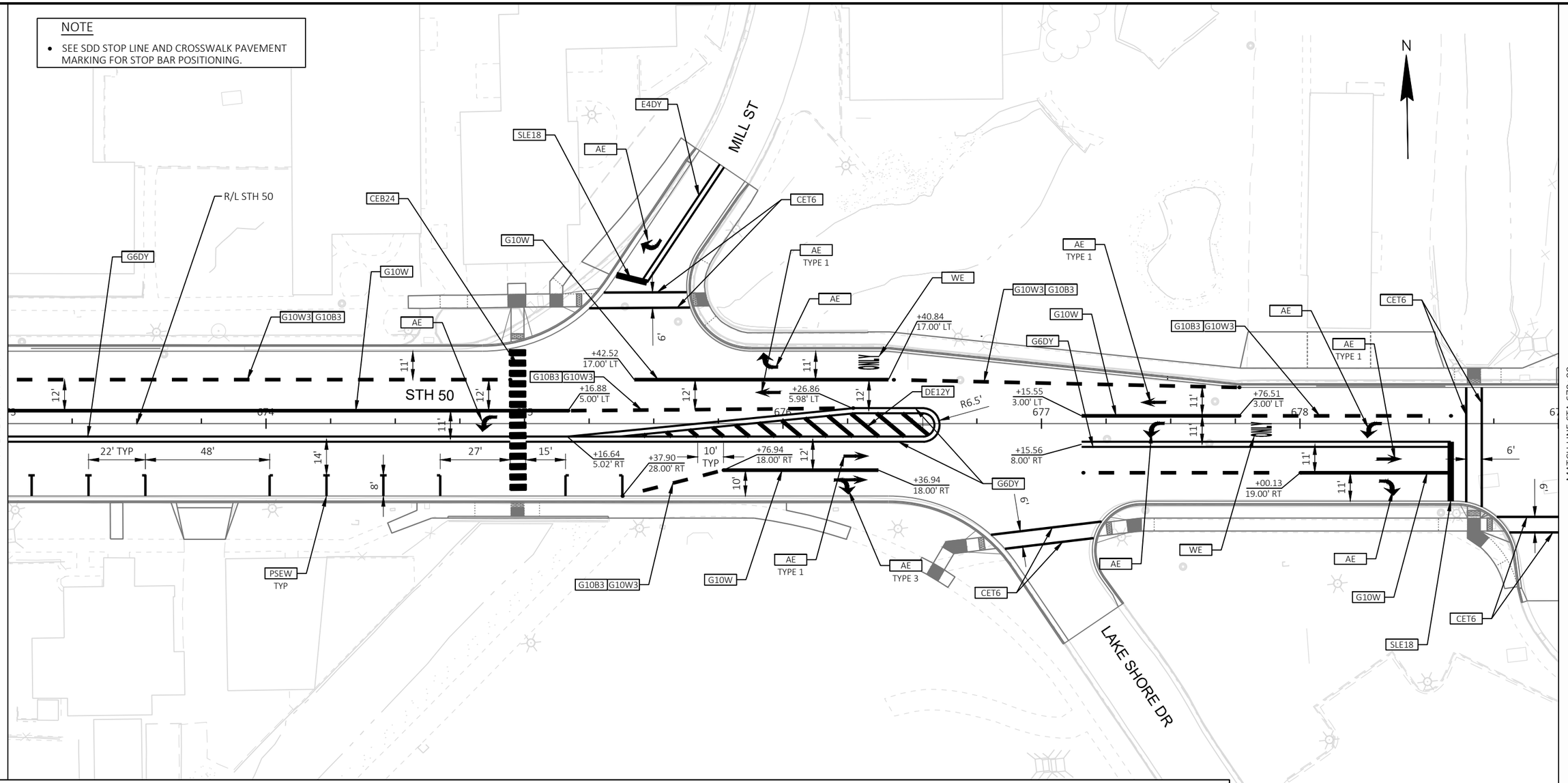
PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 322	E

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

END PROJECT 3170-09-71 (END PAVEMENT REPLACEMENT)/
BEGIN PROJECT ID 3170-09-70 (BEGIN RESURFACING)
STA 682+76.86 R/L STH 50

N

COUNTRY CLUB DR

MATCH LINE STA 679+00

MATCH LINE STA 685+00

STH 50

R/L STH 50

WELLS ST

SLE18 CET6 AE TYPE 1 G10W G10W3 G10B3 DE12Y G6DY G6W G6Y G6Y12 DE12W E8W E4DY

+69.35 5.56' LT
+35.84 9.10' LT
+65.51 10.69' LT
+23.27 11.00' LT
+20.86 11.00' LT
+00.11 11.02' LT
+70.85 11.21' LT
+69.60 5.45' RT
+40.06 0.00'
+02.29 9.04' RT

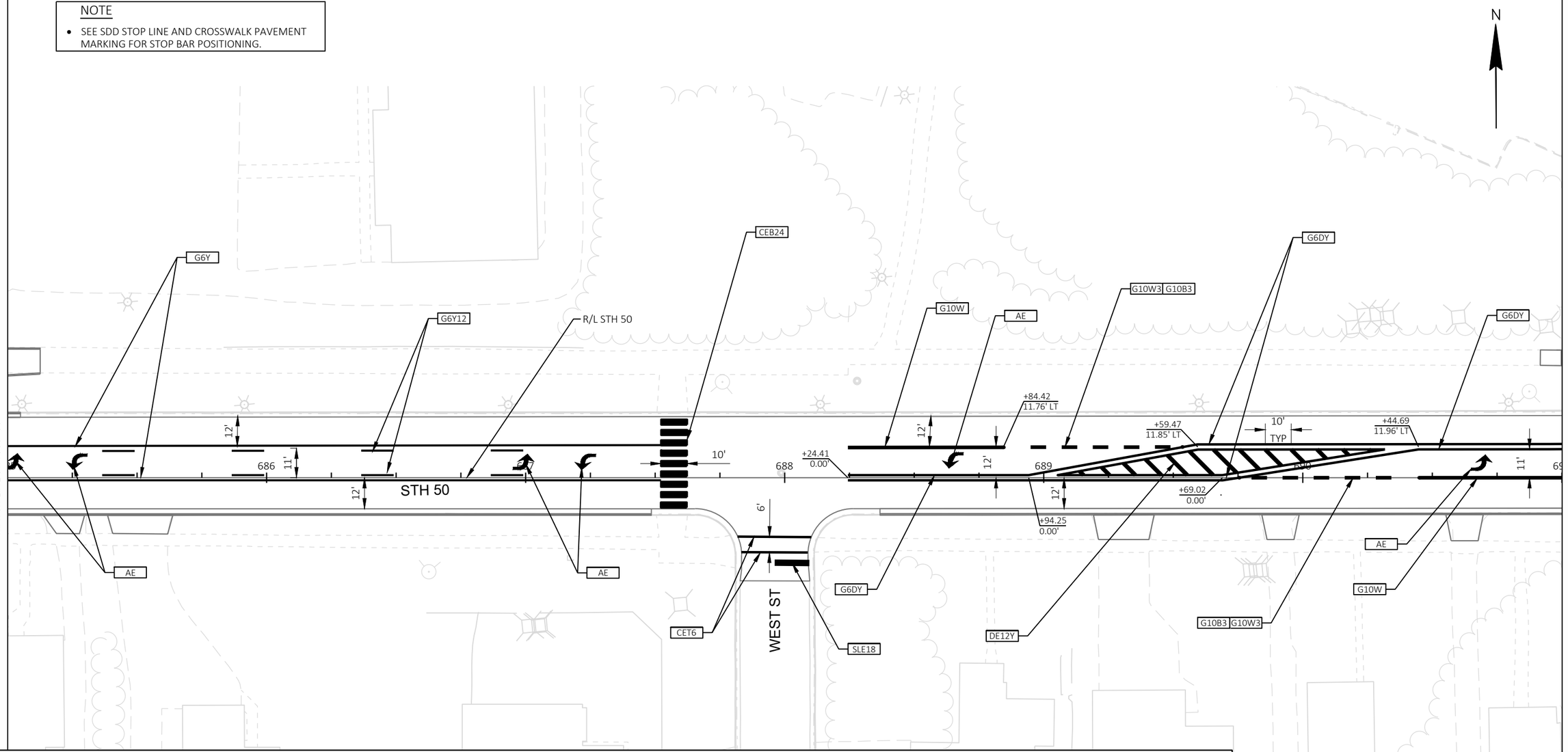
R6.5'
10' TYP
12' TYPE 1
11'
12'
6'
15'

PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W MARKING LINE EPOXY 8-INCH (WHITE)	SLE18 MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3 MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3 MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE MARKING CURB EPOXY (YELLOW)
G6Y12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE MARKING WORD EPOXY (WHITE)	INE MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12 MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE MARKING SYMBOL EPOXY (WHITE)	PSEW MARKING PARKING STALL EPOXY (WHITE)

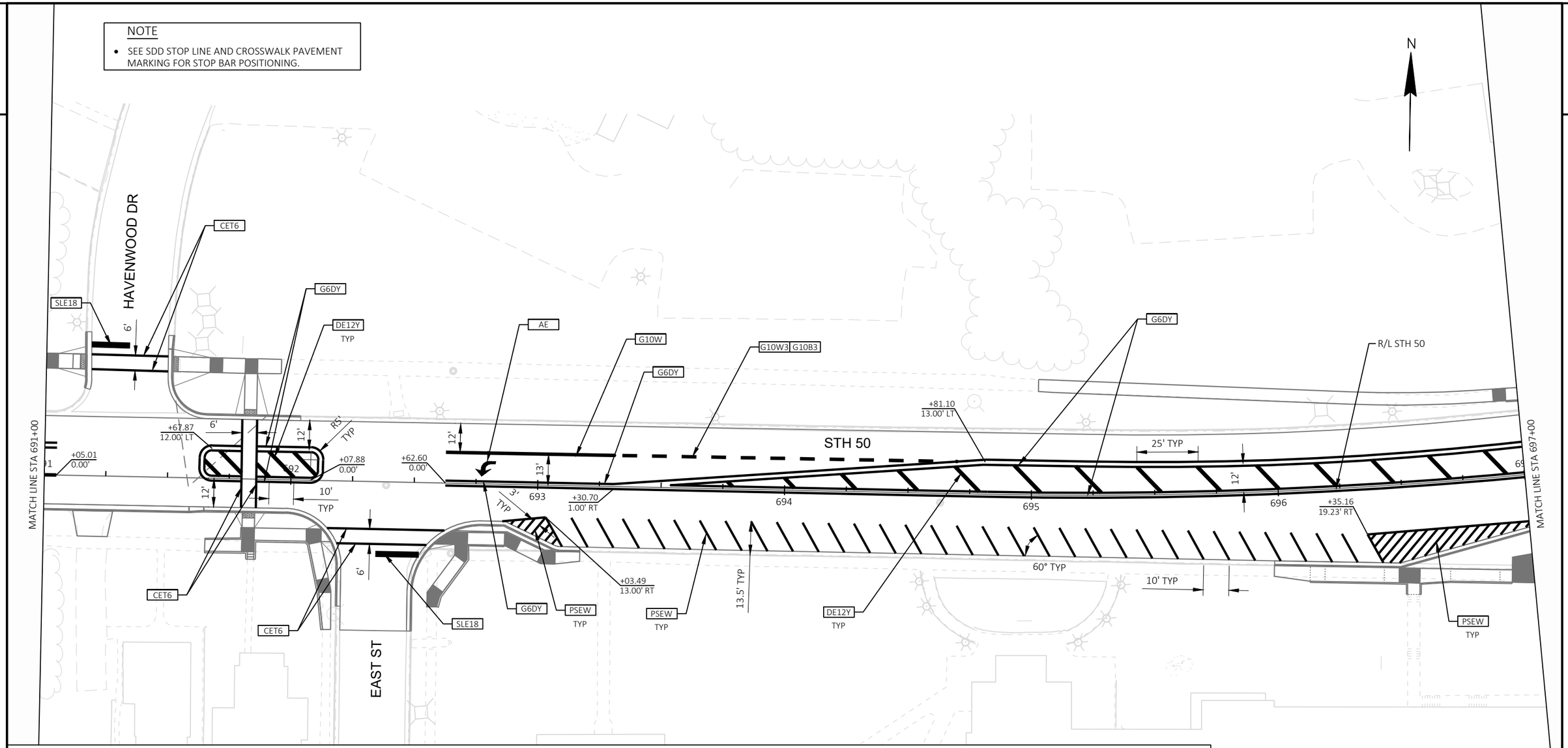
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 324	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 13-pm

PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 325	E

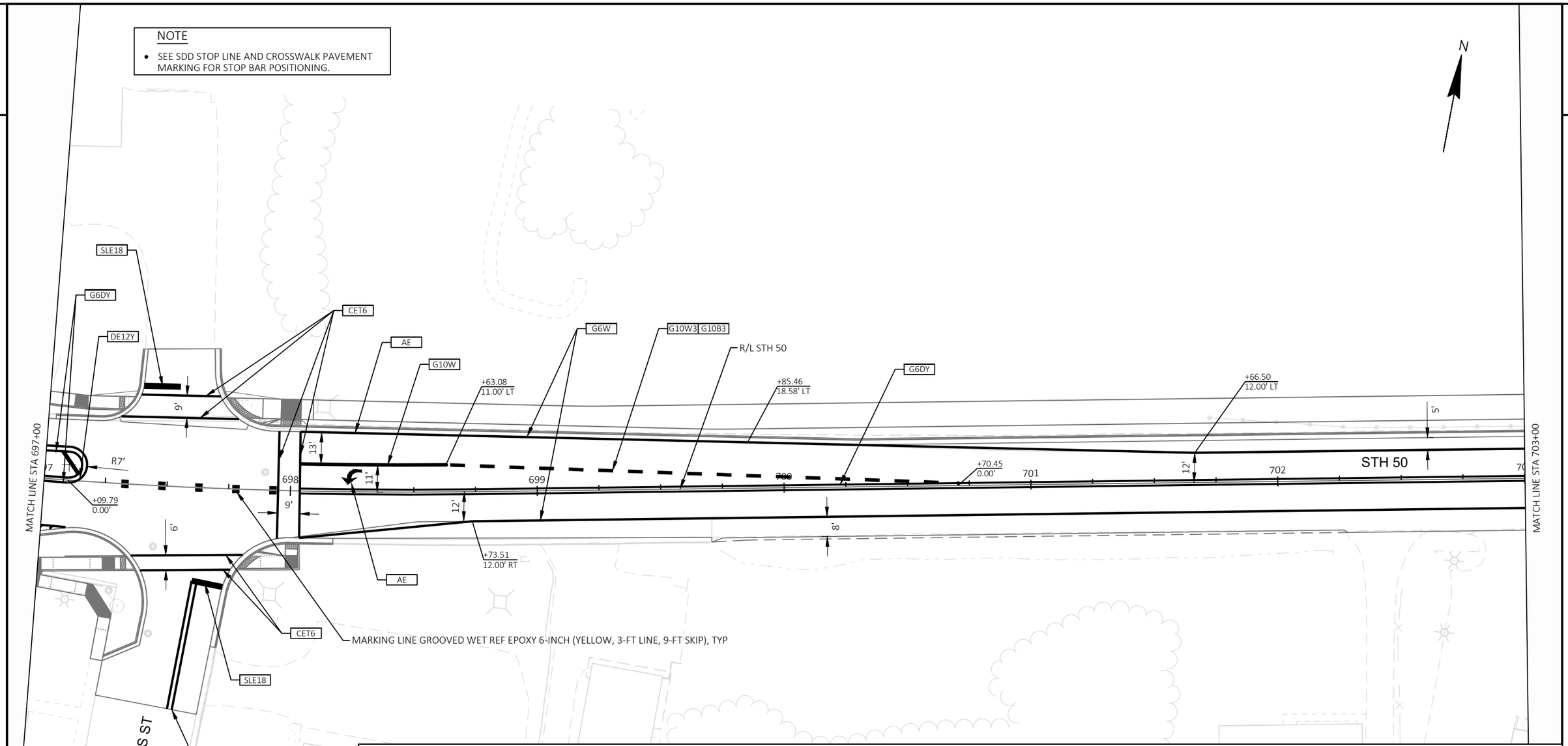
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 14-pm

PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 326	E

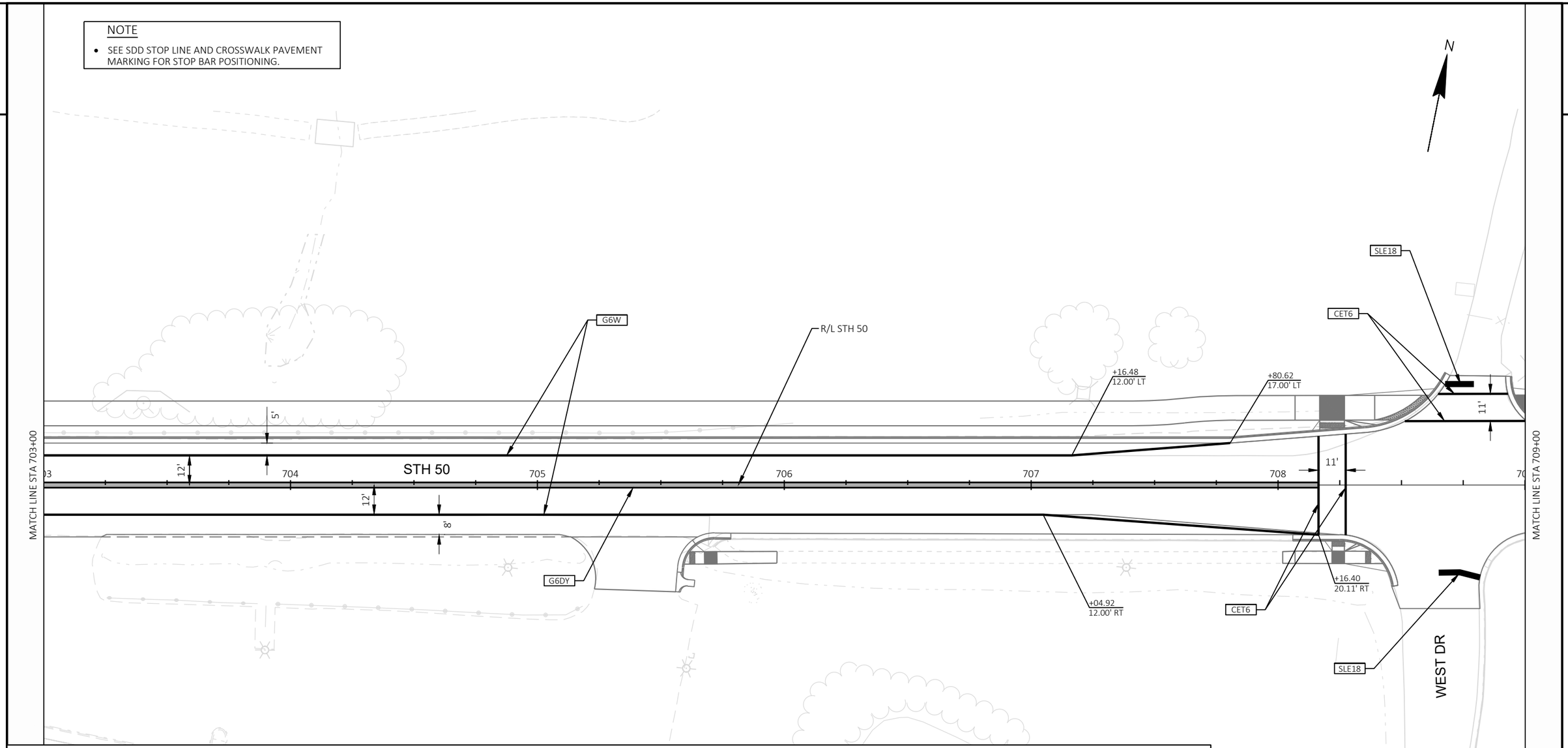
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LAYOUT NAME - 15-pm

PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 327	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 16-pm
PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

N

MATCH LINE STA 709+00

MATCH LINE STA 715+00

G6W

G6DY

G6DY

R/L STH 50

+14.30
12.00' LT

+85.68
0.00'

10'

5'

12'

12'

12'

12'

STH 50

09

710

711

712

713

714

+45.79
0.00'

+03.61
0.00'

9'

+03.93
19.00' RT

+73.93
12.00' RT

+54.65
12.00' RT

+74.65
20.00' RT

+46.67
20.00' RT

G6W

SLE18

LOCKWOOD BLVD

PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 328	E

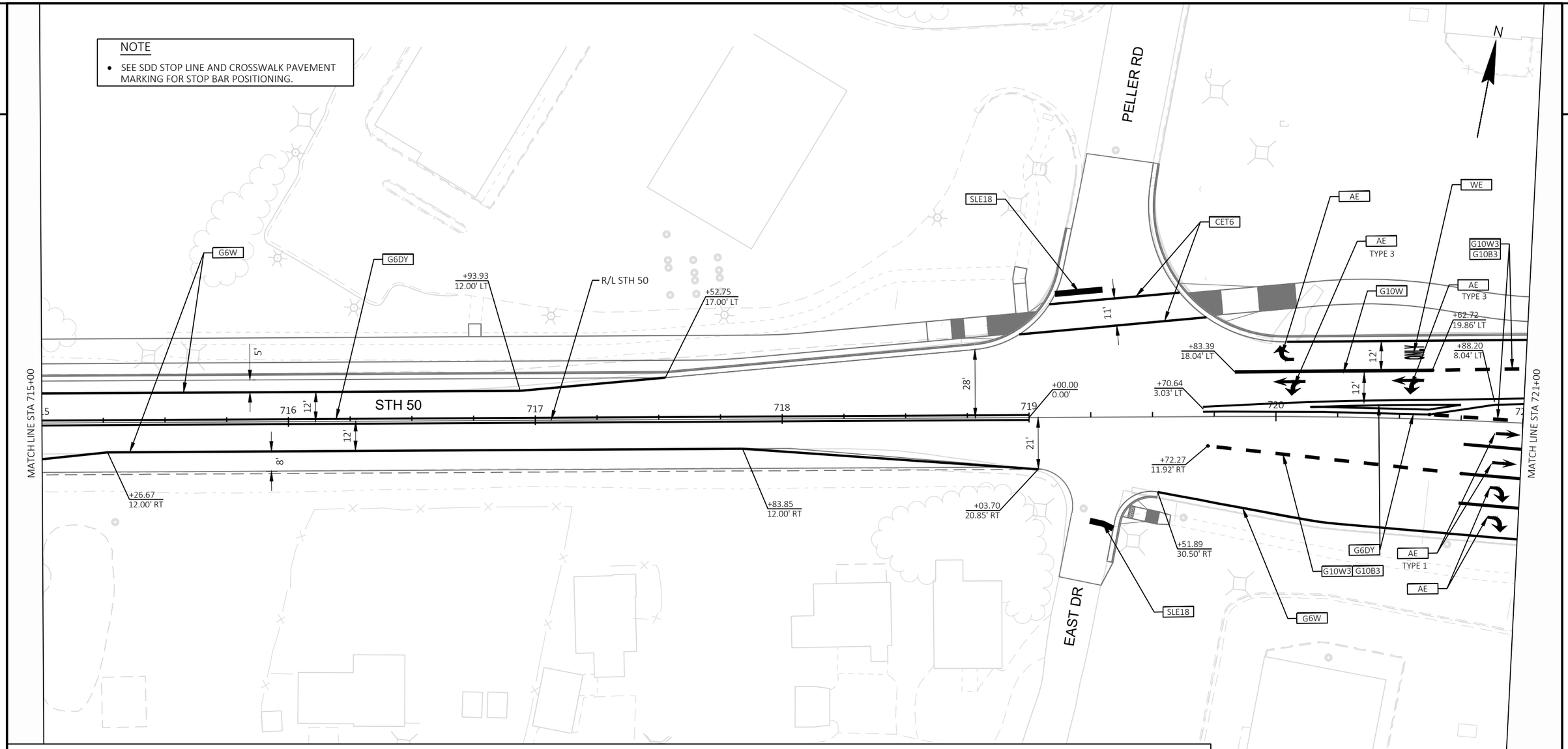
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 17-pm

PLOT DATE : 9/28/2026 9:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

E4DY MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W MARKING LINE EPOXY 8-INCH (WHITE)	SLE18 MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3 MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3 MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE MARKING CURB EPOXY (YELLOW)
G6Y12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE MARKING WORD EPOXY (WHITE)	INE MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12 MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE MARKING SYMBOL EPOXY (WHITE)	PSEW MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 329	E

2

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

MATCH LINE EDWARDS BLVD

MATCH LINE STA 721+00

MATCH LINE STA 727+00

EDWARDS BLVD

STH 50

STH 120

R/L STH 50

N

MARKING CORRUGATED MEDIAN EPOXY

MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 2-FT LINE, 6-FT SKIP);
MARKING LINE GROOVED BLACK EPOXY 10-INCH (2-FT LINE, 6-FT SKIP)

PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)

PAVEMENT MARKING LEGEND (CONTINUED)

E8W	MARKING LINE EPOXY 8-INCH (WHITE)
E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)
G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)
G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)
G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)
AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)
WE	MARKING WORD EPOXY (WHITE)
SE	MARKING SYMBOL EPOXY (WHITE)
SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
CE	MARKING CURB EPOXY (YELLOW)
INE	MARKING ISLAND NOSE EPOXY (YELLOW)
PSEW	MARKING PARKING STALL EPOXY (WHITE)

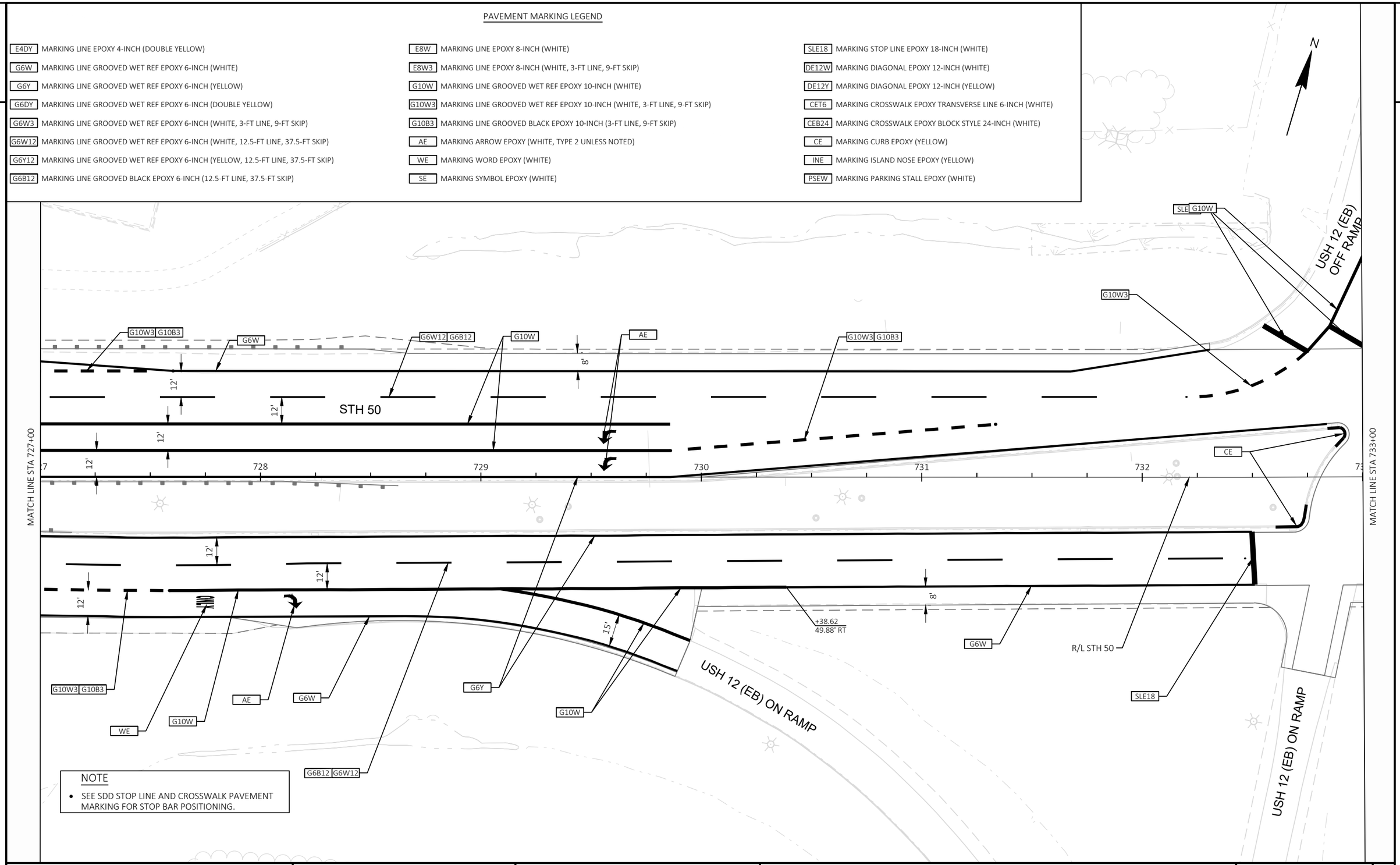
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 330	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 19-pm
PLOT DATE : 9/28/2026 9:46 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
WISDOT/CADDS SHEET 42

2

PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)



NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 331	E

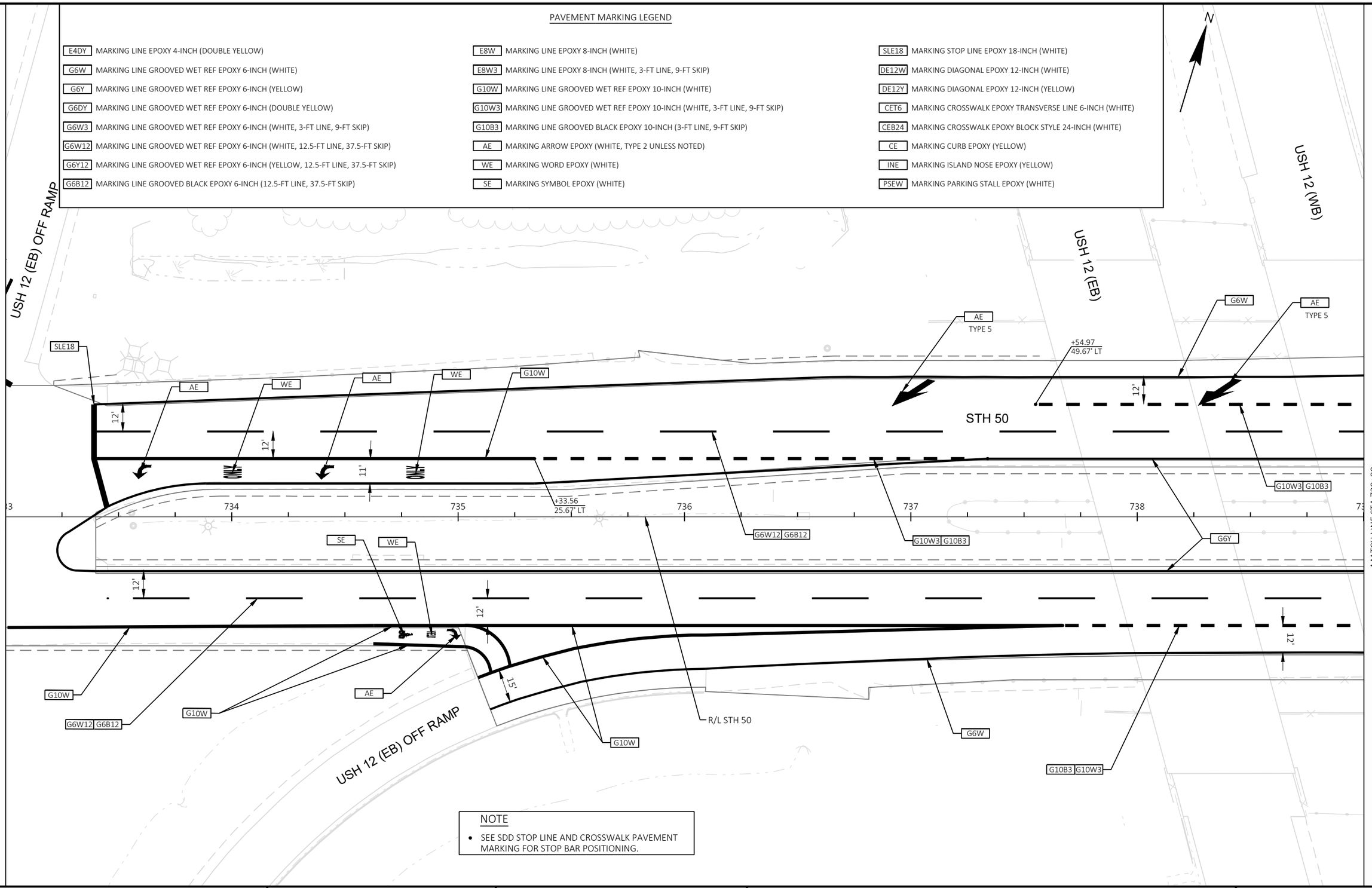
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 20-pm

PLOT DATE : 9/28/2026 9:46 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)



NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 332	E

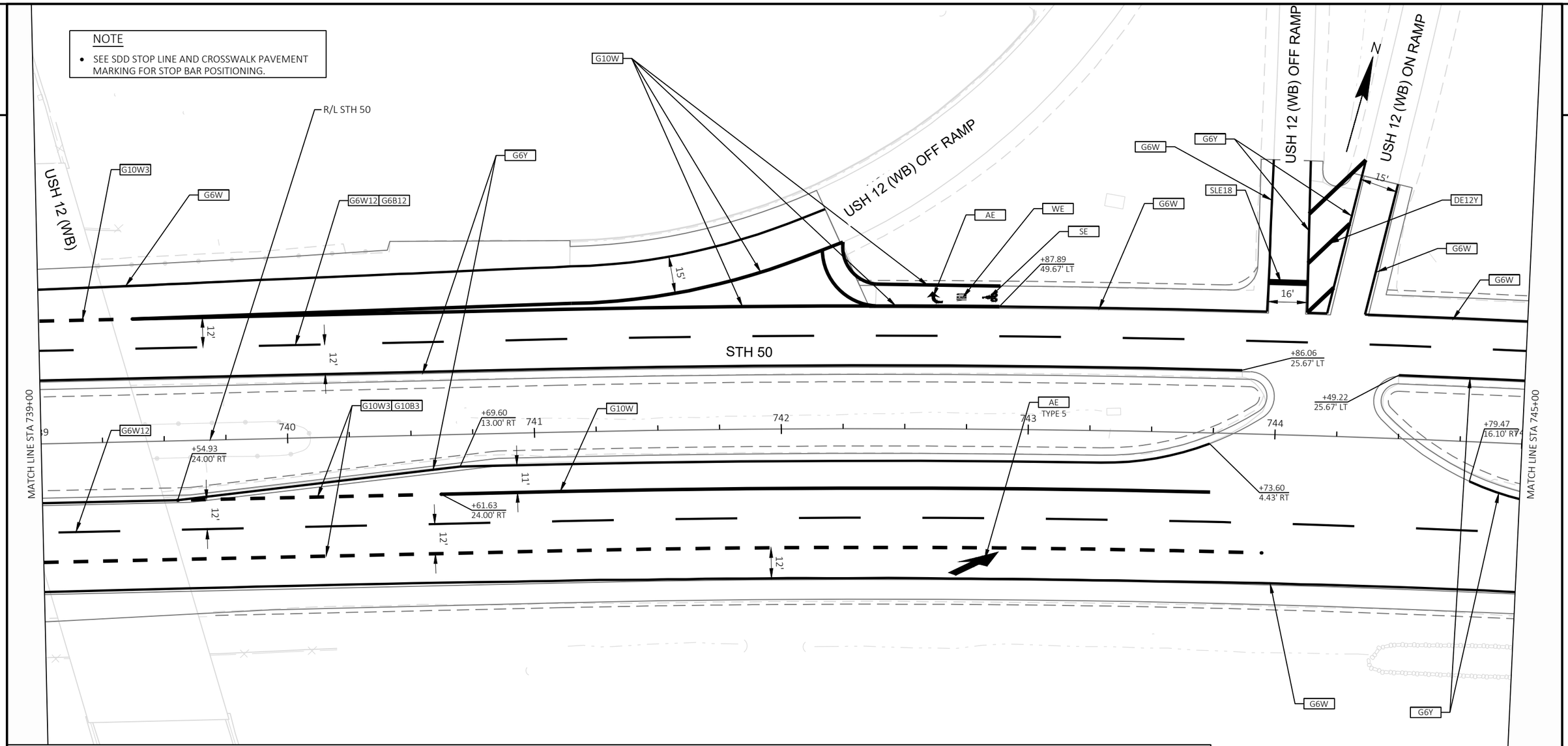
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 21-pm

PLOT DATE : 9/28/2026 9:46 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.



PAVEMENT MARKING LEGEND

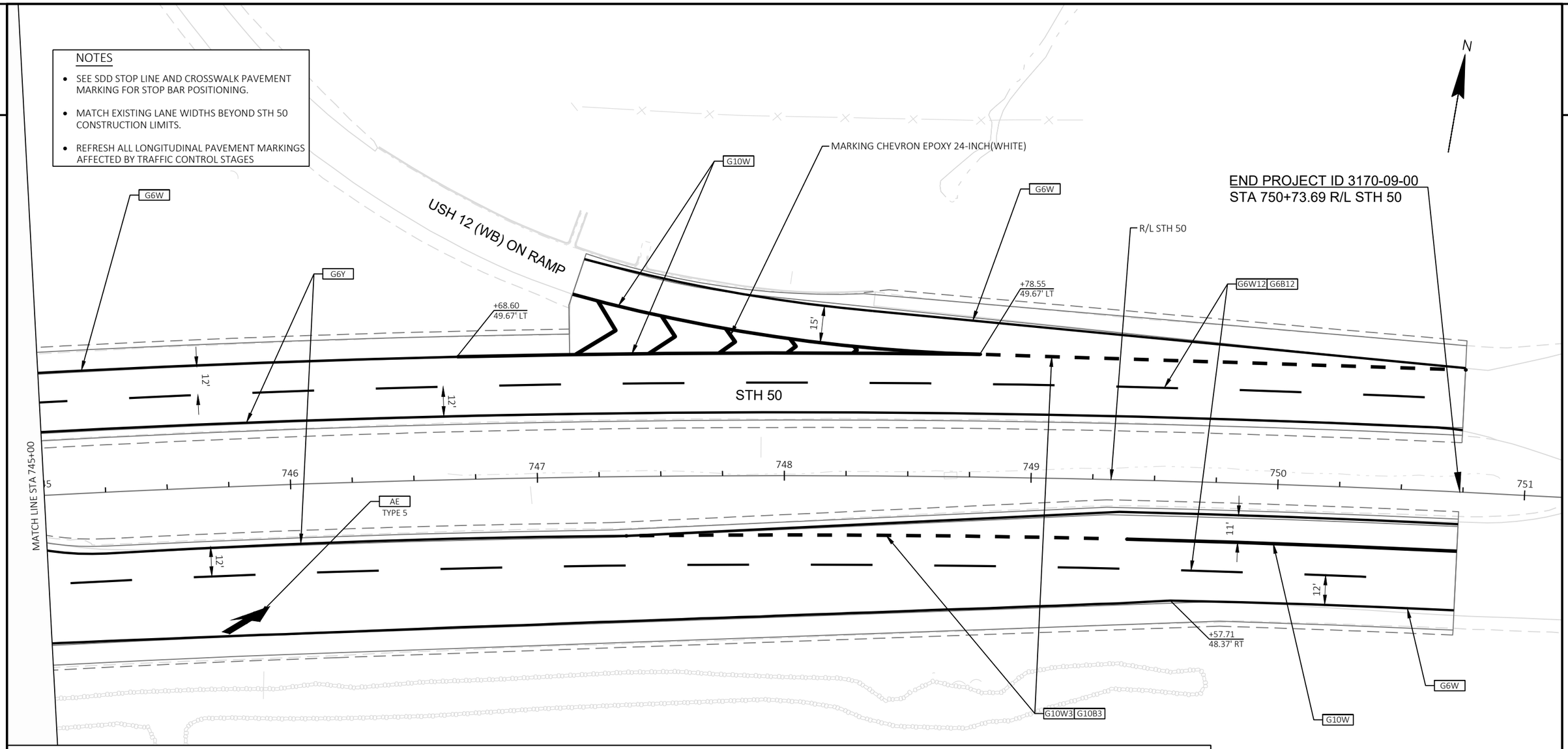
E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 333	E

2

NOTES

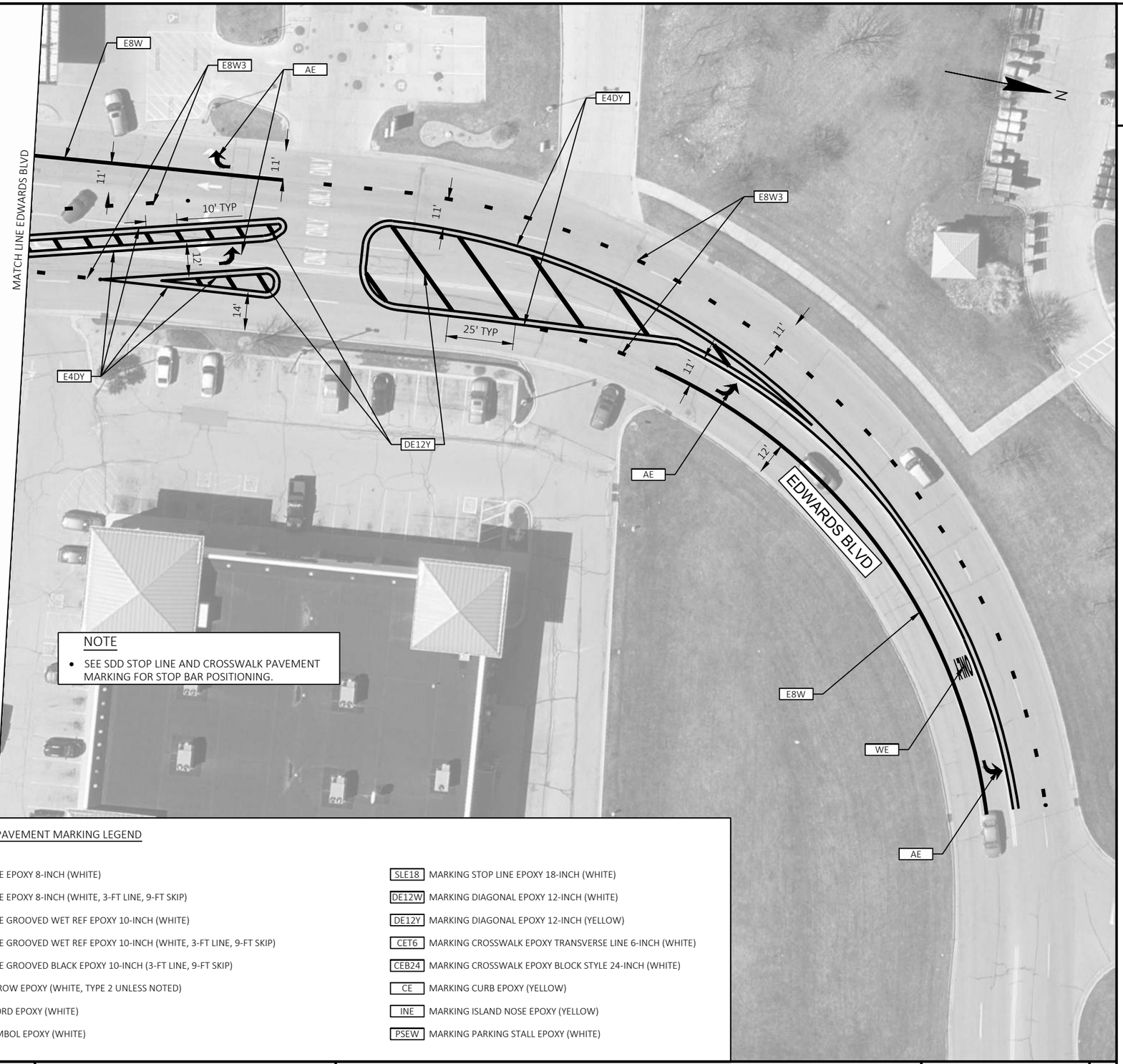
- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.
- MATCH EXISTING LANE WIDTHS BEYOND STH 50 CONSTRUCTION LIMITS.
- REFRESH ALL LONGITUDINAL PAVEMENT MARKINGS AFFECTED BY TRAFFIC CONTROL STAGES



PAVEMENT MARKING LEGEND

E4DY	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W	MARKING LINE EPOXY 8-INCH (WHITE)	SLE18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3	MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y	MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY	MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3	MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3	MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24	MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE	MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE	MARKING CURB EPOXY (YELLOW)
G6Y12	MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE	MARKING WORD EPOXY (WHITE)	INE	MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12	MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE	MARKING SYMBOL EPOXY (WHITE)	PSEW	MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 334	E



NOTE

- SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING FOR STOP BAR POSITIONING.

PAVEMENT MARKING LEGEND

E4DY MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)	E8W MARKING LINE EPOXY 8-INCH (WHITE)	SLE18 MARKING STOP LINE EPOXY 18-INCH (WHITE)
G6W MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE)	E8W3 MARKING LINE EPOXY 8-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	DE12W MARKING DIAGONAL EPOXY 12-INCH (WHITE)
G6Y MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW)	G10W MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE)	DE12Y MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
G6DY MARKING LINE GROOVED WET REF EPOXY 6-INCH (DOUBLE YELLOW)	G10W3 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	CET6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
G6W3 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 3-FT LINE, 9-FT SKIP)	G10B3 MARKING LINE GROOVED BLACK EPOXY 10-INCH (3-FT LINE, 9-FT SKIP)	CEB24 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
G6W12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE, 12.5-FT LINE, 37.5-FT SKIP)	AE MARKING ARROW EPOXY (WHITE, TYPE 2 UNLESS NOTED)	CE MARKING CURB EPOXY (YELLOW)
G6Y12 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW, 12.5-FT LINE, 37.5-FT SKIP)	WE MARKING WORD EPOXY (WHITE)	INE MARKING ISLAND NOSE EPOXY (YELLOW)
G6B12 MARKING LINE GROOVED BLACK EPOXY 6-INCH (12.5-FT LINE, 37.5-FT SKIP)	SE MARKING SYMBOL EPOXY (WHITE)	PSEW MARKING PARKING STALL EPOXY (WHITE)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 335	E

GENERAL NOTES FOR TRAFFIC CONTROL

1) THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.
2) A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE WORK AREAS IF WARRANTED BY CONDITIONS OR AS DIRECTED BY THE ENGINEER. FLAGGING IS NOT PERMITTED ON FREEWAY LANES.
3) ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
4) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.
5) FOR NIGHTTIME OPERATION ALL DRUMS IN TAPERS SHALL HAVE A TYPE "C" STEADY BURN WARNING LIGHT.
6) ALL TYPE III BARRICADES SHALL BE 8' WIDE, UNLESS OTHERWISE NOTED, AND BE EQUIPPED WITH TWO TYPE "A" (LOW INTENSITY FLASHING) LIGHTS.
7) WORK AREAS SHOWN MAY NOT ILLUSTRATE ALL REMOVALS. SEE REMOVAL SHEETS FOR ADDITIONAL INFORMATION.
8) WHEN A SEGMENT OF THE PROJECT IS NOT SHOWN ON THE STAGING PLANS, USE THE SAME TRAFFIC CONTROL AS THE PREVIOUS STAGE FOR THAT SEGMENT.
9) TRAFFIC CONTROL DRUM SPACING SHALL BE 50' UNLESS OTHERWISE NOTED.
10) 16" X 16" ORANGE FLAGS SHALL BE INCIDENTAL TO TRAFFIC CONTROL SIGN BID ITEM FOR STOP SIGNS.
11) INSTALL PROPOSED TRAFFIC CONTROL SIGNS ON BOTH OUTSIDE SHOULDER AND MEDIAN SIDE OF ALL DIVIDED ROADWAYS.
12) TEMPORARY SIGNING SHALL NOT BE ATTACHED TO DECORATIVE LIGHT POLES.

TRAFFIC CONTROL DEVICES LEGEND

- TYPE II / III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- TRAFFIC CONTROL 42-INCH CONE
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- CONNECTED ARROW BOARD
- (S) — CONNECTED WORK ZONE START LOCATION MARKER
- (E) — CONNECTED WORK ZONE END LOCATION MARKER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (VEHICULAR TRAFFIC)
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH
- TEMPORARY AUDIBLE MESSAGE DEVICES
- EPM — EXISTING PAVEMENT MARKING
- REMOVING PAVEMENT MARKING
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE

TEMPORARY PAVEMENT MARKING LEGEND

- TE6Y — TEMPORARY MARKING LINE EPOXY 6-INCH (YELLOW)
- TE6W — TEMPORARY MARKING LINE EPOXY 6-INCH (WHITE)
- TE6DW — TEMPORARY MARKING LINE EPOXY 6-INCH (DASHED WHITE) (12.5' LINE, 37.5' SKIP)
- TE6DP — TEMPORARY MARKING LINE EPOXY 6-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- TT6Y — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (YELLOW)
- TT6W — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (WHITE)
- TT6DW — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DASHED WHITE) (12.5' LINE, 37.5' SKIP)
- TT6DP — TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH (DOT PATTERN WHITE) (3' LINE, 9' SKIP)
- TE10W — TEMPORARY MARKING LINE EPOXY 10-INCH (WHITE)
- TT10W — TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH (WHITE)
- TECW — TEMPORARY MARKING CROSSWALK EPOXY 6-INCH
- TTCW — TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH
- TEA — TEMPORARY MARKING ARROW EPOXY
- TTA — TEMPORARY MARKING ARROW REMOVABLE TAPE
- TESL — TEMPORARY MARKING STOP LINE EPOXY 18-INCH
- TTSL — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

NOTE

- ANY TEMPORAY MARKINGS SHOWN IN STAGING PLANS IN DARK GRAY WERE INSTALLED IN PREVIOUS STAGE AND CAN REMAIN IN PLACE.

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL AND NOTES	SHEET 336	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 01-tcnotes
PLOT DATE : 9/28/2026 9:49 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 42

2

LEGEND

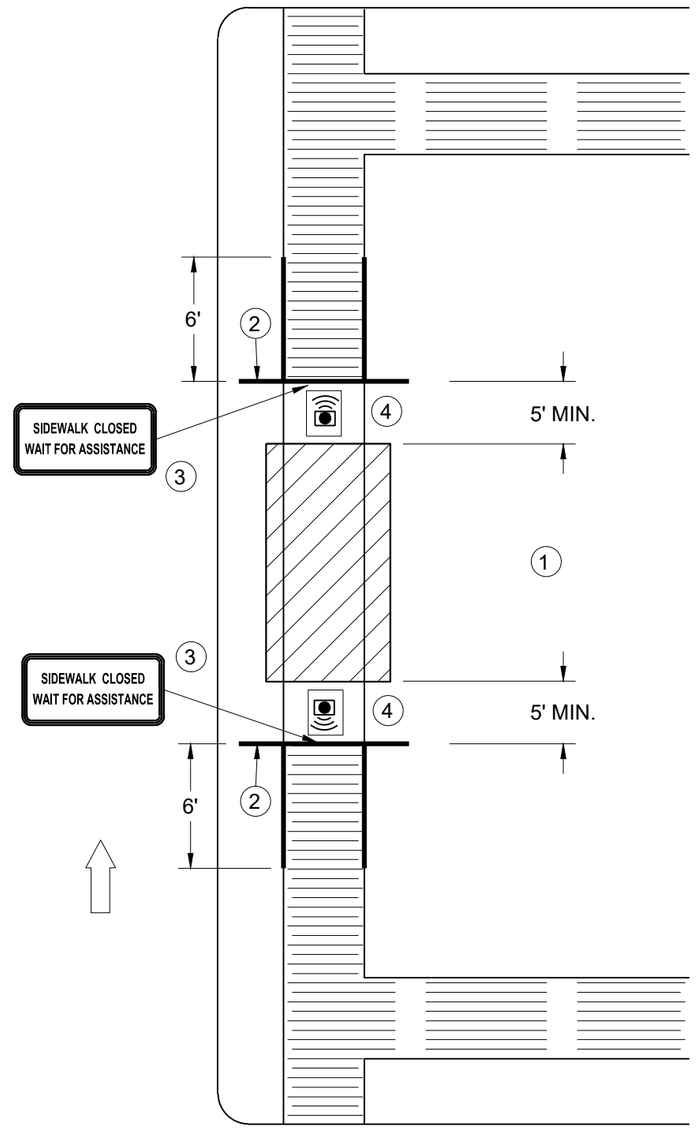
WORK AREA

UNDER PEDESTRIAN TRAFFIC

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

1. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

2. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN. SIGNS MAY BE MOUNTED ON TEMPORARY PEDESTRIAN BARRICADE.

4. TEMPORARY AUDIBLE MESSAGE DEVICE MESSAGE PLAN:
"SIDEWALK CLOSED. WAIT FOR ASSISTANCE."

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - TEMPORARY PEDESTRIAN FLAGGING DETAIL	SHEET 337	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\025200-TC_DETAIL-PED FLAGGING.DWG
LAYOUT NAME - 00-tc ped flagging det
PLOT DATE : 7/30/2026 11:12 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

STAGE 1A - CONSTRUCTION

- INSTALL SANITARY SEWER AND WATER IMPROVEMENTS WITHIN LANE 2 OF STH 50 WB AND AT FOREST ST INTERSECTION.
- CONSTRUCT CURB LINE ALONG NORTH HALF OF STH 50 AND CURB RETURN AT FOREST ST.
- CONSTRUCT PAVEMENT REPLACEMENT UP TO TOP OF SURFACE COURSE WITHIN WORK ZONE.
- COMPLETE STAGE 1A CONSTRUCTION BEFORE STAGE 2A CONSTRUCTION BEGINS.

STAGE 1A - TRAFFIC

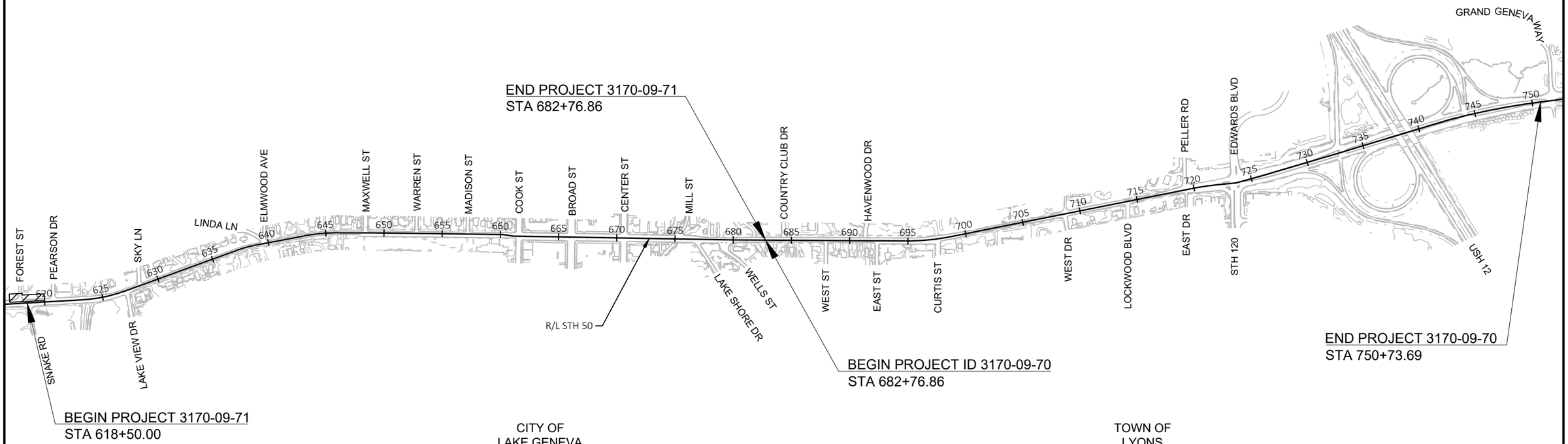
- STH 50 REDUCED TO ONE LANE IN EACH DIRECTION ADJACENT TO WORK ZONE.
- FOREST ST INTERSECTION TO BE CLOSED. TRAFFIC WILL BE DETOURED TO FRANCIS DR, PEARSON ST.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

LEGEND

WORK AREA

N

2



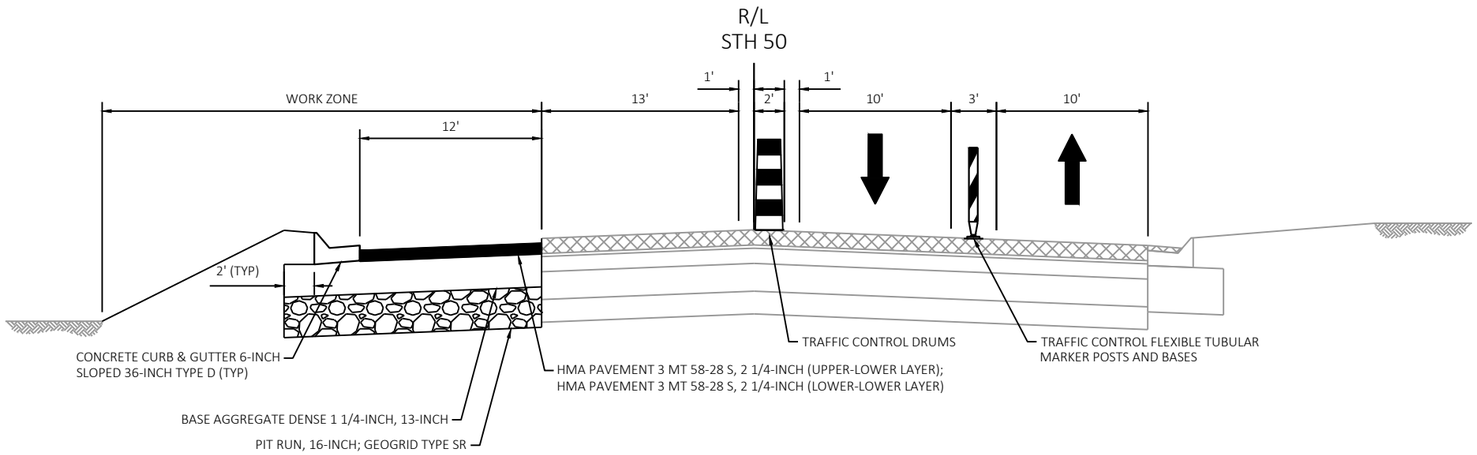
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1A OVERVIEW	SHEET 338	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026100-S1A_OVERVIEW.DWG
LAYOUT NAME - 01a-tc over

PLOT DATE : 8/1/2026 11:05 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

WISDOT/CADDS SHEET 42

2



STAGE 1A TYPICAL SECTION

STH 50

STA 616+00 TO STA 620+00

2

ROAD CLOSED AHEAD
W20-3A

500'

ROAD CLOSED 500 FT
W20-3D

500'

ROAD CLOSED
R11-2
48"X30"

STAGGER TRAFFIC CONTROL BARRICADES TYPE III AT SOUTH LEG OF INTERSECTION OF FOREST ST AND FRANCIS DR TO ALLOW ACCESS FOR RESIDENTS

N

WO1-6
48"X24"

WO1-4R

ROAD CLOSED
R11-2
48"X30"

LANE CLOSED
R11-2L
48"X30"

FOREST ST

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

+55.00
2.00' LT

+55.00
14.00' LT

+55.00
2.00' RT

+99.02
14.00' LT

R/L STH 50

50'
TYP

STH 50

606 608 610 612 614 616 618

TT6Y

50'
TYP

540' MERGING TAPER

+95.00
16.00' RT

EXIST R/W

+99.98
13.00' RT

25'
TYP

50'
TYP

10'

+13.83
14.50' RT

+08.58
14.50' RT

RIPRAP

SNAKE RD

500'

MATCH LINE STA 619+75

500' 500' 500'

ROAD WORK AHEAD
W20-1A

LEFT LANE CLOSED AHEAD
W20-5SA

WO4-2L

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1A PLAN (VEHICLES)	SHEET 340	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026102-S1A_PLAN.DWG
LAYOUT NAME - 01a-tc plan-01

PLOT DATE : 9/23/2026 8:53 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

PEARSON DR

500'

WO1-6
48"X24"

LANE CLOSED
R11-2L
48"X30"

MATCH LINE STA 619+75

620

25'
TYP

+44.33
14.50' RT

622

3'

10'

50'

+15.38
14.50' RT
TYP

STOP
R1-1
30"X30"

TESL

EXIST R/W

+77.25
13.00' RT

R1000'

EXIST R/W

25'
TYP

624

+77.25
16.00' RT

+00.00
0.00'

TT6Y

TE6W

WO1-4L

200'

220'

SKY LN

626

628

630

632

634

N

LINDA LN

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

RIPRAP

(E)

INL

END ROAD WORK
G20-2A
48"X24"

500'

LAKE VIEW DR

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 1A PLAN (VEHICLES)	SHEET 341	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026102-S1A_PLAN.DWG
LAYOUT NAME - 01a-tc plan-02

PLOT DATE : 9/23/2026 8:53 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

STAGE 2A - CONSTRUCTION

- CONTINUE INSTALLATION OF WATER MAIN CROSSING OF STH 50 AT SNAKE ROAD INTERSECTION.
- CONSTRUCT PAVEMENT REPLACEMENT UP TO TOP OF SURFACE COURSE WITHIN WORK ZONE.
- THE DODGE ST DETOUR MUST BE IN PLACE BEFORE STAGE 2A/2B/2C WORK BEGINS.

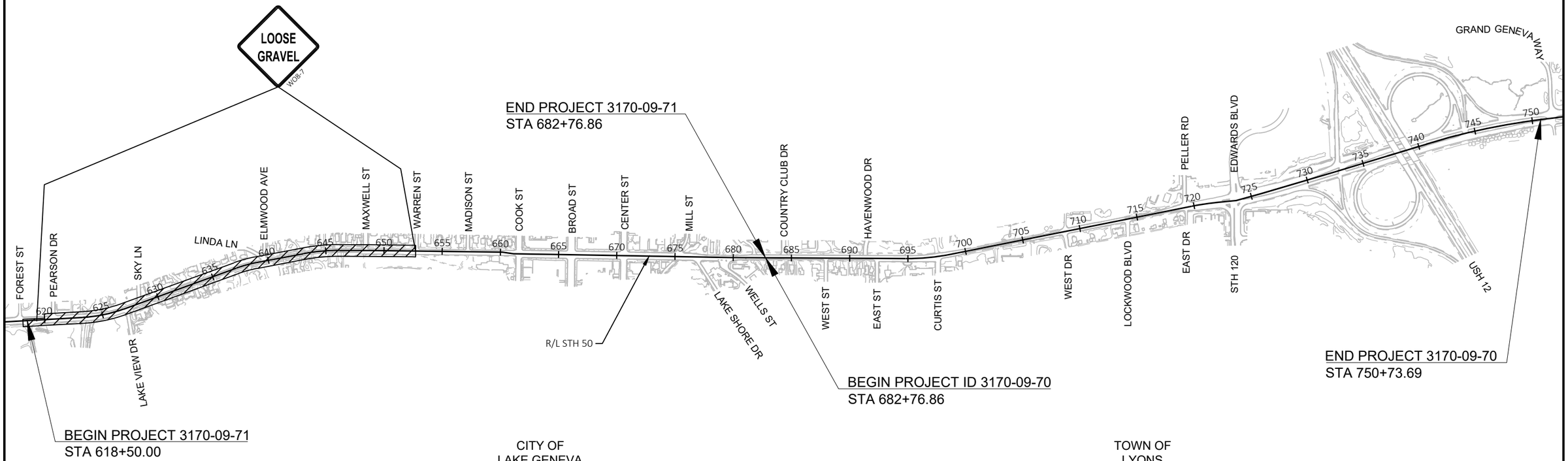
STAGE 2A - TRAFFIC

- STH 50 THROUGH TRAFFIC ON DETOUR ROUTE (FOREST ST, DODGE ST, BROAD ST).
- SNAKE RD INTERSECTION TO BE CLOSED. TRAFFIC WILL BE DETOURED ALONG SNAKE RD TO WEST END INTERSECTION WITH STH 50.
- STH 50 OPEN TO LOCAL TRAFFIC ONLY WITHIN THE LIMITS OF THE DODGE ST DETOUR.
- LAKE VIEW DR ACCESS TO BE MAINTAINED AT ALL TIMES ON TEMPORARY DRIVING SURFACE WEST OF SANITARY SEWER INSTALLATION.
- STH 50 OPEN TO TRAFFIC BETWEEN WARREN ST TO COOK ST.
- STREET PARKING ON STH 50 BETWEEN WARREN ST AND COOK ST TO REMAIN. ANY PARKING WITHIN WORK ZONE TO BE REMOVED DURING CONSTRUCTION.
- BOTH ENDS OF STH 50 MUST BE OPEN TO LOCAL TRAFFIC WITHIN THE WORK ZONE, AND CONTINUOUS ACCESS PROVIDED THROUGH THE WORK ZONE UNLESS APPROVED BY THE ENGINEER.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



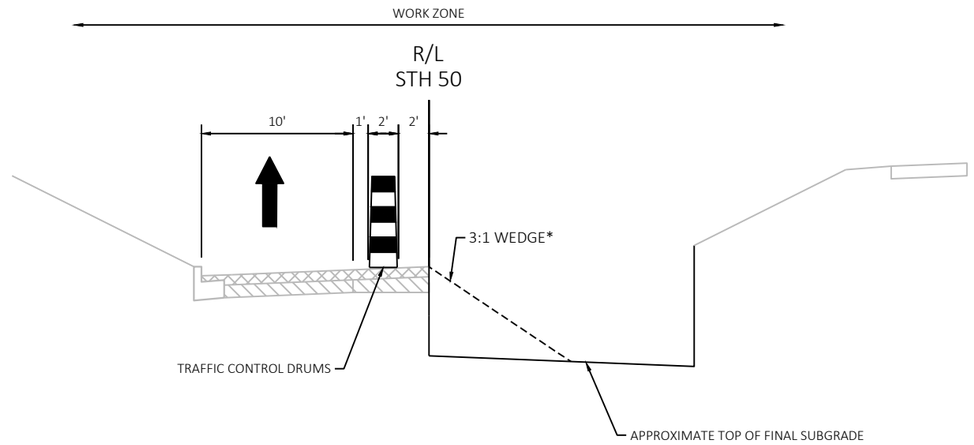
NOTE

- SEE "DETOUR - STAGE 2A (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES AT WORK ZONE LIMITS FOR STH 50 AND SIDE ROADS.

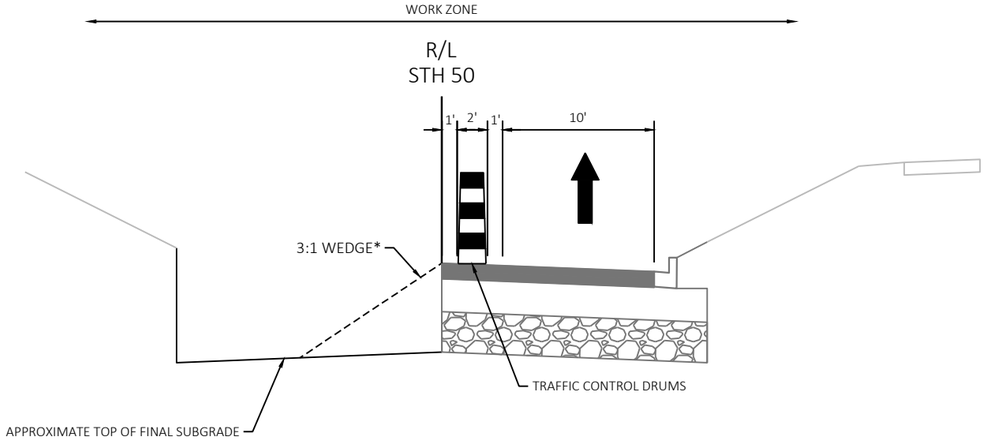
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2A OVERVIEW	SHEET 342	E

NOTE

- A 3:1 WEDGE MUST BE MAINTAINED TO ELIMINATE VERTICAL DROP OFFS IF DRUMS ARE UTILIZED. CONSTRUCTION AND MATERIAL SELECTION OF THE WEDGE IS INCIDENTAL TO THE CONTRACT PER WISDOT STANDARD SPECIFICATION 104.6.1.2.3.



STAGE 2A/B TYPICAL SECTION
STH 50
STA 627+50 TO STA 652+52



STAGE 2A/B TYPICAL SECTION
STH 50
STA 627+50 TO STA 652+52

2

END ROAD WORK
G20-2A
48"X24"

STH 50 CLOSED DURING STAGES 2A/B/C; SEE "DETOUR - STAGE 2A (FOREST ST TO BROAD ST)", "DETOUR - STAGE 2A (FOREST ST TO BROAD ST)", "DETOUR - STAGE 2A (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES

EXIST R/W

540' MERGING TAPER

R/L STH 50

TT6DW

606 STH 50 608 610 612 614

+33.76
25.54' RT

TT6W

EXIST R/W

500' 500' 500'

ROAD WORK AHEAD W20-1A

RIGHT LANE CLOSED AHEAD W20-5A

W04-2R

FOREST ST

50' TYP

616 618 620

+73.76
13.57' RT

SNAKE RD CLOSED DURING STAGE 2A; SEE "DETOUR - STAGE 2A (SNAKE RD)" FOR ADDITIONAL SIGNING AND DEVICES

SNAKE RD

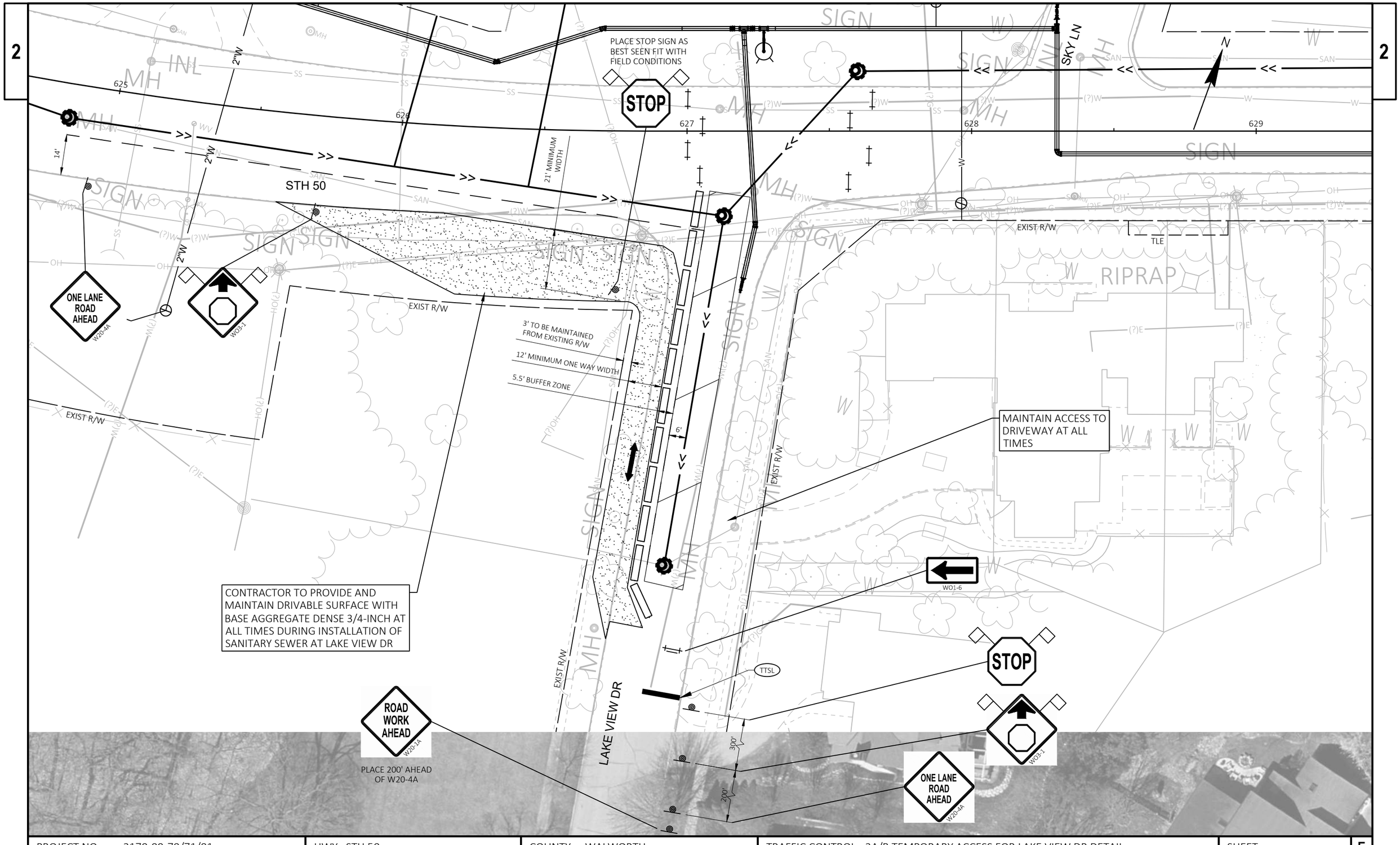
SIGN MH RIPRAP

N

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - 2A/B/C/D WEST END WORK ZONE LANE DROP DETAIL	SHEET 344	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026202-S2A_DETAIL-LANE DROP.DWG
LAYOUT NAME - 02a-tc det lane drop-01

PLOT DATE : 8/1/2026 8:15 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - 2A/B TEMPORARY ACCESS FOR LAKE VIEW DR DETAIL	SHEET 345	E

STAGE 2B - CONSTRUCTION

- CONTINUE INSTALLATION OF SANITARY SEWER AND WATER MAIN IMPROVEMENTS.
- INSTALL STORM SEWER.
- RECONSTRUCT CURB RAMPS.
- INSTALL TEMPORARY TRAFFIC SIGNALS AT COOK ST, BROAD ST, CENTER ST, AND WELLS ST. COORDINATE TRAFFIC CONTROL AND LANE CLOSURES REQUIRED FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION WITH THE ENGINEER. THIS WORK IS INCIDENTAL TO THE TRAFFIC CONTROL BID ITEMS.
- CONSTRUCT PAVEMENT REPLACEMENT UP TO BOTTOM OF SURFACE COURSE FROM STA 618+50 TO STA 652+49.

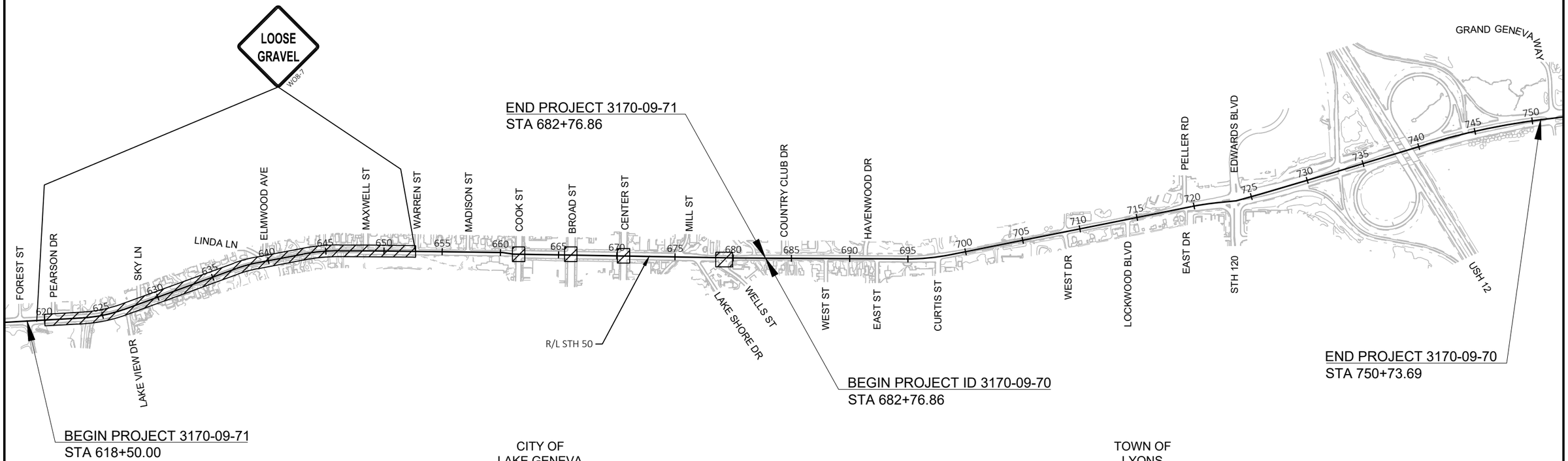
STAGE 2B - TRAFFIC

- STH 50 THROUGH TRAFFIC ON DETOUR ROUTE INSTALLED IN STAGE 2A.
- STH 50 TRAFFIC AND PARKING WITHIN WORK ZONE TO REMAIN IN STAGE 2A CONFIGURATION.
- STH 50 OPEN TO LOCAL TRAFFIC ONLY WITHIN THE LIMITS OF THE DODGE ST DETOUR.
- BOTH ENDS OF STH 50 MUST BE OPEN TO LOCAL TRAFFIC WITHIN THE WORK ZONE, AND CONTINUOUS ACCESS PROVIDED THROUGH THE WORK ZONE UNLESS APPROVED BY THE ENGINEER.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



NOTE

- SEE "DETOUR - STAGE 2B (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES AT WORK ZONE LIMITS FOR STH 50 AND SIDE ROADS.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2B OVERVIEW	SHEET 346	E

2

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 2B-1)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

N

2

DETOUR M4-9BL 30"X24"
SIDEWALK CLOSED AHEAD R9-9A 30"X18" M4-60D 30"X24"
DETOUR M4-9BR 30"X24"
DETOUR M4-9BL 30"X24"
DETOUR M4-9BR 30"X24"
SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR M4-9BL 30"X24"
SIDEWALK CLOSED AHEAD R9-9A 30"X18" M4-60D 30"X24"
DETOUR M4-9BL 30"X24"
SIDEWALK CLOSED R9-9 24"X12"
SIDEWALK CLOSED R9-9 24"X12"
SIDEWALK CLOSED R9-9 24"X12"
DETOUR M4-9BR 30"X24"
DETOUR M4-9BL 30"X24"
SIDEWALK CLOSED AHEAD R9-9A 30"X18" M4-60D 30"X24"
DETOUR M4-9BR 30"X24"
M4-60D 30"X24"

GENEVA ST
MAXWELL ST
WARREN ST
R/L STH 50
MADISON ST
COOK ST
STH 50
648
650
652
654
656
658
660
662
FLAG FLAG FLAG

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2B-1 PLAN (PEDESTRIANS)	SHEET 347	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026210-S2B1_PED.DWG
LAYOUT NAME - 02b1-tc ped
PLOT DATE : 9/28/2026 1:57 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 2B-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

N

SKY LN

TEMPORARY PEDESTRIAN CURB RAMP;
TEMPORARY DETECTABLE WARNING FIELD;
CURB ELEVATION AT CENTER OF TEMPORARY
PEDESTRIAN CURB RAMP: 940.468 (FINISHED ELEVATION)
MAXIMUM SLOPE: 8.33%
LENGTH: AS NEEDED PER WORK OPERATION

R/L STH 50

STH 50

628

626

RIPRAP

M4-60R
30"X24"

M4-60L
30"X24"

LAKE VIEW DR

TEMPORARY PEDESTRIAN CURB RAMP;
TEMPORARY DETECTABLE WARNING FIELD
CURB ELEVATION AT CENTER OF TEMPORARY
PEDESTRIAN CURB RAMP: 935.399' (EXISTING ELEVATION)
MAXIMUM SLOPE: 8.33%
LENGTH: AS NEEDED PER WORK OPERATION

N

ELMWOOD AVE

TEMPORARY PEDESTRIAN CURB RAMP;
TEMPORARY DETECTABLE WARNING FIELD;
CURB ELEVATION AT CENTER OF TEMPORARY
PEDESTRIAN CURB RAMP: 884.716 (FINISHED ELEVATION)
MAXIMUM SLOPE: 8.33%
LENGTH: AS NEEDED PER WORK OPERATION

TEMPORARY PEDESTRIAN CURB RAMP;
TEMPORARY DETECTABLE WARNING FIELD;
CURB ELEVATION AT CENTER OF TEMPORARY
PEDESTRIAN CURB RAMP: 884.716 (FINISHED ELEVATION)
MAXIMUM SLOPE: 8.33%
LENGTH: AS NEEDED PER WORK OPERATION

M4-60R
30"X24"

M4-60L
30"X24"

LINDA LN

R/L STH 50

STH 50

642

640

884.716

TEMPORARY DETECTABLE
WARNING FIELD

M4-60R
30"X24"

M4-60L
30"X24"

SEE "TRAFFIC CONTROL - TEMPORARY PEDESTRIAN FLAGGING DETAIL" TO TRAVERSE PEDESTRIANS THROUGH AREA DURING WORK OPERATIONS.

CONSTRUCT THE SOUTH SIDE CURB RAMP PRIOR TO STARTING CONSTRUCTION AT THE NORTHWEST QUADRANT OF MAXWELL STREET, TO ALLOW PEDESTRIANS TO CROSS STH 50.

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2B-2 PLAN (PEDESTRIANS)	SHEET 348	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026211-S2B2_PED.DWG
LAYOUT NAME - 02b2-tc ped-1
PLOT DATE : 9/28/2026 10:08 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 2B-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

N

2

GENEVA ST

MAXWELL ST

WARREN ST

MADISON ST

COOK ST

R/L STH 50

STH 50

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

M4-60D
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

FLAG

648 650 652 654 656 658 660 662

CONSTRUCT THE SOUTH SIDE CURB RAMP AT ELMWOOD AVE PRIOR TO STARTING CONSTRUCTION AT THIS RAMP TO ALLOW PEDESTRIANS TO CROSS STH 50.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2B-2 PLAN (PEDESTRIANS)	SHEET 349	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026211-S2B2_PED.DWG
LAYOUT NAME - 02b2-tc ped-2

PLOT DATE : 9/28/2026 10:08 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

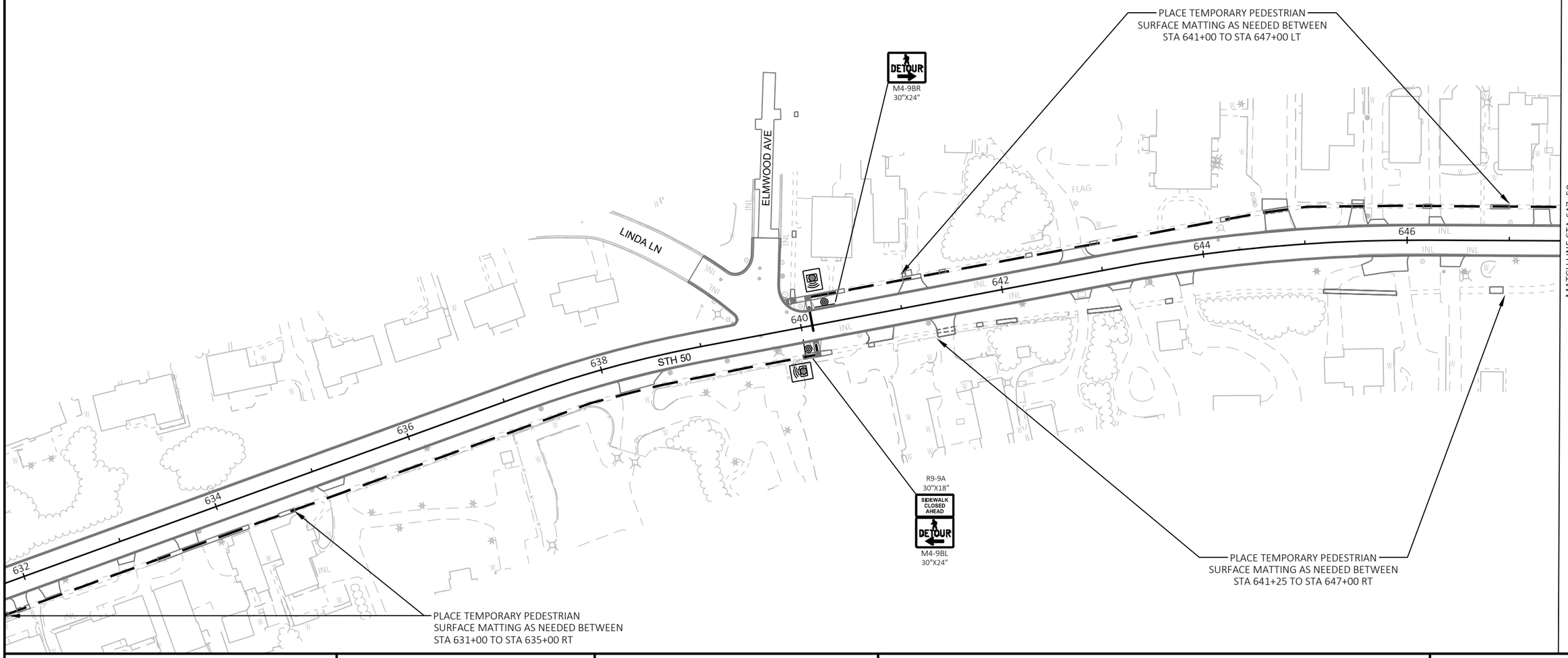
TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 2B-3)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

N



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2B-3 PLAN (PEDESTRIANS)	SHEET 350	E

2

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 2B-3)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

N

2

GENEVA ST

MAXWELL ST

WARREN ST

MADISON ST

COOK ST

R/L STH 50

STH 50

MATCH LINE STA 647+50

M4-60D 30"X24"

M4-9BR 30"X24"

M4-60R 30"X24"

M4-60L 30"X24"

M4-9BL 30"X24"

R9-9 24"X12"

SIDEWALK CLOSED

DETOUR

FLAG

648 650 652 654 656 658 660 662

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2B-3 PLAN (PEDESTRIANS)	SHEET 351	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026212-S2B3_PED.DWG
LAYOUT NAME - 02b3-tc ped-2

PLOT DATE : 9/28/2026 10:08 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

STAGE 2C - CONSTRUCTION

- COMPLETE STAGE 2A AND STAGE 2B CONSTRUCTION BEFORE PROCEEDING TO STAGE 2C UNLESS APPROVED BY THE ENGINEER.
- CONTINUE INSTALLATION OF SANITARY SEWER AND WATER MAIN IMPROVEMENTS.
- RECONSTRUCT CURB RAMPS BETWEEN WARREN ST TO MADISON ST.
- INSTALL STORM SEWER STRUCTURES ALONG STH 50 AND AT WARREN ST AND MADISON ST.
- MILL EXISTING SURFACE LAYER FROM STA 652+49 TO STA 660+98.
- PLACE SURFACE LAYER FROM STA 620+32 TO STA 660+98.
- CONSTRUCT TEMPORARY WIDENING IN SW QUADRANT OF STH 50 AND COOK ST.
- PLACE TEMPORARY ASPHALTIC SURFACE IN MILLED AREA AND PEDESTRIAN WALKWAY IN SW QUADRANT OF STH 50 AND COOK STREET.
- INSTALL PARKING STALLS FROM WARREN ST TO MADISON ST.
- INSTALL RECTANGULAR RAPID FLASHING BEACONS (RRFB).

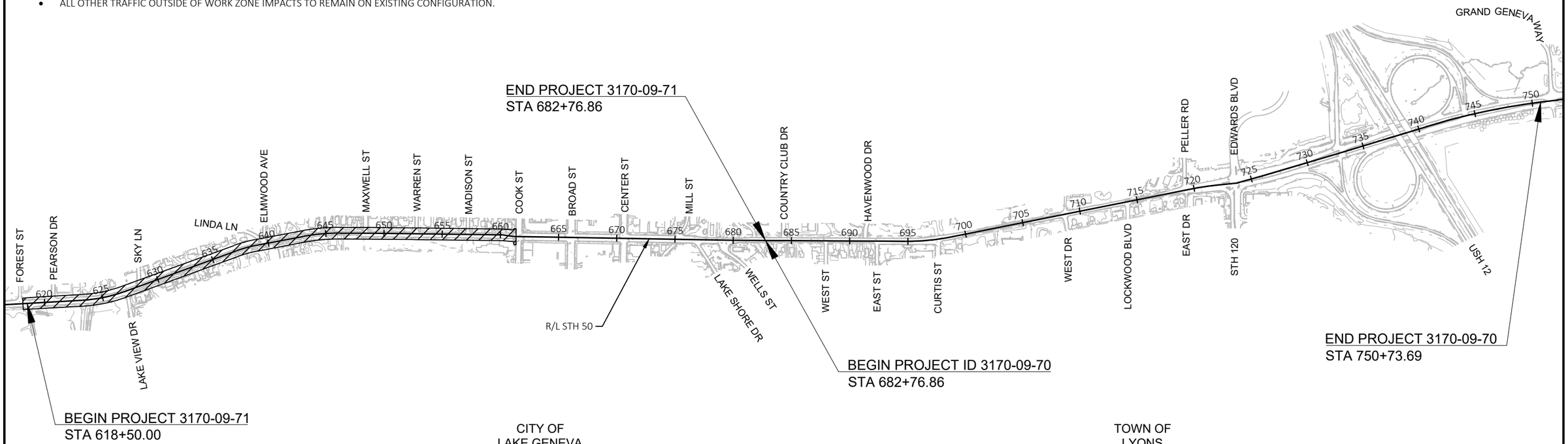
STAGE 2C - TRAFFIC

- STH 50 THROUGH TRAFFIC ON DETOUR ROUTE INSTALLED IN STAGE 2A.
- STH 50 TRAFFIC WITHIN WORK ZONE TO REMAIN IN STAGE 2A CONFIGURATION.
- NO PARKING WITHIN WORK ZONE. ON STREET PARKING FROM WARREN ST TO COOK ST WILL BE PROHIBITED.
- STH 50 OPEN TO LOCAL TRAFFIC ONLY WITHIN THE LIMITS OF THE DODGE ST DETOUR.
- BOTH ENDS OF STH 50 MUST BE OPEN TO LOCAL TRAFFIC WITHIN THE WORK ZONE, AND CONTINUOUS ACCESS PROVIDED THROUGH THE WORK ZONE UNLESS APPROVED BY THE ENGINEER.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN ON EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



NOTE

- SEE "DETOUR - STAGE 2C & 2D (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES AT WORK ZONE LIMITS FOR STH 50 AND SIDE ROADS.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2C OVERVIEW	SHEET 352	E

2

2

N

SEE "DETOUR - STAGE 2C & 2D (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES

R11-2
48" X 30"
ROAD CLOSED
TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

R3-6L
30"X36"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

SEE "DETOUR - STAGE 2C & 2D (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES

COOK ST

BROAD ST

MADISON ST

ONLY ONLY
R3-8LR
36"X30"

DETOUR
M4-9R
30"X24"

R/L STH 50

+15.90
26.72' RT

EXIST R/W

654 656 658 660 662 664 666 668

STH 50

EXIST R/W

EXIST R/W

+03.78
27.55' RT

+01.82
27.83' RT

6'

R20

EPM
TYP

+35.09
46.65' RT

500'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

WRIGLEY DR

FLAG FLAG FLAG

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2C PLAN (VEHICLES)	SHEET 353	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026222-S2C_PLAN.DWG
LAYOUT NAME - 02c-tc plan-01

PLOT DATE : 8/3/2026 12:36 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 2C)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

MADISON ST

COOK ST

STH 50

656 658 660 662

INL

DETAIL

N

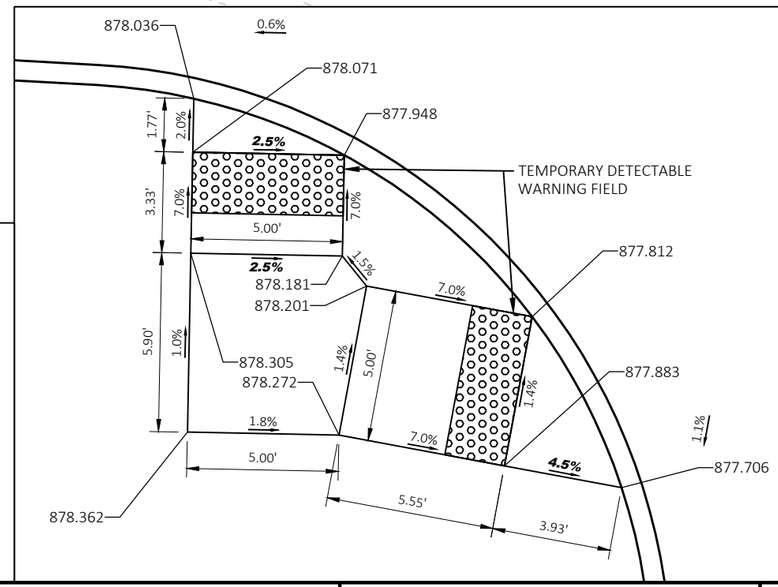
M4-9BR 30"X24"

M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

SIDEWALK CLOSED R9-9 24"X12"

WRIGLEY DR



TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2C PLAN (PEDESTRIANS)	SHEET 354	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026223-S2C_PED.DWG
LAYOUT NAME - 02c-tc ped-01

PLOT DATE : 9/28/2026 10:18 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

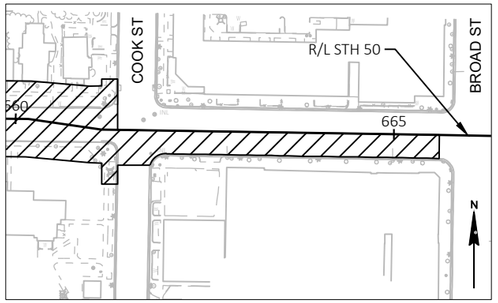
STAGE 2D - CONSTRUCTION

- MILL EXISTING SURFACE LAYER OF EB TRAFFIC AND EB PARKING LANE FROM COOK ST TO BROAD ST.
- PLACE TEMPORARY ASPHALTIC SURFACE IN MILLED AREA.
- REMOVE WB EXISTING PAVEMENT MARKINGS FROM COOK ST TO BROAD ST.

STAGE 2D - TRAFFIC

- STH 50 THROUGH TRAFFIC ON DETOUR ROUTE INSTALLED IN STAGE 2A.
- STH 50 TRAFFIC WITHIN WORK ZONE TO REMAIN IN STAGE 2A CONFIGURATION.
- NO PARKING WITHIN WORK ZONE. ON STREET PARKING FROM WARREN ST TO BROAD ST WILL BE PROHIBITED.
- CLOSE COOK ST AT STH 50.

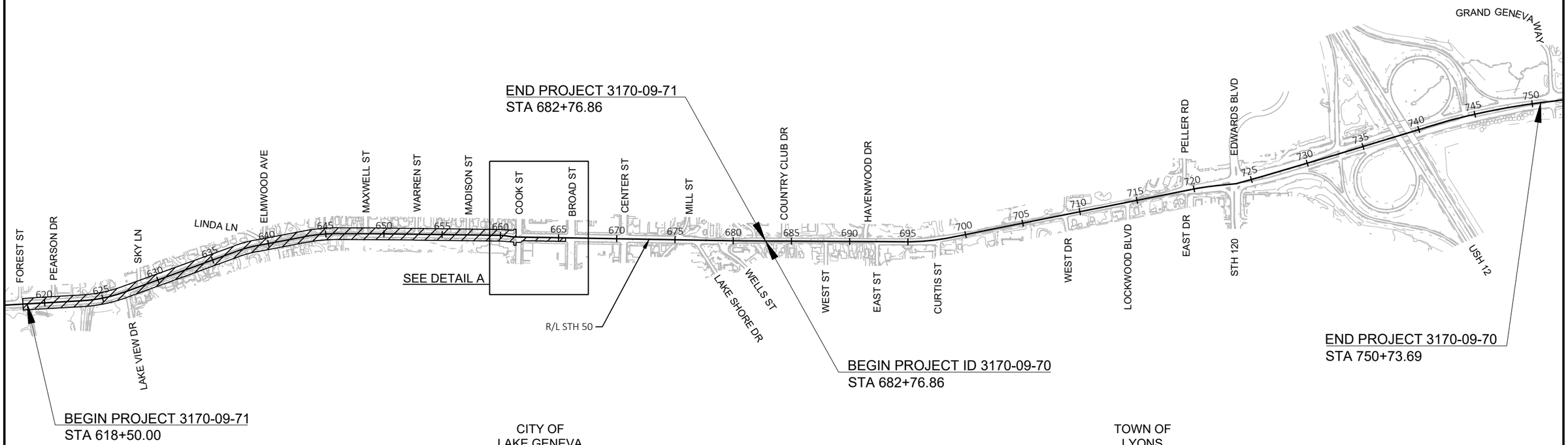
DETAIL A



LEGEND

WORK AREA

N



NOTE

- SEE "DETOUR - STAGE 2C & 2D (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES AT WORK ZONE LIMITS FOR STH 50 AND SIDE ROADS.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2D OVERVIEW	SHEET 355	E

2

2

N

SEE "DETOUR - STAGE 2C & 2D (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES

R11-2
48" X 30"
ROAD CLOSED

TYPE III BARRICADE

ROAD CLOSED AHEAD
W20-3A

COOK ST

END ROAD WORK
G20-2A
48"X24"

R11-4
60" X 30"
ROAD CLOSED TO THRU TRAFFIC

TYPE III BARRICADE

ROAD WORK AHEAD
W20-1A

ONLY ONLY
R3-8AR
36"X30"

LANE CLOSED
R11-2L
48"X30"

DETOUR
M4-9R
30"X24"

BROAD ST

END ROAD WORK
G20-2A
48"X24"

SEE "DETOUR - STAGE 2C & 2D (FOREST ST TO BROAD ST)" FOR ADDITIONAL SIGNING AND DEVICES

COVERING SIGNS TYPE II

ONLY ONLY
R3-8AR
36"X30"

MADISON ST

+19.60
0.00
+19.60
14.83' RT

EXIST R/W

R/L STH 50

EXIST R/W

654 656 658 660 662 STH 50 664 666 668

EXIST R/W

+03.78
27.55' RT

+35.09
46.65' RT

+78.65
46.18' RT

EXIST R/W

+60.13
0.00' RT

+60.02
31.15' RT

EPM
TYP

500'

LANE CLOSED
R11-2L
48"X30"

COVERING SIGNS TYPE II

ONLY ONLY
R3-8AR
36"X30"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

WRIGLEY DR

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2D PLAN (VEHICLES)	SHEET 356	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026232-S2D_PLAN.DWG
LAYOUT NAME - 02d-tc plan-01

PLOT DATE : 8/3/2026 12:44 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 2D)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

2

2

N

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

MADISON ST

COOK ST

BROAD ST

CENTER ST

EXIST R/W

R/L STH 50

658 660 662 664 666 668 670 672

STH 50

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9R
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

EXIST R/W

EXIST R/W

EXIST R/W

INL

W

FLAG

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 2D PLAN (PEDESTRIANS)	SHEET 357	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026233-S2D_PED.DWG
LAYOUT NAME - 02d-tc ped-01

PLOT DATE : 9/28/2026 10:18 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

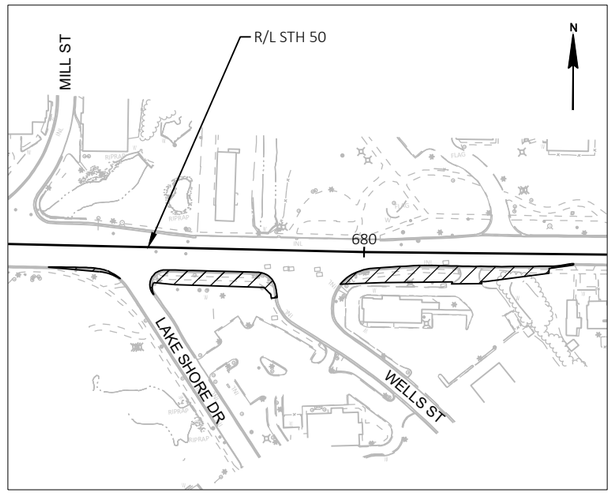
STAGE 3A - CONSTRUCTION

- COMPLETE STAGE 2D WORK BEFORE PROCEEDING TO STAGE 3A UNLESS APPROVED BY THE ENGINEER. CONSTRUCT TEMPORARY WIDENING AND PEDESTRIAN TRAVEL WAYS FOR STH 50 EB TRAFFIC.
- REMOVE EXISTING PAVEMENT MARKING THAT CONFLICT WITH STAGE 3A TRAFFIC CONTROL.
- INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 3A.
- INSTALL TEMPORARY DRAINAGE AT TEMPORARY WIDENING LOCATIONS.
- INSTALL RRFB AT WEST STREET SO THAT IT IS OPERATIONAL BEFORE STAGE 4A.

STAGE 3A - TRAFFIC

- REMOVE DETOUR ALONG FOREST ST, DODGE ST, BROAD ST.
- MAINTAIN ONE LANE OF THROUGH TRAFFIC ON STH 50 IN EACH DIRECTION
- SHIFT TRAFFIC TO NORTH HALF OF STH 50.
- COMBINE EB THROUGH AND RIGHT TURN LANES AT LAKE SHORE DR AND WELLS ST.
- COMBINE WB THROUGH AND LEFT TURN LANE AT WELLS ST.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

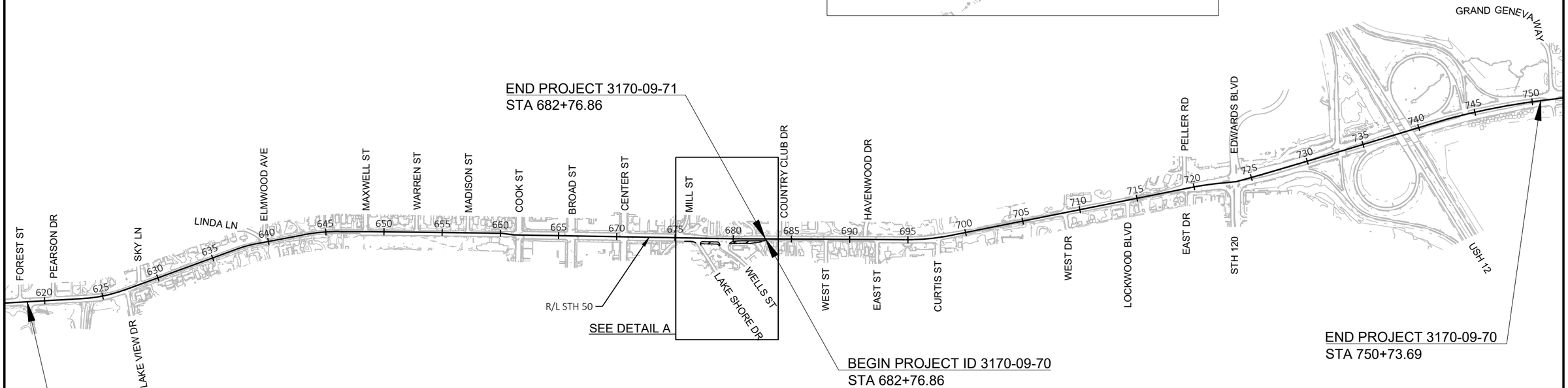
DETAIL A



LEGEND

WORK AREA

N



END PROJECT 3170-09-71
STA 682+76.86

BEGIN PROJECT ID 3170-09-70
STA 682+76.86

END PROJECT 3170-09-70
STA 750+73.69

BEGIN PROJECT 3170-09-71
STA 618+50.00

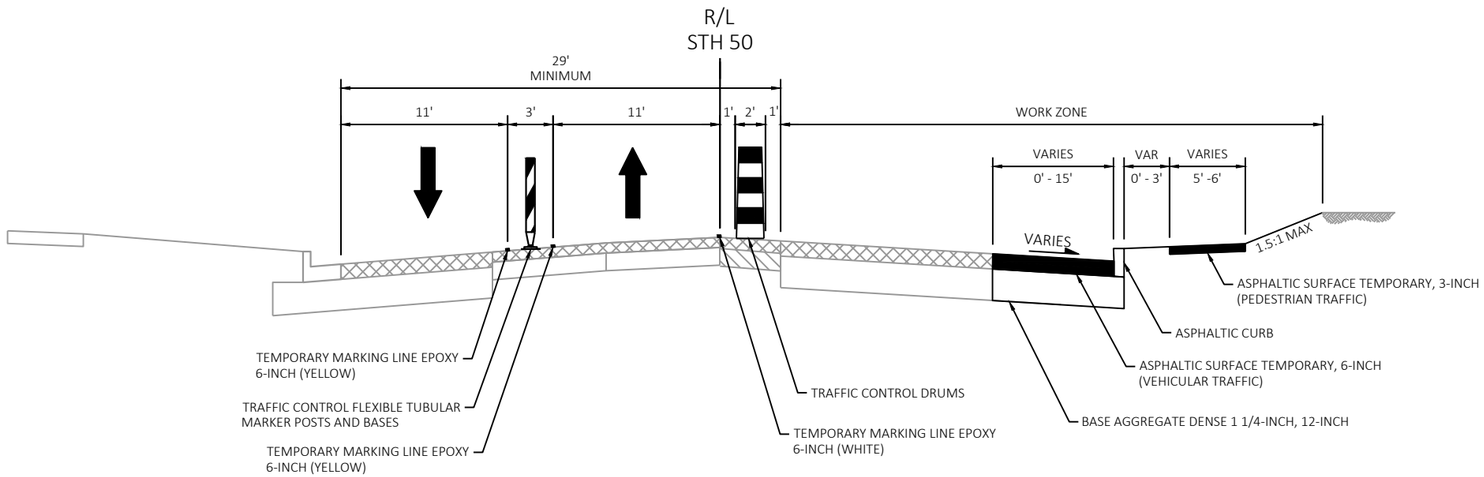
CITY OF
LAKE GENEVA

TOWN OF
LYONS

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3A OVERVIEW	SHEET 358	E

2



STAGE 3A TYPICAL SECTION

STH 50

STA 675+32 TO STA 684+19

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3A TYPICAL SECTION	SHEET 359	E

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

LANE CLOSED
R11-2L
48"X30"

ONLY
R3-5R
30"X36"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD WORK 500 FT
W20-1D

ROAD WORK AHEAD
W20-1A

PCMS

END ROAD WORK
G20-2A
48"X24"

MILL ST

R/L STH 50

COUNTRY CLUB DR

500'

500'

500'

+29.52
17.90' R

+59.63
17.48' R

+55.74
10.54' L

+68.58
1.96' R

TESL

TE6W

TE6Y

TE6DP

EPM

EPM

TE6W

50' TYP.

+01.10
0.00'

+02.01
12.52' R

+86.70
35.42' R

+70.49
45.45' R

+76.13
16.87' R

11', 2', 11'

672

674

676

678

680

682

684

686

15' TYP.

1.5

+51.37
33.28' R

R14'

R60'

+79.11
42.19' R

+84.32
28.87' R

+24.99
61.20' R

+51.65
39.87' R

+60.86
40.83' R

+36.86
38.90' R

+84.54
62.28' R

R24'

R20'

+70.42
11.91' R

+01.50
10.54' L

+18.58
25.91' R

+59.77
30.59' R

+56.16
1.96' R

+55.61
40.13' R

+87.66
12.44' R

+76.86
13.97' R

LANE CLOSED
R11-2L
48"X30"

T-660
INLETS 4-WM
RIM ELEV: 862.77
INV ELEV: 860.41

SSPRC CLASS V 12-INCH,
INV ELEV: 860.33;
PIPE CONNECTION TO
EXISTING STRUCTURE

PCMS

500'

500'

ROAD WORK AHEAD
W20-1A

ROAD WORK 500 FT
W20-1D

LANE CLOSED
R11-2L
48"X30"

LAKE SHORE DR

500'

500'

WELLS ST

W1-6
48"X24"

ROAD WORK AHEAD
W20-1A

PLACE ROAD WORK AHEAD SIGN AT
THE INTERSECTION OF
WELLS ST AND CASS ST

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

PRIOR TO CONSTRUCTION
(7 DAYS)

PCMS MESSAGING

FRAME 1	FRAME 2
NEW TRAFFIC PATTERN	BEGINS XXXDAY XX/XX

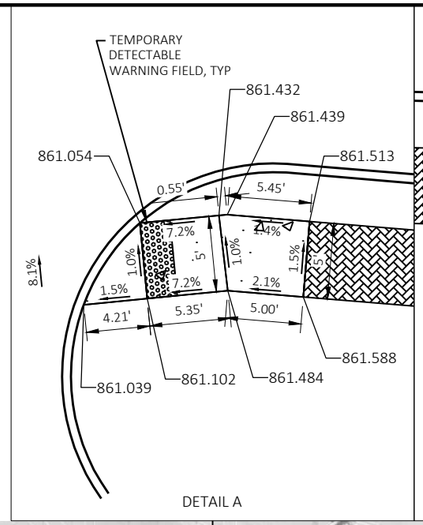
NOTES

- EXISTING PAVEMENT MARKINGS CONFLICTING WITH PROPOSED TRAFFIC PATTERN FOR STAGE REMOVED BETWEEN STA 675+30 TO STA 684+00.
- FOR SIDE ROADS PLACE ROAD WORK AHEAD SIGN 350' MAX OR AT LAST INTERSECTION WHICHEVER IS CLOSEST.

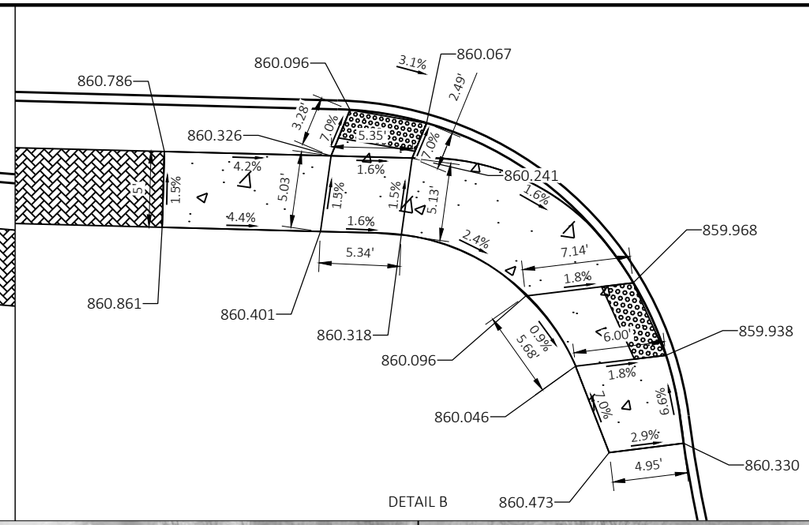
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3A PLAN (VEHICLES)	SHEET 360	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026302-S3A_PLAN.DWG
LAYOUT NAME - 03a-tc plan-01

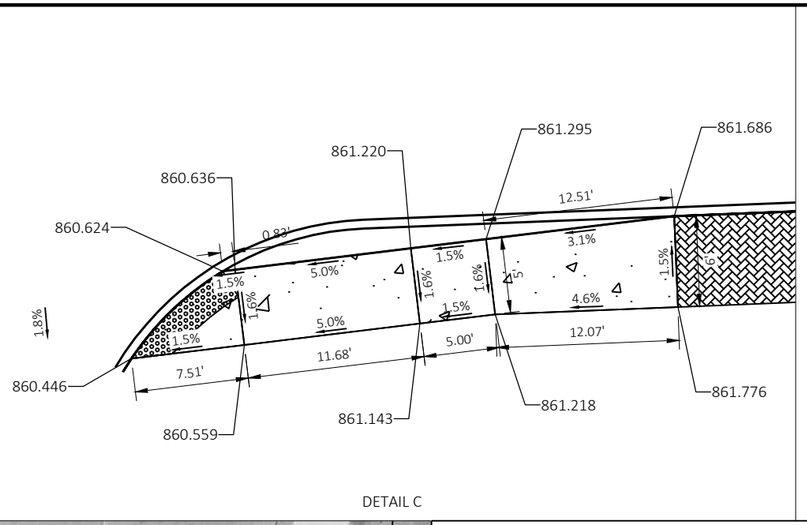
PLOT DATE : 8/3/2026 9:27 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT



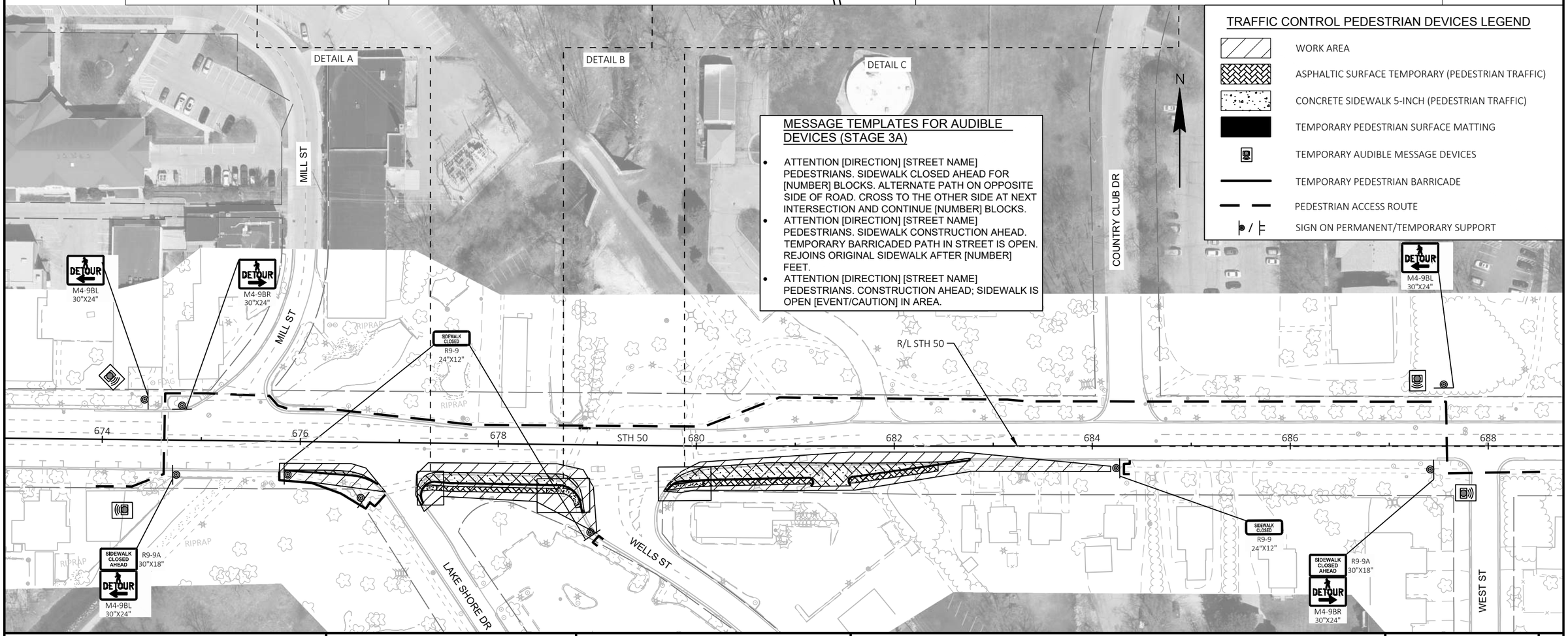
DETAIL A



DETAIL B



DETAIL C



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3A PLAN (PEDESTRIANS)	SHEET 361	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026303-S3A_PED.DWG
LAYOUT NAME - 03a-tc ped-01
PLOT DATE : 9/28/2026 2:01 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

STAGE 3B/WINTER SHUTDOWN - CONSTRUCTION

- REMOVE TRAFFIC CONTROL DEVICES FOR WINTER SHUT DOWN.
- RESTORE PARKING ALONG STH 50 TO EXISTING CONFIGURATION WITH MODIFICATIONS PER PLANS.

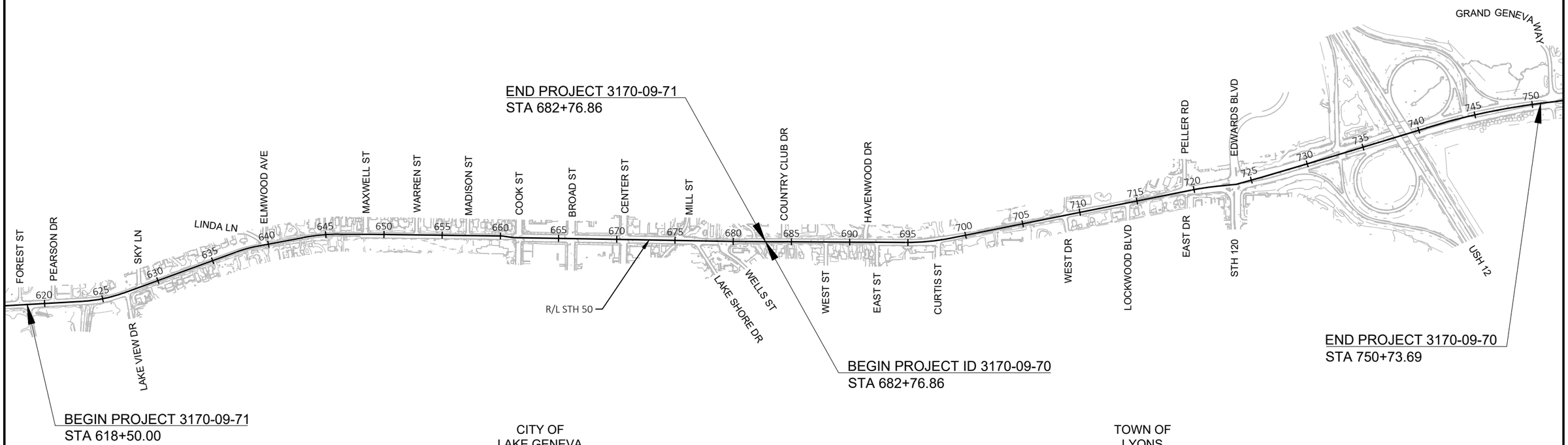
STAGE 3B/WINTER SHUTDOWN - TRAFFIC

- RESTORE TRAFFIC TO EXISTING CONFIGURATION FOR WINTER SHUT DOWN.
- PAVEMENT MARKING MODIFICATIONS AT COOK ST, LAKE SHORE DR AND WELLS ST ARE SHOWN IN THE PLANS.

LEGEND

WORK AREA

N



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3B/WINTER SHUTDOWN OVERVIEW	SHEET 362	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026310-S3B_OVERVIEW.DWG
LAYOUT NAME - 03b-tc over
PLOT DATE : 8/1/2026 10:55 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

2

N

MADISON ST

COOK ST

BROAD ST

CENTER ST

STH 50

658 660 662 664 666 668 670

9' 60° TYP 10' TYP 5' TYP 10' TYP

TT6Y TTA TE6Y EPM TYP R/L STH 50 EPM TYP EPM EPM TYP

TT6W TYP +08.50 14.00' R +67.12 7.29' R TT10W TT6W TYP +14.31 14.70' R TTSL TECW

TE6W TYP +85.74 10.77' R +85.29 23.47' R TE10W TEA +56.32 30.96' R TESL

PLACE HANDICAP SYMBOL WITH TEMPORARY MARKING TAPE WHITE

LANE CLOSED
R11-2L
48"X30"

MATCH LINE STA 671+50

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3B/WINTER SHUTDOWN PLAN (VEHICLES)	SHEET 363	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026312-S3B_PLAN.DWG
LAYOUT NAME - 03b-tc plan-01

PLOT DATE : 8/3/2026 9:20 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA 671+50

R/L STH 50

MILL ST

COUNTRY CLUB DR

STH 50

672 674 676 678 680 682 684 686

+00.65
17.81' R

+59.48
17.82' R

+65.05
11.24' L

+01.95
8.75' R

+76.13
16.87' R

+79.99
18.08' R

+08.24
21.54' R

+73.93
38.10' R

+42.47
29.02' R

+51.62
18.50' R

+84.32
28.87' R

+66.13
1.32' R

+50.57
16.02' R

+16.68
9.54' L

+97.80
0.35' R

EPM TYP

TE10W

TEA

TECW

TESL

TE6Y

TE6DP

TE6W

TT6W TYP

11.5'

12'

10' TYP

LANE CLOSED
R11-2L
48"X30"

LAKE SHORE DR

WELLS ST

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3B/WINTER SHUTDOWN PLAN (VEHICLES)	SHEET 364	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026312-S3B_PLAN.DWG
LAYOUT NAME - 03b-tc plan-02

PLOT DATE : 8/3/2026 9:21 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

STAGE 3C-1 - CONSTRUCTION

- INSTALL SANITARY SEWER AND WATER MAIN IMPROVEMENTS FROM BROAD STREET TO WEST OF WELLS STREET.
- WATER MAIN CONSTRUCTION BETWEEN STA 676+00 TO STA 678+00 TO BE COMPLETED IN STAGE 3C-3. EXACT LIMITS ARE SHOWN IN THE PLANS.

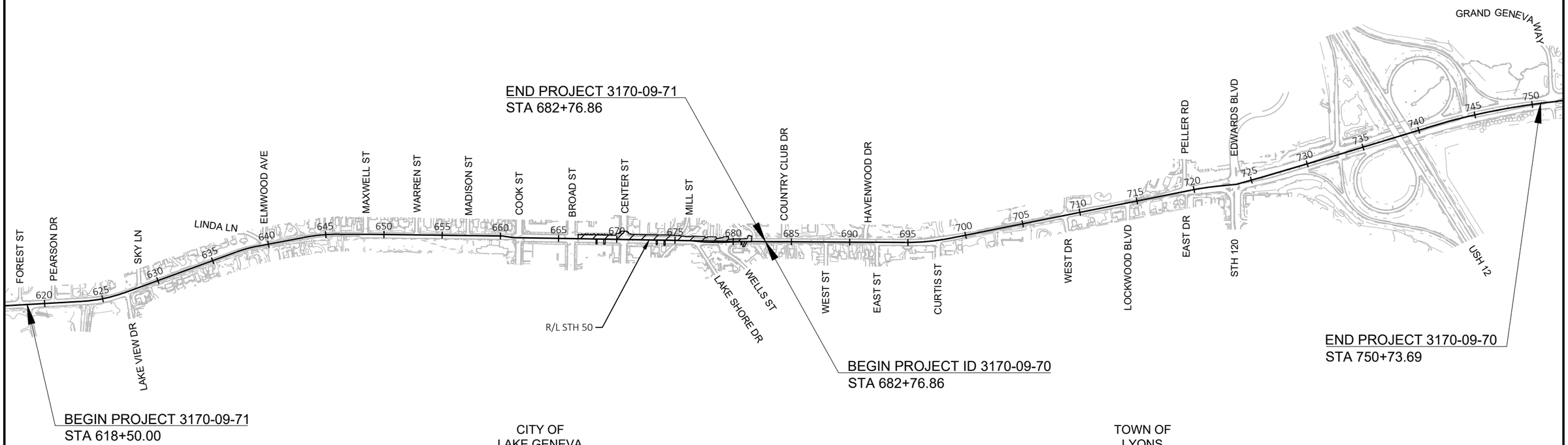
STAGE 3C-1 - TRAFFIC

- BI-DIRECTIONAL TRAFFIC BETWEEN COOK ST AND WELLS ST ON EB STH 50.
- UTILIZE FLAGGERS FOR WATER MAIN SERVICE AND SANITARY SEWER CONSTRUCTION.
- CONSECUTIVE INTERSECTIONS ARE NOT TO BE CLOSED AT THE SAME TIME; EXCEPTIONS ARE SHOWN IN THE PLANS. SEE SUB-STAGE PLANS FOR DETAILS.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-1 OVERVIEW	SHEET 365	E

GENEVA ST

2

2

N

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

LANE CLOSED R11-2L 48"X30"

WO1-6 48"X24"

SEE "TRAFFIC CONTROL - STAGE 4A-1 PLAN (PEDESTRIANS) FOR SIGNS AND DEVICES TO BE PLACED AT THE BROAD ST CROSSING IN STAGE 3C-1.

MADISON ST

COOK ST

BROAD ST

EXIST R/W

R/L STH 50

+18.16 1.71' LT

11'-2"

100' TYP

25' TYP

15' TYP

TT6W

TESL

TE6W

TE6Y

TTSL

656 658 660 662 664 666 668

MATCH LINE STA 669+00

NO PARKING ANY TIME R7-1D 18"X24"

NO PARKING BETWEEN SIGNS R7-52L 18"X24"

NO PARKING BETWEEN SIGNS R7-52R 18"X24"

+01.43 15.84' RT

+18.23 17.58' RT

+14.65 14.27' RT

+40.22 17.61' RT

+82.86 18.43' RT

11',3',11'

280' SHIFTING TAPER

48'

200'

REMOVE PARKING SPACES

500'

SEE NOTE

PCMS

ROAD WORK AHEAD W20-1A

WO1-4R

WRIGLEY DR

PRIOR TO CONSTRUCTION (7 DAYS)

PCMS MESSAGING	
FRAME 1	FRAME 2
NEW TRAFFIC PATTERN	BEGINS XXXDAY XX/XX

WHEN FLAGGERS PRESENT

PCMS MESSAGING	
FRAME 1	FRAME 2
FLAGGER AHEAD	BE PREPARED TO STOP

NOTE

- PROVIDE FLAGGERS DURING CONSTRUCTION OF WATER MAIN SERVICE LINES AND SANITARY CROSSING STH 50, SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR ADDITIONAL DEVICES AND SIGNING.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-1 PLAN (VEHICLES)	SHEET 366	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026322-S3C1_PLAN.DWG
LAYOUT NAME - 03c1-tc plan-01
PLOT DATE : 9/28/2026 2:57 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

GENEVA ST

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

COVERING SIGNS TYPE II

ROAD CLOSED
R11-2
48"X30"

LANE CLOSED
R11-2L
48"X30"

R1-1
30"X30"
STOP

ONLY
R3-5R
30"X36"

R3-1
24"X24"

SEE NOTE

CENTER ST

MILL ST

MATCH LINE STA 669+00

MATCH LINE STA 683+00

25' TYP

EXIST R/W

15' TYP

+52.10
27.88' RT

+84.75
15.88' RT

+60.08
28.82' RT

+97.32
10.76' RT

+23.15
21.53' RT

TE6Y

TE6W

TESL

TECW

670

672

674

676

678

680

682

R3-2
24"X24"

+21.75
15.54' RT

+01.56
17.13' RT

11',3',11'

+59.49
15.63' RT

+56.27
15.76' RT

11.5',3',11.5'

25' TYP

11',2',11'

+58.80
18.61' RT

+86.81
0.44' RT

REMOVE PARKING SPACES

500'

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

R7-52R
18"X24"

ONLY ONLY
R3-8xx
36"X30"

TEMPORARY MARKING EPOXY 6-INCH
(YELLOW; 2-FT LINE, 6-FT SKIP)

LAKE SHORE DR

WELLS ST

500' EXIST R/W

EXIST R/W

PLACE ROAD WORK AHEAD SIGN AT
THE INTERSECTION OF
WELLS ST AND CASS ST

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED 500 FT
W20-3D

ROAD CLOSED AHEAD
W20-3A

END ROAD WORK
G20-2A
48"X24"

PLACE ROAD CLOSED AHEAD SIGN AT
THE INTERSECTION OF
CENTER ST AND WRIGLEY DR

NOTE

- PROVIDE FLAGGERS DURING CONSTRUCTION OF WATER MAIN SERVICE LINES AND SANITARY CROSSING STH 50, SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR ADDITIONAL DEVICES AND SIGNING.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-1 PLAN (VEHICLES)	SHEET 367	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026322-S3C1_PLAN.DWG
LAYOUT NAME - 03c1-tc plan-02

PLOT DATE : 9/28/2026 2:57 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

500'

COUNTRY CLUB DR

MATCH LINE STA 683+00

TE6W

25' TYP

63'

SHIFTING TAPER

200'

200'

W1-4L
36"X36"

ROAD WORK AHEAD
W20-1A

HAVENWOOD DR

+02.14
11.30' LT

+63.18
11.30' LT

15' TYP

EXIST R/W

684

686

688

690

692

694

696

R/L STH 50

PCMS

PRIOR TO CONSTRUCTION (7 DAYS)

PCMS MESSAGING	
FRAME 1	FRAME 2
NEW TRAFFIC PATTERN	BEGINS XXXDAY XX/XX

WHEN FLAGGERS PRESENT

PCMS MESSAGING	
FRAME 1	FRAME 2
FLAGGER AHEAD	BE PREPARED TO STOP

TE6Y

25' TYP

2'11'

+03.75
0.50' RT

+59.93
0.53' RT

+38.15
0.00'

WO1-6
48"X24"

500'

WEST ST

EAST ST

CURTIS ST

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-1 PLAN (VEHICLES)	SHEET 368	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026322-S3C1_PLAN.DWG
LAYOUT NAME - 03c1-tc plan-03

PLOT DATE : 9/28/2026 2:58 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

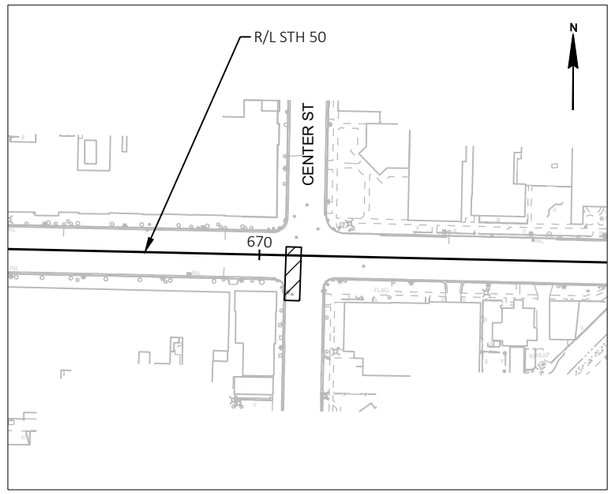
STAGE 3C-2 - CONSTRUCTION

- COMPLETE WATER MAIN CONSTRUCTION ALONG CENTER ST.

STAGE 3C-2 - TRAFFIC

- BI-DIRECTIONAL TRAFFIC BETWEEN COOK ST AND WELLS ST ON EB STH 50, EXCEPT DURING WATER MAIN CONSTRUCTION ON CENTER ST.
- UTILIZE FLAGGERS FOR WATER MAIN CONSTRUCTION AT CENTER ST.
- CONSECUTIVE INTERSECTIONS ARE NOT TO BE CLOSED AT THE SAME TIME; EXCEPTIONS ARE SHOWN IN THE PLANS. SEE SUB-STAGE PLANS FOR DETAILS.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

DETAIL A

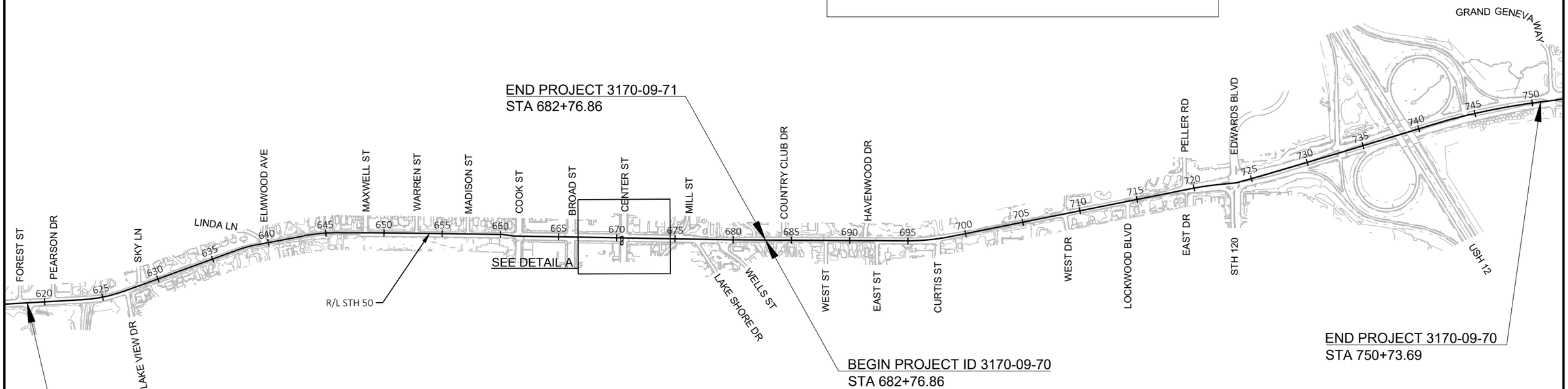


LEGEND

WORK AREA

N

2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-2 OVERVIEW	SHEET 369	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026330-S3C2_OVERVIEW.DWG
LAYOUT NAME - 03c2-tc over
PLOT DATE : 8/1/2026 11:03 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT
WISDOT/CADDS SHEET 42

GENEVA ST

2

2

N

ROAD WORK AHEAD
W20-1A

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD CLOSED
R11-2
48"X30"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

BROAD ST

CENTER ST

MILL ST

LANE CLOSED
R11-2L
48"X30"

SEE NOTE

ONLY
R3-5R
30"X36"

R1-1
30"X30"
STOP

LANE CLOSED
R11-2L
48"X30"

PCMS

25'
TYP

15'
TYP

12.5'
TYP

EXIST R/W

160'
SHIFTING TAPER

664
666
668
670
672
674
676
678

EXIST R/W

15'
TYP

25'
TYP

160'
SHIFTING TAPER

+58.03
16.87' RT

SEE NOTE

500'

EXIST R/W

SEE NOTE

R3-2
24"X24"

+83.83
15.54' RT

R/L STH 50

EXIST R/W

LAKE SHORE DR

EXIST R/W

11',2',11'

PCMS

11',3',11'

500'

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

EXIST R/W

ROAD CLOSED 500 FT
W20-3D

PCMS

ROAD CLOSED AHEAD
W20-3A

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF CENTER ST AND WRIGLEY DR

END ROAD WORK
G20-2A
48"X24"

WRIGLEY DR

DURING CONSTRUCTION

PCMS MESSAGING

FRAME 1	FRAME 2
FLAGGER AHEAD	BE PREPARED TO STOP

NOTES

- PROVIDE FLAGGERS DURING CONSTRUCTION OF WATER MAIN SERVICE CROSSING STH 50, SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR ADDITIONAL DEVICES AND SIGNING.
- TRAFFIC CONTROL DEVICES AND SIGNS WEST OF STA 667+50 AND EAST OF STA 673+90 TO MATCH STAGE 3C-1.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-2 PLAN (VEHICLES)	SHEET 370	E

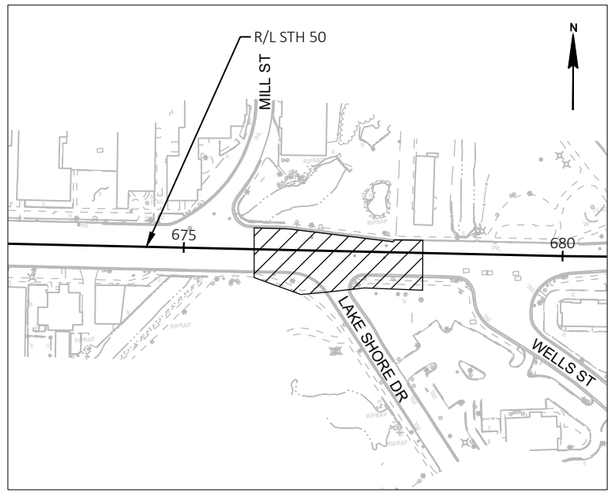
STAGE 3C-3 - CONSTRUCTION

- INSTALL SANITARY SEWER AND WATER MAIN IMPROVEMENTS FROM BROAD ST TO WEST OF WELLS ST.
- WATER MAIN CONSTRUCTION BETWEEN STA 676+00 TO STA 678+00 TO BE COMPLETED IN STAGE 3C-3. EXACT LIMITS ARE SHOWN IN THE PLANS.

STAGE 3C-3 - TRAFFIC

- BI-DIRECTIONAL TRAFFIC BETWEEN COOK ST AND WELLS ST ON EB STH 50, EXCEPT DURING WATER MAIN CONSTRUCTION FROM STA 676+00 TO STA 678+00.
- DURING WATER MAIN CONSTRUCTION BETWEEN STA 676+00 TO STA 678+00, FULLY CLOSE STH 50. DETOUR TRAFFIC TO BROAD ST AND WELLS ST.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

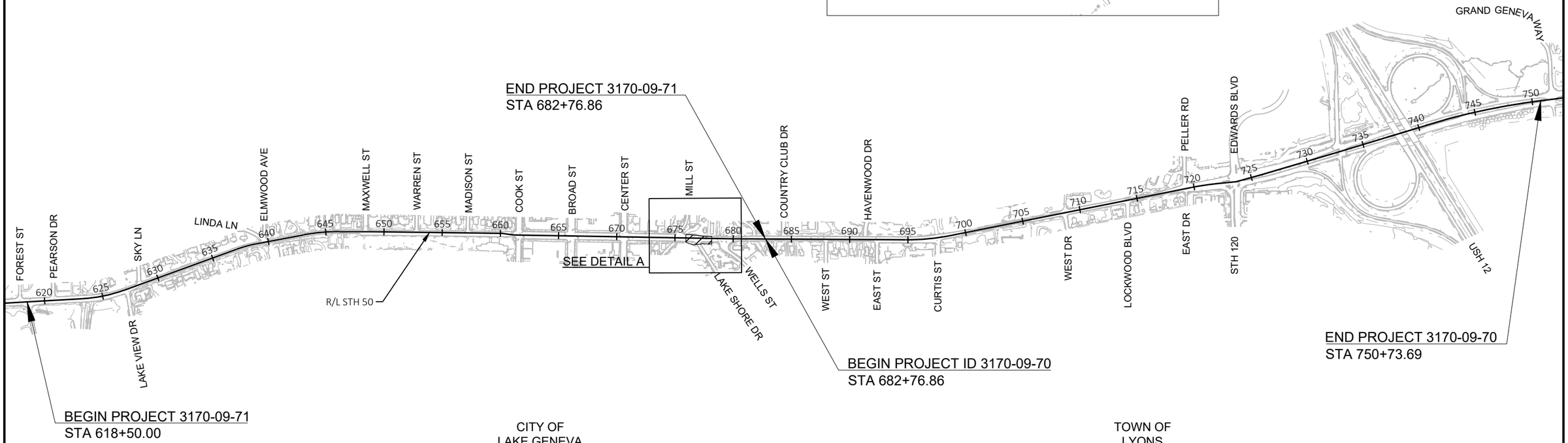
DETAIL A



LEGEND

WORK AREA

N



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-3 OVERVIEW	SHEET 371	E

GENEVA ST

N

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ROAD CLOSED AHEAD W20-3A

ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ROAD CLOSED R11-2 48"X30"

BROAD ST

CENTER ST

MILL ST

R3-1 24"X24"

LANE CLOSED R11-2L 48"X30"

R/L STH 50

TE6W

TE6Y

25' TYP

EXIST R/W

666

668

670

672

674

676

678

680

R1-1 30"X30" STOP

15' TYP

ONLY R3-5R 30"X36"

ROAD CLOSED R11-2 48"X30"

DETOUR M4-9L 30"X24"

ONLY R3-5L 30"X36"

RIPRAP

R3-2 24"X24"

R3-6R 30"X36"

NO PARKING BETWEEN SIGNS R7-52L 18"X24"

500'

NO PARKING BETWEEN SIGNS R7-52R 18"X24"

LANE CLOSED R11-2L 48"X30"

DETOUR M4-9L 30"X24"

ONLY R3-5L 30"X36"

ONLY R3-5R 30"X36"

WELLS ST

LAKE SHORE DR

LANE CLOSED R11-2L 48"X30"

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ROAD CLOSED 500 FT W20-3D

ROAD CLOSED AHEAD W20-3A

RESTORE TEMPORARY PAVEMENT MARKING AND FLEXIBLE TUBULAR MARKERS BASES AND POSTS UPON COMPLETION OF STAGE 3C-2, TYP.

ROADWAY CLOSED DURING STAGE 3C-3; SEE "DETOUR - STAGE 3C-3 (BROAD ST TO WELLS ST)" FOR ADDITIONAL SIGNAGE AND DEVICES.

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF CENTER ST AND WRIGLEY DR

WRIGLEY DR

NOTE

- TRAFFIC CONTROL DEVICES AND SIGNS WEST OF STA 674+50 AND EAST OF STA 680+00 TO MATCH STAGE 3C-2.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 3C-3 PLAN (VEHICLES)	SHEET 372	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026342-S3C3_PLAN.DWG
LAYOUT NAME - 03c3-tc plan-01

PLOT DATE : 8/2/2026 10:53 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

STAGE 4A - CONSTRUCTION

- INSTALL/ADJUST/RECONSTRUCT STORM SEWER ON WB SEGMENT OF STH 50.
- CONSTRUCT TEMPORARY WIDENING IN PREPARATION FOR STAGE 4B TRAFFIC SHIFT.
- INSTALL TRAFFIC SIGNAL EQUIPMENT ON WB SIDE OF STH 50.
- CONSTRUCT PAVEMENT REPLACEMENT ON STH 50 WB FROM COOK ST TO WELLS ST.
- INTERSECTION CONSTRUCTION TO BE STAGED PER PLAN DETAILS.
- INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 4B.

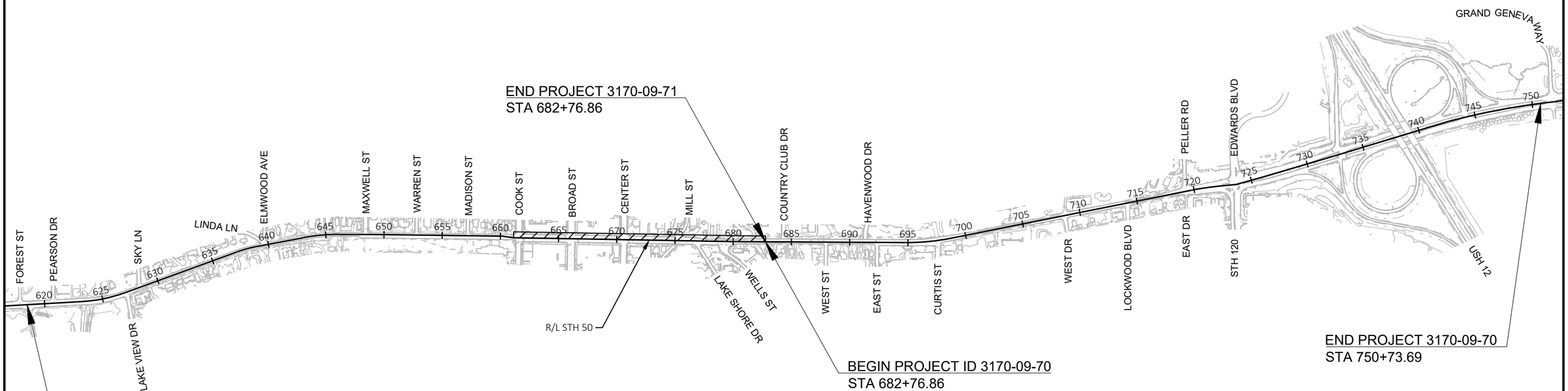
STAGE 4A - TRAFFIC

- BI-DIRECTIONAL TRAFFIC BETWEEN COOK ST AND WELLS ST ON EB STH 50.
- CONSECUTIVE INTERSECTION ARE NOT TO BE CLOSED AT THE SAME TIME. EXCEPTIONS ARE SHOWN IN THE PLANS. SEE SUB-STAGE PLANS FOR DETAILS.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

LEGEND

WORK AREA

N

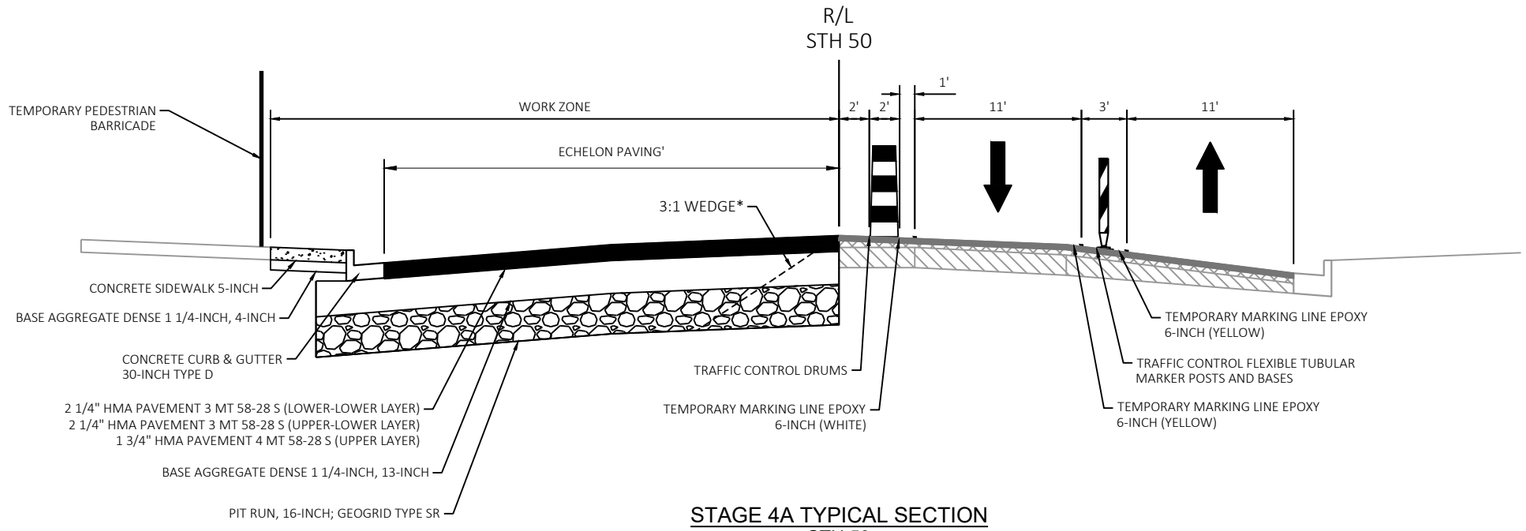


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A OVERVIEW	SHEET 373	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026400-S4A_OVERVIEW.DWG
LAYOUT NAME - 04a-tc over

PLOT DATE : 8/1/2026 11:18 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

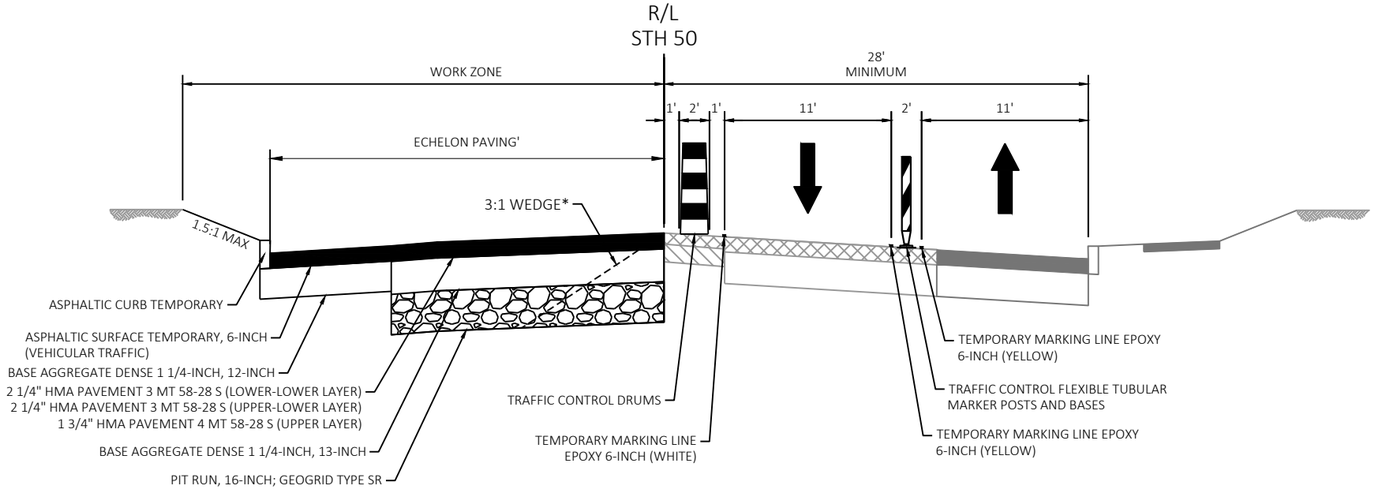
WISDOT/CADDS SHEET 42



STAGE 4A TYPICAL SECTION
STH 50
STA 658+81 TO STA 675+85

NOTE

- A 3:1 WEDGE MUST BE MAINTAINED TO ELIMINATE VERTICAL DROP OFFS IF DRUMS ARE UTILIZED. CONSTRUCTION AND MATERIAL SELECTION OF THE WEDGE IS INCIDENTAL TO THE CONTRACT PER WISDOT STANDARD SPECIFICATION 104.6.1.2.3.



STAGE 4A TYPICAL SECTION
STH 50
STA 675+85 TO STA 687+67

GENEVA ST

2

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD CLOSED
R11-2
48"X30"

LANE CLOSED
R11-2L
48"X30"

WO1-6
48"X24"

TE6W

R3-1
24"X24"

MADISON ST

COOK ST

BROAD ST

MATCH LINE STA 669+00

EXIST R/W

R/L STH 50

STH 50

25'
TYP

15'
TYP

656
658
660
662
664
666
668

200'

200'

NO PARKING ANY TIME
R7-1D
18"X24"

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

R3-2
24"X24"

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

500'

WO1-4R

WRIGLEY DR

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-1 PLAN (VEHICLES)	SHEET 375	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026402-S4A1_PLAN.DWG
LAYOUT NAME - 04a1-tc plan-01

PLOT DATE : 9/28/2026 2:59 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

GENEVA ST

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED
R11-2
48"X30"

CENTER ST

R3-1
24"X24"

LANE CLOSED
R11-2L
48"X30"

R1-1
30"X30"
STOP

+56.22
15.82' RT

MILL ST

LANE CLOSED
R11-2L
48"X30"

STOP CONSTRUCTION OF SIDEWALK/C&G HERE, CONTINUE IN STAGE 4C

ONLY
R3-5R
30"X36"

+94.90
-40.38' LT

+66.05
40.87' LT

+91.05
39.56' LT

+60.70
15.17' LT

+44.80
23.08' LT

+21.79
18.45' LT

+23.07
20.63' LT

25'
TYP

R/L STH 50

EXIST R/W

15'
TYP

+84.75
15.88' RT

+52.10
27.88' RT

+60.08
28.82' RT

EXIST R/W

TE6Y

TE6W

MATCH LINE STA 669+00

MATCH LINE STA 683+00

670

672

STH 50

674

676

678

680

682

R3-2
24"X24"

500'

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

ONLY ONLY
R3-8xx
36"X30"

EXIST R/W

11.5',3',11.5'

25'
TYP

TECW

11',2',11'

TE6Y

LAKE SHORE DR

WELLS ST

EXIST R/W

500' EXIST R/W

EXIST R/W

TEMPORARY MARKING EPOXY 6-INCH
(YELLOW; 2-FT LINE, 6-FT SKIP)

PLACE ROAD WORK AHEAD SIGN AT THE INTERSECTION OF WELLS ST AND CASS ST

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED 500 FT
W20-3D

ROAD CLOSED AHEAD
W20-3A

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF CENTER ST AND WRIGLEY DRIVE

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-1 PLAN (VEHICLES)	SHEET 376	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026402-S4A1_PLAN.DWG
LAYOUT NAME - 04a1-tc plan-02

PLOT DATE : 9/28/2026 2:59 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

MAINTAIN ACCESS AT ALL TIMES
SINGLE ACCESS POINT.

COUNTRY CLUB DR

+15.19
53.08' LT

+58.77
39.63' LT

+70.89
29.59' LT

+05.00
24.80' LT

500'

25'
TYP

R15'

15' TYP

200'

200'

W1-4L
36"X36"

ROAD WORK AHEAD
W20-1A

HAVENWOOD DR

R/L STH 50

EXIST R/W

EXIST R/W

MATCH LINE STA 683+00

684

686

688

STH 50

690

692

694

696

FLAG

RIPRAP

MH

EXIST R/W

EXIST R/W

+00.26
39.53' LT

WO1-6
48"X24"

500'

WEST ST

EAST ST

CURTIS ST

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-1 PLAN (VEHICLES)	SHEET 377	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026402-S4A1_PLAN.DWG
LAYOUT NAME - 04a1-tc plan-03
PLOT DATE : 9/28/2026 2:59 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

GENEVA ST

SIDEWALK CLOSED AHEAD
R9-9A 30"X18"
DETOUR
M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD
R9-9A 30"X18"
DETOUR
M4-9BR 30"X24"

SIDEWALK CLOSED
R9-9 24"X12"

DETOUR
M4-9BR 30"X24"

DETOUR
M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD
R9-9A 30"X18"
M4-60D 30"X24"

DETOUR
M4-9BL 30"X24"

R/L STH 50

R/L STH 50

MADISON ST

COOK ST

BROAD ST

656 658 660 662 664 666 668

MATCH LINE STA 669+00

N

2

FLAG
FLAG

WRIGLEY DR

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

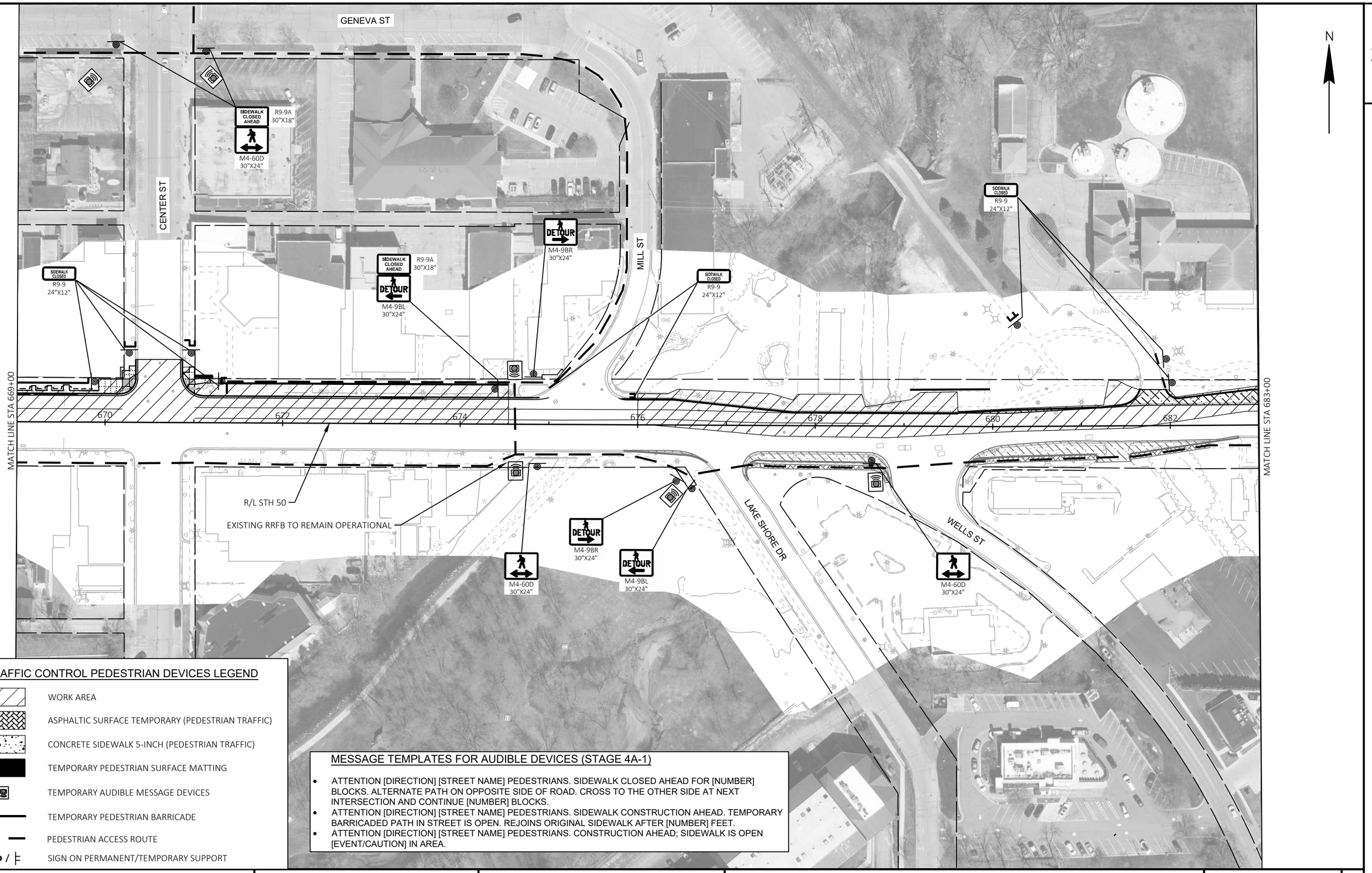
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4A-1)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-1 PLAN (PEDESTRIANS)	SHEET 378	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026403-S4A1_PED.DWG
LAYOUT NAME - 04a1-tc ped-01
PLOT DATE : 9/28/2026 2:36 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

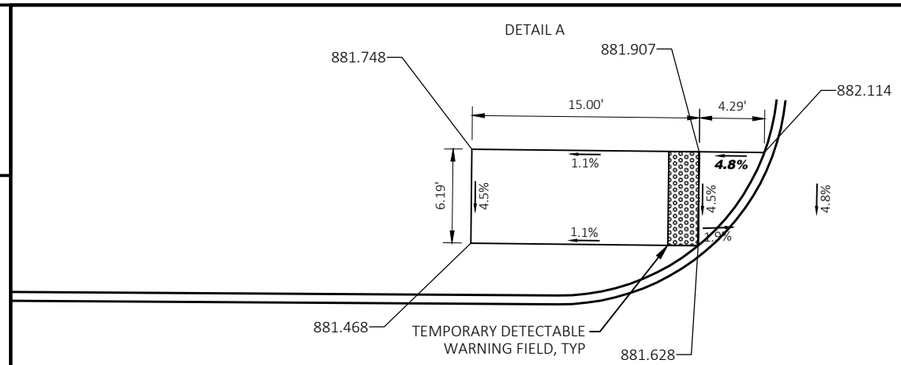
- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

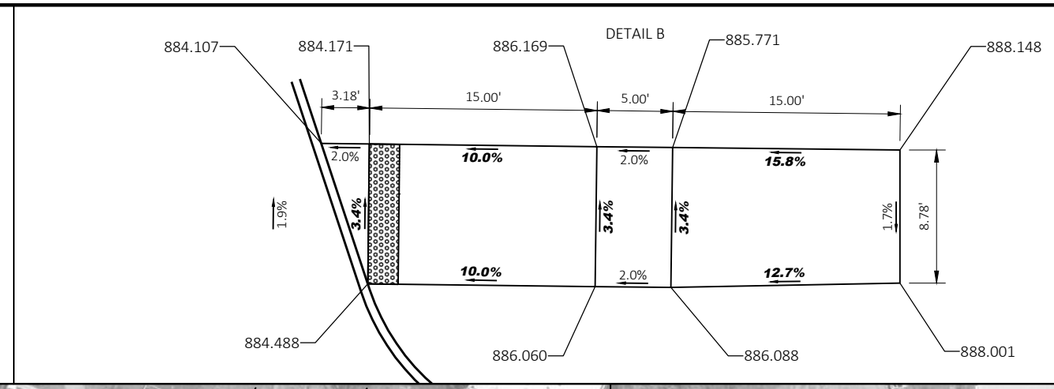
MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4A-1)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

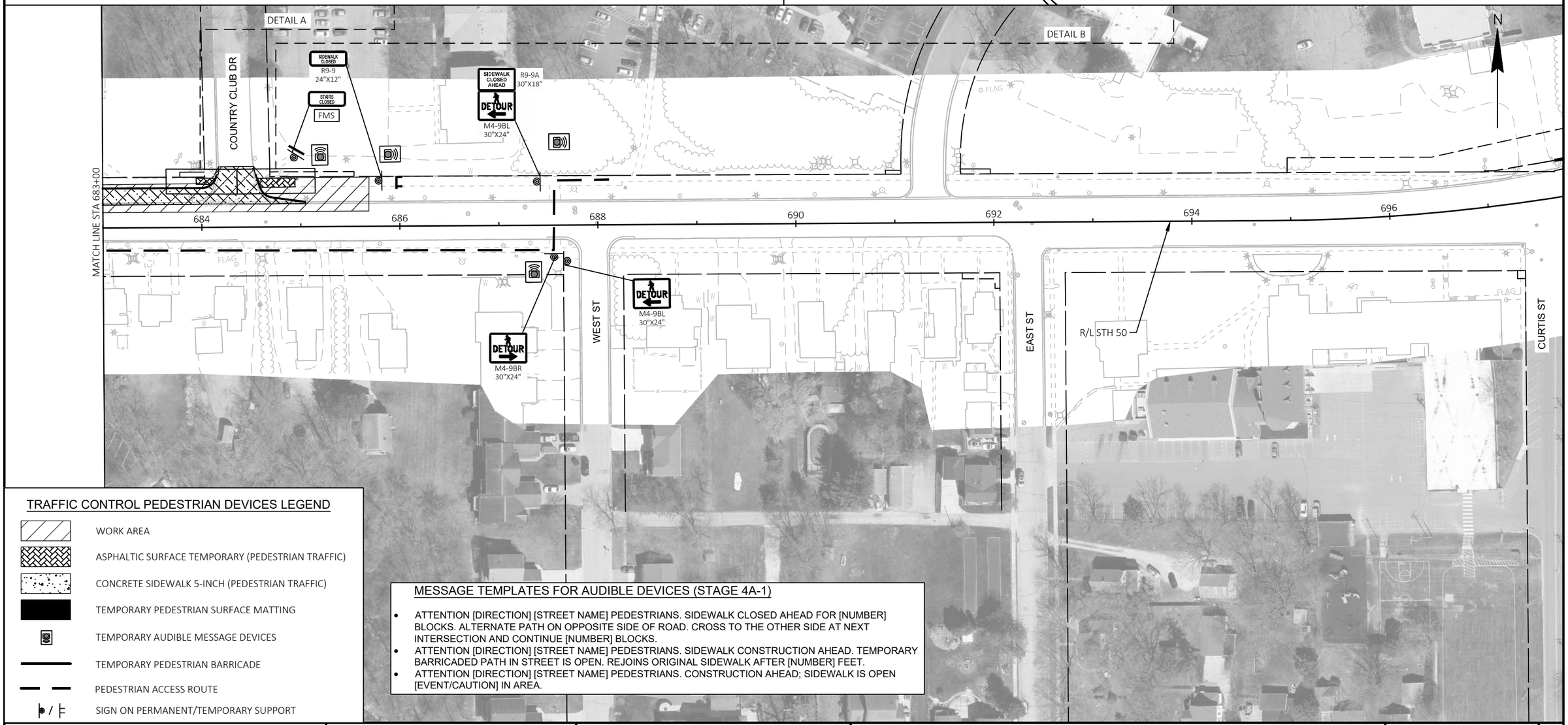
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-1 PLAN (PEDESTRIANS)	SHEET 379 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026403-S4A1_PED.DWG
LAYOUT NAME - 04a1-tc ped-02
PLOT DATE : 9/28/2026 2:36 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT





2



TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4A-1)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-1 PLAN (PEDESTRIANS)	SHEET 380	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026403-S4A1_PED.DWG
LAYOUT NAME - 04a1-tc ped-03
PLOT DATE : 9/28/2026 2:36 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

GENEVA ST

2

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

END ROAD WORK
G20-2A
48"X24"

WO1-6
48"X24"

LANE CLOSED
R11-2L
48"X30"

TTSL

TTCW

MADISON ST

COOK ST

LANE CLOSED
R11-2L
48"X30"

ROAD CLOSED
R11-2
48"X30"

COVERING SIGNS TYPE II

ONLY ONLY ONLY

BROAD ST

TE6W

R3-1
24"X24"

EXIST R/W

R/L STH 50

EXIST R/W

4

656

658

660

662

664

666

668

25'
TYP

15'
TYP

25'
TYP

MATCH LINE STA 669+00

EXIST R/W

EXIST R/W

200'

200'

NO PARKING ANY TIME
R7-1D
18"X24"

ROAD WORK AHEAD
W20-1A

WO1-4R

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

R3-2
24"X24"

500'

LANE CLOSED
R11-2L
48"X30"

EXIST R/W

COVERING SIGNS TYPE II

ONLY ONLY ONLY

ONLY ONLY
R3-8xx
36"X30"

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED AHEAD
W20-3A

EXIST R/W

WRIGLEY DR

EXIST R/W

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-2 PLAN (VEHICLES)	SHEET 381	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026404-S4A2_PLAN.DWG
LAYOUT NAME - 04a2-tc plan-01

PLOT DATE : 9/28/2026 3:00 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

GENEVA ST

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED AHEAD
W20-3A

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD WORK AHEAD
W20-1A

LANE CLOSED
R11-2L
48"X30"

CENTER ST

LANE CLOSED
R11-2L
48"X30"

ROAD CLOSED
R11-2
48"X30"

MILL ST

STOP CONSTRUCTION OF SIDEWALK/C&G HERE, CONTINUE IN STAGE 4C

TT10W

TTA

TTSL

TTCW

R/L STH 50

25' TYP

25' TYP

EXIST R/W

MATCH LINE STA 669+00

MATCH LINE STA 683+00

670

672

674

676

678

680

682

EXIST R/W

EXIST R/W

LAKE SHORE DR

WELLS ST

EXIST R/W

EXIST R/W

500'

EXIST R/W

500'

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

TE6Y

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

ROAD WORK AHEAD
W20-1A

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF CENTER ST AND WRIGLEY DR

PLACE ROAD WORK AHEAD SIGN AT THE INTERSECTION OF WELLS ST AND CASS ST

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

N

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-2 PLAN (VEHICLES)	SHEET 382	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026404-S4A2_PLAN.DWG
LAYOUT NAME - 04a2-tc plan-02

PLOT DATE : 9/28/2026 3:00 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

500'

COUNTRY CLUB DR

25' TYP

EXIST R/W

MATCH LINE STA 683+00

15' TYP

2'-11"

684

686

688

690

692

694

696

200'

200'

W1-4L
36"X36"

ROAD WORK AHEAD
W20-1A

HAVENWOOD DR

R/L STH 50

FLAG

RIPRAP

MH

EXIST R/W

WO1-6
48"X24"

500'

WEST ST

LANE CLOSED
R11-2L
48"X30"

EAST ST

CURTIS ST

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-2 PLAN (VEHICLES)	SHEET 383	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026404-S4A2_PLAN.DWG
LAYOUT NAME - 04a2-tc plan-03

PLOT DATE : 9/28/2026 3:00 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

GENEVA ST

COOK ST

MADISON ST

BROAD ST

WRIGLEY DR

R/L STH 50

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

4 656 658 660 662 664 666 668

MATCH LINE STA 669+00

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR M4-9BR 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
M4-60D 30"X24"

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
M4-60D 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
M4-60D 30"X24"

FLAG
FLAG

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4A-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-2 PLAN (PEDESTRIANS)	SHEET 384	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026405-S4A2_PED.DWG
LAYOUT NAME - 04a2-tc ped-01
PLOT DATE : 9/28/2026 2:52 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

GENEVA ST

CENTER ST

MILL ST

EXIST R/W

MATCH LINE STA 669+00

MATCH LINE STA 683+00

670 672 674 676 678 680 682

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

R/L STH 50

RRFB TO REMAIN COVERED/REMOVED
BY CITY OF LAKE GENEVA

M4-60D
30"X24"

LAKE SHORE DR

WELLS ST

EXIST R/W

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4A-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-2 PLAN (PEDESTRIANS)	SHEET 385 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026405-S4A2_PED.DWG
LAYOUT NAME - 04a2-tc ped-02
PLOT DATE : 9/28/2026 2:52 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

COUNTRY CLUB DR

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

STAIRS CLOSED
FMS

EXIST R/W

FLAG

684 686 688 690 692 694 696

MATCH LINE STA 683+00

EXIST R/W

DETOUR
M4-9BL
30"X24"

WEST ST

DETOUR
M4-9BR
30"X24"

EAST ST

R/L STH 50

EXIST R/W

CURTIS ST

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4A-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4A-2 PLAN (PEDESTRIANS)	SHEET 386	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026405-S4A2_PED.DWG
LAYOUT NAME - 04a2-tc ped-03
PLOT DATE : 9/28/2026 2:52 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

STAGE 4B - CONSTRUCTION

- INSTALL/ADJUST/RECONSTRUCT STORM SEWER ON EB STH 50.
- INSTALL TRAFFIC SIGNAL EQUIPMENT ON EB SIDE OF STH 50.
- INTERSECTION CONSTRUCTION TO BE STAGED PER PLAN DETAILS.
- INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 4C.
- CONSTRUCT PAVEMENT REPLACEMENT ON STH 50 EB FROM COOK ST TO WELLS ST.

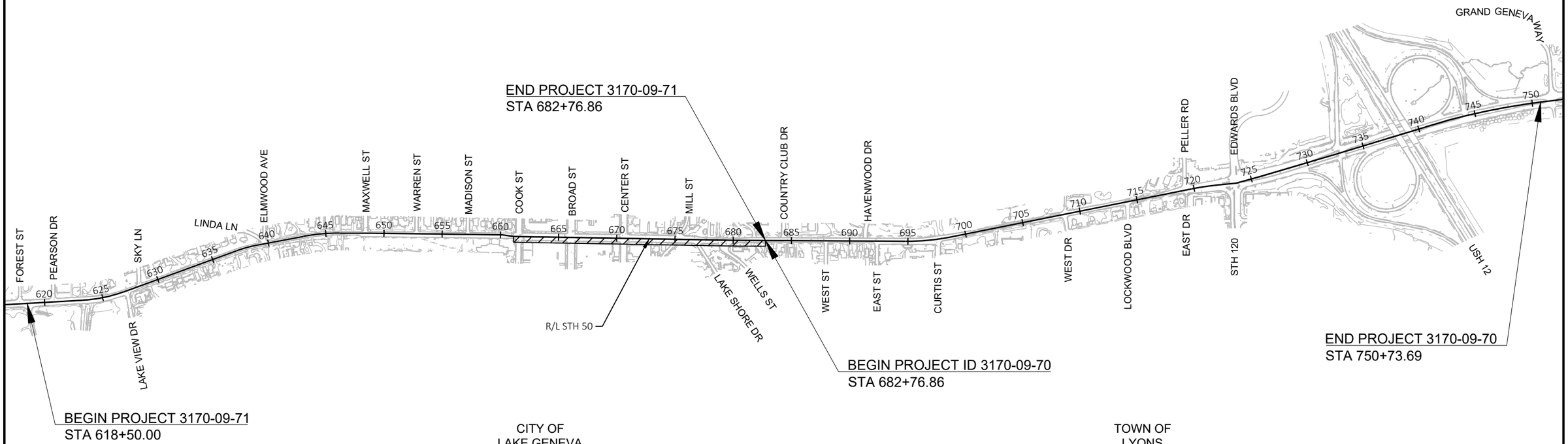
STAGE 4B - TRAFFIC

- BI-DIRECTIONAL TRAFFIC BETWEEN COOK ST AND WELLS ST ON WB STH 50.
- CONSECUTIVE INTERSECTIONS ARE NOT TO BE CLOSED AT THE SAME TIME; EXCEPTIONS ARE SHOWN IN THE PLANS. SEE SUB-STAGE PLANS FOR DETAILS.
- DURING STAGE 4B, ONLY ONE OF THE FOLLOWING SIDE ROADS MAY BE CLOSED AT A GIVEN TIME: CENTER ST, LAKE SHORE DR, WELLS ST.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



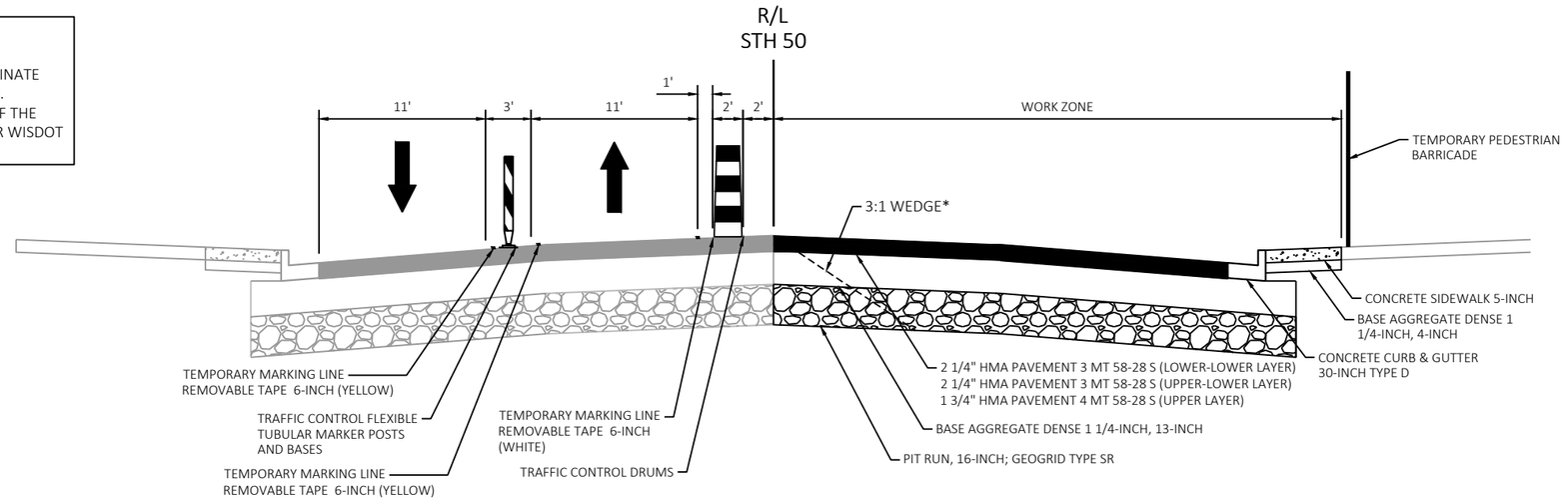
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B OVERVIEW	SHEET 387	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026410-S4B_OVERVIEW.DWG
LAYOUT NAME - 04b-tc over
PLOT DATE : 8/1/2026 11:21 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

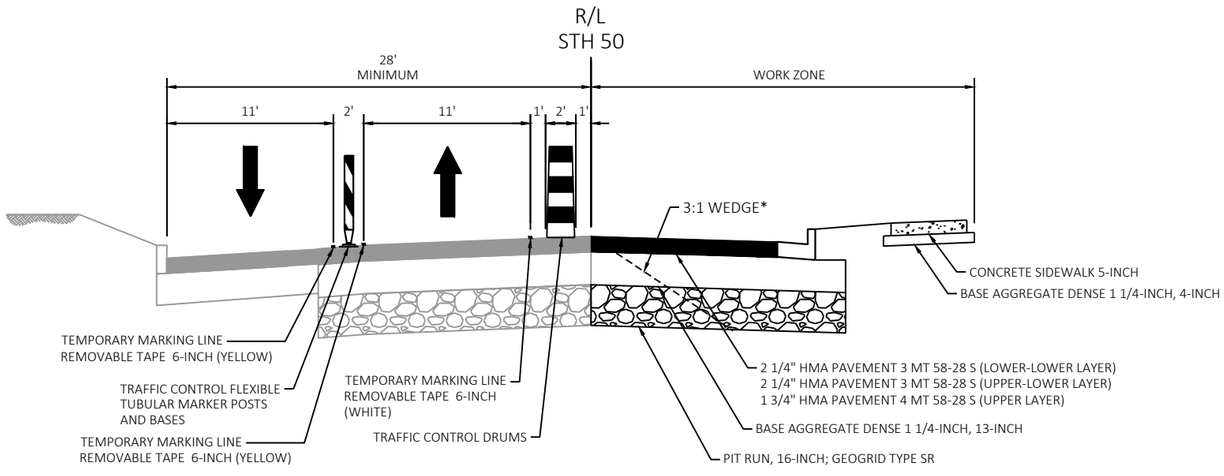
2

NOTE

- A 3:1 WEDGE MUST BE MAINTAINED TO ELIMINATE VERTICAL DROP OFFS IF DRUMS ARE UTILIZED. CONSTRUCTION AND MATERIAL SELECTION OF THE WEDGE IS INCIDENTAL TO THE CONTRACT PER WISDOT STANDARD SPECIFICATION 104.6.1.2.3.



STAGE 4B TYPICAL SECTION
STH 50
STA 659+78.95 DR TO STA 676+36.57



STAGE 4B TYPICAL SECTION
STH 50
STA 676+36.57 TO STA 684+00

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B TYPICAL SECTIONS	SHEET 388	E

GENEVA ST

2

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED AHEAD
W20-3A

ONLY ONLY
R3-8LR
36"X30"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

MADISON ST

COOK ST

R3-2
24"X24"

BROAD ST

R/L STH 50

+64.89
0.00' LT

+23.99
1.46' LT

+39.28
0.00' RT

25'
TYP

11', 2', 11'

TTSL

TTCW

TT6Y

+18.27
17.50' LT

11',3',11'

TTA

TT10W

+82.46
17.50' LT

11',3',11'

4

656

658

660

662

664

666

668

TT6W

25'
TYP

+96.97
12.88' LT

+39.95
17.50' LT

15'
TYP

MATCH LINE STA 669+00

LANE CLOSED
R11-2L
48"X30"

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

R3-1
24"X24"

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

ROAD CLOSED
R11-2
48"X30"

LANE CLOSED
R11-2L
48"X30"

PCMS

ROAD WORK AHEAD
W20-1A

PRIOR TO CONSTRUCTION
(7 DAYS)

PCMS MESSAGING	
FRAME 1	FRAME 2
NEW TRAFFIC PATTERN	BEGINS XXXDAY XX/XX

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

WRIGLEY DR

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-1 PLAN (VEHICLES)	SHEET 389 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026412-S4B1_PLAN.DWG
LAYOUT NAME - 04b1-tc plan-01

PLOT DATE : 8/3/2026 12:51 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

GENEVA ST

MATCH LINE STA 669+00

MATCH LINE STA 683+00

ROAD CLOSED AHEAD
W20-3A

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

COVERING SIGNS TYPE II

ONLY ONLY
R3-8LR
36"X30"

CENTER ST

MILL ST

LIMITS FOR PLACEMENT OF TEMP REMOVABLE TAPE (FINISHED SURFACE) VS TEMP EPOXY (EXISTING SURFACE)

TEMPORARY MARKING REMOVABLE TAPE 6-INCH (YELLOW; 2-FT LINE, 6-FT GAP)

TEMPORARY MARKING REMOVABLE TAPE 6-INCH (YELLOW; 2-FT LINE, 6-FT GAP)

TT10W
TT6Y
TTCL
TTSL
TTCW

R3-2
24"X24"

+00.97
17.50' LT

11',3',11'

25'
TYP

+94.31
15.45' LT

+36.57
14.94' LT

11',5',11',5'

+77.59
1.90' LT

11',2',11'

+54.57
2.36' LT

+96.40
5.14' LT

11', 2', 11'

+23.87
8.64' LT

+91.72
27.56' LT

672 674 676 678 680 682

15'
TYP

+56.28
15.29' LT

+21.70
15.50' LT

25'
TYP

R3-1
24"X24"

500'

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

ROAD CLOSED
R11-2
48"X30"

R/L STH 50

LANE CLOSED
R11-2L
48"X30"

LAKE SHORE DR

WELLS ST

LANE CLOSED
R11-2L
48"X30"

W01-4L

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

ROAD CLOSED 500 FT
W20-3D

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

ROAD CLOSED AHEAD
W20-3A

PLACE ROAD CLOSED AHEAD SIGN AND TYPE III BARRICADES AT THE INTERSECTION OF CENTER ST AND WRIGLEY DR

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF WELLS ST AND CASS ST

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-1 PLAN (VEHICLES)	SHEET 390	E

2

N

PRIOR TO CONSTRUCTION
(7 DAYS)

PCMS MESSAGING

FRAME 1	FRAME 2
NEW TRAFFIC PATTERN	BEGINS XXXDAY XX/XX

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

500'

COUNTRY CLUB DR

W1-4R
36"X36"

TESL

+98.93
27.53' LT

TEMPORARY MARKING EPOXY 6-INCH
(YELLOW; 2-FT LINE, 6-FT GAP)

15' TYP.

+17.38
10.94' LT

+51.15
11.14' LT

+19.68
11.20' LT

+10.15
11.58' LT

HAVENWOOD DR

+59.57
11.63' LT

R/L STH 50

+26.96
11.83' LT

W1-6
48"X24"

+73.33
11.89' LT

25'
TYP

PCMS

11', 2', 11'

MATCH LINE STA 683+00

684

686

688

690

692

694

696

TE6W

TE6Y

25'
TYP

WEST ST

25'
TYP

R3-1
24"X24"

EAST ST

15'
TYP

+08.72
0.42' RT

+73.34
0.37' RT

85'
SHIFTING TAPER

CURTIS ST

LANE CLOSED
R11-2L
48"X30"

ROAD CLOSED
R11-2
48"X30"

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED 500 FT
W20-3D

ROAD CLOSED AHEAD
W20-3A

PLACE ROAD CLOSED AHEAD SIGN AT
THE INTERSECTION OF
EAST ST AND DARWIN ST

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-1 PLAN (VEHICLES)	SHEET 391	E

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

GENEVA ST

N

R/L STH 50

DETOUR M4-9BL 30"X24"

MADISON ST

DETOUR M4-9BR 30"X24"

R/L STH 50

M4-60D 30"X24"

COOK ST

BROAD ST

EXIST R/W

EXIST R/W

4 656 658 660 662 664 666 668

MATCH LINE STA 669+00

EXIST R/W

EXIST R/W

FLAG FLAG

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED R9-9 24"X12"

DETOUR M4-9BR 30"X24"

EXIST R/W

EXIST R/W

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BL 30"X24"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BR 30"X24"

WRIGLEY DR

PLACE AT CENTER ST & WRIGLEY DR INTERSECTION AT THE NE AND NW QUADRANTS.

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-1)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-1 PLAN (PEDESTRIANS)	SHEET 392	E

2

2

N

GENEVA ST

CENTER ST

MILL ST

M4-60D
30"X24"

M4-60D
30"X24"

SIDEWALK CLOSED AHEAD
DETOUR
R9-9A
30"X18"
M4-9BL
30"X24"

EXIST R/W

EXIST R/W

MATCH LINE STA 669+00

670

672

674

676

678

680

682

MATCH LINE STA 683+00

R/L STH 50

EXIST R/W

SIDEWALK CLOSED AHEAD
DETOUR
R9-9A
30"X18"
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"
M4-60D
30"X24"

LAKE SHORE DR

EXIST R/W

EXIST R/W

WELLS ST

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

EXIST R/W

FLAG

FLAG

FLAG

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-1)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-1 PLAN (PEDESTRIANS)	SHEET 393	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026413-S4B1_PED.DWG
LAYOUT NAME - 04b-tc ped-02
PLOT DATE : 9/28/2026 2:54 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

COUNTRY CLUB DR

EXIST R/W

MATCH LINE STA 683+00

684 686 688 690 692 694 696

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

FLAG

EXIST R/W

EXIST R/W

EXIST R/W

WEST ST

EAST ST

CURTIS ST

R/L STH 50

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-1)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-1 PLAN (PEDESTRIANS)	SHEET 394	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026413-S4B1_PED.DWG
LAYOUT NAME - 04b-tc ped-03

PLOT DATE : 9/28/2026 2:54 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

GENEVA ST

2

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED AHEAD
W20-3A

END ROAD WORK
G20-2A
48"X24"

ONLY ONLY
R3-8xx
36"X30"

LANE CLOSED
R11-2L
48"X30"

BROAD ST

END ROAD WORK
G20-2A
48"X24"

MADISON ST

COOK ST

TTA

ONLY ONLY ONLY
COVERING SIGNS TYPE II

R3-2
24"X24"

R/L STH 50

4 656 658 660 662 664 666 668

25' TYP

25' TYP

LANE CLOSED
R11-2L
48"X30"

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

NO PARKING BETWEEN SIGNS
R7-52L
18"X24"

LANE CLOSED
R11-2L
48"X30"

TTCW

LANE CLOSED
R11-2L
48"X30"

R3-1
24"X24"

TT6W

500'

ROAD CLOSED
R11-2
48"X30"

COVERING SIGNS TYPE II
ONLY

NO PARKING BETWEEN SIGNS
R7-52R
18"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD CLOSED TO THRU TRAFFIC
R11-4
60"X30"

PLACE ROAD CLOSED AHEAD SIGN AND TYPE III BARRICADES AT THE INTERSECTION OF CENTER ST AND WRIGLEY DR

ROAD CLOSED AHEAD
W20-3A

WRIGLEY DR

MATCH LINE STA 669+00

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-2 PLAN (VEHICLES)	SHEET 395	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026414-S4B2_PLAN.DWG
LAYOUT NAME - 04b2-tc plan-01

PLOT DATE : 8/3/2026 12:52 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

GENEVA ST

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

CENTER ST

MILL ST

R3-2 24"X24"

TTA

RIPRAP

25' TYP

TT6Y

MATCH LINE STA 669+00

670 672 674 676 678 680 682

MATCH LINE STA 683+00

TTCW

TTSL

TTA

TT6Y

LANE CLOSED R11-2L 48"X30"

NO PARKING BETWEEN SIGNS R7-52L 18"X24"

NO PARKING BETWEEN SIGNS R7-52R 18"X24"

R/L STH 50

LANE CLOSED R11-2L 48"X30"

25' TYP

RIPRAP

TT6W

LAKE SHORE DR

500'

WELLS ST

ROAD CLOSED R11-2 48"X30"

LANE CLOSED R11-2L 48"X30"

ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"

END ROAD WORK G20-2A 48"X24"

ROAD CLOSED AHEAD W20-3A

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF WELLS ST AND CASS ST

N

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-2 PLAN (VEHICLES)	SHEET 396	E

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

500'

COUNTRY CLUB DR

W1-4R
36"X36"

HAVENWOOD DR

FLAG

RIPRAP

R/L STH 50

W1-6
48"X24"

25'
TYP

MATCH LINE STA 683+00

684

686

688

690

692

694

696

WEST ST

EAST ST

CURTIS ST

15'
TYP

R3-1
24"X24"

LANE CLOSED
R11-2L
48"X30"

ROAD CLOSED
R11-2
48"X30"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

ROAD CLOSED AHEAD
W20-3A

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF EAST ST AND DARWIN ST

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-2 PLAN (VEHICLES)	SHEET 397	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026414-S4B2_PLAN.DWG
LAYOUT NAME - 04b2-tc plan-03
PLOT DATE : 8/3/2026 12:52 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

GENEVA ST

N

2

MADISON ST

COOK ST

BROAD ST

R/L STH 50

EXIST R/W

SIDEWALK CLOSED AHEAD
DETOUR
M4-9BR
30"X24"
R9-9A
30"X18"

M4-60D
30"X24"

4
656
658
660
662
664
666
668

MATCH LINE STA 669+00

SIDEWALK CLOSED AHEAD
DETOUR
M4-9BL
30"X24"
R9-9A
30"X18"

SIDEWALK CLOSED
R9-9
24"X12"

FLAG
FLAG

WRIGLEY DR

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-2 PLAN (PEDESTRIANS)	SHEET 398	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026415-S4B2_PED.DWG
LAYOUT NAME - 04b2-tc ped-01

PLOT DATE : 9/28/2026 2:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

GENEVA ST

CENTER ST

MILL ST

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

EXIST R/W

FLAG

MATCH LINE STA 669+00

MATCH LINE STA 683+00

670 672 674 676 678 680 682

R/L STH 50

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

M4-60D
30"X24"

LAKE SHORE DR

WELLS ST

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-2 PLAN (PEDESTRIANS)	SHEET 399	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026415-S4B2_PED.DWG
LAYOUT NAME - 04b2-tc ped-02

PLOT DATE : 9/28/2026 2:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

COUNTRY CLUB DR

DETOUR
M4-9BL
30"X24"

EXIST R/W

MATCH LINE STA 683+00

684 686 688 690 692 694 696

EXIST R/W

WEST ST

EAST ST

R/L STH 50

CURTIS ST

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-2)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-2 PLAN (PEDESTRIANS)	SHEET 400	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026415-S4B2_PED.DWG
LAYOUT NAME - 04b2-tc ped-03
PLOT DATE : 9/28/2026 2:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

GENEVA ST

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

N

CENTER ST

MILL ST

COUNTRY CLUB DR

500'

25' TYP

25' TYP

RIPRAP

TT6Y

TTSL

670

672

674

676

678

682

684

R/L STH 50

TTCW

TTA

TT6Y

TT10W

LANE CLOSED R11-2L 48"X30"

ROAD CLOSED R11-2 48"X30"

LANE CLOSED R11-2L 48"X30"

LANE CLOSED R11-2L 48"X30"

LAKE SHORE DR

WELLS ST

END ROAD WORK G20-2A 48"X24"

END ROAD WORK G20-2A 48"X24"

PLACE ROAD CLOSED AHEAD SIGN AT THE INTERSECTION OF WELLS ST AND CASS ST

ROAD WORK AHEAD W20-1A

ROAD WORK AHEAD W20-1A

PLACE ROAD WORK AHEAD SIGN AT THE INTERSECTION OF CENTER ST AND WRIGLEY DR

NOTE

- TRAFFIC CONTROL DEVICES AND SIGNS WEST OF STA 676+00 AND EAST OF STA 680+00 TO MATCH STAGE 4B-2. COOK ST AND BROAD ST TO BE OPEN.

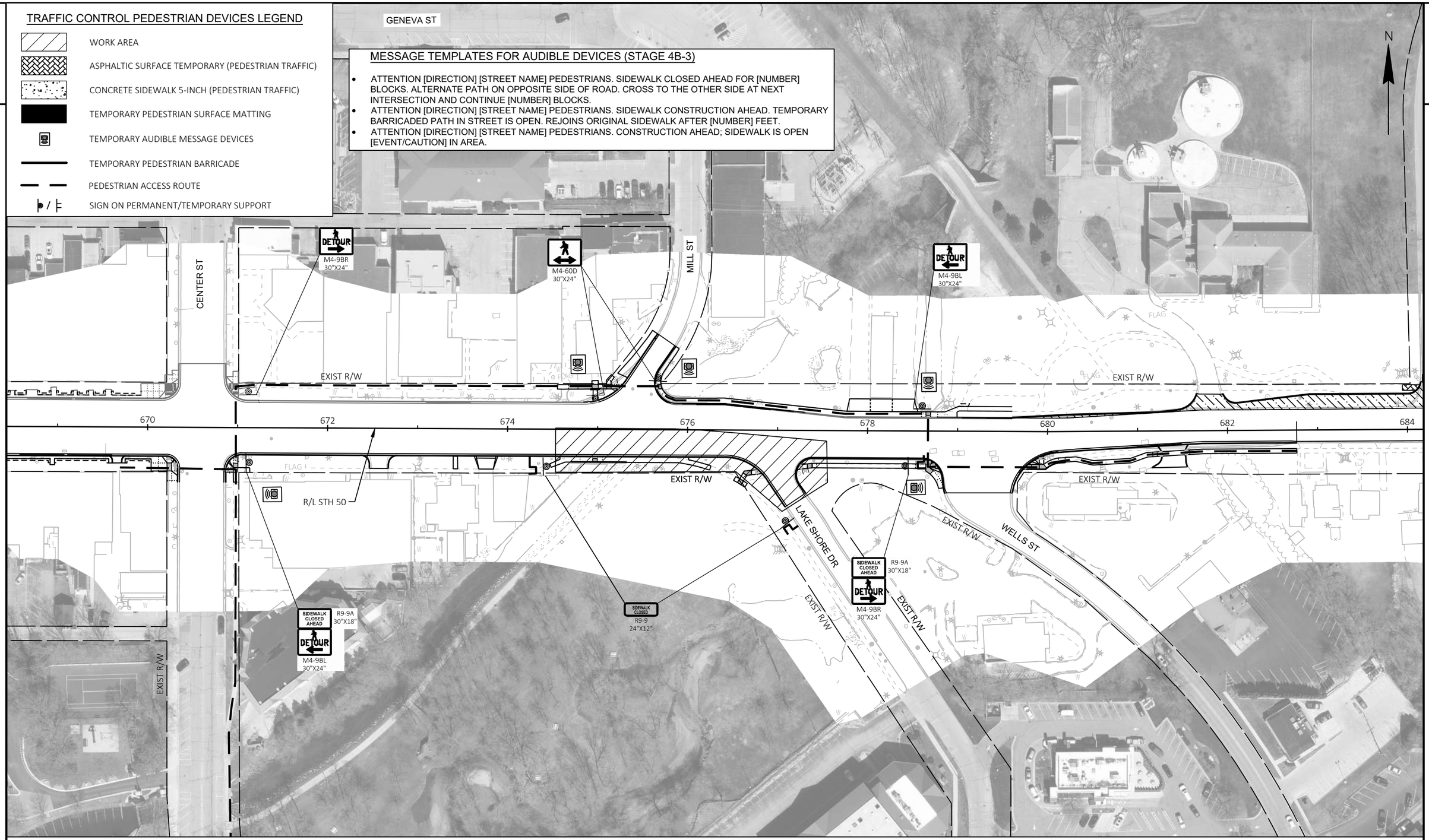
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-3 PLAN (VEHICLES)	SHEET 401	E

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-3)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.



MATCH LINE A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-3 PLAN (PEDESTRIANS)	SHEET 402	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026417-S4B3_PED.DWG
LAYOUT NAME - 04b3-tc ped-01

PLOT DATE : 9/28/2026 10:50 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

MATCH LINE A

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4B-3)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

N

M4-60D
30"X24"

M4-60D
30"X24"

SIDEWALK CLOSED AHEAD
DETOUR
R9-9A
30"X18"
M4-9BL
30"X24"

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4B-3 PLAN (PEDESTRIANS)	SHEET 403	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026417-S4B3_PED.DWG
LAYOUT NAME - 04b3-tc ped-02

PLOT DATE : 9/28/2026 10:50 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

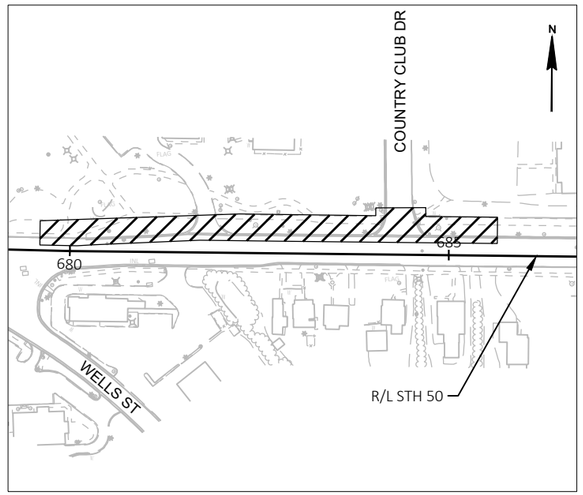
STAGE 4C - CONSTRUCTION

- REMOVE TEMPORARY WIDENING AND CONSTRUCT FINAL CURB AND GUTTER LINE.
- INSTALL FINAL PAVEMENT MARKINGS.

STAGE 4C - TRAFFIC

- WB SHOULDER CLOSURE TO ALLOW FOR BI-DIRECTIONAL TRAFFIC.
- CLOSE WB STH 50 LEFT TURN LANE AT WELLS ST.
- EB STH 50 TRAFFIC ON FINAL CONFIGURATION.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN IN EXISTING CONFIGURATION.

DETAIL A

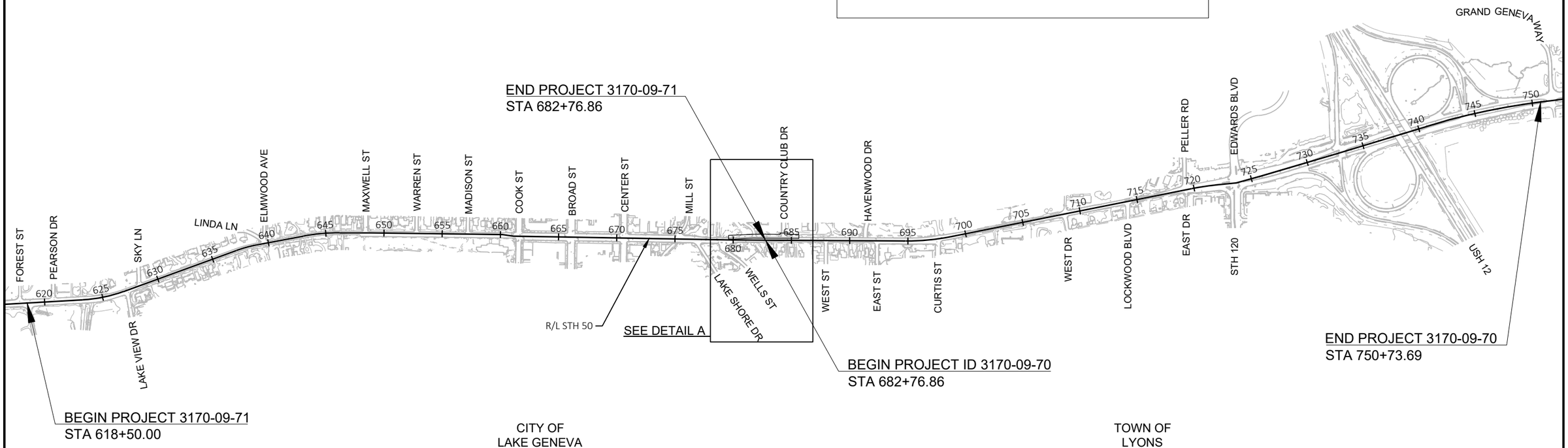


LEGEND

WORK AREA

N

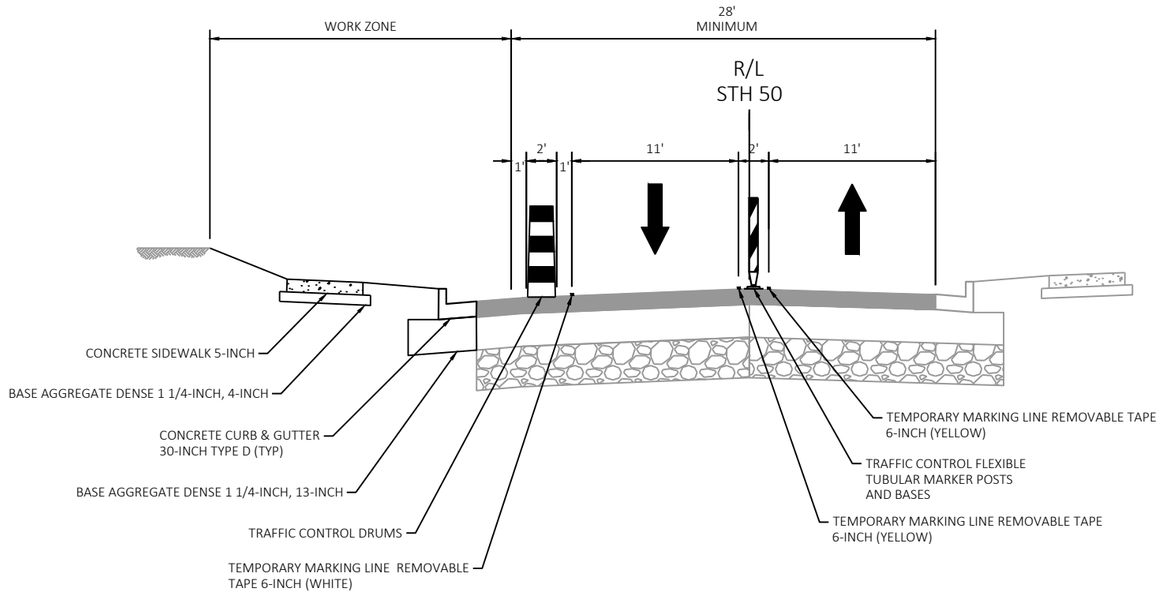
2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4C OVERVIEW	SHEET 404	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026420-S4C_OVERVIEW.DWG
LAYOUT NAME - 04c-tc over
PLOT DATE : 8/1/2026 11:24 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT
WISDOT/CADDS SHEET 42

2



STAGE 4C TYPICAL SECTION

STH 50

STA 679+60 TO STA 685+48

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

COUNTRY CLUB DR

500'

MILL ST

END ROAD WORK
G20-2A
48"X24"

TT10W

TTSL

+60.28
7.00' RT

TT6W

TT6Y

100' TYP.

15' TYP

22', 2', 11'

676

678

+15.17
7.00' RT

TTA

500'

250'

250'

ROAD WORK AHEAD
W20-1A

ROAD WORK 500 FT
W20-1D

ROAD WORK 250 FT
W20-1H

500'

LAKE SHORE DR

500'

WELLS ST

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ONLY
R3-5R
30"X36"

TT6W

25'
TYP

682

684

+10.48
9.01' RT

TT6Y

11', 2', 11'

+71.68
0.00'

25'
TYP

+03.38
0.00'

+60.21
0.00'

55'

62'
TAPER

200'

15'
TYP

W1-4L
36"X36"

200'

ROAD WORK AHEAD
W20-1A

HAVENWOOD DR

686

688

690

LANE CLOSED
R11-2L
48"X30"

TT6W

TT6Y

+02.66
0.00'

+65.63
10.32' LT

W1-6
48"X24"

500'

WEST ST

+51.27
1.00' RT

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4C PLAN (VEHICLES)	SHEET 406	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026422-S4C_PLAN.DWG
LAYOUT NAME - 04c-tc plan-01

PLOT DATE : 7/28/2026 8:34 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

MILL ST

COUNTRY CLUB DR

WELLS ST

WEST ST

LAKE SHORE DR

HAVENHO

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"
DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

STAIRS CLOSED
FMS

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"
DETOUR
M4-9BL
30"X24"

676 678 680 682 684 686 688 690

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

R/L STH 50

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

FLAG

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 4C)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 4C (PEDESTRIANS)	SHEET 407	E

STAGE 5A - CONSTRUCTION

- INSTALL NEW STORM SEWER ALONG NEW CURB AND GUTTER LINE.
- CONSTRUCT CURB AND GUTTER, SIDEWALK AND SHARED USE PATH ON NORTH HALF OF ROAD BETWEEN CURTIS ST AND EDWARDS BLVD.
- CONSTRUCT CURB RAMPS ON NORTH HALF OF STH 50.

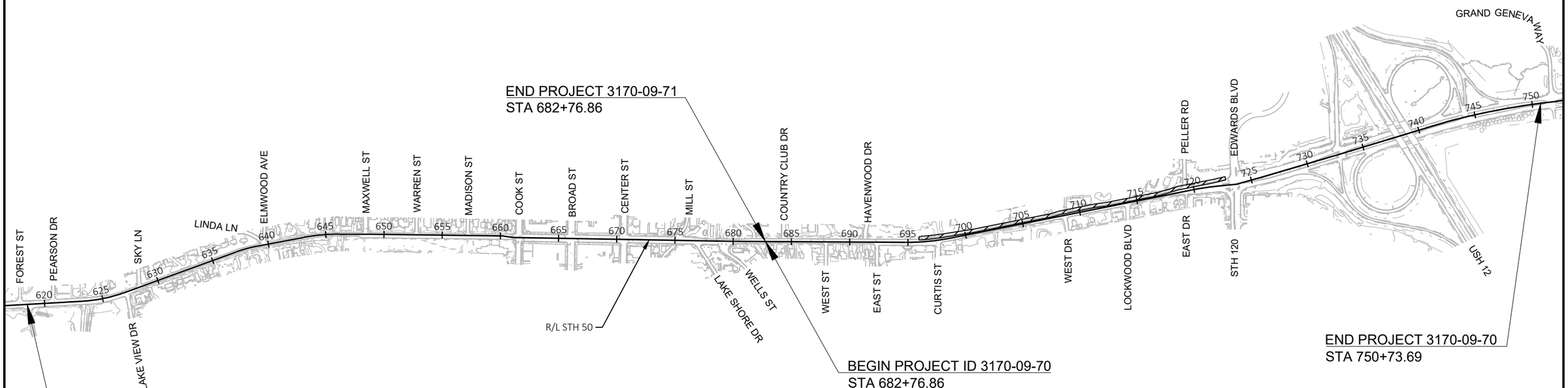
STAGE 5A - TRAFFIC

- SHOULDER CLOSURE ALONG WORK ZONE.
- TWO-WAY LEFT TURN LANE TO BE REMOVED DURING CONSTRUCTION.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN ON EXISTING CONFIGURATION.

LEGEND

WORK AREA

N

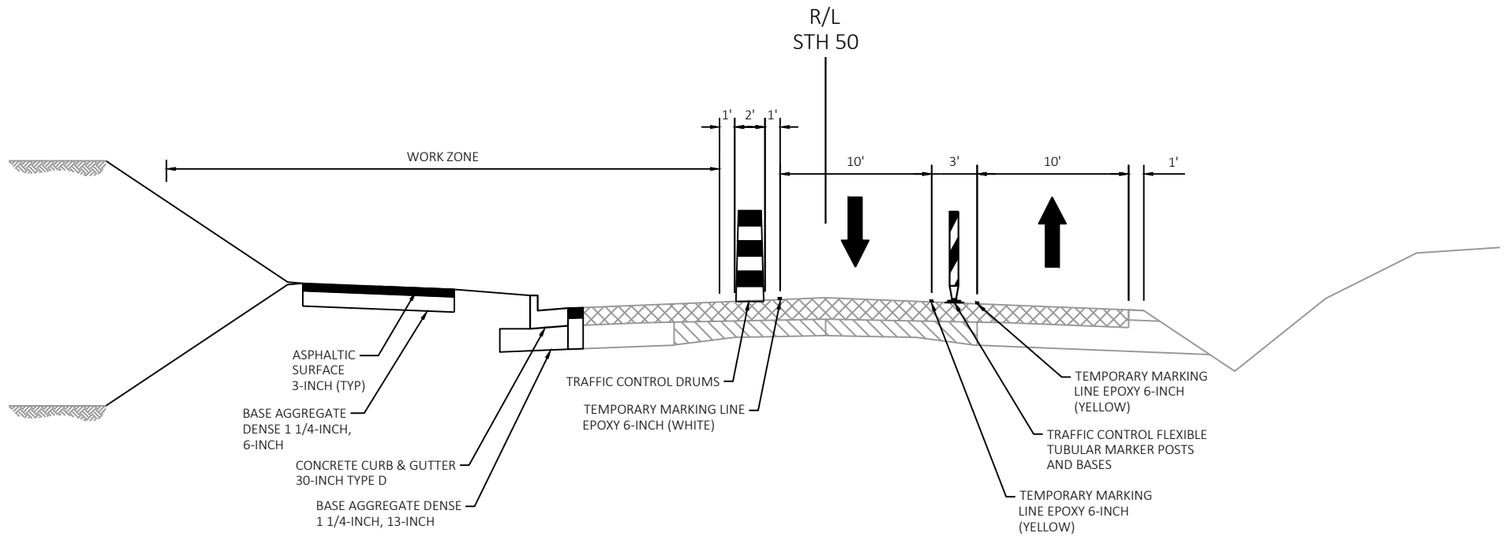


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5A OVERVIEW	SHEET 408	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026500-S5A_OVERVIEW.DWG
LAYOUT NAME - 05a-tc over

PLOT DATE : 8/1/2026 11:28 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

2



STAGE 5A TYPICAL SECTION

STH 50

STA 697+52 - STA 723+65

2

2

N

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

500'

COUNTRY CLUB DR

R/L STH 50

TLE

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

M4-60R 30"X24"

+25.00 1.50' LT

TE10W

TEA

TE6W

TE6DP

LANE CLOSED R11-2L 48"X30"

SIDEWALK CLOSED R9-9 24"X12"

TESL

R1-1 30"X30"

STOP

HAVENWOOD DR

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

SIDEWALK CLOSED R9-9 24"X12"

M4-60L 30"X24"

+07.82 0.52' LT

+61.01 0.50' LT

50' TYP

11', 3', 11'

50' TYP

R1915'

SIDEWALK CLOSED R9-9 24"X12"

EXIST R/W

TLE

682 684 686 688 690 692 694 696

MATCH LINE STA 696+50

FLAG

WEST ST

EXIST R/W

TE6Y

3', 11'

+03.29 0.53' LT

+67.75 0.42' LT

TLE

EAST ST

+99.80 0.50' LT

TE6Y

TE6W

R1917'

M4-60L 30"X24"

LANE CLOSED R11-2L 48"X30"

M4-60R 30"X24"

STOP

TTSL

500' 500' 500' 500'

ROAD WORK AHEAD W20-1A

ROAD WORK 500 FT W20-1D

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

ROAD WORK AHEAD W20-1A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5A PLAN (VEHICLES AND PEDESTRIANS)	SHEET 410	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026502-S5A_PLAN.DWG
LAYOUT NAME - 05a-tc plan-01

PLOT DATE : 8/1/2026 10:01 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

R11-2L
48"X30"
LANE CLOSED

R1-1
30"X30"
STOP

SEE "TRAFFIC CONTROL - TEMPORARY PEDESTRIAN FLAGGING DETAIL"; MOVE OPERATION AS NEEDED TO TRAVERSE PEDESTRIANS THROUGH WORK ZONE.

WETLAND BOUNDARY, TYP

TESL

R/L STH 50

TE6W

TE6Y

+00.83
5.50' RT

TLE

PLE

PROP R/W

698

700

702

704

706

708

710

15' TYP

+05.01
5.50' RT

EXIST R/W

10', 3', 10'

PLE

PLE

RIPRAP

+27.56
5.50' RT

TLE

MATCH LINE STA 696+50

MATCH LINE STA 711+00

CURTIS ST

FLAG

RIPRAP

500'

500'

WEST DR

+94.20
5.50' RT

STOP

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

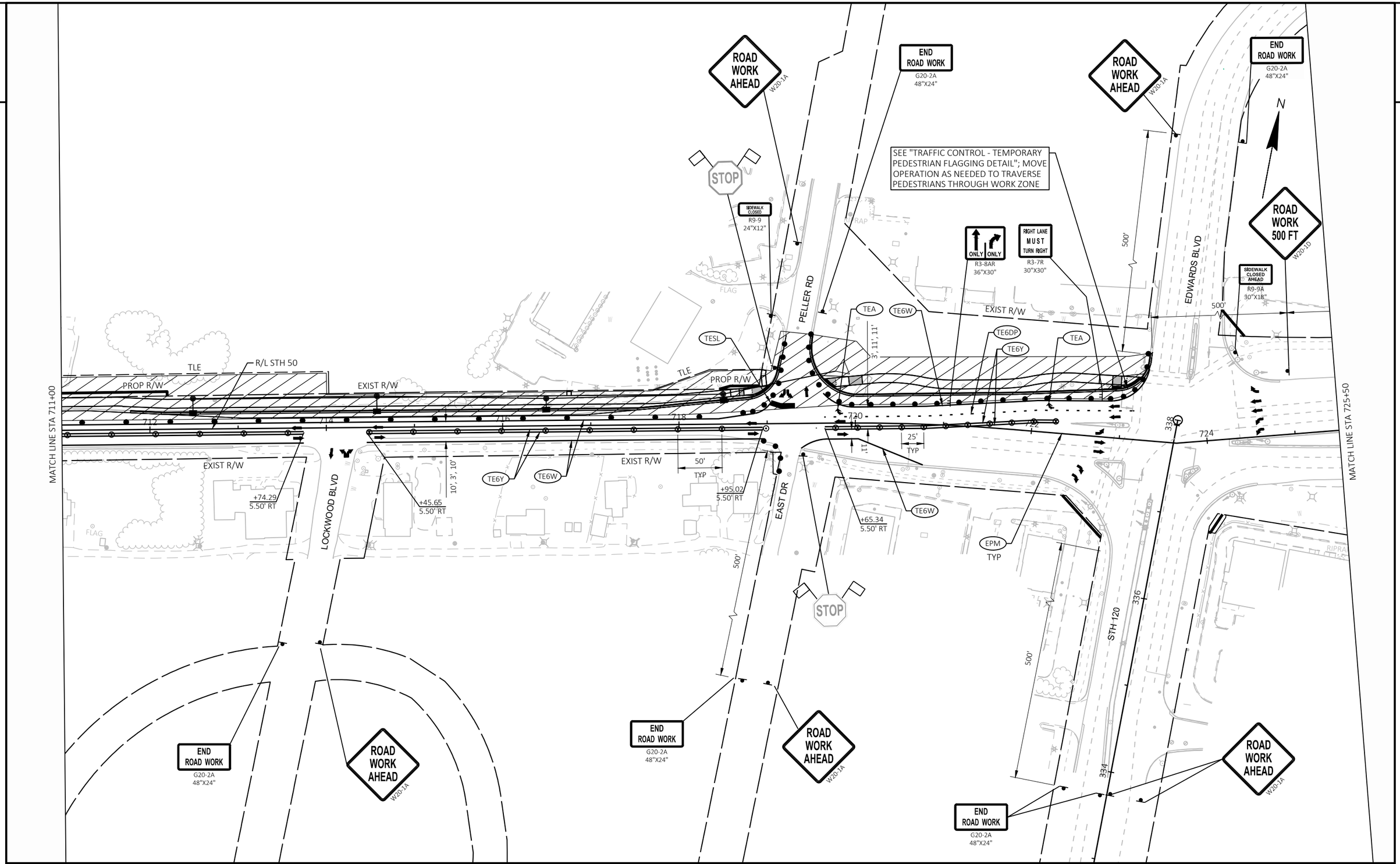
ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5A PLAN (VEHICLES AND PEDESTRIANS)	SHEET 411	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026502-S5A_PLAN.DWG
LAYOUT NAME - 05a-tc plan-02
PLOT DATE : 8/1/2026 10:01 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5A PLAN (VEHICLES AND PEDESTRIANS)	SHEET 412	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026502-S5A_PLAN.DWG
LAYOUT NAME - 05a-tc plan-03
PLOT DATE : 8/1/2026 10:01 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

RIPRAP

ROAD WORK 1000 FT
W20-1C

ROAD WORK AHEAD
W20-1A

500'

1000'

WETLAND BOUNDARY, TYP

USH 12 EB OFF RAMP

MATCH LINE STA 725+50

726 728 730 732 734 736 738 740

R/L STH 50

USH 12 EB ON RAMP

USH 12 EB ON RAMP

USH 12 EB OFF RAMP

USH 12 EB

USH 12 WB

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5A PLAN (VEHICLES AND PEDESTRIANS)	SHEET 413	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026502-S5A_PLAN.DWG
LAYOUT NAME - 05a-tc plan-04
PLOT DATE : 8/1/2026 10:01 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

+24.22 11.50' LT
+25.94 11.50' LT
TE6Y
+98.80 11.50' LT
+69.98 11.50' LT
R/L STH 50
TEA (TYP)
+64.04 11.50' LT
+26.92 12.50' LT
TE10W
TE6DP
+70.52 12.50' LT
TE10W
+04.34 11.00' LT
HAVENWOOD DR
+96.53 12.00' LT
TE6Y
+66.53 12.00' LT
EXIST R/W
EXIST R/W
R7'
682
684
686
688
690
MATCH LINE STA 692+00
FLAG
+24.22 1.50' RT
TE6DP
TE10W
+98.80 1.50' RT
+69.98 1.50' RT
EXIST R/W
+64.04 1.50' RT
+26.92 0.00'
WEST ST
+04.67 1.48' LT
+63.02 1.50' RT
+37.84 9.50' LT
EXIST R/W
+66.53 0.00'
+96.53 0.00'
+04.34 1.50' RT
TE6Y
ROAD WORK AHEAD
W20-2A
200'
R/W
WETLAND BOUNDARY, TYP
END ROAD WORK
G20-2A
48"X24"
TEA
TE10W
TE6DP
+50.51 12.00' LT
TE6Y
+82.15 12.00' LT
R1909'
R1898'
EXIST R/W
LANE CLOSED
R11-2L
48"X30"
+31.86 1.00' LT
15' TYP
+86.37 0.00'
25' TYP
EXIST R/W
R/L STH 50
+14.91 12.94' LT
TE6Y
694
696
698
700
702
704
706
MATCH LINE STA 692+00
EAST ST
EXIST R/W
+50.51 0.00'
+25.00 1.50' LT
+95.89 12.00' LT
RIPRAP
FLAG
EXIST R/W
50' TYP
MATCH LINE STA 706+00
SHOULDER WORK
W21-5
NO PARKING BETWEEN SIGNS
R7-52L 18"X24"
+82.15 1.00' LT
NO PARKING BETWEEN SIGNS
R7-52R 18"X24"
SIDEWALK CLOSED
R9-9 24"X12"
FLAG
RIPRAP
TE6W
ROAD CLOSED
R11-2
48"X30"
ROAD WORK AHEAD
W20-1A
EXIST R/W
CURTIS ST
EXIST R/W
EXIST R/W
R3-1 24"X24"
R3-2 24"X24"
R3-1 24"X24"
ROAD CLOSED
R11-2
48"X30"
MATCH LINE "CURTIS ST"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5B PLAN (VEHICLES AND PEDESTRIANS)	SHEET 414	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026512-S5B_PLAN.DWG
LAYOUT NAME - 05b-tc plan-01
PLOT DATE : 8/1/2026 11:40 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

STAGE 5B - CONSTRUCTION

- CONSTRUCT CURB RAMPS ON SOUTH HALF OF STH 50.
- INSTALL DRIVEWAY CULVERT AT STA 750+35 RT (LAKE GENEVA LANES EAST DRIVEWAY).

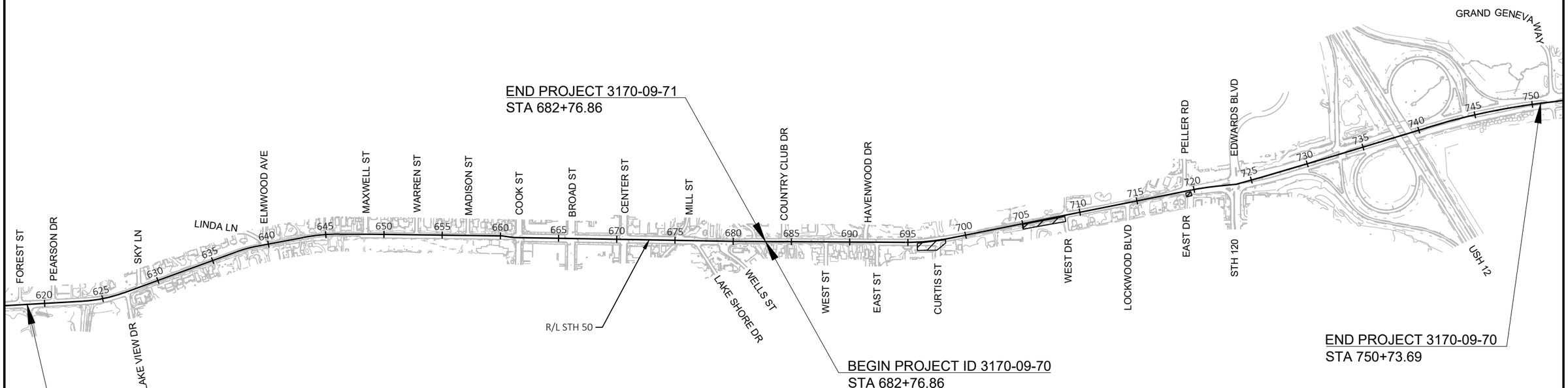
STAGE 5B - TRAFFIC

- SHOULDER CLOSURE ALONG WORK ZONE.
- TWO-WAY LEFT TURN LANE TO BE REMOVED DURING CONSTRUCTION.
- CLOSE CURTIS ST AT STH 50.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN ON EXISTING CONFIGURATION.

LEGEND

WORK AREA

N

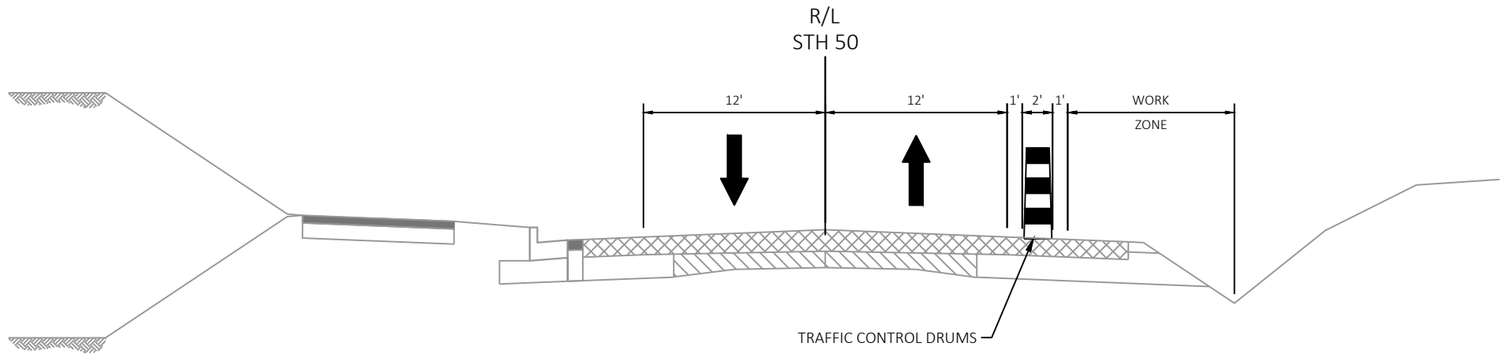


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5B OVERVIEW	SHEET 415	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026510-S5B_OVERVIEW.DWG
LAYOUT NAME - 05b-tc over

PLOT DATE : 8/1/2026 11:33 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

2



STAGE 5B TYPICAL SECTION

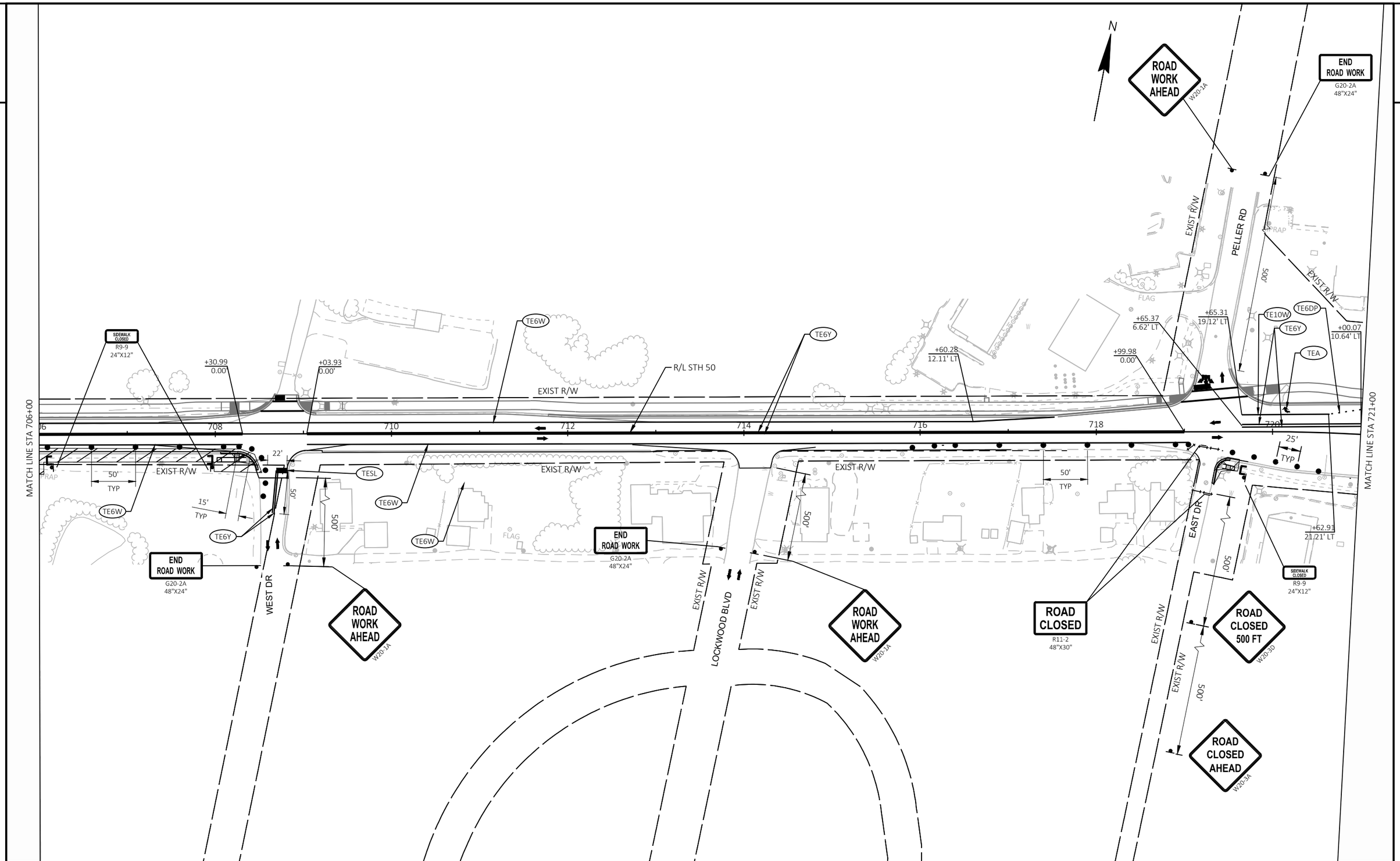
STH 50

STA 697+52 - STA 723+65

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5B TYPICAL SECTIONS	SHEET 416	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026511-S5B_TYP.DWG
LAYOUT NAME - 05b-tc typs
PLOT DATE : 8/1/2026 10:19 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

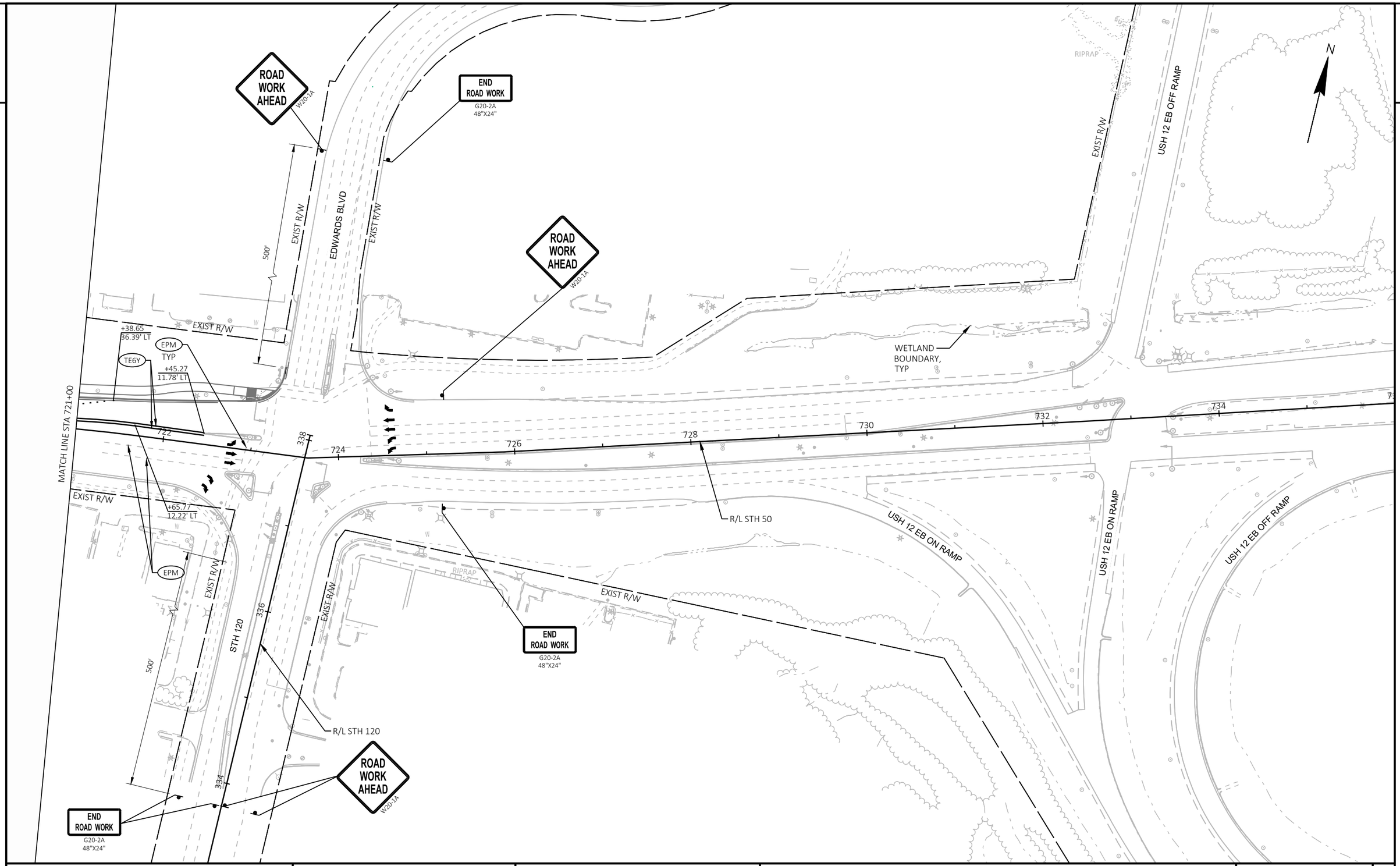
2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5B PLAN (VEHICLES AND PEDESTRIANS)	SHEET 417	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026512-S5B_PLAN.DWG
LAYOUT NAME - 05b-tc plan-02
PLOT DATE : 8/1/2026 11:40 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5B PLAN (VEHICLES AND PEDESTRIANS)	SHEET 418	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026512-S5B_PLAN.DWG
LAYOUT NAME - 05b-tc plan-03
PLOT DATE : 8/1/2026 11:40 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

MATCH LINE "CURTIS ST"

2

2

N

DARWIN ST

EAST ST

CASS ST

CURTIS ST

HIGHLAND WAY

MANNING WAY

R3-1
24"X24"

R3-2
24"X24"

END
ROAD WORK
G20-2A
48"X24"

ROAD
CLOSED
R11-2
48"X30"

ONLY
R3-50L
30"X36"

PCMS

DURING CONSTRUCTION

PCMS MESSAGING

FRAME 1	FRAME 2
HWY 50 NO ACCESS	USE ALT ROUTE

ROAD
CLOSED
500 FT
W20-3D

500'

ROAD
CLOSED
1000 FT
W20-3C

500'

ROAD
CLOSED
AHEAD
W20-3A

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5B PLAN (VEHICLES AND PEDESTRIANS)	SHEET 419	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026512-S5B_PLAN.DWG
LAYOUT NAME - 05b-tc plan-04

PLOT DATE : 8/1/2026 11:40 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

STAGE 5C - CONSTRUCTION

- MILL AND OVERLAY EB AND WB STH 50 ONE DIRECTION AT A TIME.

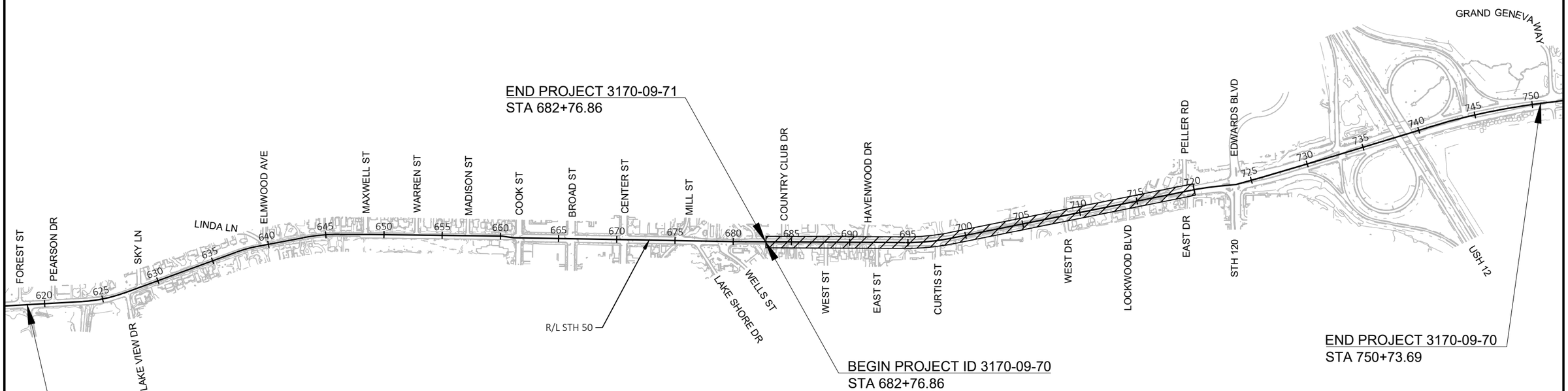
STAGE 5C - TRAFFIC

- ONE LANE FLAGGING OPERATION THROUGH TWO LANE SECTION.
- FLAGGERS TO BE A MAXIMUM OF A HALF MILE APART. ADJUST SIGNS AND FLAGGER LOCATIONS AS DIRECTED BY THE ENGINEER.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN ON EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



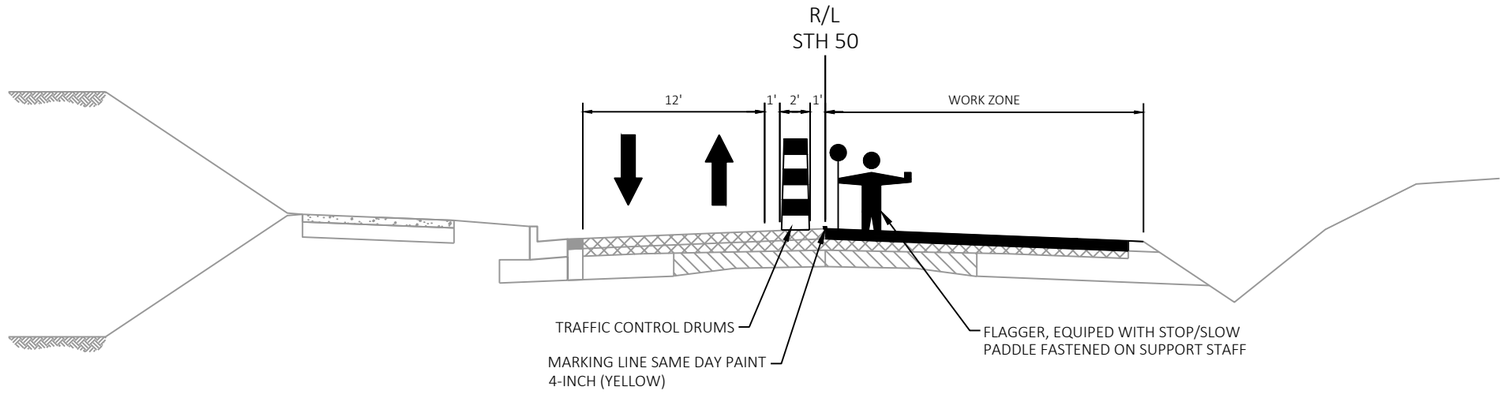
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5C OVERVIEW	SHEET 420	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026520-S5C_OVERVIEW.DWG
LAYOUT NAME - 05c-tc over

PLOT DATE : 8/1/2026 11:37 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

WISDOT/CADDS SHEET 42

2



STAGE 5C TYPICAL SECTION

STH 50

STA 697+52 - STA 723+65

2

N

MILL ST

TEMPORARY TAPE
RUMBLE STRIP ORANGE

COUNTRY CLUB DR

END
ROAD WORK
G20-2A
48"X24"

W20-7A

200'

R/L STH 50

END
ROAD WORK
G20-2A
48"X24"

676 678 680 682 684 686 688 690

MATCH LINE STA 691+00

PCMS

200' 200' 200' 200' 200' 250' (TYP.)

ROAD
WORK
AHEAD
W20-1A

RUMBLE
STRIPS
AHEAD
W21-5S

ONE LANE
ROAD
AHEAD
W20-4A

BE
PREPARED
TO STOP
W3-4

W20-7A

LAKE SHORE DR

WELLS ST

WEST ST

200'

END
ROAD WORK
G20-2A
48"X24"

W20-7A

DURING CONSTRUCTION

PCMS MESSAGING

FRAME 1	FRAME 2
FLAGGER AHEAD	BE PREPARED TO STOP

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5C PLAN (VEHICLES)	SHEET 422	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026522-S5C_PLAN.DWG
LAYOUT NAME - 05c-tc plan-01

PLOT DATE : 8/1/2026 11:31 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

WETLAND BOUNDARY, TYP

R/L STH 50

MATCH LINE STA 691+00

MATCH LINE STA 706+00

HA VENWOOD DR

EAST ST

CURTIS ST

END ROAD WORK
G20-2A
48"X24"

200'

W20-7A

RIPRAP

SIGN

FLAG

MH

692

694

696

698

700

702

704

PROJECT NO: 3170-09-70/71/81 | HWY: STH 50 | COUNTY: WALWORTH | TRAFFIC CONTROL - STAGE 5C PLAN (VEHICLES) | SHEET 423 | E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026522-S5C_PLAN.DWG
LAYOUT NAME - 05c-tc plan-02

PLOT DATE : 8/1/2026 11:31 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

MATCH LINE STA 706+00

MATCH LINE STA 721+00

R/L STH 50

EXIST R/W

706 708 710 712 714 716 718 720

PELLER RD

500'

WEST DR

200'

EAST DR

500'

LOCKWOOD BLVD

EXIST R/W

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

W20-7A

SIGN

MH

INL

FLAG

PRAP

OSS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5C PLAN (VEHICLES)	SHEET 424	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026522-S5C_PLAN.DWG
LAYOUT NAME - 05c-tc plan-03

PLOT DATE : 8/1/2026 11:31 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

BE PREPARED TO STOP W03-4

W20-7A

ONE LANE ROAD AHEAD W20-4A

RUMBLE STRIPS AHEAD W21-6S

ROAD WORK AHEAD W20-1A

ROAD WORK AHEAD W20-1A

DURING CONSTRUCTION

PCMS MESSAGING

FRAME 1	FRAME 2
FLAGGER AHEAD	BE PREPARED TO STOP

PCMS

TEMPORARY TAPE RUMBLE STRIP ORANGE

TEMPORARY TAPE RUMBLE STRIP ORANGE

500'

500'

500'

EDWARDS BLVD

EXIST R/W

USH 12 EB OFF RAMP

N

MATCH LINE STA 721+00

R/W

EXIST R/W

STH 120

USH 12 EB ON RAMP

USH 12 EB OFF RAMP

722 724 726 728 730 732 734

336 334

EPM

EPM TYP

R/L STH 50

R/L STH 120

RIPRAP

INL

SIGN

MH

OSS

END ROAD WORK G20-2A 48"X24"

PLACE SIGN ON TEMPORARY SUPPORT AT STA 737+00 RT

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 5C PLAN (VEHICLES)	SHEET 425	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026522-S5C_PLAN.DWG
LAYOUT NAME - 05c-tc plan-04

PLOT DATE : 8/1/2026 11:31 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

STAGE 6A - CONSTRUCTION

- CONSTRUCT NEW ISLANDS AT SW, SE, AND NE QUADRANTS OF STH 50 AND STH 120/EDWARDS BLVD INTERSECTION.
- CONSTRUCT NEW CURB RETURN AT SE QUADRANTS OF STH 50 AND STH 120/EDWARDS BLVD INTERSECTION.
- INSTALL OVERHEAD SIGN STRUCTURE S-64-610.
- MILL AND OVERLAY OUTSIDE LANE OF EB AND WB DIRECTIONS OF STH 50.
- USH 12 RAMP WORK; THIS WORK CANNOT BEGIN UNTIL STAGES 5A, 5B, AND 5C HAVE BEEN COMPLETED.

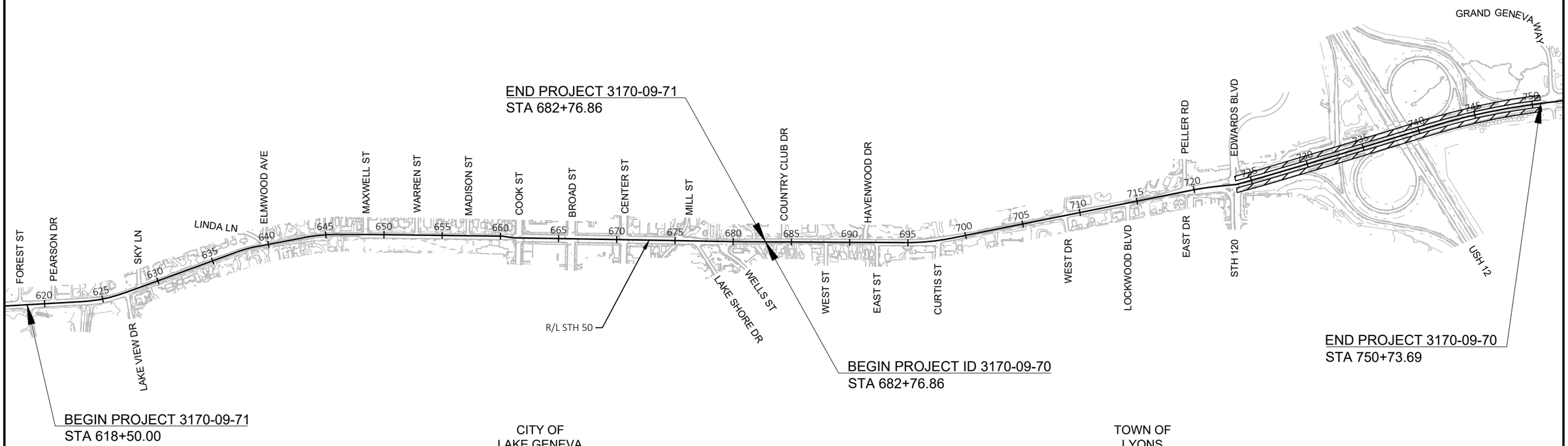
STAGE 6A - TRAFFIC

- TRAFFIC REDUCED TO ONE LANE IN BOTH EB AND WB DIRECTIONS WITH SINGLE LANE CLOSURES AT USH 12 INTERCHANGE.
- ACCESS TO ON AN OFF RAMPS TO REMAIN OPEN EXCEPT FOR SHORT TERM PAVING OPERATIONS.
- RESTRICT LEFT TURNS AT STH 120/EDWARDS BLVD INTERSECTION.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN ON EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



END PROJECT 3170-09-71
STA 682+76.86

BEGIN PROJECT ID 3170-09-70
STA 682+76.86

END PROJECT 3170-09-70
STA 750+73.69

BEGIN PROJECT 3170-09-71
STA 618+50.00

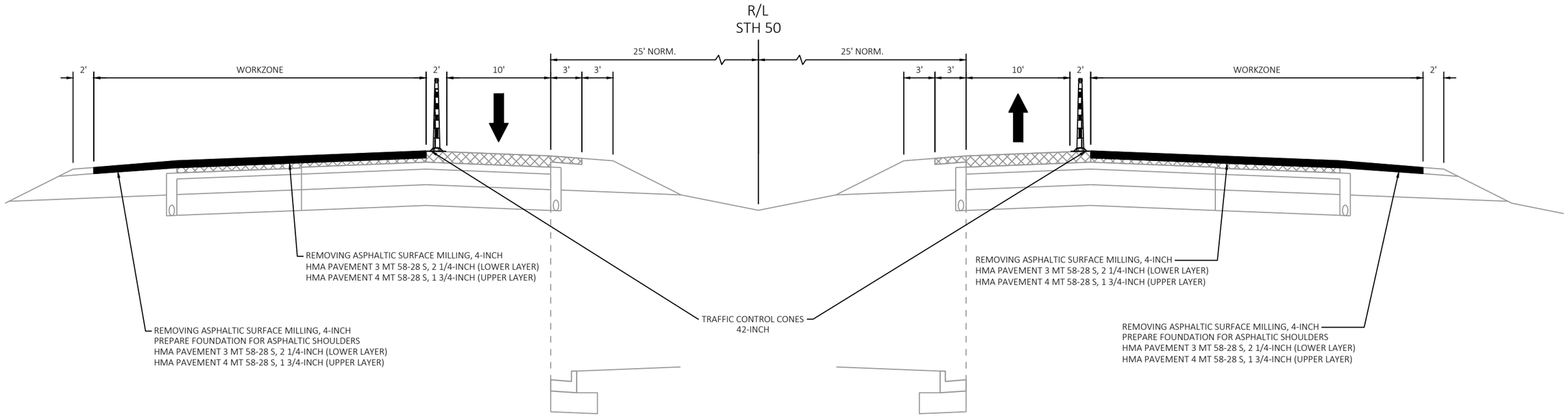
CITY OF
LAKE GENEVA

TOWN OF
LYONS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6A OVERVIEW	SHEET 426	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026600-S6A_OVERVIEW.DWG
LAYOUT NAME - 06a-tc over
PLOT DATE : 8/1/2026 11:41 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT
WISDOT/CADDS SHEET 42

2



STAGE 6A TYPICAL SECTION

STH 50

STA 723+65 - STA 750+74

2

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

WO11-2 48"X48"

AHEAD WO16-9P 24"X12"

WO16-7 24"X12"

FLAG

PELLER RD

500'

EXIST R/W

RAP

R3-2 24"X24"

TTCW

25' (TYP)

R11-2L 48"X30"

LANE CLOSED

R3-8LF 36"X30"

EDWARDS BLVD

PCMS

50'(TYP.)

15'(TYP.)

350'

350'

RIGHT LANE CLOSED AHEAD W20-5A

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

N

KEEP SHARED THRU LANE AND RIGHT TURN OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES; INSIDE LEFT TURN WILL TEMPORARILY BE USED AS THRU LANE DURING CONSTRUCTION WITHIN NON-PEAK TIMES

WO5-1 48"X48"

ROAD NARROWS

R3-8LLF 54"X30"

TE6W

EXIST R/W

R/L STH 50

25' (TYP)

50' (TYP)

716

718

720

722

724

726

728

730

338

336

334

50'(TYP)

MATCH LINE STA 730+50

USH 12 EB DN RAMP

RAMP CLOSED R11-2R 48"X30"

R3-20R 24"X36"

BEGIN RIGHT TURN LANE

KEEP RAMP OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES, SEE "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY" IN THE CONSTRUCTION DETAILS.

RIPRAP

R3-8LAR 54"X30"

KEEP THRU LANE AND INSIDE RIGHT TURN OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES

PLACE ROAD WORK AHEAD SIGN PRIOR TO SOUTH DRIVEWAY OF WALMART

PCMS

1000'

500'

500'

ROAD WORK 1000 FT W20-1C

ROAD WORK 500 FT W20-1D

EAST DR

+46.61 12.00' RT

KEEP INSIDE RIGHT TURN OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES

STH 120

R/L STH 120

WHEN FLAGGERS PRESENT

PCMS MESSAGING

FRAME 1	FRAME 2
FLAGGER AHEAD	BE PREPARED TO STOP

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6A PLAN (VEHICLES)	SHEET 428	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026602-S6A_PLAN.DWG
LAYOUT NAME - 06a-tc plan-01
PLOT DATE : 8/3/2026 12:10 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

ROAD WORK AHEAD
W20-1A

RIPRAP

EXIST R/W

500'

USH 12 EB OFF RAMP

500'

KEEP RAMP OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES, SEE "DETOUR - STAGE 6A (USH 12 EB EXIT RAMP; STH 50 WB OR EB)"

R11-2L
48"X30"

LANE CLOSED

(PLACE 500' IN ADVANCE OF WO3-2)

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

N

DO NOT CLOSE BOTH USH 12 WB ON-RAMPS AT THE SAME TIME

KEEP RAMP OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES, SEE "DETOUR - STAGE 6A (USH 12 WB EXIT RAMP; STH 50 WB AND EB)"

(PLACE 500' IN ADVANCE OF YIELD SIGN, R1-2)

WO3-2

YIELD
R1-2
36"X31"

USH 12 WB OFF RAMP

USH 12 WB OFF RAMP

USH 12 WB ON RAMP

R/L STH 50

R11-2L
48"X30"

LANE CLOSED

EXIST R/W

MATCH LINE STA 730+50

732

734

736

738

740

742

744

MATCH LINE STA 745+00

50' (TYP)

10'

50' (TYP)

LANE CLOSED
R11-2L
48"X30"

USH 12 EB OFF RAMP

YIELD
R1-2
36"X31"

USH 12 (EB)

USH 12 (WB)

LANE CLOSED
R11-2L
48"X30"

USH 12 EB ON RAMP

USH 12 EB ON RAMP

KEEP RAMP OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES, SEE "DETOUR - STAGE 6A (USH 12 EB EXIT RAMP; STH 50 WB OR EB)"

(PLACE 500' IN ADVANCE OF YIELD SIGN, R1-2)

WO3-2

DO NOT CLOSE BOTH USH 12 EB ON-RAMPS AT THE SAME TIME

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

(PLACE 500' IN ADVANCE OF WO3-2)

EXIST R/W

2

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6A PLAN (VEHICLES)	SHEET 429	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026602-S6A_PLAN.DWG
LAYOUT NAME - 06a-tc plan-02
PLOT DATE : 8/3/2026 12:10 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

KEEP RAMP OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES, SEE "TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE SHORT TERM ONLY" IN THE CONSTRUCTION DETAILS.

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

GRAND GENEVA WAY

EXIST R/W

500'

LANE CLOSED
R11-2L
48"X30"

RAMP CLOSED
R11-2R
48"X30"

USH 12 WB ON RAMP

800'

END ROAD WORK
G20-2A
48"X24"

LANE CLOSED
R11-2L
48"X30"

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

LANE CLOSED
R11-2L
48"X30"

W1-6
48"X24"

25'(TYP.)

12'

MATCH LINE STA 745+00

MATCH LINE STA 759+50

746 748 750 752 754 756 758

10'

50' (TYP)

100'

50'

100'

100'(TYP.)

RIPRAP

R/L STH 50

TE6W

LANE CLOSED
R11-2L
48"X30"

EXIST R/W

500'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

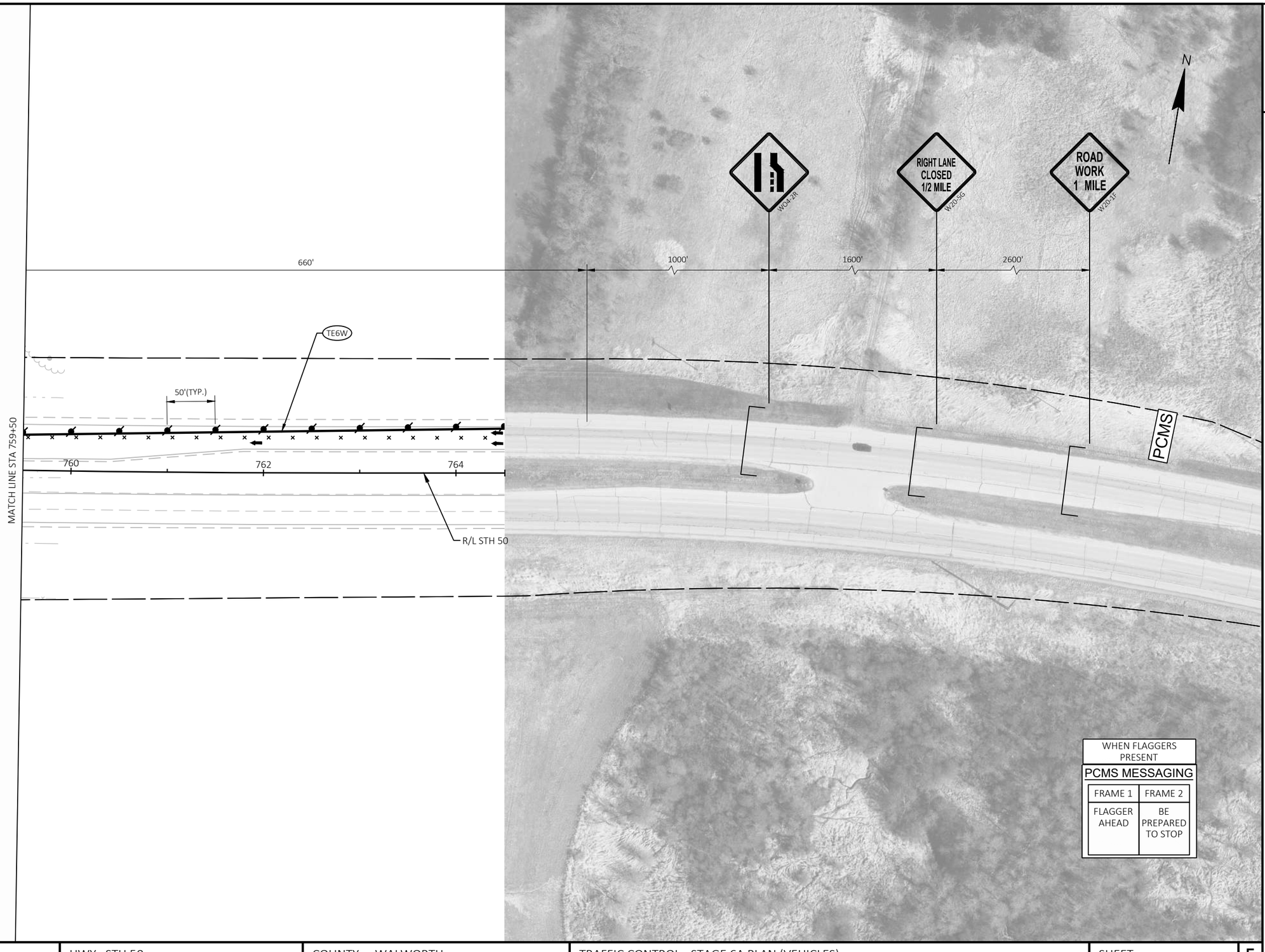
N

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6A PLAN (VEHICLES)	SHEET 430	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026602-S6A_PLAN.DWG
LAYOUT NAME - 06a-tc plan-03

PLOT DATE : 8/3/2026 12:10 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6A PLAN (VEHICLES)	SHEET 431	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026602-S6A_PLAN.DWG
LAYOUT NAME - 06a-tc plan-04

PLOT DATE : 8/3/2026 12:10 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

MESSAGE TEMPLATES FOR AUDIBLE DEVICES (STAGE 6A)

- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CLOSED AHEAD FOR [NUMBER] BLOCKS. ALTERNATE PATH ON OPPOSITE SIDE OF ROAD. CROSS TO THE OTHER SIDE AT NEXT INTERSECTION AND CONTINUE [NUMBER] BLOCKS.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. SIDEWALK CONSTRUCTION AHEAD. TEMPORARY BARRICADED PATH IN STREET IS OPEN. REJOINS ORIGINAL SIDEWALK AFTER [NUMBER] FEET.
- ATTENTION [DIRECTION] [STREET NAME] PEDESTRIANS. CONSTRUCTION AHEAD; SIDEWALK IS OPEN [EVENT/CAUTION] IN AREA.

TEMPORARY PEDESTRIAN CURB RAMP;
TEMPORARY DETECTABLE WARNING FIELD;
- CURB ELEVATION AT CENTER OF TEMPORARY PEDESTRIAN CURB RAMP: 885.375 (FINISHED ELEVATION)
- SLOPE: 1.00%
- LENGTH: 31 FT

TEMPORARY PEDESTRIAN CURB RAMP;
TEMPORARY DETECTABLE WARNING FIELD;
- CURB ELEVATION AT CENTER OF TEMPORARY PEDESTRIAN CURB RAMP: 892.867 (FINISHED ELEVATION)
- SLOPE: 3.75%
- LENGTH: 11 FT

TEMPORARY PEDESTRIAN CURB RAMP;
TEMPORARY DETECTABLE WARNING FIELD;
- CURB ELEVATION AT CENTER OF TEMPORARY PEDESTRIAN CURB RAMP: 893.360 (FINISHED ELEVATION)
- SLOPE: 0.15%
- LENGTH: 20 FT

SEE "TRAFFIC CONTROL - TEMPORARY PEDESTRIAN FLAGGING DETAIL"

N

EXIST R/W
PELLER RD
EDWARDS BLVD
EAST DR
STH 120
USH 12 EB ON RAMP
RIPRAP
FLAG

M4-60R 30"X24"
M4-60L 30"X24"
M4-60D 30"X24"
R1-6 12"X36"
R9-9 24"X12"
R9-11AL 24"X12"
R9-9A 30"X18"
SIDEWALK CLOSED AHEAD
AHEAD
M4-60A 30"X24"

716 718 720 722 724 726 728 730 338 336 334

TRAFFIC CONTROL PEDESTRIAN DEVICES LEGEND

- WORK AREA
- ASPHALTIC SURFACE TEMPORARY (PEDESTRIAN TRAFFIC)
- CONCRETE SIDEWALK 5-INCH (PEDESTRIAN TRAFFIC)
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY AUDIBLE MESSAGE DEVICES
- TEMPORARY PEDESTRIAN BARRICADE
- PEDESTRIAN ACCESS ROUTE
- SIGN ON PERMANENT/TEMPORARY SUPPORT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6A PLAN (PEDESTRIANS)	SHEET 432	E

STAGE 6B - CONSTRUCTION

- CONSTRUCT NEW MEDIAN AT WEST LEG OF INTERSECTION OF STH 50 AND STH 120/EDWARDS BLVD.
- MILL AND OVERLAY INSIDE LANES OF EB AND WB DIRECTIONS OF STH 50.

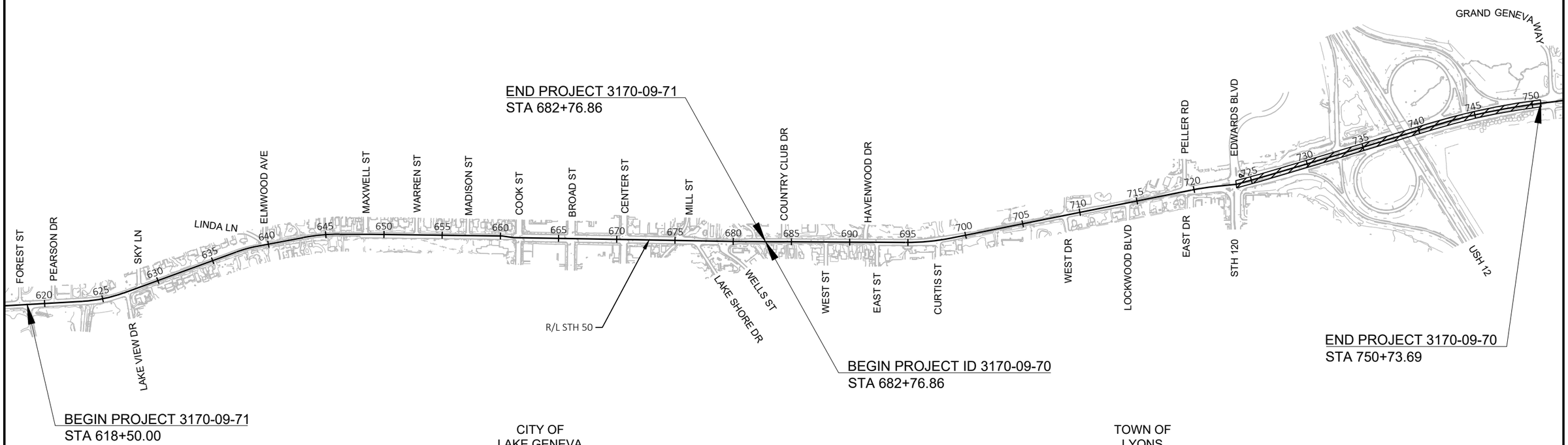
STAGE 6B - TRAFFIC

- TRAFFIC REDUCED TO ONE LANE IN BOTH EB AND WB DIRECTIONS WITH SINGLE LANE CLOSURES AT USH 12 INTERCHANGE.
- ACCESS TO ON AND OFF RAMPS TO REMAIN OPEN EXCEPT FOR SHORT-TERM PAVING OPERATIONS.
- RESTRICT LEFT TURNS AT STH 120/EDWARDS BLVD INTERSECTION.
- ALL OTHER TRAFFIC OUTSIDE OF WORK ZONE IMPACTS TO REMAIN ON EXISTING CONFIGURATION.

LEGEND

WORK AREA

N



END PROJECT 3170-09-71
STA 682+76.86

BEGIN PROJECT ID 3170-09-70
STA 682+76.86

END PROJECT 3170-09-70
STA 750+73.69

BEGIN PROJECT 3170-09-71
STA 618+50.00

CITY OF
LAKE GENEVA

TOWN OF
LYONS

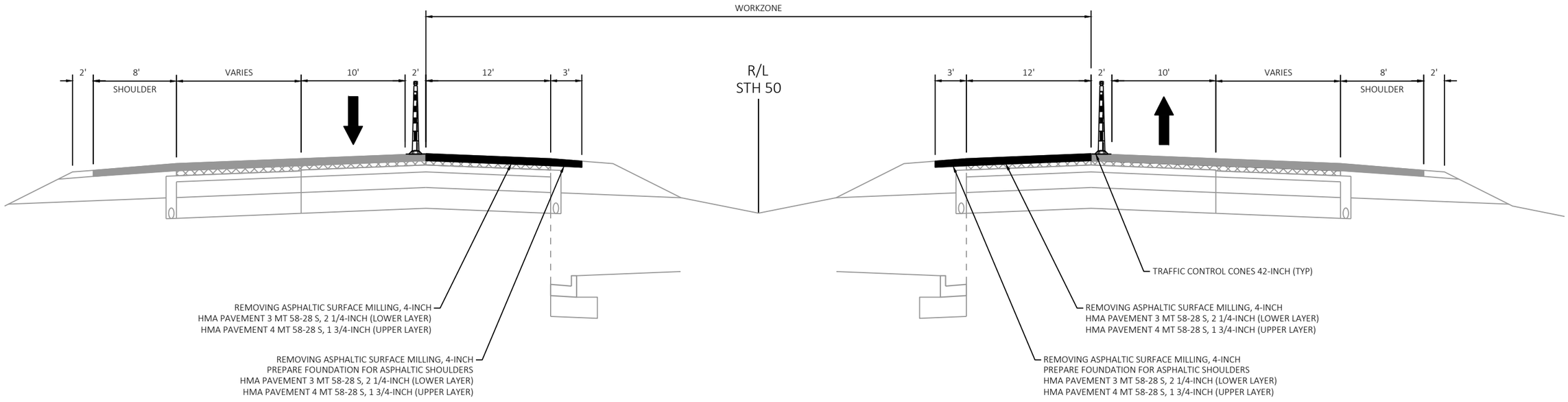
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6B OVERVIEW	SHEET 433	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026610-S6B_OVERVIEW.DWG
LAYOUT NAME - 06b-tc over

PLOT DATE : 8/3/2026 1:58 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:850 FT

WISDOT/CADDS SHEET 42

2



STAGE 6B TYPICAL SECTION

STH 50

STA 723+65 - STA 750+74

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6B TYPICAL SECTIONS	SHEET 434	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026611-S6B_TYP.DWG
LAYOUT NAME - 06b-tc typs
PLOT DATE : 8/2/2026 12:14 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

PCMS

EDWARDS BLVD

TT6DP

15' TYP

KEEP LEFT TURN LANE OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES

ONLY ONLY ONLY
R3-8LAR
54"X30"

TT10W

LANE CLOSED
R11-2L
48"X30"

ONLY
R3-8LF
36"X30"

R/L STH 50

EXIST R/W

TTSL

TTA

25' TYP

PELLER RD

500'

FLAG

TRAP

R3-2
24"X24"

716 718 720 722 724 726 728 730

338 336 334

15'

11'

1000' 500' 500'

BEGIN RIGHT TURN LANE
R3-20RR
24"X36"

USH 12 EB ON RAMP

50' TYP

MATCH LINE STA 730+50

ROAD WORK 1000 FT
W20-1C

ROAD WORK 500 FT
W20-1D

EAST DR

RIPRAP

STH 120

WHEN FLAGGERS PRESENT

PCMS MESSAGING

FRAME 1	FRAME 2
FLAGGER AHEAD	BE PREPARED TO STOP

KEEP LEFT TURN LANE OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES

KEEP LEFT TURN LANE OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES

PLACE ROAD WORK AHEAD SIGN PRIOR TO SOUTH DRIVEWAY OF WALMART

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6B PLAN (VEHICLES)	SHEET 435	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026612-S6B_PLAN.DWG
LAYOUT NAME - 06b-tc plan-01

PLOT DATE : 8/2/2026 1:37 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

ROAD WORK AHEAD
W20-1A

RIPRAP

EXIST R/W

EXIST R/W

500'

500'

USH 12 EB OFF RAMP

LANE CLOSED
R11-2L
48"X30"

WO1-6
48"X24"

LANE CLOSED
R11-2L
48"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

(PLACE 500' IN ADVANCE OF WO3-2)

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

N

(PLACE 500' IN ADVANCE OF YIELD SIGN, R1-2)

WO3-2

YIELD
R1-2
36"X31"

LANE CLOSED
R11-2L
48"X30"

USH 12 WB OFF RAMP

USH 12 WB OFF RAMP

USH 12 WB ON RAMP

R/L STH 50

LANE CLOSED
R11-2L
48"X30"

50' (TYP)

MATCH LINE STA 730+50

732

734

736

50'

738

125'

740

742

744

MATCH LINE STA 745+00

10'

10'

10'

LANE CLOSED
R11-2L
48"X30"

USH 12 EB ON RAMP

USH 12 EB OFF RAMP

YIELD
R1-2
36"X31"

LANE CLOSED
R11-2L
48"X30"

USH 12 (EB)

USH 12 (WB)

LANE CLOSED
R11-2L
48"X30"

ROAD CLOSED
R11-2
48"X30"

KEEP LEFT TURN LANE OPEN TO TRAFFIC EXCEPT DURING WORK OPERATIONS IN NON-PEAK TIMES

DURING NON-PEAK TIMES AND WHEN WORK IS NOT OCCURRING IN MEDIAN

EXIST R/W

USH 12 EB ON RAMP

USH 12 EB ON RAMP

(PLACE 500' IN ADVANCE OF YIELD SIGN, R1-2)

WO3-2

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

(PLACE 500' IN ADVANCE OF WO3-2)

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6B PLAN (VEHICLES)	SHEET 436	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026612-S6B_PLAN.DWG
LAYOUT NAME - 06b-tc plan-02

PLOT DATE : 8/2/2026 1:37 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

N

GRAND GENEVA WAY

EXIST R/W

500'

LANE CLOSED
R11-2L
48"X30"

WO1-6
48"X24"

USH 12 WB ON RAMP

R/L STH 50

TT6Y

10'

MATCH LINE STA 745+00

746

748

750

752

754

756

758

800'

BEGIN LEFT TURN LANE
R3-20L
24"X36"

W1-6
48"X24"

25' (TYP.)

100'(TYP.)

100'

50'

100'

U/C

MATCH LINE STA 759+50

RIPRAP

EXIST R/W

500'

END ROAD WORK
G20-2A
48"X24"

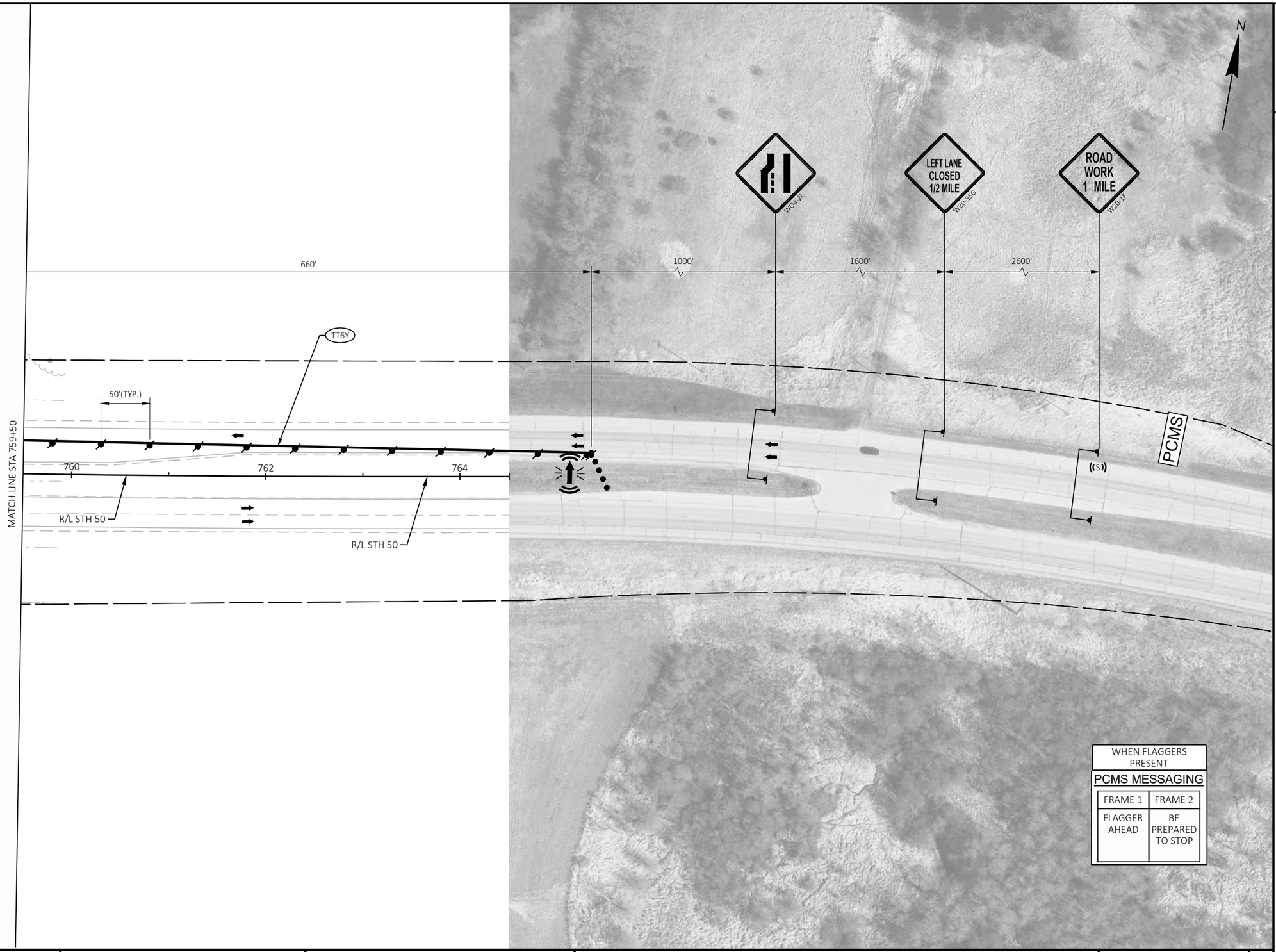
ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6B PLAN (VEHICLES)	SHEET 437	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026612-S6B_PLAN.DWG
LAYOUT NAME - 06b-tc plan-03
PLOT DATE : 8/2/2026 1:37 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

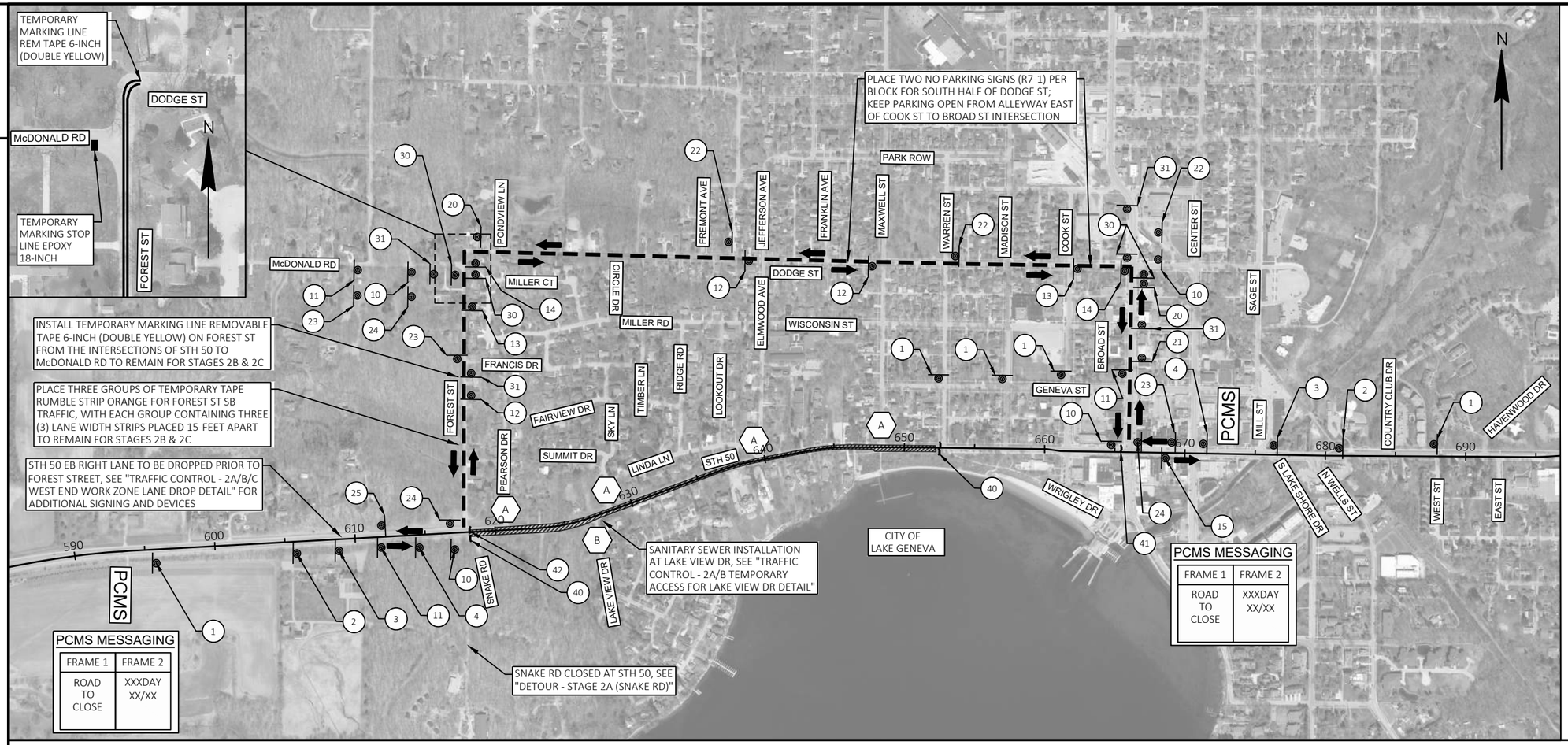
2



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	TRAFFIC CONTROL - STAGE 6B PLAN (VEHICLES)	SHEET 438	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\026612-S6B_PLAN.DWG
LAYOUT NAME - 06b-tc plan-04

PLOT DATE : 8/2/2026 1:37 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT



GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".

THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.

ALL SIGNS ARE 48" X 48" UNLESS NOTED.

PLACE PCMS SEVEN (7) DAYS PRIOR TO THE START OF CLOSURE.

LEGEND

SIGN SUPPORT | WORKZONE | DETOUR | DIRECTION OF TRAVEL

M1-6 24"X24" | M4-8 24"X12" | M4-8A 24"X18" | M3-2 24"X12" | M3-4 24"X12" | MO6-1 21"X21" | MO5-1L 21"X21" | MO6-1 21"X21" | MO5-1R 21"X21" | MO6-1 21"X21"

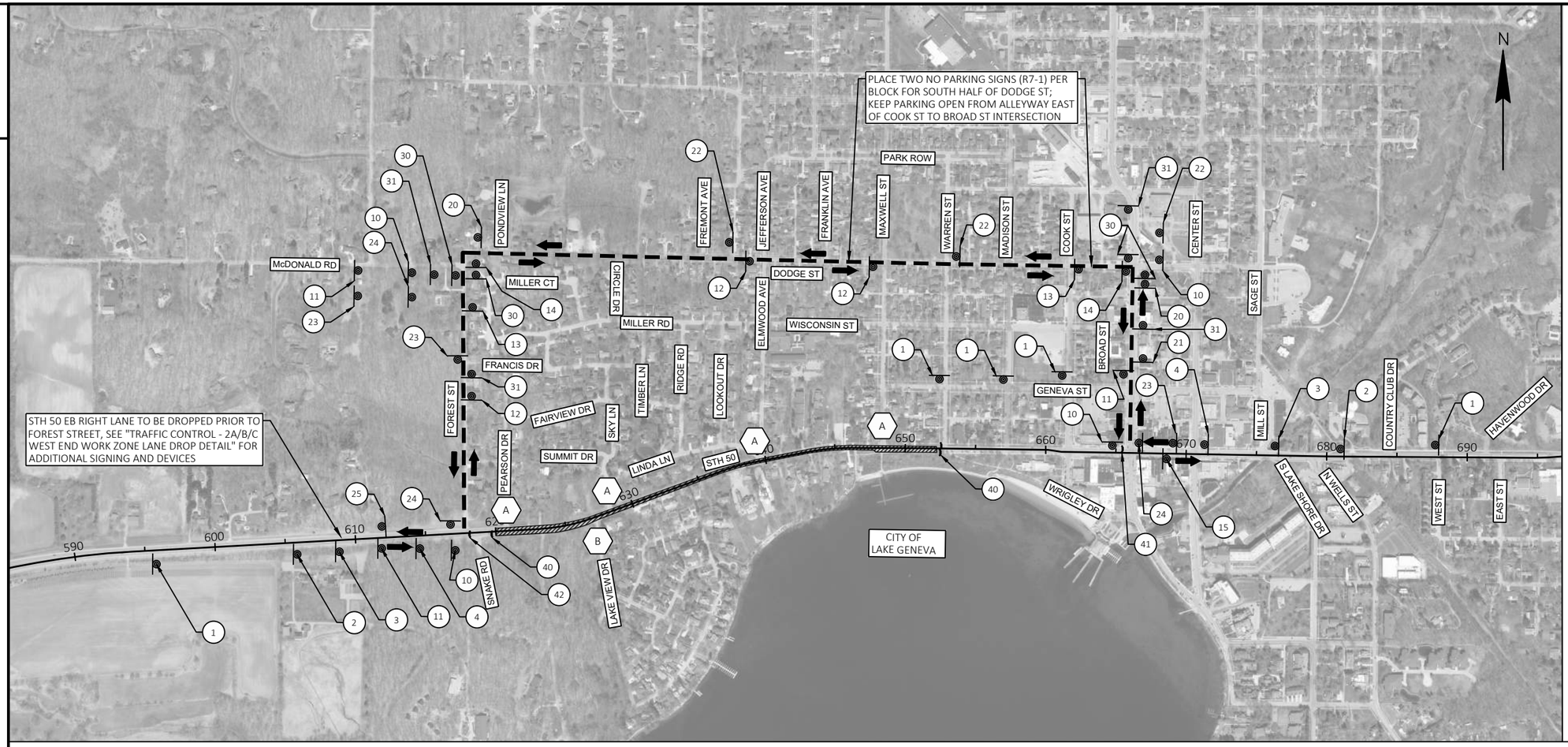
1 ROAD CLOSED AHEAD W20-3A
2 DETOUR AHEAD W20-2A
3 ROAD CLOSED 1000 FT W20-3C
4 ROAD CLOSED 500 FT W20-3D
10 DETOUR EAST 50
11 DETOUR EAST 50
12 DETOUR EAST 50
13 DETOUR EAST 50
14 DETOUR EAST 50
15 END DETOUR EAST 50
20 DETOUR WEST 50
21 DETOUR WEST 50
22 DETOUR WEST 50
23 DETOUR WEST 50
24 DETOUR WEST 50
25 END DETOUR WEST 50
30 STOP ALL WAY — R1-1 30"X30" — R1-3P 18"X6"
31 W3-1 36"X36"

40 ROAD CLOSED R11-2 48"X30" OR R11-4 R11-4-SIZE ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE
41 DETOUR M4-9R — TYPE III BARRICADE
42 DETOUR M4-9L — TYPE III BARRICADE

A SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 1"

B SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 4"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	DETOUR - STAGE 2A (FOREST ST TO BROAD ST)	SHEET 439	E



GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".

THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.

ALL SIGNS ARE 48" X 48" UNLESS NOTED.

LEGEND

SIGN SUPPORT

WORKZONE

DETOUR

DIRECTION OF TRAVEL

M1-6 24"X24" | M4-8 24"X12" | M4-8A 24"X18" | M3-2 24"X12" | M3-4 24"X12" | MO6-1 21"X21" | MO5-1L 21"X21" | MO6-1 21"X21" | MO5-1R 21"X21" | MO6-1 21"X21"

1 ROAD CLOSED AHEAD W20-3A

2 DETOUR AHEAD W20-2A

3 ROAD CLOSED 1000 FT W20-3C

4 ROAD CLOSED 500 FT W20-3D

10 DETOUR EAST 50

11 DETOUR EAST 50

12 DETOUR EAST 50

13 DETOUR EAST 50

14 DETOUR EAST 50

15 END DETOUR EAST 50

20 DETOUR WEST 50

21 DETOUR WEST 50

22 DETOUR WEST 50

23 DETOUR WEST 50

24 DETOUR WEST 50

25 END DETOUR WEST 50

30 STOP ALL WAY — R1-1 30"X30" — R1-3P 18"X6"

31 W3-1 36"X36"

40 ROAD CLOSED R11-2 48"X30" OR R11-4 R11-4-SIZE ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

41 DETOUR M4-9R — TYPE III BARRICADE

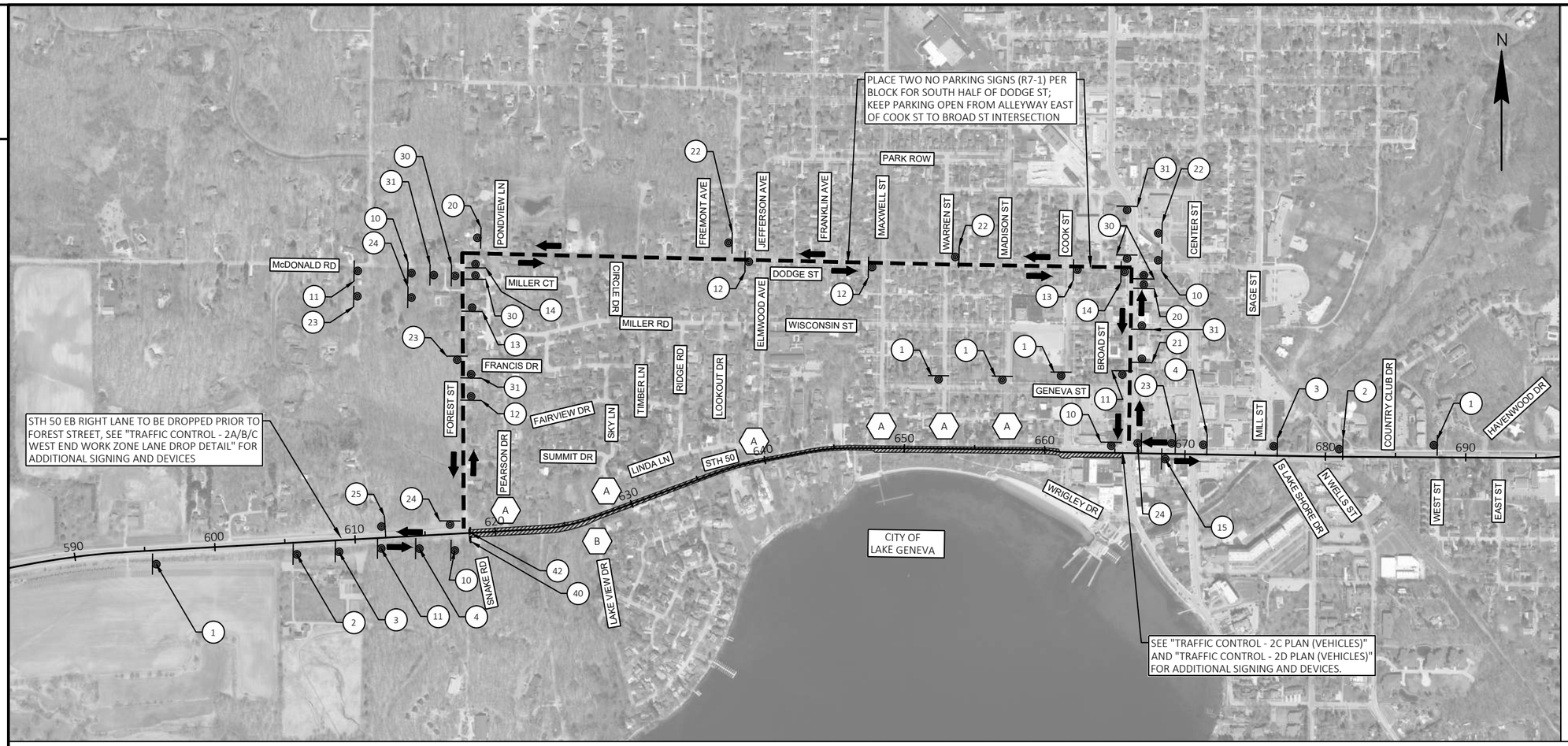
42 DETOUR M4-9L — TYPE III BARRICADE

A SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 1"

B SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 4"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	DETOUR - STAGE 2B (FOREST ST TO BROAD ST)	SHEET 440	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\027002-DT_2B.DWG
LAYOUT NAME - 01-dt_50_2b
PLOT DATE : 8/1/2026 3:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1" = 750'
WISDOT/CADDS SHEET 42



GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".

THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.

ALL SIGNS ARE 48" X 48" UNLESS NOTED.

LEGEND

SIGN SUPPORT

WORKZONE

DETOUR

DIRECTION OF TRAVEL

M1-6 24"X24" · M4-8 24"X12" · M4-8A 24"X18" · M3-2 24"X12" · M3-4 24"X12" · MO6-1 21"X21" · MO5-1L 21"X21" · MO6-1 21"X21" · MO5-1R 21"X21" · MO6-1 21"X21"

1 ROAD CLOSED AHEAD W20-3A

2 DETOUR AHEAD W20-2A

3 ROAD CLOSED 1000 FT W20-3C

4 ROAD CLOSED 500 FT W20-3D

10 DETOUR EAST 50 ←

11 DETOUR EAST 50 ↰

12 DETOUR EAST 50 ↑

13 DETOUR EAST 50 ↱

14 DETOUR EAST 50 →

15 END DETOUR EAST 50

20 DETOUR WEST 50 ←

21 DETOUR WEST 50 ↰

22 DETOUR WEST 50 ↑

23 DETOUR WEST 50 ↱

24 DETOUR WEST 50 →

25 END DETOUR WEST 50

30 STOP ALL WAY — R1-1 30"X30" — R1-3P 18"X6"

31 W3-1 36"X36"

40 ROAD CLOSED R11-2 48"X30" OR R11-4 R11-4-SIZE ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

42 DETOUR M4-9L — TYPE III BARRICADE

A SEE "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 1"

B SEE "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 4"

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	DETOUR - STAGE 2C & 2D (FOREST ST TO BROAD ST)	SHEET 441	E



GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".

THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.

ALL SIGNS ARE 48" X 48" UNLESS NOTED.

LEGEND

WORKZONE

DETOUR

DIRECTION OF TRAVEL

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	DETOUR - STAGE 2A (SNAKE RD)	SHEET 442	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\027002-DT_SNAKE RD.DWG
LAYOUT NAME - 01-dt_snake rd_2a
PLOT DATE : 8/1/2026 9:04 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:1000 FT

2

LEGEND

TEMPORARY SUPPORT	WORKZONE	DETOUR	DIRECTION OF TRAVEL		
1 ROAD CLOSED AHEAD W20-3A	2 DETOUR AHEAD W20-2A	3 ROAD CLOSED 1000 FT W20-3C	4 ROAD CLOSED 500 FT W20-3D	30 R1-1 30"X30" STOP ALL WAY R1-3P 18"X6"	31 W3-1 36"X36"
10 DETOUR EAST 50	11 DETOUR EAST 50	12 DETOUR EAST 50	13 DETOUR EAST 50	14 DETOUR EAST 50	15 END DETOUR EAST 50
20 DETOUR WEST 50	21 DETOUR WEST 50	22 DETOUR WEST 50	23 DETOUR WEST 50	24 DETOUR WEST 50	25 END DETOUR WEST 50

50	DETOUR	END DETOUR	EAST	WEST						
M1-6 24"X24"	M4-8 24"X12"	M4-8A 24"X18"	M3-2 24"X12"	M3-4 24"X12"	MO6-1 21"X21"	MO5-1L 21"X21"	MO6-1 21"X21"	MO5-1R 21"X21"	MO6-1 21"X21"	M6-2 21"X21"

GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".

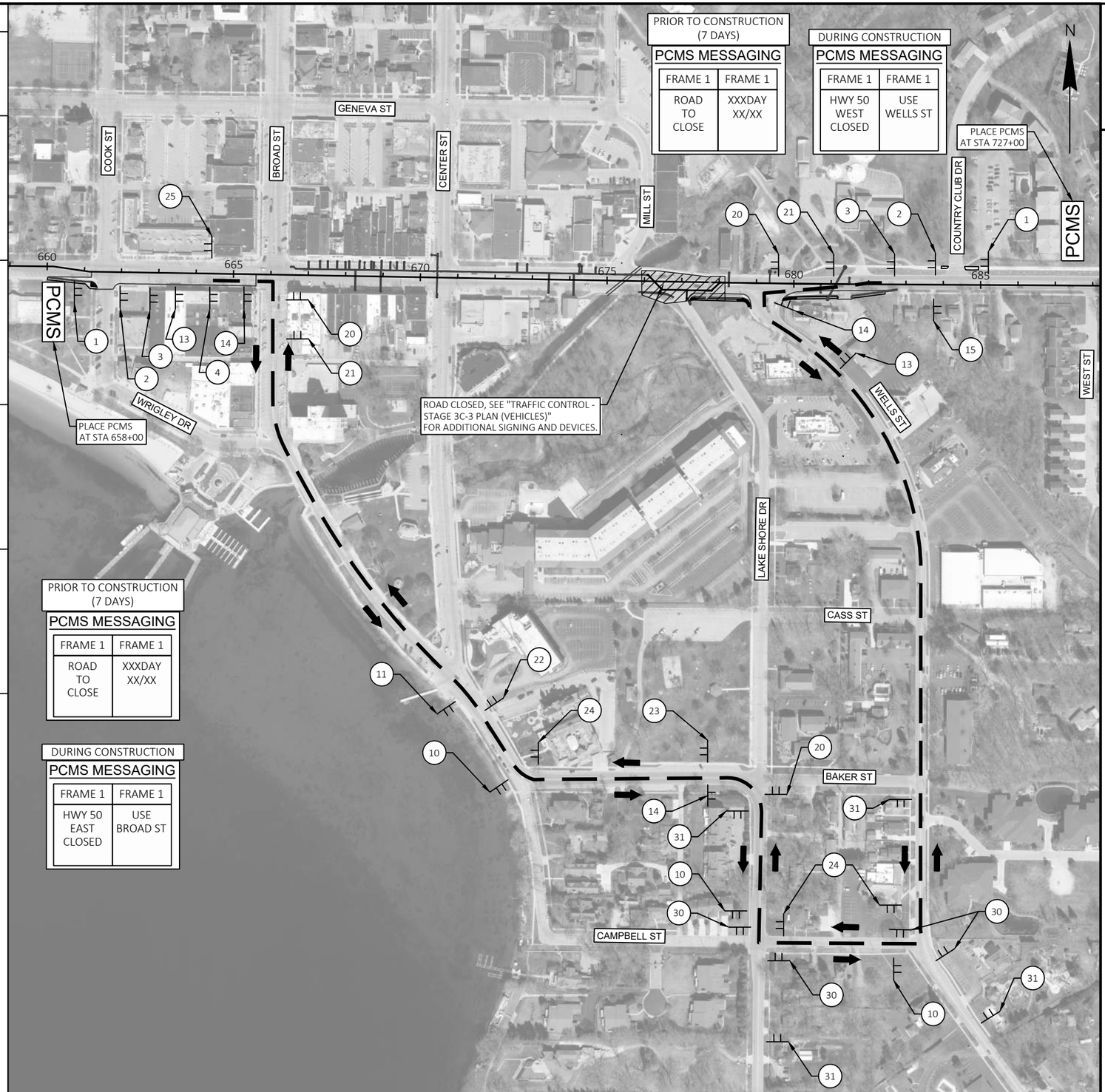
THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

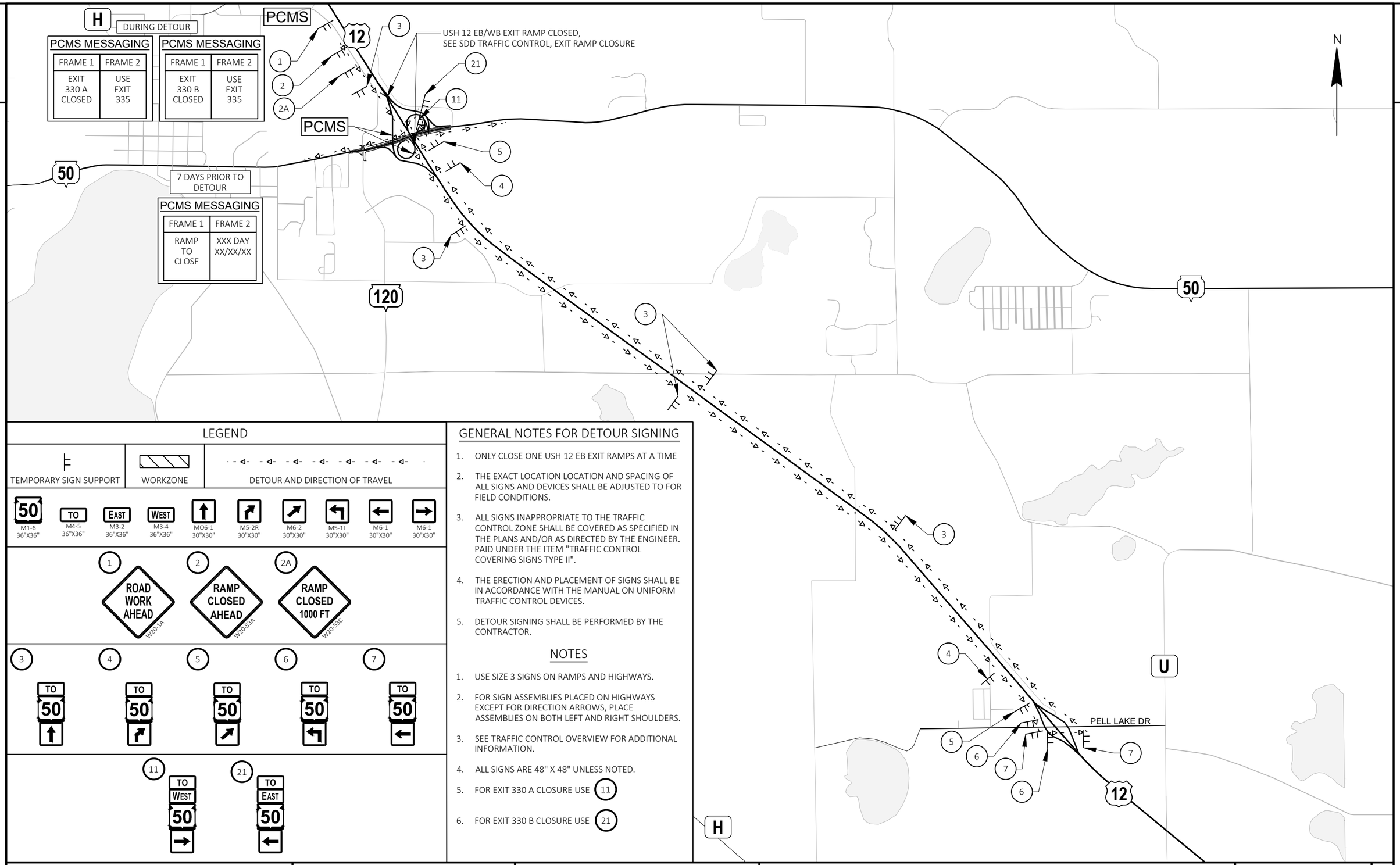
SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.

ALL SIGNS ARE 48" X 48" UNLESS NOTED.



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	DETOUR - STAGE 3C-3 (BROAD ST TO WELLS ST)	SHEET 443	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\027004-DT_3D3_WATERMAIN.DWG
LAYOUT NAME - 03d3-dt_watermain-01
PLOT DATE : 8/1/2026 9:06 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:300 FT



LEGEND

TEMPORARY SIGN SUPPORT | WORKZONE | DETOUR AND DIRECTION OF TRAVEL

M1-6 36"X36" | M4-5 36"X36" | M3-2 36"X36" | M3-4 36"X36" | M06-1 30"X30" | M5-2R 30"X30" | M6-2 30"X30" | M5-1L 30"X30" | M6-1 30"X30" | M6-1 30"X30"

1 ROAD WORK AHEAD W20-1A

2 RAMP CLOSED AHEAD W20-53A

2A RAMP CLOSED 1000 FT W20-53C

3 4 5 6 7 TO 50

11 TO WEST 50

21 TO EAST 50

GENERAL NOTES FOR DETOUR SIGNING

1. ONLY CLOSE ONE USH 12 EB EXIT RAMPS AT A TIME
2. THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.
3. ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".
4. THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5. DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

1. USE SIZE 3 SIGNS ON RAMPS AND HIGHWAYS.
2. FOR SIGN ASSEMBLIES PLACED ON HIGHWAYS EXCEPT FOR DIRECTION ARROWS, PLACE ASSEMBLIES ON BOTH LEFT AND RIGHT SHOULDERS.
3. SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.
4. ALL SIGNS ARE 48" X 48" UNLESS NOTED.
5. FOR EXIT 330 A CLOSURE USE (11)
6. FOR EXIT 330 B CLOSURE USE (21)

PROJECT NO: 3170-09-70/71	HWY: STH 50	COUNTY: WALWORTH	DETOUR - STAGE 6A (USH 12 EB EXIT RAMP; STH 50 WB OR EB)	SHEET 444	E

2

GENERAL NOTES FOR DETOUR SIGNING

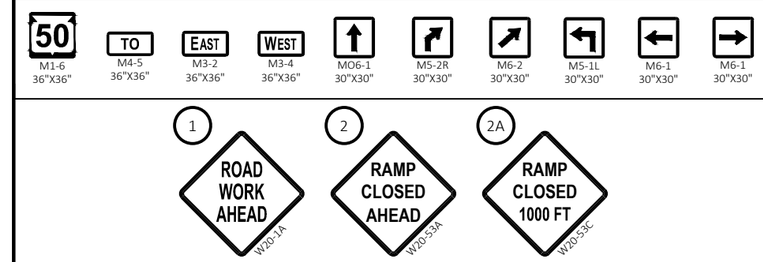
1. THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.
2. ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".
3. THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
4. DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

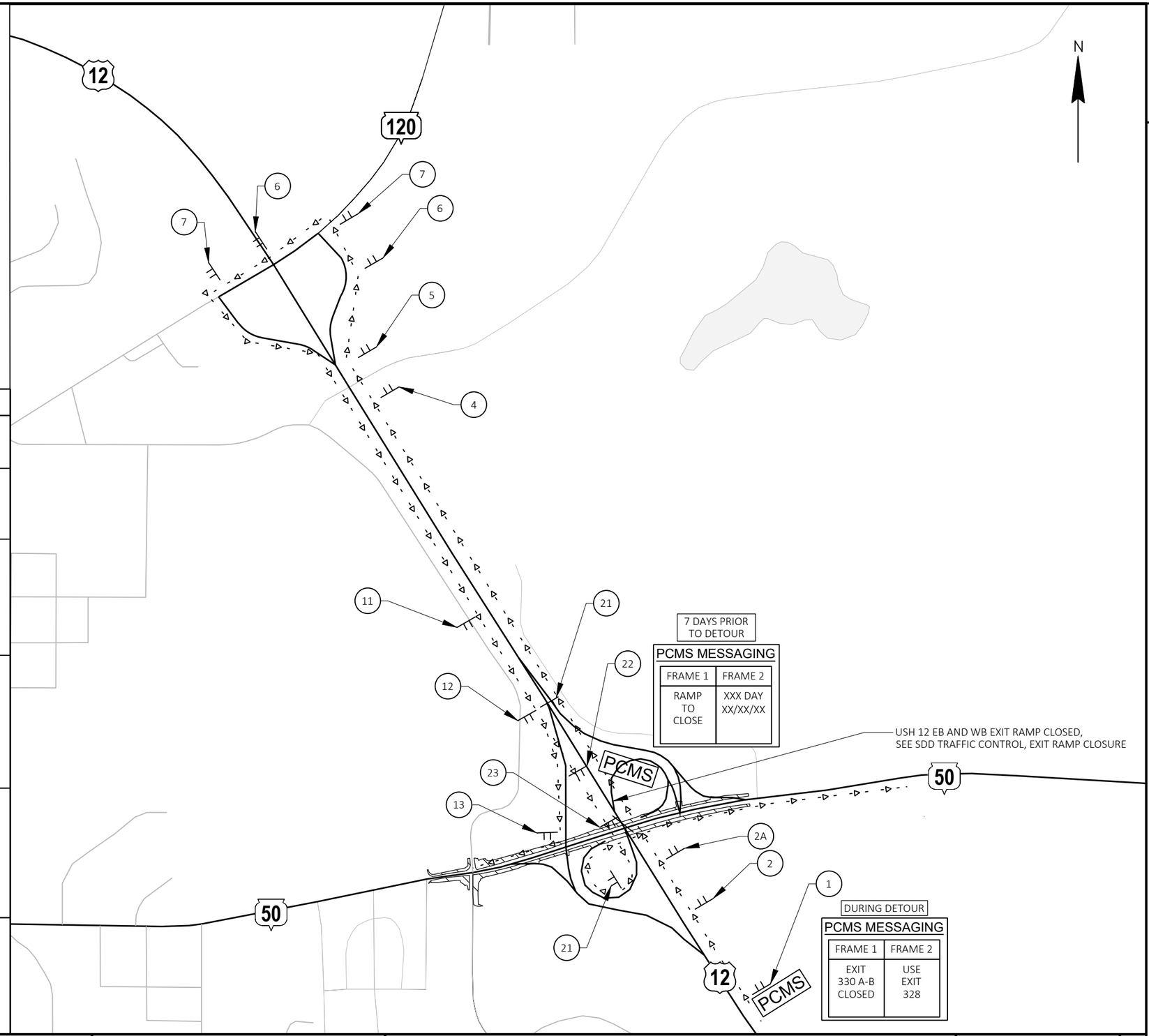
NOTES

1. USE SIZE 3 SIGNS ON RAMPS AND HIGHWAYS.
2. FOR SIGN ASSEMBLIES PLACED ON HIGHWAYS EXCEPT FOR DIRECTION ARROWS, PLACE ASSEMBLIES ON BOTH LEFT AND RIGHT SHOULDERS.
3. SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.
4. ALL SIGNS ARE 48" X 48" UNLESS NOTED.

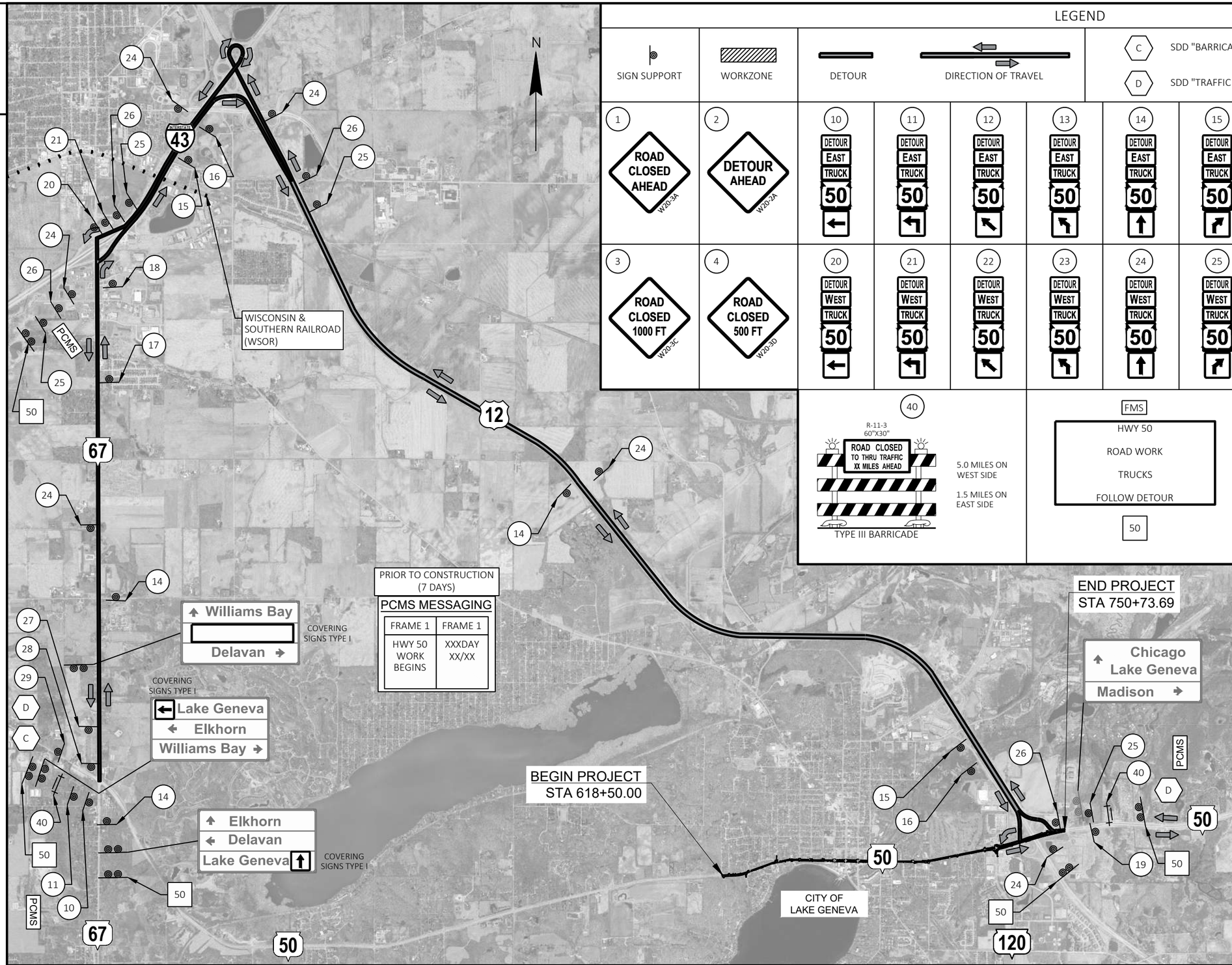
LEGEND

TEMPORARY SIGN SUPPORT | WORKZONE | DETOUR AND DIRECTION OF TRAVEL





PROJECT NO: 3170-09-70/71	HWY: STH 50	COUNTY: WALWORTH	DETOUR - STAGE 6A (USH 12 WB EXIT RAMP; STH 50 WB AND EB)	SHEET 445	E



LEGEND

SIGN SUPPORT | WORKZONE | DETOUR | DIRECTION OF TRAVEL

C — SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAILS A AND E";

D — SDD "TRAFFIC CONTROL, ADVANCED WIDTH RESTRICTION SIGNING"

1 ROAD CLOSED AHEAD W20-3A

2 DETOUR AHEAD W20-2A

3 ROAD CLOSED 1000 FT W20-3C

4 ROAD CLOSED 500 FT W20-3D

10 DETOUR EAST TRUCK 50 ←

11 DETOUR EAST TRUCK 50 ↰

12 DETOUR EAST TRUCK 50 ↖

13 DETOUR EAST TRUCK 50 ↖

14 DETOUR EAST TRUCK 50 ↑

15 DETOUR EAST TRUCK 50 ↗

16 DETOUR EAST TRUCK 50 ↗

17 DETOUR EAST TRUCK 50 ↱

18 DETOUR EAST TRUCK 50 →

19 END DETOUR EAST TRUCK 50

20 DETOUR WEST TRUCK 50 ←

21 DETOUR WEST TRUCK 50 ↰

22 DETOUR WEST TRUCK 50 ↖

23 DETOUR WEST TRUCK 50 ↖

24 DETOUR WEST TRUCK 50 ↑

25 DETOUR WEST TRUCK 50 ↗

26 DETOUR WEST TRUCK 50 ↗

27 DETOUR WEST TRUCK 50 ↱

28 DETOUR WEST TRUCK 50 →

29 END DETOUR WEST TRUCK 50

40 R-11-3 60"X30" ROAD CLOSED TO THRU TRAFFIC XX MILES AHEAD — TYPE III BARRICADE

5.0 MILES ON WEST SIDE

1.5 MILES ON EAST SIDE

FMS

HWY 50

ROAD WORK

TRUCKS

FOLLOW DETOUR

50

MO6-1 21"X21" ← | MO5-1L 21"X21" ↰ | M6-2L 21"X21" ↖ | M5-2L 21"X21" ↖ | MO6-1 21"X21" ↑

MO5-1R 21"X21" ↱ | MO6-1 21"X21" → | M5-2R 21"X21" ↗ | M6-2L 21"X21" ↗

M1-6 24"X24" 50 | M4-8 24"X12" DETOUR | M4-8A 24"X18" END DETOUR | M3-2 24"X12" EAST | M3-4 24"X12" WEST | M4-4 24"X12" TRUCK

GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".

THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.

PLACE PCMS SEVEN (7) DAYS PRIOR TO THE START OF CLOSURE.

USE SIZE 3 SIGNS ON RAMPS AND HIGHWAYS.

USE SIZE 5 SIGNS ON FREEWAY.

FOR SIGN ASSEMBLIES PLACED ON DIVIDED HIGHWAYS, EXCEPT FOR DIRECTIONAL ARROWS, PLACE ASSEMBLIES ON BOTH LEFT AND RIGHT SHOULDERS.

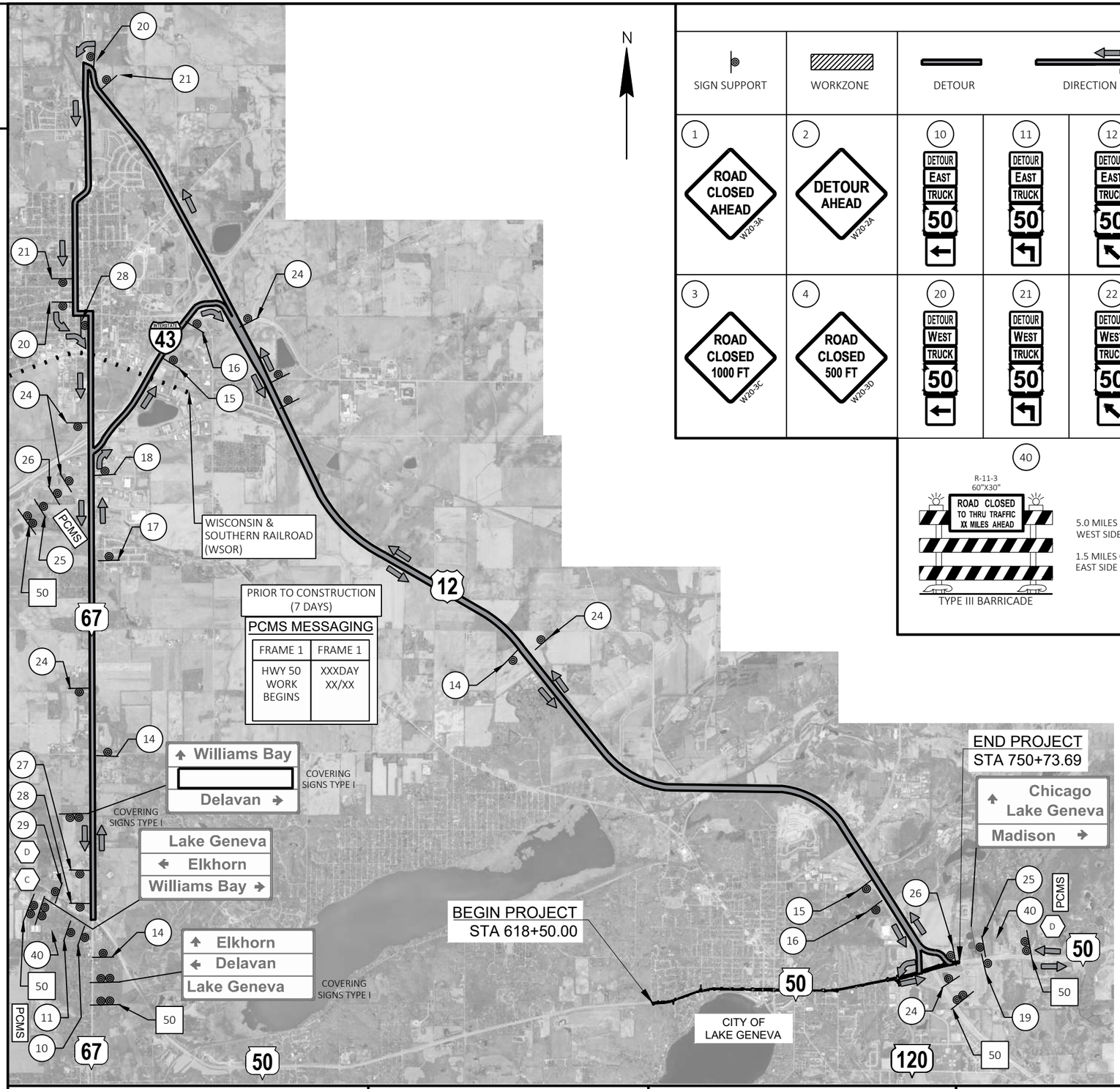
DO NOT PLACE ANY ITEMS WITHIN 50 FEET OF RAILROAD RIGHT-OF-WAY.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	DETOUR - THRU AND TRUCK TRAFFIC ROUTE (2027)	SHEET 446	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\027010-DT_THRU AND TRUCK_2027.DWG
LAYOUT NAME - 01-dt-truck '27

PLOT DATE : 9/29/2026 11:34 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN : 3750 FT

WISDOT/CADDS SHEET 42



LEGEND

SIGN SUPPORT | WORKZONE | DETOUR | DIRECTION OF TRAVEL

C — SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAILS A AND E";

D — SDD "TRAFFIC CONTROL, ADVANCED WIDTH RESTRICTION SIGNING"

1 ROAD CLOSED AHEAD W20-3A

2 DETOUR AHEAD W20-2A

3 ROAD CLOSED 1000 FT W20-3C

4 ROAD CLOSED 500 FT W20-3D

10–19: DETOUR EAST TRUCK 50 (10–18: directional arrow; 19: END DETOUR EAST TRUCK 50)

20–29: DETOUR WEST TRUCK 50 (20–28: directional arrow; 29: END DETOUR WEST TRUCK 50)

40 — R-11-3 60"X30" ROAD CLOSED TO THRU TRAFFIC XX MILES AHEAD

5.0 MILES ON WEST SIDE

1.5 MILES ON EAST SIDE

TYPE III BARRICADE

FMS

HWY 50

ROAD WORK

TRUCKS

FOLLOW DETOUR

50

MO6-1 21"X21" | MO5-1L 21"X21" | M6-2L 21"X21" | M5-2L 21"X21" | MO6-1 21"X21"

MO5-1R 21"X21" | MO6-1 21"X21" | M5-2R 21"X21" | M6-2L 21"X21"

M1-6 24"X24" | M4-8 24"X12" | M4-8A 24"X18" | M3-2 24"X12" | M3-4 24"X12" | M4-4 24"X12"

GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FOR FIELD CONDITIONS.

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. PAID UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE II".

THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR.

NOTES

SEE TRAFFIC CONTROL OVERVIEW FOR ADDITIONAL INFORMATION.

PLACE PCMS SEVEN (7) DAYS PRIOR TO THE START OF CLOSURE.

USE SIZE 3 SIGNS ON RAMPS AND HIGHWAYS.

USE SIZE 5 SIGNS ON FREEWAY.

FOR SIGN ASSEMBLIES PLACED ON DIVIDED HIGHWAYS, EXCEPT FOR DIRECTIONAL ARROWS, PLACE ASSEMBLIES ON BOTH LEFT AND RIGHT SHOULDERS.

DO NOT PLACE ANY ITEMS WITHIN 50 FEET OF RAILROAD RIGHT-OF-WAY.

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	DETOUR - THRU AND TRUCK TRAFFIC ROUTE (2028)	SHEET 447	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\027010-DT_THRU AND TRUCK_2028.DWG
LAYOUT NAME - 01-dt-truck '28
PLOT DATE : 9/28/2026 6:29 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:4700 FT
WISDOT/CADDS SHEET 42

2

N

T 2 N
R 17 E
26 26
35 35

T 2 N
R 17 E
26 25
35 36

CURVE 1

PI STA = 625+07.06
Y = 335629.101
X = 787616.653
DELTA = 16°46'51" LT
D = 4°39'41"
T = 181.30'
L = 360.00'
R = 1229.16'
PC STA = 623+25.76
Y = 335619.065
X = 787435.633
PT STA = 626+85.76
Y = 335690.972
X = 787787.067
BK = N86°49'36"E
AH = N70°02'45"E
SE = NC (EXISTING)
3.2% (PROPOSED)

CURVE 2

PI STA = 638+07.74
Y = 336073.868
X = 788841.689
DELTA = 9°13'41" RT
D = 5°06'57"
T = 90.39'
L = 180.39'
R = 1120.00'
PC STA = 637+17.35
Y = 336043.021
X = 788756.726
PT STA = 638+97.74
Y = 336090.691
X = 788930.500
BK = N70°02'45"E
AH = N79°16'26"E
SE = NC (EXISTING AND PROPOSED)

CURVE 3

PI STA = 644+63.68
Y = 336196.018
X = 789486.547
DELTA = 11°00'25" RT
D = 3°30'54"
T = 157.05'
L = 313.14'
R = 1630.00'
PC STA = 643+06.62
Y = 336166.789
X = 789332.239
PT STA = 646+19.76
Y = 336195.248
X = 789643.598
BK = N79°16'26"E
AH = S89°43'08"E
SE = NC (EXISTING AND PROPOSED)

FOREST ST
PEARSON DR
SKY LN
ELMWOOD AVE
MAXWELL ST
WARREN ST
MADISON ST
COOK ST
BROAD ST
LINDA LN
SNAKE RD
LAKE VIEW DR
R/L STH 50
CURVE 1
CURVE 2
CURVE 3
MATCH LINE STA 670+00

PC: 623+25.76
PT: 626+85.76
PI: 638+07.74
PC: 643+06.62
PI: 644+63.68
PT: 646+19.76
PI: 648+87.38
PI: 652+47.36
PI: 660+17.05
PI: 661+14.30
PI: 665+55.46
PC: 631+17.35
PT: 638+97.74
PI: 625+07.06

615 N86°49'36"E 620 625 630 N70°02'45"E 635 640 N79°16'26"E 645 S89°43'08"E 650 S89°25'40"E 655 S89°16'53"E 660 S89°04'39"E 665 S81°43'51"E

BEGIN PROJECT ID 3170-09-71
STA 618+50.00 R/L STH 50
Y = 335,592.729
X = 786,960.599

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT DETAILS	SHEET 448	E

2

2

N

CURVE 4

PI STA = 696+76.97
Y = 336123.785
X = 794699.404
DELTA = 11°38'56" LT
D = 3°00'00"
T = 194.82'
L = 388.30'
R = 1909.90'
PC STA = 694+82.15
Y = 336124.999
X = 794504.586
PT STA = 698+70.45
Y = 336161.931
X = 794890.455
BK = S89°38'34"E
AH = N78°42'30"E
SE = NC (EXISTING AND PROPOSED)

CURVE 5

PI STA = 720+79.20
Y = 336594.407
X = 797056.450
DELTA = 5°17'34" RT
D = 2°38'47"
T = 100.07'
L = 200.00'
R = 2165.06'
PC STA = 719+79.13
Y = 336574.813
X = 796958.316
PT STA = 721+79.13
Y = 336604.866
X = 797155.973
BK = N78°42'30"E
AH = N84°00'04"E
SE = NC (EXISTING AND PROPOSED)

STA 723+61.68 R/L STH 50
STA 337+79.71 R/L STH 120
Y = 336623.944
X = 797337.525

N84°00'04"E

PELLER RD

PI: 720+79.20

EDWARDS BLVD

PI: 723+65.19

MATCH LINE STA 725+50

CENTER ST

MILL ST

PI: 680+01.10

COUNTRY CLUB DR

HAVENWOOD DR

CURVE 4

PC: 694+82.15

PT: 698+70.45

R/L STH 50

MATCH LINE STA 670+00

S88°59'41"E

S89°38'34"E

N78°42'30"E

N74°44'27"E

CURVE 5

WEST ST

EAST ST

CURTIS ST

PI: 696+76.97

WEST DR

LOCKWOOD BLVD

EAST DR

PC: 719+79.13

PT: 721+79.13

STH 120

N00°00'48"W

R/L STH 120

CURVE 1A

PI STA = 324+74.27
Y = 335303.624
X = 797337.835
DELTA = 34°07'04" RT
D = 7°01'33"
T = 250.24'
L = 485.61'
R = 815.50'
PC STA = 322+24.03
Y = 335096.486
X = 797478.243
PT STA = 327+09.64
Y = 335553.865
X = 797337.776
DB = N34°07'53"W
DA = N00°00'48"W
SE = OUTSIDE PROJECT LIMITS

PT: 327+09.64

CURVE 1A

PI: 324+74.27

PC: 322+24.03

N34°07'53"W

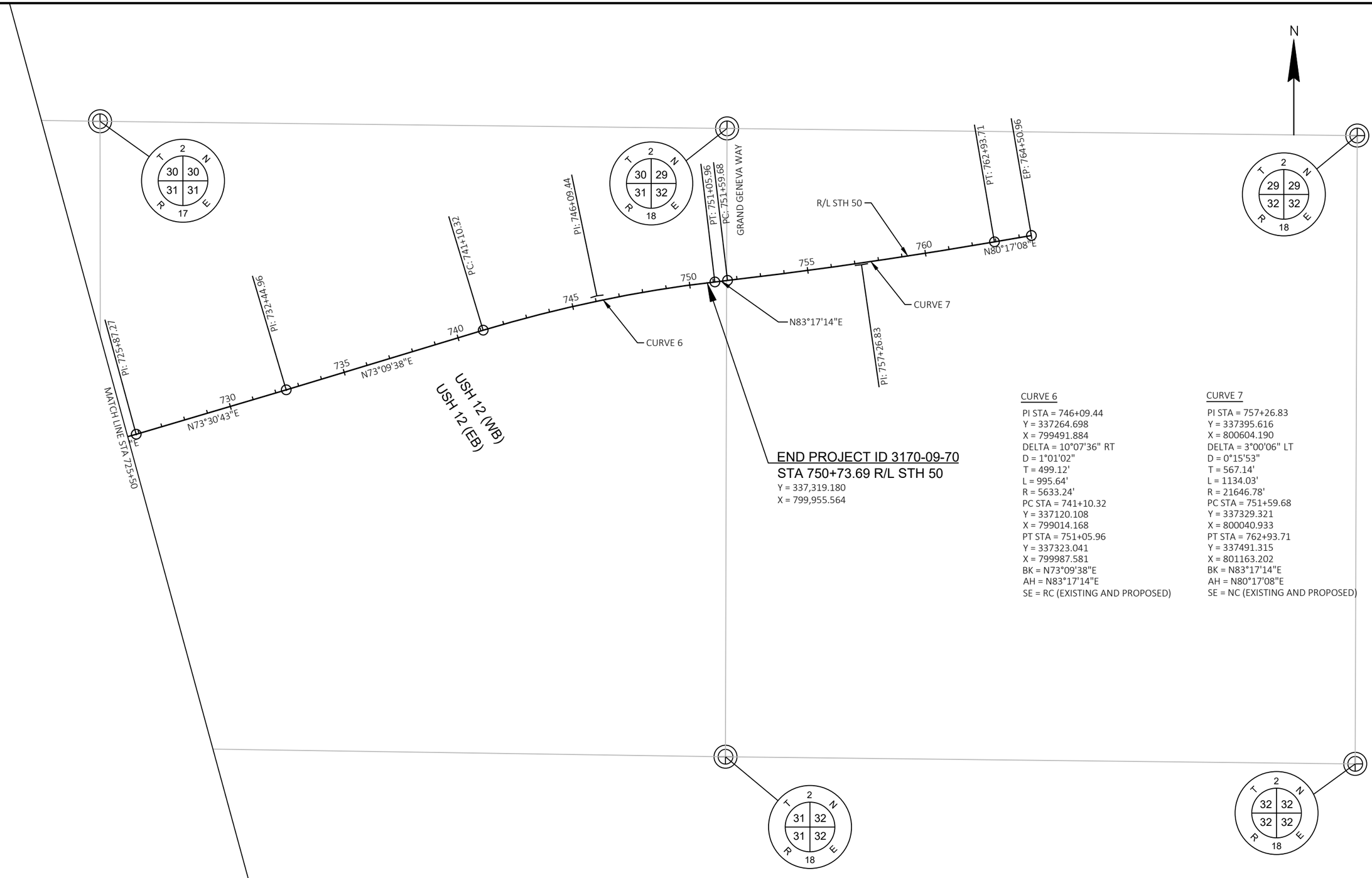
END PROJECT 3170-09-71/BEGIN PROJECT ID 3170-09-70
STA 682+76.86 R/L STH 50
Y = 336,132.514
X = 793,299.318

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT DETAILS	SHEET 449	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 02-ad

PLOT DATE : 7/24/2026 8:32 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42



END PROJECT ID 3170-09-70
STA 750+73.69 R/L STH 50
Y = 337,319.180
X = 799,955.564

CURVE 6

PI STA = 746+09.44
Y = 337264.698
X = 799491.884
DELTA = 10°07'36" RT
D = 1°01'02"
T = 499.12'
L = 995.64'
R = 5633.24'
PC STA = 741+10.32
Y = 337120.108
X = 799014.168
PT STA = 751+05.96
Y = 337323.041
X = 799987.581
BK = N73°09'38"E
AH = N83°17'14"E
SE = RC (EXISTING AND PROPOSED)

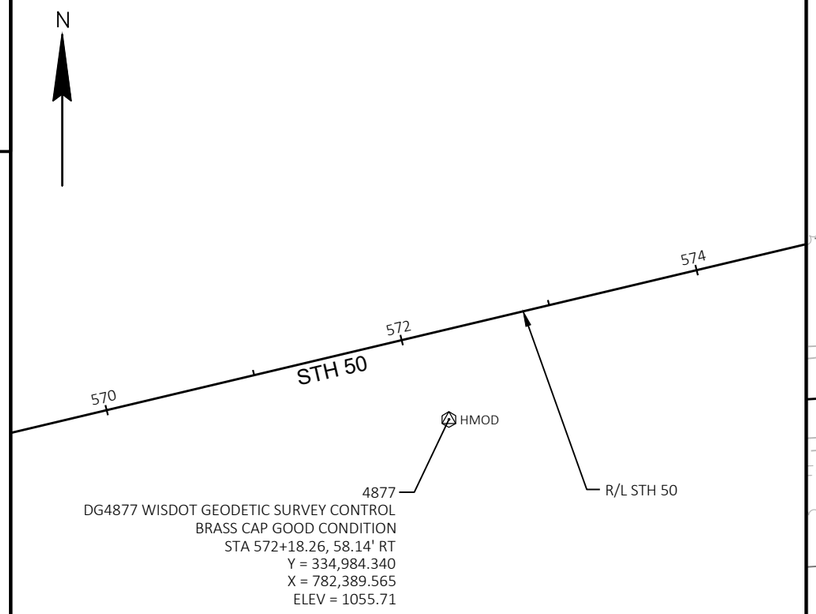
CURVE 7

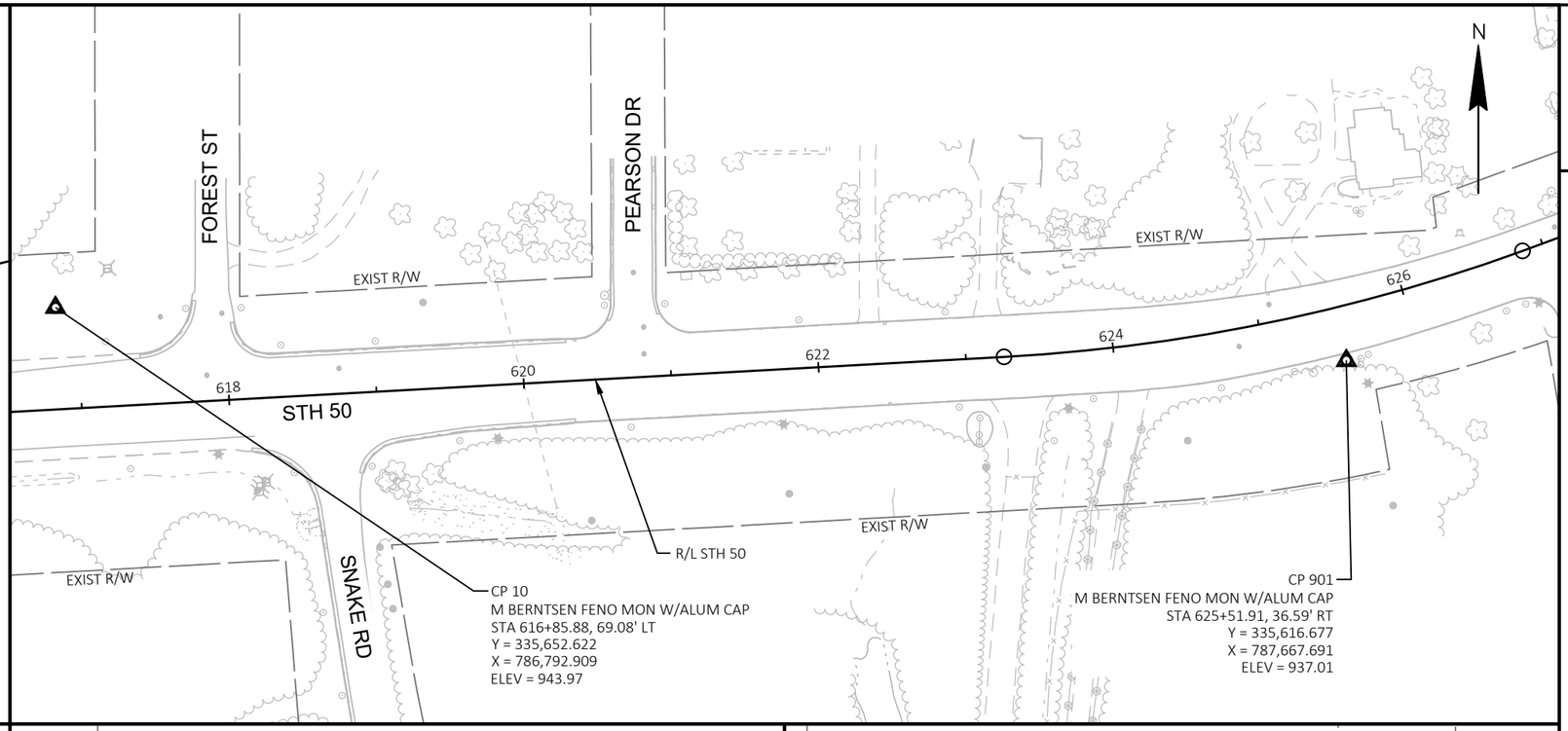
PI STA = 757+26.83
Y = 337395.616
X = 800604.190
DELTA = 3°00'06" LT
D = 0°15'53"
T = 567.14'
L = 1134.03'
R = 21646.78'
PC STA = 751+59.68
Y = 337329.321
X = 800040.933
PT STA = 762+93.71
Y = 337491.315
X = 801163.202
BK = N83°17'14"E
AH = N80°17'08"E
SE = NC (EXISTING AND PROPOSED)

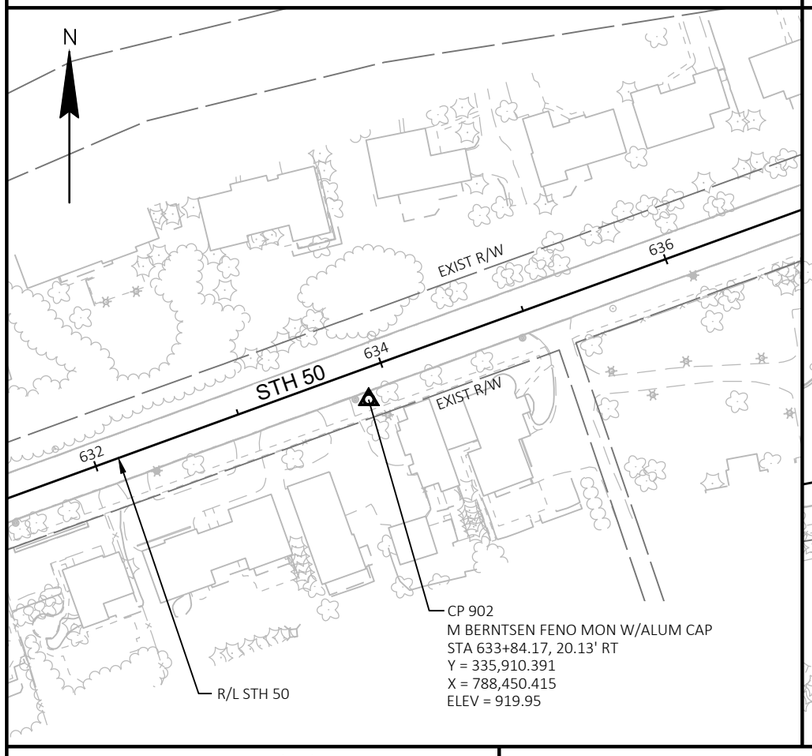
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT DETAILS	SHEET 450	E

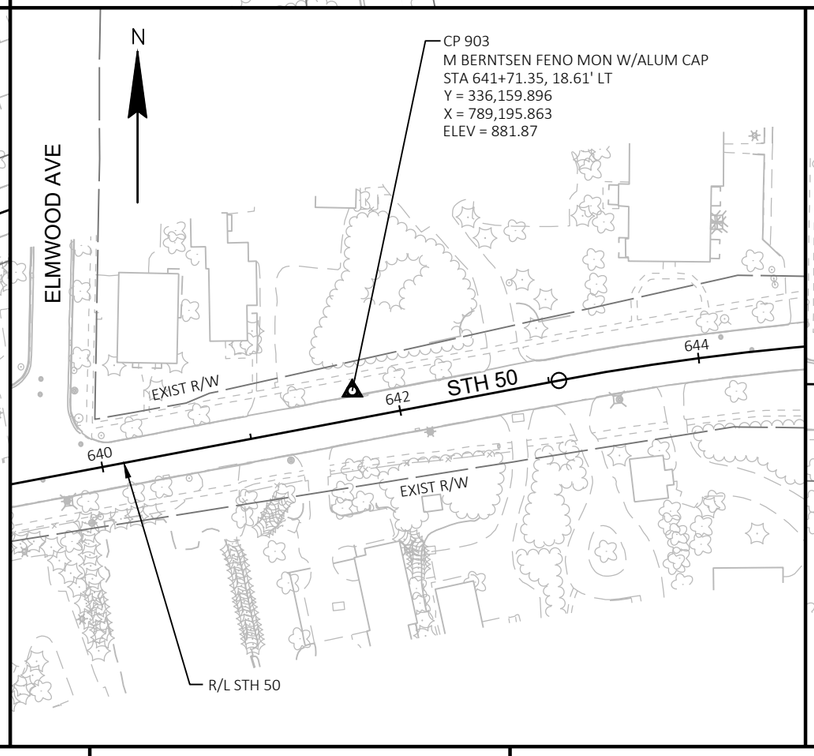
STH 50 - CURVE 1 (PI STA 625+07.06)					
STATION	DESCRIPTION	LT SHLD	LT LN(S)	RT LN(S)	RT SHLD
620+35.75'	BEGIN NORMAL CROWN/SHOULDER	-2.00%	-2.00%	-2.00%	-2.00%
621+25.75'	LEVEL CROWN	-2.00%	-2.00%	0.00%	-2.00%
623+13.25'	REVERSE CROWN	-2.00%	-2.00%	2.00%	-2.00%
623+25.76	POINT OF CURVE	--	--	--	--
624+25.75'	BEGIN FULL SUPER	-3.20%	-3.20%	3.20%	-2.00%
626+52.77'	END FULL SUPER	-3.20%	-3.20%	3.20%	-2.00%
626+85.76	POINT OF TANGENT	--	--	--	--
626+89.89'***	REVERSE CROWN	--	-2.00%	2.00%	--
627+51.77'***	LEVEL CROWN	--	-2.00%	0.00%	--
628+13.64'***	END NORMAL CROWN/SHOULDER	--	-2.00%	-2.00%	--

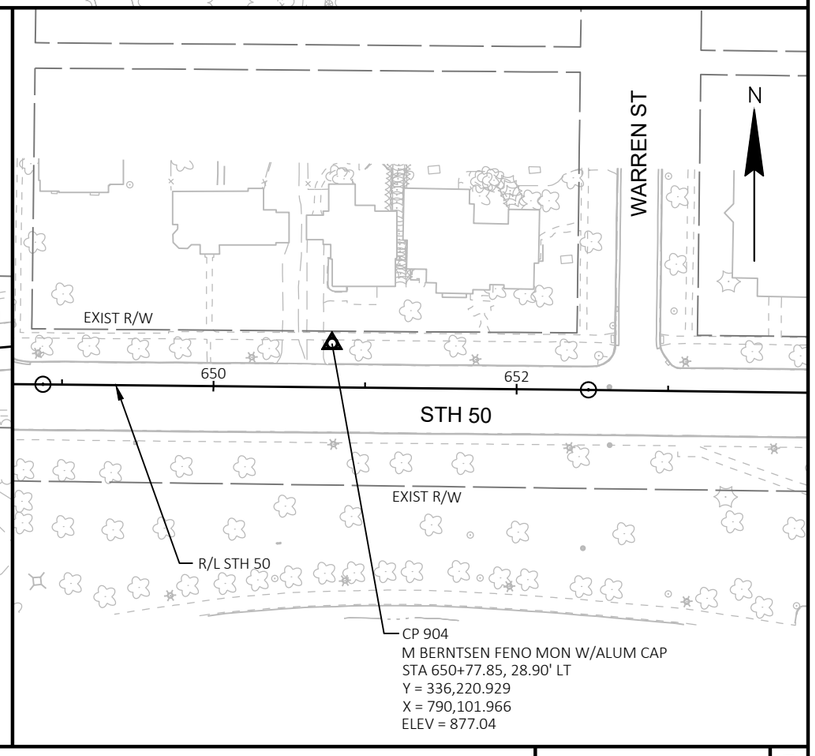
*** LANE 2 AND SHOULDER OF LEFT AND RIGHT TERMINATE PRIOR TO THESE TRANSITIONS





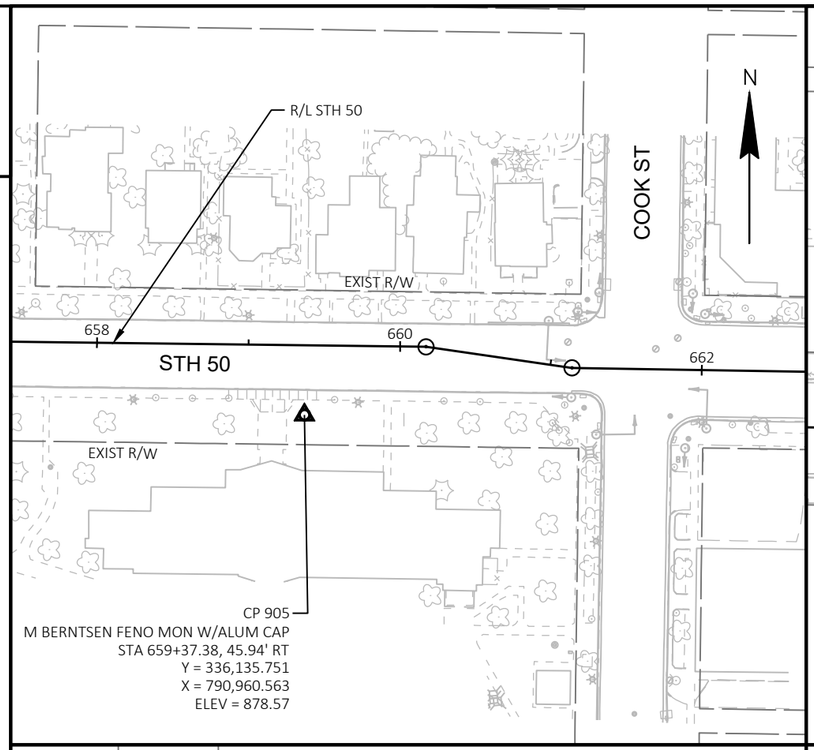


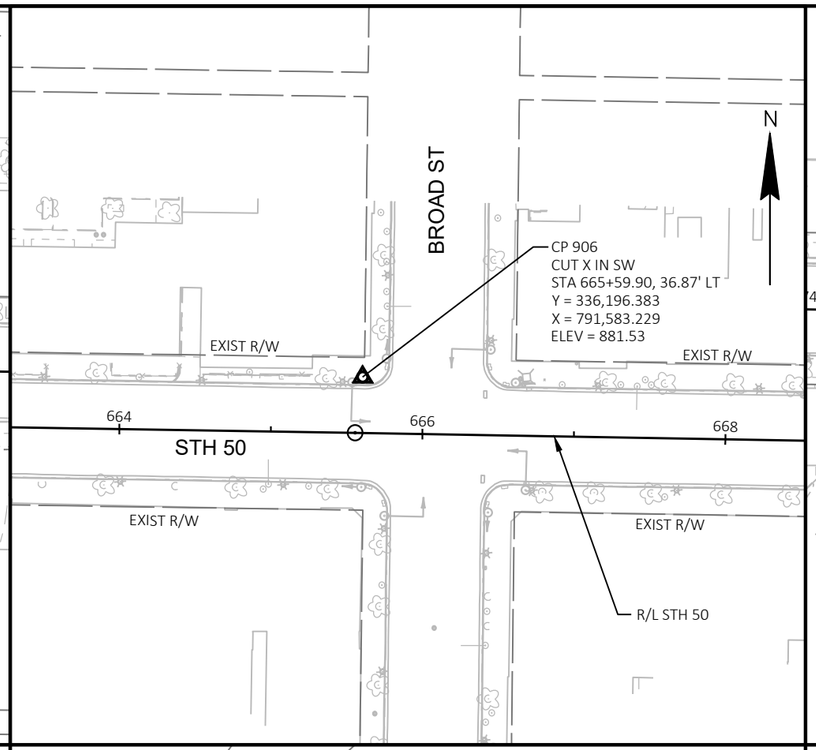


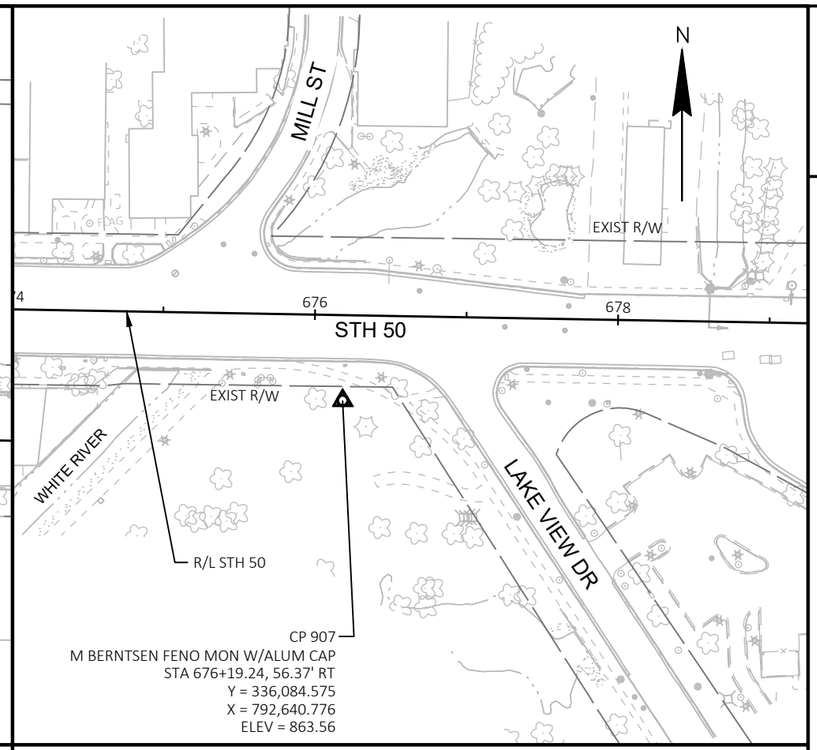


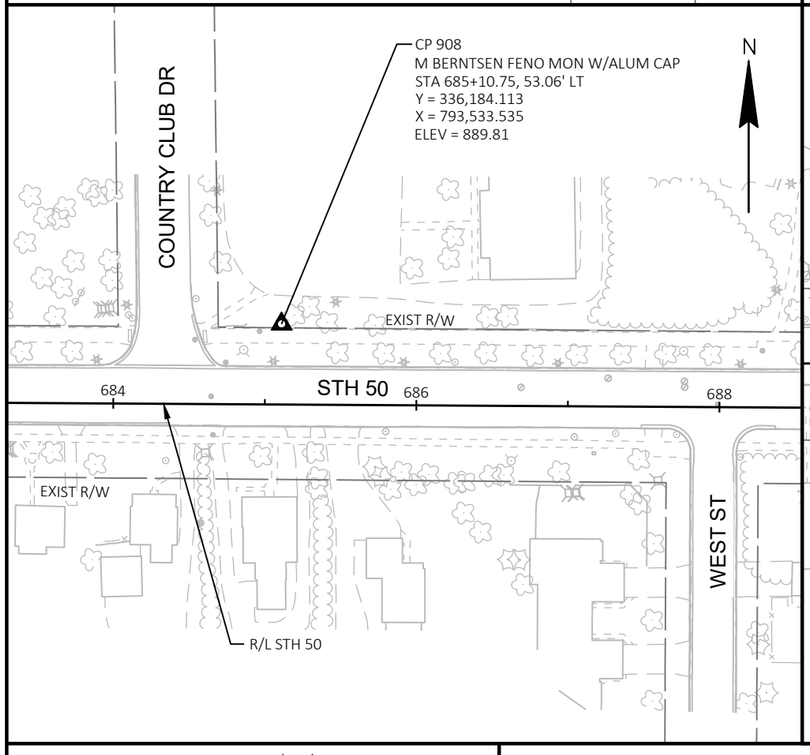
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT LAYOUT-SURVEY CONTROL	SHEET 452	E

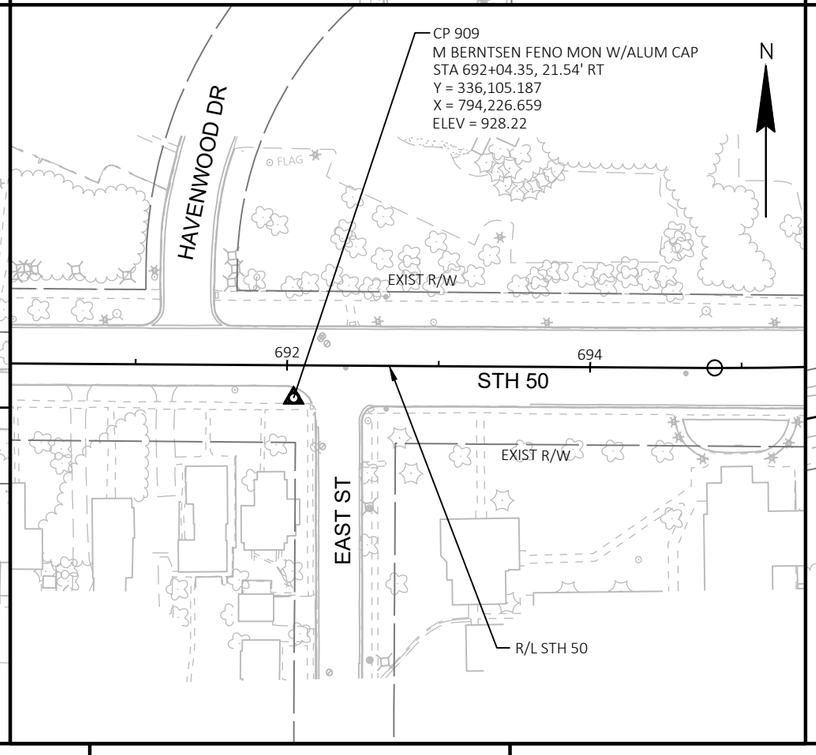
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LAYOUT NAME - 01-sc
PLOT DATE : 7/24/2026 8:33 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

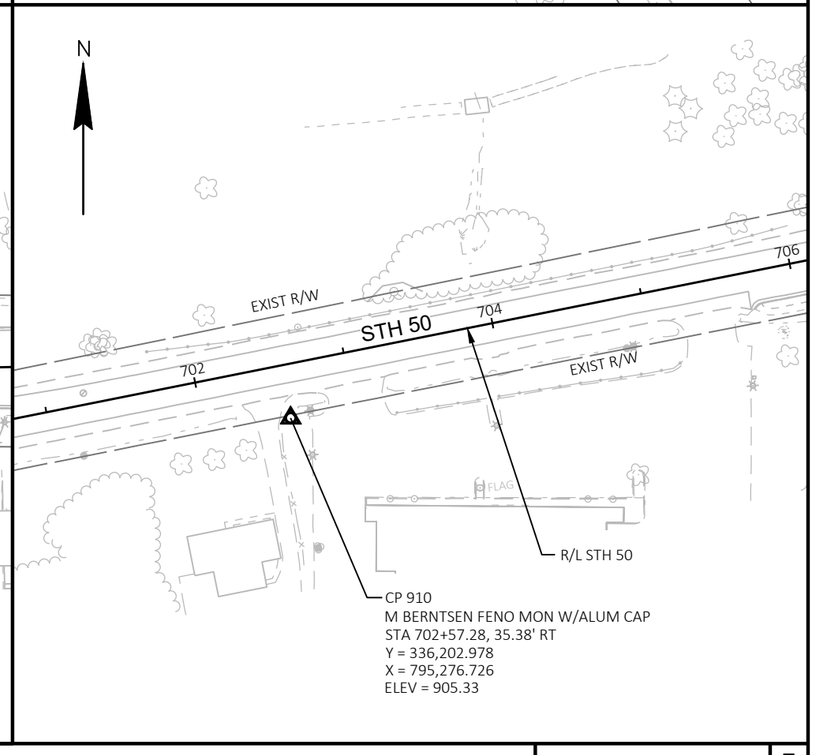






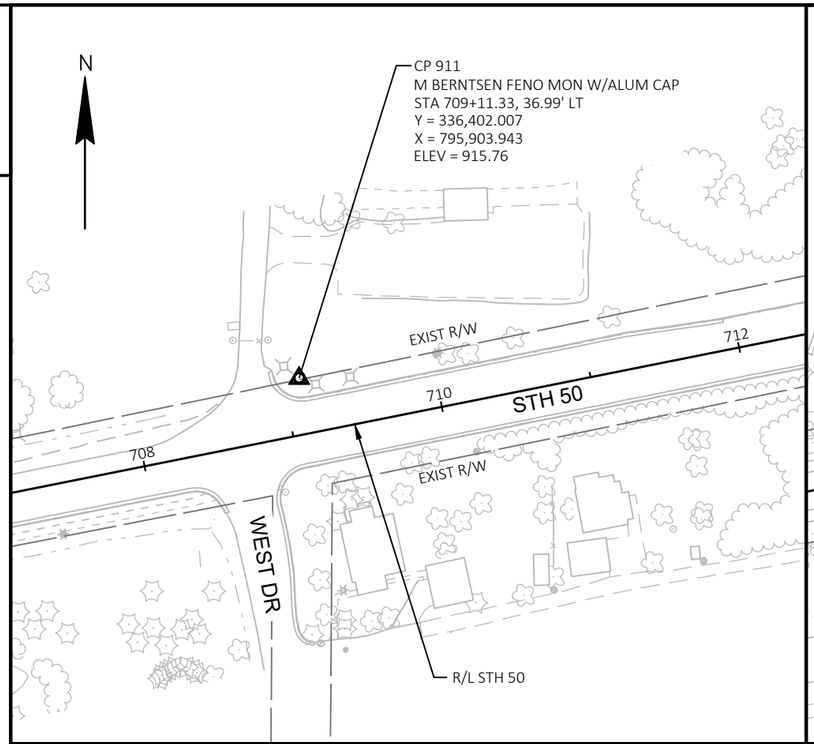


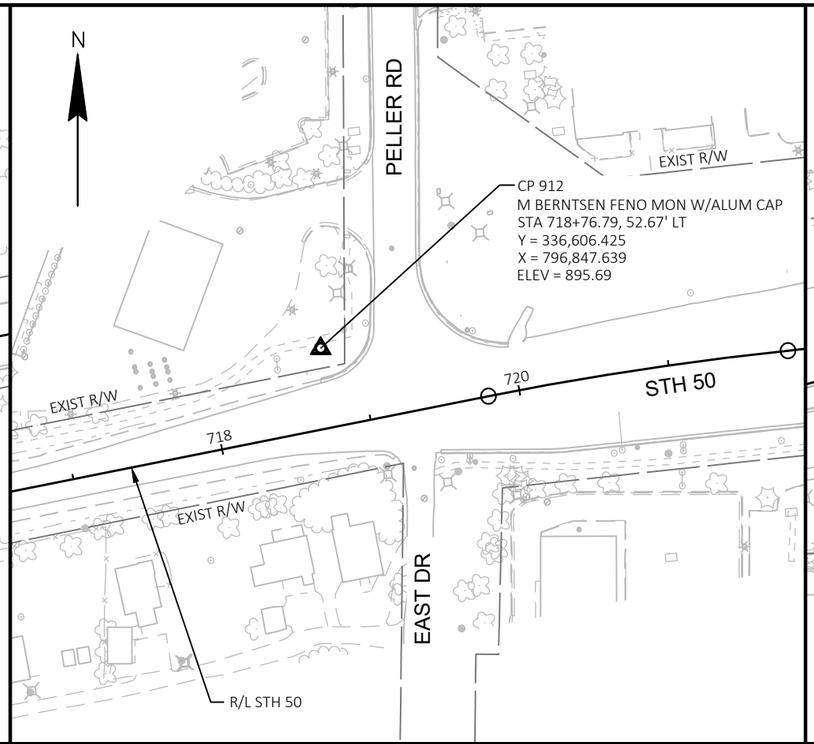


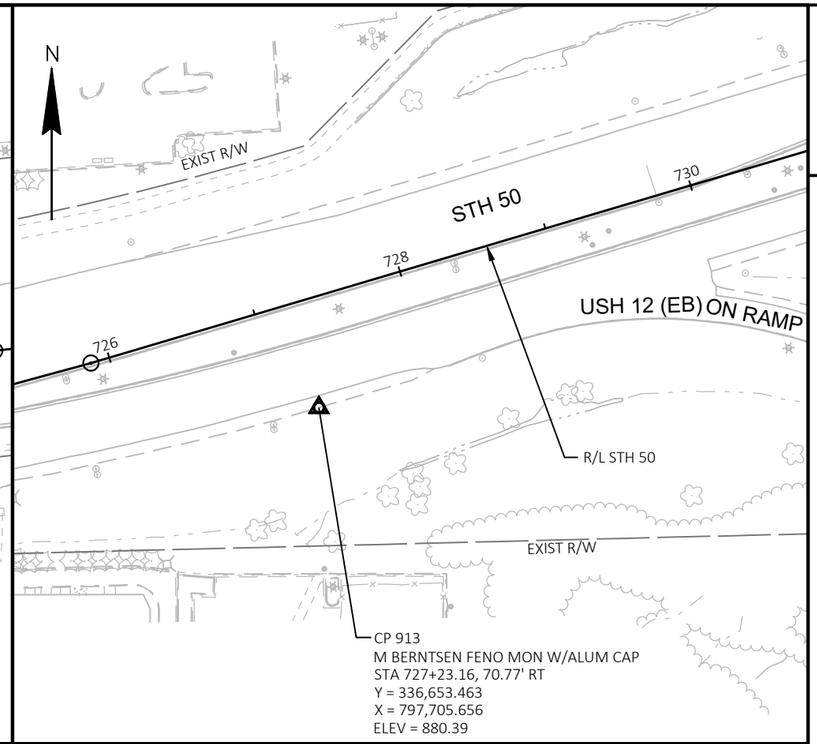


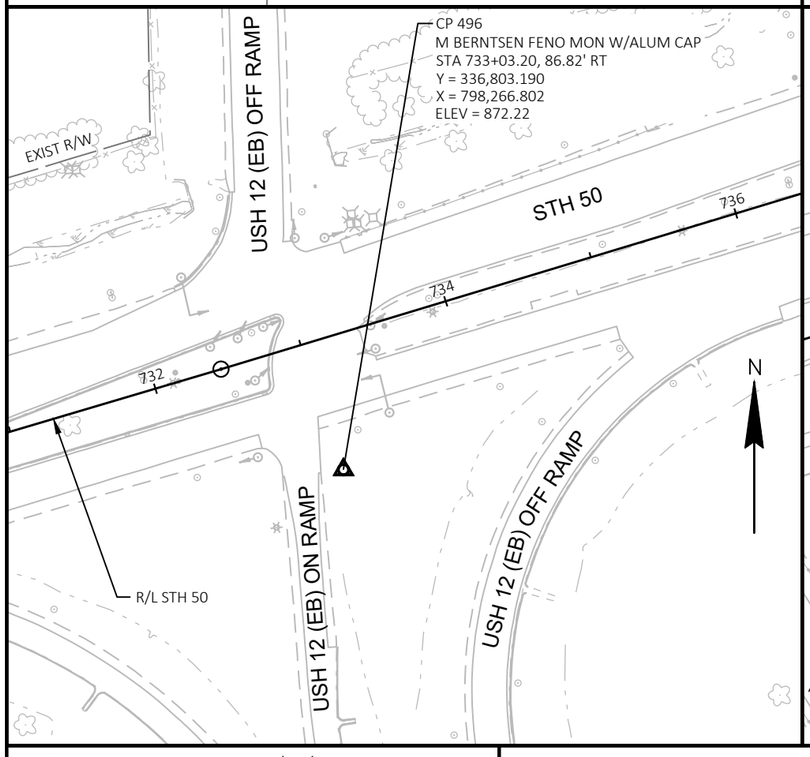
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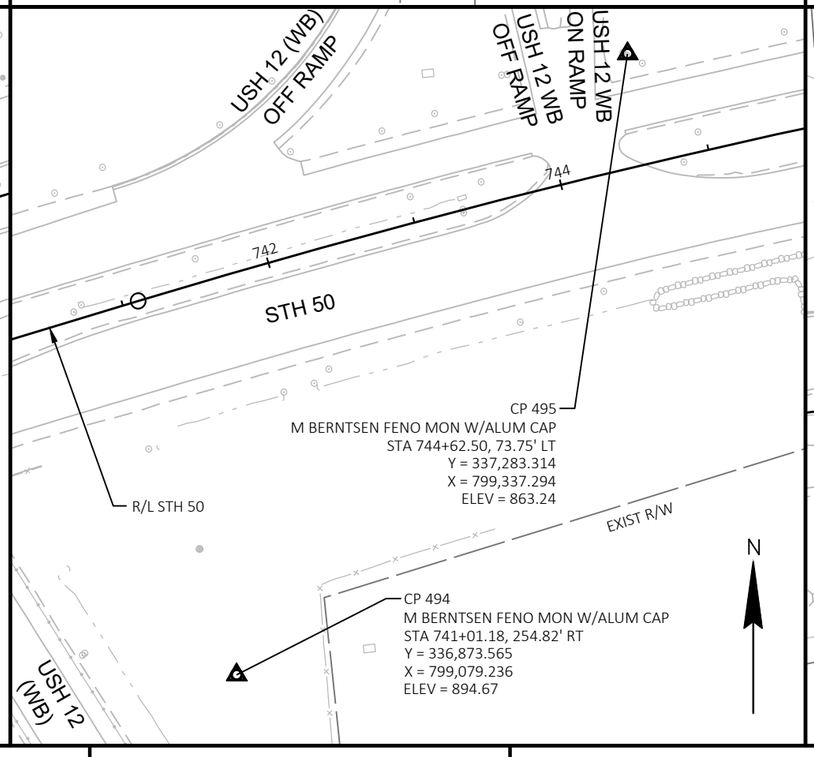
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LAYOUT NAME - 02-sc
PLOT DATE : 7/24/2026 8:33 PM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

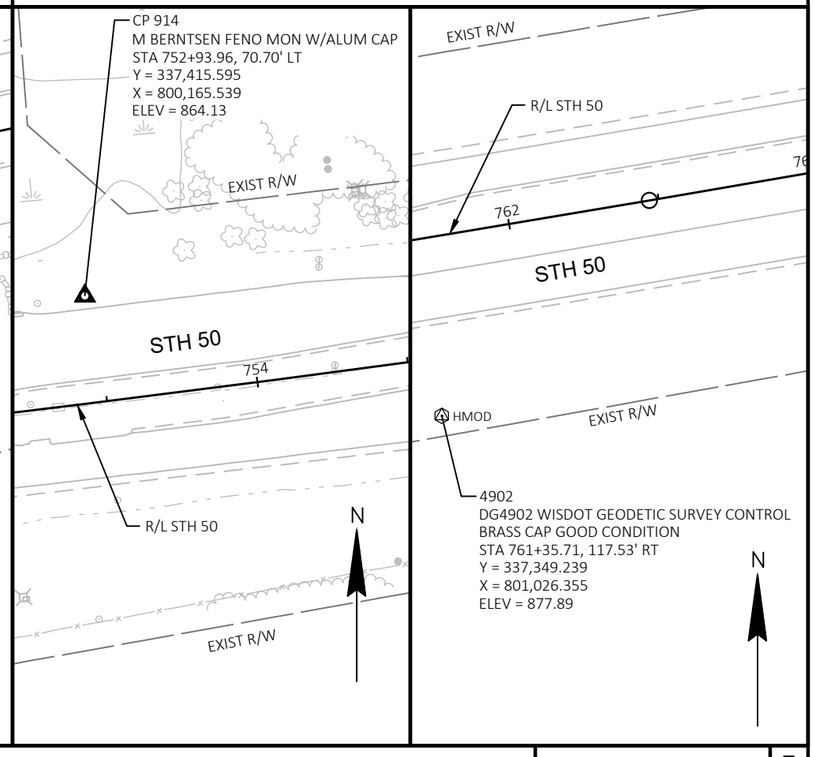












PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	ALIGNMENT LAYOUT-SURVEY CONTROL	SHEET 454	E

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	3170-09-70 Qty	3170-09-71 Qty	3170-09-81 Qty
0002	201.0105	Clearing	STA	29.000	16.000	13.000	
0004	201.0120	Clearing	ID	72.000		72.000	
0006	201.0205	Grubbing	STA	29.000	16.000	13.000	
0008	201.0220	Grubbing	ID	72.000		72.000	
0010	203.0100	Removing Small Pipe Culverts	EACH	2.000	2.000		
0012	204.0100	Removing Concrete Pavement	SY	36,265.000	3,515.000	32,750.000	
0014	204.0110	Removing Asphaltic Surface	SY	1,696.000	250.000	1,446.000	
0016	204.0115	Removing Asphaltic Surface Butt Joints	SY	205.000	175.000	30.000	
0018	204.0120	Removing Asphaltic Surface Milling	SY	58,215.000	52,570.000	5,645.000	
0020	204.0130	Removing Curb	LF	250.000		250.000	
0022	204.0150	Removing Curb & Gutter	LF	3,895.000	2,810.000	1,085.000	
0024	204.0155	Removing Concrete Sidewalk	SY	4,320.000	890.000	3,430.000	
0026	204.0165	Removing Guardrail	LF	458.000	433.000	25.000	
0028	204.0190	Removing Surface Drains	EACH	1.000		1.000	
0030	204.0195	Removing Concrete Bases	EACH	100.000	36.000	64.000	
0032	204.0220	Removing Inlets	EACH	11.000		11.000	
0034	204.0245	Removing Storm Sewer (size) 010. 10-Inch	LF	30.000		30.000	
0036	204.0245	Removing Storm Sewer (size) 012. 12-Inch	LF	170.000		170.000	
0038	204.0245	Removing Storm Sewer (size) 015. 15-Inch	LF	130.000		130.000	
0040	204.0245	Removing Storm Sewer (size) 018. 18-Inch	LF	70.000		70.000	
0042	204.0245	Removing Storm Sewer (size) 024. 24-Inch	LF	25.000		25.000	
0044	204.0246	Removing Ancillary Structure (structure) 001. S-64-0203	EACH	1.000	1.000		
0046	204.0260	Abandoning Inlets	EACH	1.000		1.000	
0048	204.0280	Sealing Pipes	EACH	1.000		1.000	
0050	204.0291.S	Abandoning Sewer	CY	5.000		5.000	
0052	204.9060.S	Removing (item description) 001. Overhead Sign Support	EACH	6.000		6.000	
0054	204.9060.S	Removing (item description) 002. Apron Endwalls	EACH	1.000	1.000		
0056	204.9060.S	Removing (item description) 601. Traffic Signals STH 50 & Cook St	EACH	1.000		1.000	
0058	204.9060.S	Removing (item description) 602. Traffic Signals STH 50 & Broad St	EACH	1.000		1.000	
0060	204.9060.S	Removing (item description) 603. Traffic Signals STH 50 & Center St	EACH	1.000		1.000	
0062	204.9060.S	Removing (item description) 604. Traffic Signals STH 50 & Wells St	EACH	1.000		1.000	
0064	204.9060.S	Removing (item description) 605. Traffic Signals STH 50 & Edwards Blvd	EACH	1.000	1.000		
0066	204.9060.S	Removing (item description) 606. Traffic Signals STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0068	204.9060.S	Removing (item description) 607. Loop Detector Wire & Lead-In Cable STH 50 & Wells St	EACH	1.000		1.000	
0070	204.9060.S	Removing (item description) 608. Loop Detector Wire & Lead-In Cable STH 50 & Edwards Blvd	EACH	1.000	1.000		
0072	204.9060.S	Removing (item description) 609. Loop Detector Wire & Lead-In Cable STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0074	205.0100	Excavation Common	CY	41,305.000	3,050.000	38,255.000	
0076	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	72.000	72.000		
0078	213.0100	Finishing Roadway (project) 001. 3170-09-70	EACH	1.000	1.000		
0080	213.0100	Finishing Roadway (project) 002. 3170-09-71	EACH	1.000		1.000	
0082	305.0110	Base Aggregate Dense 3/4-Inch	TON	565.000	400.000	165.000	
0084	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	32,112.000	4,267.000	27,845.000	
0086	310.0110	Base Aggregate Open-Graded	TON	115.000		115.000	
0088	313.0110	Pit Run	TON	34,318.000		34,318.000	
0090	371.2000.S	QMP Base Aggregate Dense 1 1/4-Inch Compaction	EACH	16.000		16.000	
0092	416.0610	Drilled Tie Bars	EACH	174.000	68.000	106.000	
0094	450.4000	HMA Cold Weather Paving	TON	1,000.000	500.000	500.000	

Line	Item	Item Description	Unit	Total	3170-09-70 Qty	3170-09-71 Qty	3170-09-81 Qty
0096	455.0605	Tack Coat	GAL	13,015.000	7,960.000	5,055.000	
0098	460.2000	Incentive Density HMA Pavement	DOL	16,170.000	8,830.000	7,340.000	
0100	460.6223	HMA Pavement 3 MT 58-28 S	TON	16,445.000	8,395.000	8,050.000	
0102	460.6224	HMA Pavement 4 MT 58-28 S	TON	70.000		70.000	
0104	460.6424	HMA Pavement 4 MT 58-28 H	TON	9,263.000	5,390.000	3,873.000	
0106	465.0105	Asphaltic Surface	TON	1,055.000	960.000	95.000	
0108	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	125.000	16.000	109.000	
0110	465.0125	Asphaltic Surface Temporary	TON	500.000		500.000	
0112	495.1000.S	Cold Patch	TON	300.000	200.000	100.000	
0114	520.8000	Concrete Collars for Pipe	EACH	7.000	1.000	6.000	
0116	522.0112	Culvert Pipe Reinforced Concrete Class III 12-Inch	LF	51.000	51.000		
0118	522.0130	Culvert Pipe Reinforced Concrete Class III 30-Inch	LF	13.000	13.000		
0120	522.1012	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH	2.000	2.000		
0122	522.1015	Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	EACH	3.000	3.000		
0124	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	1.000		1.000	
0126	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	1.000	1.000		
0128	531.2042	Drilling Shaft 42-Inch	LF	46.000	46.000		
0130	531.5440	Foundation Single-Shaft Type TF-IV (structure) 001. S-64-0610	EACH	2.000	2.000		
0132	532.5440	Truss Full Span 2-Chord Type IV (structure) 001. S-64-0610	EACH	1.000	1.000		
0134	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	5,940.000	440.000	5,500.000	
0136	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	10,600.000	3,995.000	6,605.000	
0138	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	475.000		475.000	
0140	601.0600	Concrete Curb Pedestrian	LF	848.000	550.000	298.000	
0142	602.0410	Concrete Sidewalk 5-Inch	SF	48,770.000	12,375.000	36,395.000	
0144	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	1,133.000	401.000	732.000	
0146	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	255.200	240.500	14.700	
0148	602.0810	Concrete Driveway 6-Inch	SY	1,080.000	645.000	435.000	
0150	602.0860	Concrete Driveway HES 6-Inch	SY	580.000	300.000	280.000	
0152	602.1500	Concrete Steps	SF	15.000	15.000		
0154	602.3010	Concrete Surface Drains	CY	1.500	1.000	0.500	
0156	603.8000	Concrete Barrier Temporary Precast Delivered	LF	200.000		200.000	
0158	603.8125	Concrete Barrier Temporary Precast Installed	LF	200.000		200.000	
0160	606.0200	Riprap Medium	CY	40.000	32.000	8.000	
0162	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	953.000		953.000	
0164	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	1,708.000	1,487.000	221.000	
0166	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	262.000		262.000	
0168	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	43.000		43.000	
0170	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	104.000		104.000	
0172	608.0512	Storm Sewer Pipe Reinforced Concrete Class V 12-Inch	LF	16.000		16.000	
0174	611.0530	Manhole Covers Type J	EACH	10.000	9.000	1.000	
0176	611.0600	Inlet Covers Type A	EACH	2.000		2.000	
0178	611.0610	Inlet Covers Type BW	EACH	1.000		1.000	
0180	611.0613	Inlet Covers Type DW	EACH	1.000		1.000	
0182	611.0655	Inlet Covers Type V-B	EACH	3.000		3.000	
0184	611.0660	Inlet Covers Type WM	EACH	31.000	10.000	21.000	
0186	611.0666	Inlet Covers Type Z	EACH	10.000		10.000	
0188	611.1003	Catch Basins 3-FT Diameter	EACH	6.000		6.000	
0190	611.1004	Catch Basins 4-FT Diameter	EACH	29.000	1.000	28.000	
0192	611.2004	Manholes 4-FT Diameter	EACH	7.000	7.000		

					3170-09-70	3170-09-71	3170-09-81
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0194	611.2005	Manholes 5-FT Diameter	EACH	2.000	2.000		
0196	611.2006	Manholes 6-FT Diameter	EACH	1.000		1.000	
0198	611.3004	Inlets 4-FT Diameter	EACH	9.000	8.000	1.000	
0200	611.3225	Inlets 2x2.5-FT	EACH	2.000	2.000		
0202	611.8105	Adjusting Catch Basin Covers	EACH	6.000		6.000	
0204	611.8110	Adjusting Manhole Covers	EACH	24.000	2.000	22.000	
0206	611.8115	Adjusting Inlet Covers	EACH	31.000	1.000	30.000	
0208	611.8120.S	Cover Plates Temporary	EACH	50.000	3.000	47.000	
0210	612.0106	Pipe Underdrain 6-Inch	LF	1,710.000		1,710.000	
0212	614.0010	Barrier System Grading Shaping Finishing	EACH	3.000	3.000		
0214	614.0397	Guardrail Mow Strip Emulsified Asphalt	SY	180.000	180.000		
0216	614.2300	MGS Guardrail 3	LF	525.000	525.000		
0218	614.2610	MGS Guardrail Terminal EAT	EACH	3.000	3.000		
0220	614.2620	MGS Guardrail Terminal Type 2	EACH	3.000	3.000		
0222	618.0100	Maintenance and Repair of Haul Roads (project) 001. 3170-09-70	EACH	1.000	1.000		
0224	618.0100	Maintenance and Repair of Haul Roads (project) 002. 3170-09-71	EACH	1.000		1.000	
0226	619.1000	Mobilization	EACH	1.000	0.300	0.700	
0228	620.0200	Concrete Median Blunt Nose	SF	47.000	47.000		
0230	620.0300	Concrete Median Sloped Nose	SF	11.000	11.000		
0232	624.0100	Water	MGAL	1,000.000	50.000	950.000	
0234	625.0100	Topsoil	SY	2,947.000	825.000	2,122.000	
0236	625.0500	Salvaged Topsoil	SY	18,225.000	6,605.000	11,620.000	
0238	627.0200	Mulching	SY	3,000.000	600.000	2,400.000	
0240	628.1104	Erosion Bales	EACH	100.000	50.000	50.000	
0242	628.1504	Silt Fence	LF	4,580.000	2,300.000	2,280.000	
0244	628.1520	Silt Fence Maintenance	LF	6,870.000	3,450.000	3,420.000	
0246	628.1905	Mobilizations Erosion Control	EACH	22.000	6.000	16.000	
0248	628.1910	Mobilizations Emergency Erosion Control	EACH	16.000	5.000	11.000	
0250	628.2008	Erosion Mat Urban Class I Type B	SY	13,972.000	5,660.000	8,312.000	
0252	628.2039	Erosion Mat Class III Type D	SY	1,750.000		1,750.000	
0254	628.6505	Soil Stabilizer Type A	ACRE	1.000	0.200	0.800	
0256	628.6510	Soil Stabilizer Type B	ACRE	4.000	0.500	3.500	
0258	628.7005	Inlet Protection Type A	EACH	15.000	4.000	11.000	
0260	628.7010	Inlet Protection Type B	EACH	20.000	9.000	11.000	
0262	628.7015	Inlet Protection Type C	EACH	90.000	25.000	65.000	
0264	628.7020	Inlet Protection Type D	EACH	40.000	5.000	35.000	
0266	628.7504	Temporary Ditch Checks	LF	120.000	120.000		
0268	628.7555	Culvert Pipe Checks	EACH	30.000	30.000		
0270	628.7560	Tracking Pads	EACH	20.000		20.000	
0272	628.7570	Rock Bags	EACH	200.000	120.000	80.000	
0274	629.0210	Fertilizer Type B	CWT	9.000	3.000	6.000	
0276	630.0140	Seeding Mixture No. 40	LB	740.000	280.000	460.000	
0278	630.0200	Seeding Temporary	LB	1,000.000	250.000	750.000	
0280	630.0500	Seed Water	MGAL	390.000	160.000	230.000	
0282	631.0300	Sod Water	MGAL	80.000	12.000	68.000	
0284	631.1000	Sod Lawn	SY	2,665.000	385.000	2,280.000	
0286	633.5200	Markers Culvert End	EACH	2.000	2.000		
0288	634.0618	Posts Wood 4x6-Inch x 18-FT	EACH	136.000	104.000	32.000	
0290	634.0622	Posts Wood 4x6-Inch x 22-FT	EACH	37.000	37.000		

					3170-09-70	3170-09-71	3170-09-81
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0292	634.0814	Posts Tubular Steel 2x2-Inch x 14-FT	EACH	48.000	20.000	28.000	
0294	634.0818	Posts Tubular Steel 2x2-Inch x 18-FT	EACH	4.000		4.000	
0296	637.1220	Signs Type I Reflective SH	SF	117.500	117.500		
0298	637.2210	Signs Type II Reflective H	SF	2,505.663	1,979.023	526.640	
0300	637.2215	Signs Type II Reflective H Folding	SF	186.500	67.140	119.360	
0302	637.2230	Signs Type II Reflective F	SF	773.960	383.710	390.250	
0304	638.2602	Removing Signs Type II	EACH	257.000	152.000	105.000	
0306	638.3000	Removing Small Sign Supports	EACH	187.000	135.000	52.000	
0308	643.0300	Traffic Control Drums	DAY	91,120.000	22,400.000	68,720.000	
0310	643.0320.S	Temporary Tape Rumble Strip Orange	LF	450.000	210.000	240.000	
0312	643.0420	Traffic Control Barricades Type III	DAY	35,020.000	5,510.000	29,510.000	
0314	643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	430.000	90.000	340.000	
0316	643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	390.000	80.000	310.000	
0318	643.0705	Traffic Control Warning Lights Type A	DAY	70,040.000	11,020.000	59,020.000	
0320	643.0715	Traffic Control Warning Lights Type C	DAY	6,445.000	1,620.000	4,825.000	
0322	643.0810	Traffic Control Connected Arrow Boards	DAY	260.000	45.000	215.000	
0324	643.0900	Traffic Control Signs	DAY	229,255.000	87,170.000	142,085.000	
0326	643.0910	Traffic Control Covering Signs Type I	EACH	50.000	30.000	20.000	
0328	643.0920	Traffic Control Covering Signs Type II	EACH	60.000	28.000	32.000	
0330	643.1000	Traffic Control Signs Fixed Message	SF	250.000	50.000	200.000	
0332	643.1050	Traffic Control Signs PCMS	DAY	470.000	280.000	190.000	
0334	643.1070	Traffic Control Cones 42-Inch	DAY	11,930.000	7,580.000	4,350.000	
0336	643.1222	Traffic Control Connected Work Zone End Location Marker	DAY	260.000	45.000	215.000	
0338	643.3170	Temporary Marking Line Epoxy 6-Inch	LF	40,510.000	23,620.000	16,890.000	
0340	643.3180	Temporary Marking Line Removable Tape 6-Inch	LF	19,750.000	1,300.000	18,450.000	
0342	643.3270	Temporary Marking Line Epoxy 10-Inch	LF	640.000	210.000	430.000	
0344	643.3280	Temporary Marking Line Removable Tape 10-Inch	LF	715.000	625.000	90.000	
0346	643.3320	Temporary Marking Crosswalk Epoxy 6-Inch	LF	770.000	300.000	470.000	
0348	643.3350	Temporary Marking Crosswalk Removable Tape 6-Inch	LF	1,995.000	185.000	1,810.000	
0350	643.3520	Temporary Marking Arrow Epoxy	EACH	22.000	14.000	8.000	
0352	643.3550	Temporary Marking Arrow Removable Tape	EACH	35.000	25.000	10.000	
0354	643.3820	Temporary Marking Stop Line Epoxy 18-Inch	LF	430.000	165.000	265.000	
0356	643.3850	Temporary Marking Stop Line Removable Tape 18-Inch	LF	560.000	150.000	410.000	
0358	643.5000	Traffic Control	EACH	1.000	0.500	0.500	
0360	644.1440	Temporary Pedestrian Surface Matting	SF	7,750.000	1,000.000	6,750.000	
0362	644.1601	Temporary Pedestrian Curb Ramp	DAY	500.000	300.000	200.000	
0364	644.1605	Temporary Pedestrian Detectable Warning Field	SF	190.000	80.000	110.000	
0366	644.1810	Temporary Pedestrian Barricade	LF	10,210.000	610.000	9,600.000	
0368	644.1900.S	Temporary Audible Message Devices	DAY	7,550.000	730.000	6,820.000	
0370	645.0111	Geotextile Type DF Schedule A	SY	760.000		760.000	
0372	645.0120	Geotextile Type HR	SY	120.000	92.000	28.000	
0374	645.0130	Geotextile Type R	SY	24.000	16.000	8.000	
0376	645.0220	Geogrid Type SR	SY	43,111.000		43,111.000	
0378	646.1020	Marking Line Epoxy 4-Inch	LF	3,901.000	3,082.000	819.000	
0380	646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	1,149.000	899.000	250.000	
0382	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	36,076.000	23,247.000	12,829.000	
0384	646.3020	Marking Line Epoxy 8-Inch	LF	1,163.000	796.000	367.000	
0386	646.4025	Marking Line Grooved Black Epoxy 10-Inch	LF	1,027.000	804.000	223.000	
0388	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	8,644.000	7,031.000	1,613.000	

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Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0390	646.4720	Marking Line Same Day Epoxy 6-Inch	LF	9,300.000	8,800.000	500.000	
0392	646.4820	Marking Line Same Day Epoxy 10-Inch	LF	450.000	400.000	50.000	
0394	646.5020	Marking Arrow Epoxy	EACH	104.000	55.000	49.000	
0396	646.5120	Marking Word Epoxy	EACH	44.000	28.000	16.000	
0398	646.5220	Marking Symbol Epoxy	EACH	12.000	2.000	10.000	
0400	646.6120	Marking Stop Line Epoxy 18-Inch	LF	1,151.000	556.000	595.000	
0402	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	6,000.000	4,000.000	2,000.000	
0404	646.6470	Cold Weather Marking Epoxy 10-Inch	LF	300.000	200.000	100.000	
0406	646.7120	Marking Diagonal Epoxy 12-Inch	LF	1,046.000	645.000	401.000	
0408	646.7220	Marking Chevron Epoxy 24-Inch	LF	82.000	82.000		
0410	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	3,569.000	1,535.000	2,034.000	
0412	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	593.000	90.000	503.000	
0414	646.8020	Marking Corrugated Median Epoxy	SF	42.000	42.000		
0416	646.8120	Marking Curb Epoxy	LF	145.000	145.000		
0418	646.8220	Marking Island Nose Epoxy	EACH	5.000	5.000		
0420	646.8320	Marking Parking Stall Epoxy	LF	6,900.000	750.000	6,150.000	
0422	646.9000	Marking Removal Line 4-Inch	LF	13,080.000	11,280.000	1,800.000	
0424	646.9010	Marking Removal Line Water Blasting 4-Inch	LF	2,870.000	830.000	2,040.000	
0426	646.9100	Marking Removal Line 8-Inch	LF	530.000	500.000	30.000	
0428	646.9110	Marking Removal Line Water Blasting 8-Inch	LF	1,115.000	1,115.000		
0430	646.9200	Marking Removal Line Wide	LF	130.000	100.000	30.000	
0432	646.9300	Marking Removal Special Marking	EACH	10.000	7.000	3.000	
0434	646.9310	Marking Removal Special Marking Water Blasting	EACH	12.000	12.000		
0436	650.4000	Construction Staking Storm Sewer	EACH	58.000	22.000	36.000	
0438	650.4500	Construction Staking Subgrade	LF	9,385.000	2,180.000	7,205.000	
0440	650.5000	Construction Staking Base	LF	7,205.000		7,205.000	
0442	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	17,930.000	5,025.000	12,905.000	
0444	650.6000	Construction Staking Pipe Culverts	EACH	1.000	1.000		
0446	650.6501	Construction Staking Structure Layout (structure) 001. S-64-0610	EACH	1.000	1.000		
0448	650.8000	Construction Staking Resurfacing Reference	LF	14,075.000	13,150.000	925.000	
0450	650.9000	Construction Staking Curb Ramps	EACH	101.000	38.000	63.000	
0452	650.9500	Construction Staking Sidewalk (project) 001. 3170-09-70	EACH	1.000	1.000		
0454	650.9500	Construction Staking Sidewalk (project) 002. 3170-09-71	EACH	1.000		1.000	
0456	650.9911	Construction Staking Supplemental Control (project) 001. 3170-09-70	EACH	1.000	1.000		
0458	650.9911	Construction Staking Supplemental Control (project) 002. 3170-09-71	EACH	1.000		1.000	
0460	650.9920	Construction Staking Slope Stakes	LF	9,385.000	2,180.000	7,205.000	
0462	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	681.000	301.000	380.000	
0464	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	3,179.000	364.000	2,815.000	
0466	652.0615	Conduit Special 3-Inch	LF	2,180.000	2,180.000		
0468	653.0140	Pull Boxes Steel 24x42-Inch	EACH	40.000	21.000	19.000	
0470	653.0905	Removing Pull Boxes	EACH	55.000	32.000	23.000	
0472	654.0101	Concrete Bases Type 1	EACH	37.000	14.000	23.000	
0474	654.0102	Concrete Bases Type 2	EACH	7.000	7.000		
0476	654.0105	Concrete Bases Type 5	EACH	26.000	1.000	25.000	
0478	654.0110	Concrete Bases Type 10	EACH	6.000	2.000	4.000	
0480	654.0113	Concrete Bases Type 13	EACH	1.000	1.000		
0482	654.0120	Concrete Bases Type 10-Special	EACH	13.000	4.000	9.000	
0484	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	6.000	2.000	4.000	
0486	655.0230	Cable Traffic Signal 5-14 AWG	LF	4,046.000	1,807.000	2,239.000	

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Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0488	655.0240	Cable Traffic Signal 7-14 AWG	LF	3,854.000	2,527.000	1,327.000	
0490	655.0260	Cable Traffic Signal 12-14 AWG	LF	8,781.000	3,561.000	5,220.000	
0492	655.0270	Cable Traffic Signal 15-14 AWG	LF	779.000	624.000	155.000	
0494	655.0305	Cable Type UF 2-12 AWG Grounded	LF	1,904.000	1,161.000	743.000	
0496	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	9,017.000	4,277.000	4,740.000	
0498	655.0610	Electrical Wire Lighting 12 AWG	LF	1,944.000	1,368.000	576.000	
0500	655.0900	Traffic Signal EVP Detector Cable	LF	5,171.000	2,212.000	2,959.000	
0502	656.0201	Electrical Service Meter Breaker Pedestal (location) 601. STH 50 & Cook St	EACH	1.000		1.000	
0504	656.0201	Electrical Service Meter Breaker Pedestal (location) 602. STH 50 & Broad St	EACH	1.000		1.000	
0506	656.0201	Electrical Service Meter Breaker Pedestal (location) 603. STH 50 & Center St	EACH	1.000		1.000	
0508	656.0201	Electrical Service Meter Breaker Pedestal (location) 604. STH 50 & Wells St	EACH	1.000		1.000	
0510	656.0201	Electrical Service Meter Breaker Pedestal (location) 605. STH 50 & Edwards Blvd	EACH	1.000	1.000		
0512	656.0201	Electrical Service Meter Breaker Pedestal (location) 606. STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0514	657.0100	Pedestal Bases	EACH	37.000	14.000	23.000	
0516	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	7.000	7.000		
0518	657.0310	Poles Type 3	EACH	7.000	7.000		
0520	657.0345	Poles Type 9	EACH	2.000	1.000	1.000	
0522	657.0347	Poles Type 9-Special	EACH	9.000	4.000	5.000	
0524	657.0350	Poles Type 10	EACH	4.000	1.000	3.000	
0526	657.0352	Poles Type 10-Special	EACH	4.000		4.000	
0528	657.0360	Poles Type 13	EACH	1.000	1.000		
0530	657.0405	Traffic Signal Standards Aluminum 3.5-FT	EACH	2.000		2.000	
0532	657.0420	Traffic Signal Standards Aluminum 13-FT	EACH	19.000	14.000	5.000	
0534	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	12.000		12.000	
0536	657.0430	Traffic Signal Standards Aluminum 10-FT	EACH	4.000		4.000	
0538	657.0520	Monotube Arms 20-FT	EACH	1.000	1.000		
0540	657.0525	Monotube Arms 25-FT	EACH	2.000		2.000	
0542	657.0530	Monotube Arms 30-FT	EACH	3.000	1.000	2.000	
0544	657.0536	Monotube Arms 35-FT-Special	EACH	6.000	2.000	4.000	
0546	657.0541	Monotube Arms 40-FT-Special	EACH	5.000	1.000	4.000	
0548	657.0546	Monotube Arms 45-FT-Special	EACH	2.000	1.000	1.000	
0550	657.0555	Monotube Arms 55-FT	EACH	1.000	1.000		
0552	657.0609	Luminaire Arms Single Member 4-Inch Clamp 6-FT	EACH	9.000	9.000		
0554	657.0808	Luminaire Arms Steel 8-FT	EACH	5.000		5.000	
0556	657.0815	Luminaire Arms Steel 15-FT	EACH	5.000	3.000	2.000	
0558	658.0173	Traffic Signal Face 3S 12-Inch	EACH	87.000	45.000	42.000	
0560	658.0174	Traffic Signal Face 4S 12-Inch	EACH	24.000		24.000	
0562	658.0416	Pedestrian Signal Face 16-Inch	EACH	42.000	12.000	30.000	
0564	658.5070	Signal Mounting Hardware (location) 601. STH 50 & Cook St	EACH	1.000		1.000	
0566	658.5070	Signal Mounting Hardware (location) 602. STH 50 & Broad St	EACH	1.000		1.000	
0568	658.5070	Signal Mounting Hardware (location) 603. STH 50 & Center St	EACH	1.000		1.000	
0570	658.5070	Signal Mounting Hardware (location) 604. STH 50 & Wells St	EACH	1.000		1.000	
0572	658.5070	Signal Mounting Hardware (location) 605. STH 50 & Edwards Blvd	EACH	1.000	1.000		
0574	658.5070	Signal Mounting Hardware (location) 606. STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0576	659.1125	Luminaires Utility LED C	EACH	15.000	11.000	4.000	
0578	661.0201	Temporary Traffic Signals for Intersections (location) 601. STH 50 & Cook St	EACH	1.000		1.000	
0580	661.0201	Temporary Traffic Signals for Intersections (location) 602. STH 50 & Broad St	EACH	1.000		1.000	
0582	661.0201	Temporary Traffic Signals for Intersections (location) 603. STH 50 & Center St	EACH	1.000		1.000	
0584	661.0201	Temporary Traffic Signals for Intersections (location) 604. STH 50 & Wells St	EACH	1.000		1.000	

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Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0586	661.0201	Temporary Traffic Signals for Intersections (location) 605. STH 50 & Edwards Blvd	EACH	1.000	1.000		
0588	661.0201	Temporary Traffic Signals for Intersections (location) 606. STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0590	661.0300	Generators	DAY	6.000	2.000	4.000	
0592	678.0501	Communication System Testing	EACH	1.000		1.000	
0594	690.0150	Sawing Asphalt	LF	6,876.000	5,280.000	1,596.000	
0596	690.0250	Sawing Concrete	LF	4,740.000	225.000	4,515.000	
0598	740.0440	Incentive IRI Ride	DOL	14,100.000	8,480.000	5,620.000	
0600	999.1501.S	Crack and Damage Survey	EACH	69.000		69.000	
0602	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,100.000	2,100.000		
0604	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	37,500.000	37,500.000		
0606	SPV.0035	Special 001. Backfill Slurry	CY	50.000	25.000	25.000	
0608	SPV.0035	Special 500. Utility Trench Slurry Backfill for Sanitary Sewer	CY	1,500.000			1,500.000
0610	SPV.0035	Special 501. Utility Trench Slurry Backfill for Water Main	CY	900.000			900.000
0612	SPV.0060	Special 001. Utility Line Opening (ULO)	EACH	30.000	5.000	25.000	
0614	SPV.0060	Special 002. Field Facilities Office Space	EACH	1.000	0.500	0.500	
0616	SPV.0060	Special 003. Inlet Covers Type B Special	EACH	1.000		1.000	
0618	SPV.0060	Special 004. Curb Ramp Grading, Shaping, and Finishing	EACH	29.000	21.000	8.000	
0620	SPV.0060	Special 005. Tension Anchor Rods, S-64-204	EACH	1.000	1.000		
0622	SPV.0060	Special 007. Remove, Salvage, and Reinstall City Owned Signs	EACH	15.000	1.000	14.000	
0624	SPV.0060	Special 009. Remove, Salvage, and Reinstall City Owned Tree Grate	EACH	22.000		22.000	
0626	SPV.0060	Special 010. Pipe Connection to Existing Structure	EACH	14.000		14.000	
0628	SPV.0060	Special 011. Baseline CPM Progress Schedule	EACH	1.000	1.000		
0630	SPV.0060	Special 012. Monthly CPM Progress Schedule Updates	EACH	22.000	22.000		
0632	SPV.0060	Special 020. RRFB System STH 50 NW Quad Maxwell St	EACH	1.000		1.000	
0634	SPV.0060	Special 021. RRFB System STH 50 SW Quad Maxwell St	EACH	1.000		1.000	
0636	SPV.0060	Special 022. RRFB System STH 50 NE Quad Maxwell St	EACH	1.000		1.000	
0638	SPV.0060	Special 023. RRFB System STH 50 SE Quad Maxwell St	EACH	1.000		1.000	
0640	SPV.0060	Special 024. RRFB System STH 50 NW Quad Mill St	EACH	1.000		1.000	
0642	SPV.0060	Special 025. RRFB System STH 50 SW Quad Mill St	EACH	1.000		1.000	
0644	SPV.0060	Special 300. Construction Staking Shared-Use Path (3170-09-70)	EACH	1.000	1.000		
0646	SPV.0060	Special 420. RRFB System STH 50 NE Quad Sky Ln	EACH	1.000		1.000	
0648	SPV.0060	Special 421. RRFB System STH 50 SE Quad Sky Ln	EACH	1.000		1.000	
0650	SPV.0060	Special 422. RRFB System STH 50 NE Quad Elmwood Ave	EACH	1.000		1.000	
0652	SPV.0060	Special 423. RRFB System STH 50 SE Quad Elmwood Ave	EACH	1.000		1.000	
0654	SPV.0060	Special 424. RRFB System STH 50 NW Quad Warren St	EACH	1.000		1.000	
0656	SPV.0060	Special 425. RRFB System STH 50 SW Quad Warren St	EACH	1.000		1.000	
0658	SPV.0060	Special 426. RRFB System STH 50 NE Quad Warren St	EACH	1.000		1.000	
0660	SPV.0060	Special 427. RRFB System STH 50 SE Quad Warren St	EACH	1.000		1.000	
0662	SPV.0060	Special 428. RRFB System STH 50 NW Quad Madison St	EACH	1.000		1.000	
0664	SPV.0060	Special 429. RRFB System STH 50 SW Quad Madison St	EACH	1.000		1.000	
0666	SPV.0060	Special 430. RRFB System STH 50 NE Quad Madison St	EACH	1.000		1.000	
0668	SPV.0060	Special 431. RRFB System STH 50 SE Quad Madison St	EACH	1.000		1.000	
0670	SPV.0060	Special 432. RRFB System STH 50 NW Quad West St	EACH	1.000	1.000		
0672	SPV.0060	Special 433. RRFB System STH 50 SW Quad West St	EACH	1.000	1.000		
0674	SPV.0060	Special 500. Construction Staking Sanitary Sewer	EACH	1.000			1.000
0676	SPV.0060	Special 501. Abandon Existing Sanitary Manhole	EACH	7.000			7.000
0678	SPV.0060	Special 502. Sanitary Sewer Manhole, 48-Inch	EACH	15.000			15.000
0680	SPV.0060	Special 503. Sanitary Sewer Manhole Outside Drop	EACH	2.000			2.000
0682	SPV.0060	Special 504. Connect To Existing Sanitary Sewer	EACH	9.000			9.000

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Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0684	SPV.0060	Special 505. Wye 12-Inch X 6-Inch	EACH	19.000			19.000
0686	SPV.0060	Special 506. Wye 8-Inch X 6-Inch	EACH	9.000			9.000
0688	SPV.0060	Special 507. Dewatering (For Sanitary Sewer)	EACH	1.000			1.000
0690	SPV.0060	Special 508. Utility Line Opening (For Sanitary Sewer)	EACH	5.000			5.000
0692	SPV.0060	Special 509. Construction Staking Water Main	EACH	1.000			1.000
0694	SPV.0060	Special 510. Remove Existing Hydrant Assembly	EACH	8.000			8.000
0696	SPV.0060	Special 511. Remove Existing Valve Box	EACH	12.000			12.000
0698	SPV.0060	Special 512. Remove Existing Water Main Structure	EACH	4.000			4.000
0700	SPV.0060	Special 513. Abandon Existing Water Main (6 Inch DIA and Less)	EACH	17.000			17.000
0702	SPV.0060	Special 514. Connect To Existing Water Main	EACH	15.000			15.000
0704	SPV.0060	Special 515. Hydrant	EACH	11.000			11.000
0706	SPV.0060	Special 516. Valve & Box 16-Inch	EACH	19.000			19.000
0708	SPV.0060	Special 517. Valve & Box 12-Inch	EACH	2.000			2.000
0710	SPV.0060	Special 518. Valve & Box 10-Inch	EACH	1.000			1.000
0712	SPV.0060	Special 519. Valve & Box 8-Inch	EACH	10.000			10.000
0714	SPV.0060	Special 520. Valve & Box 6-Inch	EACH	15.000			15.000
0716	SPV.0060	Special 521. Cross 16-Inch X 16-Inch	EACH	1.000			1.000
0718	SPV.0060	Special 522. Tee 16-Inch X 16-Inch	EACH	8.000			8.000
0720	SPV.0060	Special 523. Tee 16-Inch X 12-Inch	EACH	2.000			2.000
0722	SPV.0060	Special 524. Tee 12-Inch X 6-Inch	EACH	1.000			1.000
0724	SPV.0060	Special 525. Tee 16-Inch X 8-Inch	EACH	1.000			1.000
0726	SPV.0060	Special 526. Tee 16-Inch X 6-Inch	EACH	11.000			11.000
0728	SPV.0060	Special 527. Tee 8-Inch X 6-Inch	EACH	2.000			2.000
0730	SPV.0060	Special 528. Bend 16-Inch	EACH	22.000			22.000
0732	SPV.0060	Special 529. Bend 8-Inch	EACH	2.000			2.000
0734	SPV.0060	Special 530. Bend 6-Inch	EACH	6.000			6.000
0736	SPV.0060	Special 531. Reducer 16-Inch X 12-Inch	EACH	2.000			2.000
0738	SPV.0060	Special 532. Reducer 16-Inch X 8-Inch	EACH	8.000			8.000
0740	SPV.0060	Special 533. Reducer 8-Inch X 6-Inch	EACH	5.000			5.000
0742	SPV.0060	Special 534. Reducer 8-Inch X 4-Inch	EACH	1.000			1.000
0744	SPV.0060	Special 535. Cap 8-Inch	EACH	1.000			1.000
0746	SPV.0060	Special 536. Plug 16-Inch	EACH	1.000			1.000
0748	SPV.0060	Special 537. Corporation, Curb Stop, Box & Reconnect 2 Inch	EACH	5.000			5.000
0750	SPV.0060	Special 538. Corporation, Curb Stop, Box & Reconnect 1.5 Inch	EACH	28.000			28.000
0752	SPV.0060	Special 539. Corporation, Curb Stop, Box & Reconnect 1 Inch	EACH	34.000			34.000
0754	SPV.0060	Special 540. Temporary Water Service	EACH	67.000			67.000
0756	SPV.0060	Special 541. Dewatering (For Water Main)	EACH	1.000			1.000
0758	SPV.0060	Special 542. Utility Line Opening (For Water Main)	EACH	5.000			5.000
0760	SPV.0060	Special 543. Temporary Testing Items	EACH	1.000			1.000
0762	SPV.0060	Special 544. Adjust Existing Water Main Valve Box And Lid	EACH	32.000	18.000		14.000
0764	SPV.0060	Special 545. Replace Water Main Valve Box And Lid	EACH	16.000	9.000		7.000
0766	SPV.0060	Special 546. Adjust Existing Sanitary Sewer Manhole	EACH	12.000	7.000		5.000
0768	SPV.0060	Special 547. Replace Sanitary Manhole Casting And Lid	EACH	6.000	3.000		3.000
0770	SPV.0060	Special 548. Abandon Existing Water Valve Manhole	EACH	1.000	1.000		
0772	SPV.0060	Special 549. Adjust Existing Water Main Manhole And Lid	EACH	2.000	2.000		
0774	SPV.0060	Special 599. Remove, Salvage, and Reinstall Decorative Stone Wall	EACH	1.000		1.000	
0776	SPV.0060	Special 600. Traffic Signal Cabinet & Controller STH 50 & Cook St	EACH	1.000		1.000	
0778	SPV.0060	Special 601. Traffic Signal Cabinet & Controller STH 50 & Broad St	EACH	1.000		1.000	
0780	SPV.0060	Special 602. Traffic Signal Cabinet & Controller STH 50 & Center St	EACH	1.000		1.000	

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Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0782	SPV.0060	Special 603. Traffic Signal Cabinet & Controller STH 50 & Wells St	EACH	1.000		1.000	
0784	SPV.0060	Special 604. Traffic Signal Cabinet & Controller STH 50 & Edwards Blvd	EACH	1.000	1.000		
0786	SPV.0060	Special 605. Traffic Signal Cabinet & Controller STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0788	SPV.0060	Special 606. Emergency Vehicle Preemption System STH 50 & Cook St	EACH	1.000		1.000	
0790	SPV.0060	Special 607. Emergency Vehicle Preemption System STH 50 & Broad St	EACH	1.000		1.000	
0792	SPV.0060	Special 608. Emergency Vehicle Preemption System STH 50 & Center St	EACH	1.000		1.000	
0794	SPV.0060	Special 609. Emergency Vehicle Preemption System STH 50 & Wells St	EACH	1.000		1.000	
0796	SPV.0060	Special 610. Emergency Vehicle Preemption System STH 50 & Edwards Blvd	EACH	1.000	1.000		
0798	SPV.0060	Special 611. Emergency Vehicle Preemption System STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0800	SPV.0060	Special 612. Temporary Infrared EVP System STH 50 & Cook St	EACH	1.000		1.000	
0802	SPV.0060	Special 613. Temporary Infrared EVP System STH 50 & Broad St	EACH	1.000		1.000	
0804	SPV.0060	Special 614. Temporary Infrared EVP System STH 50 & Center St	EACH	1.000		1.000	
0806	SPV.0060	Special 615. Temporary Infrared EVP System STH 50 & Wells St	EACH	1.000		1.000	
0808	SPV.0060	Special 616. Temporary Infrared Evp System STH 50 & Edwards Blvd	EACH	1.000	1.000		
0810	SPV.0060	Special 617. Temporary Infrared Evp System STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0812	SPV.0060	Special 618. Video Detection System STH 50 & Cook St	EACH	1.000		1.000	
0814	SPV.0060	Special 619. Video Detection System STH 50 & Broad St	EACH	1.000		1.000	
0816	SPV.0060	Special 620. Video Detection System STH 50 & Center St	EACH	1.000		1.000	
0818	SPV.0060	Special 621. Video Detection System STH 50 & Wells St	EACH	1.000		1.000	
0820	SPV.0060	Special 622. Video Detection System STH 50 & Edwards Blvd	EACH	1.000	1.000		
0822	SPV.0060	Special 623. Video Detection System STH 50 & USH 12 SB Ramp	EACH	1.000	1.000		
0824	SPV.0060	Special 624. Radio Interconnect System STH 50 & Cook St	EACH	1.000		1.000	
0826	SPV.0060	Special 625. Radio Interconnect System STH 50 & Broad St	EACH	1.000		1.000	
0828	SPV.0060	Special 626. Radio Interconnect System STH 50 & Center St	EACH	1.000		1.000	
0830	SPV.0060	Special 627. Radio Interconnect System STH 50 & Wells St	EACH	1.000		1.000	
0832	SPV.0060	Special 628. Accessible Pedestrian Push Button System STH 50 & Cook St	EACH	1.000		1.000	
0834	SPV.0060	Special 629. Accessible Pedestrian Push Button System STH 50 & Broad St	EACH	1.000		1.000	
0836	SPV.0060	Special 630. Accessible Pedestrian Push Button System STH 50 & Center St	EACH	1.000		1.000	
0838	SPV.0060	Special 631. Accessible Pedestrian Push Button System STH 50 & Wells St	EACH	1.000		1.000	
0840	SPV.0060	Special 632. Accessible Pedestrian Push Button System STH 50 & Edwards Blvd	EACH	1.000	1.000		
0842	SPV.0060	Special 633. Install Cellular Modem	EACH	1.000		1.000	
0844	SPV.0060	Special 634. Black Paint for Signal & Lighting Materials (Project ID 3170-09-71)	EACH	1.000		1.000	
0846	SPV.0075	Special 001. Street Sweeping	HRS	100.000	20.000	80.000	
0848	SPV.0090	Special 001. Asphaltic Curb Temporary	LF	1,260.000		1,260.000	
0850	SPV.0090	Special 002. Concrete Curb & Gutter 24-Inch Type D	LF	965.000	590.000	375.000	
0852	SPV.0090	Special 003. Sawing Concrete Curb Head	LF	190.000	190.000		
0854	SPV.0090	Special 500. Sanitary Sewer PVC 15 Inch	LF	69.000			69.000
0856	SPV.0090	Special 501. Sanitary Sewer PVC 14 Inch	LF	96.000			96.000
0858	SPV.0090	Special 502. Sanitary Sewer PVC 12 Inch	LF	292.000			292.000
0860	SPV.0090	Special 503. Sanitary Sewer PVC 8 Inch	LF	2,372.000			2,372.000
0862	SPV.0090	Special 504. RCP Class V 36 Inch	LF	80.000			80.000
0864	SPV.0090	Special 505. Sanitary Lateral 6 Inch	LF	1,121.000			1,121.000
0866	SPV.0090	Special 506. Abandon Existing Sanitary Sewer (Greater than 6 Inch DIA)	LF	1,101.000			1,101.000
0868	SPV.0090	Special 507. Water Main Ductile Iron 16 Inch	LF	5,364.000			5,364.000
0870	SPV.0090	Special 508. Water Main Ductile Iron 12 Inch	LF	28.000			28.000
0872	SPV.0090	Special 509. Water Main Ductile Iron 8 Inch	LF	151.000			151.000
0874	SPV.0090	Special 510. Water Main Ductile Iron 6 Inch	LF	233.000			233.000
0876	SPV.0090	Special 511. Water Main Ductile Iron 4 Inch	LF	1.000			1.000
0878	SPV.0090	Special 512. Water Main Casing Pipe 30 Inch	LF	40.000			40.000

					3170-09-70	3170-09-71	3170-09-81
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**	**Qty**
0880	SPV.0090	Special 513. Water Service CST SDR 9 - 2 Inch	LF	240.000			240.000
0882	SPV.0090	Special 514. Water Service CST SDR 9 - 1.5 Inch	LF	741.000			741.000
0884	SPV.0090	Special 515. Water Service CST SDR 9 - 1 Inch	LF	793.000			793.000
0886	SPV.0090	Special 516. Abandon Existing Water Main (Greater than 6 Inch DIA)	LF	2,100.000			2,100.000
0888	SPV.0090	Special 518. Water Main Ductile Iron 10 Inch	LF	4.000			4.000
0890	SPV.0165	Special 001. Salvaging And Reinstalling Brick Pavers	SF	2,015.000		2,015.000	
0892	SPV.0165	Special 500. 4 Ft X 8 Ft Insulation Board Polystyrene 2 Inch Thick (Sanitary Sewer)	SF	1,536.000			1,536.000
0894	SPV.0165	Special 501. 4 Ft X 8 Ft Insulation Board Polystyrene 2 Inch Thick (Watermain)	SF	736.000	224.000		512.000
0896	SPV.0180	Special 001. Excavation of Phragmites Contaminated Soil	SY	50.000	50.000		
0898	SPV.0195	Special 001. Excavation, Hauling, and Disposal of Metals Contaminated Soil	TON	4,185.000		4,185.000	
0900	SPV.0195	Special 002. Excavation, Hauling, and Disposal of VOC Contaminated Soil	TON	1,680.000		1,680.000	
0902	SPV.0195	Special 003. Asphaltic Repair	TON	1,050.000	1,050.000		

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REMOVING CULVERT ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	204.9060.S.002 REMOVING APRON ENDWALLS EACH	REMARKS
-70	1000	STH 50					
			705+42	RT	1	--	DRIVEWAY, 12-INCH
			SUBTOTAL CAT 1000		1	0	
-70	2000	STH 50					
			703+93	LT	--	1	30-INCH
			719+82	LT	1	--	PELLER RD, 15-INCH
			SUBTOTAL CAT 2000		1	1	
			TOTAL PROJECT -70		2	1	

REMOVING CONCRETE PAVEMENT

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	204.0100 SY	REMARKS
-71	1100	STH 50						
			618+50	-	620+74	LT/RT	2,017	
			620+74	-	627+20	LT/RT	4,086	
			627+20	-	628+29	LT/RT	625	
			628+29	-	639+72	LT/RT	4,480	
			639+72	-	648+41	LT/RT	3,456	
			648+41	-	652+80	LT/RT	1,463	
			652+80	-	657+20	LT/RT	--	RESURFACING AREA
			657+20	-	661+59	LT/RT	574	
			661+59	-	666+10	LT/RT	3,736	
			666+10	-	670+40	LT/RT	3,687	
			670+40	-	675+25	LT/RT	3,680	
			675+25	-	677+00	LT/RT	1,430	
			677+00	-	679+24	LT/RT	1,559	
			679+24	-	682+77	LT/RT	1,957	
			SUBTOTAL CAT 1100				32,750	
			TOTAL PROJECT -71				32,750	
-70	1000	STH 50						
			684+33	-	687+96	RT	40	DRIVEWAYS
			687+96	-	691+34	RT	55	DRIVEWAYS
			SUBTOTAL CAT 1000				95	
-70	1100	STH 50						
			UNDISTRIBUTED				3,420	
			SUBTOTAL CAT 1100				3,420	
			TOTAL PROJECT -70				3,515	

CLEARING AND GRUBBING ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0120 CLEARING ID	201.0205 GRUBBING STA	201.0220 GRUBBING ID
-71	1000	STH 50								
			632+00	-	639+00	LT	7	--	7	--
			681+00	-	682+00	RT	1	--	1	--
			683+05			LT	--	6	--	6
			683+35			LT	--	5	--	5
			683+73			LT	--	6	--	6
			SUBTOTAL CAT 1000				8	17	8	17
-71	4010	STH 50								
			622+00	-	625+00	LT	3	--	3	--
			626+12			LT	--	9	--	9
			626+77			RT	--	8	--	8
			626+72			RT	--	8	--	8
			626+81			LT	--	10	--	10
			627+13			LT	--	10	--	10
			627+49			LT	--	10	--	10
			630+00	-	632+00	LT	2	--	2	--
			SUBTOTAL CAT 4010				5	55	5	55
			TOTAL PROJECT -71				13	72	13	72
-70	2000	STH 50								
			698+00	-	708+00	LT	10	--	10	--
			710+00	-	716+00	LT	6	--	6	--
			SUBTOTAL CAT 2000				16	0	16	0
			TOTAL PROJECT -70				16	0	16	0

REMOVING ASPHALTIC SURFACE

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 204.0110 SY	REMARKS
-71	1000	STH 50						
			620+74	-	627+20	LT/RT	209	DRIVEWAYS
			628+29	-	639+72	RT	76	DRIVEWAYS
			639+72	-	648+41	LT/RT	154	DRIVEWAYS
			648+41	-	652+80	LT	14	DRIVEWAY
			652+80	-	661+59	RT	68	PED SURFACE
			677+00	-	679+24	LT/RT	215	DRIVEWAY AND PED SURFACE
			679+24	-	682+77	RT	219	PED SURFACE
			SUBTOTAL CAT 1000				955	
			TOTAL PROJECT -71				955	
-70	1000	STH 50						
			687+96	-	691+34	RT	14	DRIVEWAY
			697+59	-	708+75	RT	95	DRIVEWAY
			719+30	-	723+65	LT	44	ASPHALTIC SURFACE DRAIN
			723+65	-	733+00	LT	97	SHARED-USE PATH
			SUBTOTAL CAT 1000				250	
			TOTAL PROJECT -70				250	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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REMOVING ASPHALTIC SURFACE BUTT JOINTS

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	204.0115 SY	REMARKS
-71	1000	STH 50				
			652+79	LT	6	WARREN ST
			657+20	LT	6	MADISON ST
			661+50	RT	10	STAGE 3A COOK ST
			665+60	RT	8	STAGE 3A BROAD ST
			SUBTOTAL CAT 1000		30	
			TOTAL PROJECT -71		30	
-70	1000	STH 50				
			682+77	LT/RT	8	BEGIN PROJECT -70
			684+33	LT	8	COUNTRY CLUB DR
			687+96	RT	7	WEST ST
			692+35	RT	7	EAST ST
			697+59	LT/RT	16	CURTIS ST/DRIVEWAY
			708+75	LT/RT	13	WEST DR/DRIVEWAY
			714+12	RT	9	LOCKWOOD BLVD
			719+30	LT/RT	11	EAST DR/PELLER RD
			723+65	LT/RT	29	STH 120/EDWARDS BLVD
			729+93	RT	6	USH 12 EB ON RAMP
			733+00	RT	9	USH 12 EB ON RAMP
			735+10	RT	8	USH 12 EB OFF RAMP
			742+15	LT	7	USH 12 WB OFF RAMP
			744+10	LT/RT	12	USH 12 WB ON AND OFF RAMP
			747+18	LT	6	USH 12 WB ON RAMP
			750+74	LT/RT	19	END PROJECT -70
			SUBTOTAL CAT 1000		175	
			TOTAL PROJECT -70		175	

REMOVING ASPHALTIC SURFACE MILLING

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 204.0120 SY
-71	1100	STH 50					
			652+47	-	652+80	LT/RT	185
			652+80	-	657+20	LT/RT	2,100
			657+20	-	661+17	LT/RT	1,800
			SUBTOTAL CAT 1100				4,085
			TOTAL PROJECT -71				4,085
-70	1100	STH 50					
			682+77	-	684+33	LT/RT	622
			684+33	-	687+96	LT/RT	1,473
			687+96	-	691+34	LT/RT	1,381
			691+34	-	692+35	LT/RT	473
			692+35	-	697+59	LT/RT	3,094
			697+59	-	708+75	LT/RT	5,097
			708+75	-	714+12	LT/RT	2,541
			714+12	-	719+30	LT/RT	2,548
			719+30	-	723+65	LT/RT	5,369
			723+65	-	733+00	LT/RT	9,847
			733+00	-	744+10	LT/RT	13,156
			744+10	-	750+74	LT/RT	6,969
			SUBTOTAL CAT 1100				52,570
			TOTAL PROJECT -70				52,570

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

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REMOVING STORM SEWER ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	204.0220 REMOVING INLETS EACH	204.0245.010 REMOVING STORM SEWER (10-INCH) LF	204.0245.012 REMOVING STORM SEWER (12-INCH) LF	204.0245.015 REMOVING STORM SEWER (15-INCH) LF	204.0245.018 REMOVING STORM SEWER (18-INCH) LF	204.0245.024 REMOVING STORM SEWER (24-INCH) LF	204.0260 ABANDONING INLETS EACH	204.0291.S ABANDONING SEWER CY	REMARKS
-71	1000	STH 50													
			622+00	-	623+00	LT/RT	2	--	--	56	--	25	--	--	EAST OF PEARSON DR
			625+00	-	628+00	LT/RT	--	--	--	47	--	--	--	--	WEST OF LAKE VIEW DR & SKY LN
			645+40	-	646+60	LT/RT	2	30	6	--	--	--	--	--	WEST OF MAXWELL ST
			648+15	-	649+00	LT/RT	--	--	33	27	--	--	1	3	MAXWELL ST
			656+50	-	657+40	LT/RT	1	--	--	--	70	--	--	2	MADISON ST
			661+80	-	662+35	LT/RT	2	--	90	--	--	--	--	--	COOK ST
			678+55	-	681+10	LT/RT	4	--	41	--	--	--	--	--	WELLS ST
			SUBTOTAL CAT 1000				11	30	170	130	70	25	1	5	
			TOTAL PROJECT -71				11	30	170	130	70	25	1	5	

REMOVING ANCILLARY CONCRETE ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	204.0130 REMOVING CURB LF	* 204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY
-71	1000	STH 50							
			627+20	-	628+29	RT	--	--	39
			628+29	-	639+72	RT	--	--	12
			639+72	-	648+41	LT/RT	--	62	73
			648+41	-	652+80	LT/RT	--	532	518
			652+80	-	657+20	LT/RT	--	173	186
			657+20	-	661+59	LT/RT	--	268	259
			661+59	-	666+10	LT/RT	--	--	564
			666+10	-	670+40	LT/RT	--	--	567
			670+40	-	675+25	LT/RT	250	--	501
			675+25	-	677+00	LT/RT	--	--	78
			677+00	-	679+24	LT/RT	--	--	263
			679+24	-	682+77	LT/RT	--	--	223
					SUBTOTAL CAT 1000		250	1,035	3,283
-71	4000	STH 50							
			633+29	-	634+23	RT	--	--	43
			641+89	-	642+09	RT	--	--	9
			642+78	-	643+10	RT	--	--	15
			645+16	-	645+89	RT	--	--	3
					SUBTOTAL CAT 4000		0	0	70
-71	4010	STH 50							
			628+29	-	639+72	LT/RT	--	--	11
			639+72	-	648+41	LT/RT	--	--	66
					SUBTOTAL CAT 4010		0	0	77
					TOTAL PROJECT -71		250	1,035	3,430
-70	1000	STH 50							
			682+77	-	684+33		--	237	62
			684+33	-	687+96		--	320	100
			687+96	-	691+34		--	270	17
			691+34	-	692+35		--	198	73
			692+35	-	697+59		--	269	263
			697+59	-	708+75		--	312	34
			708+75	-	714+12		--	--	--
			714+12	-	719+30		--	--	--
			719+30	-	723+65		--	309	115
			723+65	-	733+00		--	395	11
					SUBTOTAL CAT 1000		0	2,310	675
-70	2000	STH 50							
			697+59	-	708+75		--	23	16
			708+75	-	714+12		--	247	--
			714+12	-	719+30		--	82	199
			719+30	-	723+65		--	148	--
					SUBTOTAL CAT 2000		0	500	215
					TOTAL PROJECT -70		0	2,810	890

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING CONCRETE BASES

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	* 204.0195 EACH	REMARKS
-71	1000	STH 50				
			652+79	LT	1	EXISTING RRFB
			657+20	LT	1	EXISTING RRFB
			661+20	LT	1	
			661+17	RT	1	
			662+00	RT	1	
			662+48	LT	1	
			662+98	RT	1	
			663+50	LT	1	
			664+01	RT	1	
			664+54	LT	1	
			665+09	RT	1	
			665+47	LT	1	
			666+73	RT	1	
			667+15	LT	1	
			667+68	RT	1	
			668+22	LT	1	
			668+73	RT	1	
			669+25	LT	1	
			669+77	RT	1	
			671+07	RT	1	
			672+01	RT	1	
			673+03	RT	1	
			674+02	RT	1	
			677+31	RT	1	
			678+61	RT	1	
			681+00	LT	1	
			682+90	LT	1	
			683+89	LT	1	
			SUBTOTAL CAT 1000		28	
			TOTAL PROJECT -71		28	
-70	1000	STH 50				
			722+31	LT	1	
			SUBTOTAL CAT 1000		1	
			TOTAL PROJECT -70		1	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING GUARDRAIL

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	204.0165 LF
-71	1000	STH 50					
			627+30	-	627+61	RT	25
			SUBTOTAL CAT 1000				25
			TOTAL PROJECT -71				25
-70	1000	STH 50					
			701+71	-	706+03	LT	433
			SUBTOTAL CAT 1000				433
			TOTAL PROJECT -70				433

REMOVING SURFACE DRAINS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	204.0190 EACH
-71	1000	STH 50					
			679+67	-	679+78	RT	1
			SUBTOTAL CAT 1000				1
			TOTAL PROJECT -71				1

REMOVING OVERHEAD SIGN SUPPORT

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	204.9060.S.001 EACH
-71	1000	STH 50			
			664+85	RT	1
			664+86	RT	1
			664+99	RT	1
			667+41	LT	1
			669+53	RT	1
			669+54	LT	1
			SUBTOTAL CAT 1000		6
			TOTAL PROJECT -71		6

EARTHWORK SUMMARY ITEMS

Division	Project	Category	Location	From/To Station	Excavation Common (1) (item #205.0100) Cut (2)	EBS Excavation (3)	Salvaged/ Unusable Pavement Material (4)	Available Material (5)	Reduced EBS in Fill (6) Factor 0.80	Expanded EBS Backfill (7) Factor 1.30	Unexpanded Fill	Expanded Fill (8) Factor 1.25	Mass Ordinate +/- (9)	Waste	Borrow (item # 208.0100)	Remarks
1A/2A	-71	1100	STH 50	617+92 to 620+00	1,546	0	0	1,546	0	0	3	4	1,542	1,542	0	
Division 1A/2A Subtotal					1,546	0	0	1,546	0	0	3	4	1,542	1,542	0	
2B	-71	1100	STH 50	620+00 to 652+49	16,880	0	0	16,880	0	0	260	325	16,555	16,555	0	
Division 2B Subtotal					16,880	0	0	16,880	0	0	260	325	16,555			
2C	-71	1100	STH 50	660+03 to 661+36	101	0	0	101	0	0	0	0	101	101		Temp Widening
Division 2C Subtotal					101	0	0	101	0	0	0	0	101	101	0	
3A	-71	1100	STH 50	675+84 to 676+79	15	0	0	15	0	0	1	1	14	14	0	Temp Widening
				677+19 to 678+88	146	0	0	146	0	0	3	3	142	142	0	Temp Widening
				679+70 to 682+88	322	0	0	322	0	0	3	3	318	318	0	Temp Widening
Division 3B Subtotal					482	0	0	482	0	0	6	8	474	474	0	
4A/4C	-71	1100	STH 50	660+98 to 682+77	8,282	0	1,163	7,118	0	0	61	76	7,042	7,042		
Division 4A Subtotal					8,282	0	1,163	7,118	0	0	61	76	7,042	7,042	0	
4B	-71	1100	STH 50	660+98 to 682+77	8,465	0	1,893	6,572	0	0	106	132	6,439	6,439		
Division 4B Subtotal					8,465	0	1,893	6,572	0	0	106	132	6,439	6,439	0	
Undistributed (Category 1100)					0	2,500	0	0	0	3,250	0	0	0	0	0	
SUBTOTAL CAT 1100					35,755	2,500										
PROJECT -71 TOTAL					38,255											
5A	-70	2000	STH 50	697+92 to 708+35	278	0	0	278	0	0	3,157	3,947	-3,668	-3,668		
				709+14 to 718+71	1,303	0	0	1,303	0	0	71	89	1,214	1,214		
				720+04 to 722+78	68	0	0	68	0	0	763	953	-886	-886		
Division 5A Subtotal					1,649	0	0	1,649	0	0	3,991	4,989	-3,340	-3,340	0	
Undistributed (Category 1100)					1,649	0	0	0	0	0	0	0	0	0	0	
SUBTOTAL CAT 1100					1,401	0										
SUBTOTAL CAT 2000					1,649	0										
PROJECT -70 TOTAL					3,050											

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
2) Salvaged/Unsuable Pavement Material is included in Cut.
3) EBS Excavation to be backfilled with Pit Run material.
4) Salvaged/Unusable Pavement Material Ffrom HAZMAT soils.
5) Available Material = Cut - Salvaged/Unusuable Pavement Material
6) Reduced EBS in Fill - Excavated EBS material is usuable in Fills outside the 1:1 slope. EBS in Fill Reduction factor = 0.8
7) Expanded EBS Backfill - This is to be filled with Pit Run material. EBS Backfill Factor = 1.3. Item number 313.0110
8) Expanded Fill. Factor = 1.25
Depending on selections: **Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh - Reduced EBS) * Fill Factor**
Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced EBS) * Fill Factor
Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor - Reduced Marsh) * Fill Factor
Or Expanded Fill = (Unexpanded Fill - Rock* Rock Factor) * Fill Factor
9) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	211.0400 STA	REMARKS
-70	1000	STH 50						
			724+98	-	732+31	LT	7	WB OUTSIDE SHOULDER
			727+87	-	736+81	RT	9	EB OUTSIDE SHOULDER
			733+25	-	743+96	RT	11	EB INSIDE SHOULDER
			733+25	-	743+96	LT	11	WB INSIDE SHOULDER
			739+70	-	750+74	RT	11	EB OUTSIDE SHOULDER
			740+48	-	750+74	LT	10	WB OUTSIDE SHOULDER
			744+43	-	750+74	LT	6	EB INSIDE SHOULDER
			744+43	-	750+74	RT	6	WB INSIDE SHOULDER
					SUBTOTAL CAT 1100		72	
					TOTAL PROJECT -70		72	

BASE AGGREGATE ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON
-71	1100	STH 50						
			618+50	-	620+74	LT/RT	--	1,555
			620+74	-	627+20	LT/RT	--	3,153
			627+20	-	628+29	LT/RT	--	495
			628+29	-	639+72	LT/RT	--	3,486
			639+72	-	648+41	LT/RT	--	2,698
			648+41	-	652+80	LT/RT	--	1,633
			652+80	-	657+20	LT/RT	--	61
			657+20	-	661+59	LT/RT	--	436
			661+59	-	666+10	LT/RT	--	2,763
			666+10	-	670+40	LT/RT	--	2,806
			670+40	-	675+25	LT/RT	--	2,694
			675+25	-	677+00	LT/RT	--	1,111
			677+00	-	679+24	LT/RT	--	1,135
			679+24	-	682+77	LT/RT	--	1,474
					SUBTOTAL CAT 1100		0	25,500
					TOTAL PROJECT -71		0	25,500
-70	1000	STH 50						
			697+59	-	708+75	RT	9	--
			708+75	-	714+12	RT	2	--
			714+12	-	719+30	RT	9	--
			723+65	-	733+00	LT/RT	90	--
			733+00	-	744+10	LT/RT	152	--
			744+10	-	750+74	LT/RT	138	--
					SUBTOTAL CAT 1000		400	0
-70	1100	STH 50						
					UNDISTRIBUTED		--	2,280
					SUBTOTAL CAT 1100		0	2,280
					TOTAL PROJECT -70		400	2,280

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

FINISHING ROADWAY ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	213.0100.001 FINISHING ROADWAY (3170-09-70) EACH	213.0100.002 FINISHING ROADWAY (3170-09-71) EACH
-71	1000	STH 50						
			BEGIN	-	END	LT/RT	--	1
					SUBTOTAL CAT 1000		0	1
					TOTAL PROJECT -71		0	1
-70	1000	STH 50						
			BEGIN	-	END	LT/RT	1	--
					SUBTOTAL CAT 1000		1	0
					TOTAL PROJECT -70		1	0

BASE AGGREGATE DENSE 3/4-INCH

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 305.0110 TON	REMARKS
-71	4010	STH 50						
			625+50	-	627+00	RT	165	TEMP ACCESS FOR LAKE VIEW DR
					SUBTOTAL CAT 1000		165	
					TOTAL PROJECT -71		165	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SUBGRADE IMPROVEMENT ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 313.0100 PIT RUN TON	* 645.0220 GEOGRID TYPE SR SY	REMARKS
-71	1100	STH 50							
			618+50	-	620+74	LT/RT	1,723	2,153	
			620+74	-	627+20	LT/RT	3,486	4,357	
			627+20	-	628+29	LT/RT	548	685	
			628+29	-	639+72	LT/RT	3,861	4,826	
			639+72	-	648+41	LT/RT	3,000	3,736	
			648+41	-	652+80	LT/RT	1,808	2,260	
			652+80	-	657+20	LT/RT	68	84	
			657+20	-	661+59	LT/RT	483	604	
			661+59	-	666+10	LT/RT	3,061	3,826	
			666+10	-	670+40	LT/RT	3,108	3,885	
			670+40	-	675+25	LT/RT	2,984	3,730	
			675+25	-	677+00	LT/RT	1,231	1,538	
			677+00	-	679+24	LT/RT	1,257	1,571	
			679+24	-	682+77	LT/RT	1,632	2,045	
					UNDISTRIBUTED	LT/RT	5,850	7,320	EBS
					SUBTOTAL CAT 1100		34,100	42,620	
					TOTAL PROJECT -71		34,100	42,620	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

3

HMA PAVEMENT ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 455.0605 TACK COAT GAL	* 460.6223 HMA PAVEMENT 3 MT 58-28 S TON	* 460.6424 HMA PAVEMENT 4 MT 58-28 H TON
-71	1100	STH 50							
			618+50	-	620+74	LT/RT	259	472	184
			620+74	-	627+20	LT/RT	526	957	373
			627+20	-	628+29	LT/RT	81	148	58
			628+29	-	639+72	LT/RT	555	1,011	393
			639+72	-	648+41	LT/RT	503	917	357
			648+41	-	652+80	LT/RT	283	491	210
			652+80	-	657+20	LT/RT	160	--	227
			657+20	-	661+59	LT/RT	211	139	244
			661+59	-	666+10	LT/RT	479	873	340
			666+10	-	670+40	LT/RT	491	891	347
			670+40	-	675+25	LT/RT	459	841	330
			675+25	-	677+00	LT/RT	193	352	137
			677+00	-	679+24	LT/RT	198	360	220
			679+24	-	682+77	LT/RT	232	423	165
			SUBTOTAL CAT 1100				4,630	7,875	3,585
			TOTAL PROJECT -71				4,630	7,875	3,585
-70	1100	STH 50							
			682+77	-	684+33	LT/RT	101	151	72
			684+33	-	687+96	LT/RT	225	340	159
			687+96	-	691+34	LT/RT	216	322	153
			691+34	-	692+35	LT/RT	77	110	55
			692+35	-	697+59	LT/RT	441	568	313
			697+59	-	708+75	LT/RT	726	767	515
			708+75	-	714+12	LT/RT	350	370	248
			714+12	-	719+30	LT/RT	337	356	239
			719+30	-	723+65	LT/RT	767	811	544
			723+65	-	733+00	LT/RT	1,538	1,625	1,090
			733+00	-	744+10	LT/RT	1,841	1,939	1,307
			744+10	-	750+74	LT/RT	981	1,036	695
			SUBTOTAL CAT 1100				7,600	8,395	5,390
			TOTAL PROJECT -70				7,600	8,395	5,390

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ASPHALTIC SURFACE ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	* 465.0105 ASPHALTIC SURFACE TON	REMARKS
-70	1000	STH 50							
			723+65	-	733+00	LT	20	10	SHARED-USE PATH
			SUBTOTAL CAT 1000				20	10	
-70	2000	STH 50							
			697+59	-	708+75	LT	396	190	SHARED-USE PATH
			708+75	-	714+12	LT	193	91	SHARED-USE PATH
			714+12	-	719+30	LT	177	83	SHARED-USE PATH
			719+30	-	723+65	LT	109	51	SHARED-USE PATH
			SUBTOTAL CAT 2000				875	415	
			TOTAL PROJECT -70				895	425	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

HMA COLD WEATHER PAVING

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	450.4000 TON
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	500
			SUBTOTAL CAT 1000				500
			TOTAL PROJECT -71				500
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	500
			SUBTOTAL CAT 1000				500
			TOTAL PROJECT -70				500

TEMPORARY PAVEMENT FOR STAGING ITEMS

PROJECT	CATEGORY	ROADWAY	STAGE	STATION	TO	STATION	LOCATION	* 204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	* 455.0605 TACK COAT GAL	* 460.6223 HMA PAVEMENT 3 MT 58-28 S TON	* 460.6424 HMA PAVEMENT 4 MT 58-28 H TON	* 465.0125 ASPHALTIC SURFACE TEMPORARY TON	* 602.0410 CONCRETE SIDEWALK 5-INCH SF	SPV.0090.001 ASPHALTIC CURB TEMPORARY LF
-71	1000	STH 50													
			2C/2D	661+34	-	665+60	RT	1,560	119	136	--	--	245	110	145
			3A	675+84	-	676+79	RT	--	20	5	--	--	8	--	97
			3A	677+21	-	678+87	RT	--	155	41	--	--	78	310	194
			3A	679+69	-	682+88	RT	--	309	83	--	--	161	175	305
			4A	679+61	-	685+00	LT	--	222	140	175	70	8	--	519
			SUBTOTAL CAT 1000					1,560	825	405	175	70	500	595	1,260
			TOTAL PROJECT -71					1,560	825	405	175	70	500	595	1,260

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

DRIVEWAY ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	602.0810 CONCRETE DRIVEWAY 6-INCH SY	602.0860 CONCRETE DRIVEWAY HES 6-INCH SY	* 690.0150 SAWING ASPHALT LF	* 690.0250 SAWING CONCRETE LF
-71	1000	STH 50										
			620+74	-	627+20	LT/RT	86	39	--	50	82	48
			628+29	-	639+72	LT/RT	75	16	131	--	55	61
			639+72	-	648+41	LT/RT	138	25	264	--	147	36
			648+41	-	652+80	LT/RT	7	2	7	--	14	--
			661+59	-	666+10	LT/RT	15	--	--	45	--	--
			666+10	-	670+40	LT/RT	3	--	--	10	--	--
			670+40	-	675+25	LT/RT	42	--	33	95	--	--
			675+25	-	679+24	LT/RT	39	20	--	--	112	--
			679+24	-	682+77	LT/RT	42	7	--	81	--	--
			SUBTOTAL CAT 1000				405	109	435	280	410	145
			TOTAL PROJECT -71				405	109	435	280	410	145
-70	1000	STH 50										
			684+33	-	687+96	LT/RT	13	--	253	95	--	--
			687+96	-	691+34	LT/RT	22	--	392	205	--	--
			697+59	-	708+75	LT/RT	--	16	--	--	35	--
			SUBTOTAL CAT 1000				35	16	645	300	35	0
			TOTAL PROJECT -70				35	16	645	300	35	0

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

COLD PATCH

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	495.1000.S TON
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	100
			SUBTOTAL CAT 1000				100
			TOTAL PROJECT -71				100
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	200
			SUBTOTAL CAT 1000				200
			TOTAL PROJECT -70				200

CONCRETE STEPS

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	602.1500 SF
-70	1000	STH 50			
			691+84	RT	15
			SUBTOTAL CAT 1000		15
			TOTAL PROJECT -70		15

CONCRETE SURFACE DRAIN ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	602.3010 CONCRETE SURFACE DRAINS CY	645.0130 GEOTEXTILE TYPE R SY
-71	1000	STH 50				
			679+75	RT	0.5	8
			SUBTOTAL CAT 1000		0.5	8
			TOTAL PROJECT -71		0.5	8
-70	1000	STH 50				
			705+52	RT	0.5	8
			725+00	LT	0.5	8
			SUBTOTAL CAT 1000		1.0	16
			TOTAL PROJECT -70		1.0	16

CONCRETE CURB & GUTTER ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	416.0610 DRILLED TIE BARS EACH	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	* 601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	SPV.0090.002 CONCRETE CURB & GUTTER 24-INCH TYPE D LF
-71	1000	STH 50										
			618+50	-	620+74	LT/RT	--	4	--	112	475	--
			620+74	-	627+20	LT/RT	--	4	--	1,321	--	--
			627+20	-	628+29	LT/RT	--	6	130	131	--	--
			628+29	-	639+72	LT/RT	--	6	2,289	131	--	77
			639+72	-	648+41	LT/RT	--	6	1,724	64	--	48
			648+41	-	652+80	LT/RT	--	4	533	387	--	--
			652+80	-	657+20	LT/RT	--	16	--	567	--	--
			657+20	-	661+59	LT/RT	--	18	--	141	--	250
			661+59	-	666+10	LT/RT	--	8	--	953	--	--
			666+10	-	670+40	LT/RT	--	8	--	907	--	--
			670+40	-	675+25	LT/RT	--	6	--	1,051	--	--
			675+25	-	677+00	LT/RT	--	4	197	208	--	--
			677+00	-	679+24	LT/RT	--	4	450	--	--	--
			679+24	-	682+77	LT/RT	--	12	177	582	--	
			SUBTOTAL CAT 1000				0	106	5,500	6,555	475	375
			TOTAL PROJECT -71				0	106	5,500	6,555	475	375
-70	1000	STH 50										
			682+77	-	684+33	LT/RT	--	2	--	164	--	--
			684+33	-	687+96	LT/RT	--	8	--	313	--	74
			687+96	-	691+34	LT/RT	--	6	--	320	--	--
			691+34	-	692+35	LT/RT	--	6	--	31	--	161
			692+35	-	697+59	LT/RT	--	12	--	--	--	355
			697+59	-	708+75	LT/RT	--	14	--	327	--	--
			708+75	-	714+12	LT/RT	--	4	--	--	--	--
			714+12	-	719+30	LT/RT	--	2	--	--	--	--
			719+30	-	723+65	LT/RT	--	10	213	178	--	--
			723+65	-	733+00	LT/RT	--	4	227	262	--	--
			733+00	-	744+10	LT/RT	--	--	--	--	--	--
			744+10	-	750+74	LT/RT	--	--	--	--	--	--
			SUBTOTAL CAT 1000				0	68	440	1,595	0	590
-70	2000	STH 50										
			697+59	-	708+75	LT	407	--	--	1,129	--	--
			708+75	-	714+12	LT	84	--	--	267	--	--
			714+12	-	719+30	LT	192	--	--	547	--	--
			719+30	-	723+65	LT	107	--	--	457	--	--
			SUBTOTAL CAT 2000				790	0	0	2,400	0	0
			TOTAL PROJECT -70				790	68	440	3,995	0	590

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CONCRETE SIDEWALK ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH EACH	* 602.0410 CONCRETE SIDEWALK 5-INCH SF
-71	1000	STH 50						
			627+20	-	628+29	LT/RT	11	443
			628+29	-	639+72	LT/RT	7	295
			639+72	-	648+41	LT/RT	34	1,396
			648+41	-	652+80	LT/RT	99	4,029
			652+80	-	657+20	LT/RT	103	3,878
			657+20	-	661+59	LT/RT	66	2,674
			661+59	-	666+10	LT/RT	191	7,668
			666+10	-	670+40	LT/RT	125	5,080
			670+40	-	675+25	LT/RT	59	2,388
			675+25	-	677+00	LT/RT	46	1,858
			677+00	-	679+24	LT/RT	58	2,331
			679+24	-	682+77	LT/RT	54	2,206
			SUBTOTAL CAT 1000				855	34,250
-71	4000	STH 50						
			633+29	-	634+23	RT	10	382
			641+89	-	642+09	RT	2	79
			642+78	-	643+10	RT	4	130
			645+16	-	645+89	RT	7	272
			SUBTOTAL CAT 4000				23	863
-71	4010	STH 50						
			628+29	-	639+72	LT/RT	3	99
			639+72	-	648+41	LT/RT	19	588
			SUBTOTAL CAT 4010				22	687
			TOTAL PROJECT -71				900	35,800
-70	1000	STH 50						
			682+77	-	684+33	LT/RT	--	997
			684+33	-	691+34	LT/RT	25	693
			691+34	-	692+35	LT/RT	17	145
			692+35	-	697+59	LT/RT	4	1,252
			697+59	-	708+75	LT/RT	33	2,783
			708+75	-	714+12	LT/RT	71	595
			714+12	-	719+30	LT/RT	15	--
			719+30	-	723+65	LT/RT	--	1,340
			723+65	-	733+00	LT/RT	33	1,886
			SUBTOTAL CAT 1000				197	9,690
-70	2000	STH 50						
			697+59	-	708+75	LT	23	851
			708+75	-	714+12	LT	11	453
			714+12	-	719+30	LT	11	452
			719+30	-	723+65	LT	25	930
			SUBTOTAL CAT 2000				70	2,686
			TOTAL PROJECT -71				267	12,376

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CURB RAMP ITEMS (1 OF 3)

PROJECT	CATEGORY	ROADWAY	NO. CR-##	SIDE ROAD	STATION	LOCATION	601.0600 CONCRETE CURB PEDESTRIAN LF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF	650.9000 CONSTRUCTION STAKING CURB RAMP EACH	SPV.0060.004 CURB RAMP GRADING, SHAPING, AND FINISHING EACH	EXCAVATION COMMON CY**	BORROW CY**	BASE AGGREGATE DENSE 1 1/4-INCH TON**	TOPSOIL SY**	EROSION MAT URBAN CLASS I TYPE A SY**	FERTILIZER TYPE B CWT**	SEEDING MIXTURE NO. 30 LB**	SEED WATER MGAL**	REMARKS
-71	1000	STH 50																		
			01	LAKE VIEW DR	627+35	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			02	SKY LANE DR	628+61	LT	24	10	--	1	--	--	--	--	--	--	--	--	--	
			03	SKY LANE DR	628+70	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			04	SKY LANE DR	628+70	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			05-1	ELMWODD AVE	640+12	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			05-2	ELMWODD AVE	639+77	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			06	ELMWODD AVE	640+12	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			07	MAXWELL ST	648+10	RT	--	13	--	1	--	--	--	--	--	--	--	--	--	
			08	MAXWELL ST	648+08	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			09	MAXWELL ST	648+15	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			10	MAXWELL ST	648+62	LT	29	10	--	1	--	--	--	--	--	--	--	--	--	
			11	MAXWELL ST	648+70	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			12	MAXWELL ST	648+70	RT	--	13	--	1	--	--	--	--	--	--	--	--	--	
			13	WARREN ST	652+44	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			14	WARREN ST	652+44	LT	29	10	--	1	1	8	--	8	37	37	0.02	2	1	
			15	WARREN ST	625+63	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			16	WARREN ST	652+96	LT	--	10	--	1	1	9	--	9	36	36	0.02	2	1	
			17	WARREN ST	653+18	LT	--	12	--	1	--	--	--	--	--	--	--	--	--	
			18	WARREN ST	653+18	RT	--	12	--	1	1	28	--	55	47	47	0.02	2	1	
			ADA-3	--	655+60	RT	--	--	--	--	1	1	--	4	--	--	--	--	--	
			19	MADISON ST	656+83	RT	--	10	--	1	1	10	--	21	8	8	0.00	1	1	
			20	MADISON ST	656+83	LT	--	10	--	1	1	8	--	8	39	39	0.02	2	1	
			21	MADISON ST	657+02	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			22	MADISON ST	657+36	LT	43	10	--	1	1	10	--	11	58	58	0.03	3	1	
			23	MADISON ST	657+67	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			24	MADISON ST	657+67	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			ADA-4	--	655+60	RT	--	--	--	--	1	3	--	10	7	7	0.00	1	1	
			25	COOK ST	661+33	RT	--	18	--	1	--	--	--	--	--	--	--	--	--	
			26	COOK ST	661+22	RT	--	12	--	1	--	--	--	--	--	--	--	--	--	
			27	COOK ST	661+22	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			28	COOK ST	661+33	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			29	COOK ST	661+87	LT	--	12	--	1	--	--	--	--	--	--	--	--	--	
			30	COOK ST	661+96	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			31	COOK ST	661+96	RT	62	14	--	1	--	--	--	--	--	--	--	--	--	
			32	COOK ST	661+83	RT	--	18	--	1	--	--	--	--	--	--	--	--	--	
			33	BROAD ST	665+73	RT	--	18	--	1	--	--	--	--	--	--	--	--	--	
			34	BROAD ST	665+66	RT	--	15	--	1	--	--	--	--	--	--	--	--	--	
			35	BROAD ST	665+66	LT	--	15	--	1	--	--	--	--	--	--	--	--	--	
			36	BROAD ST	665+75	LT	--	20	--	1	--	--	--	--	--	--	--	--	--	
			37	BROAD ST	666+46	LT	--	17	--	1	--	--	--	--	--	--	--	--	--	
			38	BROAD ST	666+52	LT	--	15	--	1	--	--	--	--	--	--	--	--	--	
			39	BROAD ST	666+52	RT	--	15	--	1	--	--	--	--	--	--	--	--	--	
			40	BROAD ST	666+46	RT	--	18	--	1	--	--	--	--	--	--	--	--	--	
			41	CENTER ST	670+30	RT	--	18	--	1	--	--	--	--	--	--	--	--	--	
			42	CENTER ST	670+24	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			43	CENTER ST	670+24	LT	--	16	--	1	--	--	--	--	--	--	--	--	--	
			44	CENTER ST	670+30	LT	--	17	--	1	--	--	--	--	--	--	--	--	--	
			45	CENTER ST	670+91	LT	--	12	--	1	--	--	--	--	--	--	--	--	--	
			46	CENTER ST	670+97	LT	--	12	--	1	--	--	--	--	--	--	--	--	--	
			47	CENTER ST	670+97	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	

CURB RAMP ITEMS (CONTINUED 2 OF 3)

PROJECT	CATEGORY	ROADWAY	NO. CR-##	SIDE ROAD	STATION	LOCATION	601.0600 CONCRETE CURB PEDESTRIAN LF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF	650.9000 CONSTRUCTION STAKING CURB RAMP EACH	SPV.0060.004 CURB RAMP GRADING, SHAPING, AND FINISHING EACH	EXCAVATION COMMON CY**	BORROW CY**	BASE AGGREGATE DENSE 1 1/4-INCH TON**	TOPSOIL SY**	EROSION MAT URBAN CLASS I TYPE A SY**	FERTILIZER TYPE B CWT**	SEEDING MIXTURE NO. 30 LB**	SEED WATER MGAL**	REMARKS
-71	1000	STH 50																		
			48	CENTER ST	670+89	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			49	MILL ST	674+98	RT	62	10	--	1	--	--	--	--	--	--	--	--	--	
			50	MILL ST	674+98	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			51	MILL ST	675+21	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			52	MILL ST	675+65	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			53	LAKE SHORE DR	676+77	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			54	LAKE SHORE DR	677+27	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			55-1	WELLS ST	678+72	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			55-2	WELLS ST	678+72	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			56	WELLS ST	678+68	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			57	WELLS ST	679+94	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			58-1	WELLS ST	678+72	RT	49	10	--	1	--	--	--	--	--	--	--	--	--	
			58-2	WELLS ST	678+72	RT	--	--	14.7	1	--	--	--	--	--	--	--	--	--	
			59	KFC DRIVEWAY	681+27	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			60	KFC DRIVEWAY	681+53	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
					SUBTOTAL CAT 1000		298	732	14.7	63	8	78	0	127	232	232	0.10	13	7	
					TOTAL PROJECT -71		298	732	14.7	63	8									
-70	1000	STH 50																		
			61	COUNTRY CLUB DR	684+00	LT	--	20	--	1	1	19	--	25	42	42	0.02	2	1	
			62	COUNTRY CLUB DR	685+00	LT	104	21	--	1	1	10	--	16	8	8	0.00	1	1	
			63	HAVENWOOD DR	691+00	LT	--	12	--	1	1	3	--	4	8	8	0.00	1	1	
			64	HAVENWOOD DR	691+50	LT	--	12	--	1	1	9	--	9	5	5	0.00	1	1	
			65	HAVENWOOD DR	691+75	LT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			66	EAST ST	691+75	RT	72	10	--	1	1	10	--	9	8	8	0.00	1	1	
			67	EAST ST	692+25	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			68	EAST ST	692+75	RT	85	--	20	1	--	--	--	--	--	--	--	--	--	
			69	CURTIS ST	697+25	RT	150	10	--	1	--	--	--	--	--	--	--	--	--	
			70	CURTIS ST	697+25	LT	35	10	--	1	1	7	--	5	8	8	0.00	1	1	
			73	CURTIS ST	698+00	RT	35	10	--	1	1	3	--	3	8	8	0.00	1	1	
			74	CURTIS ST	697+75	RT	--	--	15	1	--	--	--	--	--	--	--	--	--	
			75	LAKE GENEVA LANES	705+50	RT	--	10	--	1	1	7	--	4	3	3	0.00	1	1	
			76	WEST DR	708+50	RT	--	10	--	1	1	5	--	5	15	15	0.01	1	1	
			77	WEST DR	708+25	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			83	EAST DR	719+50	RT	--	10	--	1	1	1	--	2	6	6	0.00	1	1	
			84	STH 120/EDWARDS BLVD	722+75	RT	--	16	--	1	1	6	--	10	28	28	0.01	1	1	
			85	STH 120/EDWARDS BLVD	723+00	RT	--	16	--	1	1	4	--	3	--	--	--	--	--	
			86	STH 120/EDWARDS BLVD	723+00	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			87	STH 120/EDWARDS BLVD	723+00	RT	--	16	--	1	--	--	--	--	--	--	--	--	--	
			88	STH 120/EDWARDS BLVD	723+00	LT	--	16	--	1	1	1	--	1	--	--	--	--	--	
			89	STH 120/EDWARDS BLVD	723+00	LT	--	16	--	1	--	--	--	--	--	--	--	--	--	
			92	STH 120/EDWARDS BLVD	724+25	LT	--	20	--	1	--	--	--	--	--	--	--	--	--	
			93	STH 120/EDWARDS BLVD	724+25	LT	--	20	--	1	--	--	--	--	--	--	--	--	--	
			94	STH 120/EDWARDS BLVD	724+50	LT	--	20	--	1	--	--	--	--	--	--	--	--	--	
			95	STH 120/EDWARDS BLVD	723+75	RT	--	10	--	1	1	3	--	1	--	--	--	--	--	
			96	STH 120/EDWARDS BLVD	723+75	RT	--	10	--	1	--	--	--	--	--	--	--	--	--	
			97	STH 120/EDWARDS BLVD	724+10	RT	18	10	--	1	--	--	--	--	--	--	--	--	--	
			98	WALMART DRIVEWAY	724+00	RT	51	--	17.4	1	1	4	--	6	23	23	0.01	1	1	
					SUBTOTAL CAT 1000		550	345	52.5	29	15	91	0	103	163	163	0.07	13	11	

CURB RAMP ITEMS (CONTINUED 3 OF 3)

PROJECT	CATEGORY	ROADWAY	NO. CR-##	SIDE ROAD	STATION	LOCATION	601.0600 CONCRETE CURB PEDESTRIAN LF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF	650.9000 CONSTRUCTION STAKING CURB RAMP EACH	SPV.0060.004 CURB RAMP GRADING, SHAPING, AND FINISHING EACH	EXCAVATION COMMON CY**	BORROW CY**	BASE AGGREGATE DENSE 1 1/4-INCH TON**	TOPSOIL SY**	EROSION MAT URBAN CLASS I TYPE A SY**	FERTILIZER TYPE B CWT**	SEEDING MIXTURE NO. 30 LB**	SEED WATER MGAL**	REMARKS
-70	2000	STH 50																		
			71	CURTIS ST	697+75	LT	--	--	26	1	1	6	--	7	37	37	0.02	2	1	
			72	CURTIS ST	698+00	LT	--	16	--	1	--	--	--	--	--	--	--	--	--	
			78	WEST DR	708+25	LT	--	20	--	1	1	6	--	13	6	6	0.00	1	1	
			79	WEST DR	708+50	LT	--	--	39	1	--	--	--	--	--	--	--	--	--	
			80	WEST DR	709+00	LT	--	--	29	1	1	6	--	11	6	6	0.00	1	1	
			81	PELLER RD	719+00	LT	--	--	33.3	1	1	10	--	10	16	16	0.01	1	1	
			82	PELLER RD	719+75	LT	--	--	28.8	1	1	15	--	10	10	10	0.00	1	1	
			90	STH 120/EDWARDS BLVD	723+25	LT	--	--	32.4	1	1	7	--	13	29	29	0.01	1	1	
			91	STH 120/EDWARDS BLVD	723+25	LT	--	20	--	1	--	--	--	--	--	--	--	--	--	
					SUBTOTAL CAT 2000		0	56	188.0	9	6	51	0	63	103	103	0.05	7	5	
					TOTAL PROJECT -70		550	401	240.5	38	21									

** FOR INFORMATIONAL PURPOSES ONLY

CURB RAMP PAVEMENT REPLACEMENT ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 465.0105 ASPHALTIC SURFACE TON	* 690.0150 SAWING ASPHALT LF	* 690.0250 SAWING CONCRETE LF
-71	1000	STH 50							
			648+41	-	652+80	LT/RT	3	--	46
			652+80	-	657+20	LT/RT	76	--	717
			657+20	-	661+59	LT/RT	16	--	226
					SUBTOTAL CAT 1000		95	0	990
					TOTAL PROJECT -71		95	0	990
-70	1000	STH 50							
			682+77	-	684+33	LT/RT	15	98	--
			684+33	-	687+96	LT/RT	31	404	--
			687+96	-	691+34	LT/RT	2	28	--
			691+34	-	692+35	LT/RT	49	528	--
			692+35	-	697+59	LT/RT	29	427	--
			697+59	-	708+75	LT/RT	146	1,351	--
			708+75	-	714+12	LT/RT	4	43	--
			714+12	-	719+30	LT/RT	82	776	--
			719+30	-	723+65	LT/RT	117	962	--
			723+65	-	733+00	LT/RT	63	384	--
					SUBTOTAL CAT 1100		535	5,000	0
					TOTAL PROJECT -70		535	5,000	0

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

STORM SEWER PIPE ITEMS (1 OF 2)

PROJECT	CATEGORY	ROADWAY	FROM	TO	204.0280 SEALING PIPES EACH	* 520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	* SPV.0060.010 PIPE CONNECTION TO EXISTING STRUCTURE EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
-71	1000	STH 50													
			P-50	P-52	--	--	--	--	22	--	--	--	924.00	923.89	0.50%
			P-51	P-52	--	--	--	--	20	--	--	--	923.99	923.89	0.50%
			P-52	P-55	--	--	--	--	58	--	--	--	923.89	923.60	0.50%
			P-53	P-55	--	--	--	--	15	--	--	--	923.83	923.60	1.50%
			P-54	P-55	--	--	--	--	35	--	--	--	924.12	923.60	1.50%
			P-55	P-56	--	--	--	--	--	35	--	--	918.83	918.10	2.11%
			P-57	P-53	--	--	--	96	--	--	--	--	926.50	924.08	2.53%
			P-58	P-51	--	--	--	62	--	--	--	--	925.50	924.24	2.03%
			E-100	P-101	--	--	--	14	--	--	--	1	937.00	936.90	0.74%
			P-101	E-102	--	--	--	17	--	--	--	1	936.90	936.77	0.74%
			E-104	P-107	--	1	--	8	--	--	--	--	929.05	928.44	1.42%
			P-107	E-105	--	1	--	8	--	--	--	--	928.44	928.09	1.42%
			P-102	E-106	--	--	--	--	--	--	50	1	929.67	929.42	0.50%
			P-125	P-126	--	--	25	--	--	--	--	--	868.24	868.12	0.50%
			P-127	P-128	--	--	75	--	--	--	--	--	868.33	867.95	0.50%
			P-126	P-128	--	--	34	--	--	--	--	--	868.12	867.95	0.50%
			P-128	DT-130	--	--	11	--	--	--	--	1	867.95	867.90	0.50%
			P-129	P-126	--	--	25	--	--	--	--	--	868.24	868.12	0.50%
			E-200	P-201	--	--	22	--	--	--	--	1	870.50	870.00	2.33%
			P-201	P-205	--	--	48	--	--	--	--	--	870.00	869.00	2.08%
			P-202	P-203	--	--	39	--	--	--	--	--	870.50	870.00	1.30%
			P-203	P-205	--	--	64	--	--	--	--	--	870.00	869.68	0.50%
			P-204	P-205	--	--	74	--	--	--	--	--	869.00	868.00	1.35%
			P-205	E-206	--	1	--	--	8	--	--	--	866.50	866.41	1.18%
			E-302	P-308	--	1	--	8	--	--	--	--	871.88	871.79	1.12%
			P-305	P-308	--	--	97	--	--	--	--	--	872.53	872.04	0.50%
			P-306	P-308	--	--	138	--	--	--	--	--	872.73	872.04	0.50%
			P-307	P-306	--	--	83	--	--	--	--	--	873.14	872.73	0.50%
			P-308	E-304	--	--	--	8	--	--	--	1	871.79	871.70	1.12%
			E-400	P-402	--	--	--	--	26	--	--	1	872.15	872.02	0.50%
			E-403	P-402	--	--	41	--	--	--	--	1	872.50	872.29	0.50%
			P-402	E-404	--	--	--	--	67	--	--	1	871.97	871.64	0.50%
			P-452	P-453	--	--	35	--	--	--	--	--	875.26	875.08	0.50%
			P-453	E-456	--	--	66	--	--	--	--	1	875.08	874.75	0.50%
			P-455	E-456	1	--	--	--	--	--	54	1	874.93	874.75	0.33%
			E-506	P-507	--	--	--	--	11	--	--	1	860.08	859.84	2.20%
			P-507	P-508	--	--	10	--	--	--	--	--	858.51	858.46	0.50%
			P-508	P-509	--	--	10	--	--	--	--	--	858.46	858.41	0.50%
			P-509	E-510	--	--	10	--	--	--	--	1	858.41	858.36	0.49%
			P-511	P-512	--	--	21	--	--	--	--	--	856.99	856.88	0.50%
			P-512	P-513	--	--	25	--	--	--	--	--	856.88	856.72	0.65%
			EX PIPE	P-513	--	1	--	--	--	4	--	--	851.62	851.45	5.39%
			P-513	E-505	--	1	--	--	--	4	--	--	851.45	849.62	5.39%
SUBTOTAL CAT 1000					1	6	953	221	262	43	104	13			
TOTAL PROJECT -71					1	6	953	221	262	43	104	13			

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

STORM SEWER PIPE ITEMS (CONTINUED 2 OF 2)

PROJECT	CATEGORY	ROADWAY	FROM	TO	204.0280 SEALING PIPES EACH	* 520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 15-INCH LF	608.0318 18-INCH LF	608.0324 24-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	* SPV.0060.010 PIPE CONNECTION TO EXISTING STRUCTURE EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
-70	2000	STH 50													
			P-600	P-601	--	--	--	13	--	--	--	--	911.25	911.19	0.50%
			P-601	P-605	--	--	--	200	--	--	--	--	911.19	901.92	4.64%
			P-602	P-605	--	--	--	15	--	--	--	--	902.00	901.92	0.50%
			P-603	P-606	--	--	--	17	--	--	--	--	898.42	898.34	0.50%
			P-604	P-603	--	--	--	15	--	--	--	--	898.55	898.42	0.83%
			P-605	P-606	--	--	--	186	--	--	--	--	901.92	898.34	1.93%
			P-606	P-607	--	--	--	17	--	--	--	--	898.34	898.00	1.98%
			P-620	P-623	--	--	--	192	--	--	--	--	900.91	899.95	0.50%
			P-621	P-620	--	--	--	17	--	--	--	--	901.00	900.91	0.50%
			P-622	P-623	--	--	--	17	--	--	--	--	898.50	898.42	0.50%
			P-623	P6-32	--	--	--	13	--	--	--	--	898.42	898.35	0.50%
			P-700	P-701	--	--	--	16	--	--	--	--	912.50	912.42	0.50%
			P-701	P-703	--	--	--	209	--	--	--	--	912.42	906.49	2.84%
			P-702	P-703	--	--	--	17	--	--	--	--	906.58	904.49	0.50%
			P-703	P-705	--	--	--	192	--	--	--	--	906.49	898.01	4.41%
			P-704	P-705	--	--	--	13	--	--	--	--	898.10	898.01	0.71%
			P-705	P-707	--	--	--	201	--	--	--	--	898.01	891.34	3.32%
			P-706	P-707	--	--	--	7	--	--	--	--	891.40	891.34	0.77%
			P-707	P-709	--	--	--	130	--	--	--	--	891.34	890.40	0.72%
			SUBTOTAL CAT 2000		0	0	0	1,487	0	0	0	0			
			TOTAL PROJECT -70		0	0	0	1,487	0	0	0	0			

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CULVERT ITEMS

PROJECT	CATEGORY	ROADWAY	INLET END INV. ELEV.	INLET END STATION	INLET END OFFSET	DISCHARGE END INV. ELEV.	DISCHARGE END STATION	DISCHARGE END OFFSET	SLOPE	* 520.8000 CONCRETE COLLARS FOR PIPE EACH	522.0112 CULVERT PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	522.0130 30-INCH LF	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	522.1030 30-INCH EACH	633.5200 MARKERS CULVERT END EACH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	REMARKS
-70	1000	STH 50															
			900.61	705+69.09	39.96 RT	900.25	705+19.49	28.94 RT	0.71%	--	51	--	2	--	--	--	
			SUBTOTAL CAT 1000							0	51	0	2	0	0	0	
-70	2000	STH 50															
			894.50	703+93.41	40.67 LT	893.94	709+93.38	53.53 LT	4.37%	1	--	13	--	1	2	1	CONNECT TO EXISTING
			SUBTOTAL CAT 2000							1	0	13	0	1	2	1	
			TOTAL PROJECT -70							1	51	13	2	1	2	1	

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

STORM SEWER STRUCTURE ITEMS (1 OF 2)

PROJECT	CAT	ROADWAY	STRUCTURE	STATION +	OFFSET +	522.1015 APRON ENDWALLS FOR CULVERT PIPE REINFORCED 15-INCH EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED 24-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0610 INLET COVERS TYPE BW EACH	611.0613 INLET COVERS TYPE DW EACH	611.0660 * INLET COVERS TYPE WM EACH	611.0666 INLET COVERS TYPE Z EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.3004 * INLETS 4-FT DIAMETER EACH	611.3225 INLETS 2X2.5-FT EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	SPV.0060.003 INLET COVERS TYPE B SPECIAL EACH	RIM ++ ELEVATION	INVERT +++ ELEVATION	DEPTH ++++ FT
-71	1000	STH 50																						
			P-50	622+24.29	28.00' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	929.15	922.00	5.79
			P-51	622+66.30	28.00' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	929.17	921.99	5.83
			P-52	622+46.31	28.00' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	929.10	921.89	5.86
			P-53	622+12.46	28.00' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	929.59	921.83	6.41
			P-54	622+62.00	28.00' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	929.64	922.12	6.16
			P-55	622+27.45	28.00' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	929.57	916.83	11.38
			P-56	622+46.09	56.54' RT	--	1	--	--	--	--	--	--	--	--	--	--	--	--	1	--		918.10	
			P-57	621+16.69	28.00' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	930.41	924.50	4.55
			P-58	623+28.55	28.00' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	929.58	923.50	4.73
			P-101	628+11.31	17.70' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	939.62	934.90	3.36
			P-102	624+59.44	22.47' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	932.13	927.67	3.11
			P-107	625+07.20	31.78' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	934.42	926.44	6.62
			P-125	646+07.57	15.00' LT	--	--	--	--	--	--	1	--	1	--	--	--	--	--	1	--	871.41	866.24	4.08
			P-126	646+32.32	15.00' LT	--	--	--	--	1	--	--	--	1	--	--	--	--	--	1	--	871.30	866.12	4.09
			P-127	645+39.91	15.00' RT	--	--	--	--	--	--	1	--	1	--	--	--	--	--	1	--	872.29	866.33	4.88
			P-128	646+16.00	15.00' RT	--	--	--	--	--	--	1	--	1	--	--	--	--	--	1	--	871.37	865.95	4.33
			P-129	646+57.49	15.00' LT	--	--	--	--	--	--	1	--	1	--	--	--	--	--	1	--	871.38	866.25	4.05
			P-201	648+14.52	25.25' LT	--	--	--	--	--	--	--	1	--	--	--	--	--	--	1	1	873.15	868.00	3.82
			P-202	648+60.46	49.94' LT	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	--	874.65	868.50	5.07
			P-203	648+75.99	15.00' LT	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	--	873.50	868.00	4.42
			P-204	648+97.48	23.12' RT	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	--	873.67	867.00	5.59
			P-205	648+23.66	22.75' RT	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	--	873.04	866.50	5.51
			P-305	651+64.13	29.50' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	875.68	872.53	3.65
			P-306	653+99.52	29.36' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	876.65	872.73	4.42
			P-307	654+83.01	29.38' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	876.25	873.14	3.61
			P-308	652+61.69	29.38' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	876.73	869.79	7.44
			P-402	656+95.82	20.83' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	876.65	869.97	5.32
			P-452	662+38.25	32.00' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	878.80	873.26	4.19
			P-453	662+03.36	31.01' LT	--	--	--	1	--	--	--	--	1	--	--	--	--	--	1	--	878.71	873.08	4.29
			P-455	662+33.66	32.00' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	877.92	874.93	1.80
			P-507	680+97.65	17.97' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	862.96	856.51	5.10
			P-508	680+87.45	18.51' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	862.81	856.46	4.99
			P-509	680+77.70	19.03' RT	--	--	--	--	--	1	--	--	1	--	--	--	--	--	1	--	862.66	856.41	4.89
			P-511	678+57.85	15.00' LT	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	--	860.63	854.99	4.56
			P-512	678+78.63	15.00' LT	--	--	--	--	--	--	1	1	--	--	--	--	--	--	1	--	860.53	854.88	4.57
			P-513	679+03.67	15.00' LT	--	--	--	--	--	--	1	--	1	--	--	--	--	--	1	--	860.50	849.45	9.96
			SUBTOTAL CAT 1000			0	1	1	1	1	21	10	6	28	0	0	1	0	0	36	1			
			TOTAL PROJECT -71			0	1	1	1	1	21	10	6	28	0	0	1	0	0	36	1			

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

STORM SEWER STRUCTURE ITEMS (CONTINUED 2 OF 2)

PROJECT	CAT	ROADWAY	STRUCTURE	STATION +	OFFSET +	522.1015 APRON ENDWALLS FOR CULVERT PIPE REINFORCED 15-INCH EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED 24-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0610 INLET COVERS TYPE BW EACH	611.0613 INLET COVERS TYPE DW EACH	611.0660* INLET COVERS TYPE WM EACH	611.0666 INLET COVERS TYPE Z EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.3004* INLETS 4-FT DIAMETER EACH	611.3225 INLETS 2X2.5-FT EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	SPV.0060.003 INLET COVERS TYPE B SPECIAL EACH	RIM ++ ELEVATION	INVERT +++ ELEVATION	DEPTH ++++ FT
-70	2000	STH 50																						
			P-600	699+91.83	20.35' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	915.12	911.25	2.70
			P-601	699+91.76	32.35' LT	--	--	1	--	--	--	--	--	--	1	--	--	--	--	1	--	915.79	911.19	3.56
			P-602	701+91.46	19.00' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	905.97	902.00	2.80
			P-603	703+73.48	19.00' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	902.47	898.42	2.88
			P-604	703+88.50	19.00' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	902.34	898.55	2.63
			P-605	701+91.38	33.48' LT	--	--	1	--	--	--	--	--	--	1	--	--	--	--	1	--	906.71	901.92	3.74
			P-606	703+77.46	34.53' LT	--	--	1	--	--	--	--	--	--	--	1	--	--	--	1	--	903.17	898.34	3.77
			P-607	703+81.54	51.29' LT	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--		898.00	
			P-620	705+93.73	35.75' LT	--	--	1	--	--	--	--	--	--	1	--	--	--	--	1	--	905.65	900.49	3.92
			P-621	705+93.72	19.00' LT	--	--	--	--	--	1	--	--	--	--	--	--	--	1	1	--	904.92	901.00	2.76
			P-622	704+03.50	19.00' LT	--	--	--	--	--	1	--	--	1	--	--	--	--	1	1	--	902.40	898.50	2.73
			P-623	704+01.70	34.66' LT	--	--	1	--	--	--	--	--	--	1	--	--	--	--	1	--	903.13	898.42	3.66
			P-632	704+00.64	48.03' LT	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--		898.35	
			P-700	712+49.00	19.00' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	916.37	912.50	2.70
			P-701	712+48.94	34.44' LT	--	--	1	--	--	--	--	--	--	1	--	--	--	--	1	--	917.13	912.42	3.66
			P-702	714+57.72	19.00' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	910.27	906.58	2.52
			P-703	714+57.58	35.59' LT	--	--	1	--	--	--	--	--	--	1	--	--	--	--	1	--	911.05	906.49	3.50
			P-704	716+49.62	19.00' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	902.04	898.10	2.78
			P-705	716+49.61	30.88' LT	--	--	1	--	--	--	--	--	--	1	--	--	--	--	1	--	902.67	898.01	3.60
			P-706	718+51.08	27.87' LT	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	--	895.48	891.40	2.91
			P-707	718+50.27	33.96' LT	--	--	1	--	--	--	--	--	--	--	1	--	--	--	1	--	896.04	891.34	3.64
			P-709	719+78.08	27.87' LT	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--		890.40	
			SUBTOTAL CAT 2000			3	0	9	0	0	10	0	0	1	7	2	0	8	2	22	0			
			TOTAL PROJECT -70			3	0	9	0	0	10	0	0	1	7	2	0	8	2	22	0			

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMARKS

\+ STATIONS AND OFFSETS ARE TAKEN FROM LOCATION SHOWN ON STRUTURE LOCATION DETAIL

++ RIM ELEVATION OF TYPE DW, TYPE WM, AND TYPE Z INLET COVERS IS AT FLANGE, RIM ELEVATIONS AT CENTER OF RIM FOR TYPE C

+++ FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

++++ DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT

INLET COVERS TYPE A

PROJECT	CATEGORY	ROADWAY	STATION	OFFSET	611.0600 EACH
-71	1000	STH 50			
			620+36	27.4' LT	1
			625+10	19.3' LT	1
			SUBTOTAL CAT 1000		2
			TOTAL PROJECT -71		2

TEMPORARY DRAINAGE ITEMS

PROJECT	CATEGORY	ROADWAY	STRUCTURE	STATION +	OFFSET +	608.0512 STORM SEWER PIPE REINFORCED CONCRETE CLASS V 12-INCH LF	611.0655 INLET COVERS TYPE V-B EACH	* 611.0660 INLET COVERS TYPE WM EACH	* 611.3004 INLETS 4-FT DIAMETER EACH	* SPV.0060.010 PIPE CONNECTION TO EXISTING STRUCTURE EACH	RIM ++ ELEV	INVERT +++ ELEV	DEPTH ++++ FT
-71	1000	STH 50											
			--	680+79	18.5' RT	--	1	--	--	--	--	--	--
			--	680+88	17.1' RT	--	1	--	--	--	--	--	--
			--	680+97	16.8' RT	--	1	--	--	--	--	--	--
			T-660	681+10.07	31.0' RT	16	--	1	1	1	862.77	860.41	1.86
				SUBTOTAL CAT 1000		16	3	1	1	1			
				TOTAL PROJECT -71		16	3	1	1	1			

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMARKS

\+ STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE OR INLET OF APRON END WALLS

++ RIM ELEVATION OF TYPE H INLET COVERS IS AT FLANGE, RIM ELEVATIONS AT CENTER OF RIM FOR TYPE C

+++ FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE

++++ DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT

ADJUSTING STORM SEWER STRUCTURE ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	611.8105 ADJUSTING CATCH BASIN COVERS EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	611.8120.S COVER PLATES TEMPORARY EACH
-71	1000	STH 50								
			620+74	-	627+20	LT/RT	--	3	--	3
			627+20	-	628+29	LT/RT	--	1	1	1
			628+29	-	639+72	LT/RT	--	1	3	1
			639+72	-	648+41	LT/RT	1	3	9	3
			648+41	-	652+80	LT/RT	--	2	--	2
			652+80	-	657+20	LT/RT	--	--	1	--
			657+20	-	661+59	LT/RT	--	--	2	--
			661+59	-	666+10	LT/RT	--	1	1	1
			666+10	-	670+40	LT/RT	--	2	5	2
			670+40	-	675+25	LT/RT	--	1	1	1
			677+00	-	679+24	LT/RT	3	--	--	--
			679+24	-	682+77	LT/RT	2	6	4	6
			UNDISTRIBUTED				--	2	3	17
			SUBTOTAL CAT 1000				6	22	30	37
			TOTAL PROJECT -71				6	22	30	37
-70	1000	STH 50								
			692+35	-	697+59	LT/RT	--	--	1	--
			719+30	-	723+65	LT/RT	--	2	--	2
			UNDISTRIBUTED				--	--	--	1
			SUBTOTAL CAT 1000				0	2	1	3
			TOTAL PROJECT -70				0	2	1	3

PIPE UNDERDRAIN ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	310.0110 BASE AGGREGATE OPEN-GRADED TON	612.0106 PIPE UNDERDRAIN 6-INCH LF	645.0111 GEOTEXTILE TYPE DF SCHEDULE A SY
-71	1000	STH 50							
			620+74	-	627+20	LT/RT	13	200	89
			639+72	-	648+41	LT/RT	50	710	316
			648+41	-	652+80	LT/RT	10	150	67
			652+80	-	657+20	LT/RT	3	50	22
			661+59	-	666+10	LT/RT	6	100	44
			666+10	-	670+40	LT/RT	19	300	133
			670+40	-	675+25	LT/RT	3	50	22
			677+00	-	679+24	LT/RT	3	50	22
			679+24	-	682+77	LT/RT	6	100	44
			SUBTOTAL CAT 1000				115	1,710	760
			TOTAL PROJECT -71				115	1,710	760

GUARDRAIL ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	614.0010 BARRIER SYSTEM GRADING SHAPING FINISHING EACH	EXCAVATION COMMON CY**	BORROW CY**	SALVAGED TOPSOIL SY**	EROSION MAT URBAN CLASS I TYPE A SY**	FERTILIZER TYPE B CWT**	SEEDING MIXTURE NO. 30 LB**	SEED WATER MGAL**	614.0397 GUARDRAIL MOW STRIP EMULSIFIED ASPHALT SY	614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2620 MGS GUARDRAIL TERMINAL TYPE 2 EACH	SPV.0090.003 SAWING CONCRETE CURB HEAD LF	REMARKS
-70	1000	STH 50																		
			724+99.89	-	727+14.49	RT	1	10	0	400	400	0.18	18	9	45	162.5	1	1	57.5	EB INSIDE
			726+19.42	-	728+47.50	LT	1	4	0	33	33	0.02	2	1	90	175.0	1	1	--	WB OUTSIDE
			726+21.91	-	728+62.50	RT	1	4	0	33	33	0.02	2	1	45	187.5	1	1	132.5	WB INSIDE
					SUBTOTAL CAT 1000		3	18	0	467	467	0.22	22	11	180	525.0	3	3	190.0	
					TOTAL PROJECT -70		3								180	525.0	3	3	190.0	

** FOR INFORMATIONAL PURPOSES ONLY

MAINTENANCE AND REPAIR OF HAUL ROADS ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	618.0100.001 MAINTENANCE AND REPAIR OF HAUL ROADS (3170-09-70) EACH	618.0100.002 MAINTENANCE AND REPAIR OF HAUL ROADS (3170-09-71) EACH
-71	1000	STH 50						
			BEGIN	-	END	LT/RT	--	1
			SUBTOTAL CAT 1000				0	1
			TOTAL PROJECT -71				0	1
-70	1000	STH 50						
			BEGIN	-	END	LT/RT	1	--
			SUBTOTAL CAT 1000				1	0
			TOTAL PROJECT -70				1	0

MOBILIZATION

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	619.1000 EACH
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	.700
			SUBTOTAL CAT 1000				.700
			TOTAL PROJECT -71				.700
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	.300
			SUBTOTAL CAT 1000				.300
			TOTAL PROJECT -70				.300

CONCRETE MEDIAN NOSES

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	620.0200 CONCRETE MEDIAN BLUNT NOSE SF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	REMARKS
-70	1000	STH 50					
			722+03	LT	--	11	TYPE 2
			723+01	LT	47	--	
			SUBTOTAL CAT 1000		47	11	
			TOTAL PROJECT -70		47	11	

EROSION CONTROL ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	627.0200 MULCHING SY	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2008* EROSION MAT URBAN CLASS I TYPE B SY	628.2039 EROSION MAT CLASS III TYPE D SY	628.6505 SOIL STABILIZER TYPE A ACRE	628.6510 SOIL STABILIZER TYPE B ACRE	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7570 ROCK BAGS EACH	645.0120 GEOTEXTILE TYPE HR SY
-71	1000	STH 50																					
			618+50	-	620+74	LT/RT	--	--	--	472	707	583	--	--	--	--	--	--	3	--	--	--	--
			620+74	-	627+20	LT/RT	6	--	--	250	376	2,165	--	--	--	6	--	9	7	--	--	--	16
			627+20	-	628+29	LT/RT	--	--	--	--	--	104	--	--	--	--	--	1	1	--	--	--	--
			628+29	-	639+72	LT/RT	--	--	--	--	--	985	1,560	--	--	--	--	3	--	--	--	--	--
			639+72	-	648+41	LT/RT	--	--	--	54	82	1,097	--	--	--	--	--	6	7	--	--	--	--
			648+41	-	652+80	LT/RT	--	--	--	538	807	570	--	--	--	--	--	5	1	--	--	20	--
			652+80	-	657+20	LT/RT	--	--	--	347	521	--	--	--	--	--	--	8	--	--	--	--	--
			657+20	-	661+59	LT/RT	--	--	--	202	302	--	--	--	--	--	--	2	--	--	--	--	--
			661+59	-	666+10	LT/RT	--	--	--	--	--	6	--	--	--	--	--	5	1	--	--	--	--
			666+10	-	670+40	LT/RT	--	--	--	--	--	--	--	--	--	--	2	5	--	--	--	--	--
			670+40	-	675+25	LT/RT	--	--	--	28	42	360	--	--	--	--	--	2	--	--	--	--	--
			675+25	-	677+00	LT/RT	--	--	--	117	175	283	--	--	--	--	--	1	--	--	--	--	--
			677+00	-	679+24	LT/RT	--	--	--	59	89	380	--	--	--	--	3	1	4	--	--	--	--
			679+24	-	682+77	LT/RT	--	--	--	--	--	382	--	--	--	--	4	3	3	--	--	--	--
			UNDISTRIBUTED				2	2,400	50	213	319	735	190	0.80	3.50	5	2	14	8	--	--	60	12
			SUBTOTAL CAT 1000				8	2,400	50	2,280	3,420	7,650	1,750	0.80	3.50	11	11	65	35	0	0	80	28
			TOTAL PROJECT -71				8	2,400	50	2,280	3,420	7,650	1,750	0.80	3.50	11	11	65	35	0	0	80	28
-70	1000	STH 50																					
			682+77	-	684+33	LT/RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			684+33	-	687+96	LT/RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			687+96	-	691+34	LT/RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			691+34	-	692+35	LT/RT	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			692+35	-	697+59	LT/RT	--	--	--	232	348	239	--	--	--	--	--	--	--	--	--	--	--
			697+59	-	708+75	LT/RT	19	--	--	1,062	1,593	3,021	--	--	--	3	--	4	3	10	6	60	56
			708+75	-	714+12	LT/RT	--	--	40	171	257	1,192	--	--	--	--	--	2	--	--	4	--	--
			714+12	-	719+30	LT/RT	--	--	--	--	--	173	--	--	--	--	--	4	--	20	--	--	--
			719+30	-	723+65	LT/RT	5	--	--	--	--	766	--	--	--	--	--	3	--	--	--	--	15
			723+65	-	733+00	LT/RT	--	--	--	368	552	269	--	--	--	--	--	6	--	30	10	20	--
			733+00	-	744+10	LT/RT	--	--	--	260	390	--	--	--	--	--	3	--	--	15	--	--	--
			744+10	-	750+74	LT/RT	--	--	--	--	--	--	--	--	--	--	2	--	--	20	--	--	--
			UNDISTRIBUTED				8	600	10	207	311	--	--	0.20	0.50	1	4	6	2	25	10	40	21
			SUBTOTAL CAT 1000				32	600	50	2,300	3,450	5,660	0	0.20	0.50	4	9	25	5	120	30	120	92
			TOTAL PROJECT -70				32	600	50	2,300	3,450	5,660	0	0.20	0.50	4	9	25	5	120	30	120	92

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

RESTORATION ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	625.0100 * TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	629.0210 * FERTILIZER TYPE B CWT	630.0140 * SEEDING MIXTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY
-71	1000	STH 50												
			618+50	-	620+74	LT/RT	--	583	0.26	26	--	13	--	--
			620+74	-	627+20	LT/RT	--	2,165	0.97	97	--	49	--	--
			627+20	-	628+29	LT/RT	--	104	0.05	5	--	2	--	--
			628+29	-	639+72	LT/RT	--	2,566	1.15	115	--	58	--	--
			639+72	-	648+41	LT/RT	--	1,229	0.55	49	--	25	4	131
			648+41	-	652+80	LT/RT	--	607	0.27	26	--	13	1	38
			652+80	-	657+20	LT/RT	--	--	--	--	--	--	--	--
			657+20	-	661+59	LT/RT	--	170	0.08	--	--	--	5	170
			661+59	-	666+10	LT/RT	--	104	0.05	1	--	--	3	98
			666+10	-	670+40	LT/RT	--	--	--	--	--	--	--	--
			670+40	-	675+25	LT/RT	--	1,463	0.66	16	--	8	31	1,103
			675+25	-	677+00	LT/RT	--	283	0.13	13	--	6	--	--
			677+00	-	679+24	LT/RT	--	380	0.17	17	--	9	--	--
			679+24	-	682+77	LT/RT	--	907	0.41	17	--	9	15	525
			UNDISTRIBUTED				1,460	1,059	0.83	46	750	39	10	215
			SUBTOTAL CAT 1000				1,460	11,620	5.59	430	750	230	68	2,280
			TOTAL PROJECT -71				1,460	11,620	5.59	430	750	230	68	2,280
-70	1000	STH 50												
			692+35	-	697+59	LT/RT	--	584	0.26	11	--	5	10	345
			697+59	-	708+75	LT/RT	--	3,021	1.36	136	--	68	--	--
			708+75	-	714+12	LT/RT	--	1,192	0.54	54	--	27	--	--
			714+12	-	719+30	LT/RT	--	173	0.08	8	--	4	--	--
			719+30	-	723+65	LT/RT	--	766	0.34	34	--	17	--	--
			723+65	-	733+00	LT/RT	--	269	0.12	12	--	6	--	--
			UNDISTRIBUTED				825	600	0.30	25	250	32	2	40
			SUBTOTAL CAT 1000				825	6,605	3.00	280	250	160	12	385
			TOTAL PROJECT -70				825	6,605	3.00	280	250	160	12	385

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

TRACKING PADS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	628.7560 EACH
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	20
			SUBTOTAL CAT 1000				20
			TOTAL PROJECT -71				20

MOBILIZATIONS EROSION CONTROL ITEMS

PROJECT	CATEGORY	ROADWAY	STAGE	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
-71	1000	STH 50			
			1A/2A	2	1
			2B/2C/2D	7	5
			3A/3B/3C	2	1
			4A	2	2
			4B	2	1
			4C	1	1
			SUBTOTAL CAT 1000	16	11
			TOTAL PROJECT -71	16	11
-70	1000	STH 50			
			5A	3	2
			5B	1	1
			5C	1	1
			6A/6B	1	1
			SUBTOTAL CAT 1000	6	5
			TOTAL PROJECT -70	6	5

WATER ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	624.0100 MGAL
-71	1000	STH 50					
			618+50	-	620+74	LT/RT	58
			620+74	-	627+20	LT/RT	118
			627+20	-	628+29	LT/RT	19
			628+29	-	639+72	LT/RT	131
			639+72	-	648+41	LT/RT	101
			648+41	-	652+80	LT/RT	61
			652+80	-	657+20	LT/RT	2
			657+20	-	661+59	LT/RT	16
			661+59	-	666+10	LT/RT	104
			666+10	-	670+40	LT/RT	105
			670+40	-	675+25	LT/RT	101
			675+25	-	675+25	LT/RT	42
			675+25	-	682+77	LT/RT	43
			UNDISTRIBUTED				49
			SUBTOTAL CAT 1000				950
			TOTAL PROJECT -71				950
-70	1000	STH 50					
			UNDISTRIBUTED				50
			SUBTOTAL CAT 1000				50
			TOTAL PROJECT -70				50

FILE NAME : X:\BM1-3943 STH 50 Lake Geneva\05_Design\03_Roads\31700900\SheetsPlan\030201-mq.pptx PLOT DATE : September 29, 2026 PLOT BY : BLOOM COMPANIES PLOT NAME : PLOT SCALE : 1:1

TYPE II SIGNING REMOVAL 3170-09-71 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORT [EA]	REMARKS / NEW SIGN LOCATION
R100	R1-1	1	1	
R101	R5-1	1	1	
R102	R59-51	1	1	
R103	R1-1	1	1	
R104	W14-2	1	1	
R200	R1-1	1	1	
R201	R2-1	1	1	
R202	JR99-1	1	1	
	M2-1			
	MR1-99			
	M6-1			
R203	R2-1	1	1	
R204	J4-1	1	1	
	M3-2			
	M1-6			
R205	R7-53D	1	1	
R206	W1-8	1	1	
R300	W1-6	1	2	
R301	R1-1	1	1	
R302	W6-1	1		ON UTILITY POLE
R303	W1-8	1	1	
R304	W1-6	1	2	
R305	W1-8	1	1	
R306	W1-8	1	1	
R307	R1-1	1	1	
R308	R2-1	1		ON LIGHT POLE
R309	R4-1	1	1	
R310	R14-1	1		
R311	W14-2	1	1	
R400	R2-1	1	1	
R401	R7-1D	1	1	
R402	R2-1	1	1	
R500	R1-1	1	1	
R501	R1-1	1	1	
R502	R7-1D	1	1	
R503	R2-1	1		ON LIGHT POLE
R600	R2-1	1	1	
R601	R1-1	1	1	
R602	R5-2	1	1	
R603	R12-1	1		
R604	R2-1	1	1	
R605	R1-5L	1		ON SIGNAL POLE
R606	R1-5R	1		ON SIGNAL POLE
R607	W11-2	1		ON LIGHT POLE
R700	R1-1	1	1	

TYPE II SIGNING REMOVAL 3170-09-71 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORT [EA]	REMARKS / NEW SIGN LOCATION
R800	R1-5R	1		ON SIGNAL POLE
R801	R1-5L	1		ON SIGNAL POLE
R802	R1-1	1	1	
R803	R7-53D	1	1	
R804	R2-1	1		ON SIGNAL POLE
R805	R7-8A (2S)	1	1	
R806	R7-8A (2S)	1	1	
R900	R1-1F	1		ON SIGNAL POLE
R901	R7-8A (2S)	1	1	
R902	J2-1	1		ON SIGNAL POLE
	M3-4			
	M1-6			
	M6-1			
R903	R1-1F	1		ON SIGNAL POLE
R904	R3-8LAR	1		ON OVERHEAD SIGN STRUCTURE
R905	J12-1	1		ON SIGNAL POLE
	M1-6			
	M6-4			
R906	R1-1F	1		ON SIGNAL POLE
R907	R1-1F	1		ON SIGNAL POLE
R908	R1-1F	1		ON SIGNAL POLE
R909	R5-1	1	1	
R910	R3-1	1		
R911	R6-2L	1		
R912	R7-8A	1	1	
R913	R3-8LAR	1		ON OVERHEAD SIGN STRUCTURE
R914	R1-1F	1		ON SIGNAL POLE
R915	J12-1	1		ON SIGNAL POLE
	M1-6			
	M6-4			
R916	R7-8A	1	1	
R917	R1-1F	1		ON SIGNAL POLE
R918	R3-8LAR	1		ON OVERHEAD SIGN STRUCTURE
R919	J2-1	1		ON SIGNAL POLE
	M3-4			
	M1-6			
	M6-1			

TYPE II SIGNING REMOVAL 3170-09-71 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORT [EA]	REMARKS / NEW SIGN LOCATION
R1000	R3-8LAR	1		ON OVERHEAD SIGN STRUCTURE
R1001	R7-8A	1	1	
R1002	R1-1F	1		ON SIGNAL POLE
R1003	R3-50L	1		ON OVERHEAD SIGN STRUCTURE
R1004	R1-1F	1		ON SIGNAL POLE
R1005	R7-1D	1		ON OVERHEAD SIGN STRUCTURE
R1006	R3-8LAR	1		ON OVERHEAD SIGN STRUCTURE
R1007	R3-8LAR	1		ON OVERHEAD SIGN STRUCTURE
R1008	R1-1F	1		ON SIGNAL POLE
R1009	R5-2	1	1	ON SIGNAL POLE
R1010	R10-7	1	1	
R1011	R1-1F	1		
R1012	R7-1L	1	1	
R1013	R7-1R	1	1	
R1014	R3-60R	1		ON OVERHEAD SIGN STRUCTURE
R1015	W11-2	1		ON LIGHT POLE
R1016	S16-9P	1		ON LIGHT POLE
R1100	R7-1D	1	1	
R1101	R7-1D	1	1	
R1102	W11-2	1	1	
R1103	W16-7L	1		
R1104	W11-2	1		
R1105	W16-7L	1		
R1106	R1-1	1	1	
R1107	R3-2	1		
R1108	R3-50R	1		ON OVERHEAD SIGN STRUCTURE
R1109	J4-1	1		ON UTILITY POLE
	M3-4			
	M1-6			
R1110	W11-2	1		ON UTILITY POLE
R1111	W16-9P	1		ON UTILITY POLE
R1112	J12-1	1		ON UTILITY POLE
	M1-6			
	M6-4			
R1113	W11-2	1	1	
R1114	W16-7L	1		
R1115	W11-2	1		
R1116	W16-7L	1		
R1117	R1-1F	1		ON SIGNAL POLE
R1200	R1-1F	1		ON SIGNAL POLE
R1201	R1-1F	1		ON SIGNAL POLE
R1202	R1-1F	1		ON SIGNAL POLE
UNDISTRIBUTED				
TOTALS: 3170-09-71		105	52	

TYPE II SIGNING REMOVAL 3170-09-70 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION
R1203	D11-1	1	1	
R1204	M7-5	1		
R1205	R1-1	1	1	
R1206	W14-2	1	1	
R1207	R2-1	1	1	
R1300	R2-1	1	1	
R1301	W11-2	1	1	
R1302	R2-1	1	1	
R1303	R7-53D	1	1	
R1304	W11-1	1	1	
R1305	W11-2	1	1	
R1306	R1-1	1	1	
R1400	R1-1	1	1	
R1401	R2-1	1	1	
R1402	S1-1	1		
R1403	W11-2	1	1	
R1404	R1-1	1	1	
R1500	W3-5	1	1	
R1501	R1-1	1	1	
R1502	R2-1	1	1	
R1503	R2-1	1	1	
R1600	R1-1	1	1	
R1700	R1-1	1	1	
R1800	R2-1	1	1	
R1801	R1-1	1	1	
R1802	J1-1	1	1	
	M2-1			
	M1-4			
R1803	JV1-1	1	1	
	M2-1			
	M1-6			
	M1-5A			
R1804	R1-1	1	1	
R1805	R3-8LAARR	1	2	
R1806	W3-3	1	1	
R1807	W11-1	1	1	
R1808	R3-5R	1		ON OVERHEAD SIGN STRUCTURE
R1809	R3-5R	1		ON OVERHEAD SIGN STRUCTURE
R1900	J4-1	1	1	
	M3-4			
	M1-6			
R1901	W9-2L	1		
R1902	R2-1	1		
R1903	R1-1F	1		ON SIGNAL POLE
R1904	W4-2R	1	1	
R1905	R1-1F	1		ON SIGNAL POLE
R1906	R1-1F	1		ON SIGNAL POLE
R1907	R4-7	1		ON SIGNAL POLE
R1908	D11-1	1	1	
R1909	D11-1	1	1	

TYPE II SIGNING REMOVAL 3170-09-70 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION
R1910	R1-1F	1		ON SIGNAL POLE
R1911	R1-1F	1		ON SIGNAL POLE
R1912	J3-2	1	2	
	M3-3			
	M1-6			
	M6-1			
	M3-3			
	M1-5A			
	M6-1			
R1913	W11-1	1	1	
R1914	JV-3	1	2	
	M4-5			
	M1-4			
	M6-1			
	M3-1			
	M1-6			
	M1-5A			
	M6-1			
	M3-3			
	M1-6			
	M1-5A			
	M5-1R			
R1915	J3-1	1	1	
	M3-3			
	M1-6			
	M6-1			
R1916	W12-1D	1	1	
R1917	R1-1F	1		ON SIGNAL POLE
R1918	R1-1F	1		ON SIGNAL POLE
R1919	R10-11F	1	1	
R1920	R1-1F	1		ON SIGNAL POLE
R1921	R1-1F	1		ON SIGNAL POLE
R1922	JV-2	1	2	
	M3-2			
	M1-6			
	M1-5A			
	M6-1			
	M3-1			
	M1-6			
	M4-5			
	M1-4			
	M6-1			
R1923	W12-1D	1	1	
R1924	R10-11F	1	1	
R1925	R4-4	1		ON SIGNAL POLE

CONTINUED ON NEXT PAGE

TYPE II SIGNING REMOVAL 3170-09-70 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION
R1926	JV-4	1	2	
	M3-3			
	M1-6			
	M1-5A			
	M6-1			
	M3-4			
	M1-4			
	M6-1			
	M3-2			
	M1-6			
	M6-1			
	M3-2			
	M1-4			
	M6-2			
R1927	R2-1	1		ON LIGHT POLE
R1928	D1-2	1	2	
R1929	R4-7	1		ON SIGNAL POLE
R1930	R4-7	1		ON SIGNAL POLE
R2000	D1-2	1	2	
R2001	R3-50L	1		ON OVERHEAD SIGN STRUCTURE
R2002	R3-50L	1		ON OVERHEAD SIGN STRUCTURE
R2003	W3-5	1	1	
R2004	W3-5	1	1	
R2005	I2-3	1	2	
R2006	M1-6	1		
R2007	J2-3	1	2	
	M3-3			
	M1-5A			
	M5-1L			
	M3-3			
	M1-6			
	M5-1L			
	M3-4			
	M1-6			
	M6-1			
R2008	J2-3	1	2	
	M3-3			
	M1-5A			
	M5-1L			
	M3-3			
	M1-6			
	M5-1L			
	M3-4			
	M1-6			
	M6-1			
R2009	R10-11F	1	1	
R2010	R1-1F	1		ON SIGNAL POLE
R2011	R6-2L	1	1	

TYPE II SIGNING REMOVAL 3170-09-70 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION
R2012	R5-1	1	1	
R2013	R5-1A	1		
R2014	W13-3	1	1	
R2015	J2-1	1	1	
	M3-2			
	M1-4			
	M6-2			
R2016	J2-2	1	2	
	M3-3			
	M1-6			
	M6-1			
	M3-3			
	M1-5A			
	M6-1			
R2017	R3-1	1	1	
R2018	R3-2	1	1	
R2019	R1-1F	1		ON SIGNAL POLE
R2020	R1-1F	1		ON SIGNAL POLE
R2100	R5-1	1	1	
R2101	R5-1A	1		
R2102	R1-1F	1		ON SIGNAL POLE
R2103	R1-1F	1		ON SIGNAL POLE
R2104	R1-1F	1		ON SIGNAL POLE
R2105	R3-1	1	1	
R2106	J3-1	1	1	
	M3-2			
	M1-4			
	M6-1			
R2107	JV1-1	1	1	
	M2-1			
	M1-6			
	M1-5A			
R2108	JV1-1	1	1	
	M2-1			
	M1-6			
	M1-5A			
R2109	R5-1A	1	1	
R2110	I2-2	1	2	
R2111	W3-3	1	1	
R2112	W3-3	1	1	
R2113	D11-1	1	1	
R2114	R4-7	1	1	
R2115	R5-1	1	1	
R2116	W4-1R	1	1	
R2117	R1-2	1	1	
R2118	W11-1	1	1	
R2119	W16-7L	1		

TYPE II SIGNING REMOVAL 3170-09-70 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION
R212O	JV-2	1	2	
	M3-4			
	M1-4			
	M5-1L			
	M3-1			
	M1-6			
	M1-5A			
	M5-1L			
R2121	R2-1	1	2	
R2122	R2-1	1	2	
R2123	JV-2	1	2	
	M3-4			
	M1-4			
	M5-1L			
	M3-1			
	M1-6			
	M1-5A			
	M5-1L			
R2200	J3-1	1	2	
	M3-2			
	M1-4			
	M5-1L			
R2201	W4-2R	1	1	
R2202	W4-1R	1	1	
R2203	R1-2	1	1	
R2204	W11-1	1	1	
R2205	W16-7L	1		
R2206	W4-1R	1	1	
R2207	R5-1	1	1	
R2208	R5-1A	1		
R2209	J2-1	1		
	M3-2			
	M1-6			
	M6-1			
R2210	R1-1	1	1	
R2211	R6-3	1		
R2212	R4-7	1	1	
R2213	R5-1	1	1	
R2214	D13-3	1	1	
R2215	R3-1	1		
R2216	R3-1	1	1	

CONTINUED ON NEXT PAGE

TYPE II SIGNING REMOVAL 3170-09-70 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION
R2217	I2-2	1	2	
R2218	W3-3	1	1	
R2219	W4-2R	1	1	
R2220	JV-2	1	2	
	M3-4			
	M1-4			
	M6-1			
	M3-1			
	M1-6			
	M1-5A			
	M6-1			
R2221	R5-1	1		
R2222	R6-2L	1	1	
R2223	R4-7	1	1	
R2224	R4-7	1	1	
R2225	J3-1	1	2	
	M3-2			
	M1-4			
	M5-1L			
R2300	R5-1A	1	1	
R2301	R5-1A	1	2	
R2302	JV-2	1		
	M3-4			
	M1-4			
	M6-2			
	M3-1			
	M1-6			
	M1-5A			
	M6-2			
R2303	JV-2	1	2	
	M3-4			
	M1-4			
	M6-2			
	M3-1			
	M1-6			
	M1-5A			
	M6-2			
R2304	W13-3	1	1	
R2305	R2-1	1	1	
R2306	R2-1	1	1	
R2307	R4-4	1		
R2308	R4-7	1	1	
R2309	J4-1	1	2	
	M3-2			
	M1-6			
R2310	D2-2	1		
R2311	R3-17	1	1	
R2312	I2-2	1	2	

TYPE II SIGNING REMOVAL 3170-09-70 ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN CODE & SIZE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REM SMALL SIGN SUP [EA]	REMARKS / NEW SIGN LOCATION
R2313	J2-4	1	2	
	M3-2			
	M1-4			
	M6-1			
	M3-4			
	M1-6			
	M6-1			
	M3-3			
	M1-6			
	M6-1			
	M3-3			
	M1-5A			
	M6-1			
R2314	D7-82L	1	1	
R2315	D7-82B	1		
R2316	R2-1	1	1	
UNDISTRIBUTED				
TOTALS: 3170-09-70		152	135	

SIGN NO.	SIGN SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	634.0818 POSTS TUBULAR STEEL 2 X 2 INCH X 18 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
100	R1-1 (3)		36	X	36	7.460				1			
101	R5-1 (2S)		30	X	30	6.250			1				
102	R59-51 (2S)		36	X	36	9.000			1				
103	R1-1 (3)		36	X	36	7.460				1			
104	W91-R (3)	RIGHT LANE ENDS	36	X	36	--	9.000		1				
105	W14-2 (2S)		30	X	30	--	6.250		1				
200	R1-1 (3)		36	X	36	7.460				1			
201	R2-1 (2M)	SPEED LIMIT 35	30	X	36	7.500			1				
202	JR13-1 (2S)		24	X	45	7.500			1				
	MR1-99		24	X	24	--							
	M6-1	ARROW LEFT	21	X	21	--							
203	R2-1 (2M)	SPEED LIMIT 35	30	X	36	7.500			1			204	
204	J4-1 (2S)		24	X	36	6.000			1				
	M3-2		24	X	12	--							
	M1-6	STH 50	24	X	24	--							
205	R7-53D (2S)		18	X	24	3.000			1				
206	W1-8 (2S)		18	X	24	--	3.000		1				
207	W11-2 (2S)		30	X	30	--	6.250		1			208	
208	W16-9P (2S)		24	X	12	--	2.000					207	
209	W4-2R (2S)		36	X	36	--	9.000		1				
300	W1-6 (2S)	ARROW LEFT	48	X	24	--	8.000		1				
301	R1-1 (2S)		30	X	30	6.250				1			
302	W1-8 (2S)		18	X	24	--	3.000		1				
303	W1-6 (2S)	ARROW LEFT	48	X	24	--	8.000		2				ON SIGN SUPPORT WITH FLASHERS
304	W1-8 (2S)		18	X	24	--	3.000		1				
305	W1-8 (2S)		18	X	24	--	3.000		1				
306	R1-1 (2S)		30	X	30	5.180			1				
307	R2-1 (2S)	SPEED LIMIT 25	24	X	30	5.000							ON LIGHT POLE
308	R4-1 (2S)		24	X	30	5.000			1			309	
309	R14-1 (2S)		24	X	18	3.000						308	
310	W11-2 (2S)		30	X	30	--	6.250					311, 312, 313	ON RRFB
311	W16-7R (2S)		24	X	12		2.000					310, 312, 313	ON RRFB
312	W11-2 (2S)		30	X	30	--	6.250					310, 311, 313	ON RRFB
313	W11-7L (2S)		24	X	12		2.000					310, 311, 312	ON RRFB
314	W11-2 (2S)		30	X	30	--	6.250					315, 316, 317	ON RRFB
315	W16-7R (2S)		24	X	12		2.000					314, 316, 317	ON RRFB
316	W11-2 (2S)		30	X	30	--	6.250					315, 315, 317	ON RRFB
317	W11-7L (2S)		24	X	12		2.000					314, 315, 316	ON RRFB
318	W14-2 (2S)	NO OUTLET	30	X	30		6.250		1				
400	R2-1 (2S)		24	X	30	5.000			1				
401	R7-1D (2S)		18	X	24	3.000			1				
402	R2-1 (2S)		24	X	30	5.000			1				
403	W11-2 (2S)		30	X	30	--	6.250		1			208	
404	W16-9P (2S)		24	X	12	--	2.000					207	

SIGN NO.	SIGN SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	634.0818 POSTS TUBULAR STEEL 2 X 2 INCH X 18 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
500	R1-1 (2S)		30	X	30	5.180				1			
501	R7-1D (2S)		18	X	24	3.000				1			
502	R2-1 (2S)	SPEED LIMIT 25	24	X	30	5.000							ON LIGHT POLE
503	R1-1 (2S)		30	X	30	5.180				1			
504	W11-2 (2S)		30	X	30	--	6.250					505, 506, 507	ON RRFB
505	W16-7R (2S)		24	X	12		2.000					504, 506, 507	ON RRFB
506	W11-2 (2S)		30	X	30	--	6.250					504, 505, 507	ON RRFB
507	W11-7L (2S)		24	X	12		2.000					504, 505, 506	ON RRFB
508	W11-2 (2S)		30	X	30	--	6.250					509, 510, 511	ON RRFB
509	W16-7R (2S)		24	X	12		2.000					508, 510, 511	ON RRFB
510	W11-2 (2S)		30	X	30	--	6.250					508, 509, 511	ON RRFB
511	W11-7L (2S)		24	X	12		2.000					508, 509, 510	ON RRFB
600	R2-1 (2S)	SPEED LIMIT 25	24	X	30	5.000			1				
601	R1-1 (2S)		30	X	30	5.180				1			
602	R5-2 (2S)		24	X	24	4.000			1			603	
603	R12-1 (2S)	WEIGHT LIMIT 5 TONS	24	X	30	5.000						602	
604	R2-1 (2S)	SPEED LIMIT 25	24	X	30	--			1				
605	W11-2 (2S)		30	X	30	--	6.250					606, 607, 608	ON RRFB
606	W16-7R (2S)		24	X	12		2.000					605, 607, 608	ON RRFB
607	W11-2 (2S)		30	X	30	--	6.250					605, 607, 608	ON RRFB
608	W11-7L (2S)		24	X	12		2.000					605, 606, 607	ON RRFB
609	W11-2 (2S)		30	X	30	--	6.250					610, 611, 612	ON RRFB
610	W16-7R (2S)		24	X	12		2.000					609, 611, 612	ON RRFB
611	W11-2 (2S)		30	X	30	--	6.250					609, 610, 612	ON RRFB
612	W11-7L (2S)		24	X	12		2.000					609, 610, 611	ON RRFB
613	W11-2 (2S)		30	X	30	--	6.250					614, 615, 616	ON RRFB
614	W16-7R (2S)		24	X	12		2.000					613, 615, 616	ON RRFB
615	W11-2 (2S)		30	X	30	--	6.250					613, 614, 616	ON RRFB
616	W11-7L (2S)		24	X	12		2.000					613, 614, 615	ON RRFB
617	W11-2 (2S)		30	X	30	--	6.250					618, 619, 620	ON RRFB
618	W16-7R (2S)		24	X	12		2.000					617, 619, 620	ON RRFB
619	W11-2 (2S)		30	X	30	--	6.250					617, 618, 620	ON RRFB
620	W11-7L (2S)		24	X	12		2.000					617, 618, 619	ON RRFB

SIGN NO.	SIGN SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	634.0818 POSTS TUBULAR STEEL 2 X 2 INCH X 18 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
700	R1-1 (2S)		30	X	30	5.180				1			
701	R7-8A (2S)		12	X	18	1.500				1			
702	R7-8A (2S)		12	X	18	1.500				1			
703	R7-8A (2S)		12	X	18	1.500				1			
704	W11-2 (2S)		30	X	30	--	6.250					709, 710, 711	ON RRFB
705	W16-7R (2S)		24	X	12		2.000					708, 710, 711	ON RRFB
706	W11-2 (2S)		30	X	30	--	6.250					708, 709, 711	ON RRFB
707	W11-7L (2S)		24	X	12		2.000					708, 709, 710	ON RRFB
708	W11-2 (2S)		30	X	30	--	6.250					713, 714, 715	ON RRFB
709	W16-7R (2S)		24	X	12		2.000					712, 714, 715	ON RRFB
710	W11-2 (2S)		30	X	30	--	6.250					712, 713, 715	ON RRFB
711	W11-7L (2S)		24	X	12		2.000					712, 713, 714	ON RRFB
712	W11-2 (2S)		30	X	30	--	6.250					717, 718, 719	ON RRFB
713	W16-7R (2S)		24	X	12		2.000					716, 718, 719	ON RRFB
714	W11-2 (2S)		30	X	30	--	6.250					716, 717, 719	ON RRFB
715	W11-7L (2S)		24	X	12		2.000					716, 717, 718	ON RRFB
716	W11-2 (2S)		30	X	30	--	6.250					721, 722, 723	ON RRFB
717	W16-7R (2S)		24	X	12		2.000					720, 722, 723	ON RRFB
718	W11-2 (2S)		30	X	30	--	6.250					720, 721, 723	ON RRFB
719	W11-7L (2S)		24	X	12		2.000					720, 721, 722	ON RRFB
800	R1-1 (2S)		30	X	30	5.180				1			
801	R7-53D (2S)		18	X	24	3.000			1				
802	R2-1 (2S)	SPEED LIMIT 25	24	X	30	5.000							ON SIGNAL POLE
803	R7-8A (2S)		12	X	18	1.500				1			
804	R7-8A (2S)		12	X	18	1.500				1			
805	R3-8LF (2S)		30	X	36	7.500				1			
806	W11-2 (2S)		30	X	30	--	6.250					811, 812, 813	ON RRFB
807	W16-7R (2S)		24	X	12		2.000					810, 812, 813	ON RRFB
808	W11-2 (2S)		30	X	30	--	6.250					810, 811, 813	ON RRFB
809	W11-7L (2S)		24	X	12		2.000					810, 811, 812	ON RRFB
810	W11-2 (2S)		30	X	30	--	6.250					815, 816, 817	ON RRFB
811	W16-7R (2S)		24	X	12		2.000					814, 816, 817	ON RRFB
812	W11-2 (2S)		30	X	30	--	6.250					814, 815, 817	ON RRFB
813	W11-7L (2S)		24	X	12		2.000					814, 815, 816	ON RRFB
814	W11-2 (2S)		30	X	30	--	6.250					819, 820, 921	ON RRFB
815	W16-7R (2S)		24	X	12		2.000					818, 820, 821	ON RRFB
816	W11-2 (2S)		30	X	30	--	6.250					818, 819, 821	ON RRFB
817	W11-7L (2S)		24	X	12		2.000					818, 819, 820	ON RRFB
818	W11-2 (2S)		30	X	30	--	6.250					823, 824, 825	ON RRFB
819	W16-7R (2S)		24	X	12		2.000					822, 824, 825	ON RRFB
820	W11-2 (2S)		30	X	30	--	6.250					822, 823, 825	ON RRFB
821	W11-7L (2S)		24	X	12		2.000					822, 823, 824	ON RRFB

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	634.0818 POSTS TUBULAR STEEL 2 X 2 INCH X 18 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
900	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
901	R7-8A (2S)		12	X	18	1.500				1			
902	J4-1 (2S)		24	X	36	6.000							ON SIGNAL POLE
	M3-4		24	X	12	--							
	M1-6	STH 50	24	X	24	--							
903	R3-8LAR (2S)		54	X	30	11.250							ON OVERHEAD SIGN STRUCUTRE
904	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
905	J12-1 (2S)		24	X	45	7.500							ON SIGNAL ARM
	M1-6	STH 50	24	X	24	--							
	M6-4		21	X	21	--							
906	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
907	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
908	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
909	R5-1 (2S)		30	X	30	6.250				1		914, 915	
910	R3-1 (2S)		24	X	24	4.000						913, 915	
911	R6-2L (2S)		24	X	30	5.000						913, 914	
912	R7-8A (2S)		12	X	18	1.500				1			
913	R3-8LAR (2S)		54	X	30	11.250					1		
914	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
915	J12-1 (2S)		24	X	45	7.500							ON SIGNAL ARM
	M1-6	STH 50	24	X	24	--							
	M6-4		21	X	21	--							
916	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
917	R3-8LAR (2S)		54	X	30	11.250							ON OVERHEAD SIGN STRUCTURE
918	J4-1 (2S)		24	X	36	6.000							ON SIGNAL POLE
	M3-2		24	X	12	2.000							
	M1-6	STH 50	24	X	24	4.000							
919	R7-8A (2S)		12	X	18	1.500				1			
920	R3-50A (2S)		30	X	36	7.500						921, 922	ON SIGNAL ARM
921	R3-50R (2S)		30	X	36	7.500						920, 922	ON SIGNAL ARM
922	R3-50L (2S)		30	X	36	7.500						920, 921	ON SIGNAL ARM
923	R3-50A (2S)		30	X	36	7.500						924, 925	ON SIGNAL ARM
924	R3-50R (2S)		30	X	36	7.500						923, 925	ON SIGNAL ARM
925	R3-50L (2S)		30	X	36	7.500						924, 925	ON SIGNAL ARM
926	R3-8LF (2S)		54	X	30	11.250					1		
927	R3-50L (2S)		30	X	36	7.500						928	ON SIGNAL ARM
928	R3-60R (2S)		30	X	36	7.500						927	ON SIGNAL ARM

TYPE II PERMANENT SIGNING — 3170-09-71 STH 50 — ALL ITEMS CATEGORY 1000 UNLESS NOTED

SIGN NO.	SIGN SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	SIGN SIZE H [IN.]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	634.0818 POSTS TUBULAR STEEL 2 X 2 INCH X 18 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1000	R3-8LAR (2S)		54	X	30	11.250					1		ON OVERHEAD SIGN STRUCTURE
1001	R7-8A (2S)		12	X	18	1.500				1			
1002	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
1003	R3-50L (2S)		30	X	36	7.500						1014	ON OVERHEAD SIGN STRUCTURE
1004	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
1005	R7-1D (2S)		18	X	24	3.000							ON EXISTING OVERHEAD SIGN STRUCTURE POLE
1006	R3-8LAR (2S)		54	X	30	11.250							ON EXISTING OVERHEAD SIGN STRUCTURE
1007	R3-8LAR (2S)		54	X	30	11.250					1		ON OVERHEAD SIGN STRUCTURE
1008	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
1009	R5-2 (2S)		24	X	24	4.000				1			
1010	R10-7 (2S)		24	X	30	5.000			1				
1011	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
1012	R7-1L (2S)		18	X	24	3.000				1			
1013	R7-1R (2S)		18	X	24	3.000				1			
1014	R3-60R (2S)		30	X	36	7.500						1003	ON OVERHEAD SIGN STRUCTURE
1015	R3-50A (2S)		30	X	36	7.500						1016, 1017	ON SIGNAL ARM
1016	R3-50R (2S)		30	X	36	7.500						1015, 1017	ON SIGNAL ARM
1017	R3-50L (2S)		30	X	36	7.500						1015, 1016	ON SIGNAL ARM
1018	R3-50A (2S)		30	X	36	7.500						1019, 1020	ON SIGNAL ARM
1019	R3-50R (2S)		30	X	36	7.500						1018, 1020	ON SIGNAL ARM
1020	R3-50L (2S)		30	X	36	7.500						1018, 1019	ON SIGNAL ARM
1021	W11-15 (2S)		30	X	30		6.250					1022	ON LIGHT POLE
1022	S16-9P (2S)		30	X	18		3.750					1021	ON LIGHT POLE
1100	R7-1D (2S)		18	X	24	3.000				1			
1101	R1-1 (2S)		30	X	30	5.180				1		1103	
1102	R3-2 (2S)		24	X	24	4.000						1102	
1103	R3-5R (2S)		42	X	48	14.000							ON OVERHEAD SIGN STRUCTURE
1104	J4-1 (2S)		24	X	36	6.000						1106, 1107	ON UTILITY POLE
	M3-4		24	X	12	--							
	M1-6	STH 50	24	X	24	--							
1105	W11-15 (2S)		30	X	30	--	6.250					1105, 1107	ON UTILITY POLE
1106	W16-9P (2S)		24	X	12	--	2.000					1105, 1106	ON UTILITY POLE
1107	J12-1 (2S)		24	X	45	7.500							ON UTILITY POLE
	M1-6	STH 50	24	X	24	--							
	M6-4		21	X	21	--							
1108	R1-1F (3)		36	X	36	--		7.460					ON SIGNAL POLE
1109	W11-15 (2S)		30	X	30	--	6.250					1110, 1111, 1112	ON RRFB
1110	W16-7R (2S)		24	X	12		2.000					1109, 1111, 1112	ON RRFB
1111	W11-15 (2S)		30	X	30	--	6.250					1109, 1110, 1112	ON RRFB
1112	W11-7L (2S)		24	X	12		2.000					1109, 1110, 1111	ON RRFB
1113	W11-15 (2S)		30	X	30	--	6.250					1114, 1115, 1116	ON RRFB
1114	W16-7R (2S)		24	X	12		2.000					1113, 1115, 1116	ON RRFB
1115	W11-15 (2S)		30	X	30	--	6.250					1113, 1114, 1116	ON RRFB
1116	W11-7L (2S)		24	X	12		2.000					1113, 1114, 1115	ON RRFB
1117	R3-8LAR (2S)		42	X	48	14.000							
1200	R1-1F (3)		36	X	36			7.460					ON SIGNAL POLE
1201	R1-1F (3)		36	X	36			7.460					ON SIGNAL POLE
1202	R1-1F (3)		36	X	36			7.460				1203	ON SIGNAL POLE
1203	R1-1F (3)		36	X	36			7.460				1202	ON SIGNAL POLE
1204	R3-8LA (2S)		30	X	36	7.500			1				
1205	J4-1 (2S)		24	X	36	6.000			1				
	M3-2		24	X	12	0.000							
	M1-6	STH 50	24	X	24	0.000							
UNDISTRIBUTED													
TOTALS: 3170-09-71						526.640	390.250	119.360	32	28	4	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1206	D11-1 (2S)		24	X	18	--	3.000			1			1207	
1207	M7-5 (2S)		12	X	19	--	1.583						1206	
1208	R1-1 (2S)		30	X	30	--	5.180					1		
1209	W14-2 (2S)		30	X	30	--	--	6.250		1				
1210	R2-1 (2S)	SPEED LIMIT 25	24	X	30	--	5.000			1				
1211	R3-9D (2S)		24	X	6	--	1.000			1			1212	
1212	R3-9B (2S)		24	X	36	--	6.000						1211	
1213	R3-9C (2S)		24	X	6	--	1.000			1			1214	
1214	R3-9B (2S)		24	X	36	--	6.000						1213	
1300	R2-1 (2S)	SPEED LIMIT 25	24	X	30	--	5.000			1				
1301	R2-1 (2S)	SPEED LIMIT 25	24	X	30	--	5.000			1				
1302	R7-53D (2S)		18	X	24	--	3.000			1				
1303	R1-1 (2S)		30	X	30	--	5.180					1		
1304	R3-9D (2S)		24	X	6	--	1.000			1			1306	
1305	R3-9B (2S)		24	X	36	--	6.000						1305	
1306	R3-9C (2S)		24	X	6	--	1.000			1			1308	
1307	R3-9B (2S)		24	X	36	--	6.000						1307	
1308	W11-2 (2S)		30	X	30	--	--	6.250					1310, 1311, 1312	ON RRFB
1309	W16-7R (2S)		24	X	12	--	--	2.000					1309, 1311, 1312	ON RRFB
1310	W11-2 (2S)		30	X	30	--	--	6.250					1309, 1310, 1312	ON RRFB
1311	W16-7L (2S)		24	X	12	--	--	2.000					1309, 1310, 1311	ON RRFB
1312	W11-2 (2S)		30	X	30	--	--	6.250					1314, 1315, 1316	ON RRFB
1313	W16-7R (2S)		24	X	12	--	--	2.000					1313, 1315, 1316	ON RRFB
1314	W11-2 (2S)		30	X	30	--	--	6.250					1313, 1314, 1316	ON RRFB
1315	W16-7L (2S)		24	X	12	--	--	2.000					1313, 1314, 1315	ON RRFB
1316	S1-1 (2S)		30	X	30	--	--	6.250		1			1317	
1317	S16-9P (2S)		30	X	18	--	--	3.750					1316	
1318	S4-51 (2S)	SCHOOL | SPEED LIMIT 15 | FINES DOUBLE	24	X	48	--	8.000			1				
1319	S5-1 (2S)	END SCHOOL ZONE	24	X	30	--	5.000			1				
1400	R1-1 (2S)		30	X	30	--	5.180					1		
1401	R2-1 (2S)	SPEED LIMIT 25	24	X	30	--	5.000				1			
1402	S1-1 (2S)		36	X	36	--	--	4.690					1407	
1403	S1-1 (2S)		36	X	36	--	--	4.690			1		1408	
1404	R1-1 (2S)		30	X	30	--	5.180					1		
1405	R9-3A (2S)		24	X	24	--	4.000					1	1406	
1406	R9-3BL (2S)		18	X	12	--	1.500						1405	
1407	S16-7L		30	X	18	--	--	3.750					1402	
1408	S16-7L		30	X	18	--	--	3.750					1403	

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	SIGN SIZE H [IN.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1500	R1-1 (2S)		30	X	30	--	5.180					1		
1501	R1-1 (2S)		30	X	30	--	5.180					1		
1502	R2-1 (23)	SPEED LIMIT 40	30	X	36	--	7.500			1				
1503	W3-5 (2M)	SPEED LIMIT 25	36	X	36	--	--	9.000		1				
1504	S1-1 (2S)		36	X	36	--	--	4.690		1				
1505	S16-7L (2S)		30	X	18	--	--	3.750						
1506	S1-1 (2S)		36	X	36	--	--	4.690		1				
1507	S16-7L (2S)		30	X	18	--	--	3.750						
1508	S1-1 (2S)		36	X	36	--	--	4.690		1			1509	
1509	S16-9P (2S)		30	X	18	--	--	3.750					1508	
1510	S4-51 (2S)	SCHOOL | SPEED LIMIT 15 | FINES DOUBLE	24	X	48	--	8.000			1				
1511	S5-1 (2S)	END SCHOOL ZONE	24	X	30	--	5.000			1				
1600	R1-1 (2S)		30	X	30	--	5.180					1		
1601	R1-1 (2S)		30	X	30	--	5.180					1		
1602	W11-2 (2S)		30	X	30	--	--	6.250				1		
1603	W16-7L (2S)		24	X	12	--	--	2.000						
1604	W11-2 (2S)		30	X	30	--	--	6.250				1		
1605	W16-7L (2S)		24	X	12	--	--	2.000						
1700	R1-1 (2S)		30	X	30	--	5.180					1		
1800	R2-1 (2M)	SPEED LIMIT 40	30	X	36	--	7.460			1				
1801	R1-1 (3)		36	X	36	--	5.180					1		
1802	J1-1 (2M)		24	X	39	--	6.500			1				
	M2-1		21	X	15	--	--							
	M1-4	USH 12	24	X	24	--	--							
1803	JV1-1 (2M)		24	X	63	--	10.500			1				
	M2-1		21	X	15	--	--							
	M1-6	STH 120	24	X	24	--	--							
	M1-5A	CTH H	24	X	24	--	--							
1804	R1-1 (3)		36	X	36	--	7.460					1		
1805	R3-8LAARR (2M)		108	X	30	--	22.500				3			
1806	W3-3 (2M)		36	X	36	--	--	9.000		1				
1807	W11-1 (2M)		36	X	36	--	--	9.000		1			1818	
1808	R2-17AP (2M)		30	X	24	--	5.0000						1807	
1809	R3-5R (2M)		42	X	48	--	14.000							ON OVERHEAD SIGN STRUCTURE
1810	R3-5R (2M)		42	X	48	--	14.000							ON OVERHEAD SIGN STRUCTURE
1900	R2-1 (2M)	SPEED LIMIT 40	30	X	36	--	7.500			1				
1901	R1-1F (2M)		36	X	36	--	--		7.460					ON SIGNAL POLE
1902	W4-2R (3)		36	X	36	--	--	9.000		1				
1903	R4-7 (3)		36	X	48	--	12.000					1		
1904	R4-7 (3)		36	X	48	--	12.000					1		
1905	R1-1F (2M)		36	X	36	--	--		7.460					ON SIGNAL POLE
1906	R1-1F (2M)		36	X	36	--	--		7.460					ON SIGNAL POLE
1907	D11-1 (2M)		24	X	18	--	3.000			1				
1908	D11-1 (2M)		24	X	18	--	3.000			1				
1909	R1-1F (3)		36	X	36	--	--		7.460					ON SIGNAL POLE
1910	R1-1F (3)		36	X	36	--	--		7.460					ON SIGNAL POLE

FILE NAME : X:\BM1-3943 STH 50 Lake Geneva\05_Design\03_Roads\31700900\SheetsPlan\030201-mq.pptx PLOT DATE : September 29, 2026 PLOT BY : BLOOM COMPANIES PLOT NAME : PLOT SCALE : 1:1

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1911	J3-2 (2M)		24	X	57	--	9.500				2			
	M3-3		24	X	12	--	--							
	M1-6	STH 120	24	X	24	--	--							
	M6-1	ARROW LEFT	21	X	21	--	--							
	M3-3	ARROW LEFT	24	X	12	--	--							
	M1-5A	CTH H	24	X	24	--	--							
	M6-1		21	X	21	--	--							
1912	W11-1 (3)		36	X	36	--	--	9.000		1			1937	
1913	JV-3 (2M)		72	X	81	--	40.500				2			
	M4-5		24	X	12	--	--							
	M1-4	USH 12	24	X	24	--	--							
	M6-1	ARROW AHEAD	21	X	21	--	--							
	M3-1		24	X	12	--	--							
	M1-6	STH 120	24	X	24	--	--							
	M1-5A	CTH H	24	X	24	--	--							
	M6-1	ARROW AHEAD	21	X	21	--	--							
	M3-3		24	X	12	--	--							
	M1-6	STH 120	24	X	24	--	--							
	M1-5A	CTH H	24	X	24	--	--							
	M5-1R	ARROW ADVANCE RIGHT	21	X	21	--	--							
1914	J4-1 (2M)		24	X	36	--	6.000			1			1915	
	M3-4		24	X	12	--	--							
	M1-6	STH 50	24	X	24	--	--							
1915	W9-2L (2M)		36	X	36	--	--	9.000					1914	
1916	J3-1 (2M)		24	X	57	--	9.500			1				
	M3-3		24	X	12	--	--							
	M1-6	STH 120	24	X	24	--	--							
	M6-1	ARROW AHEAD	21	X	21	--	--							
1917	R1-1F (2M)		36	X	36	--	--		7.460					ON SIGNAL POLE
1918	W12-1D (2M)		24	X	24	--	--	4.000				1		2' MOUNTING HEIGHT
1919	R10-11F (2M)		30	X	36	--	7.500					1		
1920	R4-7 (3)		36	X	48	--	12.000							ON SIGNAL POLE
1921	R1-1F (2M)		36	X	36	--	--		7.460					ON SIGNAL POLE
1922	R1-1F (2M)		36	X	36	--	--		7.460					ON SIGNAL POLE
1923	R1-1F (2M)		36	X	36	--	--		7.460					ON SIGNAL POLE
1924	W12-1D (2M)		24	X	24	--	--	4.000				1		2' MOUNTING HEIGHT
1925	JV-2 (2M)		24	X	93	--	15.500				2			
	M3-2		24	X	12	--	--							
	M1-6	STH 50	24	X	24	--	--							
	M1-5A	CTH H	24	X	24	--	--							
	M6-1	ARROW RIGHT	21	X	21	--	--							
	M3-1		24	X	12	--	--							
	M1-6	STH 120	24	X	24	--	--							
	M4-5		24	X	12	--	--							
	M1-4	USH 12	24	X	24	--	--							
	M6-1	ARROW RIGHT	21	X	21	--	--							
1926	R10-11F (2M)		30	X	36	--	7.500							ON SIGNAL POLE
1927	R4-4 (2M)		36	X	30	--	7.500			1				

FILE NAME : X:\BM1-3943 STH 50 Lake Geneva\05_Design\03_Roads\31700900\SheetsPlan\030201-mq.pptx PLOT DATE : September 29, 2026 PLOT BY : BLOOM COMPANIES PLOT NAME : PLOT SCALE : 1:1

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	H [IN.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
2000	D1-2 (3)	DOWNTOWN (ARROW AHEAD) BUSINESS PARK (ARROW LEFT)	96	X	48		32.000				2			
2001	W3-5 (3)	SPEED LIMIT 40	36	X	36	--	--	9.000		1				
2002	W3-5 (3)	SPEED LIMIT 40	36	X	36	--	--	9.000		1				
2003	I2-3 (3)	LAKE GENEVA POPULATION 8277	84	X	24	--	14.000			2			2004	
2004	J2-3 (3)		108	X	84	--	63.000				2			
	M3-3		36	X	18	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
	M3-3		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
	M3-4		36	X	18	--	--							
	M1-6	STH 50	36	X	36	--	--							
	M6-1	ARROW AHEAD	30	X	30	--	--							
2005	J2-3 (3)		108		84	--	63.000				2			
	M3-3		36	X	18	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
	M3-3		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
	M3-4		36	X	18	--	--							
	M1-6	STH 50	36	X	36	--	--							
	M6-1	ARROW AHEAD	30	X	30	--	--							
2006	R6-2L (3)		36	X	48	--	12.000			1				
2007	R5-1 (5)		48	X	48	--	16.000			2			2009	
2008	R5-1A (2S)		36	X	24	--	6.000						2008	
2009	R1-1F (3)		36	X	36	--	--	7.460						ON SIGNAL POLE
2010	R10-11F (3)		30	X	36	--	7.500			1				
2011	W13-3 (3)	35 MPH	36	X	48	--	--	12.000		1				
2012	J2-1 (3)		36	X	84	--	21.000			1				
	M3-2		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M6-2	ARROW RIGHT	30	X	30	--	--							
2013	J2-2 (3)		72	X	84	--	42.000				2			
	M3-3		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M6-1	ARROW LEFT	30	X	30	--	--							
	M3-3		36	X	18	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M6-1	ARROW LEFT	30	X	30	--	--							
2014	R3-1 (3)		36	X	36	--	9.000			1				
2015	R3-2 (3)		36	X	36	--	9.000			1				
2016	R1-1F (3)		36	X	36	--	--	7.460						ON SIGNAL POLE
2017	R1-1F (3)		36	X	36	--	--	7.460						ON SIGNAL POLE

FILE NAME : X:\BM1-3943 STH 50 Lake Geneva\05_Design\03_Roads\31700900\SheetsPlan\030201-mq.pptx PLOT DATE : September 29, 2026 PLOT BY : BLOOM COMPANIES PLOT NAME : PLOT SCALE : 1:1

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W [IN.]	x	SIGN SIZE H [IN.]	637.1220 SIGNS TYPE I REFLECTIVE SH [SF]	637.2210 SIGNS TYPE II REFLECTIVE H [SF]	637.2230 SIGNS TYPE II RELFECTIVE F [SF]	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING [SF]	634.0618 POSTS WOOD 4" X 6" X 18' [EA]	634.0622 POSTS WOOD 4" X 6" X 22' [EA]	634.0814 POSTS TUBULAR STEEL 2 X 2 INCH X 14 FT [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
2100	R5-1 (5)		48	X	48	--	16.000			2			2101	
2101	R5-1A (2S)		36	X	24	--	6.000						2100	
2102	R1-1F (3)		36	X	36	--	--	7.460						ON SIGNAL POLE
2103	R1-1F (3)		36	X	36	--	--	7.460						ON SIGNAL POLE
2104	R1-1F (3)		36	X	36	--	--	7.460						ON SIGNAL POLE
2105	R3-1 (3)		36	X	36	--	9.000			1				
2106	J3-1 (3)		36	X	84	--	21.000			1				
	M3-2		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M6-1	ARROW LEFT	30	X	30	--	--							
2107	JV-1 (3)		36	X	93	--	23.250			1				
	M2-1		30	X	21	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M1-5A	CTH H	36	X	36	--	--							
2108	JV-1 (3)		36	X	93	--	23.250			1				
	M2-1		30	X	21	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M1-5A	CTH H	36	X	36	--	--							
2109	R5-1A (3)		42	X	30	--	8.750			1				
2110	I2-2 (3)	(ARROW LEFT) CHICAGO	84	X	21	--	12.250			2				
2111	W3-3 (3)		36	X	36	--	--	9.000		1				
2112	W3-3 (3)		36	X	36	--	--	9.000		1				
2113	D11-1 (3)		30	X	24	--	5.000			1				
2114	R4-7B (3)		36	X	48	--	12.000			1				
2115	R5-1 (3)		36	X	36	--	9.000			1				
2116	W4-1R (3)		36	X	36	--	--	9.000		1				
2117	R1-2 (1)		30	X	26	--	2.710			1				
2118	W11-1 (3)		36	X	36	--	--	9.000		1			2119	
2119	W16-7L (3)		30	X	18	--	--	3.750					2118	
2120	JV-2 (3)		72	X	120	--	60.000				2			
	M3-4		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
	M3-1		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
2121	R2-1 (3)	SPEED LIMIT 45	36	X	48	--	12.000			2				
2122	R2-1 (3)	SPEED LIMIT 45	36	X	48	--	12.000			2				
2123	JV-2 (3)		72	X	120	--	60.000				2			
	M3-4		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
	M3-1		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							

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2200	J3-1 (3)		36	X	84	--	21.000			2				
	M3-2		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
2201	J3-1 (3)		36	X	84	--	21.000			2				
	M3-2		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M5-1L	ARROW ADVANCE LEFT	30	X	30	--	--							
2202	W4-2R (3)		36	X	36	--	--	9.000		1				
2203	W4-1R (3)		36	X	36	--	--	9.000		1				
2204	R1-2 (2S)		30	X	26	--	2.710			1				
2205	W11-1 (3)		36	X	36	--	--	9.000		1			2206	
2206	W16-7L (3)		30	X	18	--	--	3.750					2205	
2207	W4-1R (3)		36	X	36	--	--	9.000		1				
2208	R5-1 (3)		36	X	36	--	9.000			1			2209, 2210	
2209	R5-1A (3)		42	X	30	--	8.750						2208, 2210	
2210	J2-1 (3)		36	X	84	--	21.000						2208, 2209	
	M3-2		36	X	18	--	--							
	M1-6	STH 50	36	X	36	--	--							
	M6-1	ARROW LEFT	30	X	30	--	--							
2211	R1-1 (3)		36	X	36	--	7.460			1			2212	
2212	R6-3 (3)		30	X	24	--	5.000						2211	
2213	R4-7 (3)		36	X	48	--	12.000			1				
2214	D13-3 (3)		60	X	30	--	12.500			2				
2215	R5-1 (3)		36	X	36	--	9.000			1			2216	
2216	R3-1 (3)		36	X	36	--	9.000						2215	
2217	I2-2 (3)	(ARROW LEFT) ELKHORN	84	X	21	--	12.250			2				
2218	W3-3 (3)		36	X	36	--	--	9.000		1				
2219	W4-2R (3)		36	X	36	--	--	9.000		1				
2220	JV-2 (3)		72	X	120	--	60.000				2		2221	
	M3-4		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M6-1	ARROW LEFT	30	X	30	--	--							
	M3-1		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M6-1	ARROW LEFT	30	X	30	--	--							
2221	R5-1 (3)		36	X	36	--	9.000						2220	
2222	R6-2L (3)		36	X	48	--	12.000			1				
2223	R4-7 (3)		36	X	48	--	12.000			1				
2224	R4-7 (3)		36	X	48	--	12.000			1				
2225	R5-1 (3)		36	X	36	--	9.000			1				

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2300	R5-1A (3)		42	X	30	--	8.750			1				
2301	R5-1A (3)		42	X	30	--	8.750				2		2302	
2302	J2-3 (3)		108	X	84	--	63.000						2301	
	M3-4		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M6-2	ARROW RIGHT	30	X	30	--	--							
	M3-1		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M6-1	ARROW RIGHT	30	X	30	--	--							
	M3-1		36	X	18	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M6-1	ARROW RIGHT	30	X	30	--	--							
2303	J2-3 (3)		108	X	84	--	63.000				2			
	M3-4		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M6-2	ARROW RIGHT	30	X	30	--	--							
	M3-1		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M6-1	ARROW RIGHT	30	X	30	--	--							
	M3-1		36	X	18	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M6-1	ARROW RIGHT	30	X	30	--	--							
2304	W13-3 (3)	35 MPH	36	X	48	--	--	12.000		1				
2305	R2-1 (3)	SPEED LIMIT 45	36	X	48	--	12.000			1				
2306	R2-1 (3)	SPEED LIMIT 45	36	X	48	--	12.000			1			2307	
2307	R4-4 (3)		36	X	30	--	7.500						2306	
2308	R4-7 (3)		36	X	48	--	12.000			1				
2309	J4-1 (3)		36	X	54	--	13.500			1			2310	
	M3-2		36	X	18	--	--				2			
	M1-6	STH 50	36	X	36	--	--							
2310	D2-2 (3)	PADDOCK LAKE 15; KENOSHA 27	126	X	36	--	31.500						2309	
2311	R3-17 (3)		30	X	24	--	5.000			1				
2312	I2-2 (3)	(ARROW LEFT) GRAND GENEVA WAY	120	X	36	--	30.000			2				
2313	J2-4 (3)		144	X	84	--	84.000				2			
	M3-2		36	X	18	--	--							
	M1-4	USH 12	36	X	36	--	--							
	M6-1	ARROW AHEAD	30	X	30	--	--							
	M3-4		36	X	18	--	--							
	M1-6	STH 50	36	X	36	--	--							
	M6-1	ARROW AHEAD	30	X	30	--	--							
	M3-3		36	X	18	--	--							
	M1-6	STH 120	36	X	36	--	--							
	M6-1	ARROW AHEAD	30	X	30	--	--							
	M3-3		36	X	18	--	--							
	M1-5A	CTH H	36	X	36	--	--							
	M6-1	ARROW AHEAD	30	X	30	--	--							
2314	D7-82L (3)		36	X	33	--	8.250			1			2315	
2315	D7-82B (3)	MOUNTAIN TOP	36	X	15	--	3.750						2314	
2316	R2-1 (3)	SPEED LIMIT 55	36	X	48	--	12.000			1				
UNDISTRIBUTED											3			
TOTALS: 3170-09-70						117.500	1979.023	383.710	67.140	104	37	20	--	--

TRAFFIC CONTROL ITEMS (1 OF 2)

PROJECT	CATEGORY	ROADWAY	STAGE	STAGE DURATION DAYS	* 643.0300 TRAFFIC CONTROL DRUMS EACH**	643.0300 DAY	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH**	643.0420 DAY	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH**	643.0705 DAY	* 643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH**	643.0715 DAY	643.0810 TRAFFIC CONTROL CONNECTED ARROW BOARD EACH**	643.0810 DAY	* 643.0900 TRAFFIC CONTROL SIGNS EACH**	643.0900 DAY	* 643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	** NO. OF CYCLES	** NO. OF SIGNS	* 643.1050 TRAFFIC CONTROL SIGNS PCMS EACH**	643.1050 DAY	* 643.1070 TRAFFIC CONTROL 42-INCH CONE EACH**	643.1070 DAY	* 643.1222 TRAFFIC CONTROL CONNECTED WORK ZONE END LOCATION MARKERS EACH**	643.1222 DAY
-71	1000	STH 50																										
			1A	10	90	900	16	160	15	15	32	320	36	360	1	10	31	310	--	--	--	--	--	--	--	1	10
			2A/B/C/D	175	100	17,500	35	6,125	--	--	70	12,250	--	--	--	--	--	--	2	1	2	--	--	--	--	--	--
			3A	20	45	900	4	80	16	16	1	20	5	100	--	--	17	340	--	--	--	2	14	--	--	--	--
			3B	95	--	--	4	380	--	--	8	760	--	--	--	--	4	380	--	--	--	--	--	--	--	--	--
			3C-1	50	150	7,500	30	1,500	92	92	60	3,000	5	250	--	--	53	2,650	2	1	2	2	22	3	150	--	--
			3C-2	2	180	360	26	52	--	--	52	104	8	16	--	--	47	94	--	--	--	3	6	50	100	--	--
			3C-3	7	165	1,155	42	294	4	4	84	588	21	147	--	--	62	434	--	--	--	--	--	--	--	--	--
			4A-1	60	155	9,300	38	2,280	11	11	76	4,560	5	300	--	--	60	3,600	--	--	--	--	--	--	--	--	--
			4A-2	20	155	3,100	38	760	4	4	76	1,520	5	100	--	--	60	1,200	2	1	2	--	--	--	--	--	--
			4B-1	60	190	11,400	37	2,220	110	110	74	4,440	13	780	--	--	63	3,780	2	1	2	2	14	--	--	--	--
			4B-2	20	190	3,800	43	860	6	6	86	1,720	13	260	--	--	63	1,260	2	1	2	--	--	--	--	--	--
			4B-3	10	190	1,900	32	320	2	2	64	640	13	130	--	--	63	630	--	--	--	--	--	--	--	--	--
			4C	15	35	525	2	30	22	22	4	60	--	--	--	--	19	285	--	--	--	--	--	--	--	--	--
UNDISTRIBUTED					5,860		1,539		58	28		3,218		257		5		1,537	2				24		50		5
SUBTOTAL CAT 1000					64,200		16,600		340	310		33,200		2,700		15		16,500	12				80		300		15
TOTAL PROJECT -71					64,200		16,600		340	310		33,200		2,700		15		16,500	12				80		300		15

TRAFFIC CONTROL ITEMS (CONTINUED 2 OF 2)

PROJECT	CATEGORY	ROADWAY	STAGE	STAGE DURATION DAYS	* 643.0300 TRAFFIC CONTROL DRUMS EACH**	DAY	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH**	DAY	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH**	DAY	* 643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH**	DAY	643.0810 TRAFFIC CONTROL CONNECTED ARROW BOARD EACH**	DAY	* 643.0900 TRAFFIC CONTROL SIGNS EACH**	DAY	* 643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	** NO. OF CYCLES	** NO. OF SIGNS	* 643.1050 TRAFFIC CONTROL SIGNS PCMS EACH**	DAY	* 643.1070 TRAFFIC CONTROL 42-INCH CONE EACH**	DAY	* 643.1222 TRAFFIC CONTROL CONNECTED WORK ZONE END LOCATION MARKERS EACH**	DAY
-70	1000	STH 50																										
			5A	75	145	10,875	5	375	70	70	10	750	--	--	--	--	45	3,375	--	--	--	--	--	--	--	--	--	--
			5B	20	70	1,400	27	540	--	--	54	1,080	12	240	--	--	45	900	--	--	--	1	20	--	--	--	--	--
			5C	7	50	350	10	70	--	--	20	140	--	--	--	--	40	280	--	--	--	2	14	--	--	--	--	--
			6A	20	200	4,000	26	520	--	--	52	1,040	50	1,000	1	20	67	1,340	--	--	--	4	80	205	4,100	1	20
			6B	15	235	3,525	36	540	--	--	72	1,080	15	225	1	15	68	1,020	--	--	--	4	60	185	2,775	1	15
		UNDISTRIBUTED				2,050		205	20	10		410		155		10		695	8				26		705		10
		SUBTOTAL CAT 1000				22,200		2,250	90	80		4,500		1,620		45		7,610	8				200		7,580		45
		TOTAL PROJECT -70				22,200		2,250	90	80		4,500		1,620		45		7,610	8				200		7,580		45

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** FOR INFORMATION PURPOSES ONLY

TRAFFIC CONTROL (DETAIL) ITEMS

PROJECT	CATEGORY	LOCATION	STAGE	STAGE DURATION DAYS	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	* 643.0300 TRAFFIC CONTROL DRUMS EACH**	DAY	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH**	DAY	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH**	DAY	* 643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH**	DAY	* 643.0810 TRAFFIC CONTROL CONNECTED ARROW BOARD EACH**	DAY	* 643.0900 TRAFFIC CONTROL SIGNS EACH**	DAY	* 643.1070 TRAFFIC CONTROL 42-INCH CONE EACH**	DAY	* 643.1222 TRAFFIC CONTROL CONNECTED WORK ZONE END LOCATION MARKERS EACH**	DAY
-71	1000																					
		WEST END WORK ZONE LANE DROP	2A, 2B, 2C & 2D	175	--	--	19	3,325	8	1,400	16	2,800	11	1,925	1	175	6	1,050	21	3,675	1	175
		TEMPORARY ACCESS FOR LAKE VIEW DR	2A & 2B	14	137.5	137.5	20	280	10	140	20	280	--	--	--	--	8	112	--	--	--	--
			UNDISTRIBUTED		62.5	62.5		365		160		320		200		25		123		375		25
			SUBTOTAL CAT 1000		200.0	200.0		3,970		1,700		3,400		2,125		200		1,285		4,050		200
			TOTAL PROJECT -71		200.0	200.0		3,970		1,700		3,400		2,125		200		1,285		4,050		200

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TRAFFIC CONTROL (DETOUR) ITEMS

PROJECT	CATEGORY	STAGE	ROADWAY	STAGE DURATION DAYS	* 643.0300 TRAFFIC CONTROL DRUMS EACH**	643.0300 DAY	* 643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH**	643.0420 DAY	* 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH**	643.0705 DAY	* 643.0900 TRAFFIC CONTROL SIGNS EACH**	643.0900 DAY	* 643.0910 TRAFFIC CONTROL COVERING SIGNS TYPE I EACH	** NUMBER OF CYCLES	** NUMBER OF SIGNS	* 643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	** NUMBER OF CYCLES	** NUMBER OF SIGNS	* 643.1050 TRAFFIC CONTROL SIGNS PCMS EACH**	643.1050 DAY	REMARKS
-71	1000																				
		2A	STH 50	10	15	150	40	400	80	800	165	1,650	--	--	--	--	--	--	2	14	
			SNAKE RD	10	5	50	8	80	16	160	10	100	--	--	--	--	--	--	3	21	
		2B	STH 50	155	15	150	40	6,200	80	12,400	165	25,575	--	--	--	--	--	--	--	--	
		2C/D	STH 50	10	15	150	60	600	120	1,200	210	2,100	--	--	--	--	--	--	--	--	
		3C-3	STH 50	7	--	--	--	--	--	--	100	700	--	--	--	--	--	--	2	28	
		LONG TERM	STH 50	290	--	--	10	2,900	20	5,800	243	70,470	10	2	5	--	--	--	3	30	TRUCK & THRU (2027)
		UNDISTRIBUTED				50		1,030		2,060		10,105	10			20				17	
		SUBTOTAL CAT 1000				550		11,210		22,420		110,700	20			20				110	
		TOTAL PROJECT -71				550		11,210		22,420		110,700	20			20				110	
-70	1000																				
		6A	USH 12 EB	6	20	120	5	30	10	60	65	390	--	--	--	--	--	--	2	20	EXIT RAMPS
			USH 12 WB	3	20	60	10	30	20	60	60	180	--	--	--	--	--	--	2	20	EXIT RAMPS
		LONG TERM	STH 50	290	--	--	10	2,900	20	5,800	243	70,470	10	2	5	--	--	--	3	30	TRUCK & THRU (2028)
		UNDISTRIBUTED				20		300		600		7,110	20			20				10	
		SUBTOTAL CAT 1000				200		3,260		6,520		78,150	30			20				80	
		TOTAL PROJECT -70				200		3,260		6,520		78,150	30			20				80	

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** FOR INFORMATION PURPOSES ONLY

TEMPORARY TAPE RUMBLE STRIP ORANGE

PROJECT	CATEGORY	ROADWAY	STAGE	643.0320.S LF	REMARKS
-71	1000	STH 50			
			2A	103	FOREST ST SB, DETOUR
			3C-2	90	STH 50 EB & WB FOR CENTER ST
			UNDISTRIBUTED	47	
			SUBTOTAL CAT 1000	240	
			TOTAL PROJECT -71	240	
-70	1000	STH 50			
			5C	180	STH 50 EB & WB
			UNDISTRIBUTED	30	
			SUBTOTAL CAT 1000	210	
			TOTAL PROJECT -70	210	

TRAFFIC CONTROL SIGNS FIXED MESSAGE

PROJECT	CATEGORY	ROADWAY	STAGE	LOCATION	NUMBER REQUIRED	SIGN SIZE W X H FT X FT	643.1000 SF	SIGN MESSAGE
-71	1000	STH 50						
			PED DETOUR					
				COUNTRY CLUB DR	1	1.5 X 1.0	1.50	STAIRS CLOSED
			TRUCK DETOUR					
				VARIOUS	6	5.5 X 4.0	132.00	TAKE DOWN AND RE-ERECT AFTER WINTER SHUTDOWN
			UNDISTRIBUTED				66.50	
			SUBTOTAL CAT 1000				200.00	
			TOTAL PROJECT -71				200.00	
-70	1000	STH 50						
			UNDISTRIBUTED				50.00	
			SUBTOTAL CAT 1000				50.00	
			TOTAL PROJECT -70				50.00	

TEMPORARY PAVEMENT MARKING ITEMS

PROJECT	CATEGORY	ROADWAY	STAGE	STATION	TO	STATION	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH YELLOW LF	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH WHITE LF	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH DOT PATTERN WHITE 3' LINE, 9' SKIP LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH YELLOW LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH WHITE LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH DASHED WHITE 12.5' LINE, 37.5' SKIP LF	643.3180 TEMPORARY MARKING LINE REMOVABLE TAPE 6-INCH DOT PATTERN WHITE 3' LINE, 9' SKIP LF	643.3270 TEMPORARY MARKING LINE EPOXY 10-INCH WHITE LF	643.3280 TEMPORARY MARKING LINE REMOVABLE TAPE 10-INCH WHITE LF	643.3320 TEMPORARY MARKING CROSSWALK EPOXY 6-INCH LF	643.3350 TEMPORARY MARKING CROSSWALK REMOVABLE TAPE 6-INCH LF	643.3520 TEMPORARY MARKING ARROW EPOXY EACH	643.3550 TEMPORARY MARKING ARROW REMOVABLE TAPE EACH	643.3820 TEMPORARY MARKING STOP LINE EPOXY 18-INCH LF	643.3850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH LF
-71	1000	STH 50																			
			1A	606+55	-	625+00	--	210	--	3,265	--	--	--	--	--	--	--	--	--	16	--
			2A/B/C/D	608+00	-	618+00	--	--	--	5,910	540	100	--	--	--	--	--	--	--	15	15
			3A	657+70	-	670+16	800	500	--	--	--	--	--	--	--	--	--	--	--	16	--
			3B	675+32	-	684+02	1,235	1,470	66	690	770	--	15	420	50	385	--	7	2	120	30
			3C-1	657+81	-	687+63	4,530	2,600	--	--	--	--	--	--	--	--	--	--	--	90	--
			3C-1	657+81	-	687+63	80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			3C-1	657+81	-	687+63	250	250	--	--	--	--	--	--	--	--	--	--	--	--	--
			4A-1	657+81	-	687+63	575	375	--	--	--	--	--	--	--	76	--	--	--	--	--
			4A-2	657+81	-	687+63	193	125	--	67	--	--	--	--	35	--	450	--	1	--	48
			4B-1	657+81	-	694+73	2,170	1,130	--	3,730	2,040	--	--	--	--	--	800	--	--	--	200
			4B-2	657+81	-	694+73	--	--	--	340	295	--	--	--	--	--	190	--	3	--	25
			4C	676+40	-	687+67	--	--	--	160	100	--	--	--	--	--	280	--	2	--	69
			UNDISTRIBUTED				332			428				10	5	9	90	1	2	8	23
			SUBTOTAL CAT 1000				16,890			18,450				430	90	470	1,810	8	10	265	410
			TOTAL PROJECT -71				16,890			18,450				430	90	470	1,810	8	10	265	410
-70	1000	STH 50																			
			5A	688+25	-	723+28	5,960	5,740	90	--	--	--	--	30	--	--	--	3	--	100	--
			5B	682+24	-	722+45	7,260	4,005	100	--	--	--	--	--	--	290	--	9	--	60	--
			6A	720+69	-	END	--	--	--	70	--	--	--	175	--	--	175	--	--	--	--
			6B	720+69	-	END	--	--	--	660	--	--	495	--	610	--	--	--	18	--	140
			UNDISTRIBUTED				465			75				5	15	10	10	2	7	5	10
			SUBTOTAL CAT 1000				23,620			1,300				210	625	300	185	14	25	165	150
			TOTAL PROJECT -70				23,620			1,300				210	625	300	185	14	25	165	150

TRAFFIC CONTROL (PEDESTRIAN) ITEMS (1 OF 2)

PROJECT	CATEGORY	ROADWAY	STAGE	STAGE DURATION DAYS	* 643.0900 TRAFFIC CONTROL SIGNS EACH**	643.0900 TRAFFIC CONTROL SIGNS DAY	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP EACH**	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES EACH**	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES DAY
-71	1000	STH 50											
			2B-1	45	30	1,350	950	--	--	--	522	16	720
			2B-2	45	35	1,575	3,420	4	180	10	1,380	22	990
			2B-3	50	25	1,250	1,150	--	--	--	360	15	750
			2C	5	14	70	--	--	--	20	72	9	45
			2D	5	17	85	--	--	--	--	150	12	60
			3A	10	20	200	598	--	--	30	191	5	50
			3C-1	50	25	1,250	--	--	--	--	150	12	600
			3C-2	2	25	50	--	--	--	--	150	12	24
			3C-3	7	25	175	--	--	--	--	150	12	84
			4A-1	40	36	1,440	--	--	--	31	1,428	16	640
			4A-2	37	36	1,332	--	--	--	--	1,626	16	592
			4B-1	38	38	1,444	--	--	--	--	1,052	11	418
			4B-2	37	39	1,443	--	--	--	--	1,286	16	592
			4B-3	37	14	518	--	--	--	--	96	8	296
			4C	10	16	160	--	--	--	--	102	6	60
		UNDISTRIBUTED				1,258	632		20	19	885		899
		SUBTOTAL CAT 1000				13,600	6,750		200	110	9,600		6,820
		TOTAL PROJECT -71				13,600	6,750		200	110	9,600		6,820

TRAFFIC CONTROL (PEDESTRIAN) ITEMS (2 OF 2)

PROJECT	CATEGORY	ROADWAY	STAGE	STAGE DURATION DAYS	* 643.0900 TRAFFIC CONTROL SIGNS EACH**	643.0900 TRAFFIC CONTROL SIGNS DAY	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP EACH**	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES EACH**	644.1900.S TEMPORARY AUDIBLE MESSAGE DEVICES DAY
-70	1000	STH 50											
			5A	75									
					9	675	--	--	--	--	105	5	375
			5B	20									
					17	340	--	10	200	50	96	8	160
			6A	20									
					13	260	910	3	60	20	350	4	80
		UNDISTRIBUTED				135	90		40	10	59		115
		SUBTOTAL CAT 1000				1,410	1,000		300	80	610		730
		TOTAL PROJECT -70				1,410	1,000		300	80	610		730

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE
** FOR INFORMATION PURPOSES ONLY

TRAFFIC CONTROL

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	643.5000 EACH
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	0.500
			SUBTOTAL CAT 1000				0.500
			TOTAL PROJECT -71				0.500
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	0.500
			SUBTOTAL CAT 1000				0.500
			TOTAL PROJECT -70				0.500

FILE NAME : X:\BM1-3943 STH 50 Lake Geneva\05_Design\03_Roads\31700900\SheetsPlan\030201-mq.pptx PLOT DATE : September 29, 2026 PLOT BY : BLOOM COMPANIES PLOT NAME : PLOT SCALE : 1:1

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PAVEMENT MARKING ITEMS (1 OF 2)

							646.1020 MARKING LINE EPOXY 4-INCH	646.2025 MARKING LINE GROOVED BLACK EPOXY 6-INCH	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH							646.3020 MARKING LINE EPOXY 8-INCH		646.4025 MARKING LINE GROOVED BLACK EPOXY 10-INCH		646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH		
PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	DOUBLE YELLOW LF	12.5-FT LINE, 37.5-FT SKIP LF	WHITE LF	YELLOW LF	DOUBLE YELLOW LF	WHITE 3-FT LINE, 9-FT SKIP LF	WHITE 12.5-FT LINE, 37.5-FT SKIP LF	YELLOW 3-FT LINE, 9-FT SKIP LF	YELLOW 12.5-FT LINE, 37.5-FT SKIP LF	WHITE LF	WHITE 3-FT LINE, 9-FT SKIP LF	3-FT LINE, 9-FT SKIP LF	2-FT LINE, 6-FT SKIP LF	WHITE LF	WHITE 3-FT LINE, 9-FT SKIP LF	WHITE 2-FT LINE, 6-FT SKIP LF
-71	1000	STH 50																				
			618+50	-	620+74	LT/RT	--	112	--	--	556	--	112	--	--	--	--	--	--	--	--	--
			620+74	-	627+20	LT/RT	--	138	257	--	1,815	--	138	--	--	--	--	--	--	--	--	--
			627+20	-	628+29	LT/RT	--	--	--	--	218	--	--	--	--	--	--	--	--	--	--	--
			628+29	-	639+72	LT/RT	--	--	--	--	2,275	--	--	--	--	--	--	--	--	--	--	--
			639+72	-	648+41	LT/RT	--	--	--	--	1,654	--	--	--	--	--	--	--	--	--	--	--
			648+41	-	652+80	LT/RT	--	--	--	--	735	--	--	--	--	--	--	--	--	--	--	--
			652+80	-	657+20	LT/RT	--	--	--	--	720	--	--	--	--	--	--	--	--	--	--	--
			657+20	-	661+59	LT/RT	107	--	--	--	687	13	--	--	--	--	--	13	--	48	13	--
			661+59	-	666+10	LT/RT	101	--	--	--	703	--	--	--	--	82	--	--	--	156	--	--
			666+10	-	670+40	LT/RT	223	--	--	--	705	--	--	--	--	147	--	--	--	248	--	--
			670+40	-	675+25	LT/RT	105	--	--	--	779	--	--	--	--	45	--	60	--	564	60	--
			675+25	-	677+00	LT/RT	108	--	--	--	598	--	--	--	--	--	--	52	--	158	52	--
			677+00	-	679+24	LT/RT	--	--	--	--	286	--	--	--	--	--	--	60	--	119	60	--
			679+24	-	682+77	LT/RT	175	--	--	--	578	--	--	--	--	93	--	38	--	97	38	--
			SUBTOTAL CAT 1000				819	250	257	0	12,309	13	250	0	0	367	0	223	0	1,390	223	0
			TOTAL PROJECT -71				819	250	12,829							367		223		1,613		
-70	1000	STH 50																				
			682+77	-	684+33	LT/RT	--	--	--	--	247	--	--	--	--	--	--	11	--	79	11	--
			684+33	-	687+96	LT/RT	--	--	--	--	563	--	--	--	141	--	--	--	--	--	--	--
			687+96	-	691+34	LT/RT	--	--	--	--	818	--	--	--	--	--	--	35	--	120	35	--
			691+34	-	692+35	LT/RT	--	--	--	--	200	--	--	--	--	--	--	--	--	--	--	--
			692+35	-	697+59	LT/RT	--	--	--	--	1,644	--	--	20	--	--	--	35	--	68	35	--
			697+59	-	708+75	LT/RT	1,097	--	1,990	--	2,025	--	--	18	--	--	--	52	--	59	52	--
			708+75	-	714+12	LT/RT	--	--	969	--	964	--	--	--	--	--	--	--	--	--	--	--
			714+12	-	719+30	LT/RT	--	--	799	--	909	--	--	--	--	--	--	--	--	--	--	--
			719+30	-	723+65	LT/RT	802	31	226	--	612	--	31	--	--	441	64	67	10	982	67	10
			723+65	-	733+00	LT/RT	1,183	--	1,453	1,661	--	--	400	--	--	211	79	164	51	2,334	164	51
			733+00	-	744+10	LT/RT	--	535	1,949	2,079	--	--	535	--	--	--	--	279	--	2,072	279	--
			744+10	-	750+74	LT/RT	--	333	1,308	1,354	--	--	333	--	--	--	--	100	--	513	100	--
			SUBTOTAL CAT 1000				3,082	899	8,694	5,094	7,982	0	1,299	38	141	652	144	743	61	6,227	744	61
			TOTAL PROJECT -70				3,082	899	23,247							796		804		7,031		

3

PAVEMENT MARKING ITEMS (CONTINUED 2 OF 2)

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	646.5020 MARKING ARROW EPOXY TYPE 1 EACH	646.5020 MARKING ARROW EPOXY TYPE 2 EACH	646.5020 MARKING ARROW EPOXY TYPE 3 EACH	646.5020 MARKING ARROW EPOXY TYPE 5 EACH	646.5120 MARKING WORD EPOXY YIELD EACH	646.5120 MARKING WORD EPOXY ONLY EACH	646.5220 MARKING SYMBOL EPOXY HANDICAP EACH	646.5220 MARKING SYMBOL EPOXY BIKE LANE EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH YELLOW LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH WHITE LF	646.7220 MARKING CHEVRON EPOXY 24-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE LF	646.8020 MARKING CORRUGATED MEDIAN EPOXY SF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH
-71	1000	STH 50																				
			618+50	-	620+74	LT/RT	--	--	--	1	--	--	--	--	54	20	--	--	--	--	--	--
			620+74	-	627+20	LT/RT	--	--	--	1	--	--	--	--	--	38	137	--	--	--	--	--
			627+20	-	628+29	LT/RT	--	--	--	--	--	--	--	--	34	--	--	--	--	--	--	--
			628+29	-	639+72	LT/RT	--	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--
			639+72	-	648+41	LT/RT	--	--	--	--	--	--	--	--	32	--	--	--	78	--	--	--
			648+41	-	652+80	LT/RT	--	--	--	--	--	--	2	--	13	--	--	--	52	--	--	--
			652+80	-	657+20	LT/RT	--	--	--	--	--	--	2	--	13	--	--	--	54	--	--	--
			657+20	-	661+59	LT/RT	--	1	--	--	--	1	2	--	49	--	--	--	269	--	--	--
			661+59	-	666+10	LT/RT	2	5	--	--	--	5	2	--	96	--	--	--	471	--	--	--
			666+10	-	670+40	LT/RT	5	11	1	--	--	7	2	--	120	--	--	--	460	--	--	--
			670+40	-	675+25	LT/RT	2	6	--	--	--	1	--	--	74	--	--	--	124	--	--	--
			675+25	-	677+00	LT/RT	2	1	1	--	--	1	--	--	23	104	--	--	149	--	--	--
			677+00	-	679+24	LT/RT	2	3	--	--	--	1	--	--	--	--	--	--	185	--	--	--
			679+24	-	682+77	LT/RT	4	1	--	--	--	--	--	--	69	68	34	--	192	--	--	--
			SUBTOTAL CAT 1000				17	28	2	2	0	16	10	0	595	230	171	0	2,034	0	0	0
			TOTAL PROJECT -71				49				16		10		595	401		0	2,034	0	0	0
-70	1000	STH 50																				
			682+77	-	684+33	LT/RT	--	1	--	--	--	--	--	--	18	8	--	--	85	--	--	--
			684+33	-	687+96	LT/RT	--	4	--	--	--	--	--	--	--	--	--	--	54	--	--	--
			687+96	-	691+34	LT/RT	--	2	--	--	--	--	--	--	29	94	--	--	62	--	--	--
			691+34	-	692+35	LT/RT	--	--	--	--	--	--	--	--	--	54	--	--	156	--	--	--
			692+35	-	697+59	LT/RT	--	1	--	--	--	--	--	--	32	176	--	--	74	--	--	--
			697+59	-	708+75	LT/RT	--	1	--	--	--	--	--	--	24	--	--	--	328	--	--	--
			708+75	-	714+12	LT/RT	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--
			714+12	-	719+30	LT/RT	--	--	--	--	--	--	--	--	40	--	--	--	129	--	--	--
			719+30	-	723+65	LT/RT	6	13	3	--	--	11	--	--	126	169	--	--	512	--	56	2
			723+65	-	733+00	LT/RT	3	13	--	--	--	13	--	--	208	74	--	--	135	42	89	3
			733+00	-	744+10	LT/RT	--	4	--	3	2	2	--	2	62	--	--	--	--	--	--	--
			744+10	-	750+74	LT/RT	--	--	--	1	--	--	--	--	--	70	--	82	--	--	--	--
			SUBTOTAL CAT 1000				9	39	3	4	2	26	0	2	556	645	0	82	1,535	42	145	5
			TOTAL PROJECT -70				55				28		2		556	645		82	1,535	42	145	5

3

SAME DAY AND COLD WEATHER MARKING EPOXY ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	646.4720 MARKING LINE SAME DAY EPOXY 6-INCH LF	646.4820 MARKING LINE SAME DAY EPOXY 10-INCH LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF
-71	1000	STH 50								
			BEGIN	-	END	LT/RT	500	50	2,000	100
			SUBTOTAL CAT 1000				500	50	2,000	100
			TOTAL PROJECT -71				500	50	2,000	100
-70	1000	STH 50								
			BEGIN	-	END	LT/RT	8,800	400	4,000	200
			SUBTOTAL CAT 1000				8,800	400	4,000	200
			TOTAL PROJECT -70				8,800	400	4,000	200

MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	646.7520 LF
-71	4000	STH 50					
			628+29	-	639+72	LT/RT	42
			639+72	-	648+41	LT/RT	90
			648+41	-	652+80	LT/RT	107
			652+80	-	657+20	LT/RT	120
			657+20	-	661+59	LT/RT	60
			670+40	-	675+25	LT/RT	84
			SUBTOTAL CAT 4000				503
			TOTAL PROJECT -71				503
-70	4000	STH 50					
			684+33	-	687+96	LT/RT	90
			SUBTOTAL CAT 4000				90
			TOTAL PROJECT -70				90

MARKING PARKING STALL EPOXY

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	646.8320 WHITE LF
-71	1100	STH 50					
			648+41	-	652+80	RT	946
			652+80	-	657+20	RT	1,253
			657+20	-	661+59	LT/RT	966
			661+59	-	666+10	LT/RT	1,226
			666+10	-	670+40	LT/RT	1,478
			670+40	-	675+25	RT	281
			SUBTOTAL CAT 1100				6,150
			TOTAL PROJECT -71				6,150
-70	1100	STH 50					
			692+35	-	697+59	RT	750
			SUBTOTAL CAT 1100				750
			TOTAL PROJECT -70				750

MARKING REMOVAL ITEMS

PROJECT	CATEGORY	STAGE	ROADWAY	STATION	TO	STATION	LOCATION	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9110 MARKING REMOVAL LINE WATER BLASTING 8-INCH LF	646.9200 MARKING REMOVAL LINE WIDE LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	646.9310 MARKING REMOVAL SPECIAL MARKING WATER BLASTING EACH
-71	1000													
		1A	STH 50	607+55	-	624+24	LT/RT	--	1,940	--	--	--	--	--
		3C-1	STH 50	661+14	-	685+25	LT/RT	1,800	100	30	--	30	3	--
				SUBTOTAL CAT 1000				1,800	2,040	30	0	30	3	0
				TOTAL PROJECT -71				1,800	2,040	30	0	30	3	0
-70	1000													
		5A	STH 50	692+35	-	7+23	LT/RT	11,280	--	500	--	100	7	--
		6A	STH 50	724+37	-	END	LT/RT	--	730	--	815	--	--	4
		6A	STH 50	724+37	-	END	LT/RT	--	100	--	300	--	--	8
				SUBTOTAL CAT 1000				11,280	830	500	1,115	100	7	12
				TOTAL PROJECT -70				11,280	830	500	1,115	100	7	12

CONSTRUCTION STAKING ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9500.01 CONSTRUCTION STAKING SIDEWALK (3170-09-70) EACH	650.9500.02 CONSTRUCTION STAKING SIDEWALK (3170-09-71) EACH	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (3170-09-70) EACH	650.9911.02 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (3170-09-71) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	SPV.0060.300 CONSTRUCTION STAKING SHARED-USE PATH (3170-09-70) EACH
-71	1000	STH 50														
			620+32	-	652+47	LT/RT	3,790	3,790	7,422	--	--	1	--	1	3,790	--
			652+47	-	661+17	LT/RT	--	--	958	925	--	--	--	--	--	--
			661+17	-	682+76	LT/RT	3,415	3,415	4,525	--	--	--	--	--	3,415	--
					SUBTOTAL CAT 1000		7,205	7,205	12,905	925	0	1	0	1	7,205	0
					TOTAL PROJECT -71		7,205	7,205	12,905	925	0	1	0	1	7,205	0
-70	1000	STH 50														
			682+76	-	750+74	LT/RT	--	--	2,625	13,150	1	--	1	--	--	--
					SUBTOTAL CAT 1000		0	0	2,625	13,150	1	0	1	0	0	0
	2000	STH 50														
			697+59	-	723+65		2,180	--	2,400	--	--	--	--	--	2,180	1
					SUBTOTAL CAT 2000		2,180	0	2,400	0	0	0	0	0	2,180	1
					TOTAL PROJECT -70		2,180	0	5,025	13,150	1	0	1	0	2,180	1

ROADWAY/ASPHALTIC PATH SAWING ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 690.0150 SAWING ASPHALT LF	* 690.0250 SAWING CONCRETE LF
-71	1000	STH 50						
			618+50	-	620+74	LT/RT	--	275
			620+74	-	627+20	LT/RT	--	31
			627+20	-	628+29	LT/RT	--	31
			628+29	-	639+72	LT/RT	--	45
			639+72	-	648+41	LT/RT	--	49
			657+20	-	661+59	LT/RT	--	151
			661+59	-	666+10	LT/RT	--	685
			666+10	-	670+40	LT/RT	--	684
			670+40	-	675+25	LT/RT	--	587
			675+25	-	677+00	LT/RT	--	182
			677+00	-	679+24	LT/RT	--	271
			679+24	-	682+77	LT/RT	360	390
					SUBTOTAL CAT 1100		360	3,380
					TOTAL PROJECT -71		360	3,380
-70	1000	STH 50						
			682+77	-	684+33	LT/RT	159	159
			684+33	-	687+96	LT/RT	67	67
			723+65	-	733+00	LT/RT	20	--
					SUBTOTAL CAT 1100		245	225
					TOTAL PROJECT -70		245	225

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

CRACK AND DAMAGE SURVEY

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	999.1501.S EACH
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	69
					SUBTOTAL CAT 1000		69
					TOTAL PROJECT -71		69

CONCRETE BASES TYPE 5

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	654.0105 EACH	REMARKS
-71	1000	STH 50				
			661+17	RT	1	
			662+00	RT	1	
			662+48	LT	1	
			662+98	RT	1	
			663+50	LT	1	
			664+01	RT	1	
			664+54	LT	1	
			665+09	RT	1	
			665+47	LT	1	
			666+73	RT	1	
			667+15	LT	1	
			667+68	RT	1	
			668+22	LT	1	
			668+73	RT	1	CONCTRACTOR
			669+25	LT	1	TO VERIFY
			669+77	RT	1	EXISTING BOLT
			671+07	RT	1	PATTERN FOR
			672+01	RT	1	DECORATIVE
			673+03	RT	1	LIGHTS
			674+02	RT	1	
			677+31	RT	1	
			678+61	RT	1	
			681+00	LT	1	
			682+90	LT	1	
			683+89	LT	1	
			SUBTOTAL CAT 1000		25	
			TOTAL PROJECT -71		25	
-70	1000	STH 50	722+31	LT	1	
			SUBTOTAL CAT 1000		1	
			TOTAL PROJECT -70		1	

BACKFILL SLURRY

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	SPV.0035.001 CY
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	25
			SUBTOTAL CAT 1000				25
			TOTAL PROJECT -71				25
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	25
			SUBTOTAL CAT 1000				25
			TOTAL PROJECT -70				25

CPM ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	SPV.0060.011 BASELINE CPM PROGRESS SCHEDULE EACH	SPV.0060.012 MONTHLY CPM PROGRESS SCHEDULE UPDATES EACH
-70	1000	STH 50						
			BEGIN	-	END	LT/RT	1	22
			SUBTOTAL CAT 1000				1	22
			TOTAL PROJECT -70				1	22

3

REMOVE, SALVAGE, AND REINSTALL CITY OWNED SIGNS

PROJECT	CATEGORY	ROA	STATION	TO	STATION	LOCATION	SPV.0060.007 EACH
-71	1000	STH 50					
			648+41	-	652+80	LT/RT	1
			657+20	-	661+59	LT/RT	1
			661+59	-	666+10	LT/RT	2
			666+10	-	670+40	LT/RT	4
			670+40	-	675+25	LT/RT	2
			677+00	-	679+24	LT/RT	1
			UNDISTRIBUTED				3
			SUBTOTAL CAT 1000				14
			TOTAL PROJECT -71				14
-70	1000	STH 50					
			UNDISTRIBUTED				1
			SUBTOTAL CAT 1000				1
			TOTAL PROJECT -70				1

REMOVE, SALVAGE, AND REINSTALL CITY OWNED TREE GRATE

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	SPV.0060.009 EACH
-71	1000	STH 50			
			662+12	LT	1
			662+37	RT	1
			662+56	LT	1
			663+09	RT	1
			663+84	LT	1
			663+90	RT	1
			664+38	RT	1
			664+78	RT	1
			665+36	LT	1
			665+38	RT	1
			666+80	RT	1
			667+14	RT	1
			667+21	LT	1
			667+52	RT	1
			667+98	RT	1
			668+05	LT	1
			668+43	RT	1
			668+93	LT	1
			669+32	LT	1
			669+41	RT	1
			669+77	LT	1
			670+04	RT	1
			SUBTOTAL CAT 1000		22
			TOTAL PROJECT -71		22

UTILITY LINE OPENING (ULO)

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	SPV.0060.001 EACH
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	25
			SUBTOTAL CAT 1000				25
			TOTAL PROJECT -71				25
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	5
			SUBTOTAL CAT 1000				5
			TOTAL PROJECT -70				5

FIELD FACILITIES OFFICE SPACE

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	SPV.0060.002 EACH
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	.500
			SUBTOTAL CAT 1000				.500
			TOTAL PROJECT -71				.500
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	.500
			SUBTOTAL CAT 1000				.500
			TOTAL PROJECT -70				.500

TENSION ANCHOR RODS, S-64-204

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	SPV.0060.005 EACH
-70	3010	STH 50			
			720+61	RT	1
			SUBTOTAL CAT 3010		1
			TOTAL PROJECT -70		1

REMOVE, SALVAGE, AND REINSTALL DECORATIVE STONE WALL

PROJECT	CATEGORY	ROADWAY	STATION	LOCATION	SPV.0060.599 EACH	REMARKS
-71	4010	STH 50				
			626+90	RT	1	LAKE VIEW MANOR SW QUAD
			SUBTOTAL CAT 4010		1	
			TOTAL PROJECT -71		1	

RECTANGULAR RAPID FLASHING BEACON ITEMS (1 OF 2)

PROJECT	CATEGORY	ROADWAY	OFF.	NO.	SPV.0060.020 NW QUAD MAXWELL ST EACH	SPV.0060.021 SW QUAD MAXWELL ST EACH	SPV.0060.022 NE QUAD MAXWELL ST EACH	SPV.0060.023 SE QUAD MAXWELL ST EACH	SPV.0060.420 NE QUAD SKY LN EACH	SPV.0060.421 SE QUAD SKY LN EACH	SPV.0060.422 NE QUAD ELMWOOD AVE EACH	SPV.0060.423 SE QUAD ELMWOOD AVE EACH	SPV.0060.424 NW QUAD WARREN ST EACH	SPV.0060.425 SW QUAD WARREN ST EACH	SPV.0060.426 NE QUAD WARREN ST EACH	SPV.0060.427 SE QUAD WARREN ST EACH	SPV.0060.428 NW QUAD MADISON ST EACH	SPV.0060.429 SW QUAD MADISON ST EACH	SPV.0060.430 NE QUAD MADISON ST EACH	SPV.0060.431 SE QUAD MADISON ST EACH
					RRFB SYSTEM STH 50															
-71	1000	STH 50																		
			LT	30	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			RT	31	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			LT	32	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
			RT	33	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
		SUBTOTAL CAT 1000			1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
-71	4000	STH 50																		
			LT	10	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--
			RT	11	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--
			LT	20	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
			RT	21	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--
			LT	40	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--
			RT	41	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--
			LT	42	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--
			RT	43	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
			LT	50	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--
			RT	51	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--
			LT	52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--
			RT	53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1
		SUBTOTAL CAT 4000			0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1
		TOTAL PROJECT -71			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

RECTANGULAR RAPID FLASHING BEACON ITEMS (CONTINUED 2 OF 2)

PROJECT	CAT	ROADWAY	OFF	NO.	SPV.0060.024 NW QUAD MILL ST EACH	SPV.0060.025 SW QUAD MILL ST EACH	SPV.0060.432 NW QUAD WEST ST EACH	SPV.0060.433 SW QUAD WEST ST EACH
					RRFB SYSTEM STH 50			
-71	1000	STH 50						
			LT	60	1	--	--	--
			RT	61	--	1	--	--
		SUBTOTAL CAT 1000			1	1	0	0
		TOTAL PROJECT -71			1	1	0	0
-70	4000	STH 50						
			LT	70	--	--	1	--
			RT	71	--	--	--	1
		SUBTOTAL CAT 4000			0	0	1	1
		TOTAL PROJECT -70			0	0	1	1

3

STREET SWEEPING

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	SPV.0075.001 HRS
-71	1000	STH 50					
			BEGIN	-	END	LT/RT	80
			SUBTOTAL CAT 1000				80
			TOTAL PROJECT -71				80
-70	1000	STH 50					
			BEGIN	-	END	LT/RT	20
			SUBTOTAL CAT 1000				20
			TOTAL PROJECT -70				20

SALVAGING AND REINSTALLING BRICK PAVERS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	SPV.0165.001 SF
-71	1000	STH 50					
			661+59	-	666+10	LT/RT	730
			666+10	-	670+40	LT/RT	1,220
			677+00	-	679+24	LT	33
			679+24	-	682+77	LT	32
			SUBTOTAL CAT 1000				2,015
			TOTAL PROJECT -71				2,015

EXCAVATION OF PHRAGMITES CONTAMINATED SOIL

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	SPV.0180.001 SY
-70	1000	STH 50					
			703+90	-	704+10	LT	50
			SUBTOTAL CAT 1000				50
			TOTAL PROJECT -70				50

EXCAVATION, HAULING, AND DISPOSAL OF HAZMAT SOIL ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	AREA	SPV.0195.001 EXCAVATION, HAULING, AND DISPOSAL OF METALS CONTAMINATED SOIL TON	SPV.0195.002 EXCAVATION, HAULING, AND DISPOSAL OF VOC CONTAMINATED SOIL TON	REMARKS
-71	1000	STH 50								
			661+60	-	662+75	RT	1	--	940	STAGE 4B
			662+75	-	665+25	RT	2	640	--	STAGE 4B
			664+00	-	665+25	RT	3	645	--	STAGE 4B
			665+25	-	666+15	RT	4	645	--	STAGE 4B
			669+75	-	670+60	LT	5	1080	--	STAGE 3C-1/4A
			670+60	-	671+30	LT	6	760	--	STAGE 3C-1/4A
			678+25	-	679+40	LT	7	--	740	STAGE 3C-1/4A
			679+40	-	680+50	LT	8	415	--	STAGE 3C-1/4A
			SUBTOTAL CAT 1000					4,185	1,680	
			TOTAL PROJECT -71					4,185	1,680	

ASPHALTIC REPAIR ITEMS

PROJECT	CATEGORY	ROADWAY	STATION	TO	STATION	LOCATION	* 455.0605 TACK COAT TON	SPV.0195.003 ASPHALTIC REPAIR TON
-70	1000	STH 50						
			682+77	-	684+33	LT/RT	2	4
			684+33	-	687+96	LT/RT	5	9
			687+96	-	691+34	LT/RT	5	9
			691+34	-	692+35	LT/RT	2	4
			692+35	-	697+59	LT/RT	16	28
			697+59	-	708+75	LT/RT	37	129
			708+75	-	714+12	LT/RT	18	63
			714+12	-	719+30	LT/RT	17	60
			719+30	-	723+65	LT/RT	39	152
			723+65	-	733+00	LT/RT	78	314
			733+00	-	744+10	LT/RT	93	181
			744+10	-	750+74	LT/RT	50	97
			SUBTOTAL CAT 1000				360	1,050
			TOTAL PROJECT -70				360	1,050

* ADDITIONAL QUANTITIES SHOWN ELSEWHERE

SANITARY GENERAL SUMMARY

CATEGORY	NUMBER	SPV.0060.500 Construction Staking Sanitary Sewer EACH	SPV.0060.507 Dewatering (For Sanitary Sewer) EACH	SPV.0060.508 Utility Line Opening (For Sanitary Sewer) EACH	SPV.0035.500 Utility Trench Slurry Backfill For Sanitary Sewer CY	SPV.0165.500 4 ft X 8 ft Insulation Board Polystyrene 2-Inch Thick (Sanitary Sewer) SF
	UNDISTRIBUTED	1	1	5	1500	1,536
	TOTAL CATEGORY 1050, 3170-09-81	1	1	5	1500	1,536

SANITARY ABANDONMENT, REMOVALS AND CONNECTIONS SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.501 Abandon Existing Sanitary Manhole EACH	SPV.0090.506 Abandon Existing Sanitary Sewer (Greater Than 6-Inch Dia) LF	SPV.0060.504 Connect To Existing Sanitary Sewer EACH
	618+75.00	18.00'	LT		-	-	-	-	-	2
	620+83.31	38.52	LT		-	-	-	-	-	1
	620+85.33	33.68'	LT		625+15.63	24.29'	LT	-	428	-
	624+84.00	12.00'	LT		626+81.25	41.04'	RT	-	197	-
	625+15.63	24.29'	LT		-	-	-	1	-	-
	626+81.25	41.04'	RT		-	-	-	1	-	-
	628+36.15	22.90'	RT		-	-	-	1	-	-
	628+38.20	25.92'	LT		-	-	-	1	-	-
	628+36.15	22.90'	RT		628+38.20	25.92'	LT	-	49	-
	639+31.61	22.79	LT		-	-	-	-	-	1
	648+37.00	0.00'	RT		-	-	-	-	-	1
	41+04.94	1.00'	LT		41+22.29	21.30'	RT	-	28	-
	41+22.29	21.30'	RT		-	-	-	1	-	-
	41+22.29	21.30'	RT		626+36.15	22.90'	RT	-	104	-
	41+04.91	1.00'	LT		41+06.74	28.69'	LT	-	28	-
	41+06.74	28.69'	LT		-	-	-	1	-	-
	41+06.74	28.69'	LT		42+13.33	29.67'	LT	-	107	-
	648+50.00	106.50'	RT		-	-	-	-	-	1
	680+48.77	10.06'	LT		-	-	-	1	-	-
	680+48.77	10.06'	LT		681+36.67	44.78'	LT	-	95	-
	680+48.77	10.06'	LT		680+90.37	9.85'	RT	-	65	-
	680+90.37	39.85	RT		-	-	-	-	-	1
	681+36.67	44.78'	LT		-	-	-	-	-	2
	UNDISTRIBUTED				-	-	-	-	-	-
	TOTAL CATEGORY 1050, 3170-09-81							7	1101	9

SANITARY MANHOLE SUMMARY

CATEGORY	NUMBER	STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	STRUCTURE	SPV.0060.502 Sanitary Sewer Manhole 48-Inch EACH	SPV.0060.503 Sanitary Sewer Manhole Outside Drop EACH
	PJ5006	618+75.00	18.00'	LT	STH 50	MANHOLE	1	-
	PJ5007	620+82.00	16.00'	LT	STH 50	MANHOLE	1	-
	PJ5008	624+80.57	11.61	RT	STH 50	MANHOLE	1	-
	PJ5009	627+12.98	29.88'	RT	STH 50	MANHOLE	-	1
	PJ5011	626+91.98	152.62	RT	LAKEVIEW DR	MANHOLE	1	-
	PJ5022	627+60.00	21.00'	LT	STH 50	MANHOLE	1	-
	PJ5022A	631+60.00	24.00'	LT	STH 50	MANHOLE	1	-
	PJ5058	639+31.61	22.76'	LT	LINDA LN	MANHOLE	1	-
	PJ5057	639+60.00	1.00'	RT	STH 50	MANHOLE	-	1
	PJ5056	640+14.49	244.79'	LT	ELMWOOD AVE	MANHOLE	1	-
	PJ5057A	642+20.00	2.05'	RT	STH 50	MANHOLE	1	-
	PJ6001	644+35.00	1.00'	LT	STH 50	MANHOLE	1	-
	PJ6002	648+35.00	0.00'	-	STH 50	MANHOLE	1	-
	PJ6004	648+50.00	38.00'	RT	STH 50	MANHOLE	1	-
	PJ6003	648+50.00	106.50'	RT	STH 50	MANHOLE	1	-
	1	680+90.37	39.85'	RT	STH 50	MANHOLE	1	-
	2	681+36.67	44.78	LT	STH 50	MANHOLE	1	-
	UNDISTRIBUTED	-	-	-	-	-	-	-
TOTAL CATEGORY 1050, 3170-09-81							15	2

SANITARY ADJUSTMENT SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.546 Adjust Existing Sanitary Sewer Manhole EACH	SPV.0060.547 Replace Sanitary Manhole Casting And Lid EACH
				-	-
	684+53.53	42.31	LT	1	
	684+64.44	4.97	LT	1	
	685+29.08	18.64	RT	1	-
	687+98.68	1.88	LT	1	-
	692+38.58	1.4	RT	1	-
	694+63.07	3.79	RT	1	-
	719+21.92	36.78	RT	1	
	UNDISTRIBUTED			-	3
TOTAL CATEGORY 1050, 3170-09-70				7	3

SANITARY ADJUSTMENT SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.546 Adjust Existing Sanitary Sewer Manhole EACH	SPV.0060.547 Replace Sanitary Manhole Casting And Lid EACH
				-	-
	670+61.34	66.82	LT	1	-
	671+37.55	12.18	RT	1	-
	675+38.86	45.19	LT	1	-
	675+59.44	39.39	LT	1	-
	677+25.38	5.96	RT	1	-
	UNDISTRIBUTED			-	3
TOTAL CATEGORY 1050, 3170-09-81				5	3

SANITARY SEWER PIPE SUMMARY

CATEGORY	FROM M.H.	TO M.H.	STREET	SPV.0090.500 Sanitary Sewer PVC 15-Inch LF	SPV.0090.501 Sanitary Sewer PVC 14-Inch LF	SPV.0090.502 Sanitary Sewer PVC 12-Inch LF	SPV.0090.503 Sanitary Sewer PVC 8-Inch LF	SPV.0090.504 RCP Class V 36-Inch LF
	PJ5006	PJ5007	STH 50	-	-	-	207	-
	CONNECT	PJ5007	STH 50	-	-	-	23	-
	PJ5007	PJ5008	STH 50	-	-	-	400	-
	PJ5008	PJ5009	STH 50	-	-	-	236	-
	PJ5009	PJ5011	LAKEVIEW DR	-		-	125	-
	PJ5009	PJ5022	STH 50	-	-	-	69	-
	PJ5022	PJ5022A	STH 50	-	-	-	400	-
	PJ5058	PJ5057	STH 50	-	-	-	37	-
	PJ5057	PJ5056	ELMWOOD AVE	-	-	252	-	-
	PJ5057	PJ5057A	STH 50	-	-	-	260	-
	PJ5057A	PJ6001	STH 50	-	-	-	215	-
	PJ6001	PJ6002	STH 50	-	-	-	400	-
	PJ6002	PJ6004	STH 50	-	-	40	-	-
	PJ6004	PJ6003	STH 50	69	-	-	-	-
	1	2	STH 50	-	96	-	-	-
	STA. 50+39.66	STA. 51+16.25	STH 50	-	-	-	-	80
			UNDISTRIBUTED	-	-	-	-	-
TOTAL CATEGORY 1050, 3170-09-81				69	96	292	2372	80

SANITARY LATERAL SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.505 Wye 12-Inch X 6-Inch EACH	SPV.0060.506 Wye 8-Inch X 6-Inch EACH	SPV.0090.505 Sanitary Lateral 6-Inch LF
	621+43.86	13.28'	LT	-	1	57
	622+39.31	9.05'	LT	-	1	61
	623+69.91	2.55'	LT	-	1	67
	625+98.16	15.63'	RT	-	1	55
	626+44.91	20.25'	RT	-	1	76
	629+70.21	22.90'	LT	-	1	13
	630+28.41	22.83'	LT	-	1	12
	631+00.71	24.08'	LT	-	1	11
	631+82.59	24.03'	LT	-	1	11
	11+24.23	1.45'	LT	1	-	32
	11+73.06	0.67'	LT	1	-	30
	12+31.74	0.26'	RT	1	-	31
	12+41.17	0.42'	RT	1	-	31
	640+44.15	1.34'	RT	1	-	33
	640+64.03	1.42'	RT	1	-	40
	641+13.19	1.62'	RT	1	-	37
	641+47.00	1.75'	RT	1	-	39
	641+72.72	1.86'	RT	1	-	42
	642+33.60	2.18'	RT	1	-	42
	642+97.44	2.77'	RT	1	-	45
	643+58.76	2.51'	RT	1	-	47
	644+25.00	0.39'	LT	1	-	50
	644+78.32	2.32'	RT	1	-	48
	645+54.04	5.34'	RT	1	-	46
	646+19.96	5.11'	RT	1	-	44
	646+83.90	3.55'	RT	1	-	41
	646+96.59	3.31'	RT	1	-	41
	647+59.92	1.82'	RT	1	-	39
	UNDISTRIBUTED			-	-	-
TOTAL CATEGORY 1050, 3170-09-81				19	9	1121

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WATER GENERAL SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.509 Construction Staking Water Main EACH	SPV.0060.541 Dewatering (For Water Main) EACH	SPV.0060.542 Utility Line Opening (For Water Main) EACH	SPV.0035.501 Utility Trench Slurry Backfill For Water Main CY
UNDISTRIBUTED				1	1	5	900
TOTAL CATEGORY 1050, 3170-09-81				1	1	5	900

WATER CONNECTION SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.514 Connect To Existing Water Main EACH	SPV.0060.540 Temporary Water Service EACH	SPV.0060.543 Temporary Testing Items EACH
	617+99.00	66.00'	LT	FOREST ST	1	-	-
	618+67.00	36.00'	RT	STH 50	1	-	-
	620+74.00	77.00'	LT	PEARSON DR	1	-	-
	623+79.41	37.78'	RT	STH 50	1	-	-
	637+56.76	19.19'	LT	STH 50	1	-	-
	653+37.00	8.14'	LT	STH 50	1	-	-
	666+52.25	21.98'	LT	STH 50	1	-	-
	677+13.79	46.29'	RT	SOUTH LAKESHORE DR	1	-	-
	681+48.00	16.15'	LT	STH 50	2	-	-
	42+04.36	9.90'	RT	LAKEVIEW DR	1	-	-
	639+88.25	56.54'	LT	ELMWOOD AVE	1	-	-
	648+27.95	51.80'	LT	MAXWELL ST	1	-	-
	670+44.50	53.05'	RT	CENTER ST	1	-	-
	670+45.00	64.00'	LT	CENTER ST	1	-	-
UNDISTRIBUTED					-	67	1
TOTAL CATEGORY 1050, 3170-09-81					15	67	1

WATER MAIN PIPE SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0090.507 Water Main Ductile Iron 16-Inch LF	SPV.0090.508 Water Main Ductile Iron 12-Inch LF	SPV.0090.518 Water Main Ductile Iron 10-Inch LF	SPV.0090.509 Water Main Ductile Iron 8-Inch LF	SPV.0090.510 Water Main Ductile Iron 6-Inch LF	SPV.0090.511 WATER MAIN DUCTILE IRON 4 INCH LF	SPV.0090.512 Water Main Casing Pipe 30-Inch LF
	617+99.00	66.00'	LT	617+99.00	62.00'	LT	FOREST ST	-	-	4	-	-	-	-
	617+99.00	62.00'	LT	617+99.00	58.00'	LT	FOREST ST	4	-	-	-	-	-	-
	617+99.00	58.00'	LT	618+18.00	58.00'	LT	STH 50	20	-	-	-	-	-	-
	618+18.00	58.00'	LT	618+18.00	50.00'	LT	STH 50	-	-	-	-	8	-	-
	618+18.00	58.00'	LT	618+24.39	57.96'	LT	STH 50	6	-	-	-	-	-	-
	618+24.39	57.96'	LT	618+67.00	58.00'	LT	STH 50	43	-	-	-	-	-	-
	618+67.00	58.00'	LT	618+67.00	30.00'	RT	STH 50	88	-	-	-	-	-	-
	618+67.00	30.00'	RT	618+67.00	36.00'	RT	STH 50	-	-	-	6	-	-	-
	618+67.00	58.00'	LT	618+71.00	58.00'	LT	STH 50	3	-	-	-	-	-	-
	618+71.00	58.00'	LT	620+53.00	58.00'	LT	STH 50	182	-	-	-	-	-	-
	620+53.00	58.00'	LT	620+53.01	50.00'	LT	STH 50	-	-	-	-	6	-	-
	620+53.00	58.00'	LT	620+57.00	58.00'	LT	STH 50	4	-	-	-	-	-	-
	620+57.00	58.00'	LT	620+74.00	58.00'	LT	STH 50	17	-	-	-	-	-	-
	620+74.00	58.00'	LT	620+74.00	62.00'	LT	PEARSON DR	4	-	-	-	-	-	-
	620+74.00	62.00'	LT	620+74.00	65.00'	LT	PEARSON DR	-	-	-	4	-	-	-
	620+74.00	65.00'	LT	620+74.00	68.00'	LT	PEARSON DR	-	-	-	4	-	-	-
	620+74.00	68.00'	LT	620+74.00	74.00'	LT	PEARSON DR	-	-	-	-	6	-	-
	620+74.00	74.00'	LT	620+78.8	77.00'	LT	PEARSON DR	-	-	-	-	3	-	-
	620+74.00	58.00'	LT	623+84.00	59.00'	LT	STH 50	307	-	-	-	-	-	-
	623+84.00	59.00'	LT	623+80.00	33.00'	RT	STH 50	-	-	-	92	-	-	-
	623+80.00	33.00'	RT	623+79.41	37.78'	RT	STH 50	-	-	-	5	-	-	-
	623+84.00	59.00'	LT	624+49.09	54.41'	LT	STH 50	61	-	-	-	-	-	-
	624+49.09	54.41'	LT	624+70.00	52.23'	LT	STH 50	20	-	-	-	-	-	-
	624+70.00	52.23'	LT	624+75.00	51.65'	LT	STH 50	3	-	-	-	-	-	-
	624+75.00	51.65'	LT	624+74.61	48.67'	LT	STH 50	-	-	-	-	1	-	-
	624+74.61	48.67'	LT	624+74.25	45.69'	LT	STH 50	-	-	-	-	3	-	-
	624+75.00	51.65'	LT	624+78.07	51.29'	LT	STH 50	2	-	-	-	-	-	-
	624+78.07	51.29'	LT	626+32.13	23.00'	LT	STH 50	151	-	-	-	-	-	-

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WATER MAIN PIPE SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0090.507 Water Main Ductile Iron 16-Inch LF	SPV.0090.508 Water Main Ductile Iron 12-Inch LF	SPV.0090.518 Water Main Ductile Iron 10-Inch LF	SPV.0090.509 Water Main Ductile Iron 8-Inch LF	SPV.0090.510 Water Main Ductile Iron 6-Inch LF	SPV.0090.511 WATER MAIN DUCTILE IRON 4 INCH LF	SPV.0090.512 Water Main Casing Pipe 30-Inch LF
	626+32.13	23.00'	LT	626+70.00	36.00'	LT	STH 50	38	-	-	-	-	-	-
	626+70.00	36.00'	LT	626+98.28	36.03'	LT	STH 50	27	-	-	-	-	-	-
	626+98.28	36.03'	LT	627+16.00	36.00'	LT	STH 50	17	-	-	-	-	-	-
	627+16.00	36.00'	LT	627+20.00	36.00'	LT	STH 50	2	-	-	-	-	-	-
	627+20.00	36.00'	LT	627+23.00	36.00'	LT	STH 50	1	-	-	-	-	-	-
	627+23.00	36.00'	LT	627+27.00	35.99'	LT	STH 50	2	-	-	-	-	-	-
	627+27.00	35.99'	LT	627+27.00	32.00'	LT	STH 50	-	-	-	-	2	-	-
	627+27.00	32.00'	LT	627+27.00	28.00'	LT	STH 50	-	-	-	-	4	-	-
	627+27.00	35.99'	LT	627+31.06	36.00'	LT	STH 50	3	-	-	-	-	-	-
	627+31.06	36.00'	LT	628+30.00	36.00'	LT	STH 50	98	-	-	-	-	-	-
	628+30.00	36.00'	LT	628+30.00	40.00'	LT	SKY LN DR	4	-	-	-	-	-	-
	628+30.00	40.00'	LT	628+30.00	42.00'	LT	SKY LN DR	-	-	-	2	-	-	-
	628+30.00	42.00'	LT	628+30.00	44.00'	LT	SKY LN DR	-	-	-	2	-	-	-
	628+30.00	44.00'	LT	628+31.02	47.44'	LT	SKY LN DR	-	-	-	3	-	-	-
	628+30.00	36.00'	LT	628+30.00	8.00'	RT	STH 50	42	-	-	-	-	-	-
	628+30.00	8.00'	RT	632+23.03	8.00'	RT	STH 50	392	-	-	-	-	-	-
	632+23.03	8.00'	RT	632+40.55	8.00'	RT	STH 50	17	-	-	-	-	-	-
	632+40.55	8.00'	RT	632+44.00	8.00'	RT	STH 50	1	-	-	-	-	-	-
	632+44.00	8.00'	RT	632+44.00	11.00'	RT	STH 50	-	-	-	-	1	-	-
	632+44.00	11.00'	RT	632+44.01	19.50'	RT	STH 50	-	-	-	-	8	-	-
	632+44.00	8.00'	RT	633+92.39	8.23'	RT	STH 50	147	-	-	-	-	-	-
	633+92.39	8.23'	RT	637+37.72	7.88'	RT	STH 50	345	-	-	-	-	-	-
	637+37.72	7.88'	RT	637+42.76	8.51'	RT	STH 50	5	-	-	-	-	-	-
	637+42.76	8.51'	RT	637+50.67	8.51'	RT	STH 50	6	-	-	-	-	-	-
	637+50.67	8.51'	RT	637+51.29	16.76'	RT	STH 50	-	-	-	-	7	-	-
	637+51.29	16.76'	RT	637+51.45	20.41'	RT	STH 50	-	-	-	-	2	-	-
	637+50.67	8.51'	RT	637+66.00	8.00'	RT	STH 50	13	-	-	-	-	-	-
	637+66.00	8.00'	RT	637+66.00	5.00'	RT	STH 50	-	-	-	-	1	-	-
	637+66.00	5.00'	RT	637+56.76	19.19'	LT	STH 50	-	-	-	-	24	-	-
	637+66.00	8.00'	RT	637+69.00	8.00'	RT	STH 50	1	-	-	-	-	-	-
	637+69.00	8.00'	RT	637+71.98	8.15'	RT	STH 50	3	-	-	-	-	-	-
	637+71.98	8.15'	RT	638+79.00	9.00'	RT	STH 50	106	-	-	-	-	-	-
	638+79.00	9.00'	RT	638+97.00	8.00'	LT	STH 50	23	-	-	-	-	-	-
	638+97.00	8.00'	LT	639+76.00	8.00'	LT	STH 50	77	-	-	-	-	-	-
	639+76.00	8.00'	LT	639+83.00	8.00'	LT	STH 50	5	-	-	-	-	-	-
	639+83.00	8.00'	LT	644+17.00	8.00'	LT	STH 50	433	-	-	-	-	-	-
	644+17.00	8.00'	LT	644+16.81	11.00'	LT	STH 50	-	-	-	-	3	-	-

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WATER MAIN PIPE SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0090.507 Water Main Ductile Iron 16-Inch LF	SPV.0090.508 Water Main Ductile Iron 12-Inch LF	SPV.0090.518 Water Main Ductile Iron 10-Inch LF	SPV.0090.509 Water Main Ductile Iron 8-Inch LF	SPV.0090.510 Water Main Ductile Iron 6-Inch LF	SPV.0090.511 WATER MAIN DUCTILE IRON 4 INCH LF	SPV.0090.512 Water Main Casing Pipe 30-Inch LF
	644+16.81	11.00'	LT	644+16.00	24.00'	LT	STH 50	-	-	-	-	10	-	-
	644+17.00	8.00'	LT	644+20.00	8.21'	LT	STH 50	1	-	-	-	-	-	-
	644+20.00	8.21'	LT	644+36.00	9.50'	LT	STH 50	15	-	-	-	-	-	-
	644+36.00	9.50'	LT	645+50.49	2.81'	LT	STH 50	114	-	-	-	-	-	-
	645+50.49	2.81'	LT	646+49.31	3.64'	LT	STH 50	99	-	-	-	-	-	-
	646+49.31	3.64'	LT	648+31.00	8.00'	LT	STH 50	180	-	-	-	-	-	-
	648+31.00	8.00'	LT	648+78.00	8.00'	LT	STH 50	45	-	-	-	-	-	-
	648+78.00	8.00'	LT	648+78.00	20.00'	LT	STH 50	-	-	-	-	10	-	-
	648+78.00	20.00'	LT	648+78.00	23.00'	LT	STH 50	-	-	-	-	3	-	-
	648+78.00	8.00'	LT	648+81.00	8.00'	LT	STH 50	1	-	-	-	-	-	-
	648+81.00	8.00'	LT	652+54.75	8.00'	LT	STH 50	373	-	-	-	-	-	-
	652+54.75	8.00'	LT	652+61.24	8.00'	LT	STH 50	7	-	-	-	-	-	-
	652+61.24	8.00'	LT	652+76.02	8.00'	LT	STH 50	15	-	-	-	-	-	-
	652+76.02	8.00'	LT	653+20.72	8.00'	LT	STH 50	45	-	-	-	-	-	-
	653+20.72	8.00'	LT	653+28.15	8.09'	LT	STH 50	7	-	-	-	-	-	-
	653+28.15	8.09'	LT	653+34.05	8.16'	LT	STH 50	-	4	-	-	-	-	-
	653+34.05	8.16'	LT	653+34.00	12.00'	LT	STH 50	-	-	-	-	2	-	-
	653+34.00	12.00'	LT	653+34.00	23.00'	LT	STH 50	-	-	-	-	11	-	-
	653+34.05	8.16'	LT	653+37.00	8.14'	LT	STH 50	-	2	-	-	-	-	-
	666+53.00	22.00'	LT	666+60.00	22.00'	LT	STH 50	6	-	-	-	-	-	-
	666+60.00	22.00'	LT	666+66.00	17.00'	LT	STH 50	6	-	-	-	-	-	-
	666+66.00	17.00'	LT	668+50.00	17.00'	LT	STH 50	182	-	-	-	-	-	-
	668+50.00	17.00'	LT	668+50.00	21.00'	LT	STH 50	-	-	-	-	2	-	-
	668+50.00	21.00'	LT	668+50.00	37.00'	LT	STH 50	-	-	-	-	16	-	-
	668+50.00	17.00'	LT	670+35.00	17.00'	LT	STH 50	183	-	-	-	-	-	-
	670+35.00	17.00'	LT	670+45.00	17.00'	LT	STH 50	8	-	-	-	-	-	-
	670+45.00	17.00'	LT	670+55.00	17.00'	LT	STH 50	8	-	-	-	-	-	-
	670+55.00	17.00'	LT	673+40.85	17.00'	LT	STH 50	285	-	-	-	-	-	-
	673+40.85	17.00'	LT	674+20.00	17.00'	LT	STH 50	79	-	-	-	-	-	-
	674+20.00	17.00'	LT	674+25.00	17.00'	LT	STH 50	3	-	-	-	-	-	-
	674+25.00	17.00'	LT	674+25.00	12.00'	LT	STH 50	-	-	-	-	3	-	-
	674+25.00	12.00'	LT	674+25.00	40.00'	LT	STH 50	-	-	-	-	18	-	-
	674+25.00	17.00'	LT	675+20.00	17.00'	LT	STH 50	93	-	-	-	-	-	-
	675+20.00	17.00'	LT	675+24.00	17.00'	LT	STH 50	4	-	-	-	-	-	-
	675+24.00	17.00'	LT	675+30.19	17.00'	LT	STH 50	6	-	-	-	-	-	-
	675+30.19	17.00'	LT	676+05.00	17.00'	LT	STH 50	74	-	-	-	-	-	-
	675+44.46	17.00'	LT	675+84.58	17.00'	LT	STH 50	-	-	-	-	-	-	40

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WATER MAIN PIPE SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0090.507 Water Main Ductile Iron 16-Inch LF	SPV.0090.508 Water Main Ductile Iron 12-Inch LF	SPV.0090.518 Water Main Ductile Iron 10-Inch LF	SPV.0090.509 Water Main Ductile Iron 8-Inch LF	SPV.0090.510 Water Main Ductile Iron 6-Inch LF	SPV.0090.511 WATER MAIN DUCTILE IRON 4 INCH LF	SPV.0090.512 Water Main Casing Pipe 30-Inch LF
	676+05.00	17.00'	LT	676+09.00	17.00'	LT	STH 50	3	-	-	-	-	-	-
	676+09.00	17.00'	LT	676+48.00	21.99'	LT	STH 50	54	-	-	-	-	-	-
	676+48.00	21.99'	LT	677+14.00	22.00'	RT	STH 50	64	-	-	-	-	-	-
	677+14.00	22.00'	RT	677+14.00	43.80'	RT	SOUTH LAKESHORE DR	-	20	-	-	-	-	-
	677+14.00	43.80'	RT	677+13.79	46.29'	RT	SOUTH LAKESHORE DR	-	2	-	-	-	-	-
	677+14.00	22.00'	RT	677+53.98	21.99'	RT	STH 50	39	-	-	-	-	-	-
	677+53.98	21.99'	RT	677+80.04	22.01'	RT	STH 50	25	-	-	-	-	-	-
	677+80.04	22.01'	RT	678+01.85	0.20'	RT	STH 50	30	-	-	-	-	-	-
	678+01.85	0.20'	RT	678+67.75	0.00'	-	STH 50	65	-	-	-	-	-	-
	678+67.75	0.00'	-	679+15.91	0.42'	LT	STH 50	48	-	-	-	-	-	-
	679+15.91	0.42'	LT	679+35.00	0.53'	LT	STH 50	18	-	-	-	-	-	-
	679+35.00	0.53'	LT	679+35.00	24.00'	LT	STH 50	-	-	-	-	22	-	-
	679+35.00	24.00'	LT	679+35.00	32.00'	LT	STH 50	-	-	-	-	8	-	-
	679+35.00	0.53'	LT	681+11.90	0.23'	LT	STH 50	176	-	-	-	-	-	-
	681+11.90	0.23'	LT	681+48.00	0.00'	-	STH 50	35	-	-	-	-	-	-
	681+48.00	0.00'	-	681+48.00	6.00'	LT	STH 50	4	-	-	-	-	-	-
	681+48.00	6.00'	LT	681+48.00	16.15'	LT	STH 50	9	-	-	-	-	-	-
	42+04.36	9.90'	RT	42+06.52	10.03'	RT	LAKEVIEW DR	-	-	-	-	-	1	-
	42+08.39	10.15'	RT	42+28.35	11.37'	RT	LAKEVIEW DR	19	-	-	-	-	-	-
	42+28.35	11.37'	RT	42+89.77	2.41'	LT	LAKEVIEW DR	62	-	-	-	-	-	-
	42+89.77	2.41'	LT	42+91.71	2.85'	LT	LAKEVIEW DR	2	-	-	-	-	-	-
	42+91.71	2.85'	LT	42+95.62	3.65'	LT	LAKEVIEW DR	3	-	-	-	-	-	-
	639+76.00	8.00'	LT	639+76.00	27.00'	LT	ELMWOOD AVE	17	-	-	-	-	-	-
	639+76.00	27.00'	LT	639+76.00	34.40'	LT	ELMWOOD AVE	-	-	-	6	-	-	-
	639+76.00	34.40'	LT	639+77.90	42.75'	LT	ELMWOOD AVE	-	-	-	8	-	-	-
	639+77.90	42.75'	LT	639+90.92	39.89'	LT	ELMWOOD AVE	-	-	-	-	12	-	-
	639+90.92	39.89'	LT	639+95.00	39.00'	LT	ELMWOOD AVE	-	-	-	-	4	-	-
	639+77.90	42.75'	LT	639+78.76	46.65'	LT	ELMWOOD AVE	-	-	-	4	-	-	-
	639+78.76	46.65'	LT	639+79.43	49.66'	LT	ELMWOOD AVE	-	-	-	3	-	-	-
	639+79.43	49.66'	LT	639+79.95	52.02'	LT	ELMWOOD AVE	-	-	-	-	2	-	-
	639+79.95	52.02'	LT	639+88.25	56.54'	LT	ELMWOOD AVE	-	-	-	-	9	-	-
	648+27.95	51.80'	LT	648+31.00	46.01'	LT	MAXWELL ST	-	-	-	-	6	-	-
	648+31.00	46.01'	LT	648+31.00	43.00'	LT	MAXWELL ST	-	-	-	-	2	-	-
	648+31.00	43.00'	LT	648+31.00	39.95'	LT	MAXWELL ST	-	-	-	2	-	-	-
	648+31.00	39.95'	LT	648+31.00	36.97'	LT	MAXWELL ST	-	-	-	2	-	-	-
	648+31.00	36.97'	LT	648+30.99	31.76'	LT	MAXWELL ST	4	-	-	-	-	-	-
	648+30.99	31.76'	LT	648+30.98	9.66'	LT	MAXWELL ST	23	-	-	-	-	-	-

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WATER MAIN PIPE SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0090.507 Water Main Ductile Iron 16-Inch LF	SPV.0090.508 Water Main Ductile Iron 12-Inch LF	SPV.0090.518 Water Main Ductile Iron 10-Inch LF	SPV.0090.509 Water Main Ductile Iron 8-Inch LF	SPV.0090.510 Water Main Ductile Iron 6-Inch LF	SPV.0090.511 WATER MAIN DUCTILE IRON 4 INCH LF	SPV.0090.512 Water Main Casing Pipe 30-Inch LF
	670+44.64	56.64'	RT	670+44.50	54.41'	RT	CENTER ST	-	-	-	1	-	-	-
	670+44.50	54.41'	RT	670+44.44	51.80'	RT	CENTER ST	-	-	-	2	-	-	-
	670+44.44	51.80'	RT	670+45.00	7.00'	LT	CENTER ST	58	-	-	-	-	-	-
	670+45.00	7.00'	LT	670+45.00	17.00'	LT	CENTER ST	8	-	-	-	-	-	-
	670+45.00	17.00'	LT	670+45.00	27.00'	LT	CENTER ST	8	-	-	-	-	-	-
	670+45.00	27.00'	LT	670+45.00	56.00'	LT	CENTER ST	28	-	-	-	-	-	-
	670+45.00	56.00'	LT	670+45.00	57.98'	LT	CENTER ST	-	-	-	1	-	-	-
	670+45.00	57.98'	LT	670+45.00	60.00'	LT	CENTER ST	-	-	-	1	-	-	-
	670+45.00	60.00'	LT	670+39.00	60.00'	LT	CENTER ST	-	-	-	-	4	-	-
	670+39.00	60.00'	LT	670+29.00	60.00'	LT	CENTER ST	-	-	-	-	10	-	-
	670+45.00	60.00'	LT	670+45.00	64.00'	LT	CENTER ST	-	-	-	3	-	-	-
TOTAL CATEGORY 1050, 3170-09-81								5364	28	4	151	233	1	40

WATER MAIN ABANDONMENT AND REMOVALS SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO	STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0060.510 Remove Existing Hydrant Assembly EACH	SPV.0060.511 Remove Existing Valve Box EACH	SPV.0060.512 Remove Existing Water Main Structure EACH	SPV.0060.513 Abandon Existing Water Main (6-Inch Dia And Less) EACH	SPV.0090.516 Abandon Existing Water Main (Greater Than 6-Inch Dia) LF
	620+57.00	58.00'	LT		**622+12.31**	43.42'	LT	STH 50	-	-	-	-	100
	620+78.13	71.02'	LT		-	-	-	STH 50	-	-	1	-	-
	621+21.33	48.46'	LT		-	-	-	STH 50	-	1	-	-	-
	621+11.20	49.60'	LT		**623+80.00**	33.24'	RT	STH 50	-	-	-	-	355
	623+80.00	33.24'	RT		**625+28.07**	48.50'	RT	STH 50	-	-	-	-	154
	625+35.16	46.94	RT						-	-	-	1	-
	625+64.58	29.25'	LT		-	-	-	STH 50	-	-	1	-	-
	626+64.61	26.35	RT		-	-	-	STH 50	-	-	-	1	-
	627+33.38	21.08	RT		-	-	-		-	-	-	1	-
	628+35.01	2.50	LT		-	-	-		-	-	-	1	-
	633+96.12	11.39	LT		-	-	-		-	-	-	1	-
	634+00.22	18.80'	LT		-	-	-	STH 50	1	-	-	-	-
	634+04.80	11.22	LT			-	-		-	-	-	1	-
	635+50.99	23.55	RT			-	-	STH 50	-	-	1		-
	637+61.06	10.56	LT			-	-		-	-	-	1	-
	637+68.49	10.58	LT			-	-		-	-	-	1	-
	638+92.43	9.55	LT		-	-	-	STH 50	-	-	-	1	-
	639+83.96	23.85	LT			-	-		-	1	-		-
	639+88.04	34.31'	LT		-	-	-	STH 50	-	1	-	-	-
	639+90.55	34.49'	LT		-	-	-	STH 50	1	-	-	-	-
	639+90.95	14.35	LT			-	-		-	-	-	1	-
	642+49.32	9.94'	LT		-	-	-	STH 50	-	1	-	-	-
	644+09.36	12.43	LT			-	-		-	-	-	1	-
	644+20.74	21.63'	LT		-	-	-	STH 50	-	1	-	-	-
	644+20.00	23.51'	LT		-	-	-	STH 50	1	-	-	-	-
	644+38.39	12.56	LT			-	-		-	-	-	1	-
	648+16.02	12.78	LT		-	-	-	STH 50	-	-	-	1	-
	648+27.71	42.72'	LT		-	-	-	STH 50	-	-	1	-	-
	648+78.29	22.48'	LT		-	-	-	STH 50	1	-	-	-	-
	648+78.33	17.51'	LT		-	-	-	STH 50	-	1	-	-	-
	648+85.46	12.74	LT		-	-	-		-	-	-	1	-
	652+49.37	9.32	LT		-	-	-		-	-	-	1	-
	652+53.81	22.47'	LT		-	-	-	STH 50	1	-	-	-	-
	666+74.59	23.68'	LT		-	-	-	STH 50	-	1	-	-	-
	666+74.59	23.68'	LT		**666+45.00**	24+74'	LT	STH 50	-	-	-	-	30
	666+50.00	24.42'	LT		**670+39.96**	23.71'	LT	STH 50	-	-	-	-	385

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WATER MAIN ABANDONMENT AND REMOVALS SUMMARY (Cont'd)

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO	STATION	OFFSET DIST.	OFFSET DIR.	LOCATION	SPV.0060.510 Remove Existing Hydrant Assembly EACH	SPV.0060.511 Remove Existing Valve Box EACH	SPV.0060.512 Remove Existing Water Main Structure EACH	SPV.0060.513 Abandon Existing Water Main (6-Inch Dia And Less) EACH	SPV.0090.516 Abandon Existing Water Main (Greater Than 6-Inch Dia) LF
	670+49.96	23.76'	LT		**674+20.00**	25.16'	LT	STH 50	-	-	-	-	370
	671+07.72	41.96'	LT		**-**	-	-	STH 50	1	-	-	-	-
	671+02.93	32.52	LT		**-**	-	-	STH 50	-	1	-	-	-
	673+82.18	25.62'	LT		**-**	-	-	STH 50	-	1	-	-	-
	673+82.26	35.85'	LT		**-**	-	-	STH 50	1	-	-	-	-
	674+34.00	25.17'	LT		**679+30.00**	20.00'	LT	STH 50	-	-	-	-	496
	675+07.26	25.53'	LT		**-**	-	-	STH 50	-	1	-	-	-
	676+78.29	31.42'	LT		**-**	-	-	STH 50	-	1	-	-	-
	676+80.19	31.58'	LT		**-**	**-**	**-**	STH 50	1	-	-	-	-
	676+95.46	18.92	RT		**-**	**-**	**-**		-	-	-	1	-
	676+99.66	25.16	RT		**-**	**-**	**-**		-	-	-	1	-
	679+40.00	20.00	LT		**681+48.00**	16.00	LT	STH 50	-	-	-	-	210
	680+70.99	15.49'	LT		**-**	-	-	STH 50	-	1	-	-	-
	TOTAL CATEGORY 1050, 3170-09-81								8	12	4	17	2100

WATER FITTINGS SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.521 Cross 16-Inch X 16-Inch EACH	SPV.0060.522 Tee 16-Inch X 16-Inch EACH	SPV.0060.523 Tee 16-Inch X 12-Inch EACH	SPV.0060.524 Tee 12-Inch X 6-Inch EACH	SPV.0060.525 Tee 16-Inch X 8-Inch EACH	SPV.0060.526 TEE 16-INCH X 6-INCH EACH	SPV.0060.527 Tee 8-Inch X 6-Inch EACH
	617+99.00	58.00'	LT	FOREST ST	-	1	-	-	-	-	-
	618+18.00	58.00'	LT	STH 50	-	-	-	-	-	1	-
	618+67.00	58.00'	LT	STH 50	-	1	-	-	-	-	-
	620+53.00	58.00'	LT	STH 50	-	-	-	-	-	1	-
	620+74.00	58.00'	LT	STH 50	-	1	-	-	-	-	-
	623+84.00	59.00'	LT	STH 50	-	-	-	-	1	-	-
	624+75.00	51.65'	LT	STH 50	-	-	-	-	-	1	-
	627+20.00	36.00'	LT	STH 50	-	1	-	-	-	-	-
	627+27.00	35.99'	LT	STH 50	-	-	-	-	-	1	-
	628+30.00	36.00'	LT	STH 50	-	1	-	-	-	-	-
	632+44.00	8.00'	RT	STH 50	-	-	-	-	-	1	-
	637+50.67	8.51'	RT	STH 50	-	-	-	-	-	1	-
	637+66.00	8.00'	RT	STH 50	-	-	-	-	-	1	-
	639+76.00	8.00'	LT	STH 50	-	1	-	-	-	-	-
	644+17.00	8.00'	LT	STH 50	-	-	-	-	-	1	-
	648+31.00	8.00'	LT	STH 50	-	1	-	-	-	-	-
	648+78.00	8.00'	LT	STH 50	-	-	-	-	-	1	-
	653+34.05	8.16'	LT	STH 50	-	-	-	1	-	-	-
	668+50.00	17.00'	LT	STH 50	-	1	-	-	-	-	-
	670+45.00	17.00'	LT	STH 50	1	-	-	-	-	-	-
	674+25.00	17.00'	LT	STH 50	-	-	-	-	-	1	-
	677+14.00	22.00'	RT	STH 50	-	-	1	-	-	-	-
	679+35.00	0.53'	LT	STH 50	-	-	-	-	-	1	-
	681+48.00	16.15'	LT	STH 50	-	-	1	-	-	-	-
	639+77.90	42.75'	LT	ELMWOOD AVE	-	-	-	-	-	-	1
	670+45.00	60.00'	LT	CENTER ST	-	-	-	-	-	-	1
UNDISTRIBUTED	-	-		-	-	-	-	-	-	-	-
TOTAL CATEGORY 1050, 3170-09-81					1	8	2	1	1	11	2

WATER BENDS SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.528 Bend 16-Inch EACH	SPV.0060.529 Bend 8-Inch EACH	SPV.0060.530 Bend 6-Inch EACH	SPV.0060.531 Reducer 16-Inch X 12-Inch EACH	SPV.0060.532 Reducer 16-Inch X 8-Inch EACH	SPV.0060.533 Reducer 8-Inch X 6-Inch EACH	SPV.0060.534 Reducer 8-Inch X 4-Inch EACH	SPV.0060.535 Cap 8-Inch EACH	SPV.0060.536 Plug 16-Inch EACH
	617+99.00	57.00'	LT	FOREST ST	-	-	-	-	-	-	-	-	1
	618+02.00	58.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	618+05.28	58.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	618+67.00	30.00'	RT	STH 50	-	-	-	-	1	-	-	-	-
	620+74.00	62.00'	LT	PEARSON DR	-	-	-	-	1	-	-	-	-
	620+74.00	68.00'	LT	PEARSON DR	-	-	-	-	-	1	-	-	-
	620+74.00	74.00'	LT	PEARSON DR	-	-	1	-	-	-	-	-	-
	620+74.00	77.00'	LT	PEARSON DR	-	-	1	-	-	-	-	-	-
	626+32.13	23.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	626+70.00	36.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	628+30.00	40.00'	LT	SKY LN DR	-	-	-	-	1	-	-	-	-
	628+30.00	44.00'	LT	SKY LN DR	-	1	-	-	-	-	-	-	-
	628+31.02	47.44'	LT	SKY LN DR	-	-	-	-	-	-	-	1	-
	628+30.00	8.00'	RT	STH 50	1	-	-	-	-	-	-	-	-
	638+79.00	9.00'	RT	STH 50	1	-	-	-	-	-	-	-	-
	638+97.00	8.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	644+36.00	9.50'	LT	STH 50	1	-	-	-	-	-	-	-	-
	653+28.15	8.09'	LT	STH 50	-	-	-	1	-	-	-	-	-
	666+53.00	22.00'	LT	STH 50	-	-	-	1	-	-	-	-	-
	666+60.00	22.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	666+66.00	17.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	675+24.00	17.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	675+30.19	17.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	676+09.00	17.00'	LT	STH 50	1	-	-	-	-	-	-	-	-
	676+48.00	21.99'	RT	STH 50	1	-	-	-	-	-	-	-	-
	677+80.04	22.01'	RT	STH 50	1	-	-	-	-	-	-	-	-
	678+01.85	0.20'	RT	STH 50	1	-	-	-	-	-	-	-	-
	681+48.00	0.00'	-	STH 50	1	-	-	-	-	-	-	-	-
	42+04.36	9.90'	RT	LAKEVIEW DR	-	-	-	-	-	-	1	-	-
	42+08.39	10.15'	RT	LAKEVIEW DR	-	-	-	-	1	-	-	-	-
	42+28.35	11.37'	RT	LAKEVIEW DR	1	-	-	-	-	-	-	-	-
	42+89.77	2.41'	LT	LAKEVIEW DR	1	-	-	-	-	-	-	-	-
	42+91.71	2.85'	LT	LAKEVIEW DR	1	-	-	-	-	-	-	-	-

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WATER BENDS SUMMARY (Cont'd)

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.528 Bend 16-Inch EACH	SPV.0060.529 Bend 8-Inch EACH	SPV.0060.530 Bend 6-Inch EACH	SPV.0060.531 Reducer 16-Inch X 12-Inch EACH	SPV.0060.532 Reducer 16-Inch X 8-Inch EACH	SPV.0060.533 Reducer 8-Inch X 6-Inch EACH	SPV.0060.534 Reducer 8-Inch X 4-Inch EACH	SPV.0060.535 Cap 8-Inch EACH	SPV.0060.536 Plug 16-Inch EACH
	639+76.00	27.00'	LT	ELMWOOD AVE	-	-	-	-	1	-	-	-	-
	639+76.00	34.40'	LT	ELMWOOD AVE	-	1	-	-	-	-	-	-	-
	639+79.43	49.66'	LT	ELMWOOD AVE	-	-	-	-	-	1	-	-	-
	639+79.95	52.02'	LT	ELMWOOD AVE	-	-	1	-	-	-	-	-	-
	639+88.25	56.54'	LT	ELMWOOD AVE	-	-	1	-	-	-	-	-	-
	648+27.95	51.80'	LT	MAXWELL ST	-	-	1	-	-	-	-	-	-
	648+31.00	46.01'	LT	MAXWELL ST	-	-	1	-	-	-	-	-	-
	648+31.00	43.00'	LT	MAXWELL ST	-	-	-	-	-	1	-	-	-
	648+31.00	36.97'	LT	MAXWELL ST	-	-	-	-	1	-	-	-	-
	648+30.99	31.76'	LT	MAXWELL ST	1	-	-	-	-	-	-	-	-
	648+30.98	9.66'	LT	MAXWELL ST	1	-	-	-	-	-	-	-	-
	670+44.64	56.64'	RT	CENTER ST	-	-	-	-	-	1	-	-	-
	670+44.44	51.80'	RT	CENTER ST	-	-	-	-	1	-	-	-	-
	670+45.00	56.00'	LT	CENTER ST	-	-	-	-	1	-	-	-	-
	670+45.00	64.00'	LT	CENTER ST	-	-	-	-	-	1	-	-	-
TOTAL CATEGORY 1050, 3170-09-81					22	2	6	2	8	5	1	1	1

WATER HYDRANT SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.515 HYDRANT EACH
	618+18.00	50.00'	LT	STH 50	1
	620+53.01	50.00'	LT	STH 50	1
	627+27.00	28.00'	LT	STH 50	1
	632+44.01	19.50'	RT	STH 50	1
	637+51.45	20.41'	RT	STH 50	1
	644+16.00	24.00'	LT	STH 50	1
	648+78.00	23.00'	LT	STH 50	1
	668+50.00	37.00'	LT	STH 50	1
	679+35.00	32.00'	LT	STH 50	1
	639+95.00	39.00'	LT	ELMWOOD AVE	1
	670+29.00	60.00'	LT	CENTER ST	1
UNDISTRIBUTED			-	-	-
TOTAL CATEGORY 1050, 3170-09-81					11

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WATER VALVES SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.516 Valve & Box 16-Inch EACH	SPV.0060.517 Valve & Box 12-Inch EACH	SPV.0060.518 Valve & Box 10 Inch EACH	SPV.0060.519 Valve & Box 8-Inch EACH	SPV.0060.520 Valve & Box 6-Inch EACH
	617+99.00	66.00'	LT	FOREST ST	-	-	1	-	-
	618+18.00	54.00'	LT	STH 50	-	-	-	-	1
	618+24.39	57.96'	LT	STH 50	1	-	-	-	-
	618+67.00	36.00'	RT	STH 50	-	-	-	1	-
	618+71.00	58.00'	LT	STH 50	1	-	-	-	-
	620+53.00	54.00'	LT	STH 50	-	-	-	-	1
	620+57.00	58.00'	LT	STH 50	1	-	-	-	-
	620+74.00	65.00'	LT	PEARSON DR	-	-	-	1	-
	623+80.00	33.00'	RT	STH 50	-	-	-	1	-
	624+70.00	52.23'	LT	STH 50	-	-	-	1	-
	624+74.61	48.67'	LT	STH 50	-	-	-	-	1
	627+16.00	36.00'	LT	STH 50	1	-	-	-	-
	627+23.00	36.00'	LT	STH 50	1	-	-	-	-
	627+27.00	32.00'	LT	STH 50	-	-	-	-	1
	628+30.00	42.00'	LT	SKY LN DR	-	-	-	1	-
	632+40.55	8.00'	RT	STH 50	1	-	-	-	-
	632+44.00	11.00'	RT	STH 50	-	-	-	-	1
	637+42.76	8.51'	RT	STH 50	1	-	-	-	-
	637+51.29	16.76'	RT	STH 50	-	-	-	-	1
	637+66.00	5.00'	RT	STH 50	-	-	-	-	1
	637+69.00	8.00'	RT	STH 50	1	-	-	-	-
	639+83.00	8.00'	LT	STH 50	1	-	-	-	-
	644+16.81	11.00'	LT	STH 50	-	-	-	-	1
	644+20.00	8.21'	LT	STH 50	1	-	-	-	-

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WATER VALVES SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	SPV.0060.516 Valve & Box 16-Inch EACH	SPV.0060.517 Valve & Box 12-Inch EACH	SPV.0060.518 Valve & Box 10 Inch EACH	SPV.0060.519 Valve & Box 8-Inch EACH	SPV.0060.520 Valve & Box 6-Inch EACH
	648+78.00	20.00'	LT	STH 50	-	-	-	-	1
	648+81.00	8.00'	LT	STH 50	1	-	-	-	-
	653+34.00	12.00'	LT	STH 50	-	-	-	-	1
	653+37.00	8.14'	LT	STH 50	-	1	-	-	-
	668+50.00	21.00'	LT	STH 50	-	-	-	-	1
	670+35.00	17.00'	LT	STH 50	1	-	-	-	-
	670+55.00	17.00'	LT	STH 50	1	-	-	-	-
	674+20.00	17.00'	LT	STH 50	1	-	-	-	-
	674+25.00	12.00'	LT	STH 50	-	-	-	-	1
	675+20.00	17.00'	LT	STH 50	1	-	-	-	-
	676+05.00	17.00'	LT	STH 50	1	-	-	-	-
	677+14.00	43.80'	RT	SOUTH LAKESHORE DR	-	1	-	-	-
	679+35.00	24.00'	LT	STH 50	-	-	-	-	1
	681+48.00	6.00'	LT	STH 50	1	-	-	-	-
	42+06.52	10.03'	RT	LAKEVIEW DR	-	-	-	1	-
	639+90.92	39.89'	LT	ELMWOOD AVE	-	-	-	-	1
	639+78.76	46.65'	LT	ELMWOOD AVE	-	-	-	1	-
	648+31.00	39.95'	LT	MAXWELL ST	-	-	-	1	-
	670+44.50	54.41'	RT	CENTER ST	-	-	-	1	-
	670+45.00	7.00'	LT	CENTER ST	1	-	-	-	-
	670+45.00	27.00'	LT	CENTER ST	1	-	-	-	-
	670+45.00	57.98'	LT	CENTER ST	-	-	-	1	-
	670+39.00	60.00'	LT	CENTER ST	-	-	-	-	1
UNDISTRIBUTED					-	-	-	-	-
TOTAL CATEGORY 1050, 3170-09-81					19	2	1	10	15

WATER SERVICE SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.537 Corporation, Curb Stop, Box & Reconnect 2-Inch EACH	SPV.0060.538 Corporation, Curb Stop, Box & Reconnect 1.5-Inch EACH	SPV.0060.539 Corporation, Curb Stop, Box & Reconnect 1-Inch EACH	SPV.0090.513 Water Service Cst SDR 9 - 2-Inch LF	SPV.0090.514 Water Service Cst SDR 9 - 1.5-Inch LF	SPV.0090.515 Water Service Cst SDR 9 - 1-Inch LF
	622+36.69	65.33'	LT	-	-	1	-	-	6
	623+73.57	66.02'	LT	-	-	1	-	-	8
	625+25.95	74.00'	RT	1	-	-	116	-	-
	625+67.59	44.06'	LT	-	1	-	-	7	-
	627+87.52	45.46'	LT	-	-	1	-	-	9
	627+96.52	25.51'	RT	-	1	-	-	66	-
	629+68.16	21.33'	LT	-	-	1	-	-	30
	631+00.05	29.37'	LT	-	-	1	-	-	42
	631+12.01	25.48'	RT	-	1	-	-	18	-
	631+67.77	24.81'	RT	-	1	-	-	17	-
	632+09.03	19.69'	LT	-	1	-	-	42	-
	633+13.46	17.25'	RT	-	1	-	-	9	-
	633+41.30	27.40'	RT	-	1	-	-	19	-
	634+13.81	24.74'	RT	-	1	-	-	15	-
	634+60.21	24.55'	RT	-	1	-	-	16	-
	634+64.77	24.67'	RT	-	1	-	-	16	-
	637+29.82	19.87'	LT	-	-	1	-	-	34
	637+58.12	20.02'	RT	-	1	-	-	11	-
	638+00.32	20.27'	RT	-	1	-	-	10	-
	638+29.33	18.74'	LT	-	-	1	-	-	28
	369+77.38	20.11'	RT	-	1	-	-	28	-
	639+81.74	20.10'	RT	-	1	-	-	28	-
	640+89.13	19.62'	LT	-	-	1	-	-	16
	641+38.31	29.73'	RT	-	1	-	-	36	-
	642+87.84	16.87'	RT	-	1	-	-	21	-
	643+46.39	16.83'	RT	-	1	-	-	21	-
	644+07.42	20.77'	LT	-	-	1	-	-	13
	644+79.95	38.31'	LT	1	-	-	32	-	-
	644+95.25	27.59'	RT	-	1	-	-	32	-
	644+96.09	27.30'	RT	-	1	-	-	32	-
	645+02.41	24.05'	LT	-	-	1	-	-	19
	645+96.13	25.03'	LT	-	-	1	-	-	22
	646+08.04	46.77'	RT	-	1	-	-	49	-
	646+37.82	22.05'	LT	-	-	1	-	-	18
	646+86.98	58.99'	RT	-	1	-	-	63	-
	647+16.75	22.69'	LT	-	-	1	-	-	17
	647+87.26	22.62'	LT	-	-	1	-	-	15

CONTINUED ON NEXT PAGE

WATER SERVICE SUMMARY (Cont'd)

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.537 Corporation, Curb Stop, Box & Reconnect 2-Inch EACH	SPV.0060.538 Corporation, Curb Stop, Box & Reconnect 1.5-Inch EACH	SPV.0060.539 Corporation, Curb Stop, Box & Reconnect 1-Inch EACH	SPV.0090.513 Water Service Cst SDR 9 - 2-Inch LF	SPV.0090.514 Water Service Cst SDR 9 - 1.5-Inch LF	SPV.0090.515 Water Service Cst SDR 9 - 1-Inch LF
	648+78.70	38.37'	RT	1	-	-	46	-	-
	649+02.07	23.03'	LT	-	-	1	-	-	14
	650+19.34	24.29'	LT	-	-	1	-	-	16
	650+92.25	25.13'	LT	-	-	1	-	-	17
	652+02.87	26.47'	LT	-	-	1	-	-	19
	652+58.93	28.20'	LT	-	-	1	-	-	20
	667+00.34	35.89'	LT	-	1	-	-	19	-
	667+30.82	38.02'	LT	-	-	1	-	-	19
	667+51.90	38.29'	LT	-	1	-	-	21	-
	667+76.60	38.16'	LT	-	-	1	-	-	20
	667+98.95	36.92'	LT	-	-	1	-	-	20
	668+09.09	38.75'	LT	-	-	1	-	-	22
	668+26.01	37.70'	RT	-	-	1	-	-	55
	668+36.80	40.22'	LT	-	-	1	-	-	23
	668+67.99	38.97'	LT	-	-	1	-	-	22
	668+74.77	37.26'	LT	-	-	1	-	-	20
	668+94.16	40.09'	RT	-	-	1	-	-	57
	668+95.45	41.72'	LT	-	-	1	-	-	25
	669+19.13	38.59'	LT	-	-	1	-	-	22
	669+36.76	38.67'	LT	-	-	1	-	-	22
	669+56.14	39.61'	LT	-	-	1	-	-	23
	672+58.86	40.96'	LT	1	-	-	24	-	-
	672+85.10	39.18'	LT	1	-	-	22	-	-
	673+43.63	35.60'	RT	-	1	-	-	52	-
	674+10.81	39.57'	RT	-	1	-	-	56	-
	674+30.38	37.69'	LT	-	1	-	-	21	-
	674+68.53	33.61'	LT	-	1	-	-	16	-
	678+25.89	26.47'	LT	-	-	1	-	-	27
	679+49.20	29.66'	LT	-	-	1	-	-	29
	680+71.30	23.28'	RT	-	1	-	-	-	24
UNDISTRIBUTED				-			-		
TOTAL CATEGORY 1050, 3170-09-81				5	28	34	240	741	793

WATER ADJUSTMENTS SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.544 Adjust Existing Water Main Valve Box And Lid EACH	SPV.0060.545 Replace Water Main Valve Box And Lid EACH
	656+96.58	10.43	LT	1	-
	656+99.63	7.44	LT	1	-
	657+58.40	9.74	LT	1	-
	661+09.20	16.55	LT	1	-
	661+69.52	13.46	LT	1	-
	661+83.75	20.91	LT	1	-
	665+86.83	23.5	LT	1	-
	665+86.88	16.18	LT	1	-
	665+86.70	57.33	RT	1	-
	677+15.77	49.11	RT	1	-
	677+64.95	7.58	RT	1	-
	682+24.53	16.80	LT	1	-
	682+44.23	17.84	LT	1	-
	682+73.29	17.94	LT	1	-
	UNDISTRIBUTED			-	7
TOTAL CATEGORY 1050, 3170-09-81				14	7

WATER INSULATION

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0165.501 4 ft X 8 ft Insulation Board Polystyrene 2-Inch Thick (Watermain) SF
	UNDISTRIBUTED			512
TOTAL CATEGORY 1050, 3170-09-81				512

WATER ADJUSTMENTS SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0060.544 Adjust Existing Water Main Valve Box And Lid EACH	SPV.0060.545 Replace Water Main Valve Box And Lid EACH	SPV.0060.548 Abandon Existing Water Valve Manhole EACH	SPV.0060.549 Adjust Existing Water Main Manhole And Lid EACH
	684+21.16	15.70	LT	1	-	-	-
	686+68.82	12.2	LT	1	-	-	-
	687+26.41	18.55	LT	1	-	-	-
	687+76.65	16.83	LT	1	-	-	-
	687+76.83	13.03	LT	1	-	-	-
	690+25.22	18.76	LT	1	-	-	-
	692+18.56	29.22	LT	1	-	-	-
	692+21.94	17.74	LT	1	-	-	-
	692+23.29	19.26	LT	1	-	-	-
	692+26.10	14.33	LT	1	-	-	-
	692+21.94	17.74	LT	1	-	-	-
	692+23.29	19.26	LT	1	-	-	-
	692+26.10	14.33	LT	1	-	-	-
	692+23.65	53.55	RT	1	-	-	-
	699+06.75	28.07	LT		-	-	1
	709+10.27	23.78	LT	1	-	-	
	709+11.58	22.74	LT	1	-	-	-
	710+97.06	24.35	LT		-	-	1
	714+49.40	21.98	LT	1	-	-	-
	718+83.00	25.89	LT	1	-	-	-
	719+73.39	45.58	LT		-	1	-
	UNDISTRIBUTED			-	-	-	-
TOTAL CATEGORY 1050, 3170-09-70				18	9	1	2

WATER INSULATION

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	SPV.0165.501 4 ft X 8 ft Insulation Board Polystyrene 2-Inch Thick (Watermain) SF
	UNDISTRIBUTED			224
TOTAL CATEGORY 1050, 3170-09-70				224

REMOVING ASPHALT SUMMARY

CATEGORY	STATION	TO	STATION	STREET	* 690.0150 Sawcut Asphalt LF	* 204.0110 Removing Asphaltic Surface SY
	652+49.37		653+43.71	STH 50	213	120
	40+98.94		41+93.27	LAKEVIEW DR	213	126
	639+80.81		640+15.79	ELMWOOD AVE	400	245
SUBTOTAL CATEGORY 4010 3170-09-71					**826**	**491**

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

TRENCH INFILL SUMMARY

CATEGORY	STATION	TO	STATION	STREET	AREA SY	* 313.0115 Pit Run CY	* 645.0220 Geogrid Type Sr SY	* 305.0120 Base Aggregate Dense 1 1/4-Inch TON
	652+49.37		653+43.71	STH 50	120	53	120	87
	40+98.94		41+93.27	LAKEVIEW DR	126	56	126	44
	639+80.81		640+15.79	ELMWOOD AVE	245	109	245	85
SUBTOTAL CATEGORY 4010 3170-09-71						**218**	**491**	**215**

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

HMA PAVEMENT SUMMARY

CATEGORY	STATION	TO	STATION	AREA SY	STREET	THICKNESS IN	* 455.0605 Tack Coat GAL	* 460.6424 HMA Pavement 4 MT 58-28 H TON
	652+49.37		653+43.71	120	STH 50	6.25	6.0	89
	40+98.94		41+93.27	126	LAKEVIEW DR	6.25	6	93
	639+80.81		640+15.79	145	ELMWOOD AVE	6.25	7	107
SUBTOTAL CATEGORY 4010 3170-09-71							**20**	**288**

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

RESTORATION SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	STREET	* 625.0100 Topsoil SY	* 630.0140 Seeding Mixture No. 40 LB	* 629.0210 Fertilizer Type B CWT	* 628.2008 Erosion Mat Urban Class 1 Type B SY
	653+34.00	23.00'	LT	STH 50	28	1.3	0.02	28
	639+71.61	148.18'	LT	LAKEWOOD AVE	165	7.4	0.1	165
	639+84.13	205.30'	LT	LAKEWOOD AVE	165	7.4	0.1	165
	640+05.03	92.09'	LT	LAKEWOOD AVE	144	6.5	0.09	144
	640+28.56	207.20'	LT	LAKEWOOD AVE	160	7.2	0.1	160
SUBTOTAL CATEGORY 4010 3170-09-71					**662**	**30**	**0.41**	**662**

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

CURB & GUTTER SUMMARY

CATEGORY	STATION	OFFSET DIST.	OFFSET DIR.	TO	STATION	OFFSET DIST.	OFFSET DIR.	STREET	* 204. 0150 Remove Concrete Curb & Gutter LF	* 601.0411 Concrete Curb And Gutter 30-Inch Type D LF
	653+33.51	14.25'	LT		653+43.71	14.25'	LT	STH 50	10	10
	639+79.53	141.58'	LT		639+81.67	151.20'	LT	LAKEVIEW DR	10	10
	639+90.99	198.97'	LT		639+93.01	208.71'	LT	LAKEVIEW DR	10	10
	639+95.82	89.66'	LT		639+97.66	98.52'	LT	LAKEVIEW DR	10	10
	640+19.32	203.51'	LT		640+20.94	213.19'	LT	LAKEVIEW DR	10	10
SUBTOTAL CATEGORY 4010 3170-09-71									**50**	**50**

*ADDITIONAL QUANTITY SHOWN ELSEWHERE

STH 50 (MAIN ST) & COOK ST / WRIGLEY DR

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

3

3

TRAFFIC SIGNAL REMOVALS

LOCATION	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.601 REMOVING TRAFFIC SIGNALS EACH	653.0905 REMOVING PULL BOXES EACH
SB1	1	--	--
SB2	1	--	--
SB3	1	--	--
SB4	1	--	--
SB5	1	--	--
SB6	1	--	--
SB7	1	--	--
SB8	1	--	--
SB9	1	--	--
CB1	1	--	--
PB1	--	--	1
PB2	--	--	1
PB3	--	--	1
PB4	--	--	1
PB5	--	--	1
STH 50 & COOK ST	--	1	--
TOTAL 1060	10	1	5

TRAFFIC SIGNAL CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1	PB1	--	20
PB1	SB1	--	8
PB1	SB2	27	--
PB1	PB2	--	170
PB2	SB3	--	12
PB2	SB4	12	--
PB2	PB3	--	126
PB3	SB5	12	--
PB3	SB6	11	--
PB3	PB4	--	176
PB4	SB7	--	28
PB4	SB8	8	
PB4	PB1	--	106
TOTAL 1060		70	646

TRAFFIC SIGNAL FACES

SIGNAL BASE	SIGNAL	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
SB1	3S HEAD 13	1	--	--
	P21	--	--	1
SB2	3S HEAD 1	1	--	--
	4S HEAD 9	--	1	--
	P14	--	--	1
SB3	4S HEAD 10	--	1	--
	3S HEAD 7	1	--	--
	3S HEAD 8	1	--	--
	P15	--	--	1
SB4	P16	--	--	1
	3S HEAD 11	1	--	--
SB5	P17	--	--	1
SB6	P18	--	--	1
	3S HEAD 6	1	--	--
	4S HEAD 4	--	1	--
SB7	4S HEAD 5	--	1	--
	3S HEAD 2	1	--	--
	3S HEAD 3	1	--	--
	P19	--	--	1
SB8	3S HEAD 12	1	--	--
	P20	--	--	1
TOTAL 1060		9	4	8

BLACK PAINT FOR SIGNAL & LIGHTING MATERIALS

LOCATION		SPV.0060.634 BLACK PAINT FOR SIGNAL & LIGHTING MATERIALS EACH
PROJECT ID 3170-09-71		1
	TOTAL 4000	1

TRAFFIC SIGNAL PULL BOXES

LOCATION	STATION	OFFSET	653.0140 PULL BOXES STEEL 24X42-INCH EACH
PB1	STA 661+31.6,	45.2' RT	1
PB2	STA 661+28.0,	39.1' LT	1
PB3	STA 661+90.6,	39.1' LT	1
PB4	STA 661+83.7,	47.9' RT	1
		TOTAL 1060	4

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 535	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

3

TRAFFIC SIGNAL BASES POLES

STATION	OFFSET	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	657.0100 PEDESTAL BASES EACH	657.0345 POLES TYPE 9 EACH	657.0347 POLES TYPE 9-SPECIAL EACH	657.0352 POLES TYPE 10-SPECIAL EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	657.0525 MONOTUBE ARMS 25-FT EACH	657.0536 MONOTUBE ARMS 35-FT SPECIAL EACH	657.0808 LUMINAIRE ARMS STEEL 8-FT EACH	659.1125 LUMINAIRES UTILITY LED C EACH	** ACCESSIBLE PEDESTRIAN PUSH BUTTONS EACH
STA 661+26.3,	40.5' RT	SB1	--	1	--	--	1	--	--	--	--	--	1	--	--	--	1
STA 661+18.2,	21.8' RT	SB2	1	--	--	1	--	--	--	--	1	--	--	--	--	--	1
STA 661+17.9,	38.3' LT	SB3	--	--	1	--	--	--	1	--	--	--	--	1	1	1	1
STA 661+25.3,	49.8' LT	SB4	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
STA 661+93.8,	50.6' LT	SB5	1	--	--	1	--	--	--	--	--	1	--	--	--	--	1
STA 662+00.9,	42.3' LT	SB6	1	--	--	1	--	--	--	--	1	--	--	--	--	--	1
STA 662+00.9,	26.5' RT	SB7	--	--	1	--	--	1	--	--	--	--	--	1	--	--	1
STA 661+90.9,	45.3' RT	SB8	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
		TOTAL 1060	5	1	2	5	1	1	1	2	2	1	1	2	1	1	8

** FOR INFORMATION ONLY/INCIDENTAL TO ITEM SPV.0060.628

TRAFFIC SIGNAL MISC

FROM	TO	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	656.0201.601 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) EACH	658.5070.601 SIGNAL MOUNTING HARDWARE (LOCATION) EACH	661.0201.601 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300 GENERATORS DAY	SPV.0060.600 TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.624 RADIO INTERCONNECT SYSTEM EACH	SPV.0060.628 ACCESSIBLE PEDESTRIAN PUSH BUTTON SYSTEM EACH	SPV.0060.618 VIDEO DETECTION SYSTEM EACH	SPV.0060.606 EMERGENCY VEHICLE PREEMPTION SYSTEM EACH	SPV.0060.612 TEMPORARY INFRARED EVP SYSTEM EACH	678.0501 COMMUNICATION SYSTEM TESTING EACH
CB1 STA 661+27.5, 54.1' RT		1	--	--	--	--	1	--	--	--	--	--	--
STH 50 & COOK ST		--	1	1	1	1	--	1	1	1	1	1	1
	TOTAL 1060	1	1	1	1	1	1	1	1	1	1	1	1

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & COOK ST / WRIGLEY DR

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

TRAFFIC SIGNAL CABLES

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0900 EVP DETECTOR CABLE LF	(INCIDENTAL) DETECTION CABLE LF
CABINET TO SIGNAL BASE								
CB1	SB1	--	--	56	--	--	116	116
CB1	SB2	--	--	75	--	--	--	--
CB1	SB3	--	--	160	160	--	215	215
CB1	SB4	--	--	160	--	--	--	--
CB1	SB5	--	--	231	--	--	--	--
CB1	SB6	--	--	230	--	--	--	--
CB1	SB7	--	--	144	--	--	199	199
CB1	SB8	--	--	124	--	--	--	--
SIGNAL BASE TO HEAD								
SB1	HEAD 13	50	--	--	--	--	--	--
SB1	HEAD 21	15	--	--	--	--	--	--
SB2	HEAD 1	21	--	--	--	--	--	--
SB2	HEAD 9	--	22	--	--	--	--	--
SB2	HEAD 14	15	--	--	--	--	--	--
SB3	HEAD 7	55	--	--	--	--	--	--
SB3	HEAD 8	55	--	--	--	--	--	--
SB3	HEAD 10	--	56	--	--	--	--	--
SB3	HEAD 15	15	--	--	--	--	--	--
SB4	HEAD 11	19	--	--	--	--	--	--
SB4	HEAD 16	15	--	--	--	--	--	--
SB5	HEAD 17	15	--	--	--	--	--	--
SB6	HEAD 4	--	22	--	--	--	--	--
SB6	HEAD 6	21	--	--	--	--	--	--
SB6	HEAD 18	15	--	--	--	--	--	--
SB7	HEAD 2	60	--	--	--	--	--	--
SB7	HEAD 3	60	--	--	--	--	--	--
SB7	HEAD 5	--	61	--	--	--	--	--
SB7	HEAD 19	15	--	--	--	--	--	--
SB8	HEAD 12	19	--	--	--	--	--	--
SB8	HEAD 20	15	--	--	--	--	--	--
SB3	LUM	--	--	--	--	144	--	--
	TOTAL 1060	480	161	1,180	160	144	530	530

TRAFFIC SIGNALS GROUNDING CABLE

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB1	56
SB1	SB2	66
SB2	SB3	170
SB3	SB4	55
SB4	SB5	133
SB5	SB6	54
SB6	SB7	173
SB7	SB8	67
SB8	CB1	124
PB1	SB1	31
PB2	SB3	35
PB3	SB6	34
PB4	SB8	31
	TOTAL 1060	1,029

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM PLOT BY : DAVID TOMPKINS PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & BROAD ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

3

TRAFFIC SIGNAL REMOVALS

LOCATION	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.602 REMOVING TRAFFIC SIGNALS EACH	653.0905 REMOVING PULL BOXES EACH
SB1	1	--	--
SB2	1	--	--
SB3	1	--	--
SB4	1	--	--
SB5	1	--	--
SB6	1	--	--
SB7	1	--	--
SB8	1	--	--
PB1	--	--	1
PB2	--	--	1
PB3	--	--	1
PB4	--	--	1
CB1	1	--	--
STH 50 & BROAD ST	--	1	--
TOTAL 1060	9	1	4

TRAFFIC SIGNAL CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1	PB1	--	10
PB1	SB1	--	28
PB1	SB2	13	--
PB1	PB2	--	148
PB2	SB3	--	7
PB3	SB4	5	--
PB2	PB3	--	54
PB3	PB4	--	146
PB4	SB5	--	5
PB4	SB6	22	--
PB4	PB5	--	184
PB5	SB7	--	4
PB5	SB8	20	--
PB5	PB1	--	226
TOTAL 1060		60	812

TRAFFIC SIGNAL PULL BOXES

LOCATION	STATION	OFFSET	653.0140 PULL BOXES STEEL 24X42-INCH EACH
PB1	STA 666+70.0,	34.4' LT	1
PB2	STA 666+69.2,	39.4' RT	1
PB3	STA 666+46.9,	54.1' RT	1
PB4	STA 665+74.6,	54.5' RT	1
PB5	STA 665+57.6,	35.8' LT	1
		TOTAL 1060	5

TRAFFIC SIGNAL FACES

SIGNAL BASE	TO	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
SB1	4S HEAD 15	--	1	--
	3S HEAD 12	1	--	--
	3S HEAD 13	1	--	--
	P HEAD 28	--	--	1
SB2	3S HEAD 6	1	--	--
	4S HEAD 4	--	1	--
	P HEAD 21	--	--	1
SB3	4S HEAD 5	--	1	--
	3S HEAD 2	1	--	--
	3S HEAD 3	1	--	--
	P HEAD 22	--	--	1
SB4	3S HEAD 11	1	--	--
	4S HEAD 19	--	1	--
	P HEAD 23	--	--	1
SB5	4S HEAD 20	--	1	--
	3S HEAD 17	1	--	--
	3S HEAD 18	1	--	--
	P HEAD 24	--	--	1
SB6	3S HEAD 1	1	--	--
	4S HEAD 9	--	1	--
	P HEAD 25	--	--	1
SB7	4S HEAD 10	--	1	--
	3S HEAD 7	1	--	--
	3S HEAD 8	1	--	--
	P HEAD 26	--	--	1
SB8	3S HEAD 16	1	--	--
	4S HEAD 14	--	1	--
	P HEAD 27	--	--	1
	TOTAL 1060	12	8	8

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & BROAD ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

3

3

TRAFFIC SIGNAL BASES POLES

STATION	OFFSET	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	657.0100 PEDESTAL BASES EACH	657.0347 POLES TYPE 9-SPECIAL EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0536 MONOTUBE ARMS 35-FT SPECIAL EACH	657.0541 MONOTUBE ARMS 40-FT SPECIAL EACH	** ACCESSIBLE PEDESTRIAN PUSH BUTTONS EACH
STA 666+48.1,	50.2' LT	SB1	--	1	--	1	--	--	1	1
STA 666+58.5,	38.7' LT	SB2	1	--	1	--	1	--	--	1
STA 666+62.5,	39.6' RT	SB3	--	1	--	1	--	--	1	1
STA 666+48.8,	50.2' RT	SB4	1	--	1	--	1	--	--	1
STA 665+71.4,	50.9' RT	SB5	--	1	--	1	--	--	1	1
STA 665+61.1,	39.9' RT	SB6	1	--	1	--	1	--	--	1
STA 665+60.7,	37.9' LT	SB7	--	1	--	1	--	1	--	1
STA 665+70.5,	50.4' LT	SB8	1	--	1	--	1	--	--	1
		TOTAL 1060	4	4	4	4	4	1	3	8

** FOR INFORMATION ONLY / INCIDENTAL TO ITEM SPV.0060.629

TRAFFIC SIGNAL MISC

FROM	TO	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	656.0201.602 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) EACH	658.5070.602 SIGNAL MOUNTING HARDWARE (LOCATION) EACH	661.0201.602 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300 GENERATORS DAY	SPV.0060.601 TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.625 RADIO INTERCONNECT SYSTEM EACH	SPV.0060.629 ACCESSIBLE PEDESTRIAN PUSH BUTTON SYSTEM EACH	SPV.0060.619 VIDEO DETECTION SYSTEM EACH	SPV.0060.607 EMERGENCY VEHICLE PREEMPTION SYSTEM EACH	SPV.0060.613 TEMPORARY INFRARED EVP SYSTEM EACH
CB1 STA 666+68.8, 38.4' LT		1	--	--	--	--	1	--	--	--	--	--
STH 50 & BROAD ST		--	1	1	1	1	--	1	1	1	1	1
	TOTAL 1060	1	1	1	1	1	1	1	1	1	1	1

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 539	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & BROAD ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

3

3

TRAFFIC SIGNAL CABLES

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	(INCIDENTAL) VIDEO DETECTION CABLE LF
CABINET TO SIGNAL BASE						
CB1	SB1	--	--	71	146	146
CB1	SB2	--	--	56	--	--
CB1	SB3	--	--	139	199	199
CB1	SB4	--	--	179	--	--
CB1	SB5	--	--	267	297	297
CB1	SB6	--	--	284	--	--
CB1	SB7	--	--	175	230	230
CB1	SB8	--	--	191	--	--
SIGNAL BASE TO HEAD						
SB1	HEAD 12	65	--	--	--	--
SB1	HEAD 13	65	--	--	--	--
SB1	HEAD 15	--	66	--	--	--
SB1	HEAD 28	15	--	--	--	--
SB2	HEAD 4	--	22	--	--	--
SB2	HEAD 6	21	--	--	--	--
SB2	HEAD 21	15	--	--	--	--
SB3	HEAD 2	65	--	--	--	--
SB3	HEAD 3	65	--	--	--	--
SB3	HEAD 5	66	--	--	--	--
SB3	HEAD 22	15	--	--	--	--
SB4	HEAD 11	21	--	--	--	--
SB4	HEAD 19	--	22	--	--	--
SB4	HEAD 23	15	--	--	--	--
SB5	HEAD 17	65	--	--	--	--
SB5	HEAD 18	65	--	--	--	--
SB5	HEAD 20	--	66	--	--	--
SB5	HEAD 24	15	--	--	--	--
SB6	HEAD 1	21	--	--	--	--
SB6	HEAD 9	--	22	--	--	--
SB6	HEAD 25	15	--	--	--	--
SB7	HEAD 7	60	--	--	--	--
SB7	HEAD 8	60	--	--	--	--
SB7	HEAD 10	--	61	--	--	--
SB7	HEAD 26	15	--	--	--	--
SB8	HEAD 14	--	22	--	--	--
SB8	HEAD 16	21	--	--	--	--
SB8	HEAD 27	15	--	--	--	--
	TOTAL 1060	780	281	1,362	872	872

TRAFFIC SIGNALS GROUNDING CABLE

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB2	56
SB2	SB3	140
SB3	SB4	85
SB4	SB5	129
SB5	SB6	58
SB6	SB7	164
SB7	SB8	55
SB8	SB1	207
SB1	CB1	71
PB1	CB1	35
PB2	SB3	30
PB3	SB4	28
PB4	SB5	28
PB5	SB7	27
	TOTAL 1060	1,113

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 540	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & CENTER ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

3

TRAFFIC SIGNAL REMOVALS

LOCATION	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.603 REMOVING TRAFFIC SIGNALS EACH	653.0905 REMOVING PULL BOXES EACH
SB1	1	--	--
SB2	1	--	--
SB3	1	--	--
SB4	1	--	--
SB5	1	--	--
SB6	1	--	--
SB7	1	--	--
SB8	1	--	--
PB1	--	--	1
PB2	--	--	1
PB3	--	--	1
PB4	--	--	1
PB5	--	--	1
CB1	1	--	--
STH 50 & CENTER ST	--	1	--
TOTAL 1060	9	1	5

TRAFFIC SIGNAL CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1	PB1	--	10
CB1	PB5	--	16
PB5	SB1	--	25
PB5	SB2	12	--
PB5	SB9	21	--
PB1	PB2	--	156
PB2	SB3	--	7
PB2	SB4	21	--
PB2	SB10	11	--
PB2	PB3	--	196
PB3	SB5	--	22
PB3	SB6	7	--
PB3	PB4	--	144
PB4	SB7	4	--
PB4	SB8	23	--
PB4	PB5	--	198
TOTAL 1060		99	774

TRAFFIC SIGNAL PULL BOXES

LOCATION	STATION	OFFSET	653.0140 PULL BOXES STEEL 24X42-INCH EACH
PB1	STA 671+17.4,	39.0' LT	1
PB2	STA 671+11.5,	38.7' RT	1
PB3	STA 670+13.8,	35.7' RT	1
PB4	STA 670+14.1,	36.3' LT	1
PB5	STA 671+12.5,	41.2' LT	1
		TOTAL 1060	5

TRAFFIC SIGNAL FACES

SIGNAL BASE	SIGNAL	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
SB1	4S HEAD 15	--	1	--
	3S HEAD 12	1	--	--
	3S HEAD 13	1	--	--
	P HEAD 28	--	--	1
SB2	3S HEAD 6	1	--	--
	4S HEAD 4	--	1	--
	P HEAD 21	--	--	1
SB3	4S HEAD 5	--	1	--
	3S HEAD 2	1	--	--
	3S HEAD 3	1	--	--
	P HEAD 22	--	--	1
SB4	3S HEAD 11	1	--	--
	4S HEAD 19	--	1	--
	P HEAD 23	--	--	1
SB5	4S HEAD 20	--	1	--
	3S HEAD 17	1	--	--
	3S HEAD 18	1	--	--
	P HEAD 24	--	--	1
SB6	3S HEAD 1	1	--	--
	4S HEAD 9	--	1	--
	P HEAD 25	--	--	1
SB7	4S HEAD 10	--	1	--
	3S HEAD 7	1	--	--
	3S HEAD 8	1	--	--
	P HEAD 26	--	--	1
SB8	3S HEAD 16	1	--	--
	4S HEAD 14	--	1	--
	P HEAD 27	--	--	1
	TOTAL 1060	12	8	8

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

3

3

TRAFFIC SIGNAL BASES POLES

STATION	OFFSET	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	657.0100 PEDESTAL BASES EACH	657.0350 POLES TYPE 10 EACH	657.0352 POLES TYPE 10-SPECIAL EACH	657.0405 TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FT EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	657.0530 MONOTUBE ARMS 30-FT EACH	657.0536 MONOTUBE ARMS 35-FT SPECIAL EACH	657.0541 MONOTUBE ARMS 40-FT SPECIAL EACH	657.0808 LUMINAIRE ARMS STEEL 8-FT EACH	659.1125 LUMINAIRES UTILITY LED C EACH	** ACCESSIBLE PEDESTRIAN PUSH BUTTONS EACH
STA 670+91.7,	54.1' LT	SB1	--	1	--	--	1	--	--	--	--	1	--	--	1	--	--
STA 671+01.3,	42.3' LT	SB2	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
STA 671+06.9,	33.4' RT	SB3	--	1	--	--	1	--	--	--	--	1	--	--	1	1	--
STA 670+94.7,	50.4' RT	SB4	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
STA 670+28.5,	51.6' RT	SB5	--	--	1	--	--	1	--	--	--	--	1	--	1	--	1
STA 670+19.3,	38.8' RT	SB6	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
STA 670+17.2,	38.6' LT	SB7	--	--	1	--	--	1	--	--	--	--	--	1	1	--	1
STA 670+28.0,	50.5' LT	SB8	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
STA 670+93.6,	49.8' LT	SB9	1	--	--	1	--	--	1	--	--	--	--	--	--	--	1
STA 671+01.4,	41.2' RT	SB10	1	--	--	1	--	--	--	--	1	--	--	--	--	--	1
		TOTAL 1060	6	2	2	6	2	2	1	4	1	2	1	1	4	1	8

** FOR INFORMATION ONLY / INCIDENTAL TO ITEM SPV.0060.630

TRAFFIC SIGNAL MISC

FROM	TO	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	656.0201.603 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) EACH	658.5070.603 SIGNAL MOUNTING HARDWARE (LOCATION) EACH	661.0201.603 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300 GENERATORS DAY	SPV.0060.602 TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.626 RADIO INTERCONNECT SYSTEM EACH	SPV.0060.630 ACCESSIBLE PEDESTRIAN PUSH BUTTON SYSTEM EACH	SPV.0060.620 VIDEO DETECTION SYSTEM EACH	SPV.0060.608 EMERGENCY VEHICLE PREEMPTION SYSTEM EACH	SPV.0060.614 TEMPORARY INFRARED EVP SYSTEM EACH	SPV.0060.633 INSTALL CELLULAR MODEM EACH
CB1 STA 671+19.7, 43.5' LT		1	--	--	--	--	1	--	--	--	--	--	1
STH 50 & CENTER ST		--	1	1	1	1	--	1	1	1	1	1	--
	TOTAL 1060	1	1	1	1	1	1	1	1	1	1	1	1

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 542	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & CENTER ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

TRAFFIC SIGNAL CABLES

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	(INCIDENTAL) VIDEO DETECTION CABLE LF
CABINET TO SIGNAL BASE								
CB1	SB1	--	--	71	--	--	136	136
CB1	SB2	--	--	58	--	--	--	--
CB1	SB3	--	--	143	143	--	193	193
CB1	SB4	--	--	157	--	--	--	--
CB1	SB5	--	--	269	--	--	309	309
CB1	SB6	--	--	254	--	--	--	--
CB1	SB7	--	--	164	--	--	224	224
CB1	SB8	--	--	183	--	--	--	--
CB1	SB9	--	--	67	--	--	--	--
CB1	SB10	--	--	147	--	--	--	--
SIGNAL BASE TO HEAD								
SB1	HEAD 12	55	--	--	--	--	--	--
SB1	HEAD 13	21	--	--	--	--	--	--
SB1	HEAD 15	--	56	--	--	--	--	--
SB1	HEAD 28	15	--	--	--	--	--	--
SB2	HEAD 4	--	22	--	--	--	--	--
SB2	HEAD 6	21	--	--	--	--	--	--
SB2	HEAD 21	15	--	--	--	--	--	--
SB3	HEAD 2	55	--	--	--	--	--	--
SB3	HEAD 3	55	--	--	--	--	--	--
SB3	HEAD 5	--	56	--	--	--	--	--
SB3	HEAD 22	15	--	--	--	--	--	--
SB4	HEAD 11	21	--	--	--	--	--	--
SB4	HEAD 19	--	22	--	--	--	--	--
SB4	HEAD 23	15	--	--	--	--	--	--
SB5	HEAD 17	60	--	--	--	--	--	--
SB5	HEAD 18	21	--	--	--	--	--	--
SB5	HEAD 20	--	61	--	--	--	--	--
SB5	HEAD 24	15	--	--	--	--	--	--
SB6	HEAD 1	21	--	--	--	--	--	--
SB6	HEAD 9	--	22	--	--	--	--	--
SB6	HEAD 25	15	--	--	--	--	--	--
SB7	HEAD 7	65	--	--	--	--	--	--
SB7	HEAD 8	65	--	--	--	--	--	--
SB7	HEAD 10	--	66	--	--	--	--	--
SB7	HEAD 26	15	--	--	--	--	--	--
SB8	HEAD 14	--	22	--	--	--	--	--
SB8	HEAD 16	21	--	--	--	--	--	--
SB8	HEAD 27	15	--	--	--	--	--	--
SB3	LUM	--	--	--	--	144	--	--
	TOTAL 1060	601	327	1,513	143	144	862	862

TRAFFIC SIGNALS GROUNDING CABLE

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
CB1	SB3	143
SB3	SB10	49
SB10	SB4	63
SB4	SB5	187
SB5	SB6	60
SB6	SB7	129
SB7	SB8	58
SB8	SB2	180
SB2	SB9	64
SB9	SB1	77
SB1	CB1	71
PB1	CB1	35
PB2	SB3	30
PB3	SB6	30
PB4	SB7	27
PB5	CB1	38
	TOTAL 1060	1,241

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 543	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & WELLS ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

3

3

TRAFFIC SIGNAL REMOVALS

LOCATION	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.604 REMOVING TRAFFIC SIGNALS EACH	204.9060.S.607 REMOVING LOOP DETECTOR & LEAD-IN CABLE EACH	653.0905 REMOVING PULL BOXES EACH
SB1	1	--	--	--
SB2	1	--	--	--
SB3	1	--	--	--
SB4	1	--	--	--
SB5	1	--	--	--
SB6	1	--	--	--
SB7	1	--	--	--
PB1	--	--	--	1
PB2	--	--	--	1
PB3	--	--	--	1
PB4	--	--	--	1
PB5	--	--	--	1
PB6	--	--	--	1
PB7	--	--	--	1
PB8	--	--	--	1
PB9	--	--	--	1
CB1	1	--	--	--
STH 50 & WELLS ST	--	1	1	--
TOTAL 1060	8	1	1	9

TRAFFIC SIGNAL CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF
CB1	PB1	16	--
PB1	SB1	23	--
PB1	SB9	19	--
PB1	PB2	--	100
PB2	SB2	12	--
PB2	SB3	17	--
PB2	PB3	--	80
PB3	SB4	26	--
PB3	PB4	--	128
PB4	SB5	--	32
PB4	SB6	6	--
PB4	SB10	22	--
PB4	PB5	--	228
PB5	SB7	10	--
PB5	SB8	--	15
PB5	PB1	--	--
	TOTAL 1060	151	583

TRAFFIC SIGNAL PULL BOXES

LOCATION	STATION	OFFSET	653.0140 PULL BOXES STEEL 24X42-INCH EACH
PB1	STA 678+82.6,	19.4' LT	1
PB2	STA 679+31.7,	19.3' LT	1
PB3	STA 679+71.3,	19.1' LT	1
PB4	STA 679+77.8,	43.8' RT	1
PB5	STA 678+65.0,	49.2' RT	1
		TOTAL 1060	5

TRAFFIC SIGNAL FACES

SIGNAL BASE	SIGNAL	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
SB1	3S HEAD 6	1	--	--
	4S HEAD 12	--	1	--
	P HEAD 19	--	--	1
SB2	4S HEAD 13	--	1	--
SB3	3S HEAD 10	1	--	--
SB4	3S HEAD 4	1	--	--
	3S HEAD 11	1	--	--
	P HEAD 14	--	--	1
SB5	3S HEAD 2	1	--	--
	3S HEAD 3	1	--	--
SB6	3S HEAD 9	1	--	--
	P HEAD 16	--	--	1
SB7	P HEAD 17	--	--	1
SB8	3S HEAD 1	1	--	--
	3S HEAD 5	1	--	--
	4S HEAD 7	--	1	--
	4S HEAD 8	--	1	--
	P HEAD 18	--	--	1
SB10	P HEAD 15	--	--	1
	TOTAL 1060	9	4	6

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 544	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & WELLS ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

TRAFFIC SIGNAL BASES POLES

STATION	OFFSET	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	657.0100 PEDESTAL BASES EACH	657.0350 POLES TYPE 10 EACH	657.0352 POLES TYPE 10-SPECIAL EACH	657.0405 TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FT EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	657.0525 MONOTUBE ARMS 25-FT EACH	657.0546 MONOTUBE ARMS 45-FT SPECIAL EACH	657.0815 LUMINAIRE ARMS STEEL 15-FT EACH	659.1125 LUMINAIRES UTILITY LED C EACH	** ACCESSIBLE PEDESTRIAN PUSH BUTTONS EACH
STA 678+60.4,	22.3' LT	SB1	1	--	--	1	--	--	--	--	1	--	--	--	--	--	--
STA 679+26.2,	29.9' LT	SB2	1	--	--	1	--	--	--	--	1	--	--	--	--	--	--
STA 679+44.2,	30.1' LT	SB3	1	--	--	1	--	--	--	1	--	--	--	--	--	--	--
STA 679+96.7,	21.7' LT	SB4	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
STA 680+08.3,	37.2' RT	SB5	--	1	--	--	1	--	--	--	--	--	1	--	1	1	--
STA 679+82.8,	43.0' RT	SB6	1	--	--	1	--	--	--	1	--	--	--	--	--	--	1
STA 678+70.9,	42.3' RT	SB7	1	--	--	1	--	--	--	--	--	1	--	--	--	--	1
STA 678+63.4,	35.0' RT	SB8	--	--	1	--	--	1	--	--	--	--	--	1	1	1	1
STA 678+64.0,	16.7' LT	SB9	1	--	--	1	--	--	1	--	--	--	--	--	--	--	1
STA 679+96.7,	34.3' RT	SB10	1	--	--	1	--	--	--	--	--	1	--	--	--	--	1
		TOTAL 1060	8	1	1	8	1	1	1	3	2	2	1	1	2	2	6

** FOR INFORMATION ONLY / INCIDENTAL TO ITEM SPV.0060.631

TRAFFIC SIGNAL MISC

CATEGORY	FROM	TO	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	656.0201.604 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) EACH	658.5070.604 SIGNAL MOUNTING HARDWARE (LOCATION) EACH	661.0201.604 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300 GENERATORS DAY	SPV.0060.603 TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.627 RADIO INTERCONNECT SYSTEM EACH	SPV.0060.631 ACCESSIBLE PEDESTRIAN PUSH BUTTON SYSTEM EACH	SPV.0060.621 VIDEO DETECTION SYSTEM EACH	SPV.0060.609 EMERGENCY VEHICLE PREEMPTION SYSTEM EACH	SPV.0060.615 TEMPORARY INFRARED EVP SYSTEM EACH
	CB1 STA 678+93.2, 30.8' LT		1	--	--	--	--	1	--	--	--	--	--
	STH 50 & WELLS ST		--	1	1	1	1	--	1	1	1	1	1
		TOTAL 1060	1	1	1	1	1	1	1	1	1	1	1

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 545	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM PLOT BY : DAVID TOMPKINS PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & WELLS ST

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-71

TRAFFIC SIGNAL CABLES

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	(INCIDENTAL) VIDEO DETECTION CABLE LF
CABINET TO SIGNAL BASE									
CB1	SB1	--	--	77	--	--	--	--	--
CB1	SB2	--	--	131	--	--	--	--	--
CB1	SB3	--	136	--	--	--	--	--	--
CB1	SB4	--	--	200	--	--	--	--	--
CB1	SB5	--	285	--	--	285	--	300	300
CB1	SB6	--	--	259	--	--	--	--	--
CB1	SB7	--	--	150	--	--	--	--	--
CB1	SB8	--	--	--	155	155	--	395	395
CB1	SB9	--	--	73	--	--	--	--	--
CB1	SB10	--	--	275	--	--	--	--	--
SIGNAL BASE TO HEAD									
SB1	HEAD 12	--	22	--	--	--	--	--	--
SB1	HEAD 6	21	--	--	--	--	--	--	--
SB1	HEAD 19	15	--	--	--	--	--	--	--
SB2	HEAD 13	--	22	--	--	--	--	--	--
SB3	HEAD 10	19	--	--	--	--	--	--	--
SB4	HEAD 4	19	--	--	--	--	--	--	--
SB4	HEAD 11	19	--	--	--	--	--	--	--
SB4	HEAD 14	15	--	--	--	--	--	--	--
SB5	HEAD 2	50	--	--	--	--	--	--	--
SB5	HEAD 3	50	--	--	--	--	--	--	--
SB6	HEAD 9	19	--	--	--	--	--	--	--
SB6	HEAD 16	15	--	--	--	--	--	--	--
SB7	HEAD 17	15	--	--	--	--	--	--	--
SB8	HEAD 1	21	--	--	--	--	--	--	--
SB8	HEAD 5	70	--	--	--	--	--	--	--
SB8	HEAD 7	--	22	--	--	--	--	--	--
SB8	HEAD 8	--	71	--	--	--	--	--	--
SB8	HEAD 18	15	--	--	--	--	--	--	--
SB10	HEAD 15	15	--	--	--	--	--	--	--
SB5	LUM	--	--	--	--	--	144	--	--
SB8	LUM	--	--	--	--	--	144	--	--
	TOTAL 1060	378	558	1,165	155	440	288	695	695

TRAFFIC SIGNALS GROUNDING CABLE

CATEGORY	FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
1060	CB1	SB2	131
	SB2	SB3	60
	SB3	SB4	129
	SB4	SB5	168
	SB5	SB10	85
	SB10	SB6	59
	SB6	SB7	176
	SB7	SB8	56
	SB8	SB9	151
	SB9	SB1	73
	SB1	CB1	77
	PB1	CB1	46
	PB2	SB2	35
	PB3	SB4	49
	PB4	SB6	29
	PB5	SB7	33
		TOTAL 1060	1,357

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

STH 50 (MAIN ST) & STH 120 (EDWARDS BLVD)

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

3

TRAFFIC SIGNAL REMOVALS

CATEGORY	LOCATION	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.605 REMOVING TRAFFIC SIGNALS EACH	204.9060.S.608 REMOVING LOOP DETECTOR & LEAD-IN CABLE EACH	653.0905 REMOVING PULL BOXES EACH
1060	SB1	1	--	--	--
	SB2	1	--	--	--
	SB3	1	--	--	--
	SB4	1	--	--	--
	SB5	1	--	--	--
	SB6	1	--	--	--
	SB7	1	--	--	--
	SB8	1	--	--	--
	SB9	1	--	--	--
	SB10	1	--	--	--
	SB11	1	--	--	--
	SB12	1	--	--	--
	SB13	1	--	--	--
	SB14	1	--	--	--
	SB15	1	--	--	--
	SB16	1	--	--	--
	SB17	1	--	--	--
	SB18	1	--	--	--
	SB19	1	--	--	--
	SB20	1	--	--	--
	SB21	1	--	--	--
	SB22	1	--	--	--
	PB1	--	--	--	1
	PB2	--	--	--	1
	PB3	--	--	--	1
	PB4	--	--	--	1
	PB5	--	--	--	1
	PB6	--	--	--	1
	PB7	--	--	--	1
	PB8	--	--	--	1
	PB9	--	--	--	1
	PB10	--	--	--	1
	PB11	--	--	--	1
	PB12	--	--	--	1
	PB13	--	--	--	1
	PB14	--	--	--	1
	PB15	--	--	--	1
	PB16	--	--	--	1
	PB17	--	--	--	1
	PB18	--	--	--	1
	PB19	--	--	--	1
	PB20	--	--	--	1
	CB1	1	--	--	--
	STH 50 & EDWARDS BLVD	--	1	1	--
	TOTAL 1060	23	1	1	20

TRAFFIC SIGNAL CONDUIT

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
1060	CB1	PB1	--	15	--
	PB1	SB18	12	--	--
	PB1	PB2	--	--	57
	PB2	SB1	4	--	--
	PB2	SB19	--	13	--
	PB1	PB3	--	86	--
	PB3	PB4	--	--	136
	PB4	SB2	10	--	--
	PB4	SB3	8	--	--
	PB4	SB4	26	--	--
	PB4	PB5	--	--	126
	PB5	SB5	18	--	--
	PB5	PB6	--	--	49
	PB6	SB6	--	6	--
	PB6	SB7	17	--	--
	PB5	PB7	--	--	208
	PB7	SB8	--	12	--
	PB7	PB8	--	--	84
	PB8	SB9	--	12	--
	PB8	PB9	--	120	--
	PB9	SB10	23	--	--
	PB9	PB10	--	--	106
	PB10	SB11	8	--	--
	PB10	SB14	14	--	--
	PB10	PB11	--	--	144
	PB11	SB15	9	--	--
	PB11	PB12	--	--	46
	PB12	SB12	--	5	--
	PB12	SB13	19	--	--
	PB11	PB13	--	--	168
	PB13	SB16	14	--	--
	PB13	SB17	7	--	--
	PB13	PB14	--	--	144
	PB14	CB1	--	18	--
	TOTAL 1060		189	287	1,268

TRAFFIC SIGNAL PULL BOXES

CATEGORY	LOCATION	STATION	OFFSET	653.0140 PULL BOXES STEEL 24X42-INCH EACH
1060	PB1	STA 724+22.3,	70.8' RT	1
	PB2	STA 723+73.7,	42.6' RT	1
	PB3	STA 723+90.1,	97.6' RT	1
	PB4	STA 723+39.5,	80.4' RT	1
	PB5	STA 722+76.5,	82.9' RT	1
	PB6	STA 723+03.7,	42.5' RT	1
	PB7	STA 722+76.5,	18.5' LT	1
	PB8	STA 722+73.7,	59.5' LT	1
	PB9	STA 723+23.4,	91.4' LT	1
	PB10	STA 723+90.7,	91.6' LT	1
	PB11	STA 724+61.3,	77.3' LT	1
	PB12	STA 724+16.3,	71.3' LT	1
	PB13	STA 724+61.1,	6.8' RT	1
	PB14	STA 724+30.1,	71.9' RT	1
	TOTAL 1060			14

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & STH 120 (EDWARDS BLVD)

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

TRAFFIC SIGNAL BASES POLES

CATEGORY	STATION	OFFSET	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH	654.0110 CONCRETE BASES TYPE 10 EACH	654.0113 CONCRETE BASES TYPE 13 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	657.0100 PEDESTAL BASES EACH	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0310 POLES TYPE 3 EACH	657.0345 POLES TYPE 9 EACH	657.0347 POLES TYPE 9-SPECIAL EACH	657.0350 POLES TYPE 10 EACH	657.0360 POLES TYPE 13 EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0520 MONOTUBE ARMS 20-FT EACH	657.0530 MONOTUBE ARMS 30-FT EACH	657.0536 MONOTUBE ARMS 35-FT SPECIAL EACH	657.0541 MONOTUBE ARMS 40-FT SPECIAL EACH	657.0555 MONOTUBE ARMS 55-FT EACH	657.0609 LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH	657.0815 LUMINAIRE ARMS STEEL 15-FT EACH	** ACCESSIBLE PEDESTRIAN PUSH BUTTONS EACH	659.1125 LUMINAIRES UTILITY LED C EACH
1060	STA 723+74.5,	39.3' RT	SB1	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--
	STA 723+39.9,	70.6' RT	SB2	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	STA 723+38.3,	87.9' RT	SB3	--	1	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	1	--	--	1
	STA 723+36.6,	106.0' RT	SB4	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	STA 722+61.8,	73.4' RT	SB5	--	1	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	1	--	1	1
	STA 723+01.4,	37.5' RT	SB6	--	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	--	1	--	1	1	1
	STA 722+89.7,	32.7' RT	SB7	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--
	STA 722+88.3,	16.7' LT	SB8	--	--	1	--	--	--	--	--	--	--	1	--	--	1	--	--	--	--	--	2	1	2
	STA 722+85.6,	58.6' LT	SB9	--	--	--	--	1	--	--	--	--	1	--	--	--	--	--	1	--	--	--	--	1	--
	STA 723+13.2,	71.6' LT	SB10	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--
	STA 723+88.7,	83.9' LT	SB11	--	1	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	2	--	--	2
	STA 724+17.1,	67.0' LT	SB12	--	--	--	--	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	1	--
	STA 724+27.5,	56.5' LT	SB13	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	STA 723+93.1,	105.4' LT	SB14	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	STA 724+56,	85.6' LT	SB15	--	1	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	1	--	1	1
	STA 724+47.2,	5.0' RT	SB16	--	1	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	2	--	--	2
	STA 724+67.5,	6.3' RT	SB17	1	--	--	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	STA 724+15.5,	80.2' RT	SB18	--	1	--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	1	--	1	1
	STA 723+81.3,	33.2' RT	SB19	--	--	1	--	--	--	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	--
			TOTAL 1060	8	6	2	1	2	8	6	6	1	2	1	1	8	1	1	1	1	1	8	3	10	11

** FOR INFORMATION ONLY / INCIDENTAL TO ITEM SPV.0060.632

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

TRAFFIC SIGNAL CABLES (1 OF 3)

CATEGORY	FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	(INCIDENTAL) VIDEO DETECTION CABLE LF
	CABINET TO SIGNAL BASE									
1060	CB1	SB1	--	--	118	--	--	--	--	--
	CB1	SB2	--	192	--	--	--	--	--	--
	CB1	SB3	--	189	--	--	--	--	--	--
	CB1	SB4	--	208	--	--	--	--	--	--
	CB1	SB5	--	--	277	--	--	--	--	--
	CB1	SB6	--	--	--	329	--	--	404	404
	CB1	SB7	--	--	340	--	--	--	--	--
	CB1	SB8	--	--	388	--	--	--	--	--
	CB1	SB9	--	--	444	--	--	--	499	499
	CB1	SB10	--	--	407	--	--	--	--	--
	CB1	SB11	--	325	--	--	--	--	--	--
	CB1	SB12	--	--	--	295	--	--	355	355
	CB1	SB13	--	--	309	--	--	--	--	--
	CB1	SB14	--	331	--	--	--	--	--	--
	CB1	SB15	--	--	240	--	--	--	--	--
	CB1	SB16	--	--	145	--	145	--	--	--
	CB1	SB17	--	138	--	--	--	--	--	--
	CB1	SB18	--	--	55	--	55	--	--	--
	CB1	SB19	--	--	126	--	--	--	176	176

(CONTINUED ON NEXT PAGE)

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

STH 50 (MAIN ST) & STH 120 (EDWARDS BLVD)

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

3

CATEGORY	FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF
	SIGNAL BASE TO SIGNAL HEADS		
	SB1	HEAD 18	19
	SB1	HEAD 92	15
	SB2	HEAD 21	19
	SB3	HEAD 8	19
	SB4	HEAD 9	19
	SB5	HEAD 7	19
	SB5	HEAD 44	15
	SB6	HEAD 28	80
	SB6	HEAD 29	80
	SB6	HEAD 31	80
	SB6	HEAD 32	80
	SB6	HEAD 43	15
	SB6	HEAD 91	15
	SB7	HEAD 1	19
	SB7	HEAD 42	15
	SB8	HEAD 4	19
	SB8	HEAD 14	45
	SB8	HEAD 15	45
	SB9	HEAD 11	60
	SB9	HEAD 12	60
	SB9	HEAD 41	15
	SB10	HEAD 22	19

CATEGORY	FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF
	SIGNAL BASE TO SIGNAL HEADS		
	SB10	HEAD 27	19
	SB10	HEAD 61	15
	SB11	HEAD 30	19
	SB12	HEAD 19	65
	SB12	HEAD 20	65
	SB12	HEAD 23	65
	SB12	HEAD 5	19
	SB12	HEAD 62	15
	SB13	HEAD 10	19
	SB13	HEAD 63	15
	SB14	HEAD 17	19
	SB15	HEAD 16	19
	SB15	HEAD 64	15
	SB16	HEAD 6	19
	SB16	HEAD 13	19
	SB16	HEAD 25	19
	SB17	HEAD 26	19
	SB18	HEAD 24	19
	SB18	HEAD 94	15
	SB19	HEAD 2	55
	SB19	HEAD 3	55
	SB19	HEAD 93	15

(CONTINUED ON NEXT PAGE)

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 550	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM PLOT BY : DAVID TOMPKINS PLOT NAME : PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & STH 120 (EDWARDS BLVD)

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

TRAFFIC SIGNAL CABLES (3 OF 3)

CATEGORY	FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0270 CABLE TRAFFIC SIGNAL 15-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	(INCIDENTAL) VIDEO DETECTION CABLE LF
		LIGHTING								
	SB18	SB3	--	--	--	--	190	--	--	--
	SB3	SB5	--	--	--	--	135	--	--	--
	SB5	SB6	--	--	--	--	118	--	--	--
	SB6	SB8	--	--	--	--	229	--	--	--
	SB16	SB15	--	--	--	--	153	--	--	--
	SB15	SB11	--	--	--	--	136	--	--	--
	SB3	LUM.	--	--	--	--	--	117	--	--
	SB5	LUM.	--	--	--	--	--	117	--	--
	SB6	LUM.	--	--	--	--	--	144	--	--
	SB8	LUM.	--	--	--	--	--	288	--	--
	SB11	LUM.	--	--	--	--	--	234	--	--
	SB15	LUM.	--	--	--	--	--	117	--	--
	SB16	LUM.	--	--	--	--	--	234	--	--
	SB18	LUM.	--	--	--	--	--	117	--	--
		TOTAL 1060	1,376	1,383	2,849	624	1,161	1,368	1,434	1,434

TRAFFIC SIGNALS GROUNDING CABLE

CATEGORY	FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
1060	CB1	SB18	55
	SB18	SB19	126
	SB19	SB1	47
	SB1	SB2	255
	SB2	SB3	49
	SB3	SB4	65
	SB4	SB5	152
	SB5	SB6	118
	SB6	SB7	54
	SB7	SB8	241
	SB8	SB9	111
	SB9	SB10	140
	SB10	SB11	129
	SB11	SB14	53
	SB14	SB15	141
	SB15	SB12	105
	SB12	SB13	54
	SB13	SB16	223
	SB16	SB17	52
	SB17	CB1	138
	PB1	CB1	35
	PB2	SB19	36
	PB3	SB18	92
	PB4	SB3	31
	PB5	SB5	41
	PB6	SB6	28
	PB7	SB8	35
	PB8	SB9	35
	PB9	SB10	45
	PB10	SB11	31
	PB11	SB15	33
	PB12	SB12	28
	PB13	SB16	37
	PB14	CB1	36
		TOTAL 1060	2,851

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 551	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 (MAIN ST) & STH 120 (EDWARDS BLVD)

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

3

3

TRAFFIC SIGNAL FACES

CATEGORY	SIGNAL BASE	SIGNAL	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
1060	SB1	3S HEAD 18	1	--
		P HEAD 92	--	1
	SB2	3S HEAD 21	1	--
	SB3	3S HEAD 8	1	--
	SB4	3S HEAD 9	1	--
	SB5	3S HEAD 7	1	--
		P HEAD 44	--	1
	SB6	3S HEAD 28	1	--
		3S HEAD 29	1	--
		3S HEAD 31	1	--
		3S HEAD 32	1	--
		P HEAD 43	--	1
		P HEAD 91	--	1
	SB7	3S HEAD 1	1	--
		P HEAD 42	--	1
	SB8	3S HEAD 4	1	--
		3S HEAD 14	1	--
		3S HEAD 15	1	--
	SB9	3S HEAD 11	1	--
		3S HEAD 12	1	--
		P HEAD 41	--	1
	SB10	3S HEAD 22	1	--
		3S HEAD 27	1	--
		P HEAD 61	--	1
	SB11	3S HEAD 30	1	--
	SB12	3S HEAD 5	1	--
		3S HEAD 19	1	--
		3S HEAD 20	1	--
		3S HEAD 23	1	--
		P HEAD 62	--	1
	SB13	3S HEAD 10	1	--
		P HEAD 63	--	1
	SB14	3S HEAD 17	1	--
	SB15	3S HEAD 16	1	--
		P HEAD 64	--	1
	SB16	3S HEAD 6	1	--
		3S HEAD 13	1	--
		3S HEAD 25	1	--
	SB17	3S HEAD 26	1	--
	SB18	3S HEAD 24	1	--
		P HEAD 94	--	1
	SB19	3S HEAD 2	1	--
		3S HEAD 3	1	--
		P HEAD 93	--	1
		TOTAL 1060	32	12

TRAFFIC SIGNAL MISC

CATEGORY	FROM	TO	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	656.0201.605 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) EACH	658.5070.605 SIGNAL MOUNTING HARDWARE (LOCATION) EACH	661.0201.605 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300 GENERATORS DAY	SPV.0060.604 TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.632 ACCESSIBLE PEDESTRIAN PUSH BUTTON SYSTEM EACH	SPV.0060.622 VIDEO DETECTION SYSTEM EACH	SPV.0060.610 EMERGENCY VEHICLE PREEMPTION SYSTEM EACH	SPV.0060.616 TEMPORARY INFRARED EVP SYSTEM EACH
1060	CB1 STA 724+24.9, 74.5'		1	--	--	--	--	1	--	--	--	--
	STH 50 & EDWARDS BLVD		--	1	1	1	1	--	1	1	1	1
		TOTAL 1060	1	1	1	1	1	1	1	1	1	1

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 552	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 & USH 12 EB RAMPS

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

3

3

TRAFFIC SIGNAL REMOVALS

CATEGORY	LOCATION	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.606 REMOVING TRAFFIC SIGNALS EACH	204.9060.S.609 REMOVING LOOP DETECTOR & LEAD-IN CABLE EACH	653.0905 REMOVING PULL BOXES EACH
1060	SB1	1	--	--	--
	SB2	1	--	--	--
	SB3	1	--	--	--
	SB4	1	--	--	--
	SB5	1	--	--	--
	SB6	1	--	--	--
	SB7	1	--	--	--
	SB8	1	--	--	--
	SB9	1	--	--	--
	SB10	1	--	--	--
	SB11	1	--	--	--
	PB1	--	--	--	1
	PB2	--	--	--	1
	PB3	--	--	--	1
	PB4	--	--	--	1
	PB5	--	--	--	1
	PB6	--	--	--	1
	PB7	--	--	--	1
	PB8	--	--	--	1
	PB9	--	--	--	1
	PB10	--	--	--	1
	PB11	--	--	--	1
	PB12	--	--	--	1
	CB1	1	--	--	--
	STH 50 & USH 12 EB RAMP	--	1	1	--
	TOTAL 1060	12	1	1	12

TRAFFIC SIGNAL PULL BOXES

CATEGORY	LOCATION	STATION	OFFSET	653.0140 PULL BOXES STEEL 24X42-INCH EACH
1060	PB1	STA 733+42.9,	66.4' LT	1
	PB2	STA 733+52.2,	2.1' RT	1
	PB3	STA 733+43.6,	64.6' RT	1
	PB4	STA 732+54.8,	68.7' RT	1
	PB5	STA 732+51.4,	2.4' LT	1
	PB6	STA 732+50.5,	73.3' LT	1
	PB7	STA 733+44.1,	71.1' LT	1
			TOTAL 1060	7

TRAFFIC SIGNAL CONDUIT

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	652.0615 CONDUIT SPECIAL 3-INCH LF
1060	CB1	PB1	--	21	--
	PB1	SB1	24	--	--
	PB1	PB2	--	--	138
	PB2	SB2	12	--	--
	PB2	PB3	--	--	126
	PB3	SB3	--	7	--
	PB3	PB4	--	--	178
	PB4	SB4	12	--	--
	PB4	PB5	--	--	144
	PB5	SB5	22	--	--
	PB5	SB6	16	--	--
	PB5	SB7	14	--	--
	PB5	PB6	--	--	142
	PB6	SB8	--	22	--
	PB6	SB9	12	--	--
	PB6	PB7	--	--	184
	PB7	CB1	--	27	--
		TOTAL 1060	112	77	912

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 553	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 & USH 12 EB RAMPS

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

3

3

TRAFFIC SIGNAL CABLES

CATEGORY	FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	(INCIDENTAL) VIDEO DETECTION CABLE LF
1060	CB1	SB1	--	--	69	--	--
	CB1	SB2	--	142	--	--	--
	CB1	SB3	--	--	214	269	269
	CB1	SB4	--	324	--	--	--
	CB1	SB5	--	260	--	--	--
	CB1	SB6	--	--	254	269	371
	CB1	SB7	--	253	--	--	--
	CB1	SB8	--	--	175	240	240
	CB1	SB9	--	165	--	--	--
	SB1	HEAD 10	19	--	--	--	--
		HEAD 11	19	--	--	--	--
	SB2	HEAD 12	19	--	--	--	--
	SB3	HEAD 1	60	--	--	--	--
		HEAD 2	60	--	--	--	--
	SB4	HEAD 3	19	--	--	--	--
	SB5	HEAD 13	19	--	--	--	--
	SB6	HEAD 4	19	--	--	--	--
		HEAD 5	19	--	--	--	--
	SB7	HEAD 6	19	--	--	--	--
	SB8	HEAD 7	70	--	--	--	--
		HEAD 8	70	--	--	--	--
	SB9	HEAD 9	19	--	--	--	--
		TOTAL 1060	431	1,144	712	778	880

TRAFFIC SIGNALS GROUNDING CABLE

CATEGORY	STATION	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF
1060	CB1	SB1	69
	SB1	SB2	151
	SB2	SB3	128
	SB3	SB4	154
	SB4	SB5	151
	SB5	SB6	68
	SB6	SB7	60
	SB7	SB8	153
	SB8	SB9	65
	SB9	CB1	165
	PB1	CB1	37
	PB2	SB2	36
	PB3	SB3	30
	PB4	SB4	36
	PB5	SB6	39
	PB6	SB8	45
	PB7	CB1	39
		TOTAL 1060	1,426

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

STH 50 & USH 12 EB RAMPS

ALL ITEMS ARE CATEGORY 1060 UNLESS OTHERWISE NOTED

PROJECT NO: 3170-09-70

3

3

TRAFFIC SIGNAL BASES POLES

CATEGORY	STATION	OFFSET	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	657.0100 PEDESTAL BASES EACH	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0310 POLES TYPE 3 EACH	657.0347 POLES TYPE 9-SPECIAL EACH	657.0420 TRAFFIC SIGNAL STANDARDS ALUMINUM 13-FT EACH	657.0536 MONOTUBE ARMS 35-FT SPECIAL EACH	657.0546 MONOTUBE ARMS 45-FT SPECIAL EACH	657.0609 LUMINAIRE ARMS SINGLE MEMBER 4-INCH CLAMP 6-FT EACH
1060	STA 733+19.9,	62.8' LT	SB1	1	--	--	1	--	--	--	1	--	--	--
	STA 733+64.0,	0.1' LT	SB2	1	--	--	1	--	--	--	1	--	--	--
	STA 733+49.9,	62.7' RT	SB3	--	--	1	--	--	--	1		1	--	--
	STA 732+45.8,	60.6' RT	SB4	1	--	--	1	--	--	--	1	--	--	--
	STA 732+64.8,	13.9' RT	SB5	1	--	--	1	--	--	--	1	--	--	--
	STA 732+64.5,	10.3' LT	SB6	--	1	--	--	1	1	--		--	--	1
	STA 732+47.8,	15.6' LT	SB7	1	--	--	1	--	--	--	1	--	--	--
	STA 732+28.5,	75.3' LT	SB8	--	--	1	--	--	--	1		--	1	--
	STA 732+60.0,	79.9' LT	SB9	1	--	--	1	--	--	--	1	--	--	--
			TOTAL 1060	6	1	2	6	1	1	2	6	1	1	1

TRAFFIC SIGNAL FACES

CATEGORY	SIGNAL BASE	SIGNAL	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH
1060	SB1	3S HEAD 10	1
		3S HEAD 11	1
	SB2	3S HEAD 12	1
	SB3	3S HEAD 1	1
		3S HEAD 2	1
	SB4	3S HEAD 3	1
	SB5	3S HEAD 13	1
	SB6	3S HEAD 4	1
		3S HEAD 5	1
	SB7	3S HEAD 6	1
	SB8	3S HEAD 7	1
		3S HEAD 8	1
	SB9	3S HEAD 9	1
		TOTAL 1060	13

TRAFFIC SIGNAL MISC

CATEGORY	FROM	TO	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	656.0201.606 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) EACH	658.5070.606 SIGNAL MOUNTING HARDWARE (LOCATION) EACH	661.0201.606 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS EACH	661.0300 GENERATORS DAY	SPV.0060.605 TRAFFIC SIGNAL CABINET AND CONTROLLER EACH	SPV.0060.623 VIDEO DETECTION SYSTEM EACH	SPV.0060.611 EMERGENCY VEHICLE PREEMPTION SYSTEM EACH	SPV.0060.617 TEMPORARY INFRARED EVP SYSTEM EACH
1060	CB1 STA 733+49.6, 68.4' LT		1	--	--	--	--	1	--	--	--
	STH 50 & USH 12 EB RAMP		--	1	1	1	1	--	1	1	1
		TOTAL 1060	1	1	1	1	1	1	1	1	1

ADDITIONAL QUANTITIES SHOWN ELSEWHERE FOR ALL ITEMS

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES	SHEET 555	E

FILE NAME : C:_CAD\LAKE GENEVA STH 50\MQ TITLES.DWG
LAYOUT NAME - 01
PLOT DATE : 1/30/2026 2:10 PM
PLOT BY : DAVID TOMPKINS
PLOT NAME :
PLOT SCALE : 1" = 1'
WISDOT/CADDS SHEET 42

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE
CULVERT

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
PARALLEL OFFSETS

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
ELECTRIC TOWER	☒

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

C LAKE GENEVA, W MAIN ST

FOREST ST TO GRAND GENEVA WAY

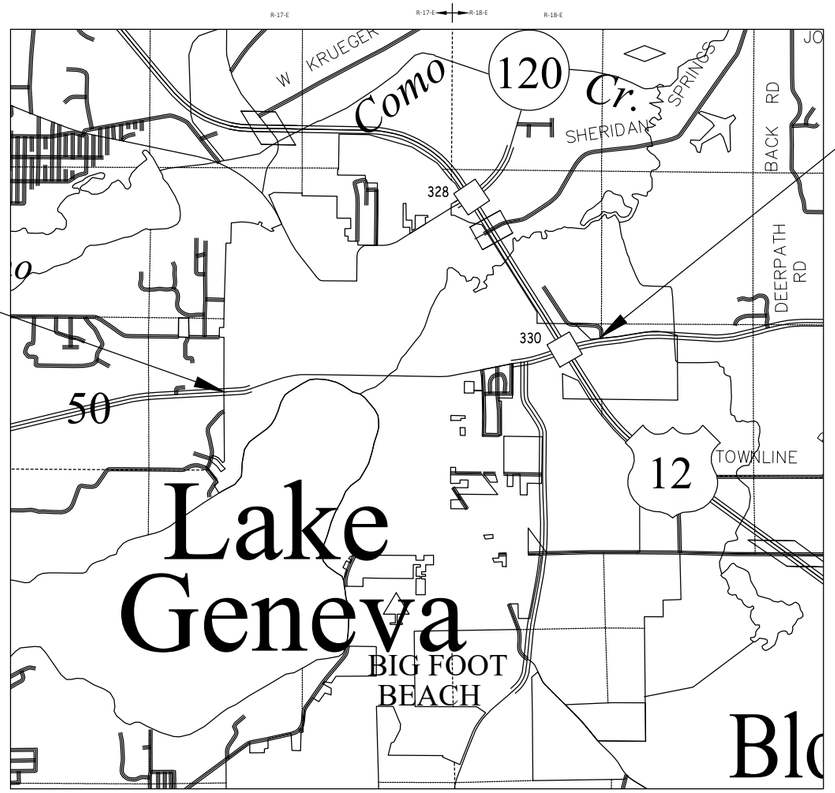
STH 50

WALWORTH COUNTY

STATE PROJECT NUMBER
3170-09-20

BEGIN PROJECT ID 3170-09-20
STA 620+31.95
Y: 335602.80
X: 787142.27

END PROJECT ID 3170-09-20
STA 750+73.56



N

LAYOUT
SCALE 0 1.0 MILE

TOTAL NET LENGTH OF CENTERLINE = 2.306 MI

THIS PLAT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES AND ACCESS RIGHTS.

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
3170-09-20	4.01	
FEDERAL PROJECT NUMBER		

PLAT OF RIGHT OF WAY REQUIRED FOR

W MAIN ST (CITY OF LAKE GENEVA)
FOREST ST TO GRAND GENEVA WAY

STH 50	WALWORTH

CONSTRUCTION PROJECT NUMBER
3170-09-70/71

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA, SOUTHEAST REGION.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE DETAIL PAGES.

TERRA TEC ENGINEERING, LLC.
W67 N222 EVERGREEN BLVD., STE. 205
CEDARBURG, WI 53012
Tel.: 262.377.9905 - Fax: 262.375.1958

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ORIGINAL PLANS PREPARED BY

WISCONSIN Steven M. Arnold S-3168 Huntley ILLINOIS LAND SURVEYOR

02/25/2025
(DATE)

STEVEN M. ARNOLD
TERRATEC ENG.
PLS NO 3168

REVISION DATE	03/05/2026
	06/04/2026

CITY OF
LAKE GENEVA

09/09/2025
09/09/2025

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	SHEET NUMBER	*OWNER	INTEREST REQUIRED	R/W AREA REQUIRED (AC) NEW	(SF)	(AC) TOTAL	(SF)	TLE (AC)	TLE (SF)	PLE (AC)	PLE (SF)	PARCEL NUMBER
1	4.07	BRUCE/JOY IRUSSI TRUST	TLE					0.0040	175			1
2	4.08	CHARLES/JILL LORENZI	TLE					0.0063	275			2
3	4.08	HELEN/JOHN HACKETT	TLE					0.0069	300			3
4	4.08	WILLIAM Z PETROPOULIS	TLE					0.0003	12			4
5	4.09	DAVID/DEBRA MONEY TRUST	TLE					0.0031	133			5
6	4.09	1031 W MAIN ST LLC	TLE					0.0025	110			6
7	4.09	JANELLE M POWERS	TLE					0.0008	36			7
8	4.09	JAMES MERCURIO	FEE,TLE	0.0011	48	0.0011	48	0.0021	90			8
9	4.10	JEFFREY M AND BEVERLY LEONARD TRUST	TLE					0.0008	34			9
10	4.10	VENTURE INVESTMENT PARTNERS	TLE					0.0011	48			10
11	4.10	GENEVA CENTER LLC	FEE	0.0013	57	0.0013	57					11
13	4.11	KOCOUREK PROPERTY HOLDINGS LLC	TLE					0.0026	115			13
15	4.11	CITY OF LAKE GENEVA	TLE					0.0062	268			15
16	4.11	JP'S NEVADA LLC	TLE					0.0181	787			16
17	4.11	CITY OF LAKE GENEVA	TLE					0.0029	125			17
18	4.12	SHANE S PIASECKI	TLE					0.0098	425			18
19	4.12	WALWORTH APARTMENTS LLC	TLE					0.0014	62			19
20	4.12	YOUNGQUIST-NADING LLC	TLE					0.0034	150			20
21	4.12	JUNE JOHNSON TRUST	TLE					0.0063	276			21
22 (2)	4.12	JOHN TYSHENKO JR	PLE,TLE					0.1224	5333	0.0087	381	22
23 (2)	4.13,4.15	CITY OF LAKE GENEVA	FEE,PLE,TLE	0.1732	7545	0.1732	7545	0.9966	43410	0.0367	1600	23
24	4.13,4.15	W.H.J. PROPERTIES LLC	TLE					0.0025	111			24
25	4.12	CATHOLIC CHURCH	TLE					0.0015	64			25
26	4.14,4.15	FRANKLIN D GUSKE SR TRUST	PLE							0.0369	1610	26
27	4.14,4.15	DECORUM LAKE GENEVA LLC	PLE,TLE					0.0251	1093	0.0106	461	27
28 (2)	4.16	EVERGREEN BP LLC	FEE,TLE	0.0031	135	0.0031	135	0.0424	1845			28
29	4.16	CHRISTOPHER A CRUM	TLE					0.0045	197			29
30	4.16,4.17	GNI OF LAKE GENEVA LLC	FEE	0.0010	434	0.0010	434					30
31	4.16,4.17	GNI OF ELEVENTH LLC	FEE,TLE	0.0026	113	0.0026	113	0.0028	121			31
32	4.16,4.17	SUNDANCE INC	FEE	0.0043	187	0.0043	187					32

PARCEL NUMBER	SHEET NUMBER	*OWNER	INTEREST REQUIRED
500 (2)	4.13,4.17	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
501 (2)	4.13,4.17	WE ENERGIES - GAS	RELEASE OF RIGHTS
504	4.13,4.16,4.17	AT&T WISCONSIN	RELEASE OF RIGHTS
505	4.16	LAKE GENEVA UTILITY COMMISSION - SANITARY	RELEASE OF RIGHTS
506	4.17	LAKE GENEVA UTILITY COMMISSION - WATER	RELEASE OF RIGHTS
507	4.17	SPECTRUM	RELEASE OF RIGHTS
510 (2)	4.16	WINDSTREAM	RELEASE OF RIGHTS

4

4

REVISION DATE
03/05/2026
06/04/2026

DATE 01/20/2025

GRID FACTOR

SCALE, FEET
0

HWY: STH 50

COUNTY: WALWORTH

STATE R/W PROJECT NUMBER 3170-09-20

CONSTRUCTION PROJECT NUMBER

PLAT SHEET 4.02

PS&E SHEET 557 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.02

PLOT DATE : 6/17/2026 4:00 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

4

4

SW-NE

SHEET 4.08

SHEET 4.07

1/4 LINE

1/16 LINE

ELMWOOD AV

PEARSON DR

SKY LANE DR

LAKEVIEW DR

STH 50

614 616 618 620 622 624 626 628 630 632 634 636 638 640 642 644

22

20

35

SE-NE

1/4 LINE

1/16 LINE

BEGIN PROJECT
STA 620+31.95

Y: 335602.80
X: 787142.27

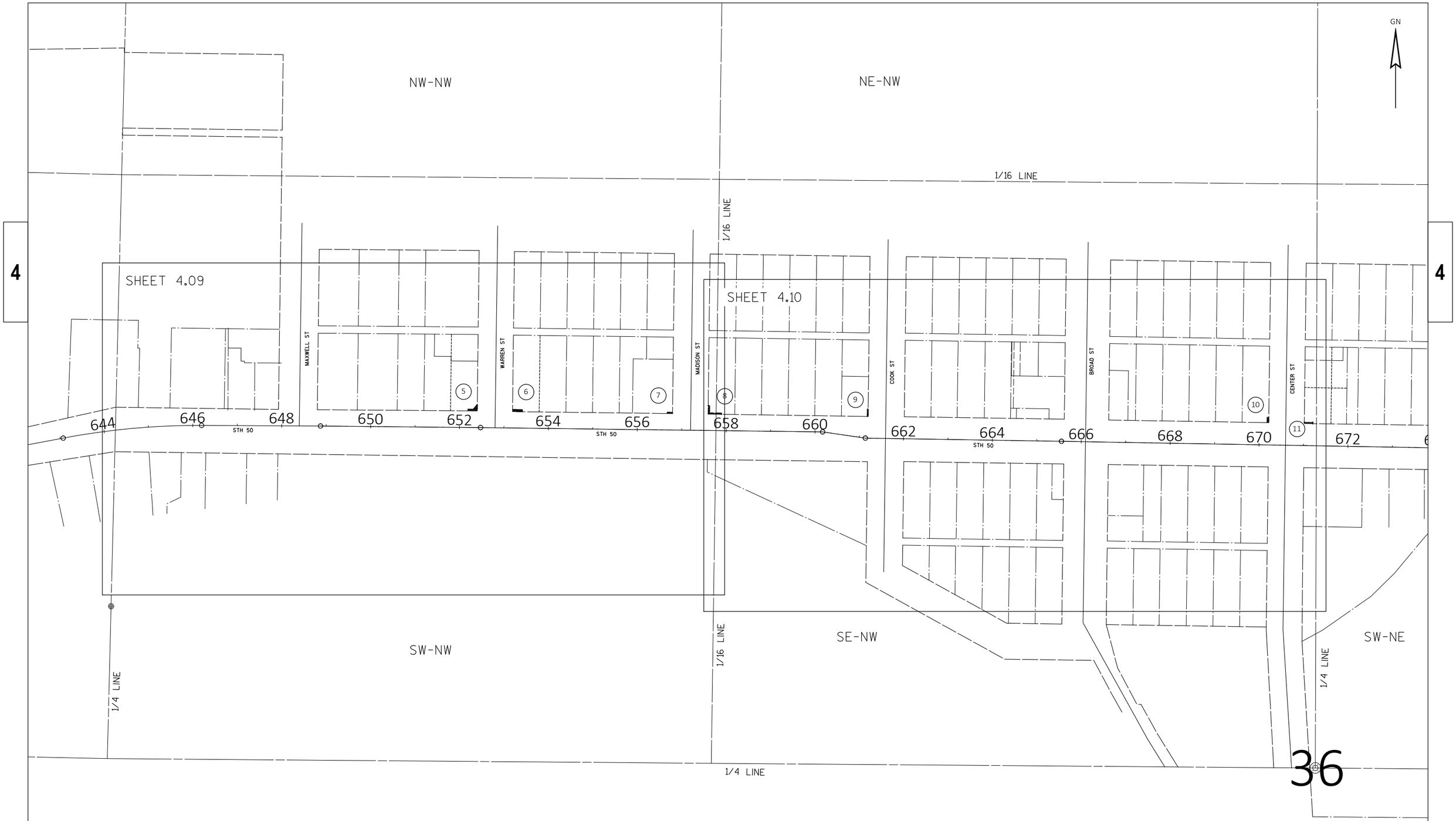
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REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 100 200	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.03
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 558 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.03

PLOT DATE : 6/17/2026 4:00 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

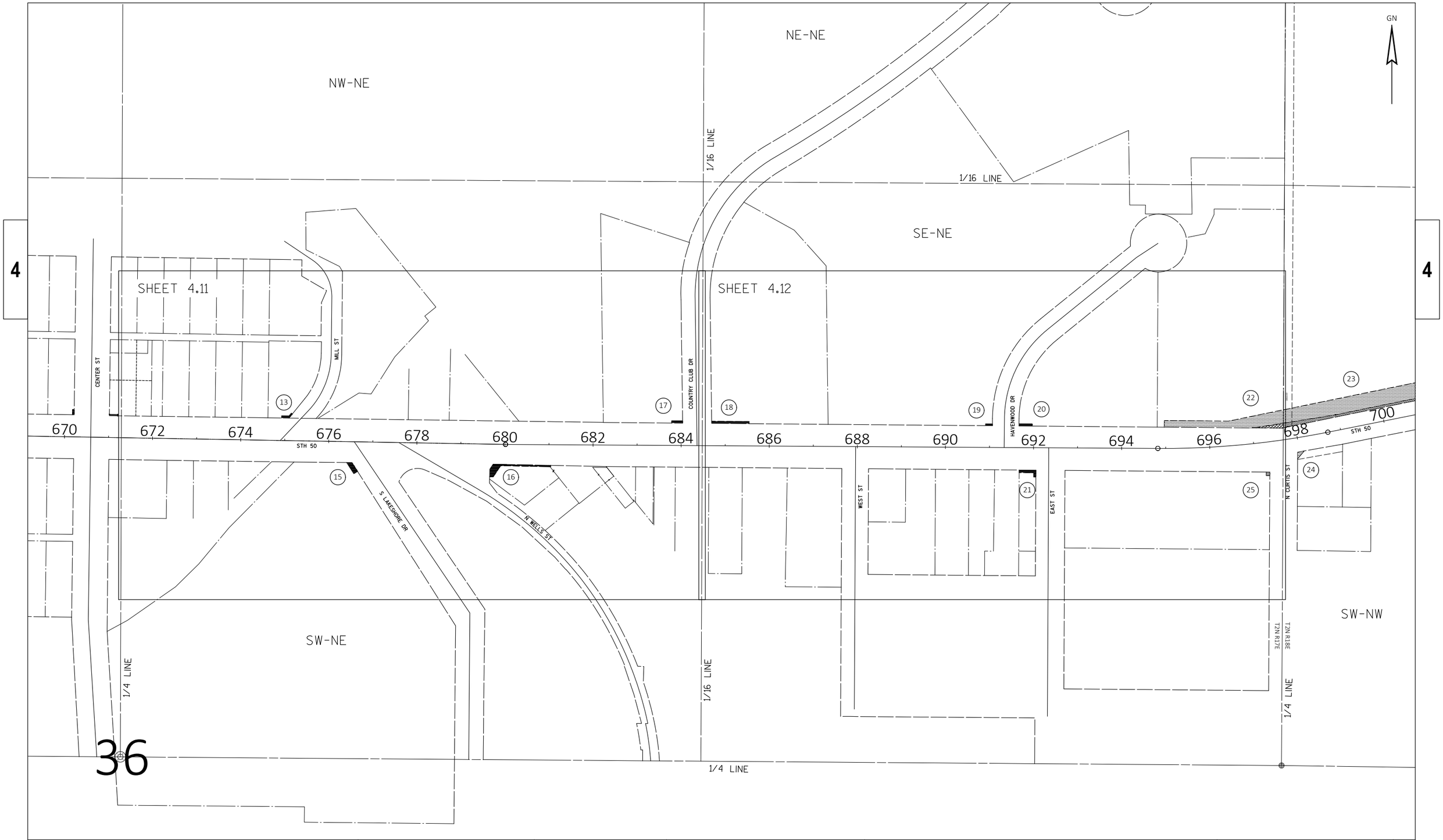


REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 100 200	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.04
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 559 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.04

PLOT DATE : 6/17/2026 4:00 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75



REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025 GRID FACTOR	SCALE, FEET 0 100 200	HWY: STH 50 COUNTY: WALWORTH	STATE R/W PROJECT NUMBER 3170-09-20 CONSTRUCTION PROJECT NUMBER	PLAT SHEET 4.05 PS&E SHEET 560	E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.05

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

GN

NW-NW

NE-NW

SW-NW

SE-NW

SW-NE

SHEET 4.16

SHEET 4.13

1/16 LINE

1/16 LINE

1/16 LINE

1/4 LINE

1/4 LINE

1/4 LINE

PELLER RD

N EDWARDS BLVD

LOCKWOOD BLVD

EAST DR

WEST DR

STH 50

STH 50

698 700 702 704 706 708 710 712 714 716 718 720 722 724 726 728

335

330

338

23 26 27 28 29 30 31 32

4

4

31

REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 100 200	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.06
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 561 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.06

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD 83 (2011) IN US SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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FOUND MONUMENT TABLE

POINT	DESCRIPTION	Y COORDS	X COORDS
89	IP 2"	335679.337	787326.695
90	IP 1"	335683.918	787408.655
91	IP 3/4"	335682.967	787491.928
92	IP 1"	335690.364	787494.319
93	IP 1"	335696.571	787577.867
94	IP 1"	335703.005	787732.372
95	IP 1"	335707.297	787730.984
96	IP 1"	335727.796	787728.693
97	IP 1"	335785.687	787947.069
98	IP 1"	335742.522	788021.488
99	IP 1"	335689.623	787875.188
100	IP 1"	335628.042	787800.201
198	IP 1"	335861.476	788154.907
199	IP 1"	335807.688	788201.840
200	IP 1"	335835.240	788278.811

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

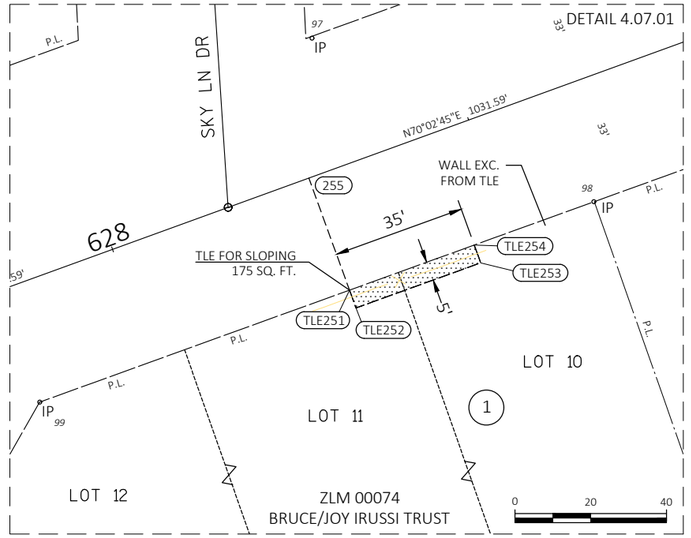
COORDINATE TABLE

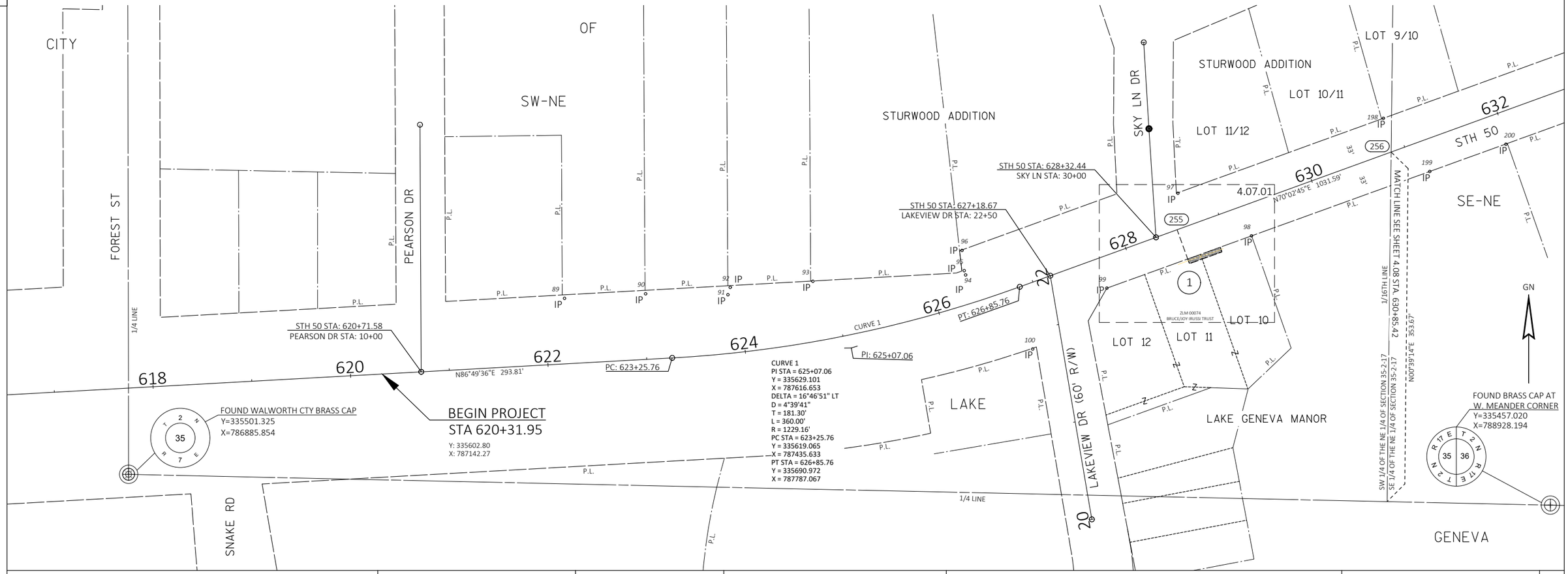
POINT	Y COORDS	X COORDS
TLE251	335719.197	787956.999
TLE252	335714.496	787958.703
TLE253	335726.394	787991.619
TLE254	335731.095	787989.915
255	335748.770	787946.263
256	335827.364	788162.734

COURSE TABLE (4.05.01)

COURSE	BEARING	DISTANCE
256-255	S70° 02' 45"W	230.30'
255-251	S19° 57' 15"E	31.46'
251-252	S19° 55' 14"E	5.00'
252-253	N70° 07' 33"E	35.00'
253-254	N19° 55' 14"W	5.00'
254-251	S70° 07' 33"W	35.00'

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	PLAT OF LAKE GENEVA MANOR SUB	66'	1926
LAKEVIEW	PLAT OF LAKE GENEVA MANOR SUB	60'	1926





REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 50 100	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.07
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 562 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.07 50

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

NOTES:

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4

4

SE-NE

STURWOOD ADDITION

LINDA LN

LOT 4 | LOT 3 | LOT 2 | LOT 1

STURWOOD ADDITION

ELMWOOD AV

LAKEHOUSE CONDO

LAKE GARDENS CONDO

THE GEORGETOWN CONDO

4.08.02

ZLKC 00001
WILLIAM Z. PETROPOULOS

4

263

LAKE

4.08.01

257

2

3

LOT 3/4

LOT 2

LOT 1

LAKE GENEVA MANOR

BLOCK 31

SW-NE

SW 1/4 OF THE NE 1/4 OF SECTION 35-2-17

SE1/4 OF THE NE 1/4 OF SECTION 35-2-17

1/16TH LINE

N00°39'14"E 353.67'

N70°02'45"E 1031.59'

256

STH 50

630

632

634

636

638

640

642

644

PC: 637+17.35

PT: 638+97.74

PI: 638+07.74

CURVE 2

PC: 643+06.62

PI: 644+63.68

CURVE 3

N79°16'26"E 408.88'

STH 50 STA: 639+62.24

ELMWOOD AV STA: 10+00

MATCH LINE SEE SHEET 4.09 STA. 644+25.42

MATCH LINE SEE SHEET 4.07 STA. 630+85.42

CURVE 2
PI STA = 638+07.74
Y = 336073.868
X = 788841.689
DELTA = 9°13'41" RT
D = 5°06'57"
T = 90.39'
L = 180.39'
R = 1120.00'
PC STA = 637+17.35
Y = 336043.021
X = 788756.726
PT STA = 638+97.74
Y = 336090.691
X = 788930.500

CURVE 3
PI STA = 644+63.68
Y = 336196.018
X = 789486.547
DELTA = 11°00'25" RT
D = 3°30'54"
T = 157.05'
L = 313.14'
R = 1630.00'
PC STA = 643+06.62
Y = 336166.789
X = 789332.239
PT STA = 646+19.76
Y = 336195.248
X = 789643.598

FOUND WALWORTH CTY BRASS CAP
Y=335501.325
X=786885.854

FOUND WALWORTH CTY BRASS CAP AT N. MEANDER CORNER
Y=335788.565
X=789439.946

FOUND WALWORTH CTY BRASS CAP AT W. MEANDER CORNER
Y=335457.020
X=788928.194

1/4 LINE

GN

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	PLAT OF LAKE GENEVA MANOR SUB	VARIES	1926
ELMWOOD	LAKEHOUSE CONDOMINIUM PLAT	60'	2007

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
256	335827.364	788162.734
257	335903.610	788372.743
TLE258	335873.441	788383.696
TLE259	335868.725	788385.358
TLE260	335907.822	788493.512
TLE261	335912.538	788491.850
262	336109.722	789030.971
263	336110.818	789036.756
TLE264	336142.024	789030.845
TLE265	336146.145	789026.014
TLE445	335887.424	788437.084
TLE446	335892.140	788435.422
447	335942.856	788480.841

COURSE TABLE (4.08.01-2)		
COURSE	BEARING	DISTANCE
256-257	N70° 02' 45"E	223.42'
257-258	S19° 57' 15"E	32.10'
258-259	S19° 24' 33"E	5.00'
259-445	N70° 07' 33"E	55.00'
445-446	N19° 24' 33"W	5.00'
446-258	S70° 07' 33"W	55.00'

COURSE TABLE (4.08.01-3)		
COURSE	BEARING	DISTANCE
256-447	N70° 02' 45"E	338.43'
447-261	S19° 57' 15"E	32.26'
261-446	S70° 07' 33"W	60.00'
446-445	S19° 24' 33"E	5.00'
445-260	N70° 07' 33"E	60.02'
260-261	N19° 24' 33"W	5.00'

COURSE TABLE (4.08.02)		
COURSE	BEARING	DISTANCE
262-263	N79° 16' 26"E	5.89'
263-264	N10° 43' 34"W	31.76'
264-265	N49° 32' 08"W	6.35'
265-193	S01° 03' 07"W	5.00'
193-264	N79° 52' 38"E	5.00'

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
190	IR 5/8"	336203.878	789357.036
191	IP 1"	336172.753	789198.582
192	IP 1"	336151.914	789086.236
193	IP 1"	336141.146	789025.923
194	IR 5/8"	336124.341	788931.357
195	IP 1"	336091.308	788787.706
196	IP 1.5"	336063.986	788712.412
197	IP 1"	336012.440	788563.884
198	IP 1"	335861.476	788154.907
199	IP 1"	335807.688	788201.840
200	IP 1"	335835.240	788278.811
201	MAG NAIL	335891.557	788433.795
202	IP 1"	335911.838	788490.524
203	IP 1.5"	335944.958	788580.535
207	IP 1"	336047.078	788889.205
208	IR 5/8"	336068.529	788982.115
209	IP 1"	336074.945	789015.514
216	IP 1"	336094.546	789127.128
217	IP 1"	336122.380	789313.934
218	IP 1"	336133.111	789405.082

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

DETAIL 4.08.01

0 20 40

STH 50

634

447

LIGHT POLE AND BUILDING EXC. FROM TLE

FENCE EXC. FROM TLE

TLE258

TLE259

TLE FOR SLOPING 275 SQ. FT.

TLE445

TLE446

TLE260

TLE261

TLE FOR SLOPING 300 SQ. FT.

LOT 1

2
ZLM 00069
CHARLES/JILL LORENZI
LOT 2

3
ZLM 00068
HELEN/JOHN HACKETT

DETAIL 4.08.02

LAKEHOUSE CONDO

4
ZLKC 00001
WILLIAM Z PETROPOULIS

TLE FOR SLOPING
12 SQ. FT.

TLE265

TLE264

640

STH 50

262

263

0 10 20

GENEVA

SE-NE

1/4 LINE

REVISION DATE			
03/05/2026			
06/04/2026			

DATE 01/20/2025

GRID FACTOR

SCALE, FEET 0 50 100

HWY: STH 50

COUNTY: WALWORTH

STATE R/W PROJECT NUMBER 3170-09-20

CONSTRUCTION PROJECT NUMBER

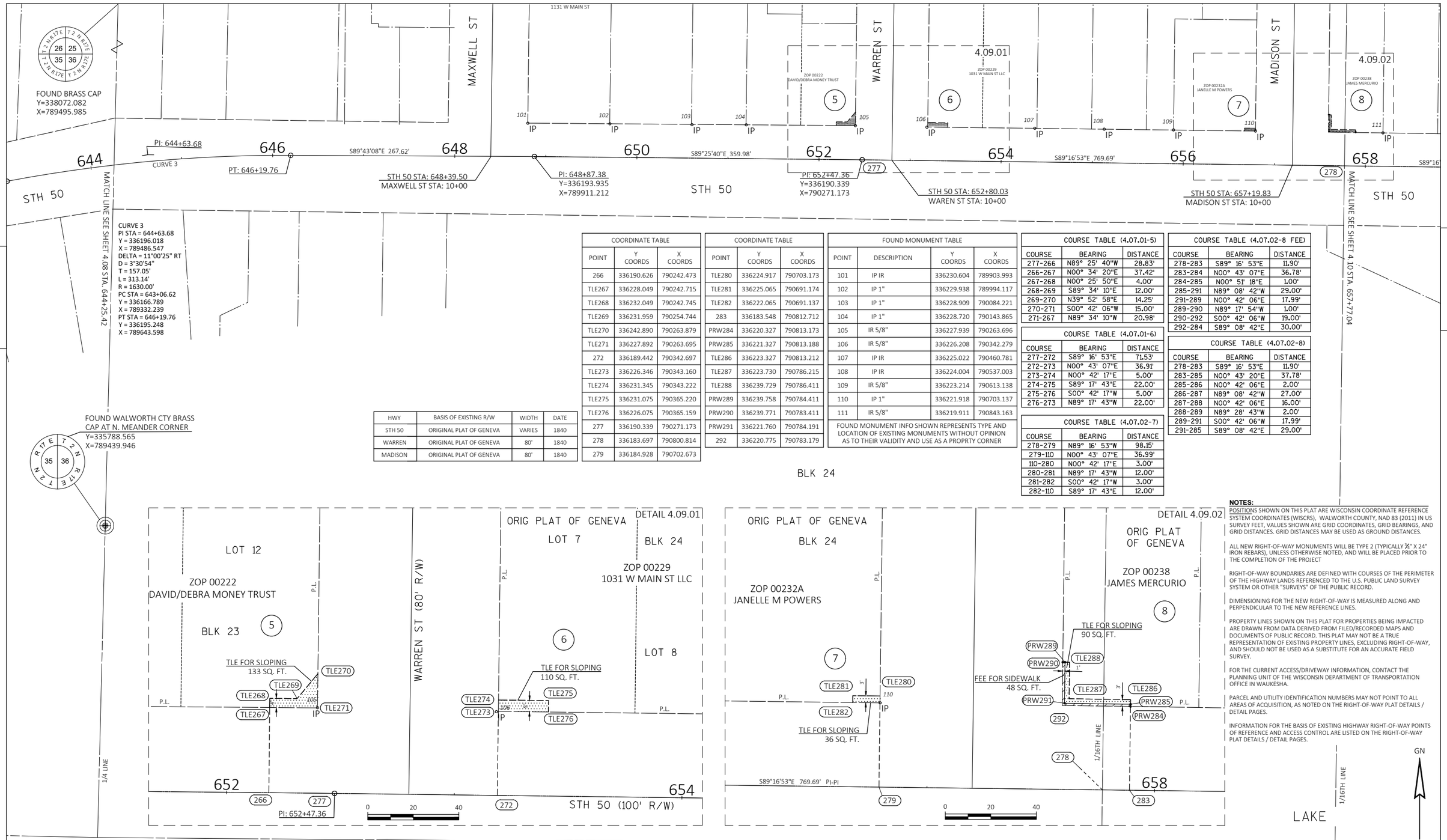
PLAT SHEET 4.08

PS&E SHEET 563 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.08 50

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75



COORDINATE TABLE		
POINT	Y COORDS	X COORDS
266	336190.626	790242.473
TLE267	336228.049	790242.715
TLE268	336232.049	790242.745
TLE269	336231.959	790254.744
TLE270	336242.890	790263.879
TLE271	336227.892	790263.695
272	336189.442	790342.697
TLE273	336226.346	790343.160
TLE274	336231.345	790343.222
TLE275	336231.075	790365.220
TLE276	336226.075	790365.159
277	336190.339	790271.173
278	336183.697	790800.814
279	336184.928	790702.673

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
TLE280	336224.917	790703.173
TLE281	336225.065	790691.174
TLE282	336222.065	790691.137
283	336183.548	790812.712
PRW284	336220.327	790813.173
PRW285	336221.327	790813.188
TLE286	336223.327	790813.212
TLE287	336223.730	790786.215
TLE288	336239.729	790786.411
PRW289	336239.758	790784.411
PRW290	336239.771	790783.411
PRW291	336221.760	790784.191
292	336220.775	790783.179

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
101	IP IR	336230.604	789903.993
102	IP 1"	336229.938	789994.117
103	IP 1"	336228.909	790084.221
104	IP 1"	336228.720	790143.865
105	IR 5/8"	336227.939	790263.696
106	IR 5/8"	336226.208	790342.279
107	IP IR	336225.022	790460.781
108	IP IR	336224.004	790537.003
109	IR 5/8"	336223.214	790613.138
110	IP 1"	336221.918	790703.137
111	IR 5/8"	336219.911	790843.163

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	ORIGINAL PLAT OF GENEVA	VARIES	1840
WARREN	ORIGINAL PLAT OF GENEVA	80'	1840
MADISON	ORIGINAL PLAT OF GENEVA	80'	1840

BLK 24

COURSE TABLE (4.07.01-5)		
COURSE	BEARING	DISTANCE
277-266	N89° 25' 40"W	28.83'
266-267	N00° 34' 20"E	37.42'
267-268	N00° 25' 50"E	4.00'
268-269	S89° 34' 10"E	12.00'
269-270	N39° 52' 58"E	14.25'
270-271	S00° 42' 06"W	15.00'
271-267	N89° 34' 10"W	20.98'

COURSE TABLE (4.07.01-6)		
COURSE	BEARING	DISTANCE
277-272	S89° 16' 53"E	71.53'
272-273	N00° 43' 07"E	36.91'
273-274	N00° 42' 17"E	5.00'
274-275	S89° 17' 43"E	22.00'
275-276	S00° 42' 17"W	5.00'
276-273	N89° 17' 43"W	22.00'

COURSE TABLE (4.07.02-7)		
COURSE	BEARING	DISTANCE
278-279	N89° 16' 53"W	98.15'
279-110	N00° 43' 07"E	36.99'
110-280	N00° 42' 17"E	3.00'
280-281	N89° 17' 43"W	12.00'
281-282	S00° 42' 17"W	3.00'
282-110	S89° 17' 43"E	12.00'

COURSE TABLE (4.07.02-8 FEE)		
COURSE	BEARING	DISTANCE
278-283	S89° 16' 53"E	11.90'
283-284	N00° 43' 07"E	36.78'
284-285	N00° 51' 18"E	1.00'
285-291	N89° 08' 42"W	29.00'
291-289	N00° 42' 06"E	17.99'
289-290	N89° 17' 54"W	1.00'
290-292	S00° 42' 06"W	19.00'
292-284	S89° 08' 42"E	30.00'

COURSE TABLE (4.07.02-8)		
COURSE	BEARING	DISTANCE
278-283	S89° 16' 53"E	11.90'
283-285	N00° 43' 20"E	37.78'
285-286	N00° 42' 06"E	2.00'
286-287	N89° 08' 42"W	27.00'
287-288	N00° 42' 06"E	16.00'
288-289	N89° 28' 43"W	2.00'
289-291	S00° 42' 06"W	17.99'
291-285	S89° 08' 42"E	29.00'

NOTES:

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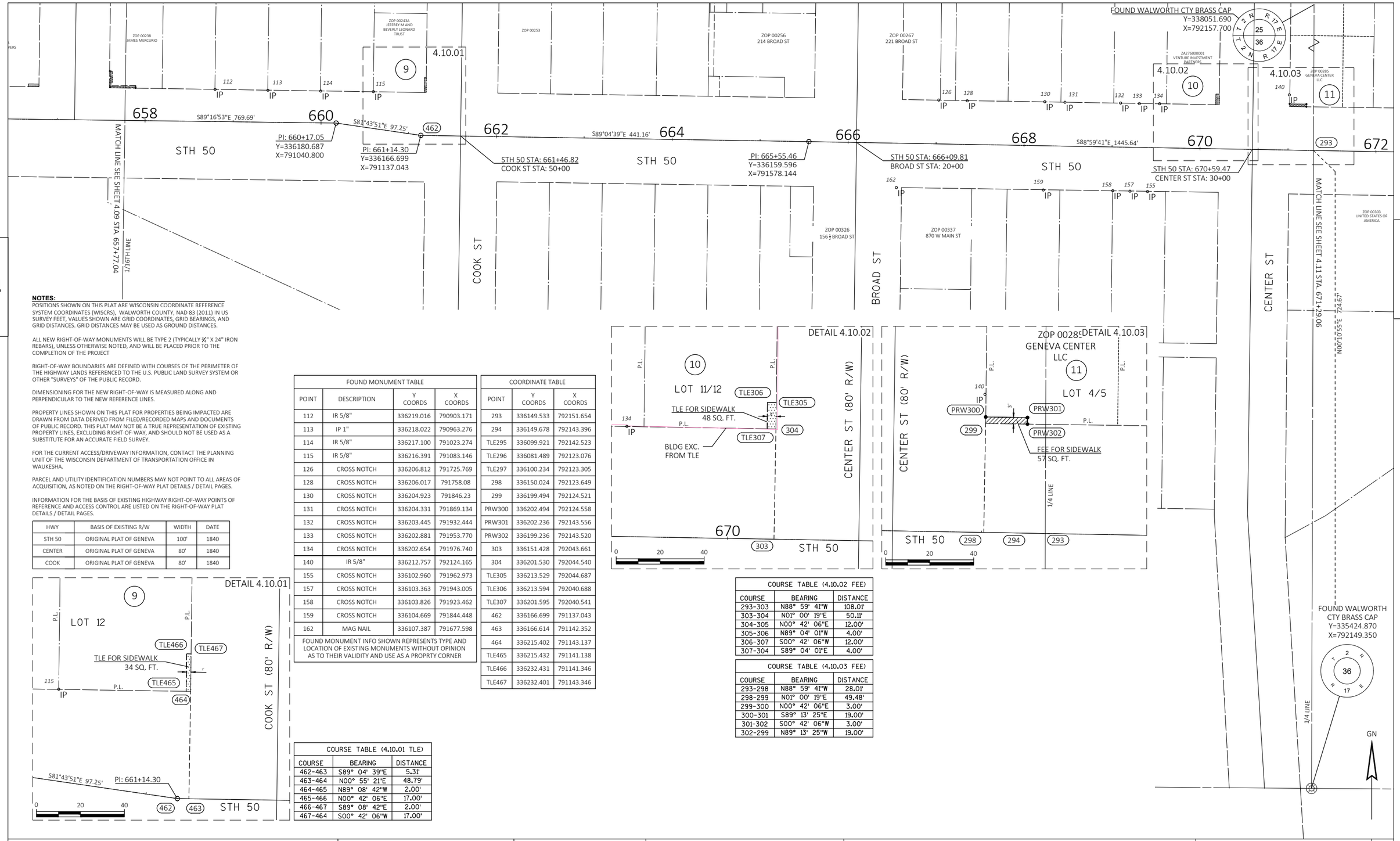
INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.

REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 50 100	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.09
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 564 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.09 50

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD 83 (2011) IN US SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	ORIGINAL PLAT OF GENEVA	100'	1840
CENTER	ORIGINAL PLAT OF GENEVA	80'	1840
COOK	ORIGINAL PLAT OF GENEVA	80'	1840

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
112	IR 5/8"	336219.016	790903.171
113	IP 1"	336218.022	790963.276
114	IR 5/8"	336217.100	791023.274
115	IR 5/8"	336216.391	791083.146
126	CROSS NOTCH	336206.812	791725.769
128	CROSS NOTCH	336206.017	791758.08
130	CROSS NOTCH	336204.923	791846.23
131	CROSS NOTCH	336204.331	791869.134
132	CROSS NOTCH	336203.445	791932.444
133	CROSS NOTCH	336202.881	791953.770
134	CROSS NOTCH	336202.654	791976.740
140	IR 5/8"	336212.757	792124.165
155	CROSS NOTCH	336102.960	791962.973
157	CROSS NOTCH	336103.363	791943.005
158	CROSS NOTCH	336103.826	791923.462
159	CROSS NOTCH	336104.669	791844.448
162	MAG NAIL	336107.387	791677.598

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
293	336149.533	792151.654
294	336149.678	792143.396
TLE295	336099.921	792142.523
TLE296	336081.489	792123.076
TLE297	336100.234	792123.305
298	336150.024	792123.649
299	336199.494	792124.521
PRW300	336202.494	792124.558
PRW301	336202.236	792143.556
PRW302	336199.236	792143.520
303	336151.428	792043.661
304	336201.530	792044.540
TLE305	336213.529	792044.687
TLE306	336213.594	792040.688
TLE307	336201.595	792040.541
462	336166.699	791137.043
463	336166.614	791142.352
464	336215.402	791143.137
TLE465	336215.432	791141.138
TLE466	336232.431	791141.346
TLE467	336232.401	791143.346

COURSE TABLE (4.10.01 TLE)		
COURSE	BEARING	DISTANCE
462-463	S89° 04' 39"E	5.31'
463-464	N00° 55' 21"E	48.79'
464-465	N89° 08' 42"W	2.00'
465-466	N00° 42' 06"E	17.00'
466-467	S89° 08' 42"E	2.00'
467-464	S00° 42' 06"W	17.00'

COURSE TABLE (4.10.02 FEE)		
COURSE	BEARING	DISTANCE
293-303	N88° 59' 41"W	108.01'
303-304	N01° 00' 19"E	50.11'
304-305	N00° 42' 06"E	12.00'
305-306	N89° 04' 01"W	4.00'
306-307	S00° 42' 06"W	12.00'
307-304	S89° 04' 01"E	4.00'

COURSE TABLE (4.10.03 FEE)		
COURSE	BEARING	DISTANCE
293-298	N88° 59' 41"W	28.01'
298-299	N01° 00' 19"E	49.48'
299-300	N00° 42' 06"E	3.00'
300-301	S89° 13' 25"E	19.00'
301-302	S00° 42' 06"W	3.00'
302-299	N89° 13' 25"W	19.00'

REVISION DATE			
03/05/2026			
06/04/2026			

DATE 01/20/2025

GRID FACTOR

SCALE, FEET 0 50 100

HWY: STH 50

COUNTY: WALWORTH

STATE R/W PROJECT NUMBER 3170-09-20

CONSTRUCTION PROJECT NUMBER

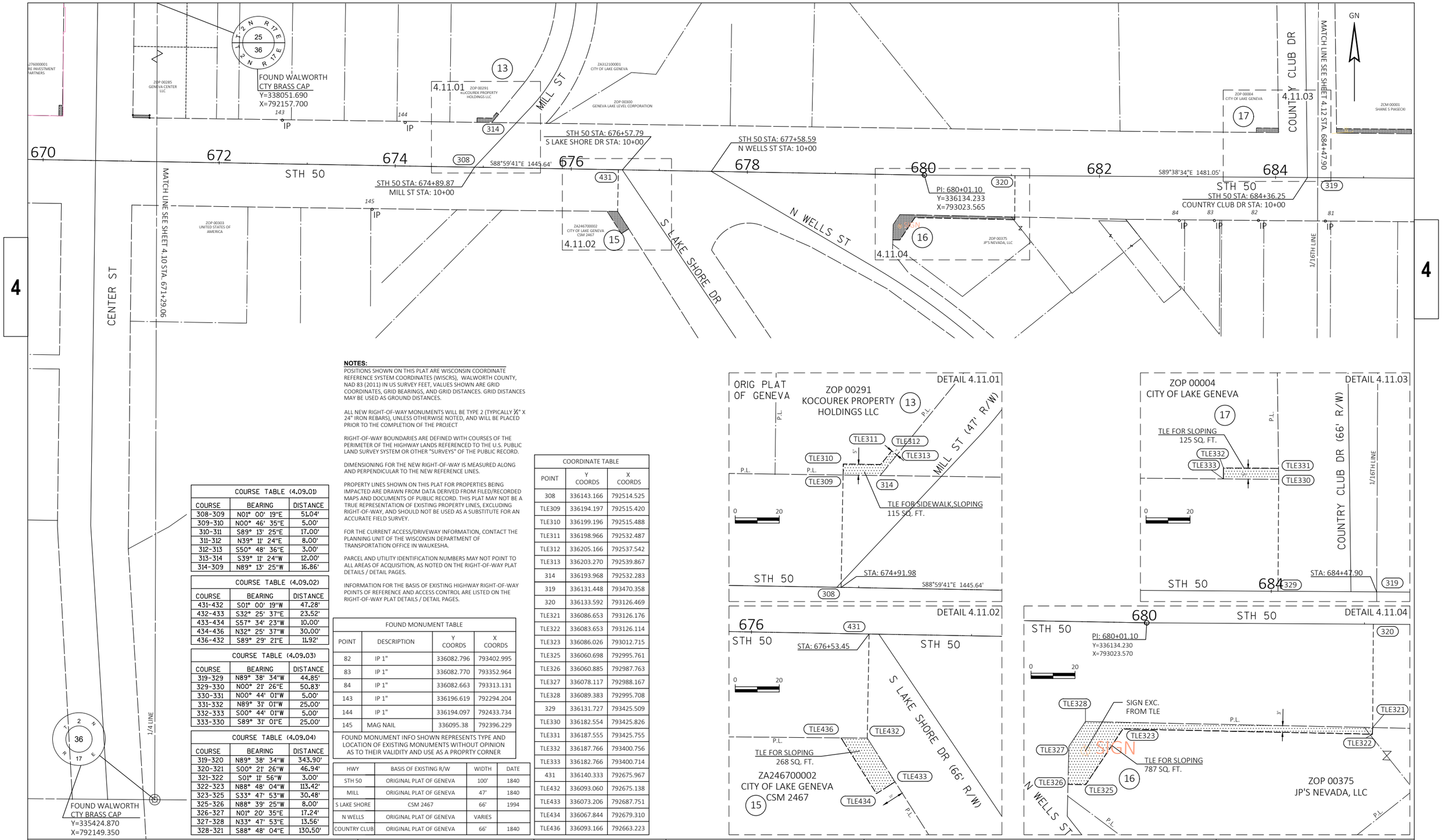
PLAT SHEET 4.10

PS&E SHEET 565 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.10 50

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD 83 (2011) IN US SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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COURSE TABLE (4.09.01)		
COURSE	BEARING	DISTANCE
308-309	N01° 00' 19"E	51.04'
309-310	N00° 46' 35"E	5.00'
310-311	S89° 13' 25"E	17.00'
311-312	N39° 11' 24"E	8.00'
312-313	S50° 48' 36"E	3.00'
313-314	S39° 11' 24"W	12.00'
314-309	N89° 13' 25"W	16.86'

COURSE TABLE (4.09.02)		
COURSE	BEARING	DISTANCE
431-432	S01° 00' 19"W	47.28'
432-433	S32° 25' 37"E	23.52'
433-434	S57° 34' 23"W	10.00'
434-436	N32° 25' 37"W	30.00'
436-432	S89° 29' 21"E	11.92'

COURSE TABLE (4.09.03)		
COURSE	BEARING	DISTANCE
319-329	N89° 38' 34"W	44.85'
329-330	N00° 21' 26"E	50.83'
330-331	N00° 44' 01"W	5.00'
331-332	N89° 31' 01"W	25.00'
332-333	S00° 44' 01"W	5.00'
333-330	S89° 31' 01"E	25.00'

COURSE TABLE (4.09.04)		
COURSE	BEARING	DISTANCE
319-320	N89° 38' 34"W	343.90'
320-321	S00° 21' 26"W	46.94'
321-322	S01° 11' 56"W	3.00'
322-323	N88° 48' 04"W	113.42'
323-325	S33° 47' 53"W	30.48'
325-326	N88° 39' 25"W	8.00'
326-327	N01° 20' 35"E	17.24'
327-328	N33° 47' 53"E	13.56'
328-321	S88° 48' 04"E	130.50'

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
82	IP 1"	336082.796	793402.995
83	IP 1"	336082.770	793352.964
84	IP 1"	336082.663	793313.131
143	IP 1"	336196.619	792294.204
144	IP 1"	336194.097	792433.734
145	MAG NAIL	336095.38	792396.229
FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER			

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	ORIGINAL PLAT OF GENEVA	100'	1840
MILL	ORIGINAL PLAT OF GENEVA	47'	1840
S LAKE SHORE	CSM 2467	66'	1994
N WELLS	ORIGINAL PLAT OF GENEVA	VARIES	
COUNTRY CLUB	ORIGINAL PLAT OF GENEVA	66'	1840

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
308	336143.166	792514.525
TLE309	336194.197	792515.420
TLE310	336199.196	792515.488
TLE311	336198.966	792532.487
TLE312	336205.166	792537.542
TLE313	336203.270	792539.867
314	336193.968	792532.283
319	336131.448	793470.358
320	336133.592	793126.469
TLE321	336086.653	793126.176
TLE322	336083.653	793126.114
TLE323	336086.026	793012.715
TLE325	336060.698	792995.761
TLE326	336060.885	792987.763
TLE327	336078.117	792988.167
TLE328	336089.383	792995.708
329	336131.727	793425.509
TLE330	336182.554	793425.826
TLE331	336187.555	793425.755
TLE332	336187.766	793400.756
TLE333	336182.766	793400.714
431	336140.333	792675.967
TLE432	336093.060	792675.138
TLE433	336073.206	792687.751
TLE434	336067.844	792679.310
TLE436	336093.166	792663.223

REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 50 100	HWY: STH 50
	GRID FACTOR		COUNTY: WALWORTH

STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.11	
CONSTRUCTION PROJECT NUMBER	PS&E SHEET 566	E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.11 50

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

NOTES:

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STH 50	ORIGINAL PLAT OF GENEVA	100'	1840
HAVENWOOD	ORIGINAL PLAT OF GENEVA	60'	1840
EAST	ORIGINAL PLAT OF GENEVA	66'	1840
N CURTIS	ORIGINAL PLAT OF GENEVA	63'	1840

CURVE 4
PI STA = 696+76.97
Y = 336123.785
X = 794699.404
DELTA = 11°38'56" LT
D = 3°00'00"
T = 194.82'
L = 388.30'
R = 1909.90'
PC STA = 694+82.15
Y = 336124.999
X = 794504.586
PT STA = 698+70.45
Y = 336161.931
X = 794890.455

FOUND WALWORTH CTY BRASS CAP
Y=338039.683
X=794799.123

SIGN EXC. FROM TLE

TLE FOR SLOPING 5333 SQ. FT.

PLE FOR SIDEWALK 381 SQ. FT.

STH 50 STA: 691+33.33
HAVENWOOD DR STA: 10+00

STH 50 STA: 692+34.44
EAST ST STA: 10+00

STH 50 STA: 687+96.11
WEST ST STA: 10+00

PC: 694+82.15

PI: 696+76.97

STH 50 STA: 697+67.71
N CURTIS ST STA: 10+00

PT: 698+70.45

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
319	336131.448	793470.358
334	336131.316	793491.488
TLE335	336181.282	793576.694
TLE336	336186.282	793576.736
TLE337	336186.999	793491.740
TLE338	336181.998	793491.804
339	336124.999	794504.585
340	336126.723	794228.158
TLE341	336075.789	794227.840
TLE342	336060.123	794227.758
TLE343	336060.165	794222.759
TLE344	336069.831	794222.809
TLE345	336070.109	794189.810
TLE346	336076.109	794189.842
347	336126.966	794189.062
TLE348	336176.117	794189.369
TLE349	336181.116	794189.411
TLE350	336180.863	794219.410
TLE351	336175.864	794219.368
352	336127.342	794128.844
TLE353	336176.672	794129.151
TLE354	336180.672	794129.185
TLE355	336180.801	794113.611
TLE356	336176.802	794113.577
357	336144.532	794789.206
358	336116.945	794789.061
362	336171.058	794789.344
PLE363	336171.654	794718.683
PRW364	336182.300	794789.403
TLE365	336212.745	794789.563
TLE366	336187.108	794664.832
TLE367	336188.335	794519.391
TLE368	336173.335	794519.265
369	336171.866	794789.352
437	336071.157	794788.822
TLE438	336071.318	794758.064
TLE439	336063.314	794758.024
TLE440	336063.382	794750.022
TLE441	336071.386	794750.062
PLE442	336172.654	794718.691
PLE443	336172.569	794728.812

COURSE TABLE (4.10.01)		
COURSE	BEARING	DISTANCE
339-352	N89° 38' 34"W	375.75'
352-353	N00° 21' 26"E	49.33'
353-354	N00° 29' 19"E	4.00'
354-355	N89° 31' 28"W	15.57'
355-356	S00° 29' 19"W	4.00'
356-353	S89° 31' 28"E	15.57'

COURSE TABLE (4.10.02)		
COURSE	BEARING	DISTANCE
339-347	N89° 38' 34"W	315.53'
347-348	N00° 21' 26"E	49.15'
348-349	N00° 29' 19"E	5.00'
349-350	S89° 31' 01"E	30.00'
350-351	S00° 29' 19"W	5.00'
351-348	N89° 31' 01"W	30.00'

COURSE TABLE (4.10.03)		
COURSE	BEARING	DISTANCE
357-437	S00° 17' 59"W	73.28'
437-438	N89° 42' 17"W	30.00'
438-439	S00° 17' 59"W	8.00'
439-440	N89° 31' 01"W	8.00'
440-441	N00° 17' 59"E	8.00'
441-438	S89° 31' 01"E	8.00'

COURSE TABLE (4.10.04)		
COURSE	BEARING	DISTANCE
319-334	S89° 38' 34"E	21.13'
334-338	N00° 21' 26"E	50.68'
338-337	N00° 44' 01"W	5.00'
337-336	S89° 31' 01"E	85.00'
336-335	S00° 44' 01"W	5.00'
335-338	N89° 31' 01"W	85.00'

COURSE TABLE (4.10.05)		
COURSE	BEARING	DISTANCE
339-340	N89° 38' 34"W	276.43'
340-341	S00° 21' 26"W	50.93'
341-342	S00° 17' 59"W	15.67'
342-343	N89° 31' 01"W	5.00'
343-344	N00° 17' 59"E	9.67'
344-345	N89° 31' 01"W	33.00'
345-346	N00° 17' 59"E	6.00'
346-341	S89° 31' 01"E	38.00'

COURSE TABLE (22 PLE)		
COURSE	BEARING	DISTANCE
357-362	N00° 17' 59"E	26.53'
362-364	N00° 17' 59"E	11.24'
364-443	S80° 52' 33"W	61.37'
443-442	N89° 31' 01"W	10.12'
442-363	S00° 28' 59"W	1.00'
363-362	S89° 31' 01"E	70.66'

COURSE TABLE (22)		
COURSE	BEARING	DISTANCE
357-364	N00° 17' 59"E	37.77'
364-365	N00° 17' 59"E	30.45'
365-366	S78° 23' 07"W	127.34'
366-367	N89° 31' 01"W	145.45'
367-368	S00° 28' 59"W	15.00'
368-363	S89° 31' 01"E	199.42'
363-442	N00° 28' 59"E	1.00'
442-443	S89° 31' 01"E	10.12'
443-364	N80° 52' 33"E	61.37'

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
71	IP 1"	336076.682	794293.935
72	IP 1"	336193.586	794189.677
74	IP 1"	336076.721	794188.508
75	IP 1"	336077.871	794075.388
76	IP 1"	336078.754	793999.652
77	IR 5/8"	336080.211	793848.083
78	IR 5/8"	336082.603	793783.05
79	IP 1"	336079.577	793661.896
80	IP 1"	336082.736	793554.823
81	IP 1"	336082.053	793478.990

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

DETAIL 4.12.01

DETAIL 4.12.02

DETAIL 4.12.03

DETAIL 4.12.04

DETAIL 4.12.05

REVISION DATE			
03/05/2026			
06/04/2026			

DATE 01/20/2025

GRID FACTOR

SCALE, FEET 0 50 100

HWY: STH 50

COUNTY: WALWORTH

STATE R/W PROJECT NUMBER 3170-09-20

CONSTRUCTION PROJECT NUMBER

PLAT SHEET 4.12

PS&E SHEET 567 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.12 50

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

FOUND WALWORTH
CTY BRASS CAP
Y=338039.683
X=794799.123

CITY

NW-NW

NE-NW

1/16TH LINE

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD 83 (2011) IN US SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
57	IP 1"	336165.043	795923.310
60	IR 5/8"	336266.495	795582.990
62	IR 5/8"	336207.439	795287.895
64	IP 1"	336147.792	794989.127
65	IP 1"	336134.446	794922.261
66	IR 5/8"	336116.516	794821.637

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	ORIGINAL PLAT OF GENEVA	100'	1840
N CURTIS	ORIGINAL PLAT OF GENEVA	63'	1840
WEST DR	LAKE GENEVA GOLF HILLS	40'	1947

COURSE TABLE (23 PLE)		
COURSE	BEARING	DISTANCE
365-470	N78° 23' 07"E	591.86'
470-448	N11° 36' 53"W	5.00'
448-449	N78° 23' 07"E	40.00'
449-450	S11° 36' 53"E	40.00'
450-451	S78° 23' 07"W	40.00'
451-448	N11° 36' 53"W	40.00'

500 ALLIANT ENERGY - ELEC
NO RECORD OF EASEMENT
PARCEL 24

501 WE ENERGIES - GAS
DOC. 369361-PARCEL 23
DOC. 386039-PARCEL 23

504 AT&T WISCONSIN
DOC. 221759-PARCEL 24
DOC. 221749-PARCEL 26
DOC. 221750-PARCEL 27
DOC. 635628-PARCEL 27

COURSE TABLE (FEE)		
COURSE	BEARING	DISTANCE
357-369	N00° 17' 59"E	27.33'
369-364	N00° 17' 59"E	10.43'
364-370	N80° 52' 33"E	119.90'
370-468	N78° 23' 07"E	1324.66'
468-469	S11° 36' 53"E	5.00'
469-369	S78° 23' 07"W	1446.61'

COURSE TABLE (23)		
COURSE	BEARING	DISTANCE
365-470	N78° 23' 07"E	591.86'
470-451	S11° 36' 53"E	35.00'
451-370	S78° 23' 07"W	478.36'
370-364	S80° 52' 33"W	119.90'
364-365	N00° 17' 59"E	30.45'

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
357	336144.532	794789.206
358	336116.945	794789.061
TLE359	336116.773	794822.058
TLE360	336119.375	794836.831
TLE361	336101.773	794821.978
369	336171.866	794789.352
371	336403.076	796098.197
387	336440.898	796098.267
PRW364	336182.300	794789.403
TLE365	336212.745	794789.563
PRW370	336201.314	794907.790
PLE448	336336.802	795368.298
PLE449	336344.856	795407.479
PLE450	336305.675	795415.532
PLE451	336297.622	795376.351
TLE391	336369.088	795550.212
TLE392	336354.395	795553.232

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
PRW468	336468.008	796205.329
PRW469	336463.111	796206.336
TLE470	336331.905	795369.305
TLE471	336339.958	795408.486

COURSE TABLE (4.13.01)		
COURSE	BEARING	DISTANCE
357-358	S00° 17' 59"W	27.59'
358-359	S89° 42' 01"E	33.00'
359-360	N80° 00' 34"E	15.00'
360-361	S40° 09' 31"W	23.03'
361-359	N00° 18' 29"E	15.00'

MATCH LINE SEE SHEET 4.12 STA. 697+67.71

N00°17'59"E 1826.96'

4

GAS ESMT
DOC 386039

P.L.

SW-NW

23

PLE FOR DRAINAGE
1600 SQ. FT.

FEE FOR SIDEWALK
7545 SQ. FT.

TLE FOR SLOPING
20529 SQ. FT.

N78°23'07"E 591.86'

WALL EXC.
FROM TLE

TLE365
PRW364
PRW370

ZA 119100001
JOHN TYSHENKO JR.

ZYUP 00131
CITY OF LAKE GENEVA

N78°42'30"E 2108.68'

700
STH 50

PT: 698+70.45

698

369

357

CURVE 4
PI: 696+76.97

STH 50 STA: 697+67.71
N CURTIS ST STA: 10+00

24

4.13.01

ZA 78900001
W.H.J. PROPERTIES LLC

CURVE 4
PI STA = 696+76.97
Y = 336123.785
X = 794699.404
DELTA = 11°38'56" LT
D = 3°00'00"
T = 194.82'
L = 388.30'
R = 1909.90'
PC STA = 694+82.15
Y = 336124.999
X = 794504.586
PT STA = 698+70.45
Y = 336161.931
X = 794890.455

N CURTIS ST (63' ROW)

1/4 LINE

FOUND WALWORTH
CTY BRASS CAP
Y=335405.343
X=794785.338

OF SHEET 4.14

ZYUP 00131
CITY OF LAKE GENEVA

WALL EXC.
FROM TLE

TLE FOR SLOPING
22881 SQ. FT.

WALL EXC.
FROM TLE

501

510

387

371

712

710

708

706

704

702

STH 50

N78°42'30"E 2108.68'

STH 50 STA: 709+06.06
WEST DR STA: 10+00

WEST DR (40' ROW)

ZYUP 00131

ZYUP 00107
FRANKLIN D
GUSKE SR
TRUST

ZA 194200001
DECORUM LAKE
GENEVA LLC

CSM 1942

LAKE

27

26

60

62

57

IP

P.L.

MATCH LINE SEE SHEET 4.16 STA. 711+02.03

N00°06'25"E 1016.70'

SW 1/4 OF THE NW 1/4 OF SECTION 31-2-18
SE 1/4 OF THE NW 1/4 OF SECTION 31-2-18

SE-NW

GENEVA

1/4 LINE

4

GN

DETAIL 4.13.01

698

PT: 698+70.45

357

TLE FOR SLOPING
111 SQ. FT.

TLE359

TLE360

TLE361

AT&T WI ESMT
DOC 221759

358

500

504

24

0 20

ZA 78900001
W.H.J. PROPERTIES LLC

REVISION DATE			
03/05/2026			
06/04/2026			

DATE 01/20/2025

GRID FACTOR

SCALE, FEET
0 50 100

HWY: STH 50

COUNTY: WALWORTH

STATE R/W PROJECT NUMBER 3170-09-20

CONSTRUCTION PROJECT NUMBER

PLAT SHEET 4.13

PS&E SHEET 568 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.13 50

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

FOUND WALWORTH CTY BRASS CAP
Y=338039.683
X=794799.123

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
57	IP 1"	336165.043	795923.310
60	IR 5/8"	336266.495	795582.990
FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER			

NOTES:

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T 2 N R 17 E | T 2 N R 18 E | 25 | 30 | 36 | 31 | T 1 N R 17 E | T 1 N R 18 E

CITY OF LAKE GENEVA

ZYUP 00131

SW-NW

GAS ESMT
DOC 369361

501

510

OF

23

N00°17'59"E 1826.96'

N78°23'07"E 591.86'

35'

50'

P.L.

708

372

STA: 708+79.05

N78°42'30"E 2108.68'

STH 50

706

379

STA: 706+12.17

386

STA: 705+12.88

704

TLE FOR SLOPING
1093 SQ. FT.

TLE373

TLE374

TLE378

TLE377

TLE376

TLE375

AT&T WI ESMT
DOC 221750

LAKE

27

WEST DR (40' ROW)

PLE383

PLE380

IP

60

PLE384

PLE381

PLE382

PLE385

PLE FOR DRAINAGE
461 SQ. FT.

PLE FOR DRAINAGE
1130 SQ. FT.

AT&T WI ESMT
DOC 635628

AT&T WI ESMT
DOC 221749

26

43.51'

S78°47'16"W 55.46'

PLE453

PLE452

PLE454

PLE455

PLE FOR DRAINAGE
480 SQ. FT.

N00°17'59"E 2634.36'

N00°17'59"E 850.69'

ZYUP 00107
FRANKLIN D
GUSKE SR
TRUST

ZA 194200001
DECORUM LAKE
GENEVA LLC

CSM 1942

GENEVA

GN

57

IP

COURSE TABLE		
COURSE	BEARING	DISTANCE
379-380	S11° 17' 30"E	34.23'
380-381	S52° 04' 04"W	44.14'
381-382	S78° 47' 16"W	5.40'
382-383	N00° 17' 59"E	20.41'
383-380	N79° 00' 17"E	40.75'

COURSE TABLE (PLE)		
COURSE	BEARING	DISTANCE
453-454	S11° 12' 44"E	12.00'
454-455	S78° 47' 16"W	40.00'
455-452	N11° 12' 44"W	12.00'
452-453	N78° 47' 16"E	40.00'

COURSE TABLE		
COURSE	BEARING	DISTANCE
386-384	S11° 17' 30"E	33.94'
384-383	N78° 47' 16"E	58.54'
383-382	S00° 17' 59"W	20.41'
382-385	S78° 47' 16"W	54.47'
385-384	N11° 12' 48"W	20.00'

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
372	336359.416	795879.529
TLE373	336324.457	795886.509
TLE374	336304.056	795886.367
TLE375	336298.338	795856.917
TLE376	336306.191	795855.392
TLE377	336299.007	795818.392
TLE378	336310.787	795816.105
379	336307.160	795617.814
PLE380	336273.589	795624.517
PLE381	336246.456	795589.704
PLE382	336245.407	795584.410
PLE383	336265.817	795584.517
PLE384	336254.434	795527.095
PLE385	336234.816	795530.984
386	336287.719	795520.449
PLE452	336227.414	795390.781
PLE453	336235.191	795430.018
PLE454	336223.420	795432.351
PLE455	336215.643	795393.114

COURSE TABLE		
COURSE	BEARING	DISTANCE
372-373	S11° 17' 30"E	35.65'
373-374	S00° 23' 53"W	20.40'
374-375	S79° 00' 44"W	30.00'
375-376	N10° 59' 16"W	8.00'
376-377	S79° 00' 44"W	37.69'
377-378	N10° 59' 16"W	12.00'
378-373	N79° 00' 44"E	71.72'

1/4 LINE

T 2 N R 18 E | T 1 N R 18 E | 36 | 31

FOUND WALWORTH CTY BRASS CAP
Y=335405.343
X=794785.338

1/4 LINE

S89°10'17"E 694.70'

S89°10'17"E 2622.20'

SW-NW

T 2 N R 19 E | 31 | 18

FOUND WALWORTH CTY BRASS CAP
Y=335367.419
X=797407.264

4

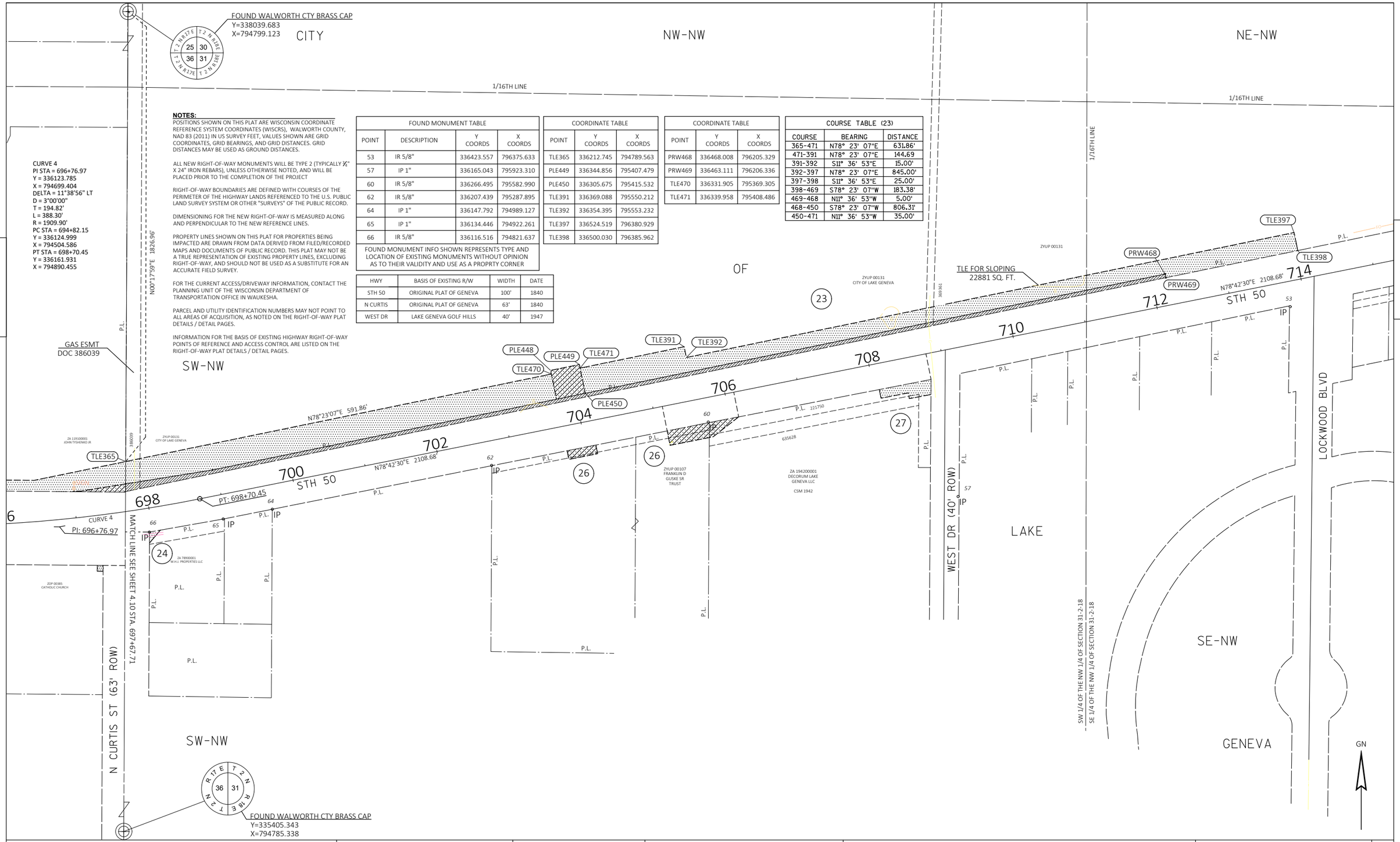
4

REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 20 40	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-70	PLAT SHEET 4.14
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 569 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.14 DETAIL

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD 83 (2011) IN US SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
53	IR 5/8"	336423.557	796375.633
57	IP 1"	336165.043	795923.310
60	IR 5/8"	336266.495	795582.990
62	IR 5/8"	336207.439	795287.895
64	IP 1"	336147.792	794989.127
65	IP 1"	336134.446	794922.261
66	IR 5/8"	336116.516	794821.637

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
TLE365	336212.745	794789.563
PLE449	336344.856	795407.479
PLE450	336305.675	795415.532
TLE391	336369.088	795550.212
TLE392	336354.395	795553.232
TLE397	336524.519	796380.929
TLE398	336500.030	796385.962

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
PRW468	336468.008	796205.329
PRW469	336463.111	796206.336
TLE470	336331.905	795369.305
TLE471	336339.958	795408.486

COURSE TABLE (23)		
COURSE	BEARING	DISTANCE
365-471	N78° 23' 07"E	631.86'
471-391	N78° 23' 07"E	144.69
391-392	S11° 36' 53"E	15.00'
392-397	N78° 23' 07"E	845.00'
397-398	S11° 36' 53"E	25.00'
398-469	S78° 23' 07"W	183.38'
469-468	N11° 36' 53"W	5.00'
468-450	S78° 23' 07"W	806.31'
450-471	N11° 36' 53"W	35.00'

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	ORIGINAL PLAT OF GENEVA	100'	1840
N CURTIS	ORIGINAL PLAT OF GENEVA	63'	1840
WEST DR	LAKE GENEVA GOLF HILLS	40'	1947

FOUND WALWORTH CTY BRASS CAP
Y=335405.343
X=794785.338

REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 60 120	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.15
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 570 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.15 60 DETAIL

PLOT DATE : 6/17/2026 4:01 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD 83 (2011) IN US SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF THE PUBLIC RECORD.

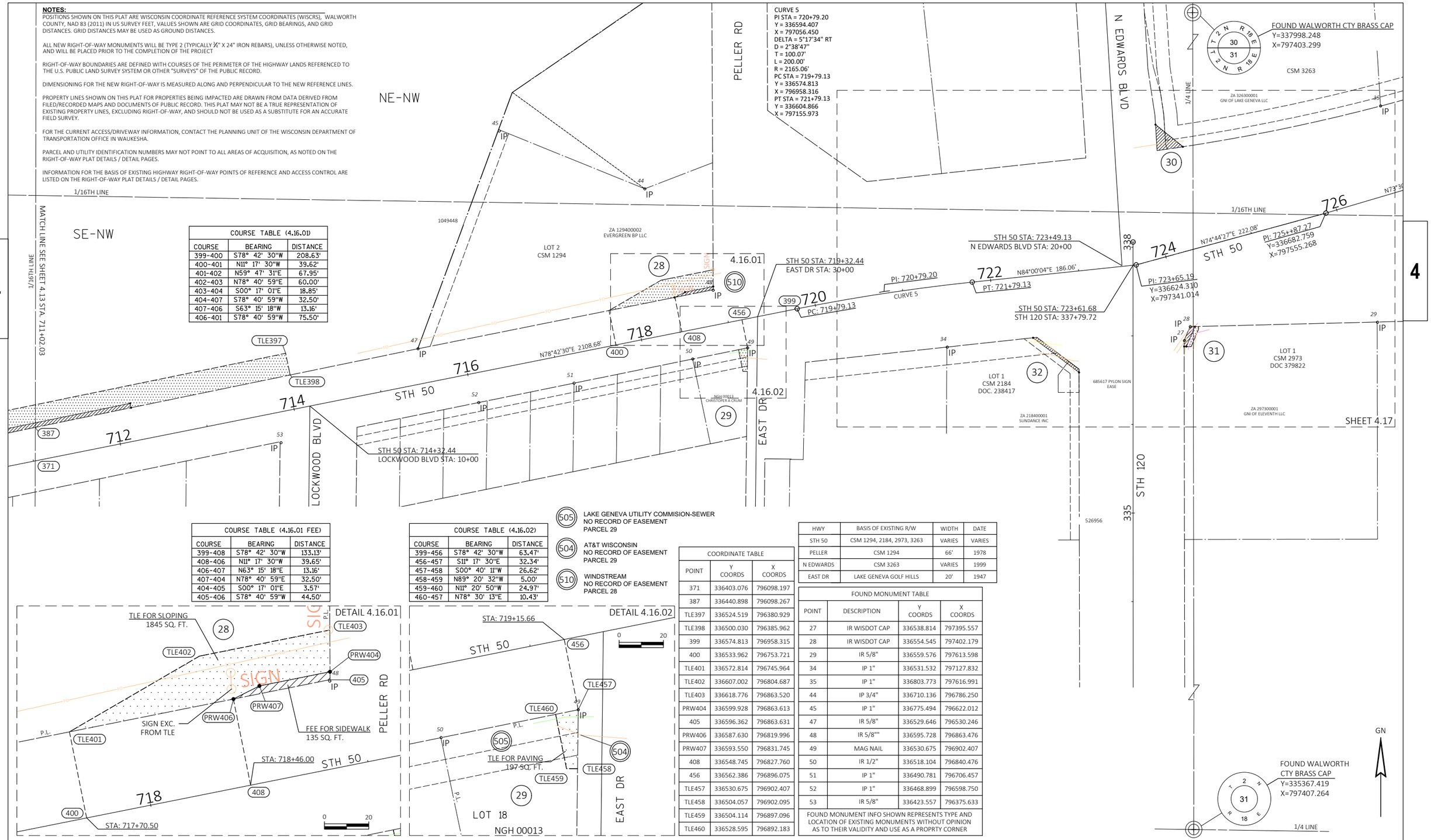
DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.



COURSE TABLE (4.16.01)		
COURSE	BEARING	DISTANCE
399-400	S78° 42' 30"W	208.63'
400-401	N11° 17' 30"W	39.62'
401-402	N59° 47' 31"E	67.95'
402-403	N78° 40' 59"E	60.00'
403-404	S00° 17' 01"E	18.85'
404-407	S78° 40' 59"W	32.50'
407-406	S63° 15' 18"W	13.16'
406-401	S78° 40' 59"W	75.50'

COURSE TABLE (4.16.01 FEE)		
COURSE	BEARING	DISTANCE
399-408	S78° 42' 30"W	133.13'
408-406	N11° 17' 30"W	39.65'
406-407	N63° 15' 18"E	13.16'
407-404	N78° 40' 59"E	32.50'
404-405	S00° 17' 01"E	3.57'
405-406	S78° 40' 59"W	44.50'

COURSE TABLE (4.16.02)		
COURSE	BEARING	DISTANCE
399-456	S78° 42' 30"W	63.47'
456-457	S11° 17' 30"E	32.34'
457-458	S00° 40' 11"W	26.62'
458-459	N89° 20' 32"W	5.00'
459-460	N11° 20' 50"W	24.97'
460-457	N78° 30' 13"E	10.43'

505 LAKE GENEVA UTILITY COMMISION-SEWER
NO RECORD OF EASEMENT
PARCEL 29

504 AT&T WISCONSIN
NO RECORD OF EASEMENT
PARCEL 29

510 WINDSTREAM
NO RECORD OF EASEMENT
PARCEL 28

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
371	336403.076	796098.197
387	336440.898	796098.267
TLE397	336524.519	796380.929
TLE398	336500.030	796385.962
399	336574.813	796958.315
400	336533.962	796753.721
TLE401	336572.814	796745.964
TLE402	336607.002	796804.687
TLE403	336618.776	796863.520
PRW404	336599.928	796863.613
405	336596.362	796863.631
PRW406	336587.630	796819.996
PRW407	336593.550	796831.745
408	336548.745	796827.760
456	336562.386	796896.075
TLE457	336530.675	796902.407
TLE458	336504.057	796902.095
TLE459	336504.114	796897.096
TLE460	336528.595	796892.183

HWY	BASIS OF EXISTING R/W	WIDTH	DATE
STH 50	CSM 1294, 2184, 2973, 3263	VARIES	VARIES
PELLER	CSM 1294	66'	1978
N EDWARDS	CSM 3263	VARIES	1999
EAST DR	LAKE GENEVA GOLF HILLS	20'	1947

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
27	IR WISDOT CAP	336538.814	797395.557
28	IR WISDOT CAP	336554.545	797402.179
29	IR 5/8"	336559.576	797613.598
34	IP 1"	336531.532	797127.832
35	IP 1"	336803.773	797616.991
44	IP 3/4"	336710.136	796786.250
45	IP 1"	336775.494	796622.012
47	IR 5/8"	336529.646	796530.246
48	IR 5/8""	336595.728	796863.476
49	MAG NAIL	336530.675	796902.407
50	IR 1/2"	336518.104	796840.476
51	IP 1"	336490.781	796706.457
52	IP 1"	336468.899	796598.750
53	IR 5/8"	336423.557	796375.633

FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER

REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025	SCALE, FEET 0 50 100	HWY: STH 50	STATE R/W PROJECT NUMBER 3170-09-20	PLAT SHEET 4.16
	GRID FACTOR		COUNTY: WALWORTH	CONSTRUCTION PROJECT NUMBER	PS&E SHEET 571 E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.16 50

PLOT DATE : 6/17/2026 4:02 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD 83 (2011) IN US SURVEY FEET, VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE RIGHT-OF-WAY PLAT DETAILS / DETAIL PAGES.

COORDINATE TABLE		
POINT	Y COORDS	X COORDS
410	336641.859	797405.343
411	336639.269	797395.848
412	336634.923	797379.917
413	336611.774	797221.724
414	336753.404	797364.712
PRW415	336782.710	797362.880
PRW416	336757.660	797394.065
417	336542.523	797229.002
418	336506.702	797276.520
PRW419	336502.941	797276.526
PRW421	336542.054	797224.641
422	336554.586	797401.834
PRW423	336554.722	797407.317
PRW424	336532.132	797397.791
425	336538.881	797395.210
TLE426	336555.414	797435.206
TLE427	336550.927	797418.596
TLE428	336534.055	797400.978
PRW429	336512.876	797395.251
430	336624.310	797341.014

OF

NE-NW

CITY

4

1/16TH LINE

N EDWARDS BLVD

30

ZA 326300001
GNI OF LAKE GENEVA LLC

NW-NE

T 2 N R 18 E
30
31
T 2 N R 18 E

FOUND WALWORTH CTY BRASS CAP
Y=337998.248
X=797403.299

PRW415

FEE FOR SIDEWALK
434 SQ. FT.

504

414

PRW416

COURSE TABLE (FEE)		
COURSE	BEARING	DISTANCE
410-411	S74° 44' 27"W	9.84'
411-414	N15° 15' 33"W	118.31'
414-415	N03° 34' 41"W	29.36'
415-416	S51° 13' 34"E	40.00'
CHD416-414	S81° 44' 59"W	29.66'

N00°05'11"W 1356.39'

1/4 LINE

4

726

N73°30'43"E 657.69'

1/16TH LINE

PI: 725+87.27
Y=336682.760
X=797555.270

STH 50

N74°44'27"E 222.08'

410

411

724

412

338

PI: 723+65.19
Y=336624.310
X=797341.010

430

PI STA = 720+79.20
Y = 336594.407
X = 797056.450
DELTA = 5°17'34" RT
D = 2°38'47"
T = 100.07'
L = 200.00'
R = 2165.06'
PC STA = 719+79.13
Y = 336574.813
X = 796958.316
PT STA = 721+79.13
Y = 336604.866
X = 797155.973

PT: 721+79.13

722

413

N84°00'04"E 186.06'

PI: 720+79.20

COURSE TABLE (FEE)		
COURSE	BEARING	DISTANCE
430-413	S84° 00' 04"W	119.95'
413-417	S05° 59' 56"E	69.63'
417-418	S52° 59' 23"E	59.51'
418-419	S00° 06' 05"E	3.76'
419-421	N52° 59' 23"W	64.98'
421-417	N83° 51' 14"E	4.39'

PRW421

417

501

507

34

IP

UTILITY ESMT
DOC 116423

FEE FOR SIDEWALK
187 SQ. FT.

504

418

PRW419

ELECTRIC/SPECTRUM ESMT
DOC 526956

500

32

PYLON SIGN ESMT
DOC 685617

SE-NW

STH 120

FOUND MONUMENT TABLE			
POINT	DESCRIPTION	Y COORDS	X COORDS
27	IR 3/4" WISDOT CAP	336538.814	797395.557
28	IR 3/4" WISDOT CAP	336554.545	797402.179
29	IR 5/8"	336559.576	797613.598
34	IP 1"	336531.532	797127.832
FOUND MONUMENT INFO SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPRTY CORNER			

504 AT&T WISCONSIN
NO RECORD OF EASEMENT-PARCEL 30,31,32

501 WE ENERGIES - GAS
DOC. NO RECORD OF EASEMENT
PARCEL 32

506 LAKE GENEVA UTILITY COMMISSION-WATER
DOC. 116423
PARCEL 32

507 SPECTRUM
DOC. 526956
PARCEL 32
NO RECORD OF EASEMENT PARCEL - 31

500 ALLIANT ENERGY - ELEC
NO RECORD OF EASEMENT PARCEL - 31
DOC. 526956 - PARCEL 32

ZA 218400001
SUNDANCE INC

LAKE

PRW423

TLE426

TLE427

FENCE AND WALL
EXC. FROM TLE

422

18

IP

FEE FOR SIDEWALK
113 SQ. FT.

425

27

IP

PRW429

PRW424

504

500

507

TLE428

TLE FOR SLOPING
121 SQ. FT.

31

29

IP

COURSE TABLE (FEE)		
COURSE	BEARING	DISTANCE
410-412	S74° 44' 27"W	26.35'
412-422	S15° 15' 33"E	83.27'
422-423	N88° 34' 42"E	5.49'
423-424	S22° 52' 03"W	24.52'
424-429	S89° 54' 36"W	2.57'
429-425	N00° 05' 24"W	6.75'
425-422	N22° 52' 03"E	17.04'

COURSE TABLE		
COURSE	BEARING	DISTANCE
410-412	S74° 44' 27"W	26.35'
412-422	S15° 15' 33"E	83.27'
422-423	N88° 34' 42"E	5.49'
423-426	N88° 34' 42"E	4.13'
426-427	S01° 25' 18"E	3.00'
427-428	S22° 52' 03"W	21.36'
428-424	S89° 54' 36"W	5.43'
424-423	N22° 52' 03"E	24.52'

SE 1/4 OF THE NW 1/4 OF SECTION 31-2-18
SW 1/4 OF THE NE 1/4 OF SECTION 31-2-18

FOUND WALWORTH
CTY BRASS CAP
Y=335367.419
X=797407.264

1 2 4 5 8 9
31
18

ZA 297300001
GNI OF ELEVENTH LLC

GENEVA

SW-NE

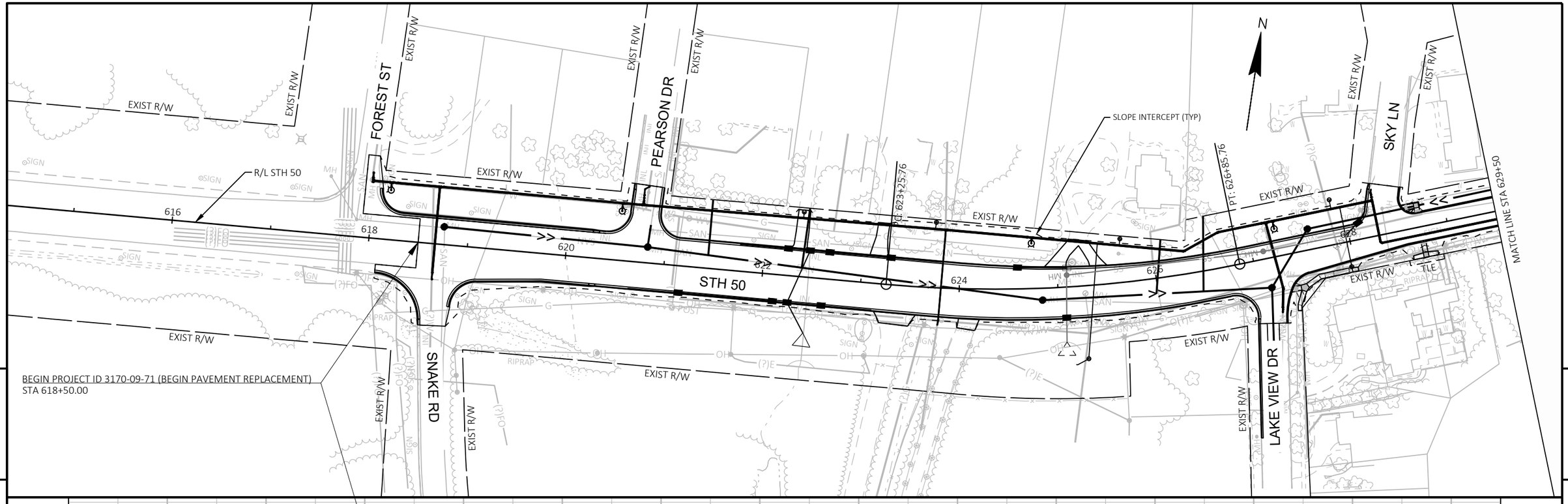
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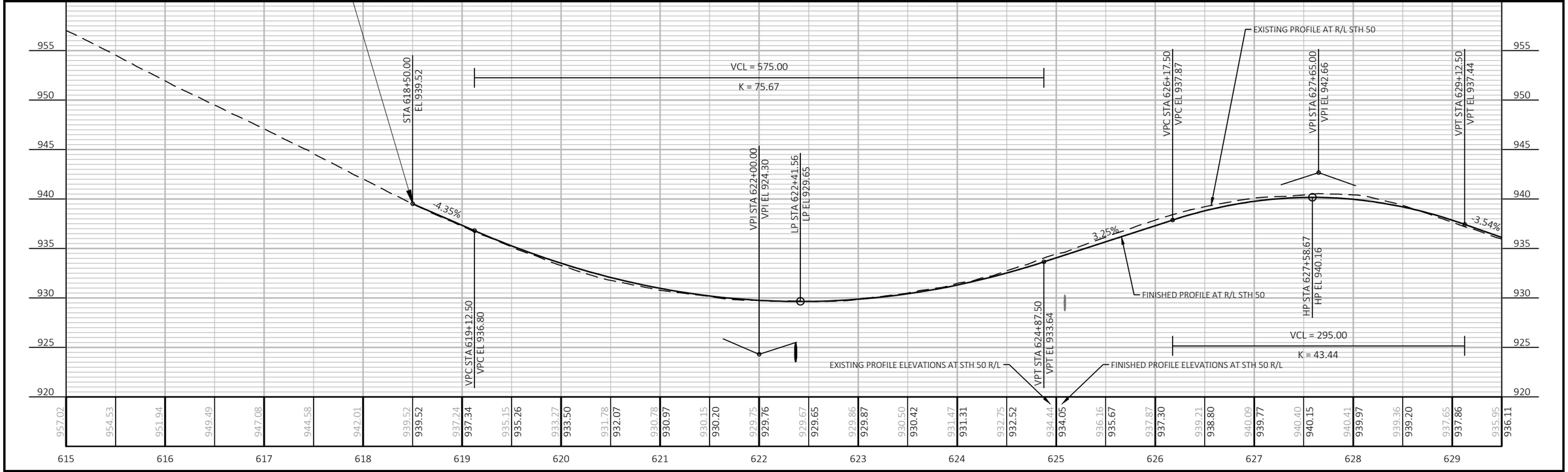
REVISION DATE 03/05/2026 06/04/2026	DATE 01/20/2025 GRID FACTOR	SCALE, FEET 0 20 40	HWY: STH 50 COUNTY: WALWORTH	STATE R/W PROJECT NUMBER 3170-09-20 CONSTRUCTION PROJECT NUMBER	PLAT SHEET 4.17 PS&E SHEET 572	E

FILE NAME : PLAT-STH 50_3170-09-0020.DWG
LAYOUT NAME - 4.17 20 DETAIL

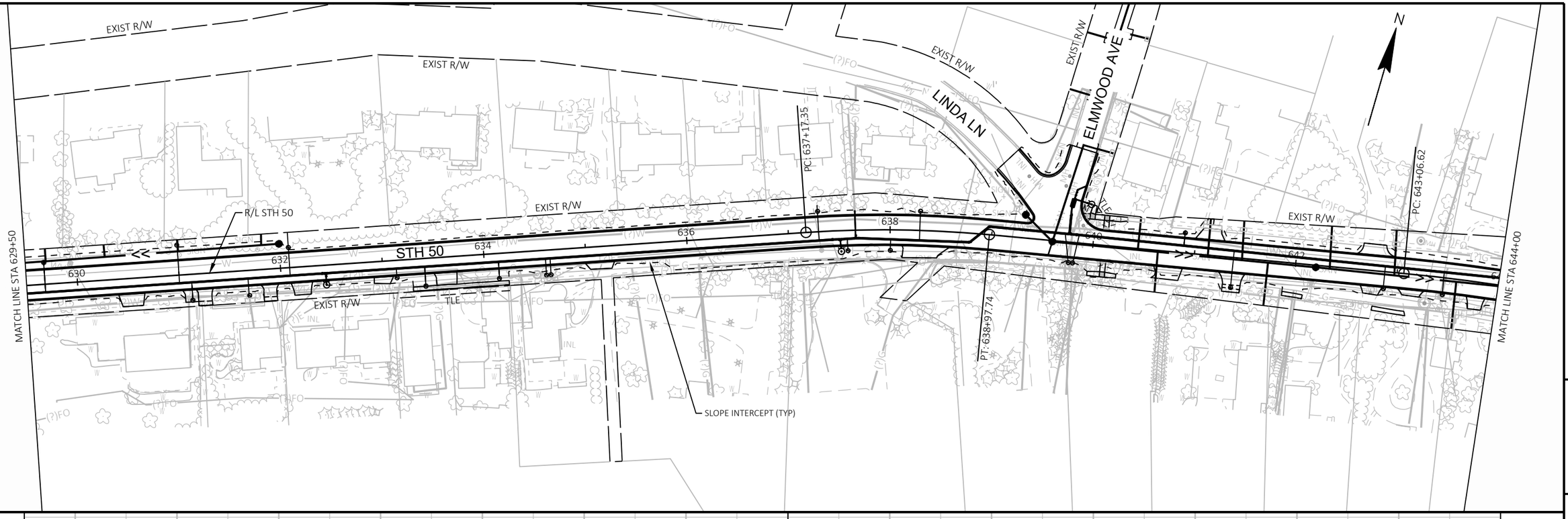
PLOT DATE : 6/17/2026 4:02 PM PLOT BY : STEVE PLOT NAME :

WISDOT/CADDS SHEET 75





PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN AND PROFILE: STH 50	SHEET 573	E

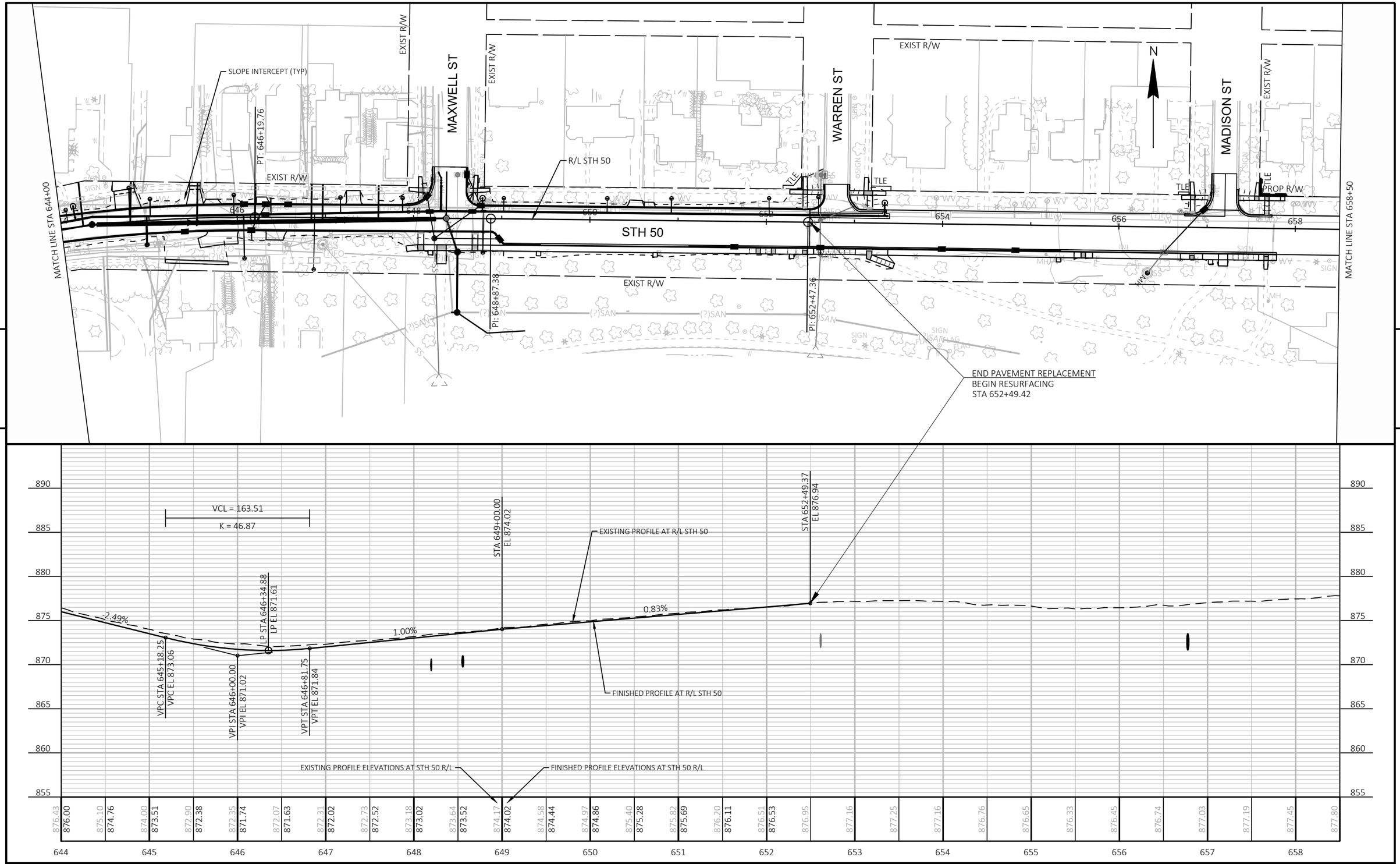


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN AND PROFILE: STH 50	SHEET 574	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 02-pp

PLOT DATE : 9/28/2026 11:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN AND PROFILE: STH 50	SHEET 575	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 03-pp

PLOT DATE : 9/28/2026 11:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

MATCH LINE STA 658+50

MATCH LINE STA 673+00

COOK ST

BROAD ST

CENTER ST

EXIST R/W

SLOPE INTERCEPT (TYP)

PI: 660+17.05

PI: 661+14.30

PI: 665+55.46

R/L STH 50

PROP R/W

STH 50

END RESURFACING
BEGIN PAVEMENT REPLACEMENT
STA 660+97.54

STA 660+97.54 EL 878.56

STA 662+00.00 EL 879.08

STA 663+00.00 EL 879.39

STA 665+00.00 EL 880.73

STA 665+64.50 EL 881.35

STA 666+07.75 EL 881.85

STA 666+59.50 EL 881.62

STA 668+00.00 EL 882.22

VPC STA 670+11.50 EL 883.01 HP

STA 670+26.17 HP EL 883.04

VPI STA 670+81.50 EL 883.27

VPT STA 671+51.50 EL 881.04

EXISTING PROFILE AT R/L STH 50

FINISHED PROFILE AT R/L STH 50

0.51% -0.50% 0.31% 0.30% 0.50% 0.67% 0.30% 0.89% 0.97% 1.03% 1.16% -0.44% -1.85% 0.43% 0.43% 0.37% 0.35% 0.35% -3.20%

0.42% 0.69% 0.55% 0.93% 0.60% -0.75%

STA 661+98.86 EL 878.72
STA 662+03.30 EL 878.70
STA 662+31.71 EL 877.92
STA 663+00.00 EL 878.99
STA 663+00.00 EL 878.20
STA 663+50.00 EL 879.24
STA 664+00.00 EL 879.39
STA 664+00.00 EL 878.89
STA 665+00.00 EL 880.27
STA 665+00.00 EL 879.44
STA 665+59.87 EL 880.00
STA 665+64.58 EL 880.94
STA 666+59.41 EL 881.17
STA 666+59.38 EL 880.22
STA 666+69.29 EL 880.15
STA 666+69.89 EL 880.98
STA 668+00.00 EL 881.53
STA 668+00.00 EL 880.93
STA 670+20.77 EL 881.70
STA 670+16.54 EL 882.30

FINISHED PROFILE ELEVATIONS AT STH 50 CURB & GUTTER FLANGE RT (TYP)

FINISHED PROFILE ELEVATIONS AT STH 50 CURB & GUTTER FLANGE LT (TYP)

VCL = 140.00
K = 39.23

EXISTING PROFILE ELEVATIONS AT STH 50 R/L

FINISHED PROFILE ELEVATIONS AT STH 50 R/L

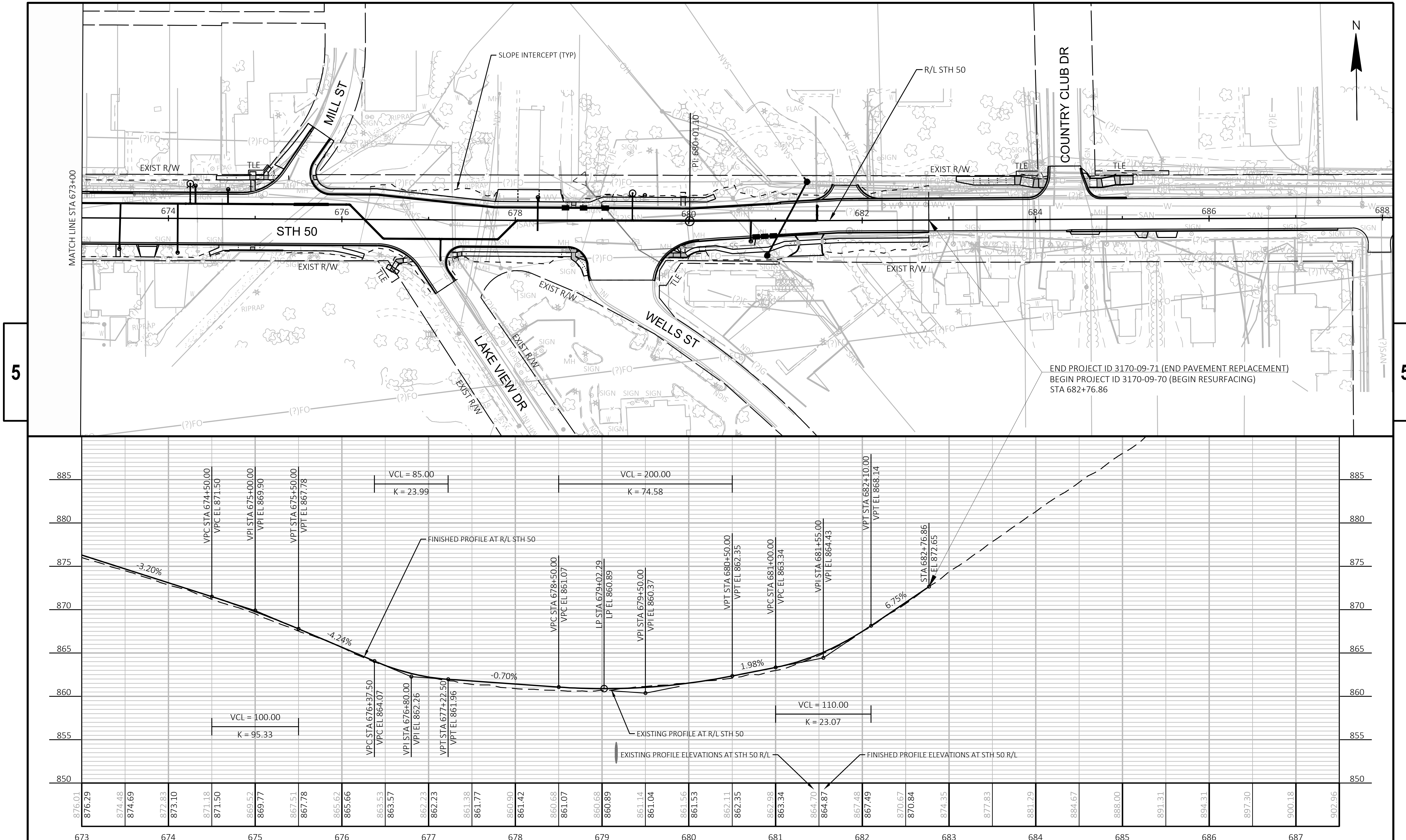
877.80	878.07	878.25	878.44	878.54	878.57	878.57	878.90	878.83	879.30	879.08	879.32	879.24	879.52	879.39	879.73	879.73	880.04	880.06	880.39	880.39	880.73	880.73	881.19	881.21	881.82	881.76	881.79	881.66	881.96	881.79	882.26	882.01	882.53	882.22	882.59	882.41	882.70	882.59	882.73	882.78	882.75	882.97	882.74	882.97	882.18	882.34	880.55	881.08	879.17	879.49	877.56	877.89	876.01	876.29
659					660					661					662					663					664					665					666					667					668					669					670					671					672					673				

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN AND PROFILE: STH 50	SHEET 576 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 04-pp

PLOT DATE : 9/28/2026 11:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	PLAN AND PROFILE: STH 50	SHEET 577	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 05-pp

PLOT DATE : 9/28/2026 11:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

Standard Detail Drawing List

08A05-22A	INLET COVERS TYPE A, H, A-S, H-S AND Z
08A05-22B	INLET COVERS TYPE B, B-A, C, MS, MS-A, DW AND WM
08A05-22D	INLET COVERS TYPE V, V-B, AND VV-B
08A05-22E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L AND M
08A08-03	CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER
08A09-03	CATCH BASINS 2X3-FT AND 2.5X3-FT
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-24A	CONCRETE CURB AND GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES
08D05-23A	CURB RAMPS TYPES 1 AND 1-A
08D05-23B	CURB RAMPS TYPES 2 AND 3
08D05-23C	CURB RAMPS TYPES 4A AND 4A1
08D05-23D	CURB RAMPS TYPES 4B AND 4B1
08D05-23E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-23F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD
08D05-23G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPES A, B, C AND D
08E14-01	TRACKING PAD
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09A11-01	DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y
09A12-01	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
09A13-01	DRIVEWAYS WITH CURB AND GUTTER RETURNS
09A14-01	DRIVEWAYS WITHOUT CURB AND GUTTER
09A15-01	DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL
09B02-10	CONDUIT
09B04-13	PULL BOX
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09C11-11	CONCRETE BASE TYPE 10
09C12-10A	CONCRETE BASE TYPE 13
09C12-10B	CONCRETE BASE TYPE 13
09C15-03	CONCRETE BASE TYPE 10 SPECIAL
09C16-01	CONCRETE BASE TYPE 10 SPECIAL EXTENSION
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D02-03	SIGNAL CONTROL CABINET
09E01-17B	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 3 (HEAVY DUTY)
09E01-17G	HARDWARE DETAILS FOR POLE MOUNTING
09E03-06	NON-FREEWAY LIGHTING UNIT POLE WIRING
09E06-06	TRAFFIC SIGNAL STANDARD POLY BRACKET MOUNTINGS (TYPICAL) 13 FT. OR 15 FT.
09E07-06	TRAFFIC SIGNAL STANDARD PEDESTRIAN AND FLASHER TYPICAL MOUNTING DETAILS
09E08-11A	TYPE 9 POLE 15'-30' MONOTUBE ARM
09E08-11B	TYPE 9 SPECIAL POLE 35' MONOTUBE ARM
09E08-11C	TYPE 9 SPECIAL POLE 40' MONOTUBE ARM
09E08-11E	TYPE 10 POLE 15'-30' MONOTUBE ARM
09E08-11F	TYPE 10 SPECIAL POLE 35' MONOTUBE ARM
09E08-11G	TYPE 10 SPECIAL POLE 40' MONOTUBE ARM
09E08-11H	TYPE 10 SPECIAL POLE 45' MONOTUBE ARM
09E08-11J	TYPE 13 POLE 35'-55' MONOTUBE ARM
09E08-11K	GENERAL NOTES AND HARDWARE FOR TYPES 9, 10, 9/10 SPECIAL,12 AND13 POLES WITH MONOTUBE ARMS
09G01-04A	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04B	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04C	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04D	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04E	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04F	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
09G01-04G	SPAN WIRE TEMPORARY TRAFFIC SIGNAL
10A18-05A	LUMINAIRE ARMS, SINGLE MEMBER 6-INCH CLAMP
11B02-02	CONCRETE MEDIAN NOSE
12A04-03	STRUCTURE IDENTIFICATION PLAQUES, RAMP GATES, SIGN BRIDGES, OVERHEAD SIGN SUPPORTS & TRAFFIC SIGNALS

6

Standard Detail Drawing List

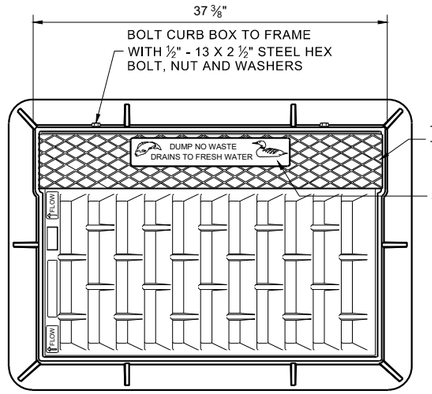
13C19-03	HMA LONGITUDINAL JOINTS
14B07-16A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16J	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16K	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16L	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16M	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16N	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B28-04A	GUARDRAIL MOW STRIP
14B28-04B	GUARDRAIL MOW STRIP
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B47-06A	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06B	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06C	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06D	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06E	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06F	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
14B47-06G	MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15A04-08E	DELINEATOR POST WITH REFLECTIVE SHEETING
15C02-10A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-10B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-10C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C02-10E	OFF RAMP LANE CLOSURE
15C02-10F	ADVANCED WIDTH RESTRICTION SIGNING
15C02-10G	TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE
15C02-10H	MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C07-16A	PAVEMENT MARKING SYMBOLS
15C07-16B	PAVEMENT MARKING WORDS
15C07-16C	PAVEMENT MARKING ARROWS
15C07-16E	PAVEMENT MARKING FOR BIKE LANES
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-24C	PAVEMENT MARKING (TURN LANES)
15C08-24D	PAVEMENT MARKING (TURN LANES)
15C11-11A	CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C12-09B	TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE
15C18-09A	MEDIAN ISLAND PAVEMENT MARKINGS
15C18-09B	PAVEMENT MARKINGS, MEDIAN ISLAND NOSE
15C18-09C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C19-11A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-11B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C19-11C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-08A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-08D	PAVEMENT MARKING LANE DROP AND LANE REDUCTION
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15C36-01	PARKING STALL MARKING

6

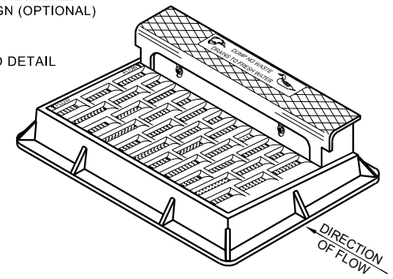
Standard Detail Drawing List

15D06-07	TRAFFIC CONTROL, TWO LANE TWO WAY OPERATION
15D16-07	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D20-12A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D20-12B	TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY
15D20-12C	TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY
15D21-07A	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE
15D21-07B	TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE
15D28-06	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-12A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D32-07	TRAFFIC CONTROL, ONE LANE ROAD STOP CONDITION
15D39-03	TRAFFIC CONTROL, DROP-OFF SIGNING
15D43-04	TRAFFIC CONTROL, SHORT DURATION MOBILE OPERATIONS
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL
15D46-01	TRAFFIC CONTROL, ONE - WAY SIGNING
15D50-05A	TRAFFIC CONTROL, ADDED LANE CLOSURE WITHOUT LANE SHIFT
15D50-05B	TRAFFIC CONTROL, ADDED LANE CLOSURE WITH LANE SHIFT
15D51-02	TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

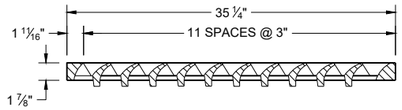
6

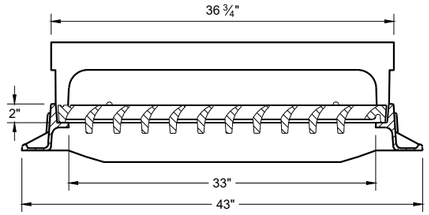


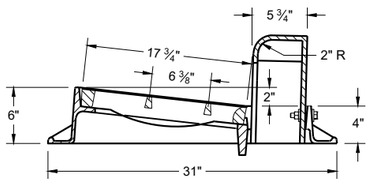
NOTE: EITHER CASTING IS ACCEPTABLE

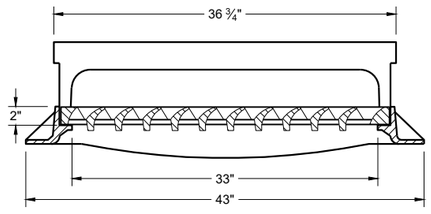


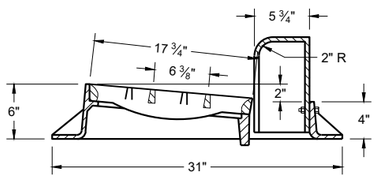
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







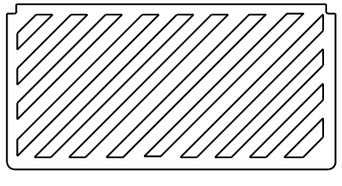




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

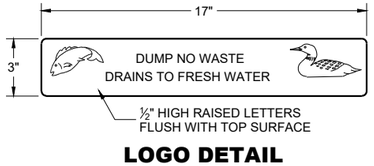
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



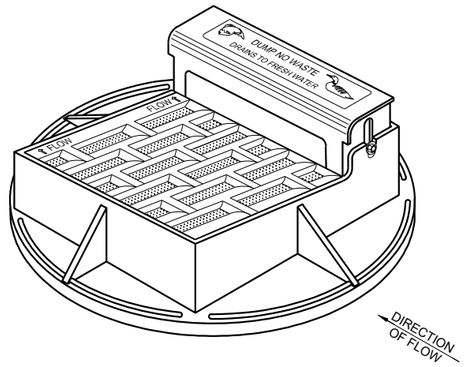
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

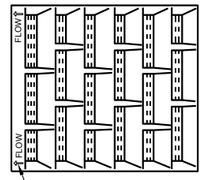


LOGO DETAIL

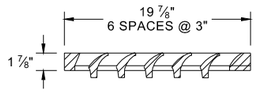


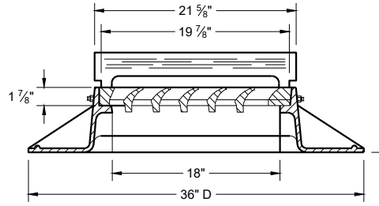
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

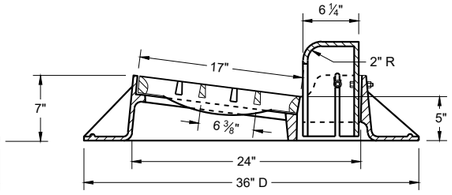
NOTE: EITHER CASTING IS ACCEPTABLE



DIRECTION OF FLOW ARROWS







TYPE "A"

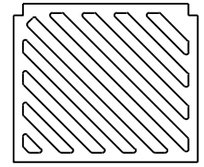
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

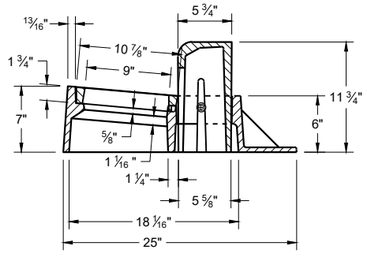
1" DIAGONAL BARS
WITH 1 1/2" OPENINGS

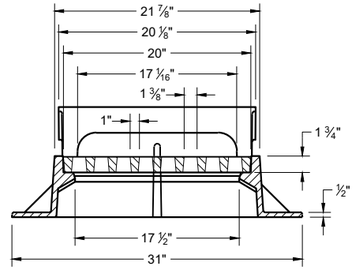


SPECIAL GRATE FOR TYPE "A" COVER

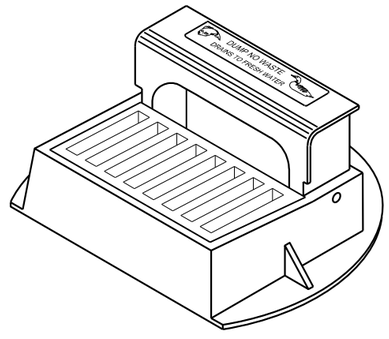
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



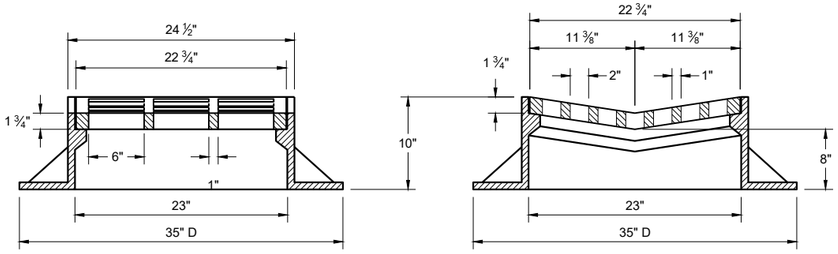
INLET COVERS
TYPES A, H, A-S, H-S AND Z

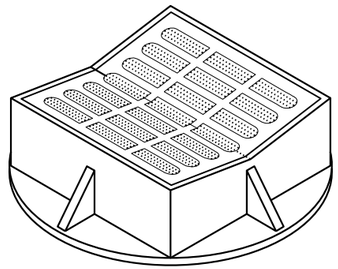
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025
DATE

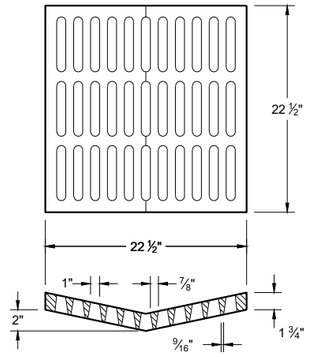
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA





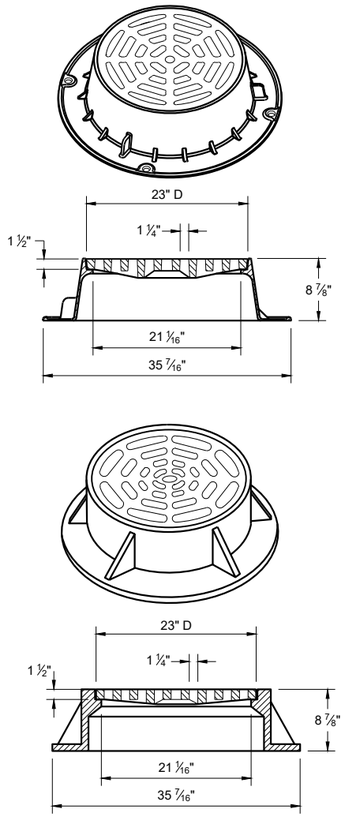
TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE

NOTED AS TYPE B - A ON THE DRAINAGE TABLE



TYPE "C"

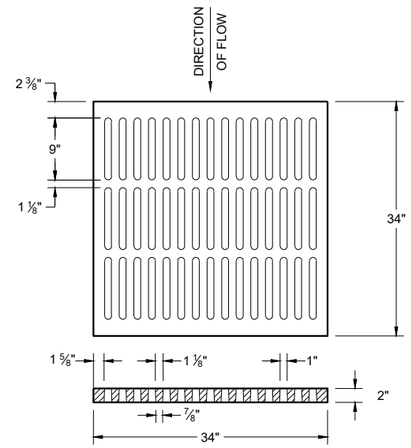
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

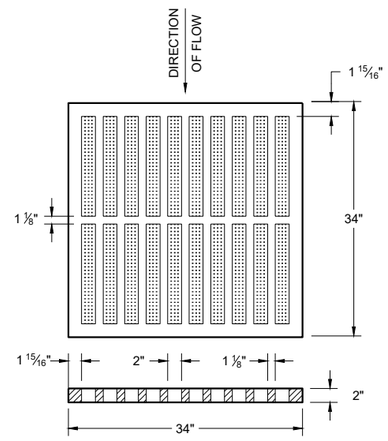
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

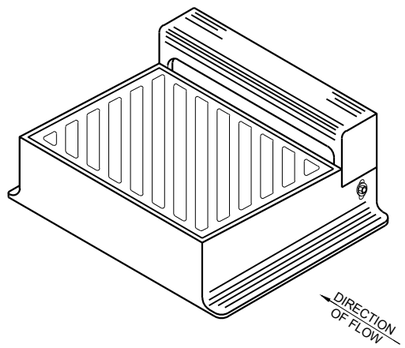
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



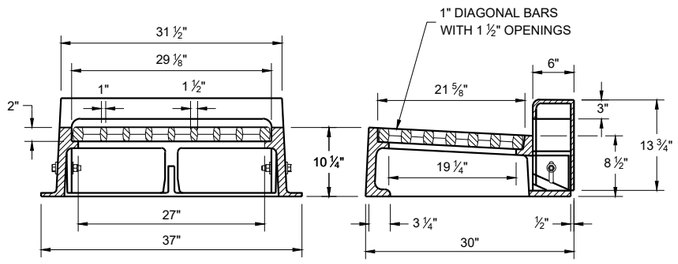
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON THE DRAINAGE TABLE

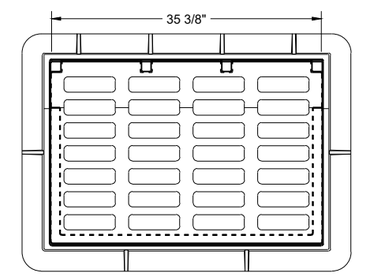


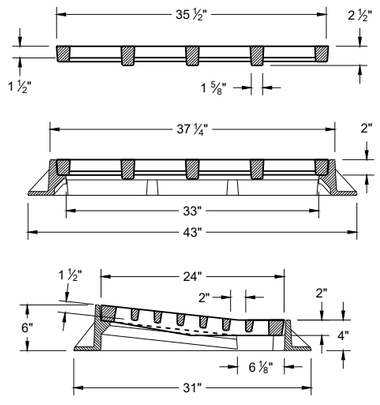
DIAGONAL SLOTS SHALL BE ORIENTEDTO THE DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.

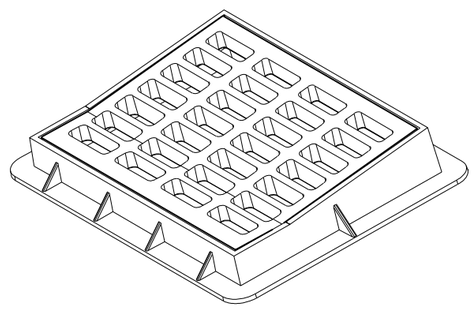


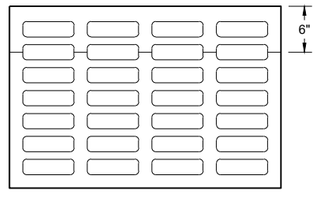
TYPE "WM"

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"









TYPE "DW"

NOTES: FOR USE IN A SUMP CONDITION. THIS OPTION IS ONLY TO BE USED IF NO OTHER INLETS ARE APPLICABLE.

INLET COVERS
TYPES B, B-A, C,
MS, MS-A ,DW AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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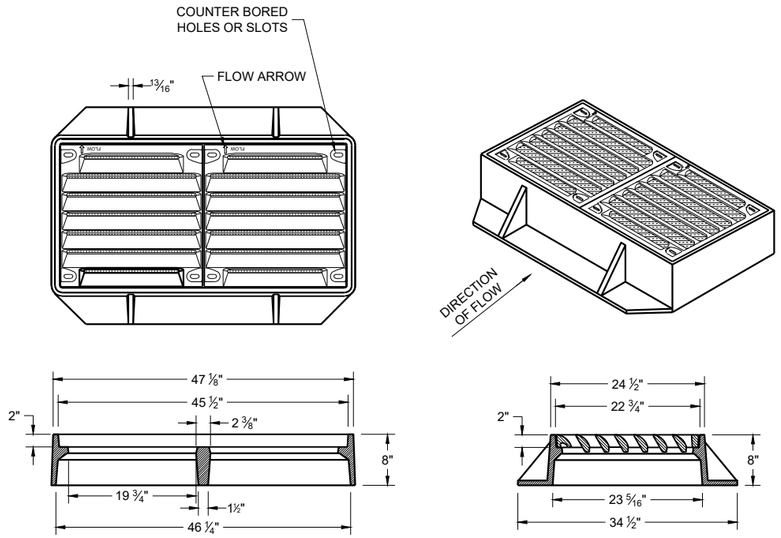
SDD 08A05-22b

SDD 08A05-22b

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

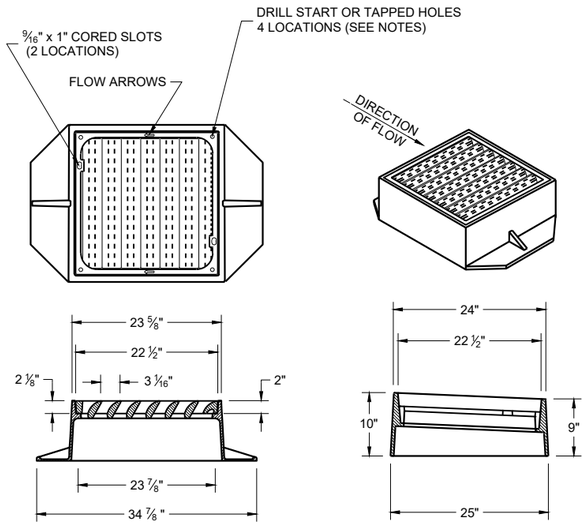
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



TYPE "VV-B"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER
ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

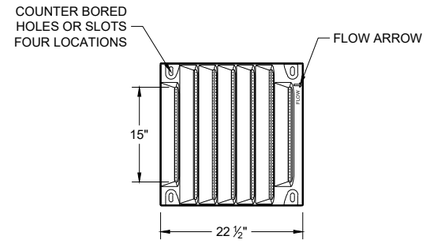
TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 35B
⅜" DIA. X 1/16" DRILL START IN 8 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



TYPE "V"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A
⅜" DIA. X 1/16" DRILL START IN 4 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



BOLT DOWN GRATE FOR TYPE "V" AND "VV-B" COVER

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER NOTED AS TYPE "V-B" OR "VV-B" (FOR DOUBLE GRATE) ON DRAINAGE TABLE

TAP ½" -13 HOLES IN FOUR LOCATIONS PER GRATE IN FRAME TO BOLT GRATE(S).
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A

GRATE - CAST DUCTILE IRON ASTM A536, 55+KSI YIELD
BOLTS - ½" -13 STAINLESS STEEL BOLTS WITH WASHERS
TORQUE BOLTS TO MANUFACTURER SPECIFICATION DO NOT OVERTIGHTEN.

INLET COVERS
TYPES V, V-B, AND VV-B

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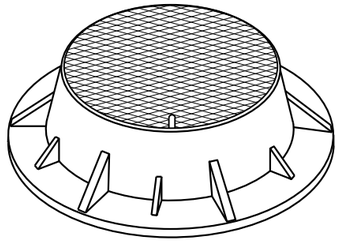
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SDD 08A05-22d

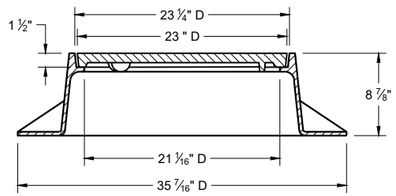
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

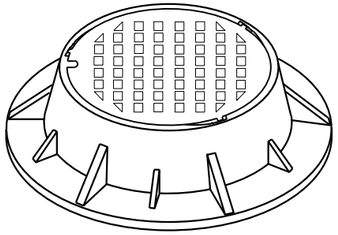
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

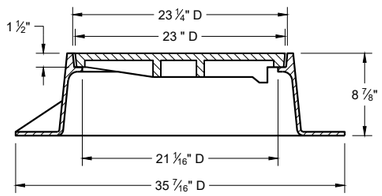




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

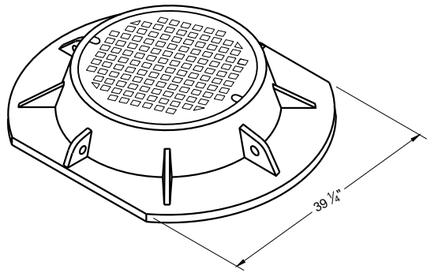


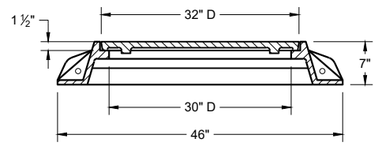


TYPE "J" SPECIAL

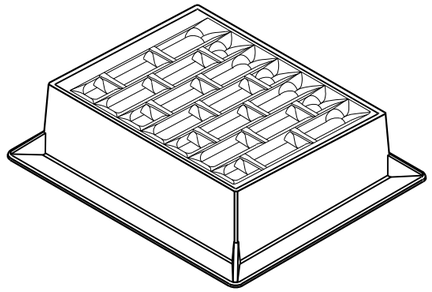
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

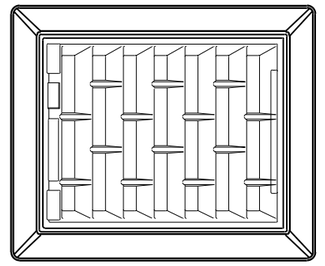
NOTE: EITHER CASTING IS ACCEPTABLE

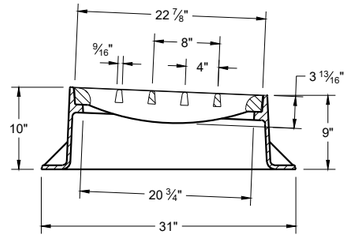


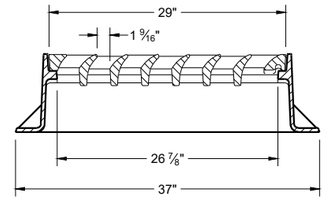


TYPE "K"

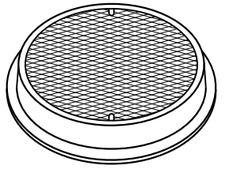


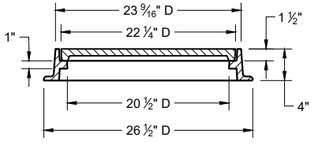




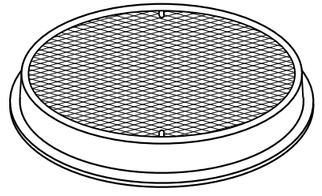


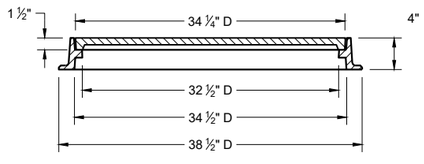
INLET COVER TYPE "BW"





TYPE "L"





TYPE "M"

INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

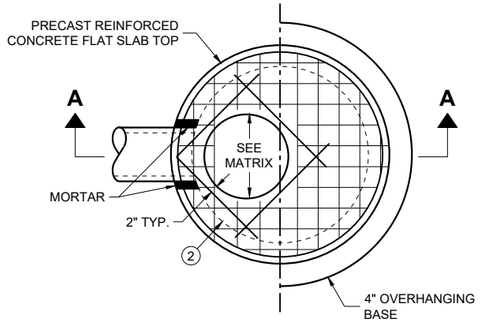
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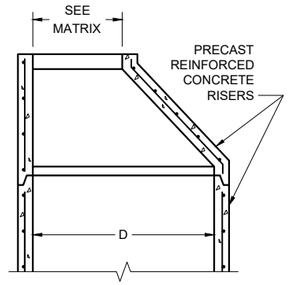
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PLAN VIEW CIRCULAR OPENING

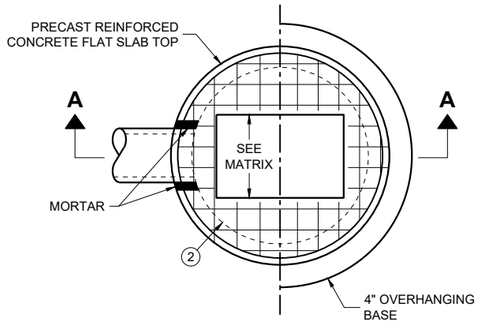


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

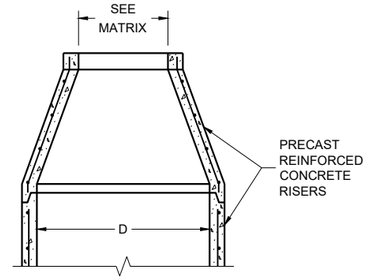
COVER MATRIX

CATCH BASIN SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	VV-B	WM	Z
	OPENING SIZE (FT.)												
3-FT	2 X 2	X	X					X		X			
	2 DIA.				X								X
4-FT TO 6-FT	2 X 2	X	X					X		X			
	2 X 2.5			X				X	X	X		X	
	2 DIA.				X								X
	2 X 3						X						
	2.5 X 3					X							
	2 X 3.5*										X*		

* REQUIRES 5-FT DIAMETER OR LARGER STRUCTURE



PLAN VIEW RECTANGULAR OPENING



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	30

CATCH BASINS
3-FT, 4-FT, 5-FT AND 6-FT DIAMETER

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USE ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

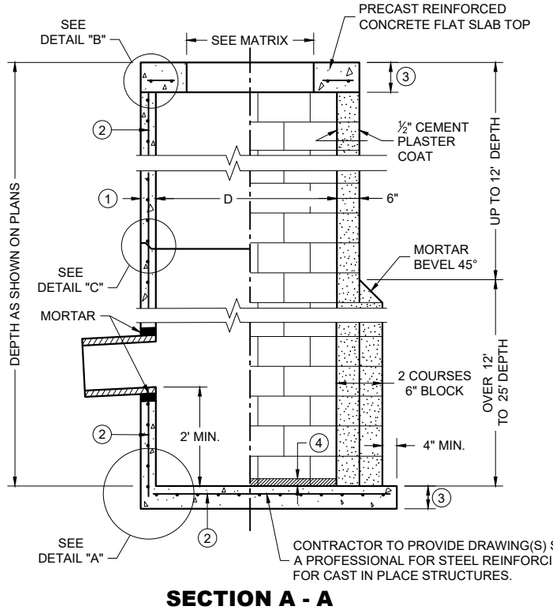
(1) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT AND 7 INCHES FOR 6-FT DIAMETER PRECAST CATCH BASINS.

(2) FOR PRECAST CATCH BASINS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

(4) 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

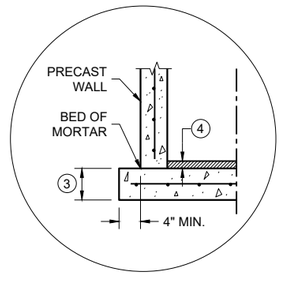
(5) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFROMING TO ASTM C443.



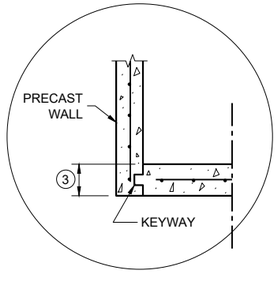
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

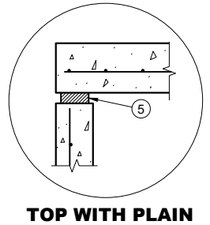


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

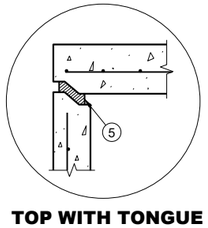


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

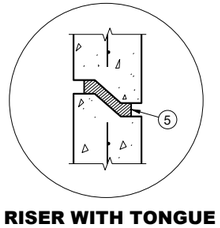
DETAIL "A"



TOP WITH PLAIN END JOINT

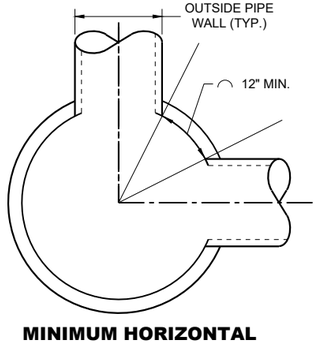


TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

CATCH BASINS, 3-FT. 4-FT., 5 FT., AND 6-FT. DIAMETER

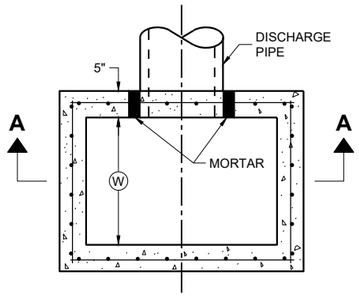
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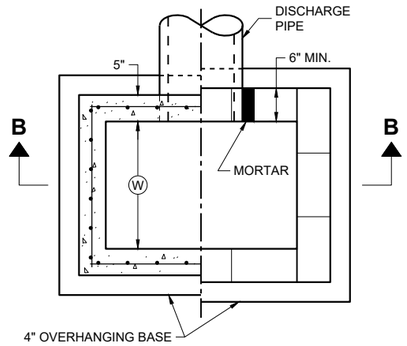
FHWA

SDD 08A08-03

SDD 08A08-03



PLAN VIEW



PLAN VIEW

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST CATCH BASIN UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST CATCH BASINS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

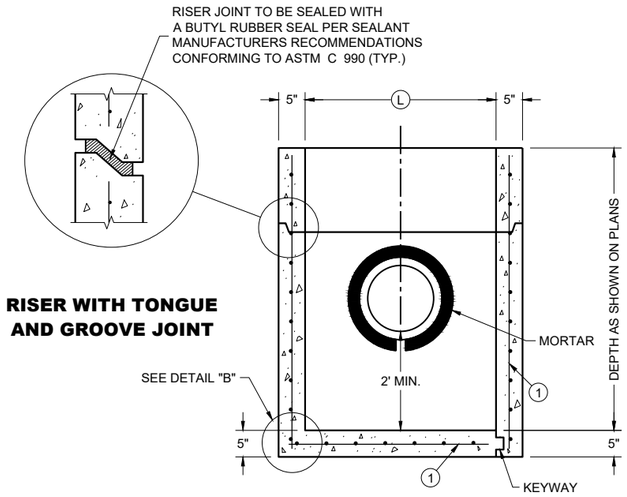
(3) 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

CATCH BASIN COVER MATRIX

CATCH BASIN SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE	
			F	ALL H'S
2 X 3-FT	2	3		X
2.5 X 3-FT	2.5	3	X	

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER (IN)	
	WIDTH (W)(IN)	LENGTH (L)(IN)
2 X 3-FT	12	24
2.5 X 3-FT	18	24

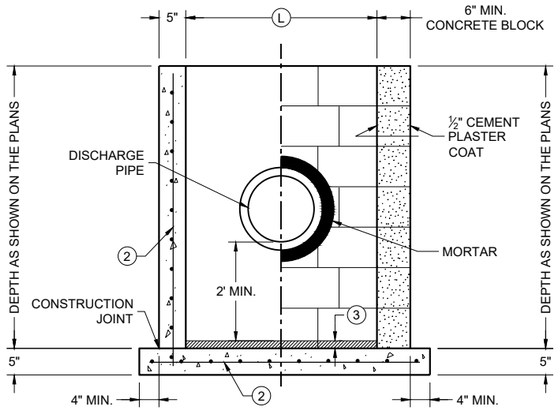


RISER WITH TONGUE AND GROOVE JOINT

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

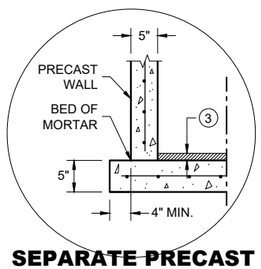
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

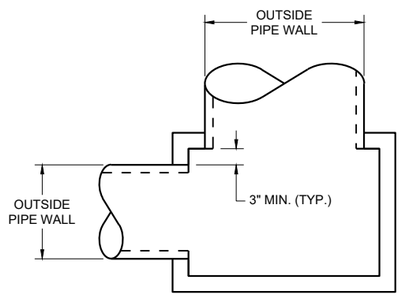
CONCRETE BLOCK ON CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

CATCH BASINS 2X3-FT AND 2.5X3-FT

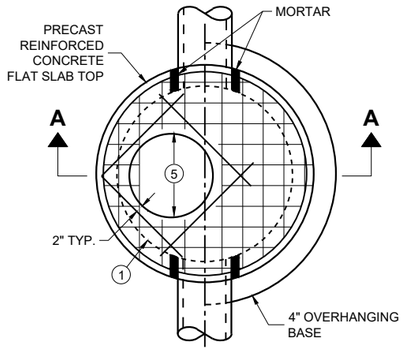
CATCH BASINS
2 X 3-FT AND 2.5 X 3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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December 2023 /S/ RODNEY TAYLOR
DATE ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVIS

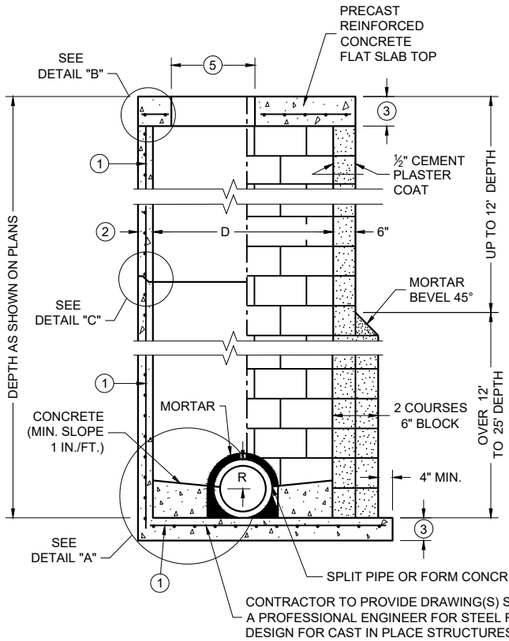
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PLAN VIEW

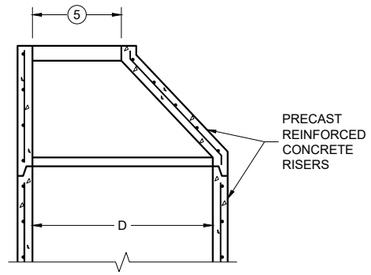
CIRCULAR OPENING



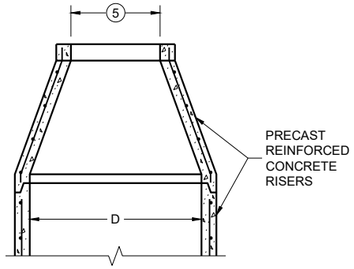
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

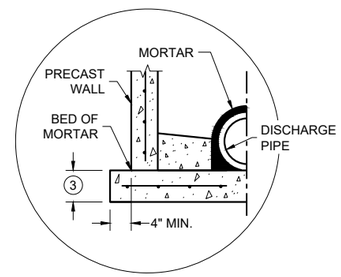
MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

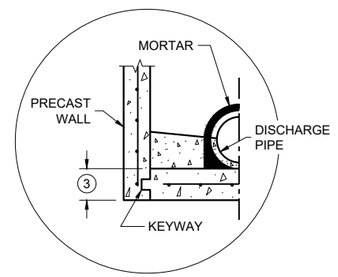
PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

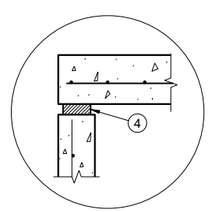


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

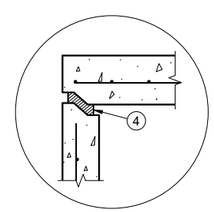


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

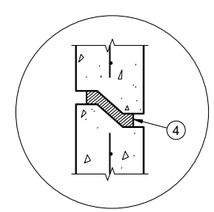
DETAIL "A"



TOP WITH PLAIN END JOINT



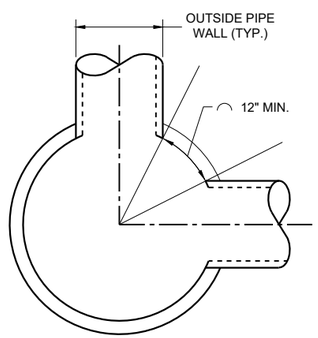
TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

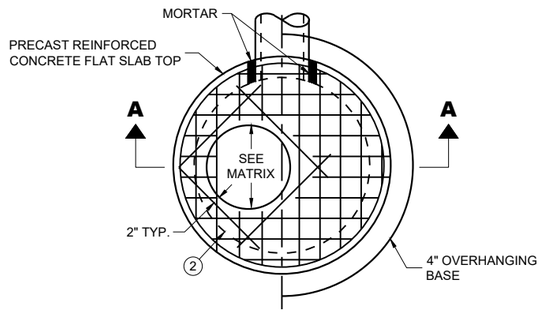
MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

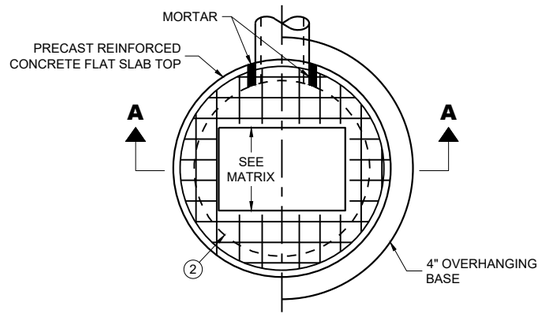
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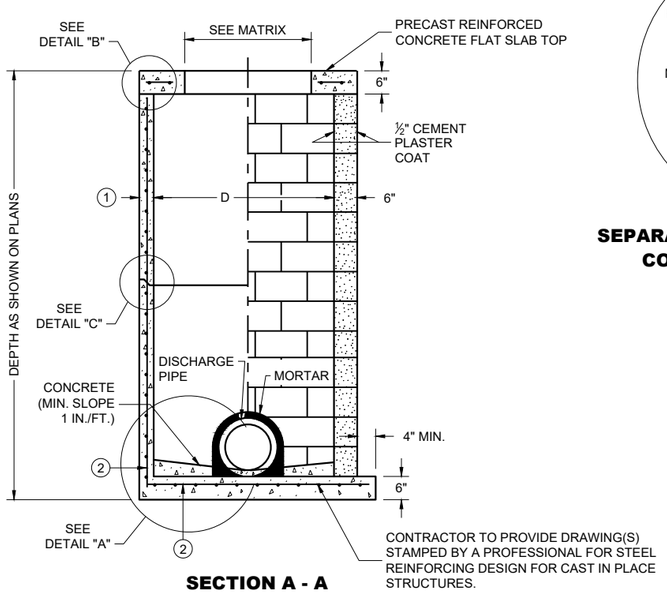
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PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

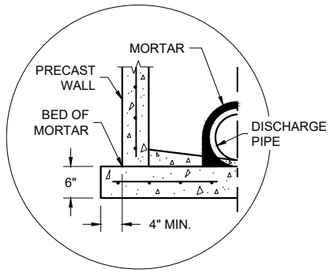
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

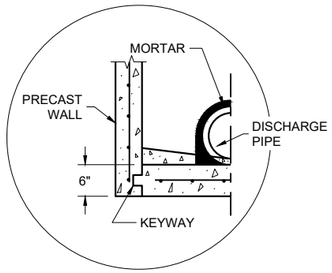
INLET SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	WM	Z
	OPENING SIZE (FT.)											
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

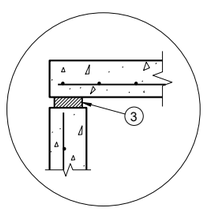


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

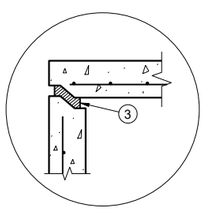


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

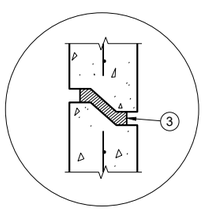
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

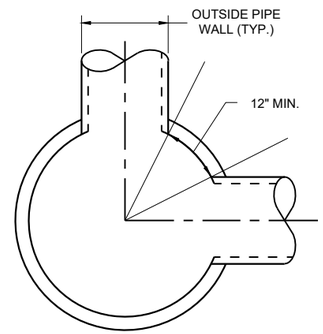
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

(1) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT DIAMETER AND 5 INCHES FOR 4-FT DIAMTER PRECAST INLETS.

(2) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

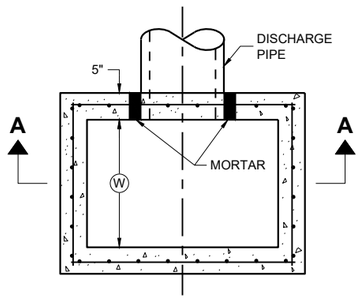
INLETS 3-FT AND 4-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

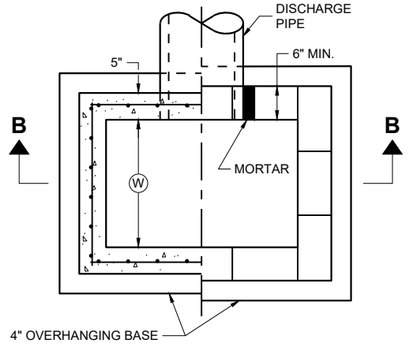
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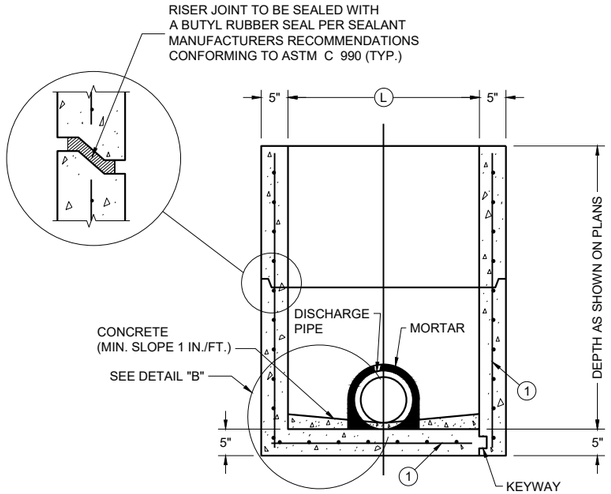
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PLAN VIEW



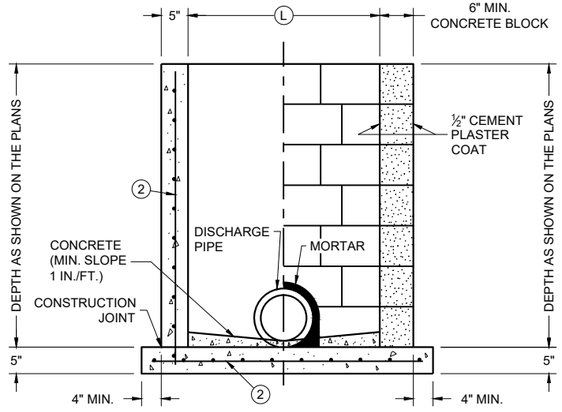
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

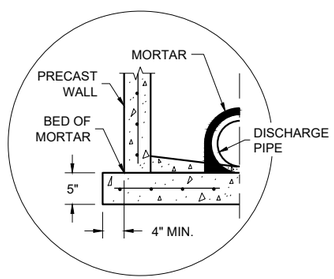
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

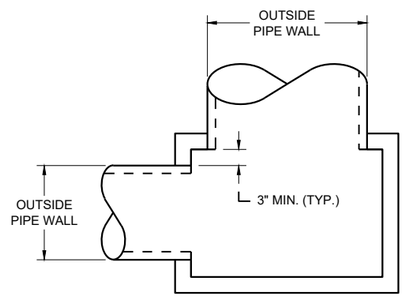
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913
(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

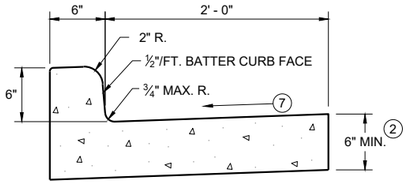
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

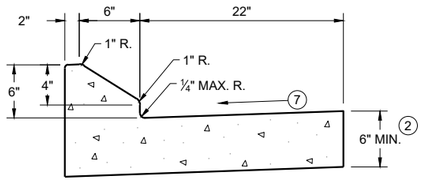
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

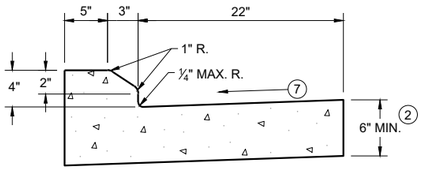
6
SDD 08C07-03



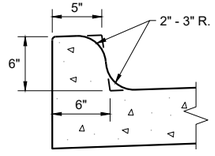
TYPES A (1) & D



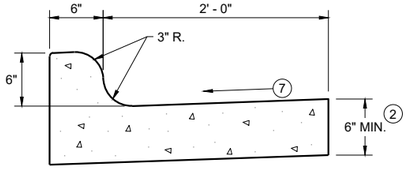
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

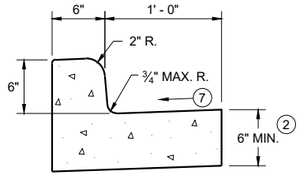


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



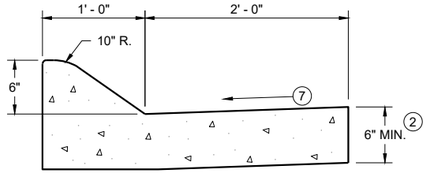
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

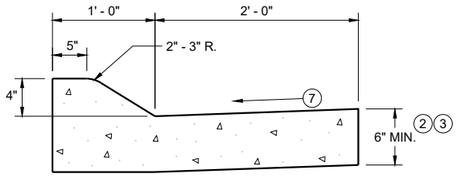


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

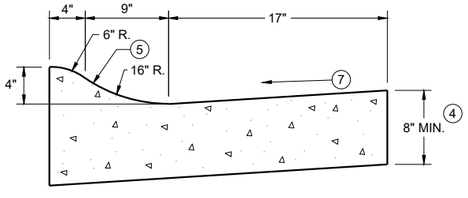


6" SLOPED CURB TYPES A (1) & D



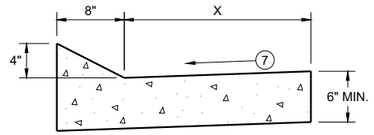
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

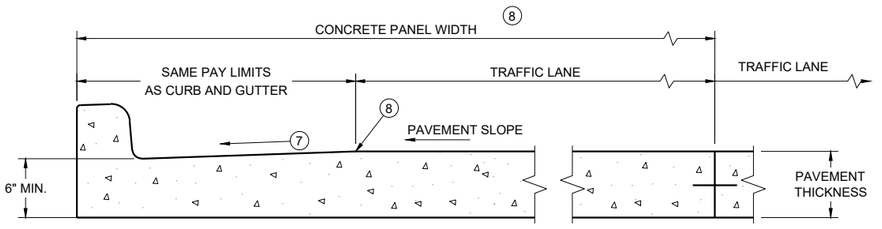


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

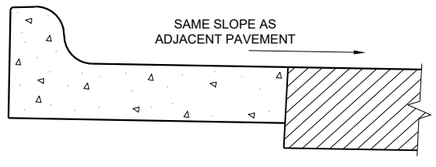
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

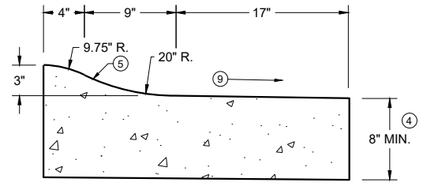
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

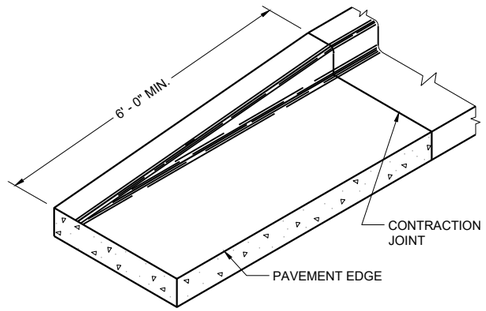
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



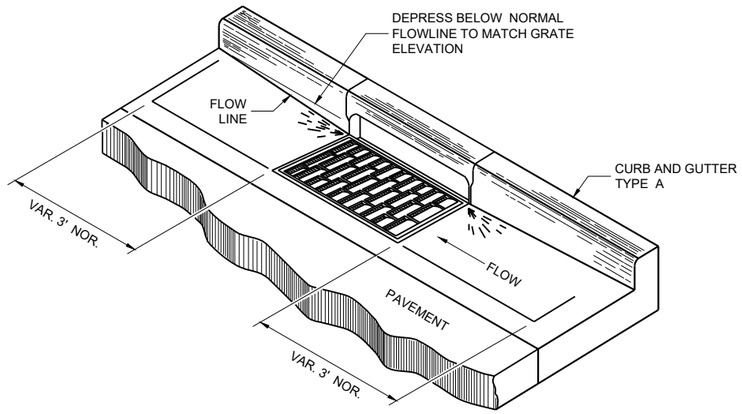
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

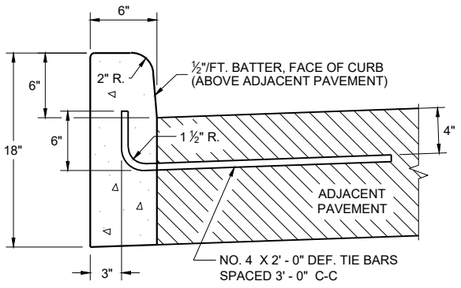
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

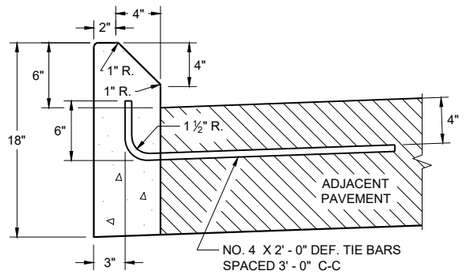
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

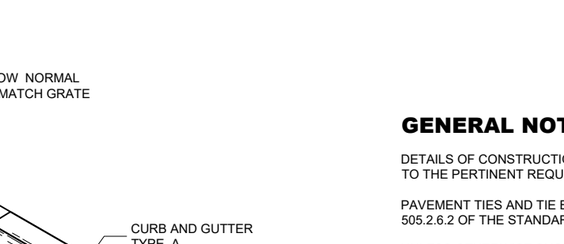


TYPES A (1) & D

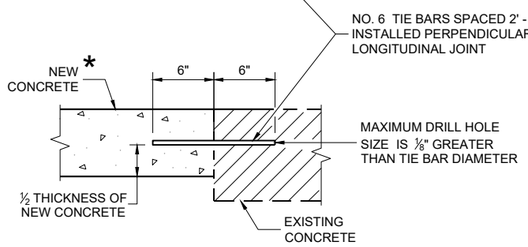


TYPES G (1) & J

CONCRETE CURB

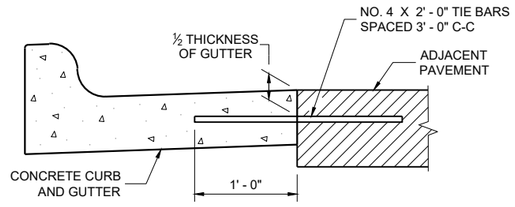


PLAN VIEW

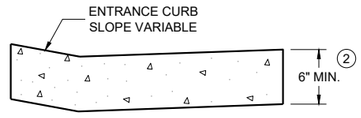


SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT

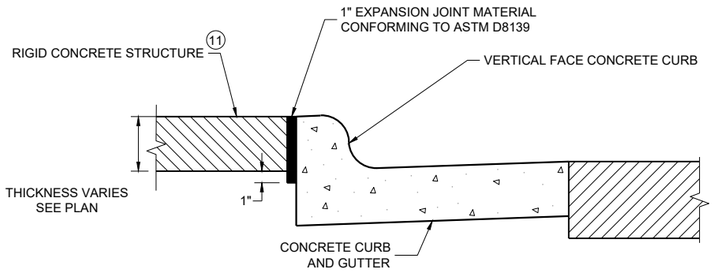


TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)



EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

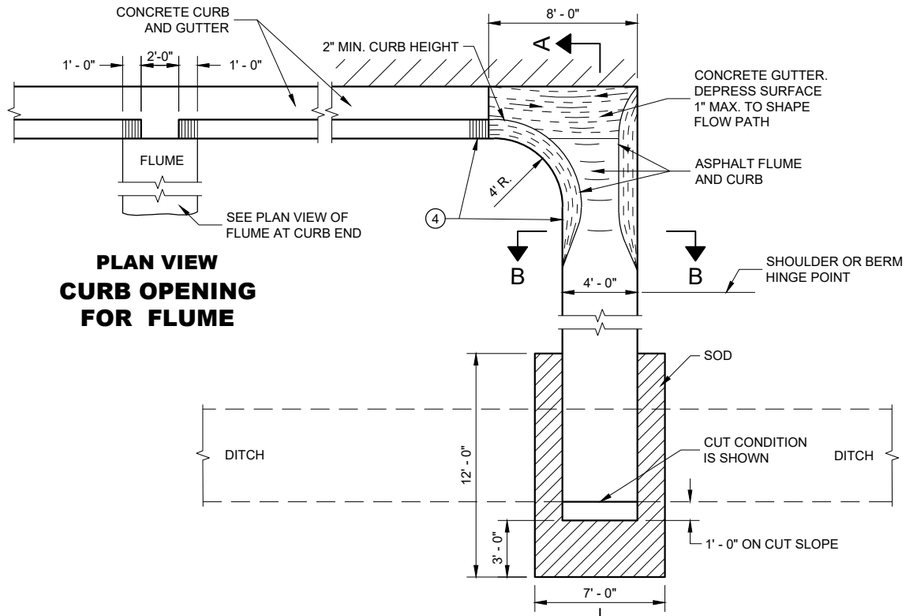
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

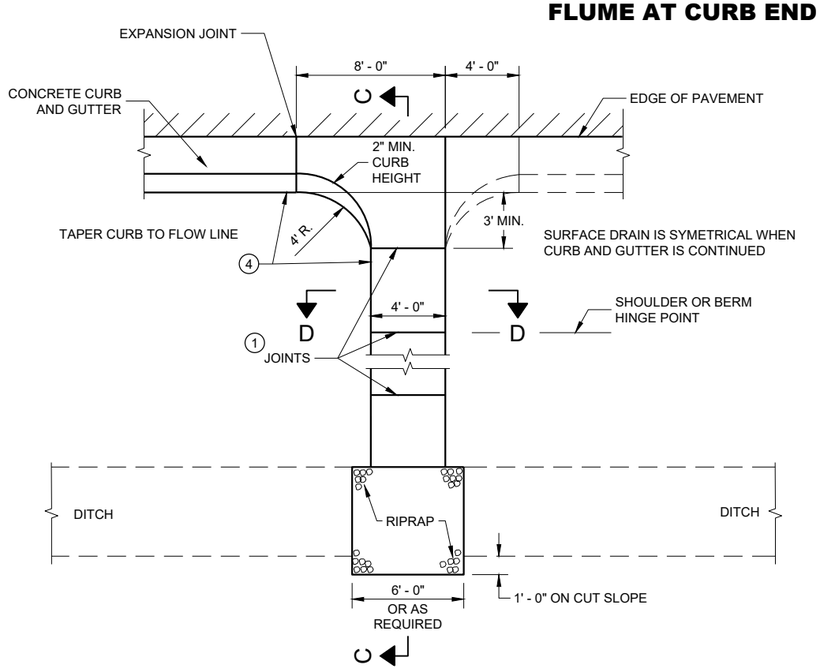
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



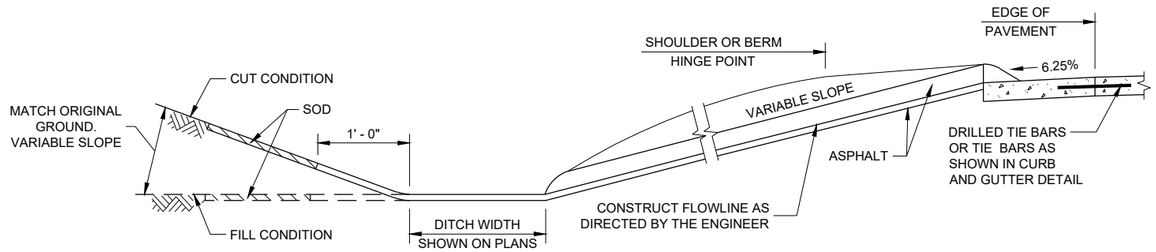
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

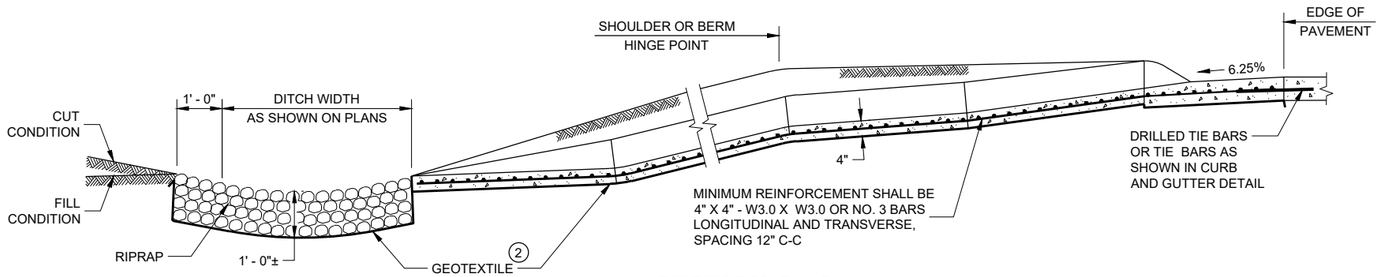
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

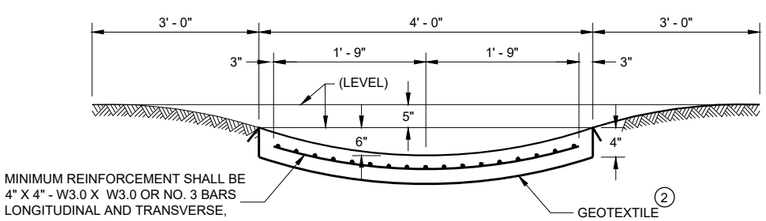


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

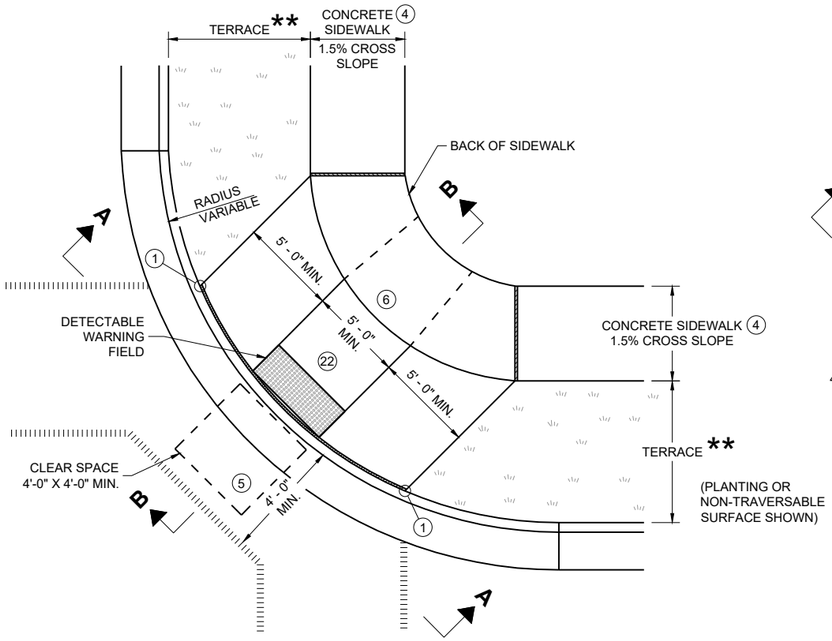
FHWA

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SDD 08D04 - 07

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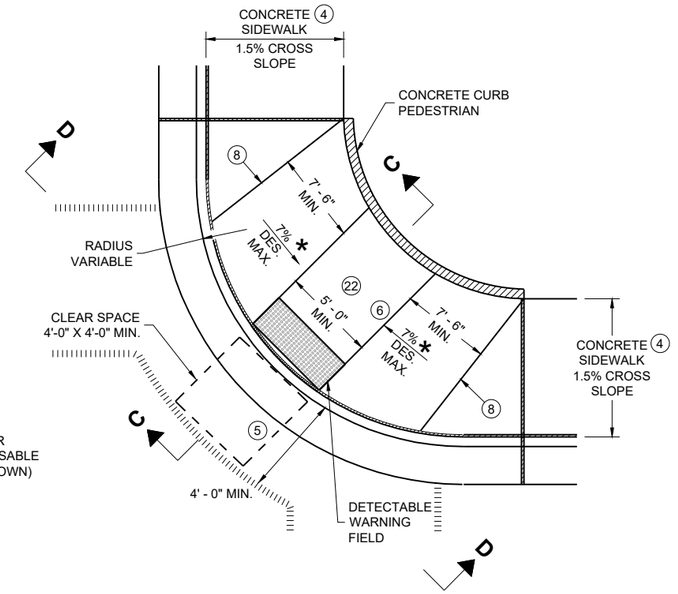
SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

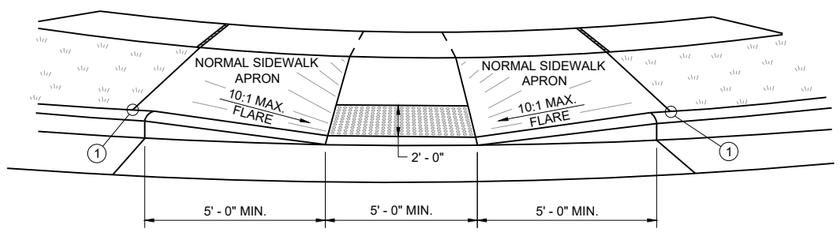
(CENTER OF CORNER RADIUS)



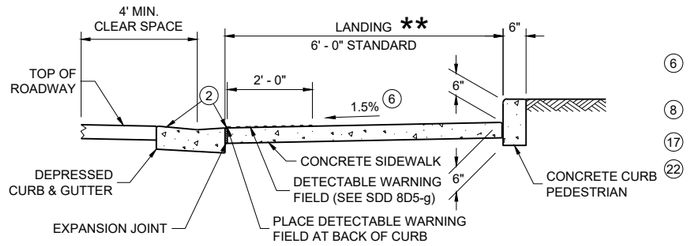
PLAN VIEW

CURB RAMP TYPE 1 - A

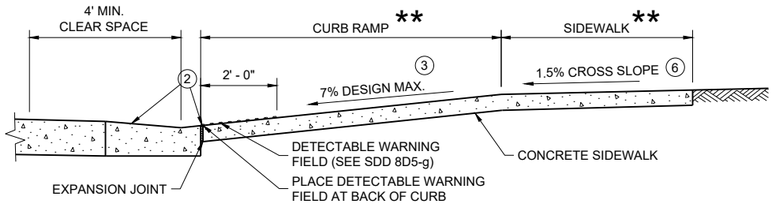
(NO TERRACE)



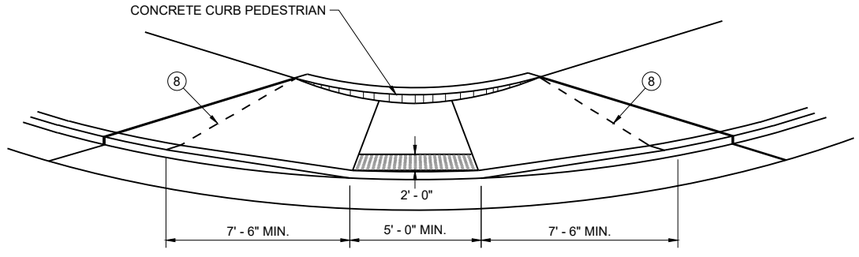
VIEW A - A FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

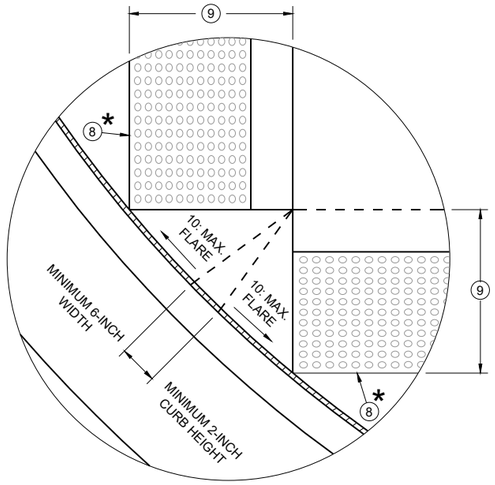
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

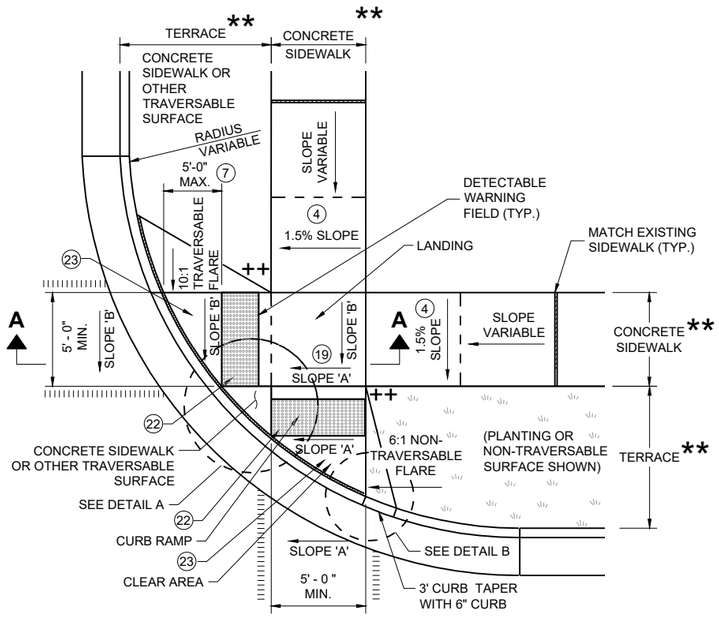
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



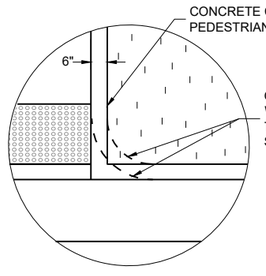
DETAIL A



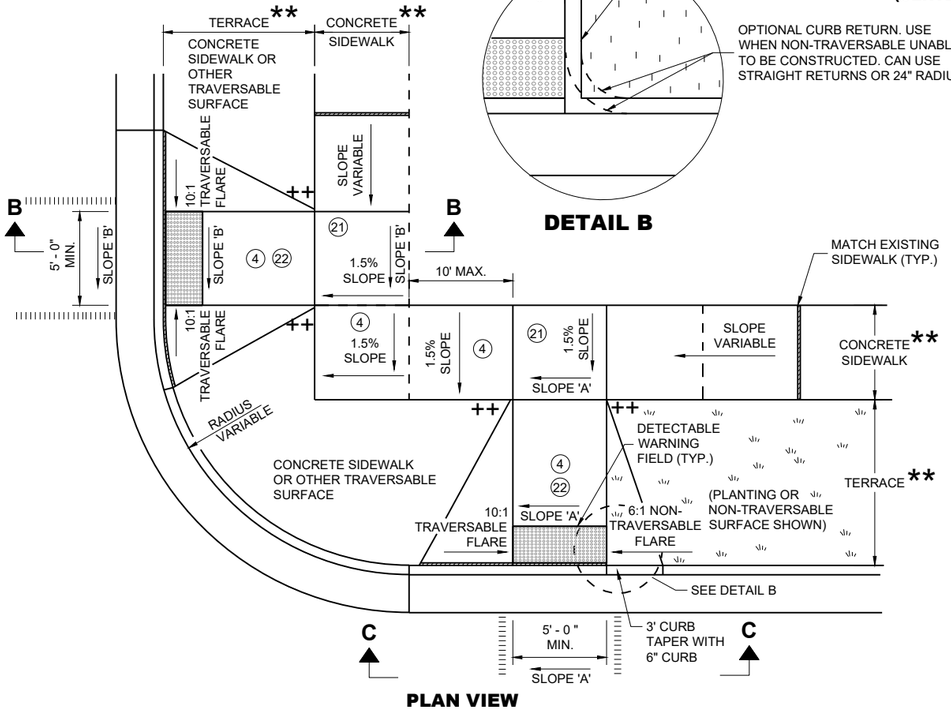
PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW

CURB RAMP TYPE 3

(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

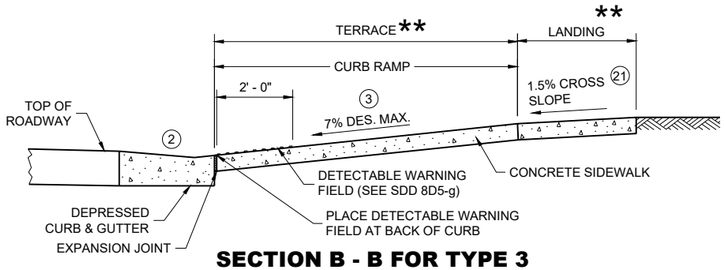
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

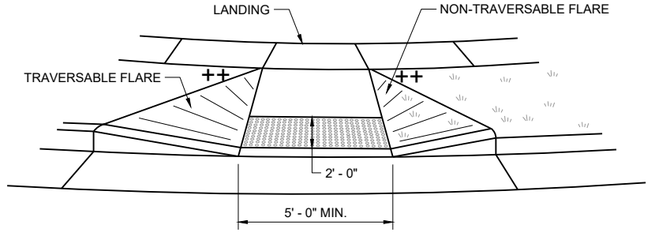
(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

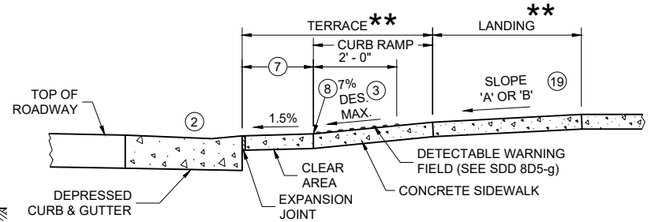
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3



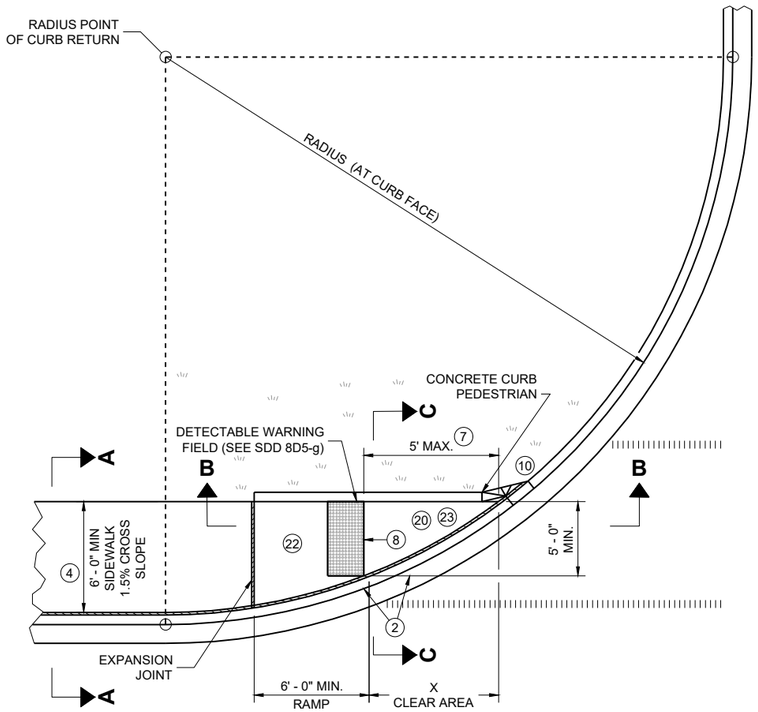
SECTION A - A FOR TYPE 2

LEGEND

▨	½" EXPANSION JOINT SIDEWALK
- - - -	CONTRACTION JOINT SIDEWALK
ıllıllıllıllıl	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW

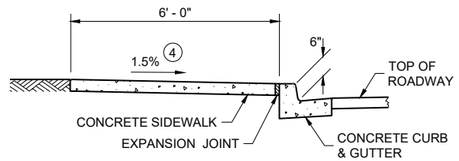
CURB RAMP TYPE 4A

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

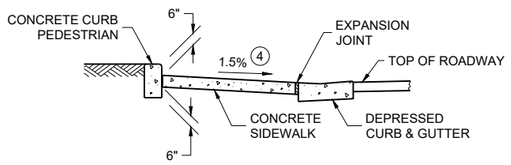
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

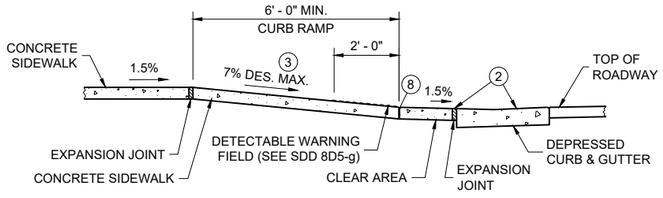
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

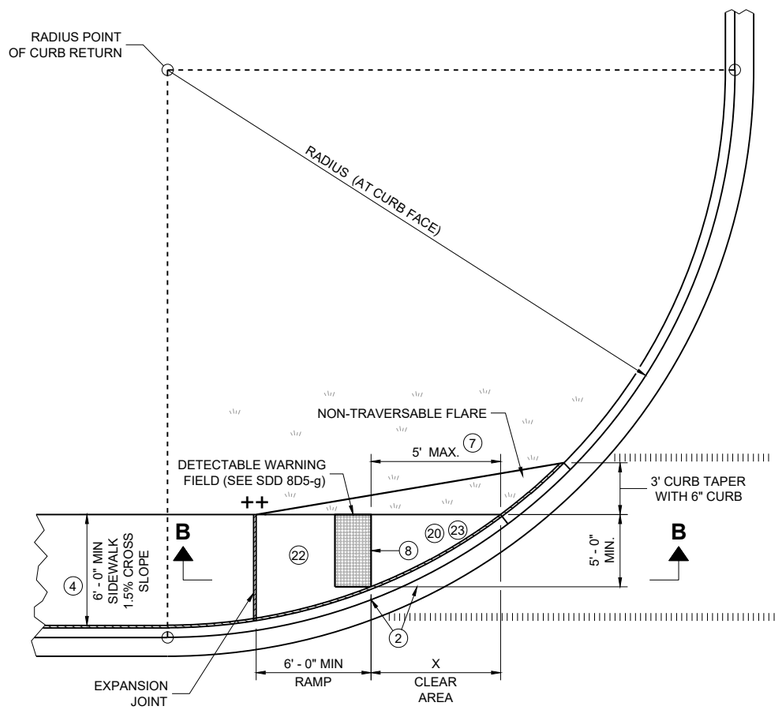
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



SECTION C - C FOR TYPE 4A

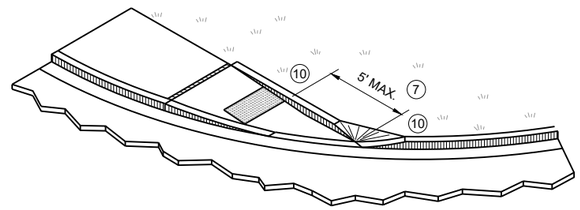


SECTION B - B FOR TYPE 4A AND TYPE 4A1

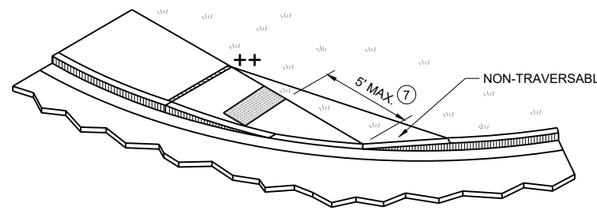


PLAN VIEW

CURB RAMP TYPE 4A1



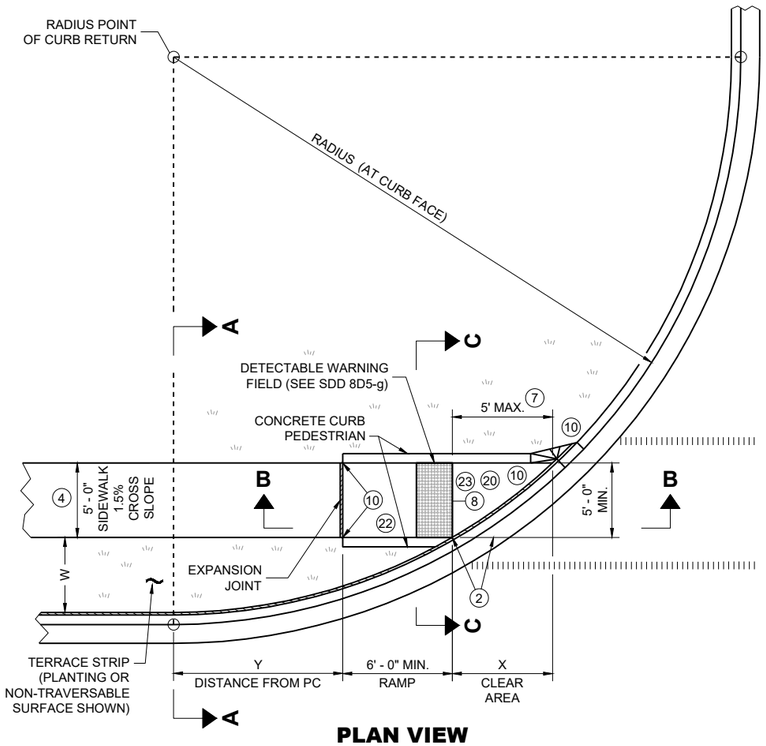
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

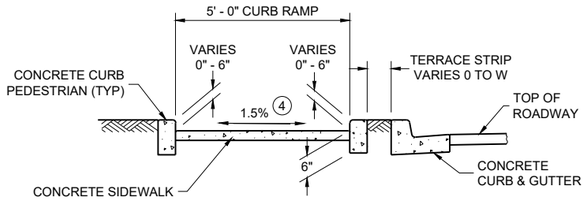
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET			4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET									4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET															4' - 10 ¾"	19' - 8 ¼"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

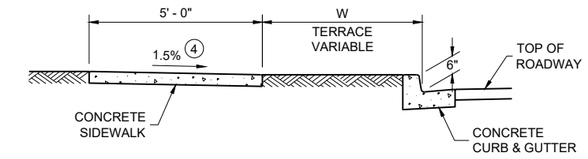
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

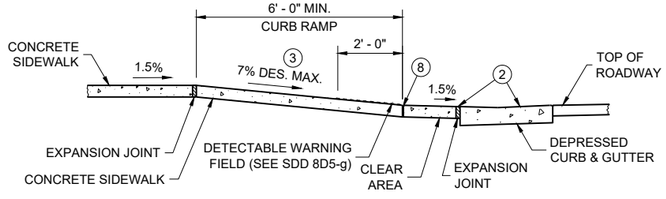
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

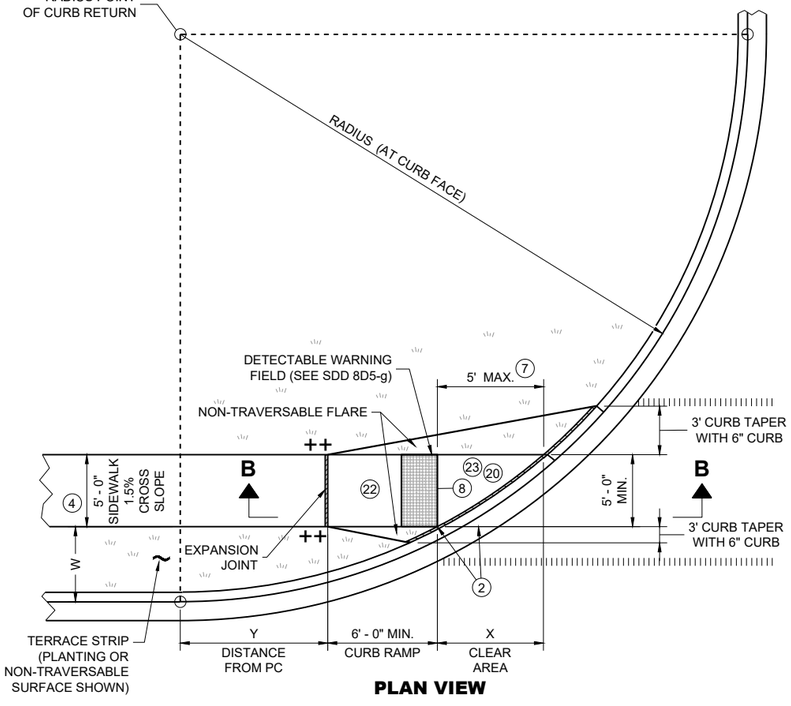
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



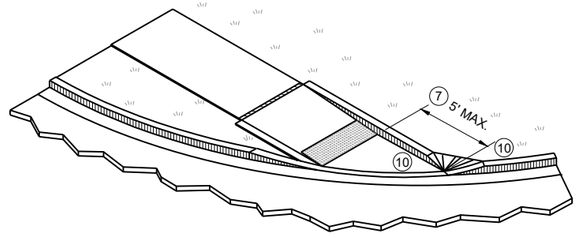
SECTION A - A FOR TYPE 4B



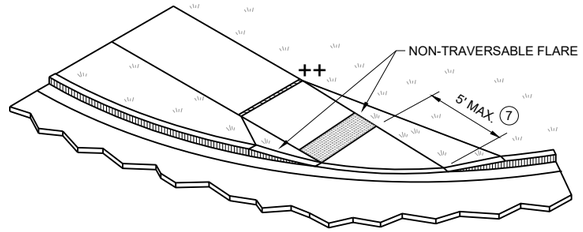
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



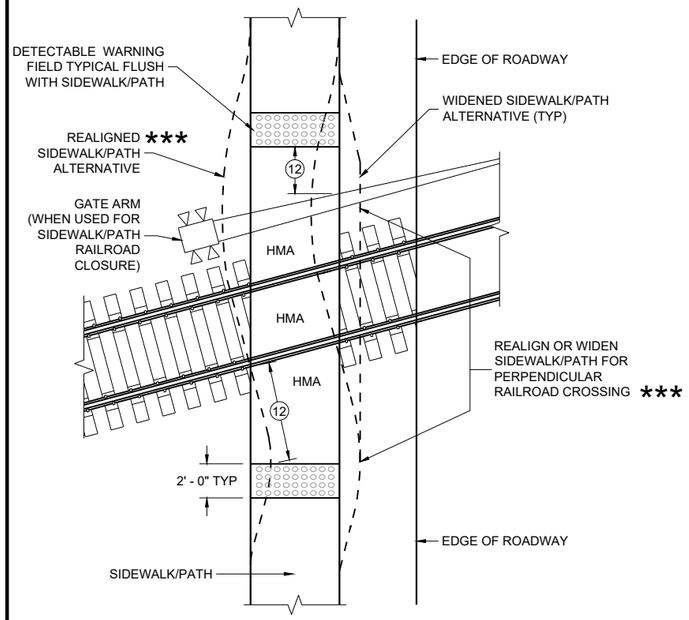
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

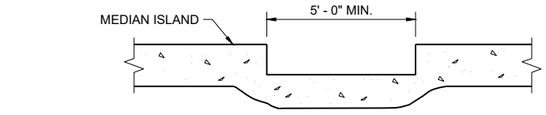
CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

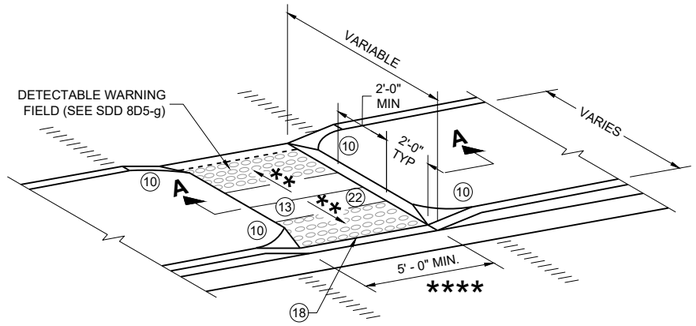


CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

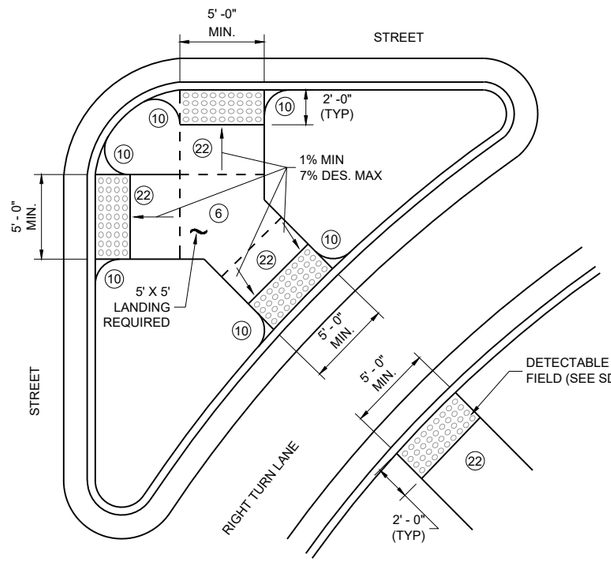
(12) THE DOWNSTREAM EDGE OF THE DETECTABLE WARNING SHOULD BE LOCATED AT LEAST 2 FEET UPSTREAM FROM THE AUTOMATIC GATE, COUNTERWEIGHT, FLASHING-LIGHT SIGNALS, OR CROSSBUCK ASSEMBLY SPECIFIC TO THE PATHWAY OR SIDEWALK (IF ANY ARE PRESENT) AND AT LEAST 12 FEET FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

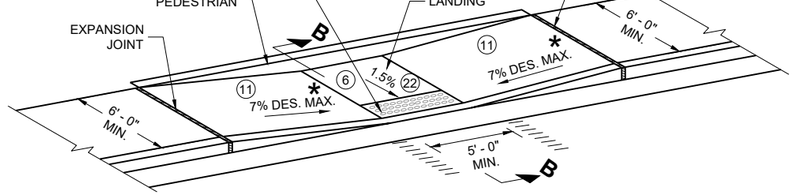
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.



CURB RAMP TYPE 6

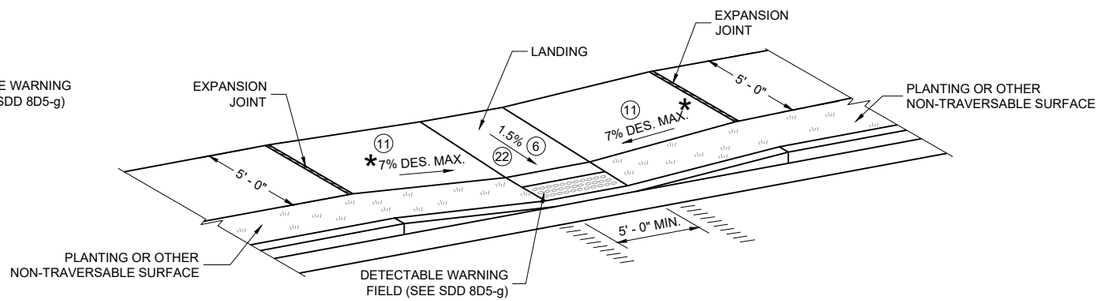
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

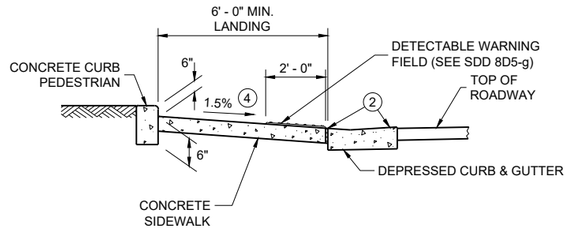


CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

LEGEND

═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT FIELD LOCATED
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 8.3%
**	1% MINIMUM (PROVIDE DRAINAGE)
***	DETAILS TO BE DETERMINED BY ENGINEER
****	FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK

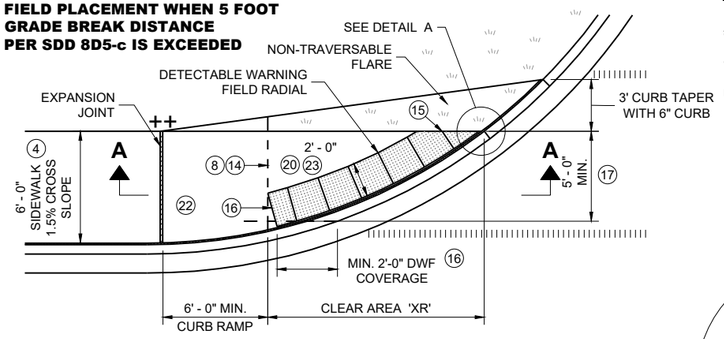


SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

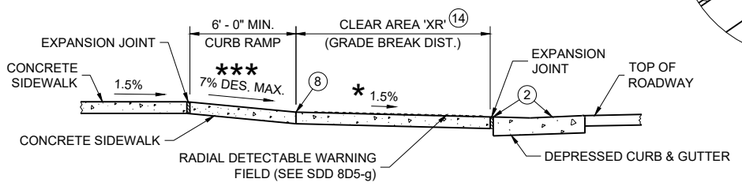
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

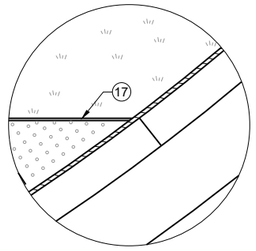
CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



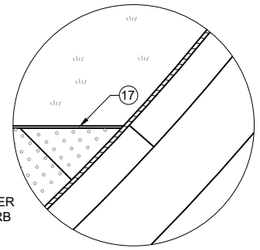
SECTION A - A FOR TYPE 4A1

LEGEND

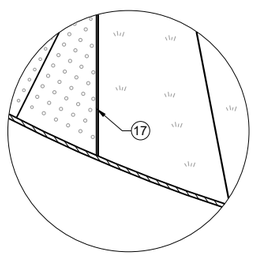
═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
***	MAXIMUM 8.3%
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A

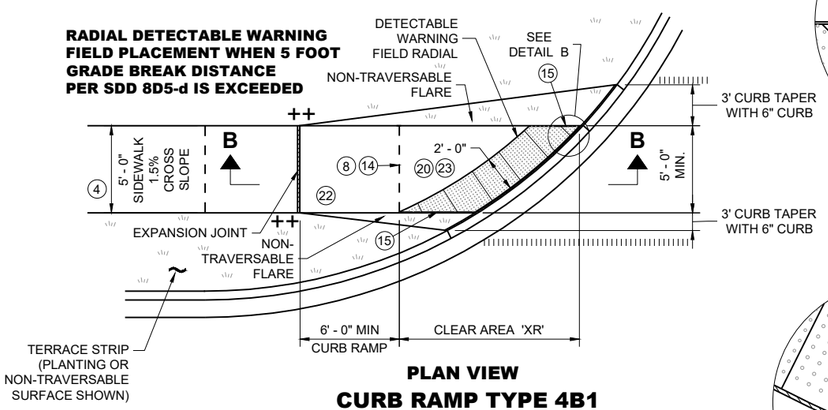


DETAIL B



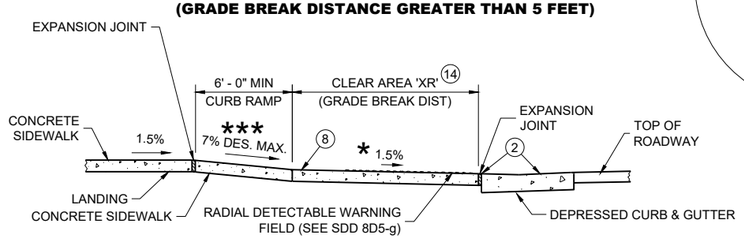
DETAIL C

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



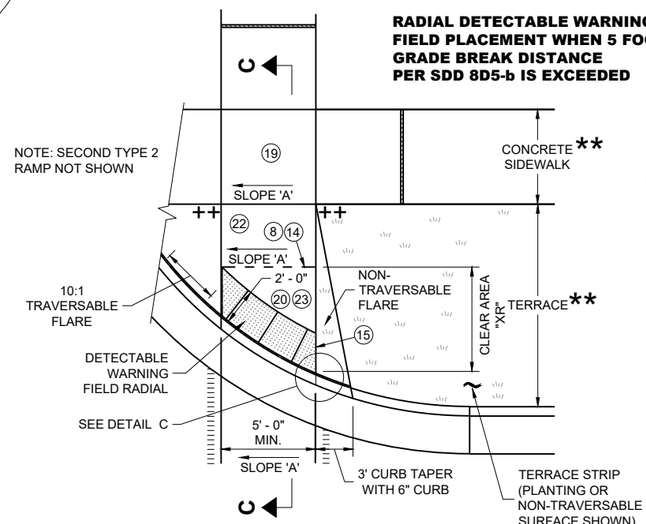
PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



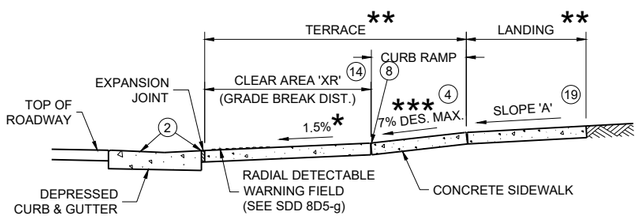
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

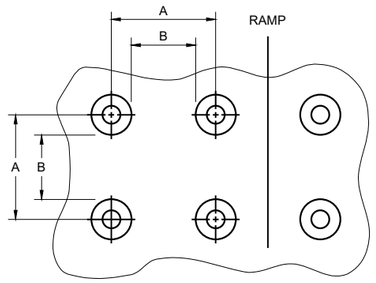
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

CURB RAMPS
RADIAL DETECTABLE WARNING

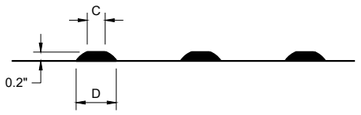
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

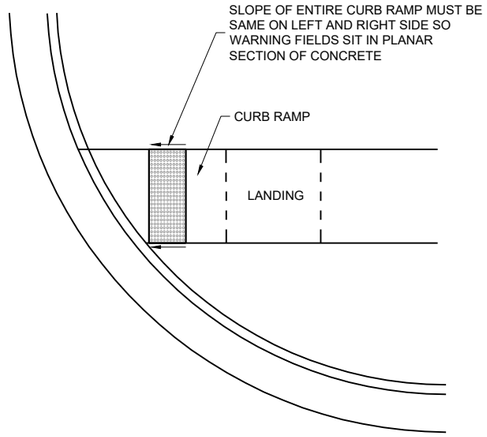
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

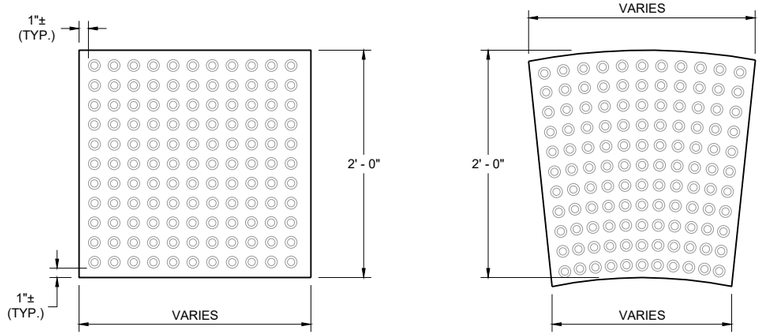
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

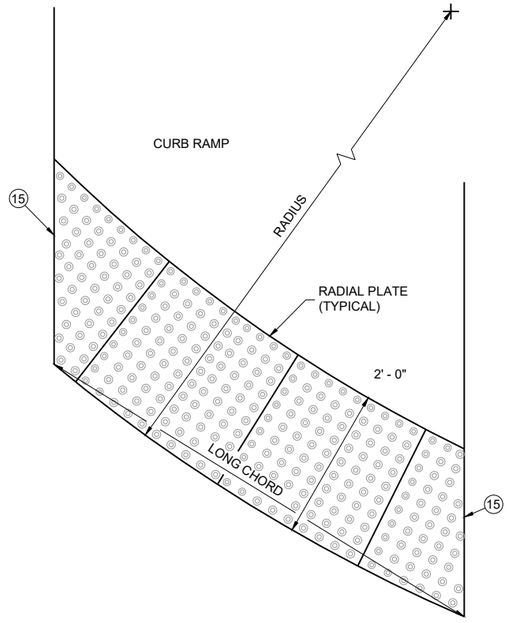
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



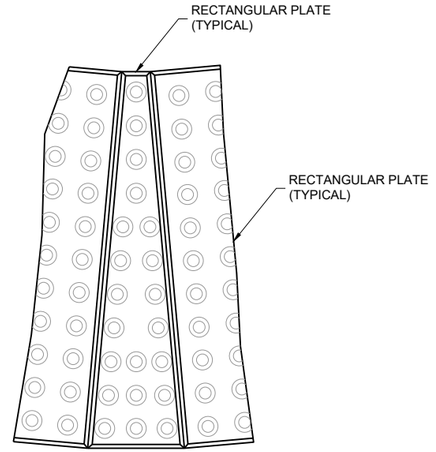
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

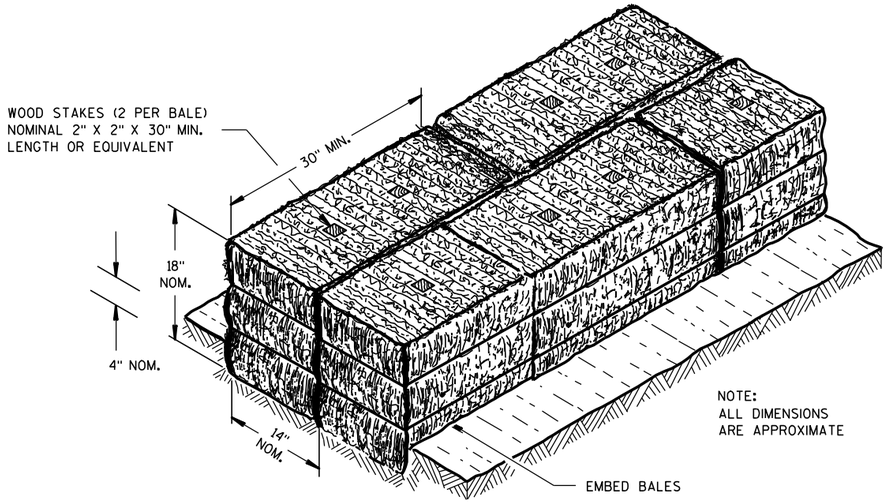
FHWA

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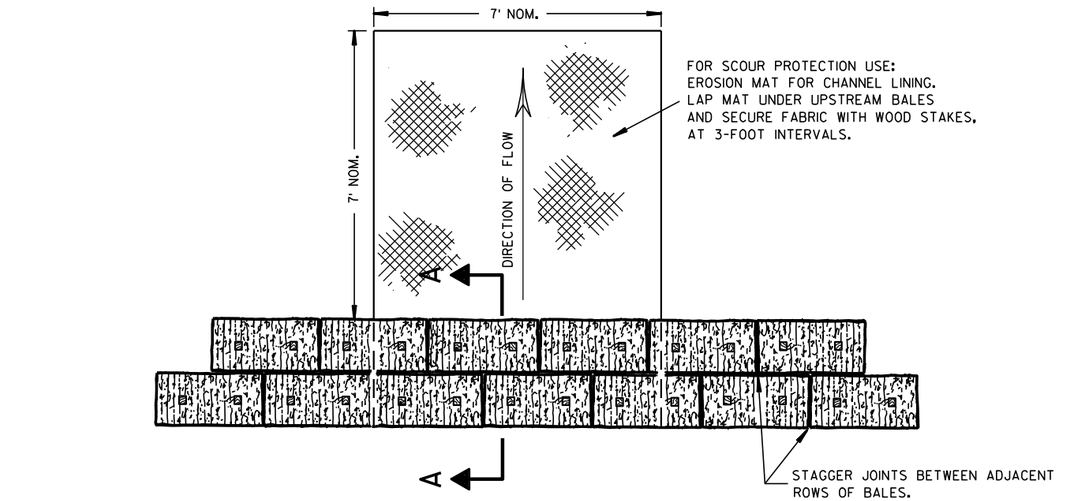
SDD 08D05-23g

6

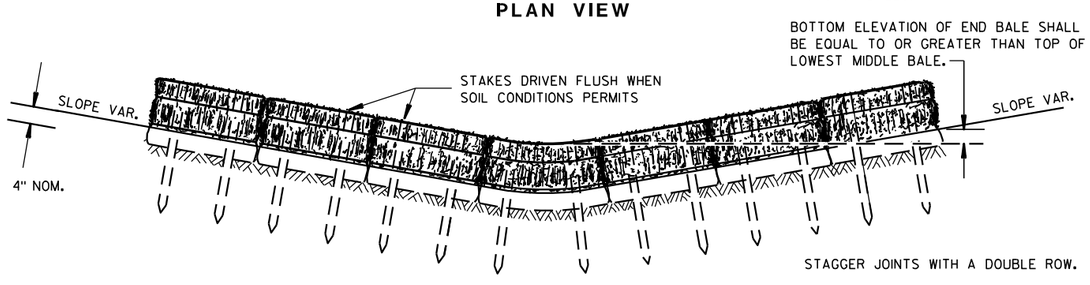
SDD 08D05-23g



SECTION A-A



PLAN VIEW



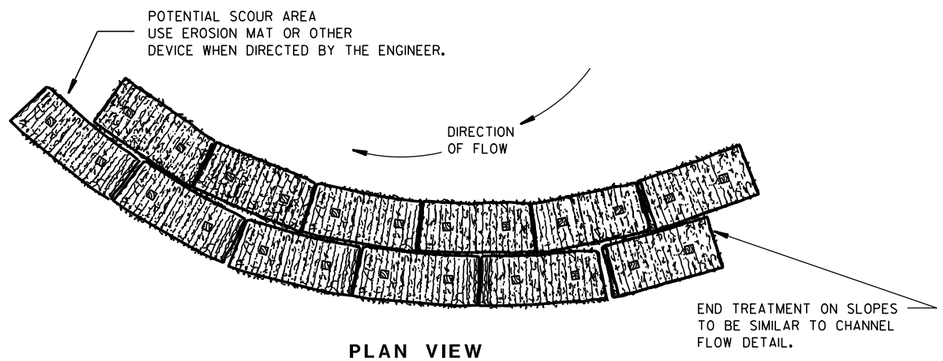
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

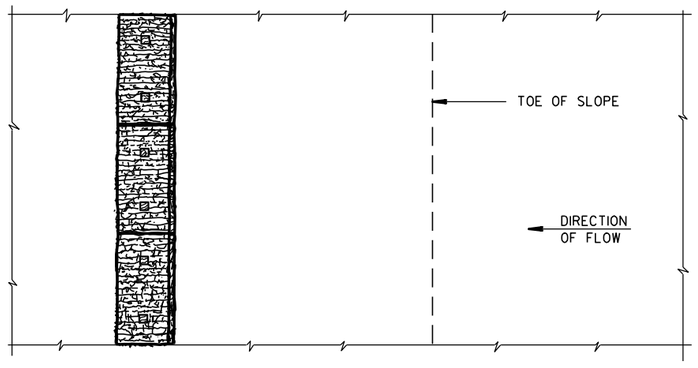
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

① TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

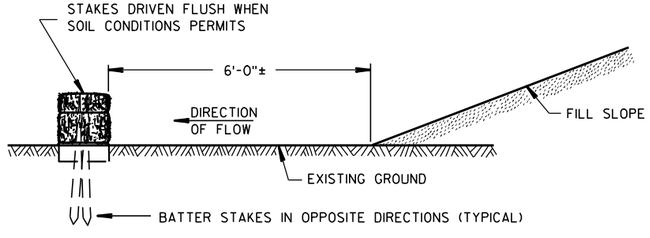


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

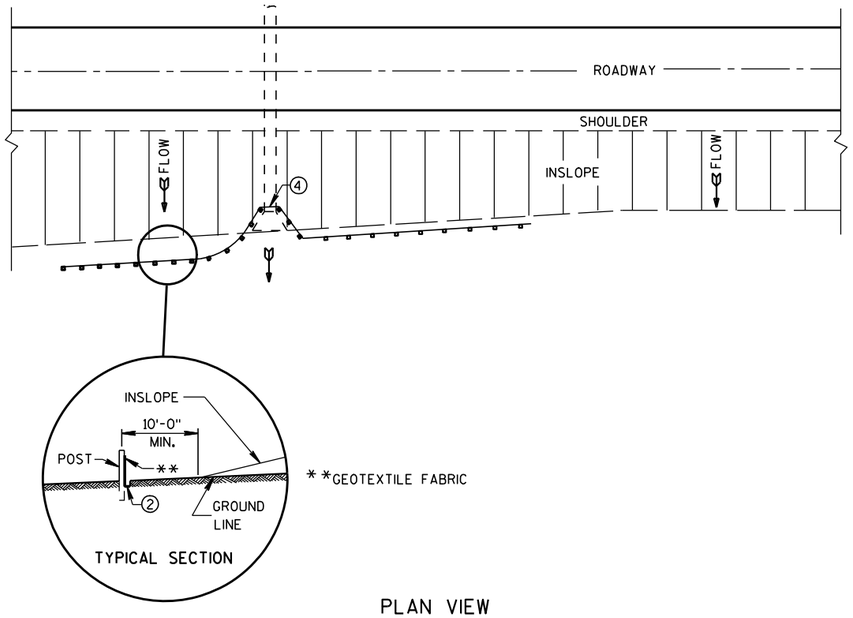
FHWA

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S.D.D. 8 E 8-3

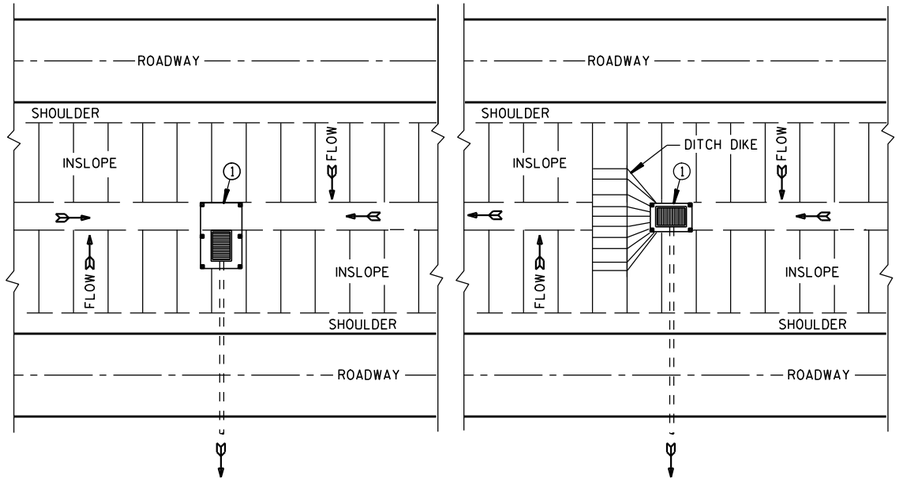
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S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

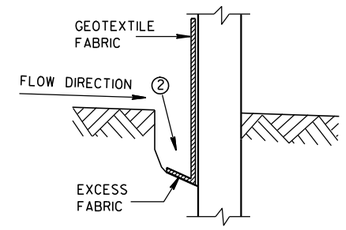
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

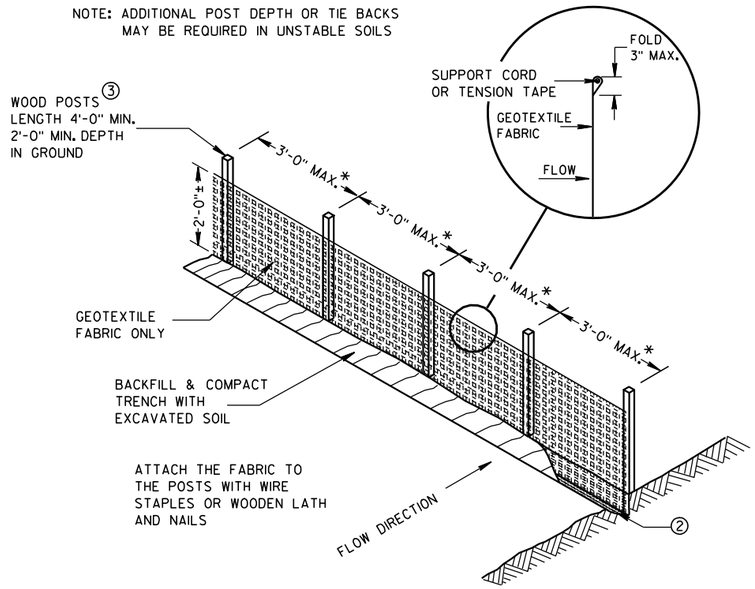
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

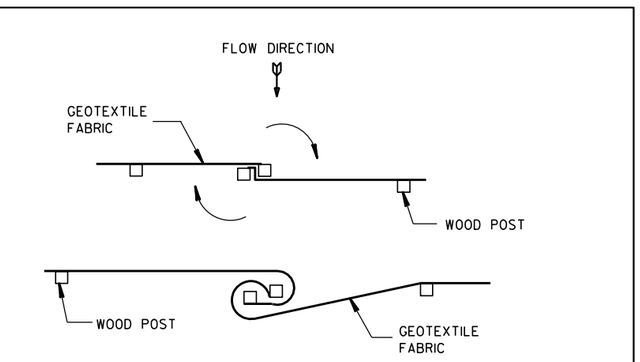
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



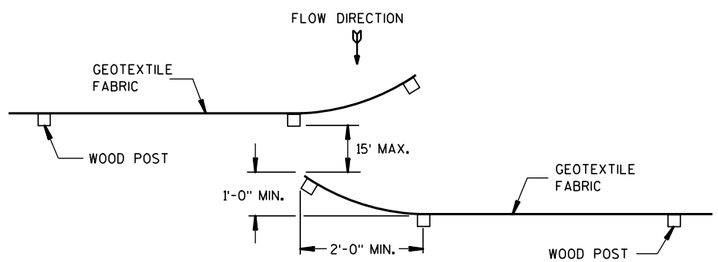
TRENCH DETAIL



SILT FENCE

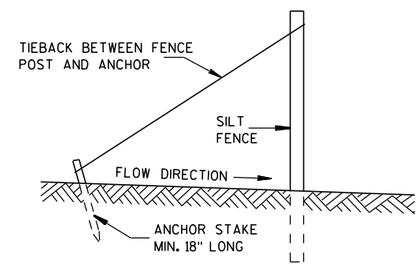


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

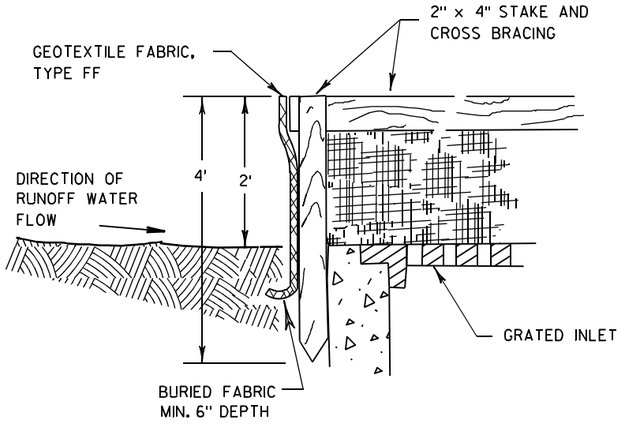
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

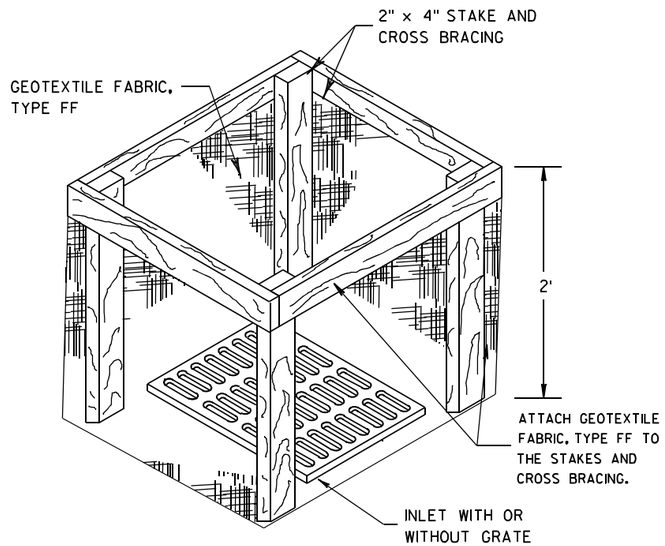
6

S.D.D. 8 E 9-6

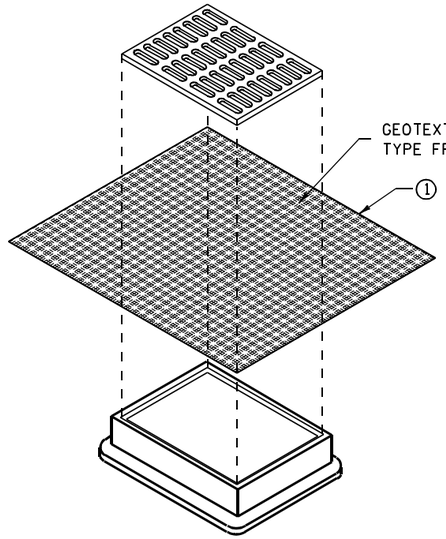
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S.D.D. 8 E 9-6



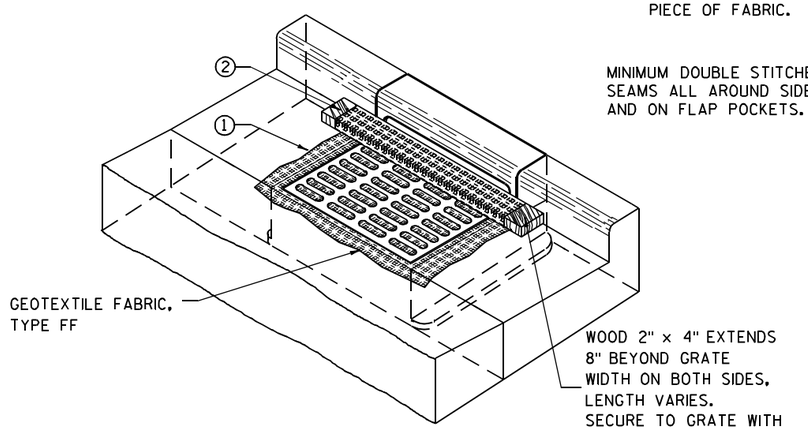


INLET PROTECTION, TYPE A

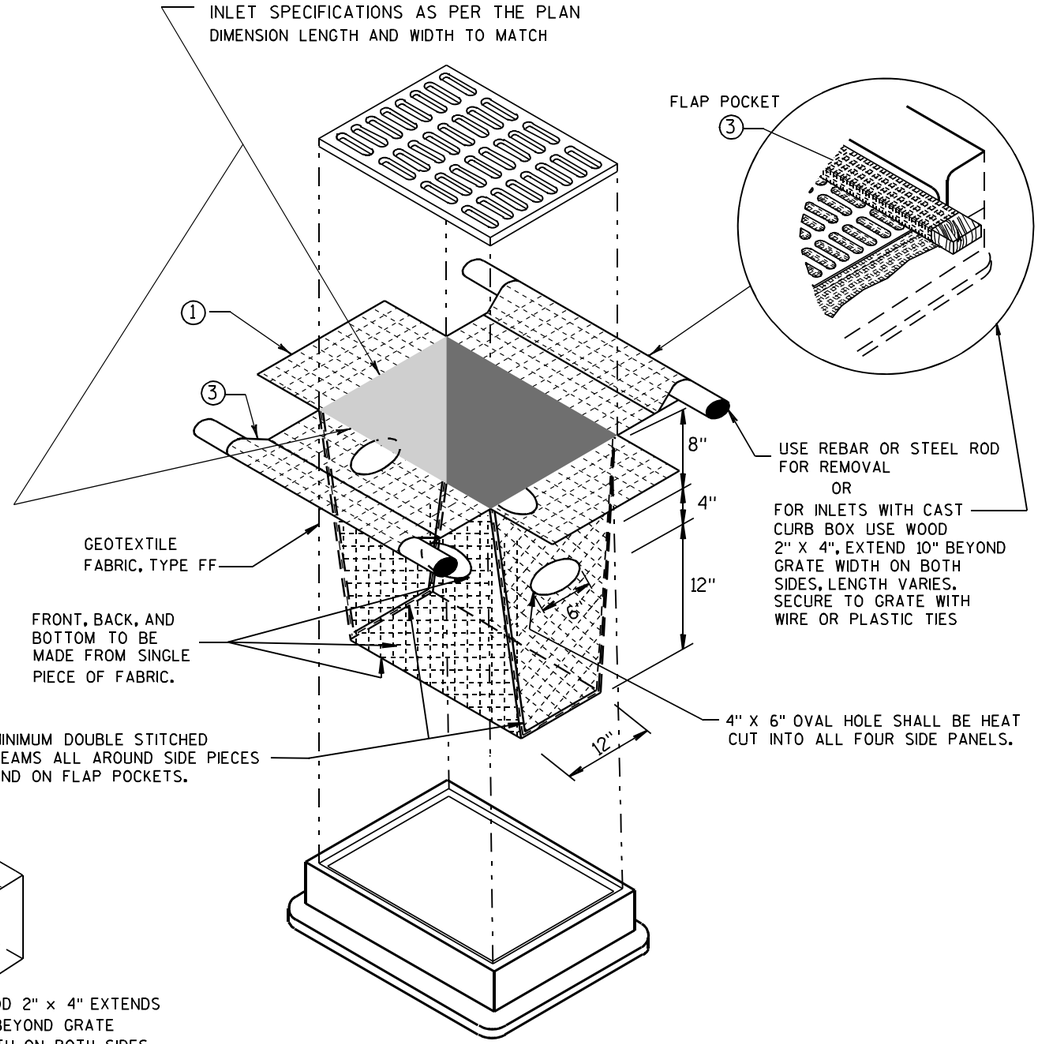


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

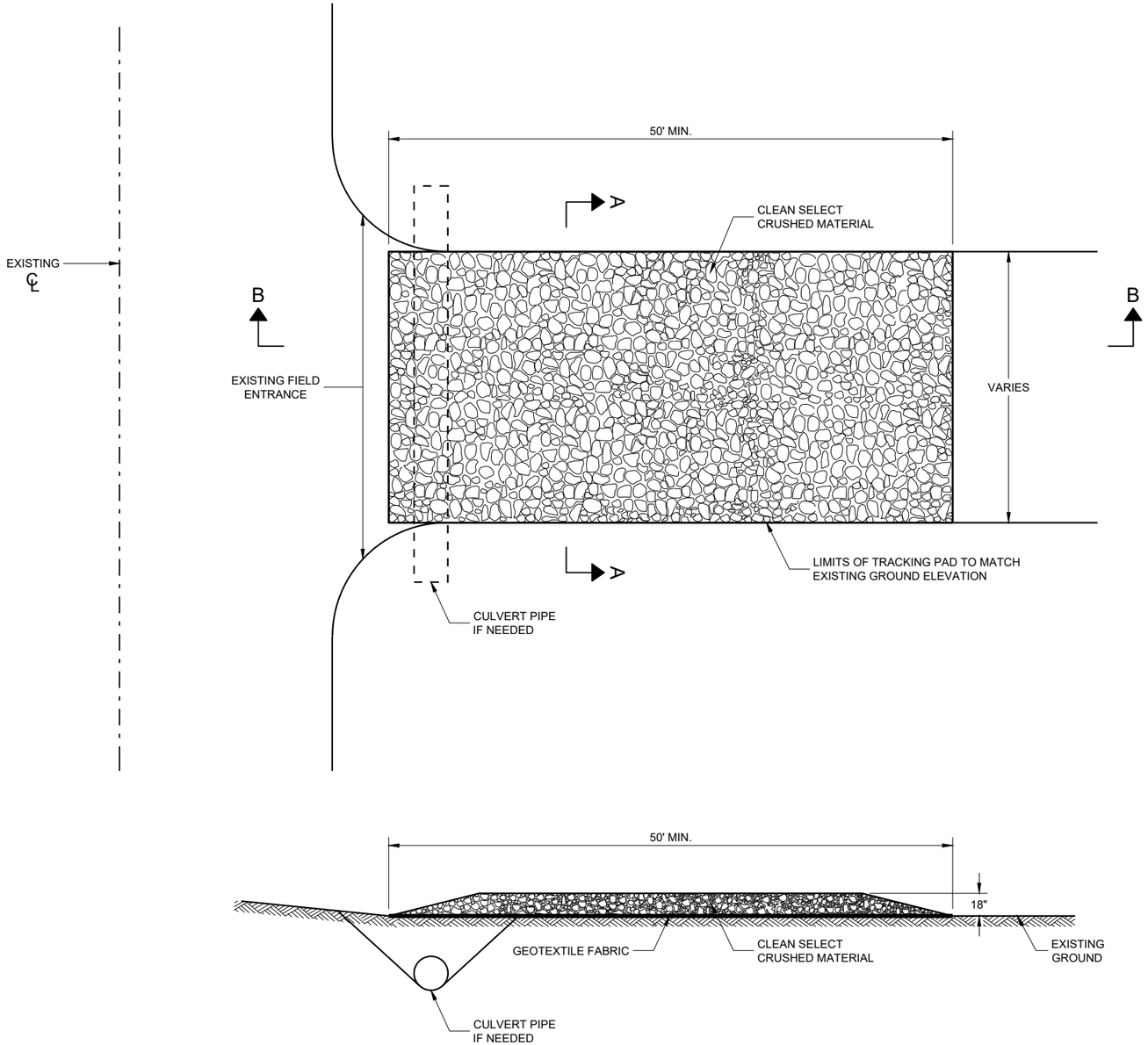
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



SECTION B - B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

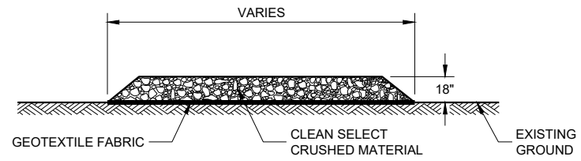
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

6

SDD 08E14 - 01

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

SDD 08E14 - 01

METAL APRON ENDWALLS

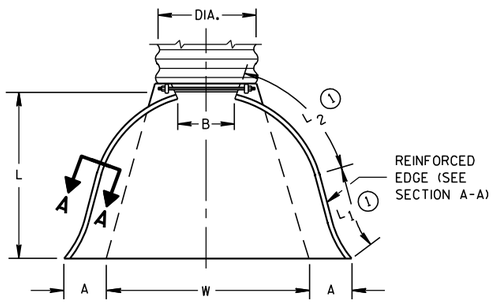
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

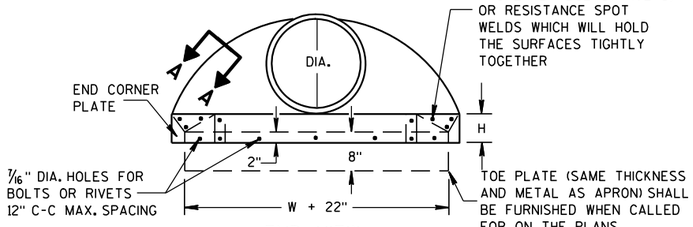
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

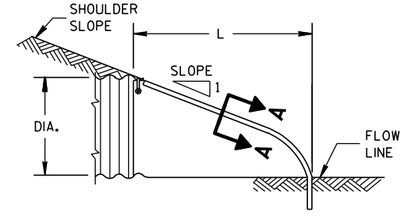
*MINIMUM
**MAXIMUM



PLAN VIEW

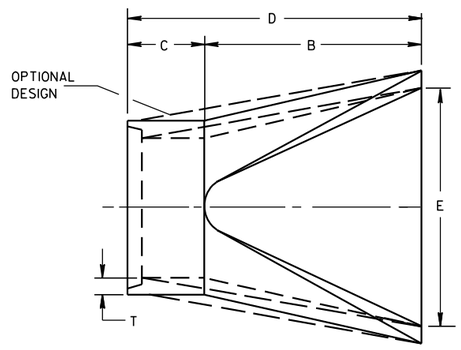


END VIEW

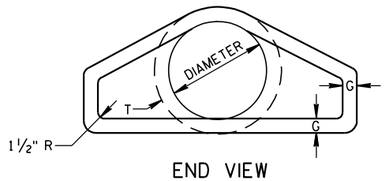


SIDE ELEVATION

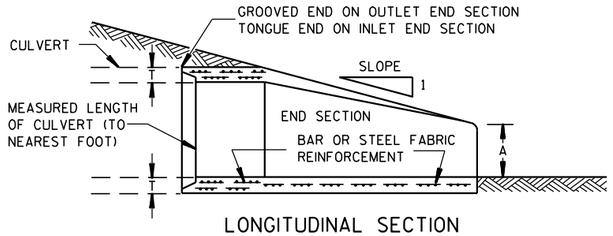
METAL ENDWALLS



PLAN

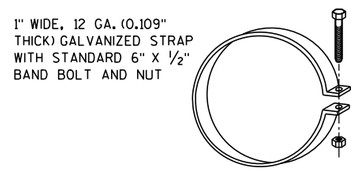


END VIEW



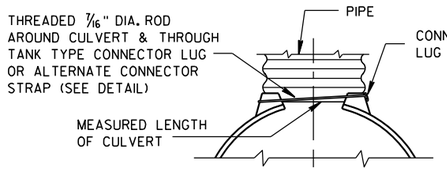
LONGITUDINAL SECTION

CONCRETE ENDWALLS

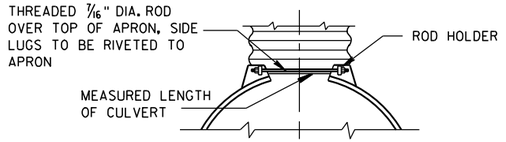


ALTERNATE FOR TYPE 1 CONNECTION

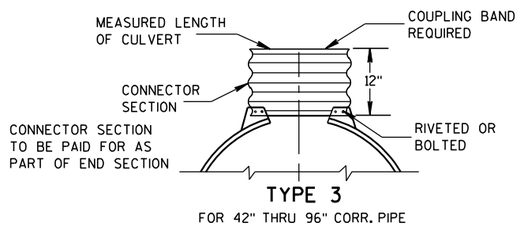
END SECTION CONNECTOR STRAP



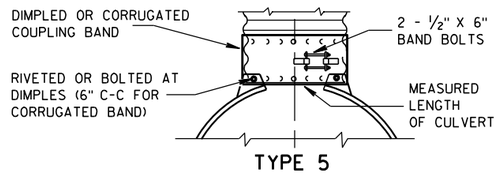
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

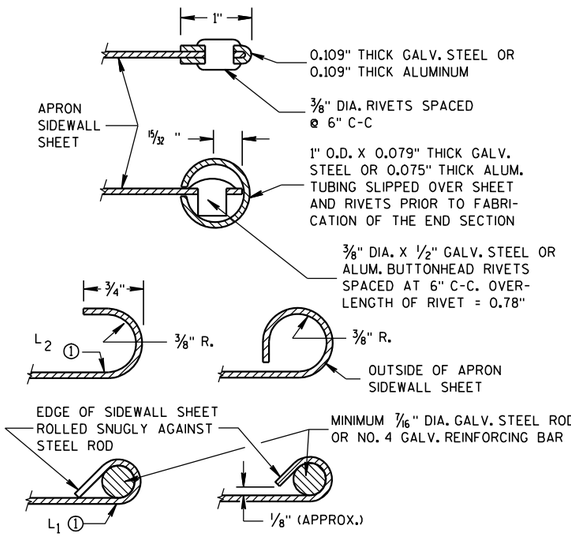
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

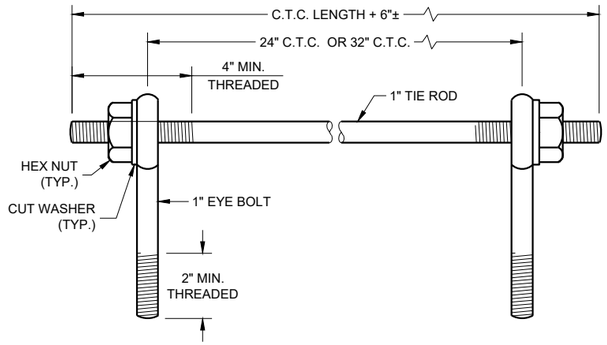
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

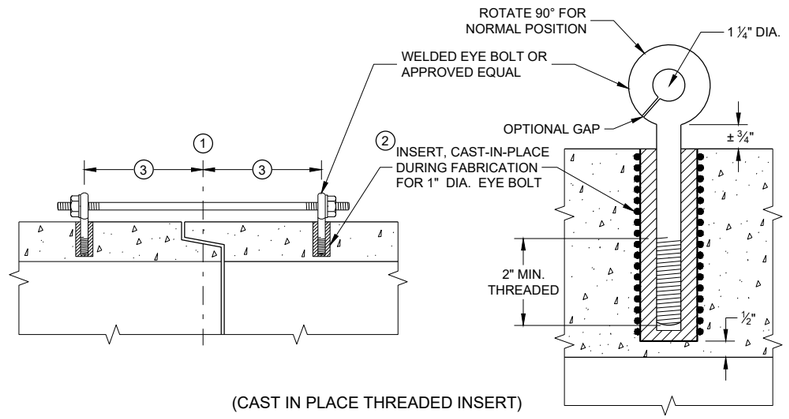
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP 604 NEER
FHWA

6
S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

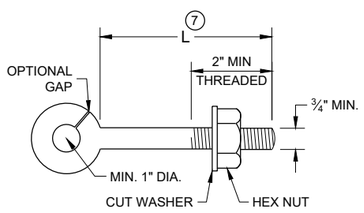
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

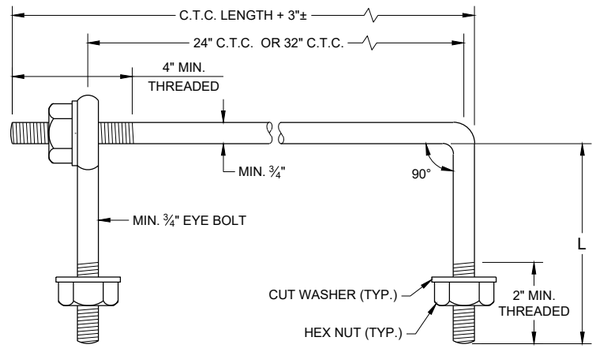
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

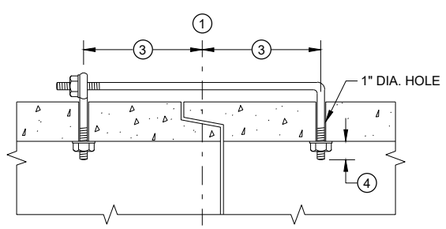


EYE BOLT (7)

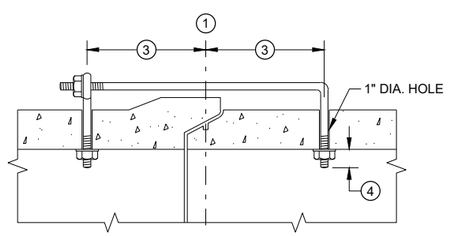
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

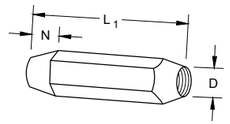
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

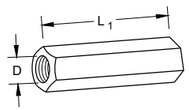
ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



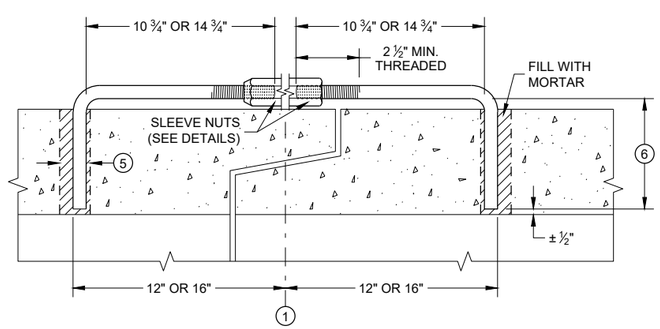
TAPERED



PLAIN

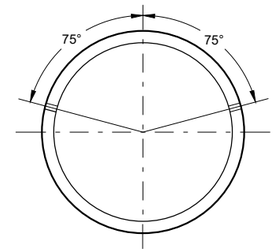
RIGHT AND LEFT THREADS

SLEEVE NUTS



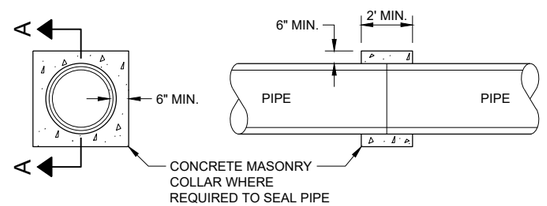
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

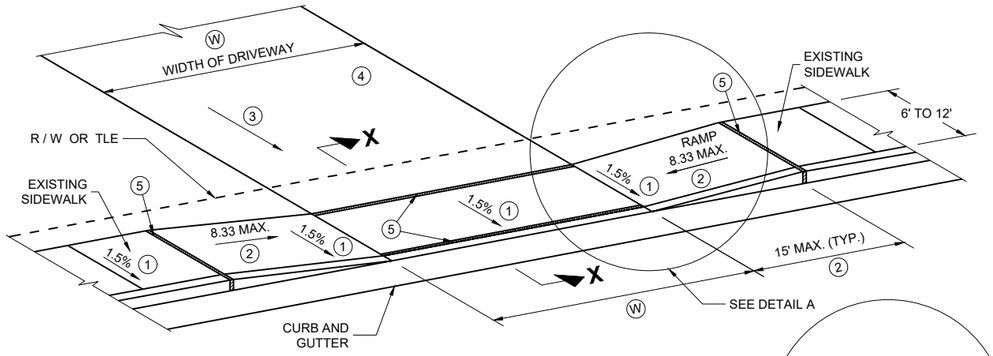
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
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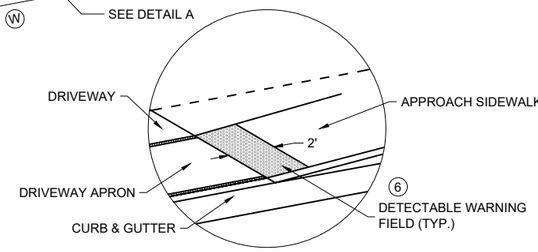
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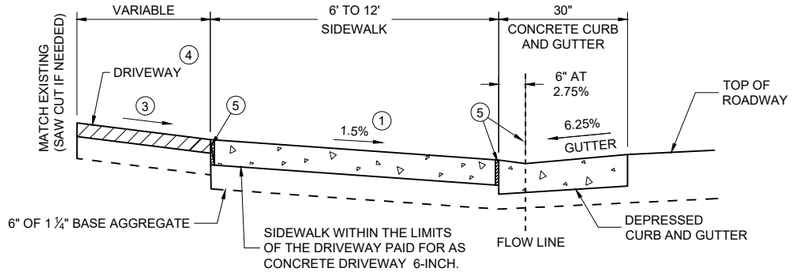
SDD 08F04 - 08



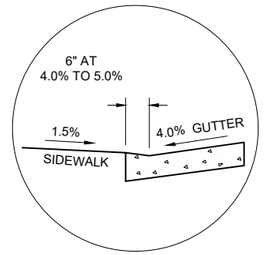
TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



DETAIL A



SECTION X - X

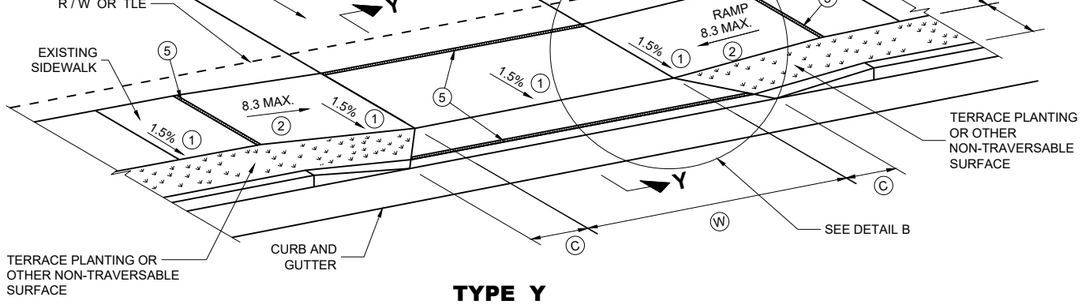


SECTION X - X
4% GUTTER SLOPE

Ⓦ : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.

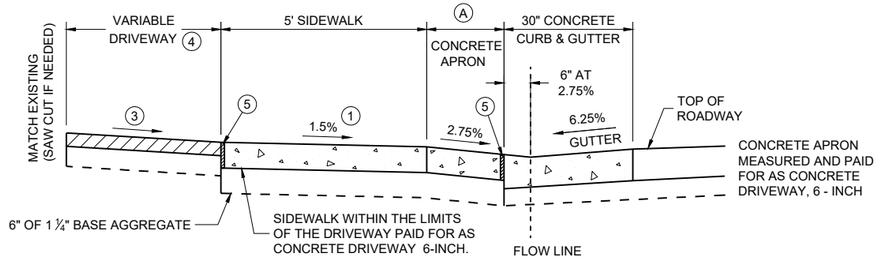
TABLE Y

Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'

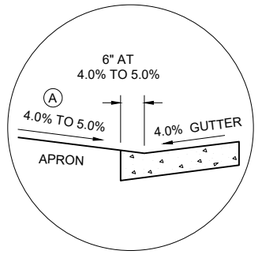


TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

Ⓐ:MEASURE FROM BACK OF CURB



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS



SECTION Y - Y
4% GUTTER SLOPE

SECTION Y - Y

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER

(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

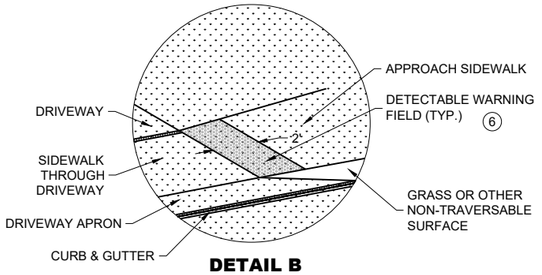
② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
- * 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- * 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- * 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ 1/2" EXPANSION JOINT FILLER

⑥ DETECABLE WARNING FIELDS ARE REQUIRED WHEN A PEDESTRIAN CIRCULATION ROUTE CROSSES A DRIVEWAY THAT IS TRAFFIC SIGNAL, STOP, OR YIELD SIGN CONTROLLED. DETECTABLE WARNING FIELDS TO BE 2 FT DEEP AND EXTEND THE WIDTH OF THE PEDESTRIAN CIRCULATION ROUTE.



DETAIL B

DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

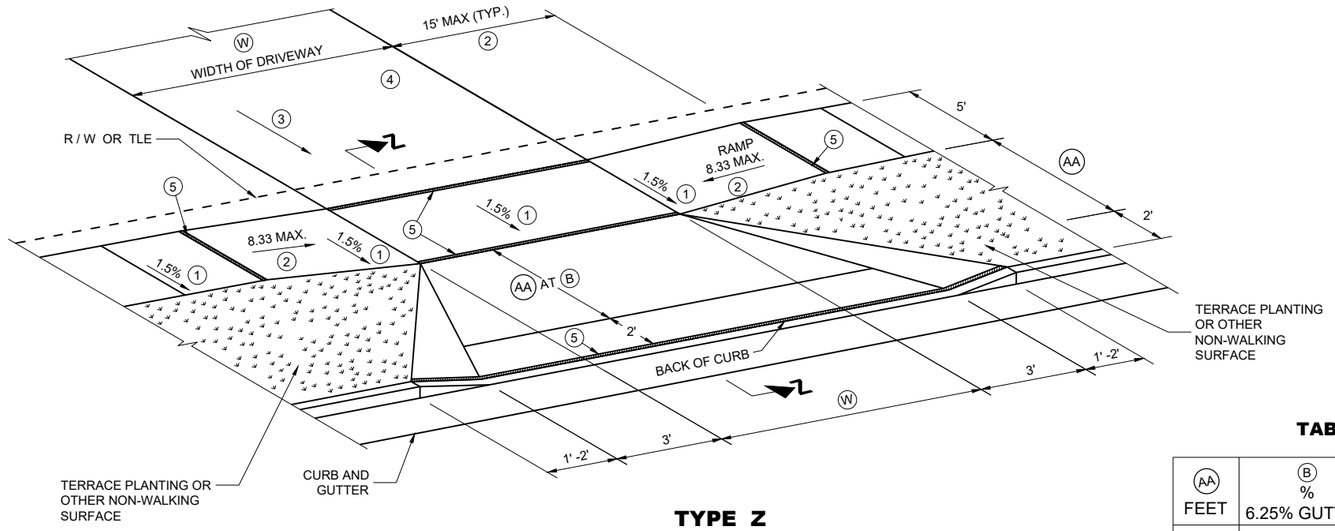
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TYPE Z

SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

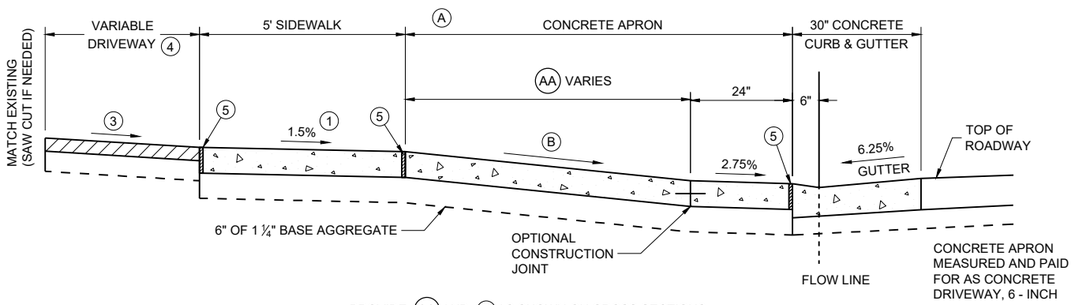
(4) DRIVEWAY TYPES
- * 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE 2-INCH
- * TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE 6-INCH BASE
- * AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

(5) 1/2" EXPANSION JOINT FILLER.

TABLE Z

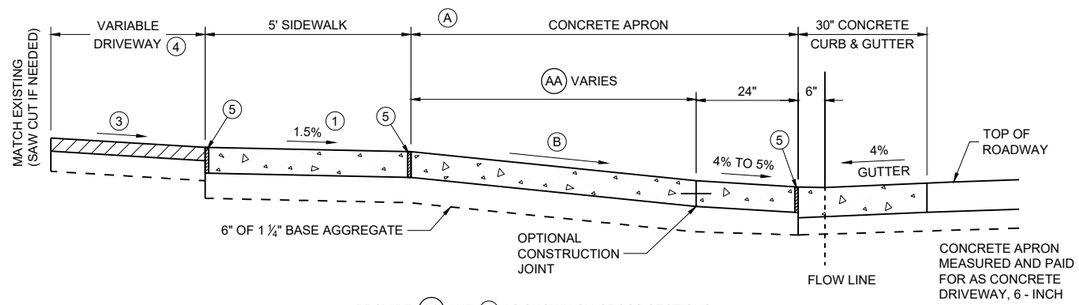
(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

(W) : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SECTION Z - Z

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER

(URBAN AND SUBURBAN)

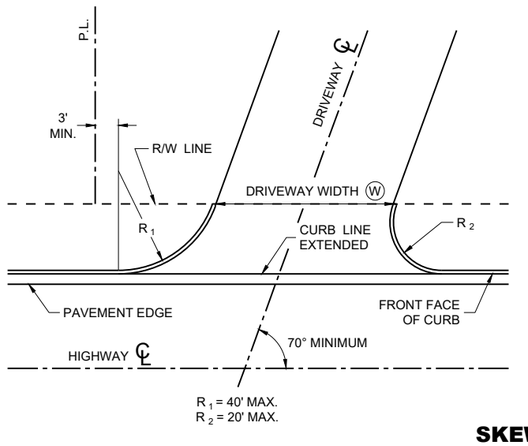
DRIVEWAY AND SIDEWALK RAMPS TYPE Z

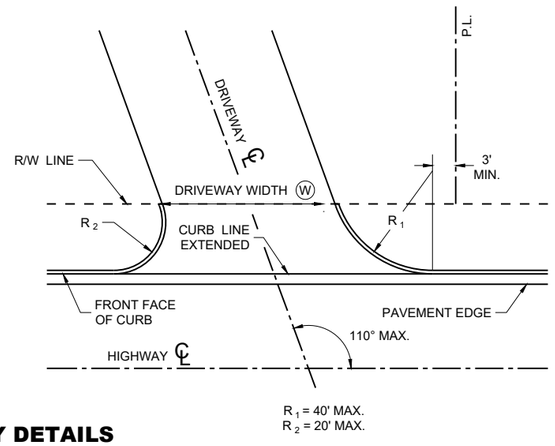
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SKEWED DRIVEWAY DETAILS (COMMERCIAL AND NON-COMMERCIAL)

SIDEWALK NOT SHOWN

GENERAL NOTES

A MAXIMUM RADIUS OF 10 FEET SHALL BE USED FOR NON-COMMERCIAL PRIVATE ENTRANCES. RADII FOR COMMERCIAL DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER BASED ON TRAFFIC AND DRIVEWAY PERMIT RESTRICTIONS.

THE MINIMUM ANGLE OF INTERSECTION BETWEEN THE DRIVEWAY AND HIGHWAY CENTERLINES SHALL BE 70°.

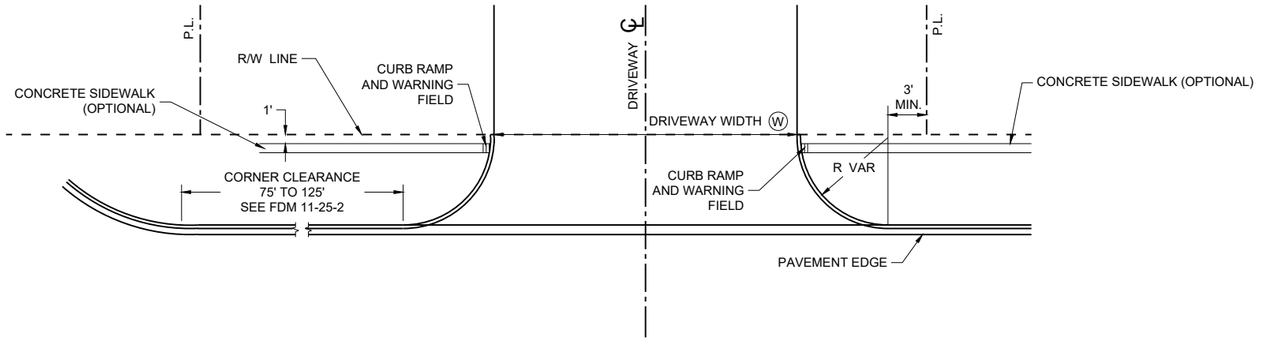
ALL CURVILINEAR PRIVATE ENTRANCE OUTLINES SHALL BE CONTAINED WITHIN THE HIGHWAY R/W.

NO DRIVEWAY SHALL BE BUILT WITHIN 3 FEET OF THE PROPERTY LINE EXCEPT FOR EXISTING JOINT DRIVEWAY SHARED BY TWO OWNERS.

DETECTABLE WARNING FIELDS ARE REQUIRED WHEN A PEDESTRIAN CIRCULATION ROUTE CROSSES A DRIVEWAY THAT IS TRAFFIC SIGNAL, STOP, OR YIELD CONTROLLED.

DETECTABLE WARNING FIELDS TO BE 2' DEEP AND EXTEND THE WIDTH OF THE PEDESTRIAN CIRCULATION ROUTE.

(W) : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.



DRIVEWAY LOCATION AND SPACING

DRIVEWAY CENTERLINE MAY BE A COMMON PROPERTY LINE FOR SHARED DRIVEWAYS

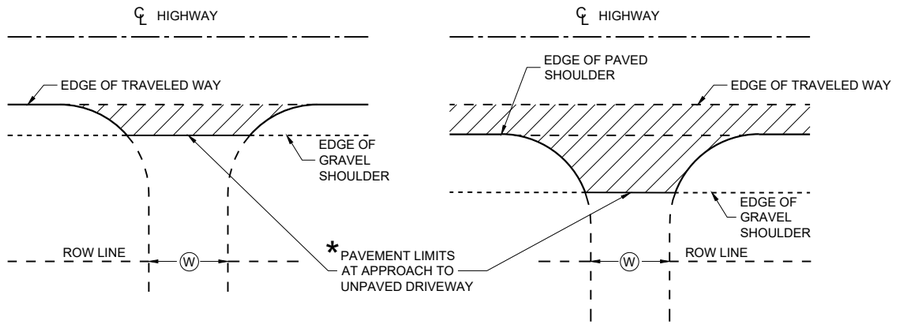
DRIVEWAYS WITH CURB AND GUTTER RETURNS

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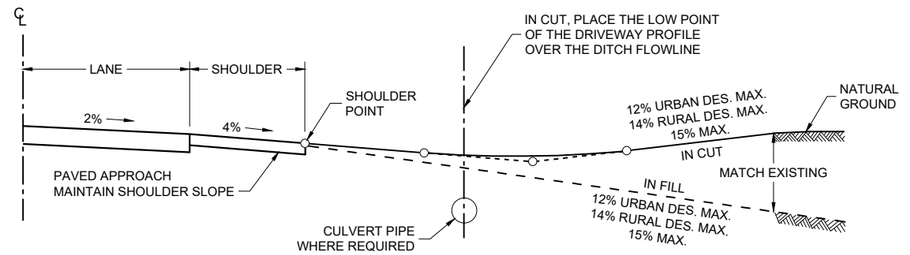


* WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT.

PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

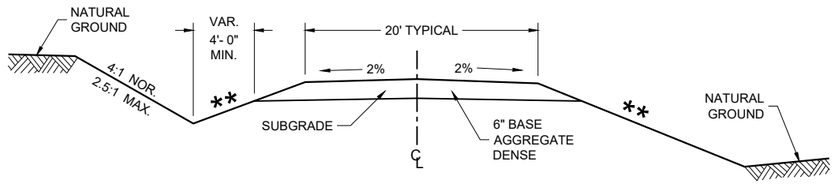
PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL (NO CURB AND GUTTER OR SIDEWALK)



TYPICAL DRIVEWAY PROFILES

Ⓦ : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.

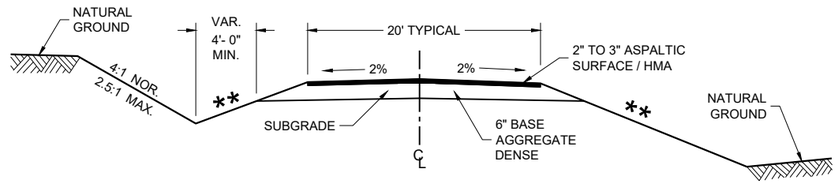


IN CUT IN FILL

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

** SLOPE CAN VARY WITH SPEED. SEE 11-45-30.6.2

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥ 35 TO < 60	6:1
≥60	10:1



IN CUT IN FILL

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

6

6

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DRIVEWAYS WITHOUT CURB AND GUTTER

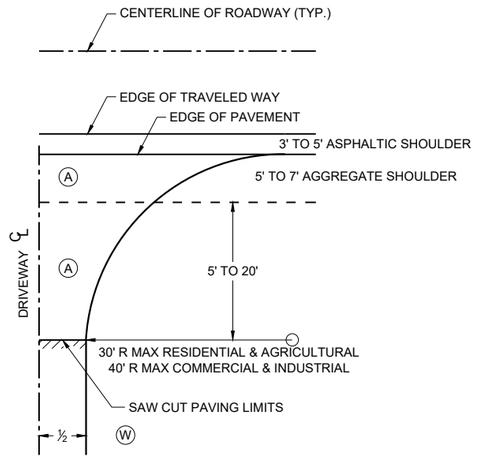
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FHWA

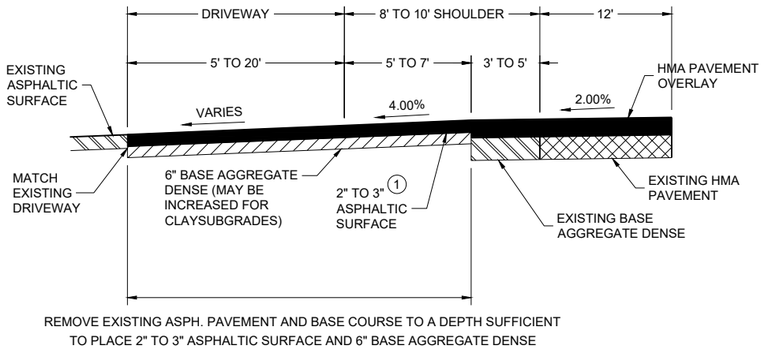
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



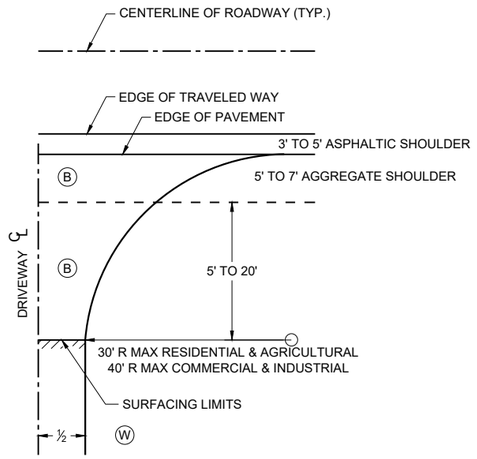
PROFILE VIEW

RURAL ENTRANCE WITH ASPHALTIC SURFACE RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

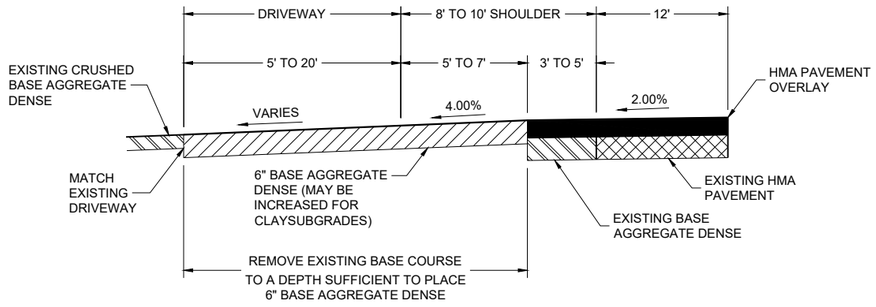
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 1/4" (TON)

(W) : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.



PLAN VIEW

HALF SECTION



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE 6" BASE AGGREGATE DENSE RESURFACING PROJECTS

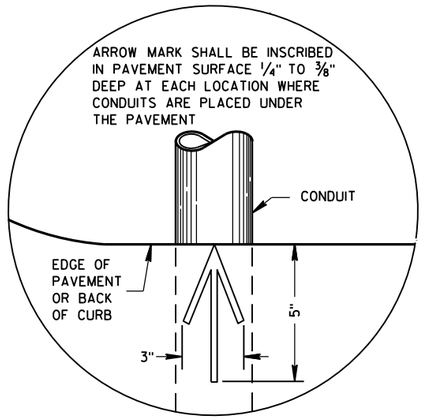
DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL

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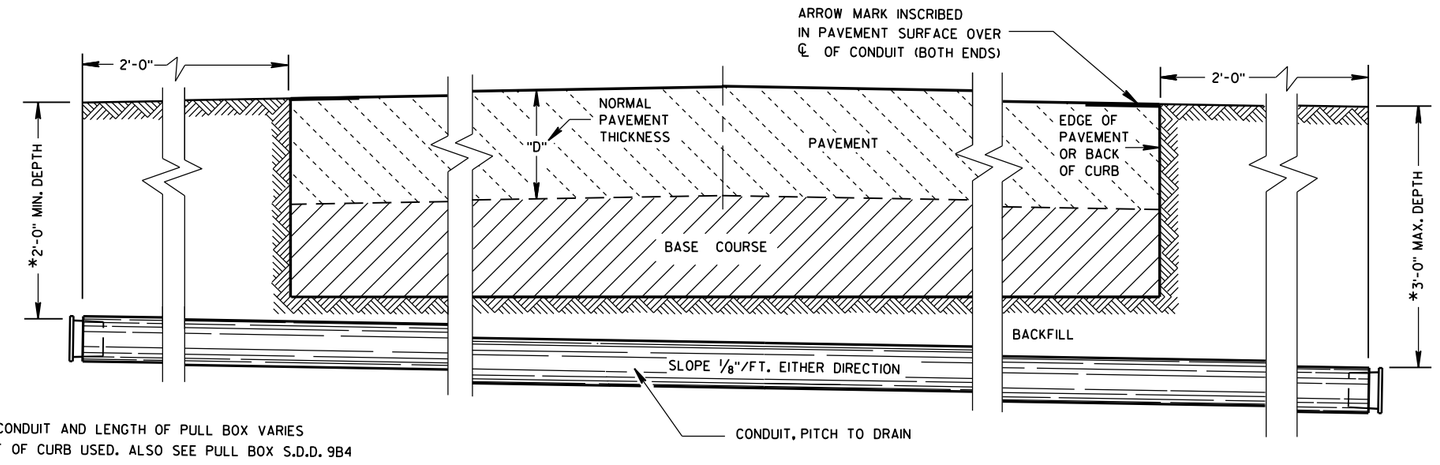
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PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

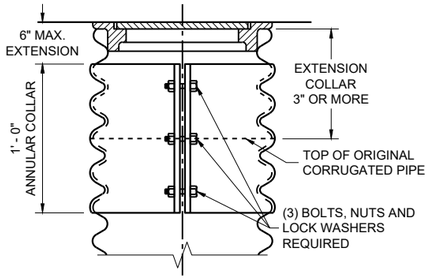
CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

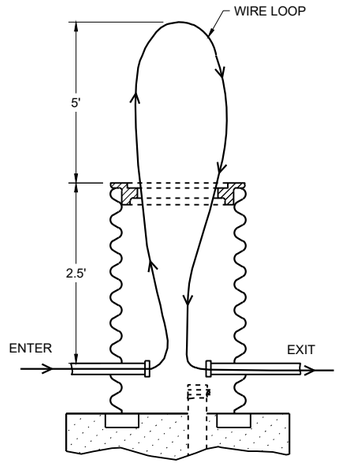
APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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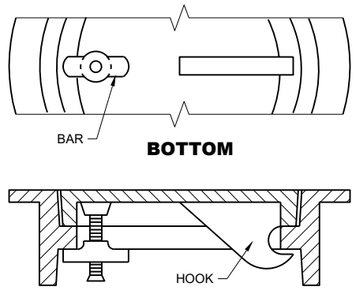
S.D.D. 9 B 2-10



CORRUGATED PIPE EXTENDER



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX



BOTTOM

SECTION

ALTERNATE COVER (LOCKING)

TIGHTENING BAR TYPE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL FRAMES AND COVERS SHALL BE HEAVY DUTY TYPE, SUITABLE FOR VEHICULAR TRAFFIC LOADS.

PULL BOXES LOCATED IN THE ROADWAYS SHALL HAVE LOCKING COVERS.

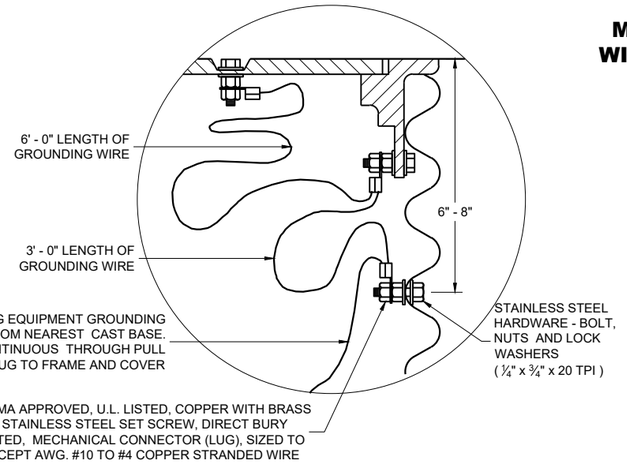
ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

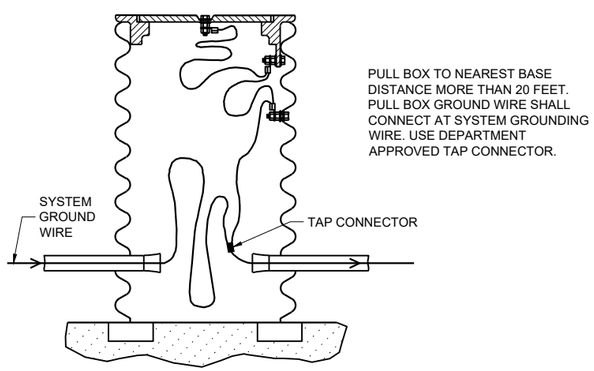
GROUNDING LUGS (MECHANICAL CONNECTORS) SHALL BE U.L. LISTED AND APPROVED FOR USE WITH COPPER WIRE.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

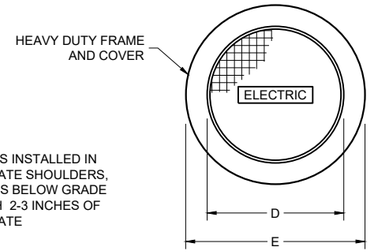
WHEN PULL BOXES ARE INSTALLED FOR FUTURE USE, DO NOT INSTALL THE EQUIPMENT GROUNDING LUG. THE EQUIPMENT GROUNDING LUG, THE EQUIPMENT GROUNDING ELECTRODE AND THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE REQUIRED AND INSTALLED UNDER A FUTURE WIRING CONTRACT.



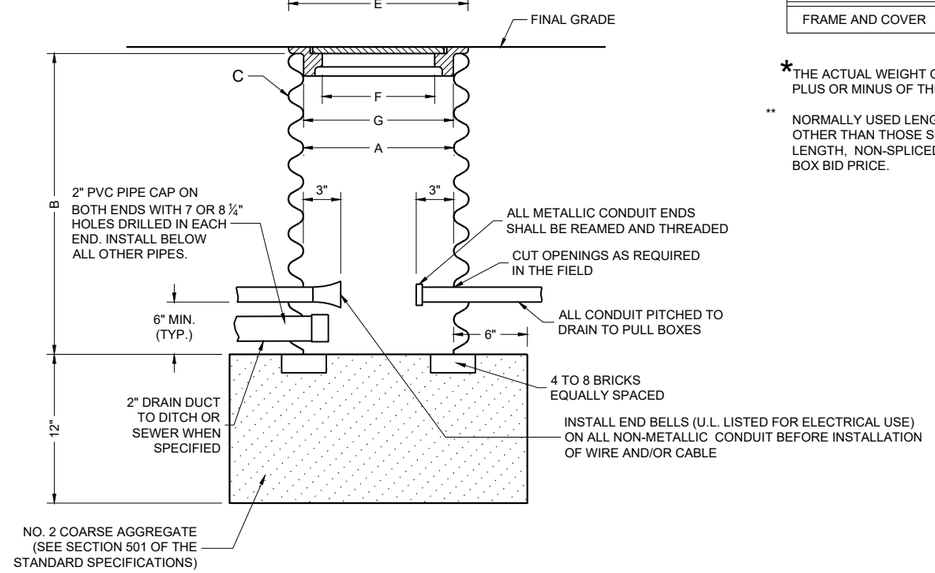
EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



EQUIPMENT GROUNDING LUG AND LOCATION IN STEEL PULL BOXES



WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE



PULL BOX

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

DIMENSION IN INCHES		CORRUGATED STEEL PIPE								
PIPE DIAMETER (INSIDE)	A	12	12	12	18	18	18	24	24	24
PIPE LENGTH **	B	24	30	36	24	30	36	36	42	48
WALL THICKNESS	C	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064	0.064
COVER	D	10 ¼	10 ¼	10 ¼	16 ¼	16 ¼	16 ¼	22 ¼	22 ¼	22 ¼
FRAME	E	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½	26 ½	26 ½	26 ½
FRAME	F	8 ½	8 ½	8 ½	14 ½	14 ½	14 ½	20 ½	20 ½	20 ½
FRAME	G	11 ½	11 ½	11 ½	17 ½	17 ½	17 ½	23 ½	23 ½	23 ½
WEIGHT IN POUNDS*										
FRAME AND COVER		60	60	60	110	110	110	155	155	155

*THE ACTUAL WEIGHT OF THE MANHOLE FRAME AND COVER MAY VARY WITHIN 5 PERCENT PLUS OR MINUS OF THE WEIGHTS SHOWN.

** NORMALLY USED LENGTHS. THE PROJECT ENGINEER SHALL DETERMINE IF PIPE LENGTHS, OTHER THAN THOSE SPECIFIED, SHALL BE USED, TO A MAXIMUM OF 48" (CONTINUOUS LENGTH, NON-SPLICED). THE ADDITIONAL LENGTH SHALL BE INCIDENTAL TO THE PULL BOX BID PRICE.

PULL BOX

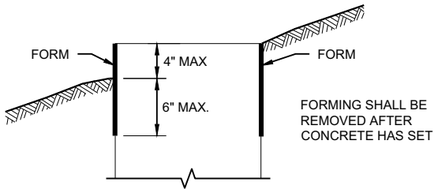
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

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SDD 09B04-13

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

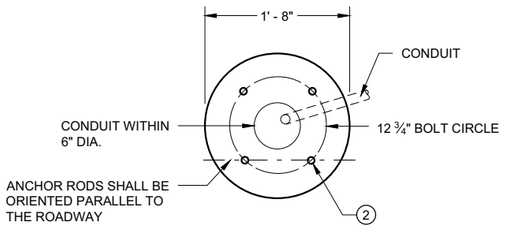
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

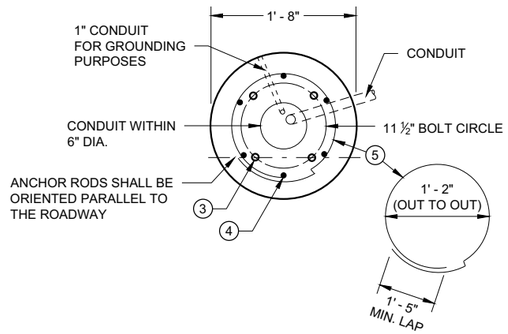
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

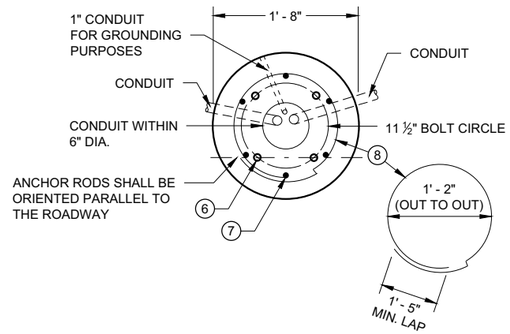
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

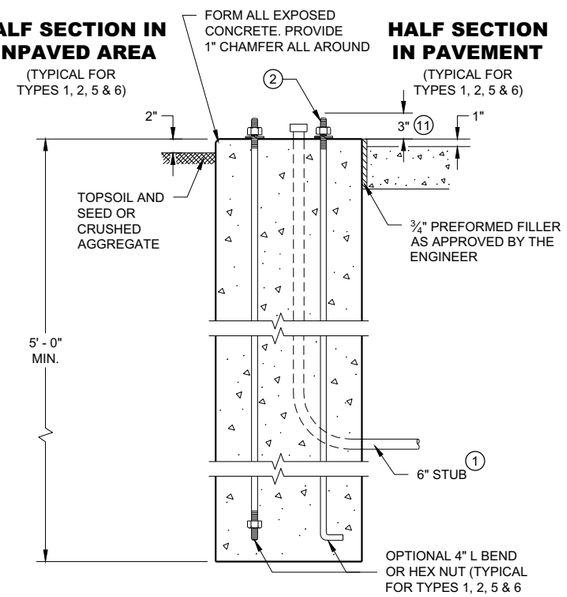
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

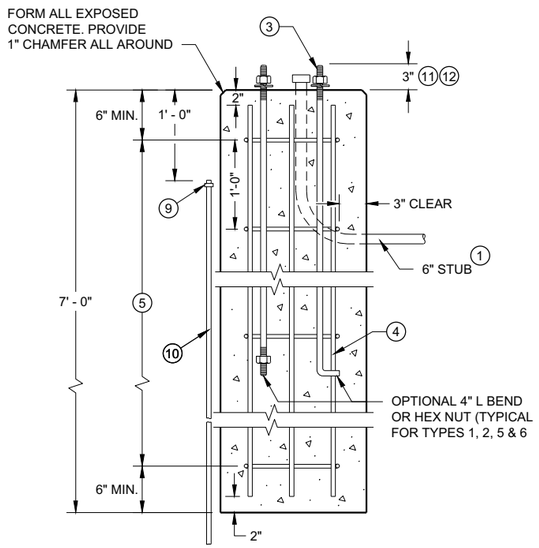
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

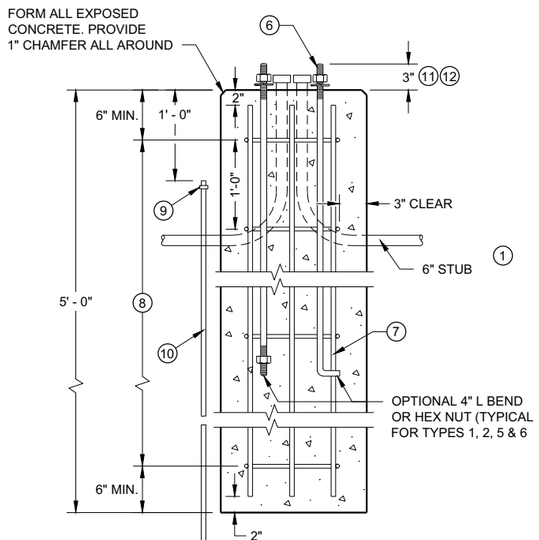
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES
TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 613
FHWA

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

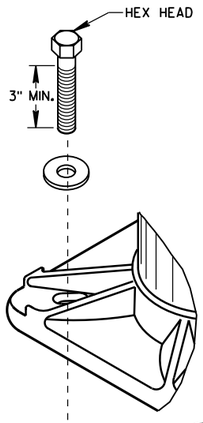
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

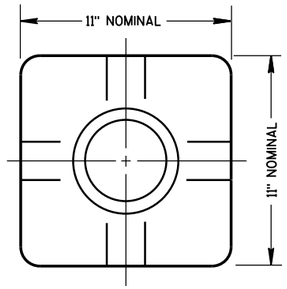
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

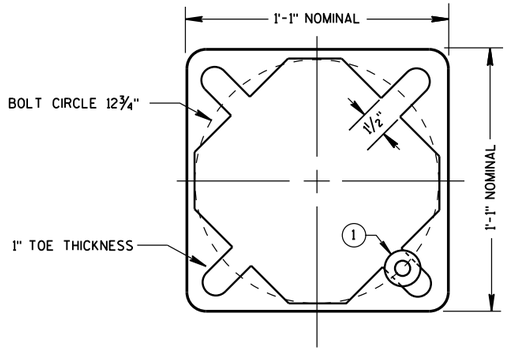
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

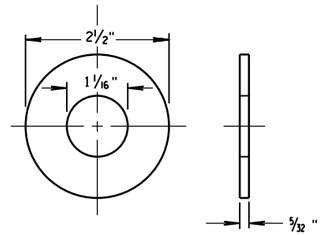




TOP VIEW
(PEDESTAL BASE)

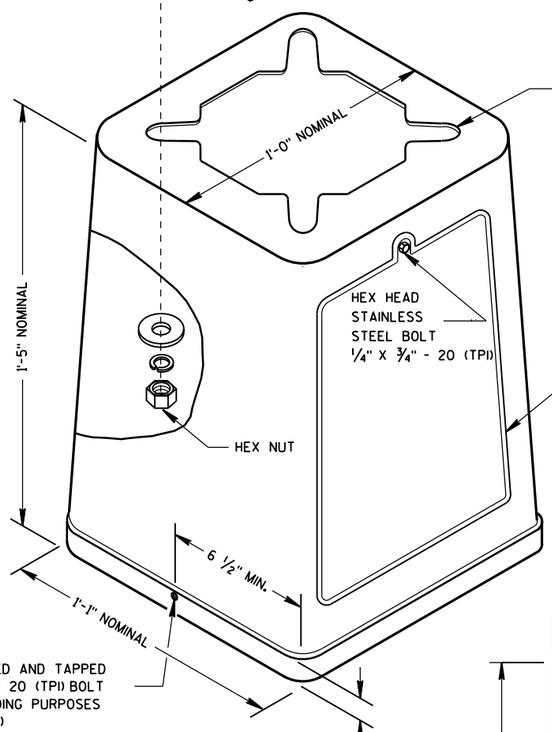


BOTTOM VIEW
(PEDESTAL BASE)

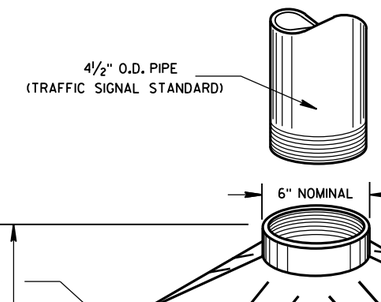


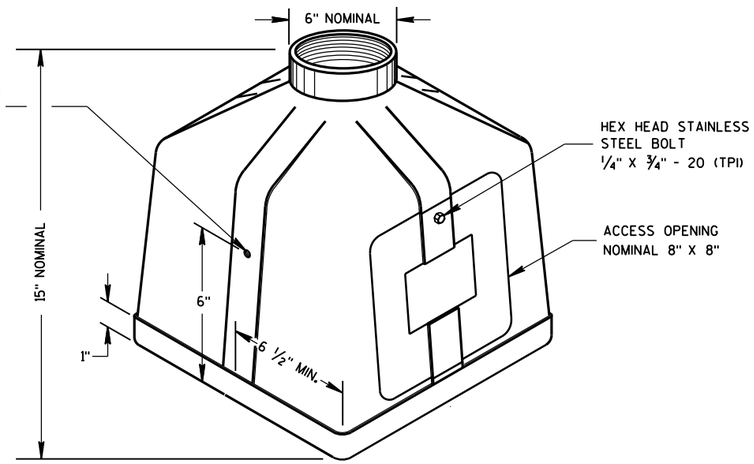
ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

PEDESTAL BASE WASHER (1)



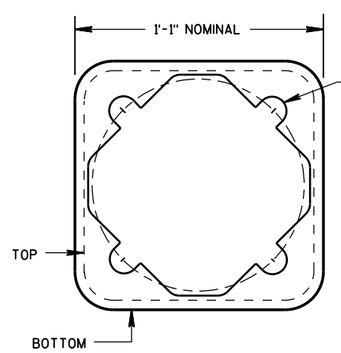
ISOMETRIC VIEW



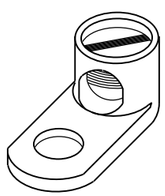


ISOMETRIC VIEW

PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

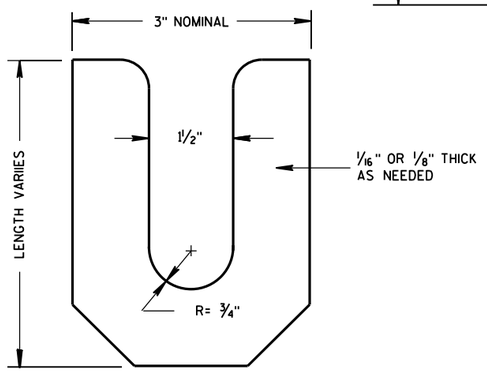


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

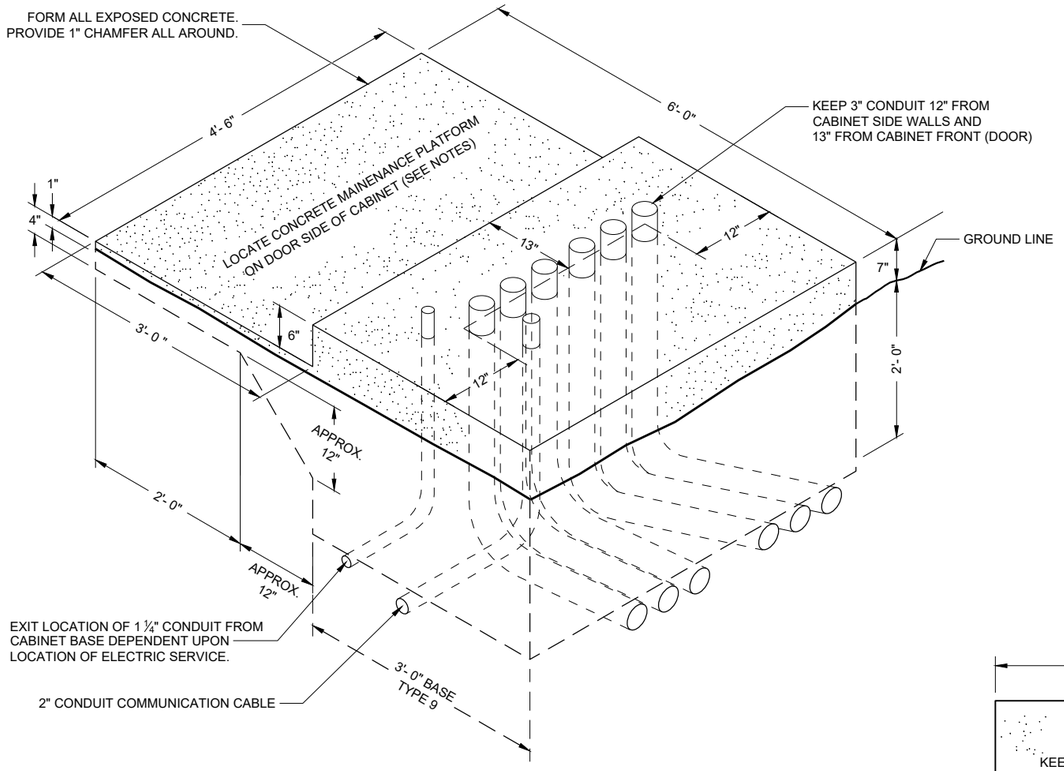
TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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S.D.D. 9 C 3-4

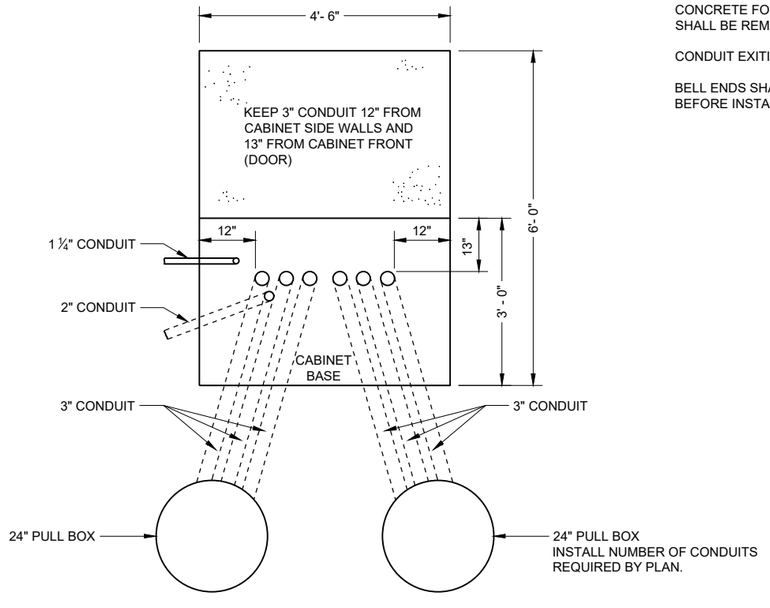
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



ISOMETRIC VIEW

TYPE 9 SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE (SIX 3") SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 615

FHWA

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SDD 09C06 - 07

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SDD 09C06 - 07

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

ENDS OF CONDUIT INSTALLED BELOW GRADE FOR FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

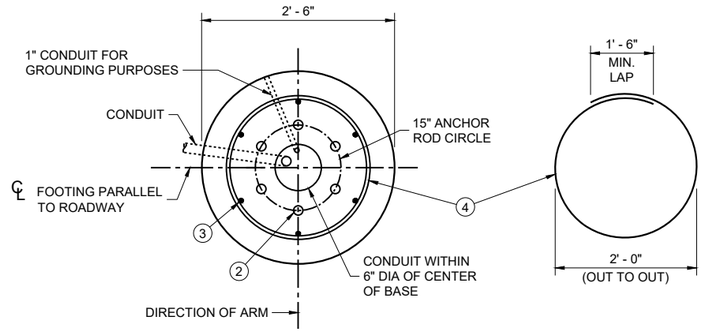
(2) (6) 1 ½ DIA. X 4' - 4" ANCHOR RODS

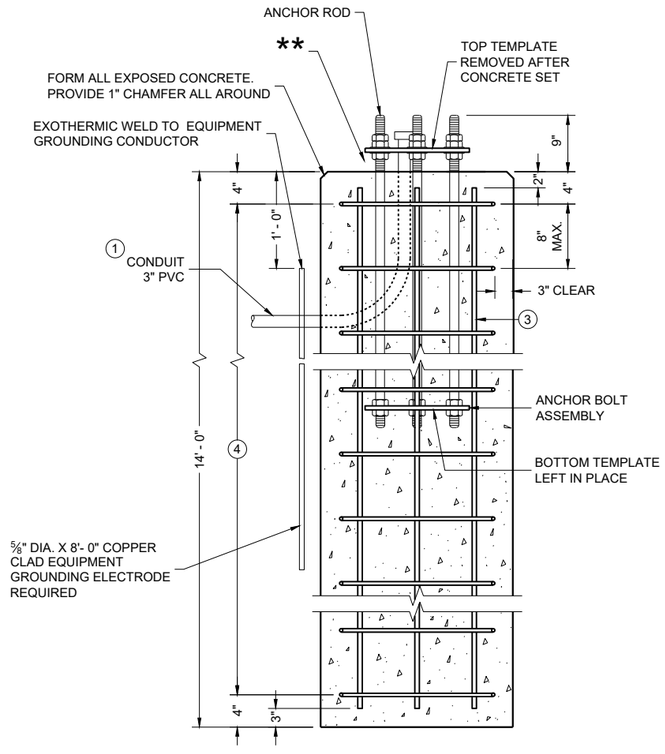
(3) (6) NO. 6 X 13' - 7" BAR STEEL REINFORCEMENT.

(4) (21) NO. 5 X 7'-10" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION).....fy = 55,000 p.s.i.
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.

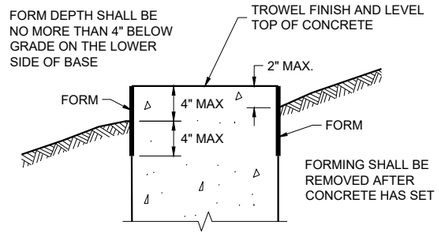
QUANTITY REQUIREMENTS	
APPROX. CUBIC YARDS OF CONCRETE	2.5
LBS. OF HOOP BAR STEEL	172
LBS. OF VERTICAL BAR STEEL	122



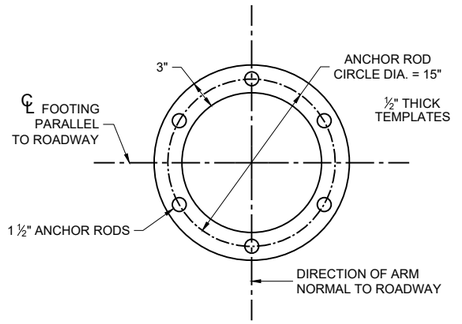


CONCRETE BASE, TYPE 10 SPECIAL OVER HEIGHT (FOR OVER HEIGHT TYPE 9 & OVER HEIGHT TYPE 10 SPECIAL POLES ONLY)

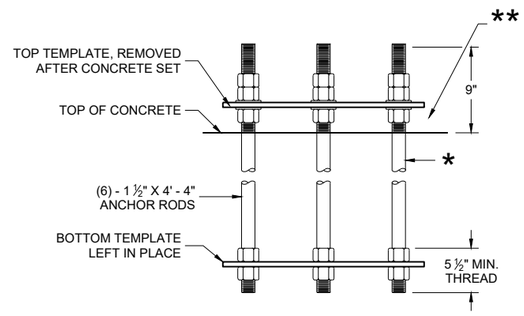
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE SDD 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION.



FORMING DETAIL



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE TYPE 10

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Ahmet Demerbilek — WIND LOADED STRUCTURES PROGRAM LEADER
FHWA

6
SDD 09C11-11

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES (SHAFT), BELOW THE WING, SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

CONDUIT SIZE AND LOCATIONS SHALL BE AS SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASE SHALL BE 4 ½ INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NONMETALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTOR FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

A NO. 4 AWG, STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1-INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4-FOOT COIL OF WIRE ABOVE THE CONCRETE BASE, THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF THE UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVEL WAY SHALL BE 24-INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18-INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36-INCHES, (GREATER THAN 36-INCHES IF INSTALLED IN BREAKER-RUN), EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.

(2) (6) 1 ¾" DIA. X 7' - 2" ANCHOR RODS

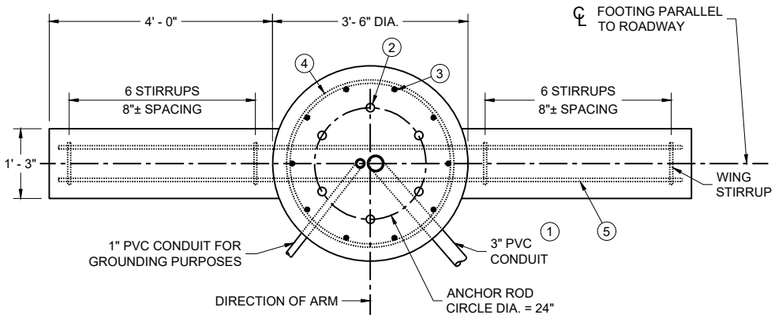
(3) (10) NO. 6 X 14' - 1" BAR STEEL VERTICAL REINFORCEMENT.

(4) (22) NO. 5 X 11'- 0" BAR STEEL REINFORCEMENT @ 8" MAX. C-C.

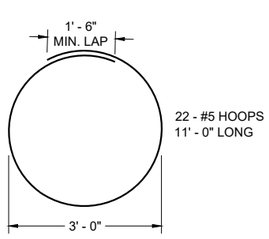
(5) (10) NO. 5 X 11' - 0" BAR STEEL HORIZONTAL REINFORCEMENT

CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION).....fy = 55,000 p.s.i.
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.

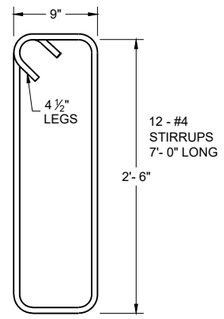
** RODENT PROTECTION REQUIRED



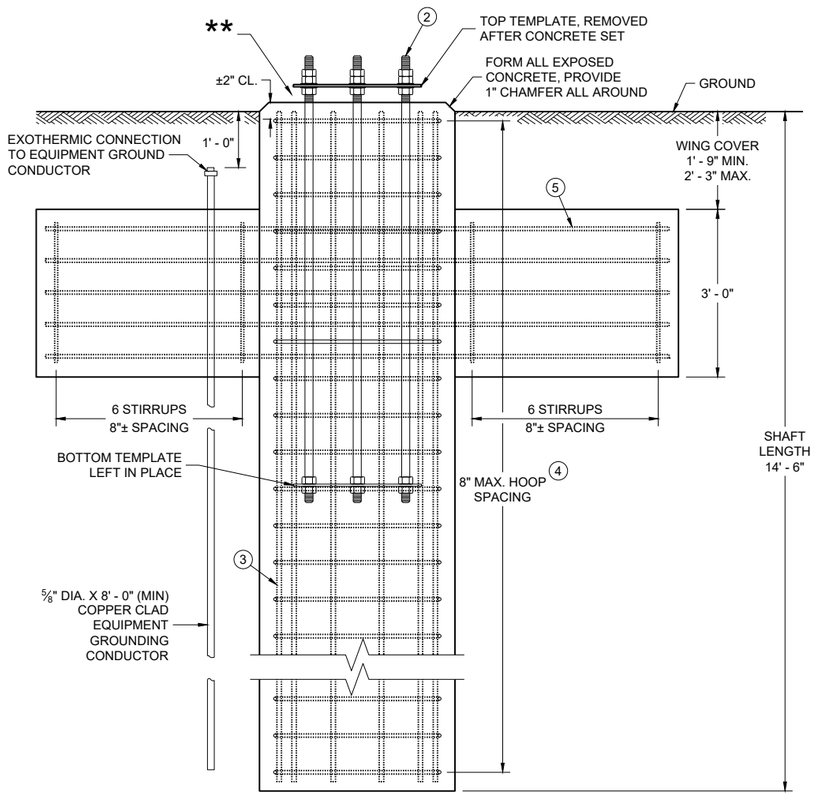
PLAN VIEW



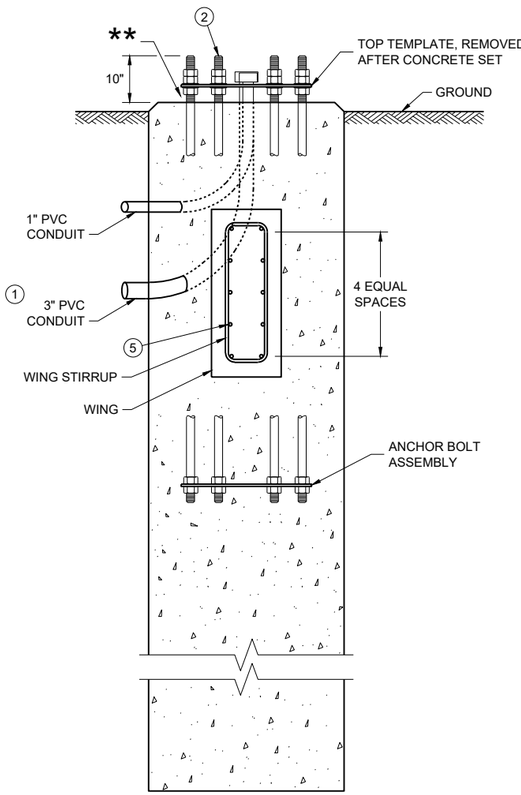
HOOP DETAIL



WING STIRRUP DETAIL



ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)

CONCRETE BASE, TYPE 13

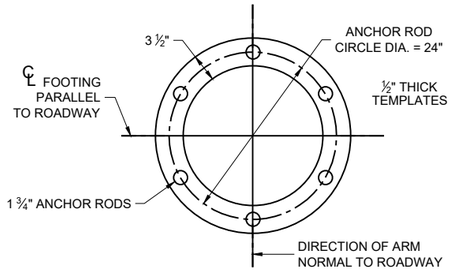
(FOR TYPE 12, TYPE 13 AND OVER HEIGHT (OH) POLES)

CONCRETE = 6.3 CUBIC YARD
H.S. REINFORCEMENT = 635 LBS.

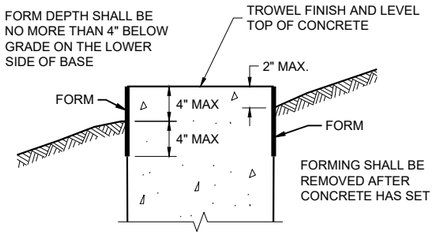
TO BE USED WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION. SEE 9C13 WHEN GROUND ELEVATION AT BASE IS LOWER THAN HIGH POINT OF ROADWAY ELEVATION

CONCRETE BASE TYPE 13

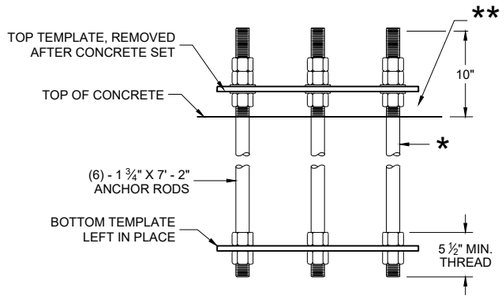
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



TOP AND BOTTOM TEMPLATE



FORMING DETAIL



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 11" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE TYPE 13

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

November 2025
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINEER

FHWA

6

SDD 09C12-10b

SDD 09C12-10b

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR RODS STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FORM ALL EXPOSED CONCRETE CORNERS WITH 1" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 ½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

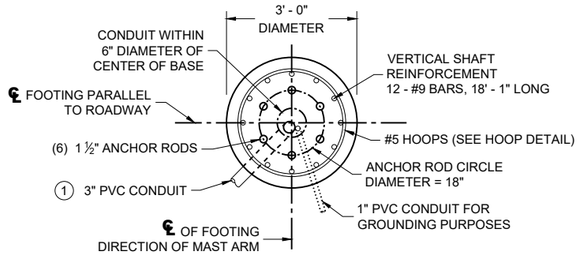
A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

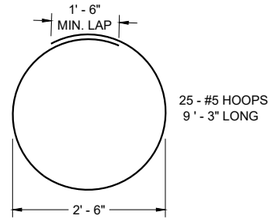
THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

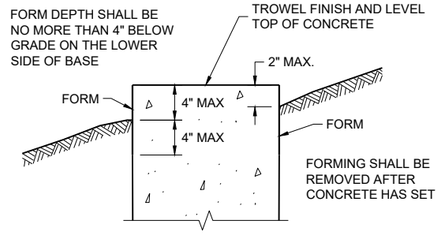
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55.....fy = 55,000 p.s.i.
(IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION)
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



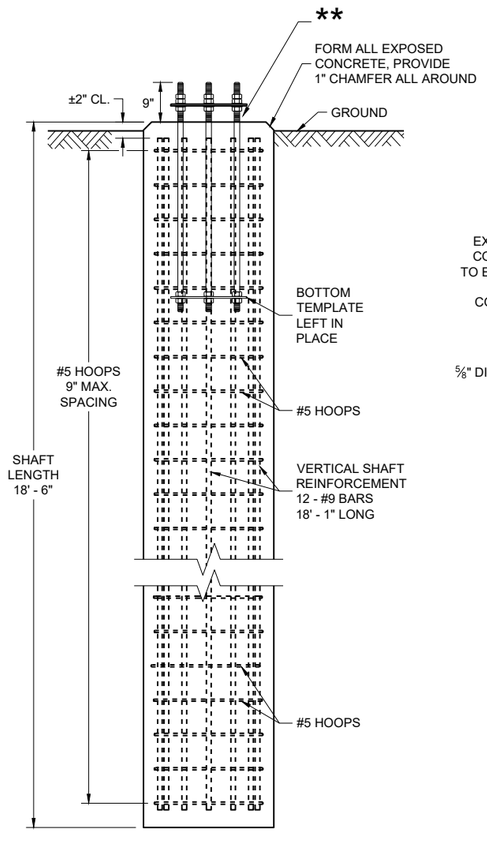
PLAN VIEW



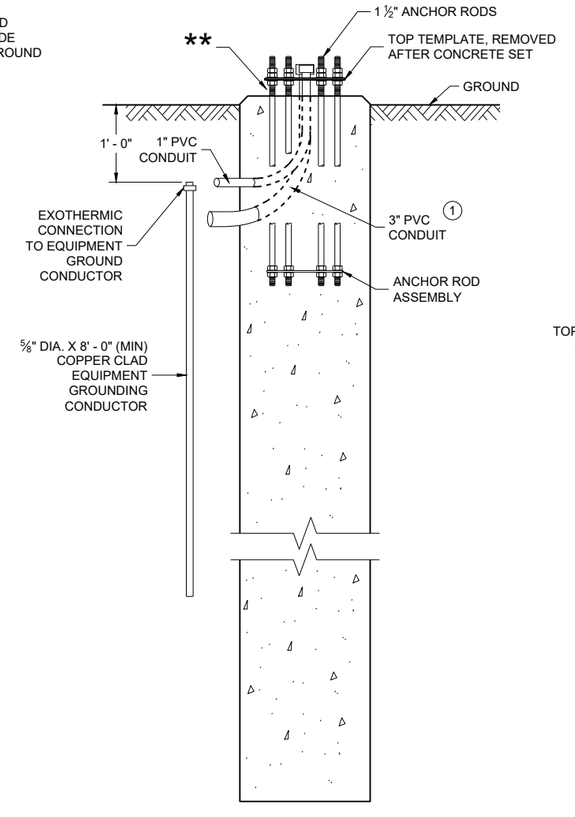
HOOP DETAIL



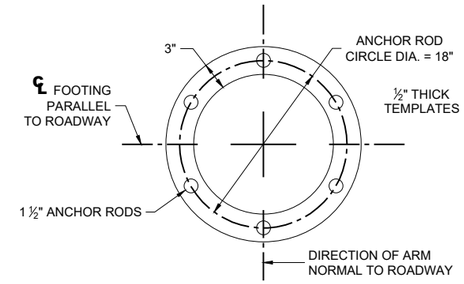
FORMING DETAIL



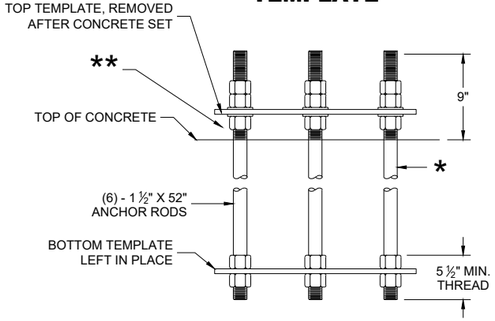
ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



SIDE VIEW
(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

** RODENT PROTECTION REQUIRED

CONCRETE BASE, TYPE 10 SPECIAL
(FOR TYPE 9 SPECIAL AND TYPE 10 SPECIAL POLES AND OVER HEIGHT (OH) POLES)

CONCRETE = 4.8 CUBIC YARD
H.S. REINFORCEMENT = 979 LBS.

FOR USE WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.

CONCRETE BASE TYPE 10 SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

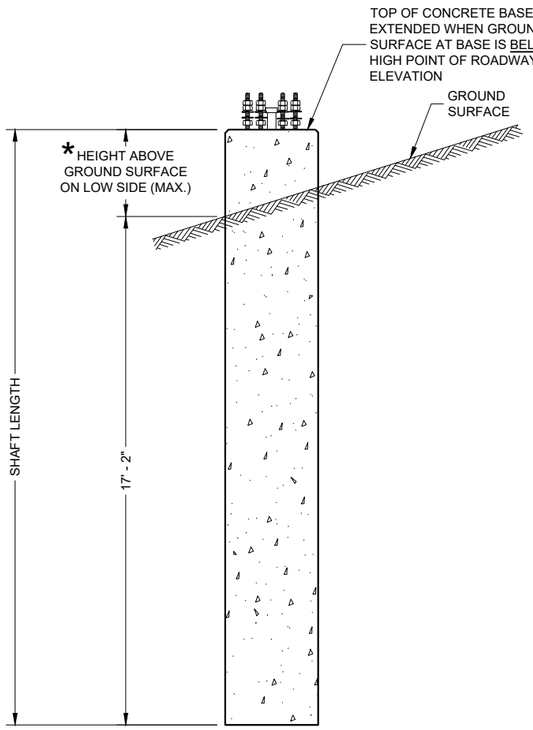
APPROVED
November 2025 — DATE
/S/ Alex Crabtree — WIND LOADED STRUCTURES PROGRAM LEADER

FHWA

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SDD 09C15-03

REINFORCEMENT AND CONCRETE QUANTITIES
ADJUSTED FOR EXTENDED TYPE 10 SPECIAL CONCRETE BASE

HEIGHT INCREASE REQUIRED	*HEIGHT ABOVE GROUND SURFACE ON LOW SIDE (MAX.)	SHAFT LENGTH	LENGTH OF #8 VERTICAL REINF.	NO. OF #5 HOOPS	CU. YD. OF CONCRETE	LBS. OF HOOP BAR STEEL	LBS. OF VERTICAL STEEL
>0" TO 6"	10"	18' - 0"	17' - 7"	25	4.7	241	563
>6" TO 1' - 0"	1' - 4"	18' - 6"	18' - 1"	25	4.8	241	579
>1' - 0" TO 1' - 6"	1' - 10"	19' - 0"	18' - 7"	26	5.0	251	595
>1' - 6" TO 2 - 0"	2' - 4"	19' - 6"	19' - 1"	27	5.1	260	611



CONCRETE BASE TYPE 10 SPECIAL (EXTENDED)

CONCRETE BASE TYPE 10 SPECIAL EXTENSION

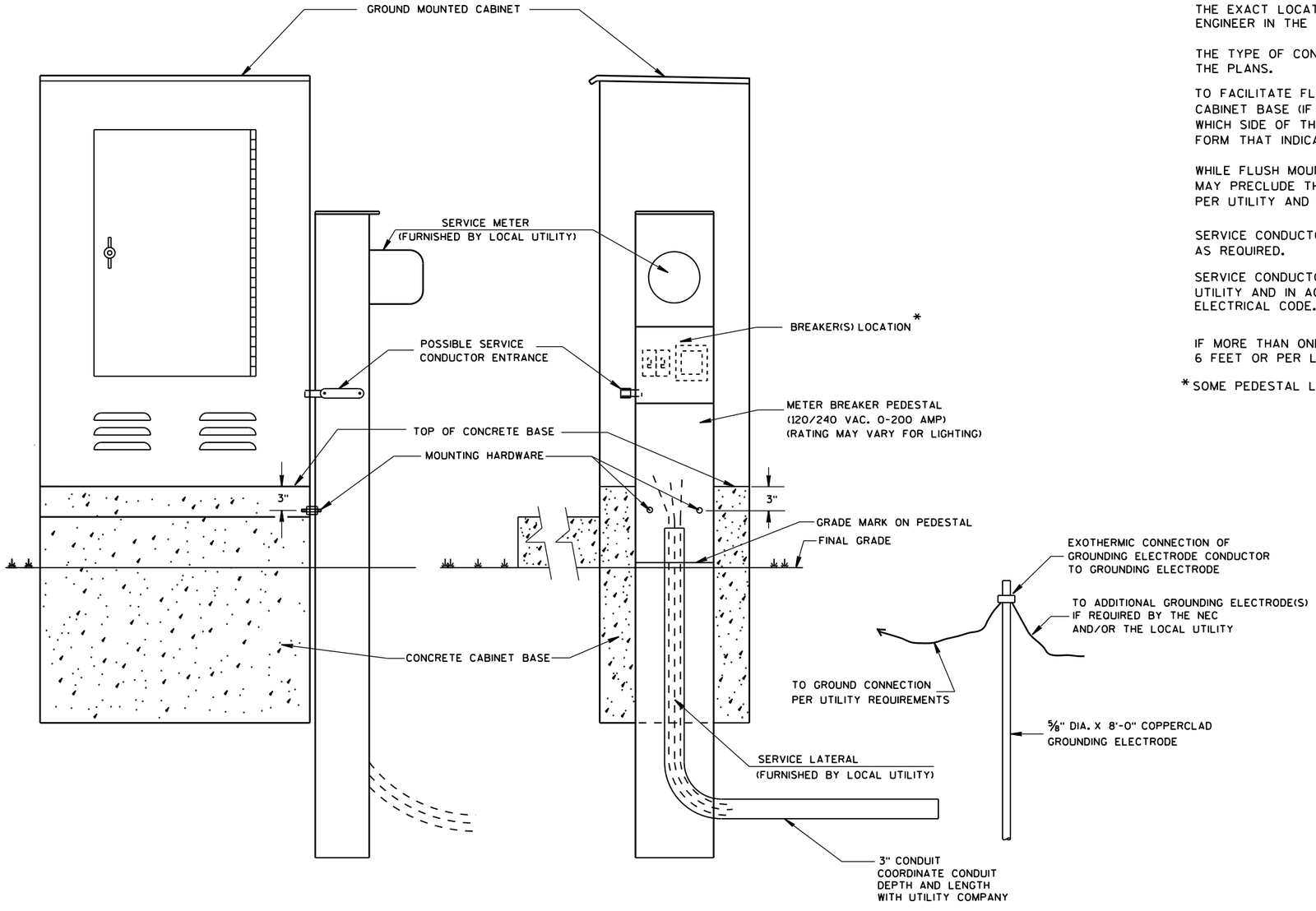
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 620

FHWA

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SDD 09C16-01



TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.

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S.D.D. 9 D 1-5

6

S.D.D. 9 D 1-5

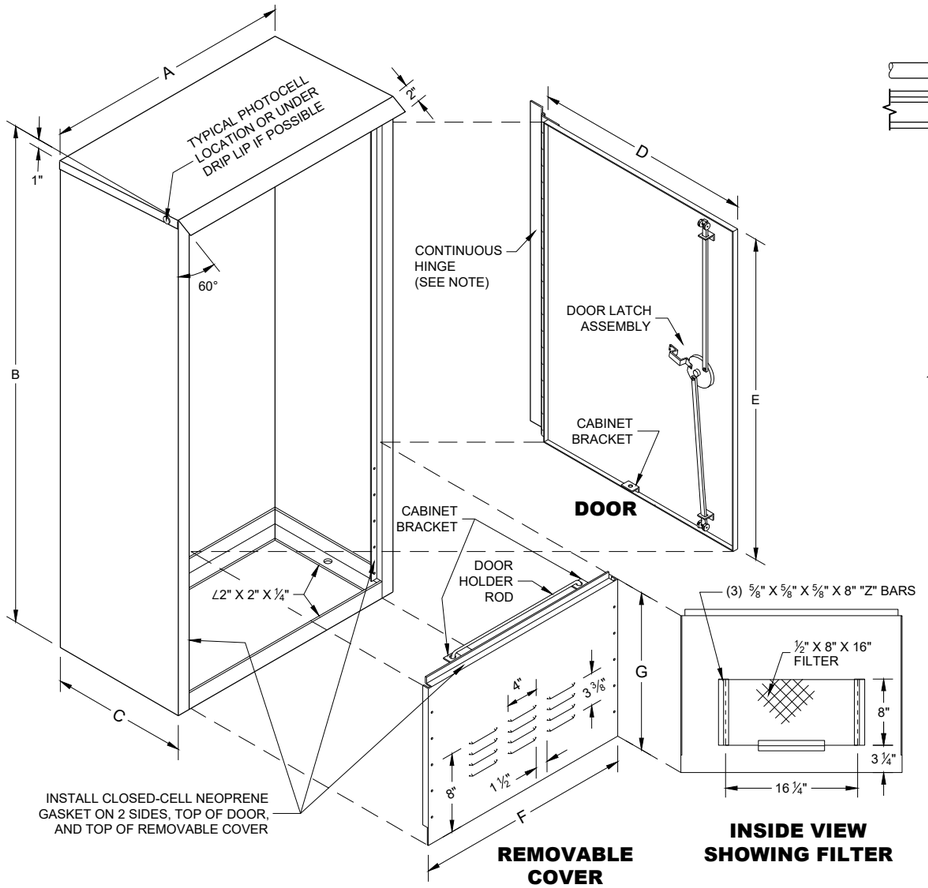
CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL

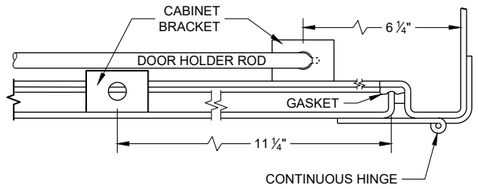
FHWA



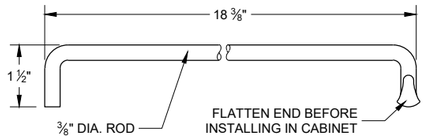
DOOR

REMOVABLE COVER

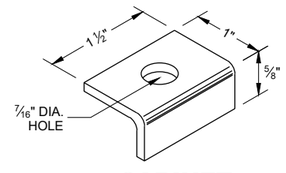
INSIDE VIEW SHOWING FILTER



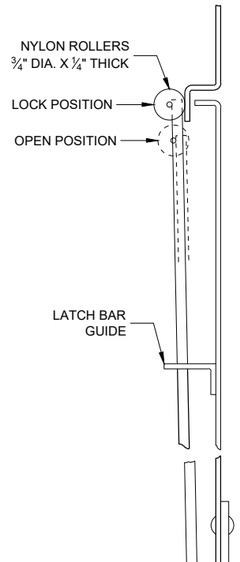
HINGE AND DOOR HOLDER

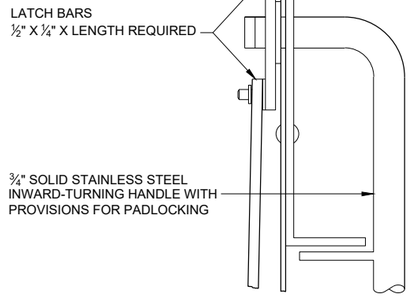


HOLDER ROD

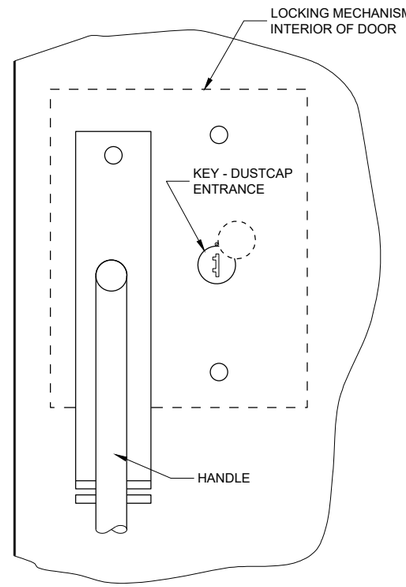


CABINET BRACKET





SIDE VIEW



FRONT VIEW

LATCH ASSEMBLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PRIME WITH PHOSPHATE TREATMENT AND PRIMER.

FINISH EXTERIOR SURFACES WITH RUSTOLEUM #906 SILVER GRAY OR APPROVED EQUAL.

FINISH INTERIOR WITH RUSTOLEUM #2766 HIGH GLOSS WHITE ENAMEL OR APPROVED EQUAL.

ALL SHEET METAL PARTS SHALL BE .125 INCH THICK ALUMINUM.

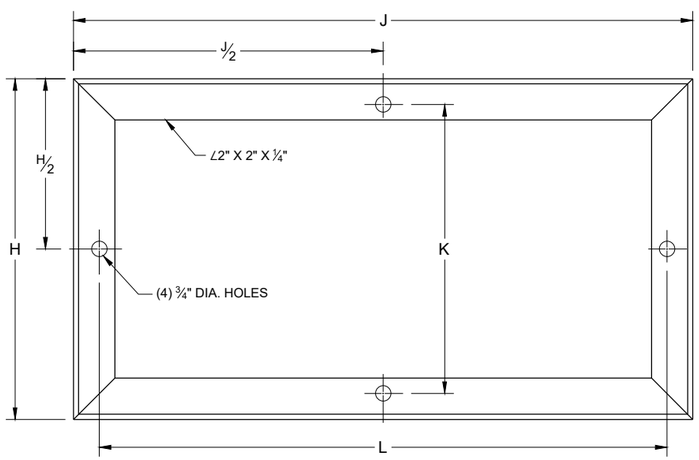
ALL SEAMS SHALL BE CONTINUOUSLY WELDED.

ALUMINUM SHALL BE TYPE 5052-H32.

CONTINUOUS HINGE SHALL BE HEAVY GAUGE ALUMINUM WITH ¼" DIAMETER STAINLESS STEEL HINGE PIN. HINGE IS SECURED WITH ¼" X 20 TPI STAINLESS STEEL CARRIAGE BOLTS AND STAINLESS STEEL NYLOCK NUTS.

A SINGLE PHOTOCELL SHALL BE LOCATED ON THE NORTH - NORTHEAST SIDE OF THE CABINET UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISIONS. THE PHOTOCELL SHALL BE PLACED AS SHOWN AND SHALL BE LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST.

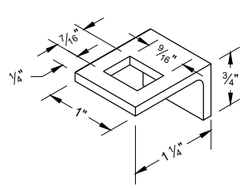
DOOR LATCH ASSEMBLY TO BE PROVIDED WITH THREE-POINT LOCKING MECHANISM.



MOUNTING BASE

TABLE OF DIMENSIONS (INCHES)

MARK	CABINET TYPE		
	3060	3860	3866
A	30	38	38
B	60	60	66
C	16 ½	16 ½	24
D	26 ½	34 ¾	33 ¾
E	38 ¾	38 ¾	38 ¾
F	26 ½	34 ¾	33 ¾
G	19	19	25
H	16 ½	16 ½	24
H/2	8 ¼	8 ¼	12
J	30	38	38
J/2	15	19	19
K	13 ¾	13 ¾	21 ¼
L	27 ½	35 ½	35 ½



LATCH BAR GUIDE

SIGNAL CONTROL CABINET

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

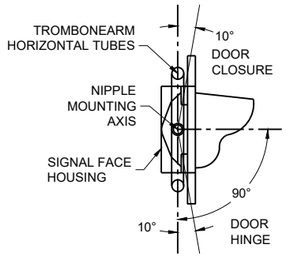
APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 622

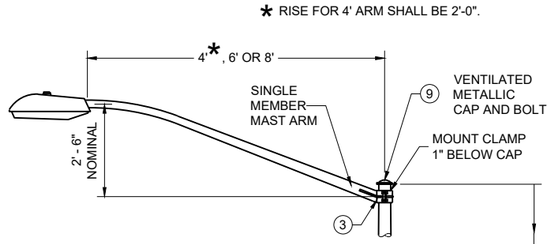
FHWA

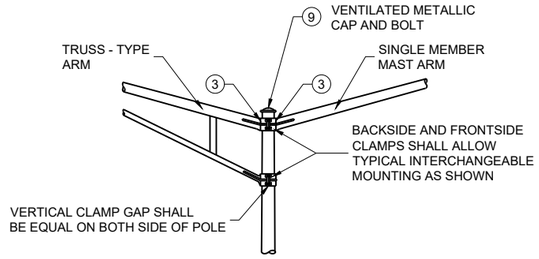
SDD 09D02 - 03

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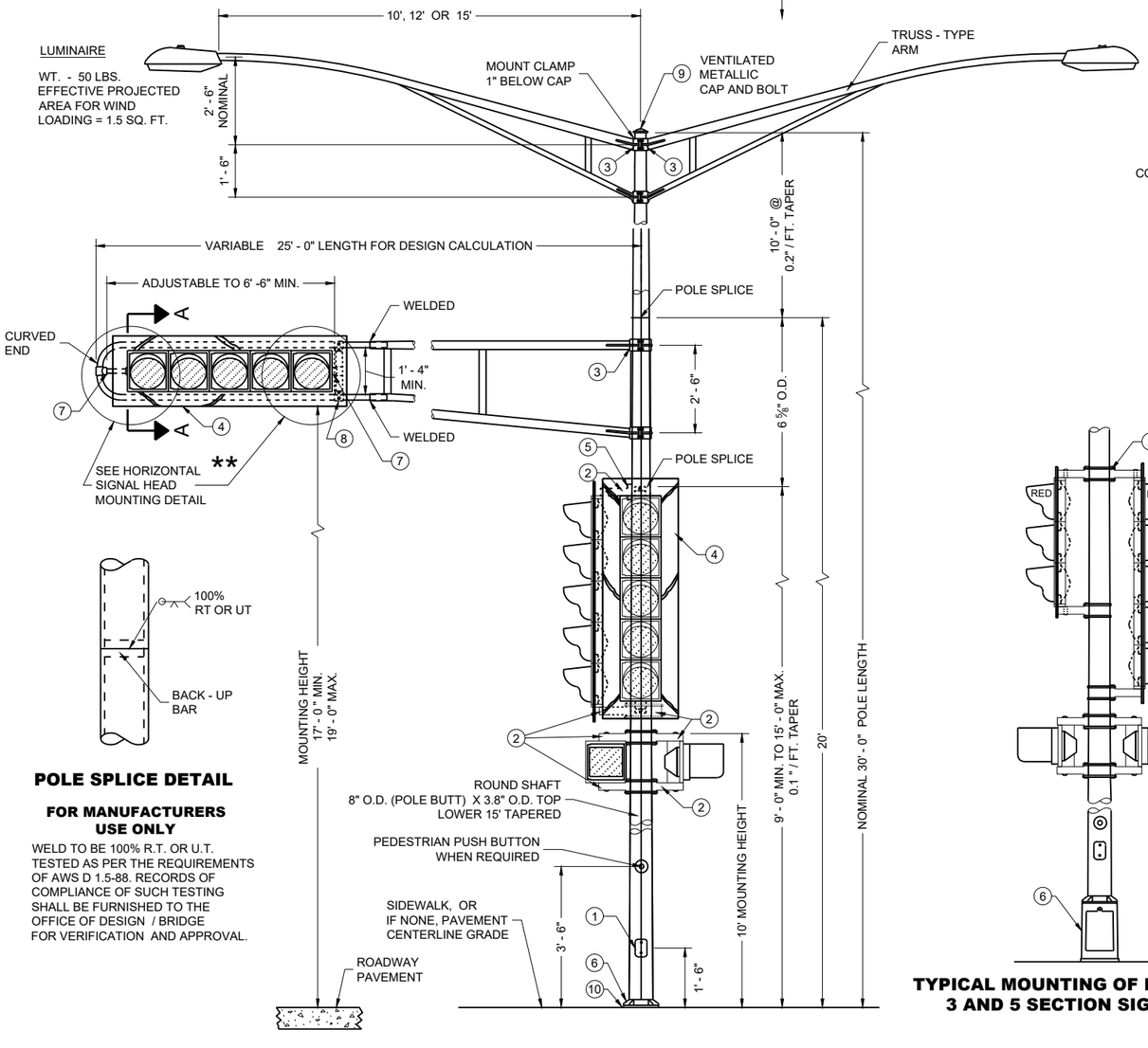


SECTION A-A





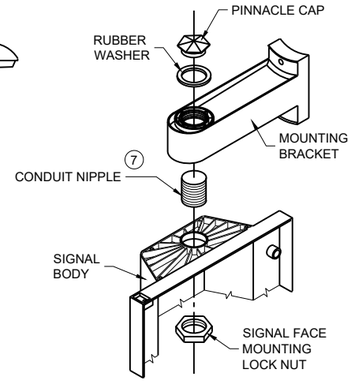
INTERCHANGEABLE MOUNTING DETAIL



POLE SPLICE DETAIL

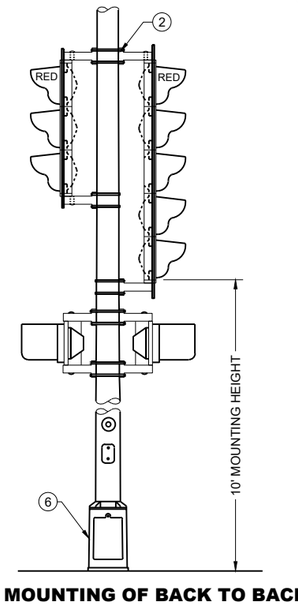
FOR MANUFACTURERS USE ONLY

WELD TO BE 100% R.T. OR U.T. TESTED AS PER THE REQUIREMENTS OF AWS D 1.5-88. RECORDS OF COMPLIANCE OF SUCH TESTING SHALL BE FURNISHED TO THE OFFICE OF DESIGN / BRIDGE FOR VERIFICATION AND APPROVAL.

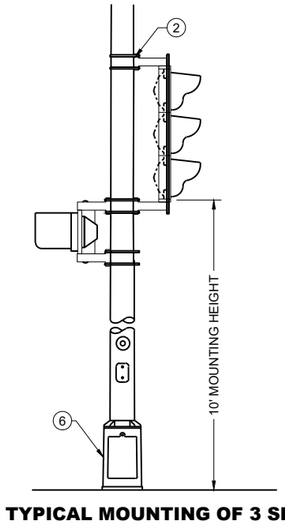


SIGNAL FACE MOUNTING DETAIL

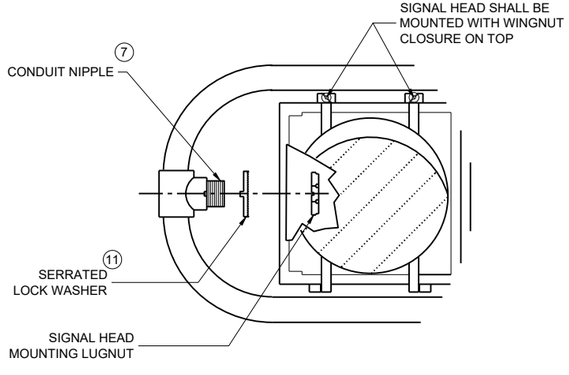
(BANDED)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE



HORIZONTAL SIGNAL HEAD MOUNTING DETAIL **

** SIGNAL HEAD ATTACHMENT ALSO APPLIES TO MOUNTING AT CROSS BAR

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 3 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE / ROPE SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜" INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼"X¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

(2) SIGNAL FACE MOUNTING BRACKETS. MOUNT WITH CAP SCREWS AND BANDING.

(3) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE ONE OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) CAST ALUMINUM TRANSFORMER BASE. UNDER MAX LOADING, TYPE 3 POLE SHALL BE MOUNTED DIRECTLY TO ITS CONCRETE BASE.

(7) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACES AND BRACKET ENDS.

(8) VERTICAL STRUT (ADJUSTABLE). ONE (1) SET SCREW (¼"X¾" - 20 TPI STAINLESS STEEL, HEX HEAD) INTO EACH ARM MEMBER IF STRUT IS THE SLIDING TYPE.

(9) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ¼"X¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT. ONE (1)

(10) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

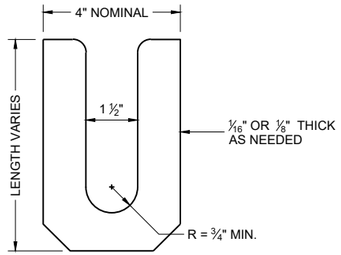
(11) USE SERRATED LOCK WASHERS WITH NOTCHES BETWEEN END TEE AND SIGNAL HEAD.

TYPE 3 POLE MOUNTING CONFIGURATION

POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS TYPE 3 (HEAVY DUTY)

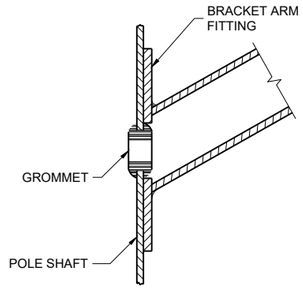
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E01-17b

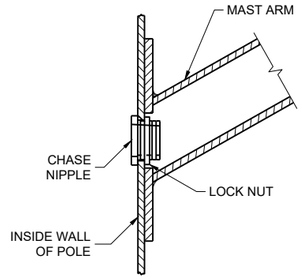


①

LEVELING SHIM
SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

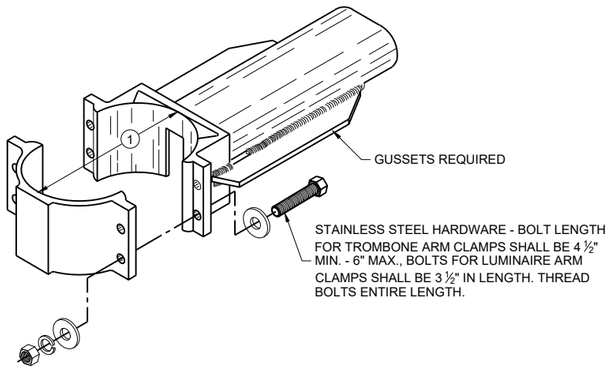
① 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

② INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

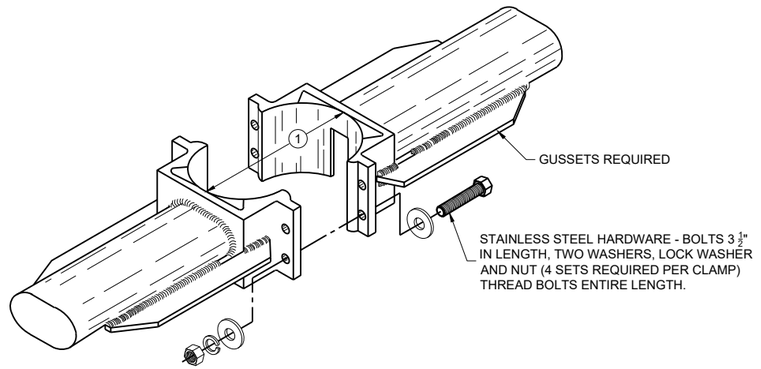
③ BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

④ LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

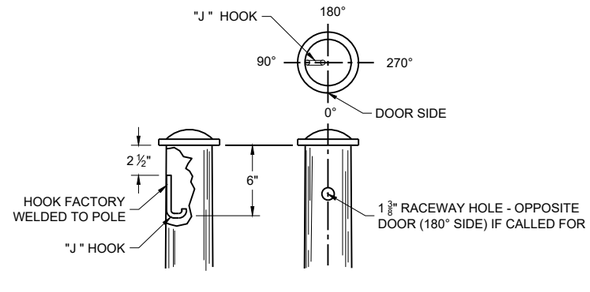
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



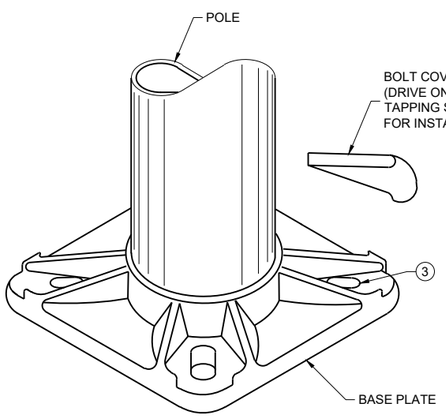
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



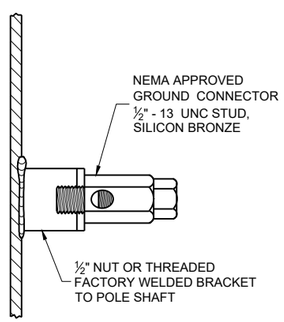
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

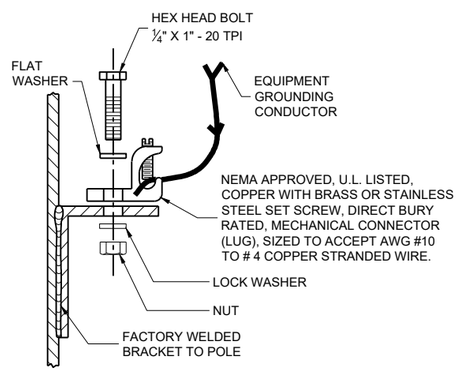


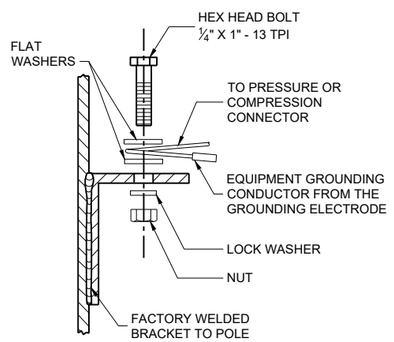
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

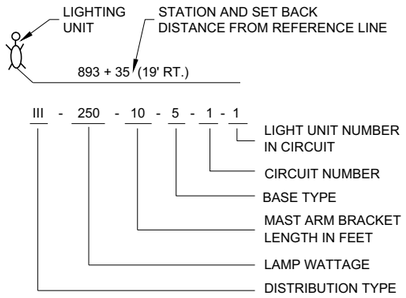
6
SDD 09E01-17g

GENERAL NOTES

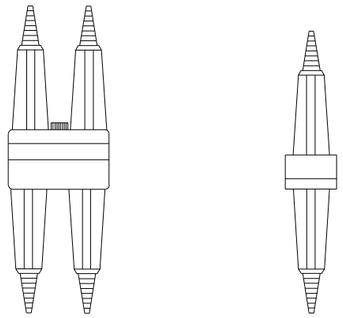
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EQUIPMENT GROUND CONNECTOR SHALL BE TAPED WITH 3 WRAPS (MINIMUM) OF APPROVED RUBBER TAPE AND 3 WRAPS (MINIMUM) OF APPROVED VINYL TAPE TO COVER SHARP WIRE ENDS AFTER THE CONNECTION IS COMPLETED.

WHEN TRANSFORMER BASES ARE USED, ALL WIRING CONNECTIONS SHALL OCCUR WITHIN THE TRANSFORMER BASES.

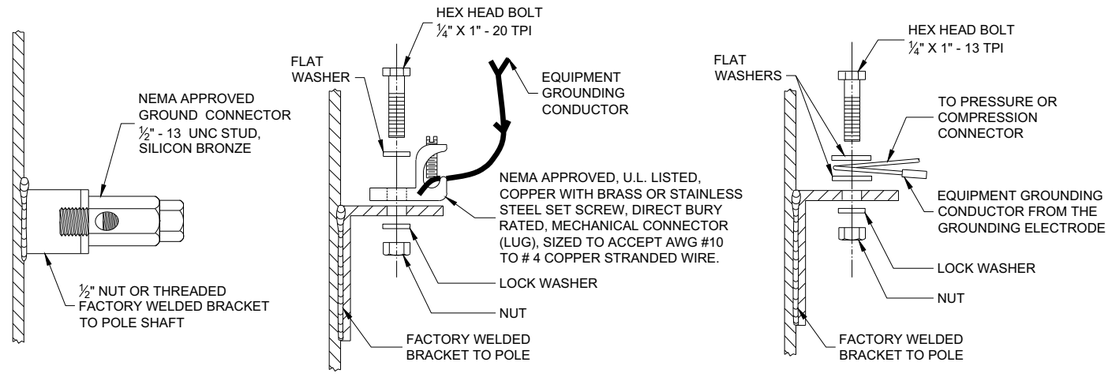


LIGHTING UNIT CODE
(TYPICAL)

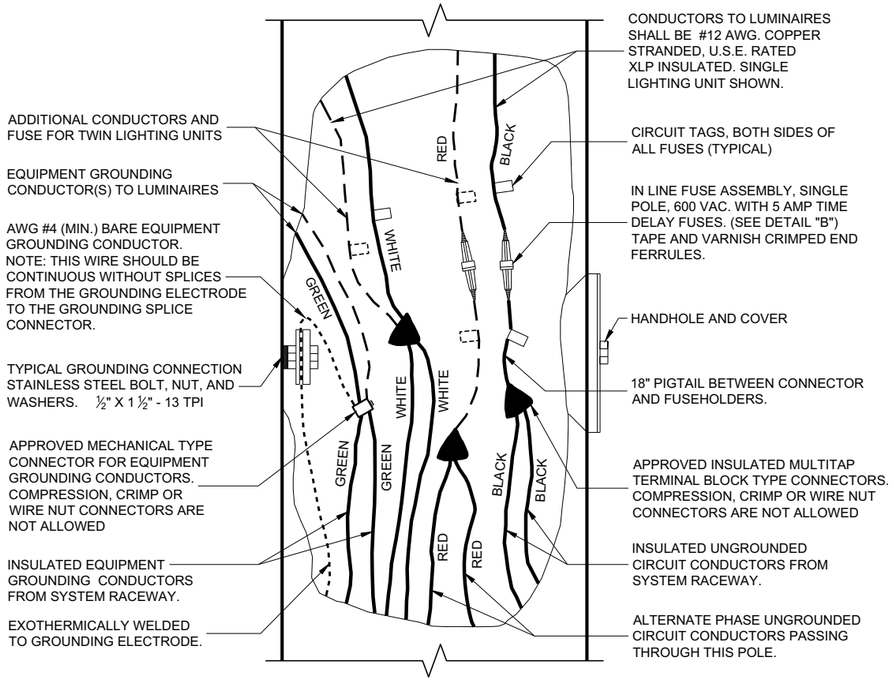


DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT

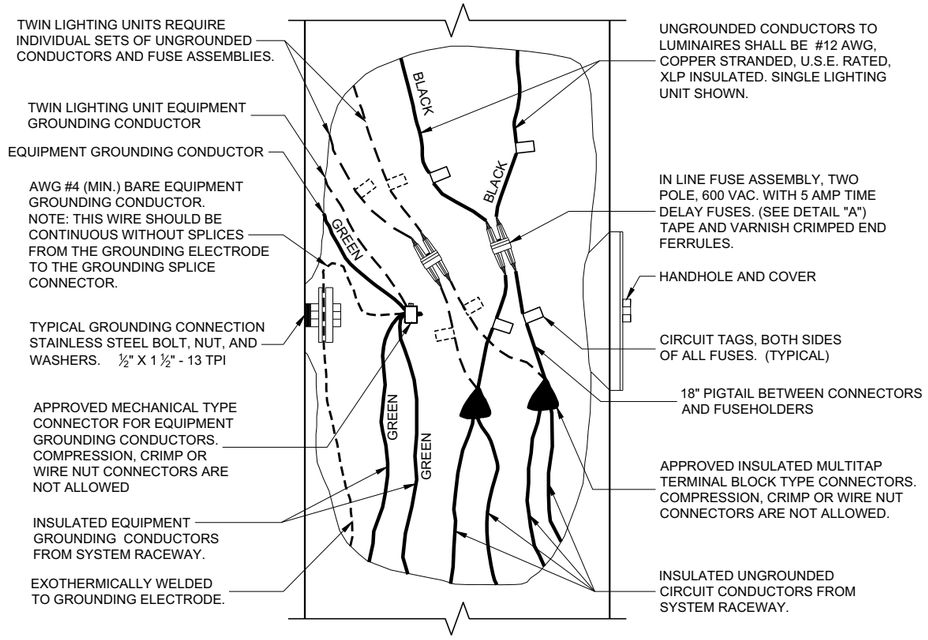
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



3 WIRE - 120, 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH GROUNDING CONDUCTOR AND EQUIPMENT GROUNDING CONDUCTOR

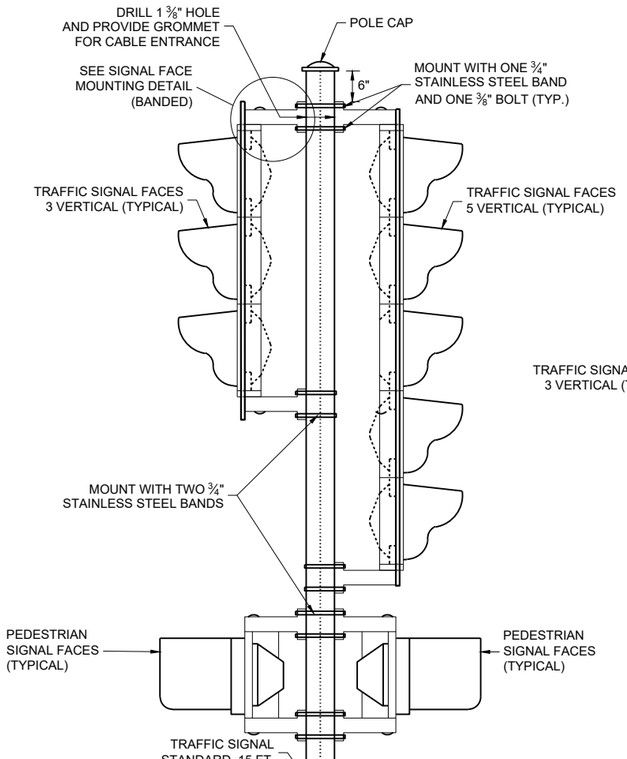


2 WIRE - 240 OR 480 VAC (UNGROUNDED CONDUCTORS) WITH EQUIPMENT GROUNDING CONDUCTOR

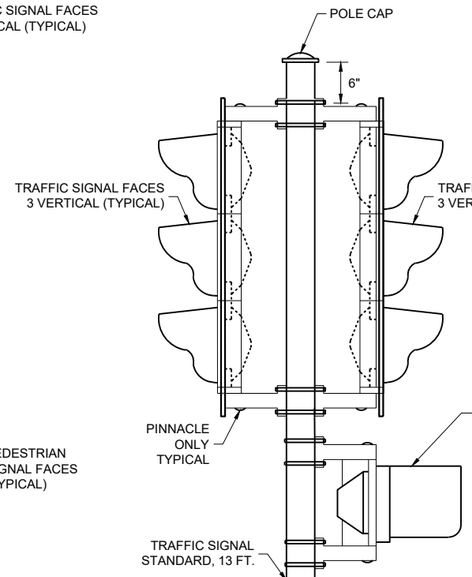
NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

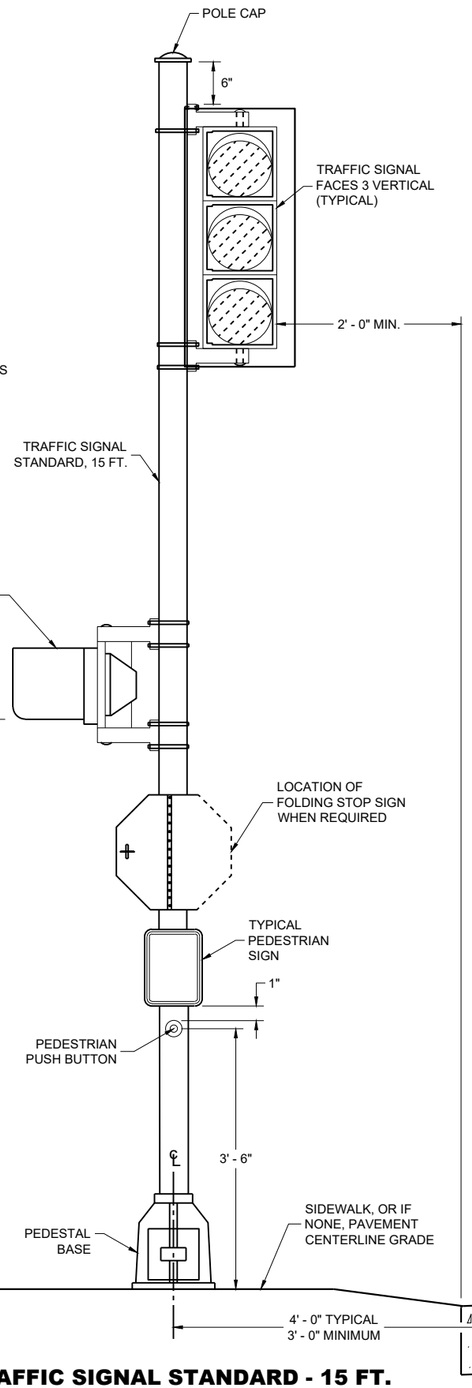
APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 625
FHWA



TRAFFIC SIGNAL
STANDARD - 15 FT.



TRAFFIC SIGNAL
STANDARD - 13 FT.



TRAFFIC SIGNAL STANDARD - 15 FT.
3M MOUNTING (TYPICAL)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIAL PROVISIONS.

POLYCARBONATE MOUNTING BRACKETS SHALL BE USED.

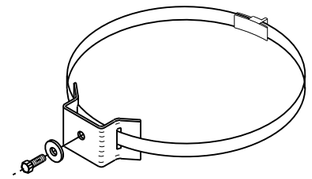
LENGTH AND LOCATION OF TRAFFIC SIGNAL STANDARDS SHALL BE AS SHOWN ON THE PLANS.

OPTICALLY PROGRAMMED SIGNAL FACES SHALL BE MASKED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AND UNDER THE DIRECTIONS OF THE REGION TRAFFIC ENGINEER.

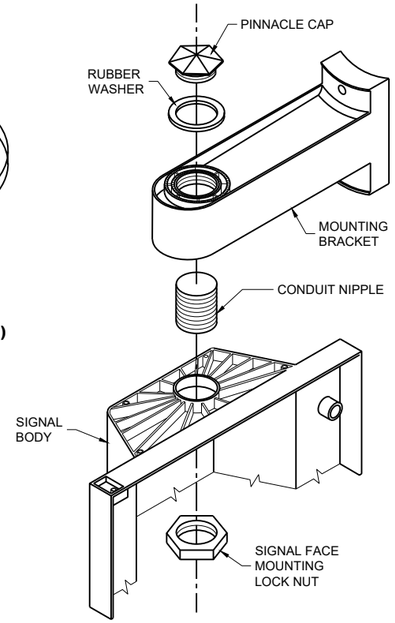
FOLDING STOP SIGNS SHALL BE IN ACCORDANCE WITH THE MUTCD AND/OR THE LATEST WISCONSIN SUPPLEMENT. THE SIGNS SHALL BE SIZED AND LOCATED AS CALLED FOR IN IN THE PLANS.

PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) 1/4" X 3/4" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.



TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)



SIGNAL FACE MOUNTING DETAIL (BANDED)

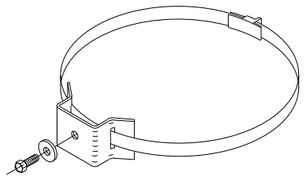
TRAFFIC SIGNAL STANDARD
POLY BRACKET MOUNTINGS
(TYPICAL) 13 FT. OR 15 FT.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

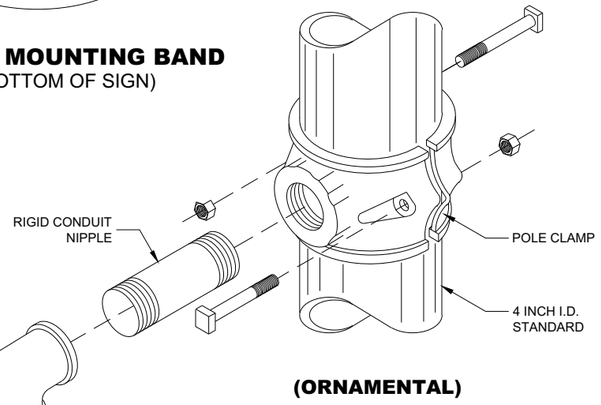
APPROVED
February 2026 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

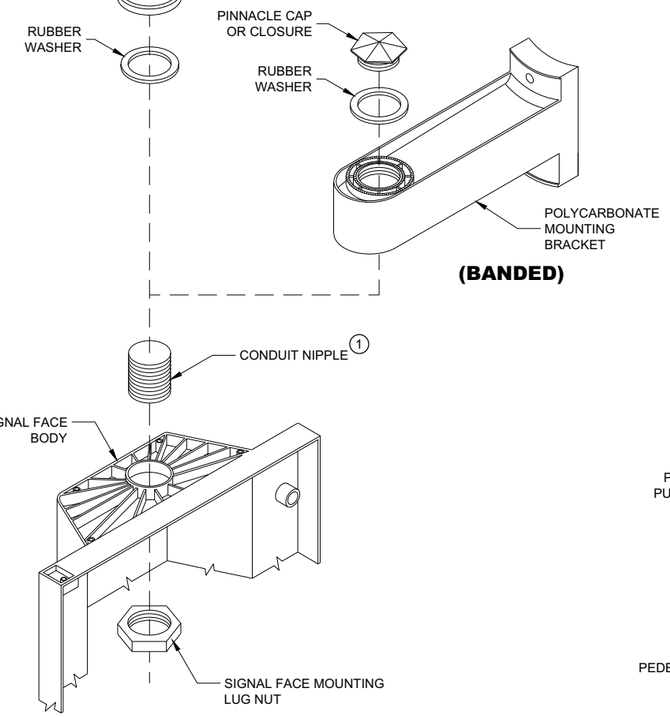
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SDD 09E06-06
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TYPICAL SIGN MOUNTING BAND
(TOP AND BOTTOM OF SIGN)

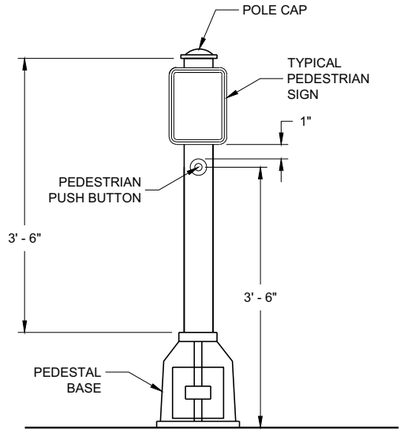


(ORNAMENTAL)



(BANDED)

SIGNAL FACE MOUNTING DETAILS



PEDESTRIAN PUSH BUTTON
TYPICAL MOUNTING

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SEE THE SIGNAL PLAN FOR REQUIRED SIGNAL FACE SIZES.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS, UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

ALL PEDESTAL BASES SHALL BE MOUNTED ON CONCRETE BASE - TYPE 1.

FOR APPROVED MOUNTING HARDWARE, SEE THE CONTRACT SPECIFICATIONS.

POLYCARBONATE SIGNAL FACE MOUNTING BRACKETS SHALL BE USED UNLESS ORNAMENTAL POLE CLAMPS ARE SPECIFIED.

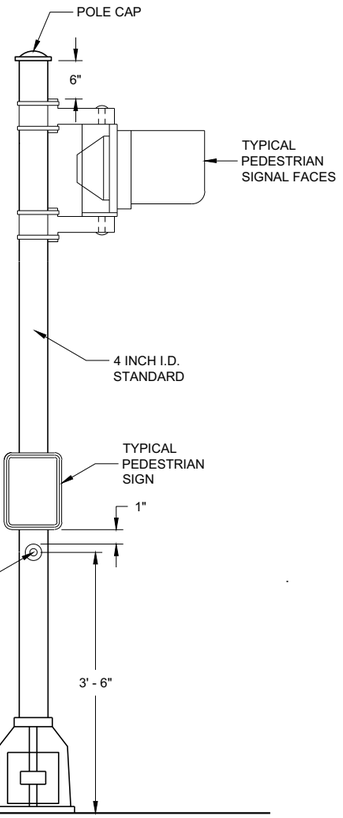
LENGTH OF TRAFFIC STANDARDS SHALL BE AS SHOWN ON THE PLANS.

MOUNTINGS AND BRACKETS SHALL BE AS SHOWN ON THE PLANS OR DESCRIBED IN THE SPECIAL PROVISIONS (BY THE REGION TRAFFIC ENGINEER).

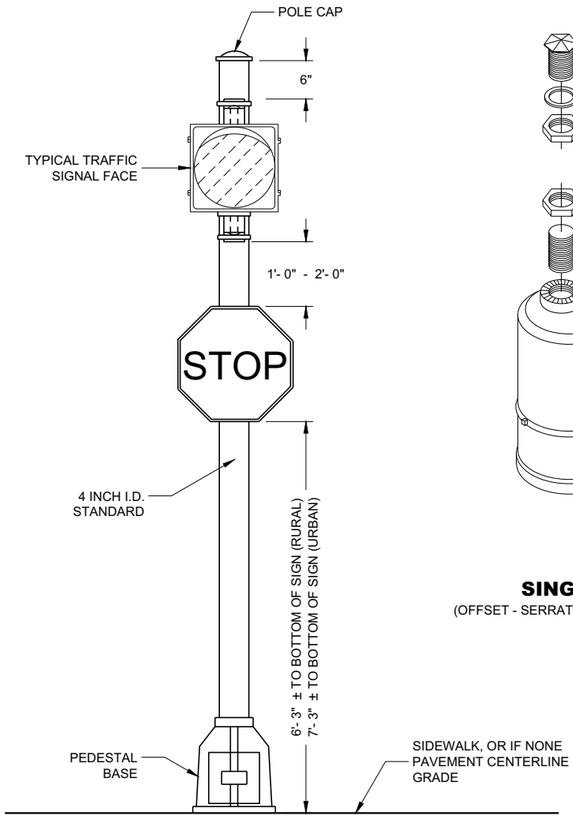
PEDESTRIAN SIGNS SHALL BE AS DESIGNATED IN THE PLANS.

FURNISH AND INSTALL VENTILATED, CAST, METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

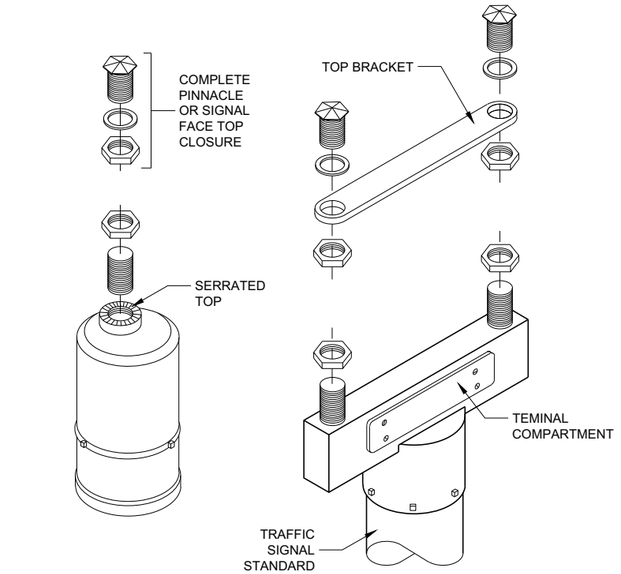
(1) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACESAND BRACKET ENDS.



PEDESTRIAN FACE STANDARD - 10 FT.
(WALK - DON'T WALK)



STANDARD FLASHER
10 FOOT, 13 FOOT OR 15 FOOT AS REQUIRED



SINGLE
(OFFSET - SERRATED MOUNTING)

DOUBLE
(SERRATED MOUNTING)

SLIPFITTERS

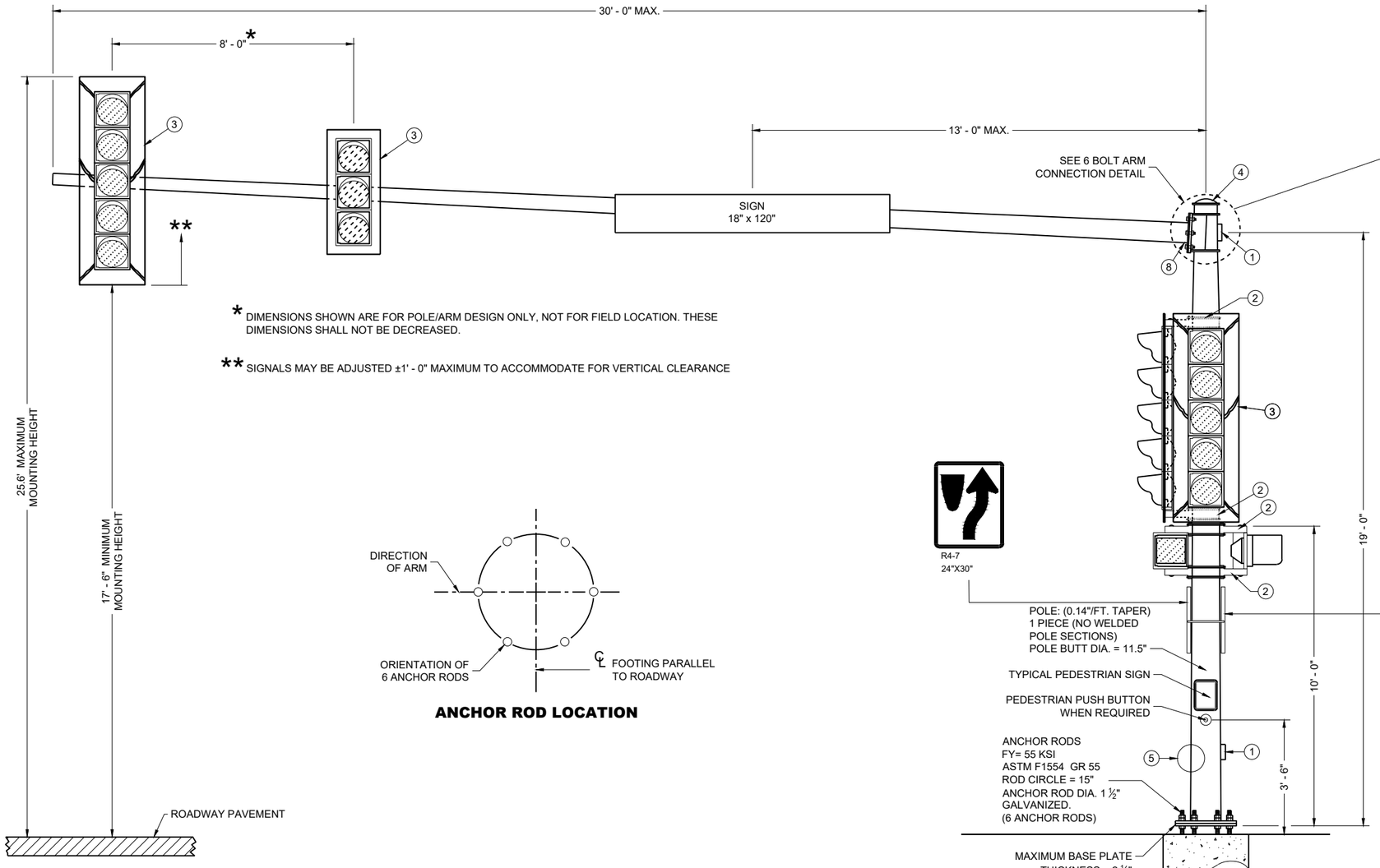
TRAFFIC SIGNAL STANDARD
PEDESTRIAN AND FLASHER
TYPICAL MOUNTING DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 627
FHWA

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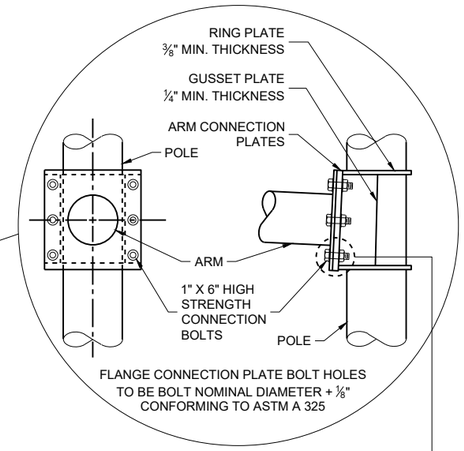
SDD 09E07 - 06



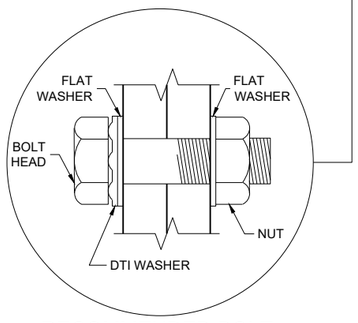
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

ANCHOR ROD LOCATION



6 BOLT ARM
CONNECTION DETAIL



RECOMMENDED BOLT
ASSEMBLY DETAIL

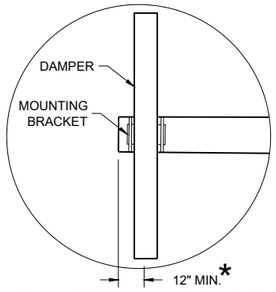
TYPE 9 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

6

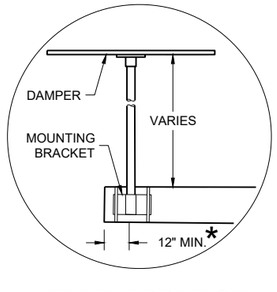
SDD 09E08-11a

TYPE 9 POLE
15' - 30' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

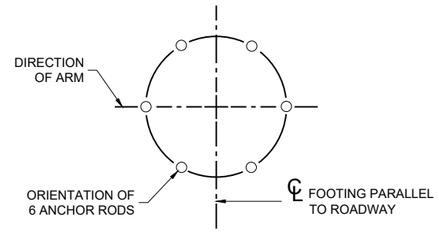


DUMBBELL VIBRATION DAMPER

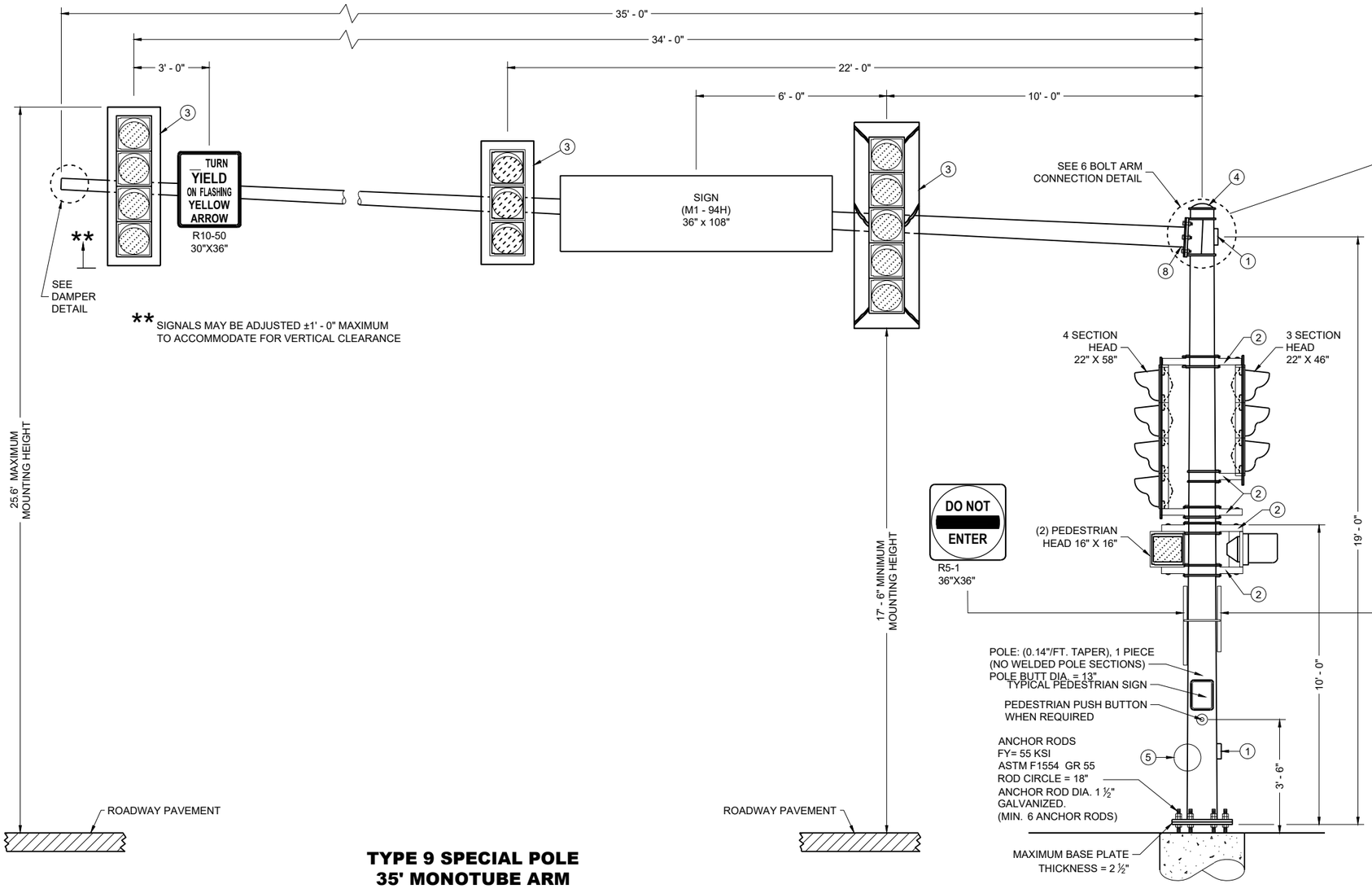


FLAT VIBRATION DAMPER

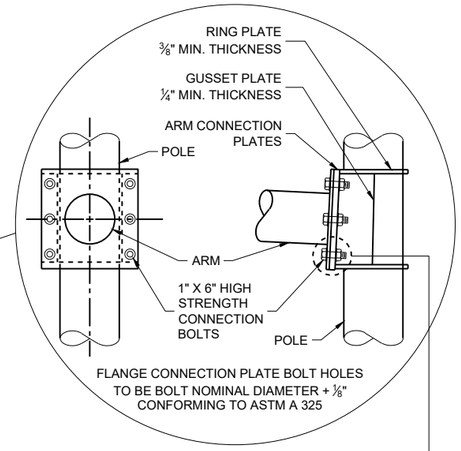
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



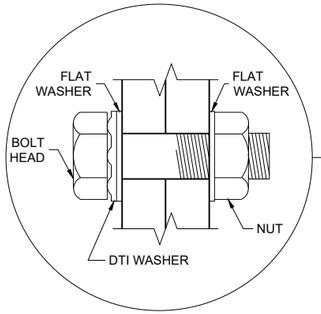
ANCHOR ROD LOCATION



** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE



6 BOLT ARM CONNECTION DETAIL



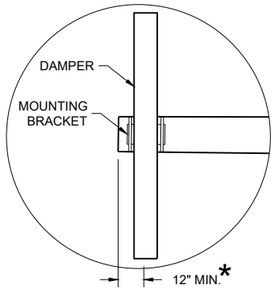
RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 9 SPECIAL POLE
35' MONOTUBE ARM
(MAXIMUM LOAD)

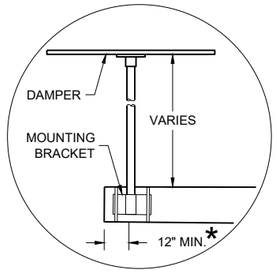
TYPE 9 SPECIAL POLE
35' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-11b

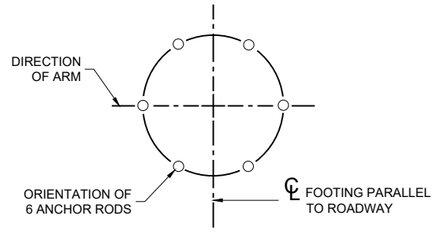


DUMBBELL VIBRATION DAMPER

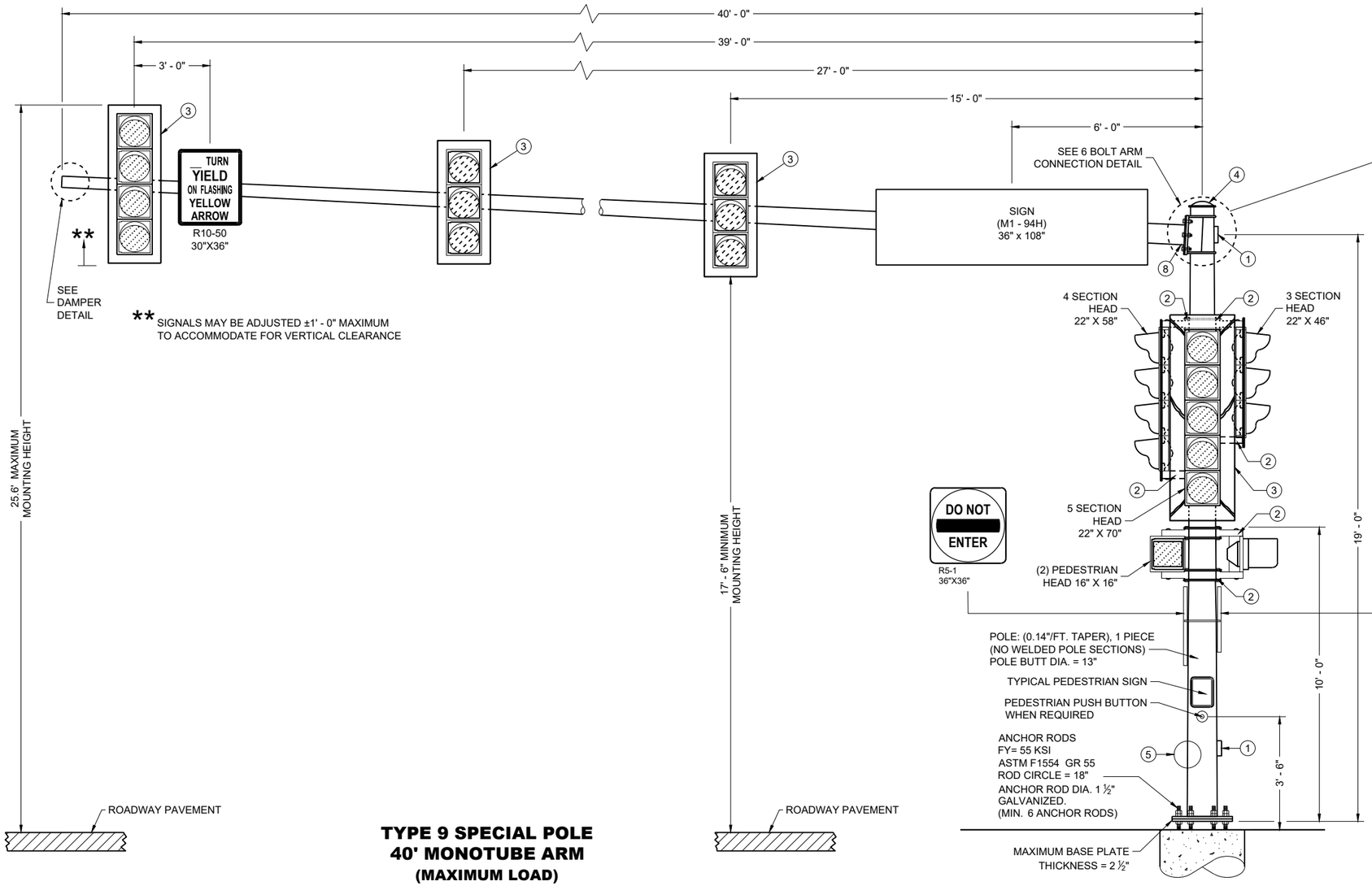


FLAT VIBRATION DAMPER

* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.

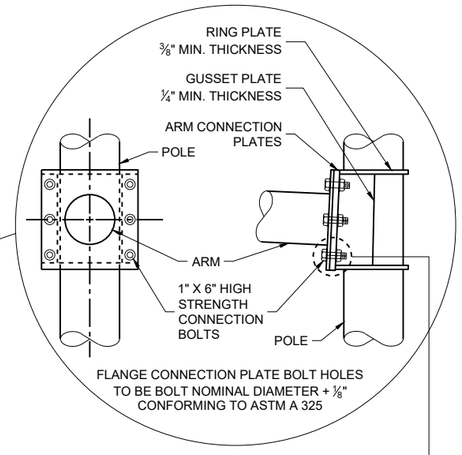


ANCHOR ROD LOCATION

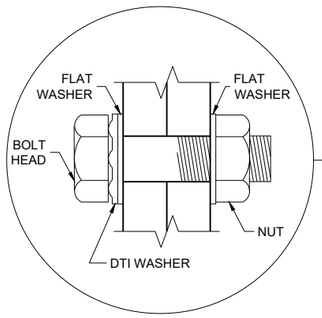


** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

TYPE 9 SPECIAL POLE
40' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

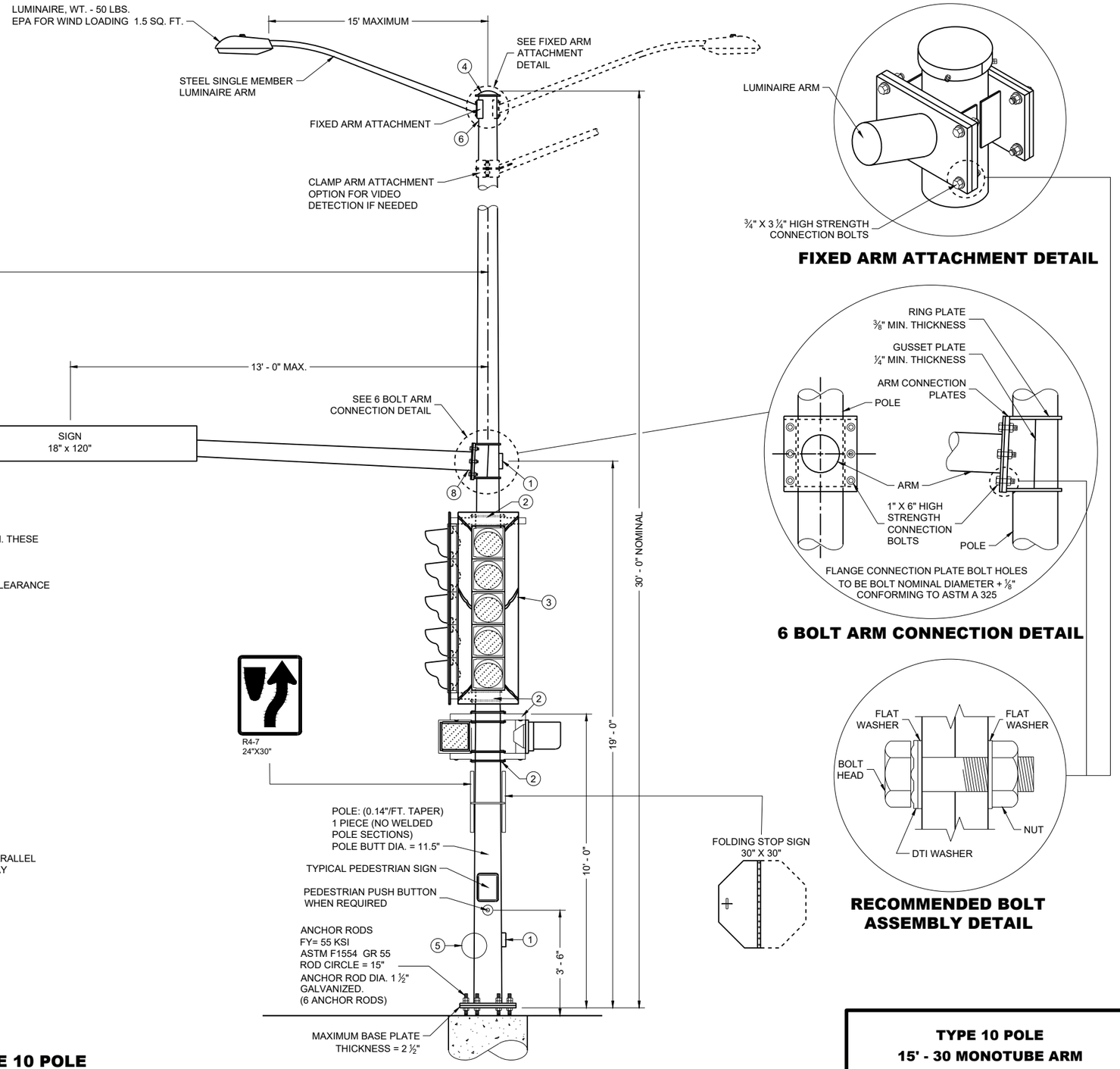
TYPE 9 SPECIAL POLE
40' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

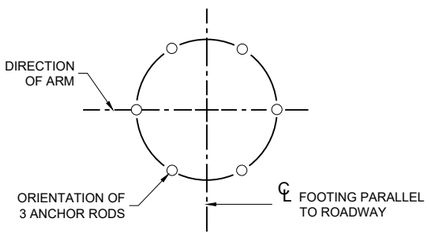
SDD 09E08-11c

SDD 09E08-11c



* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE



ANCHOR ROD LOCATION

FIXED ARM ATTACHMENT DETAIL

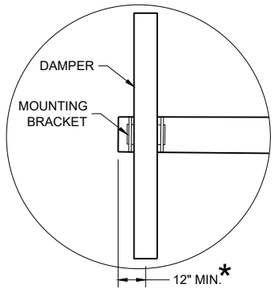
6 BOLT ARM CONNECTION DETAIL

RECOMMENDED BOLT ASSEMBLY DETAIL

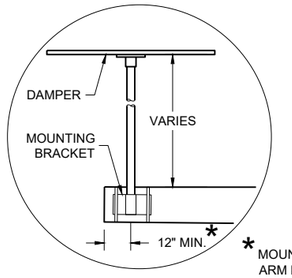
TYPE 10 POLE
15' - 30' MONOTUBE ARM
(MAXIMUM LOAD)

TYPE 10 POLE
15' - 30 MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

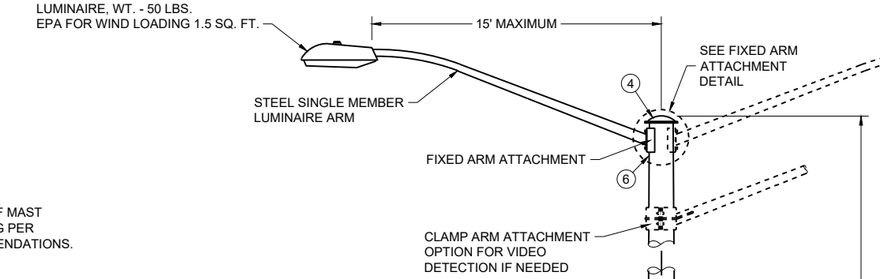


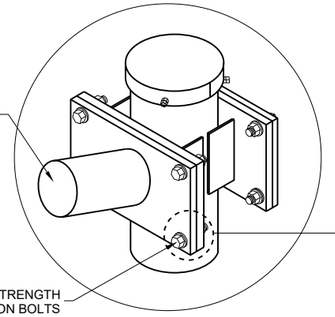
DUMBBELL VIBRATION DAMPER



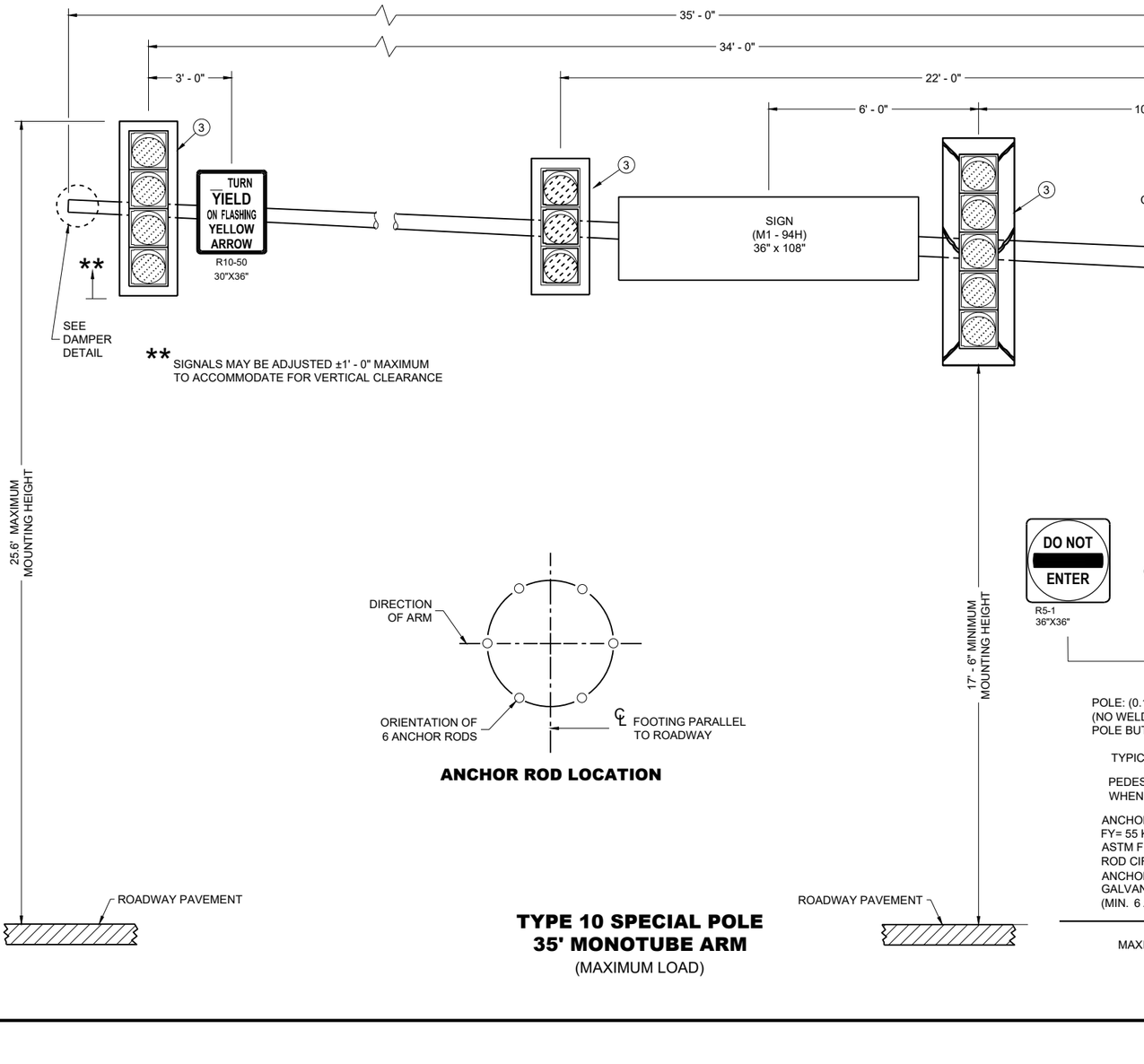
FLAT VIBRATION DAMPER

* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



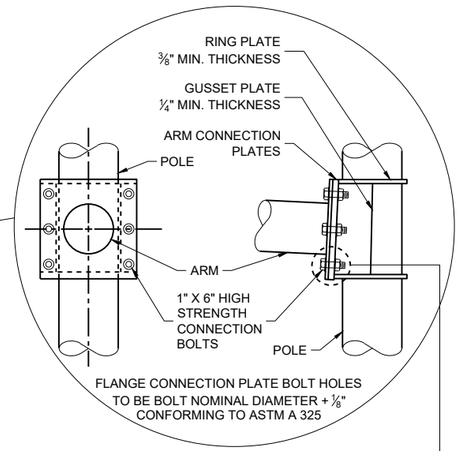


FIXED ARM ATTACHMENT DETAIL

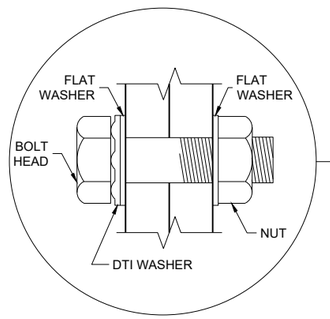


ANCHOR ROD LOCATION

TYPE 10 SPECIAL POLE
35' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL

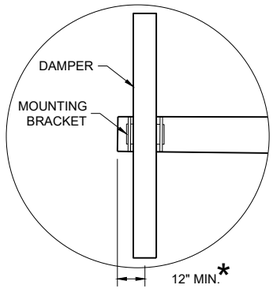


RECOMMENDED BOLT ASSEMBLY DETAIL

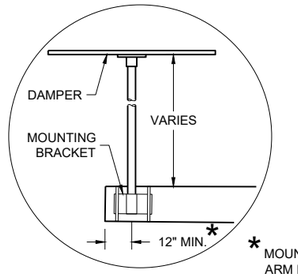
TYPE 10 SPECIAL POLE
35' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-11f

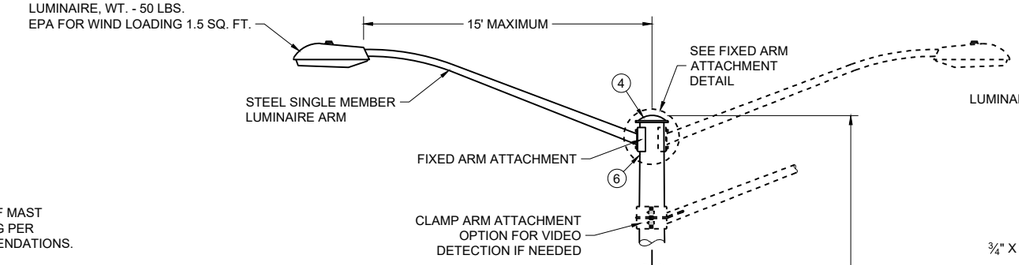


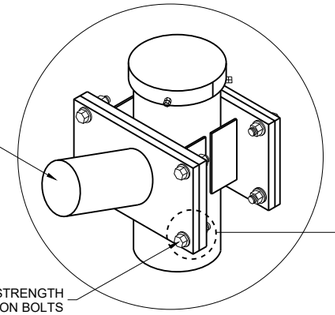
DUMBBELL VIBRATION DAMPER



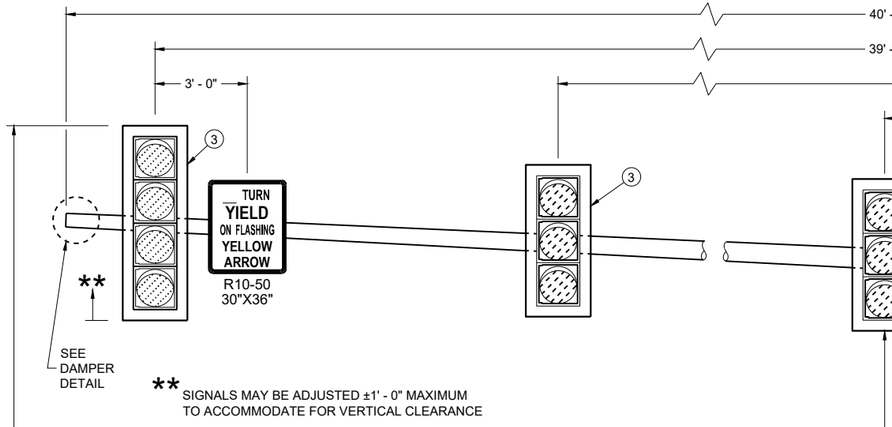
FLAT VIBRATION DAMPER

* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.

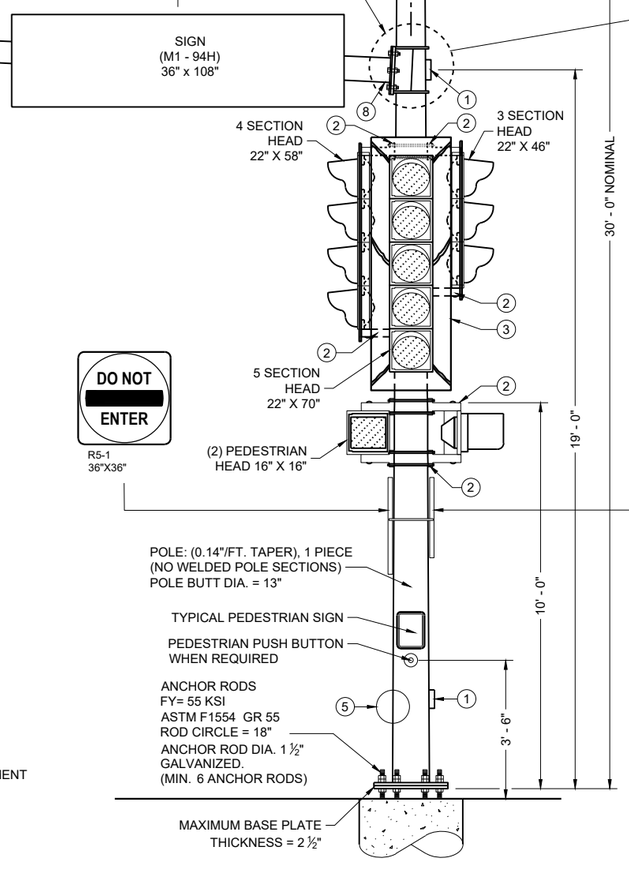


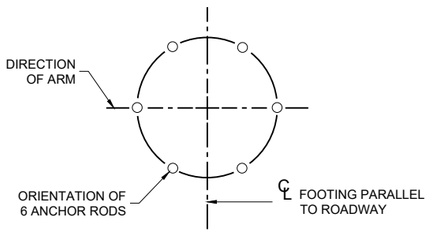


FIXED ARM ATTACHMENT DETAIL



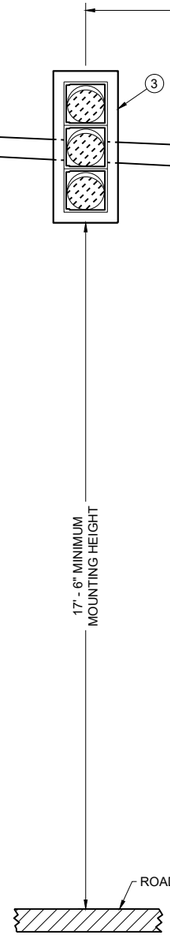
** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE



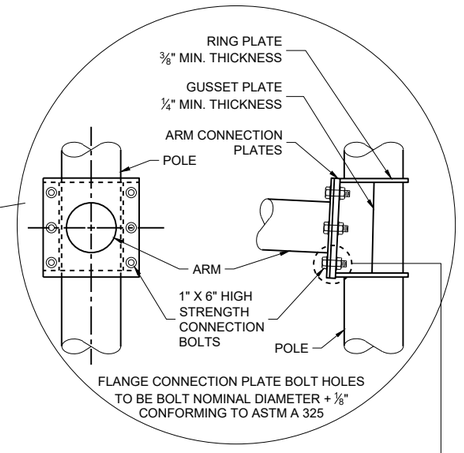


ANCHOR ROD LOCATION

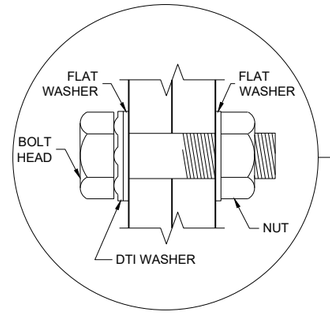




TYPE 10 SPECIAL POLE
40' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL



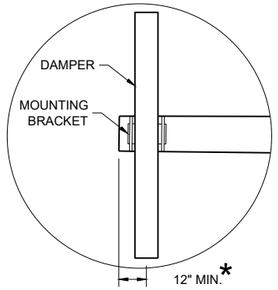
RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 10 SPECIAL POLE
40' MONOTUBE ARM

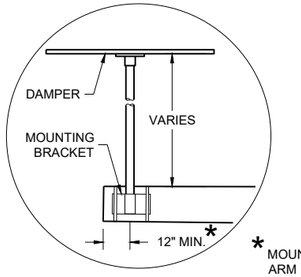
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 09E08-11g

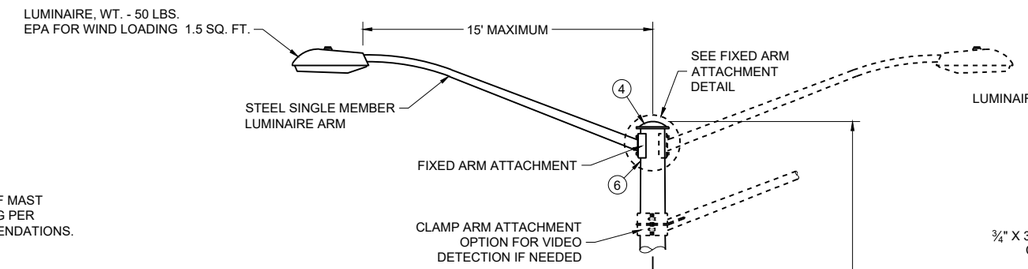


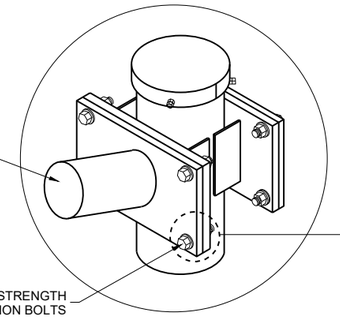
DUMBBELL VIBRATION DAMPER



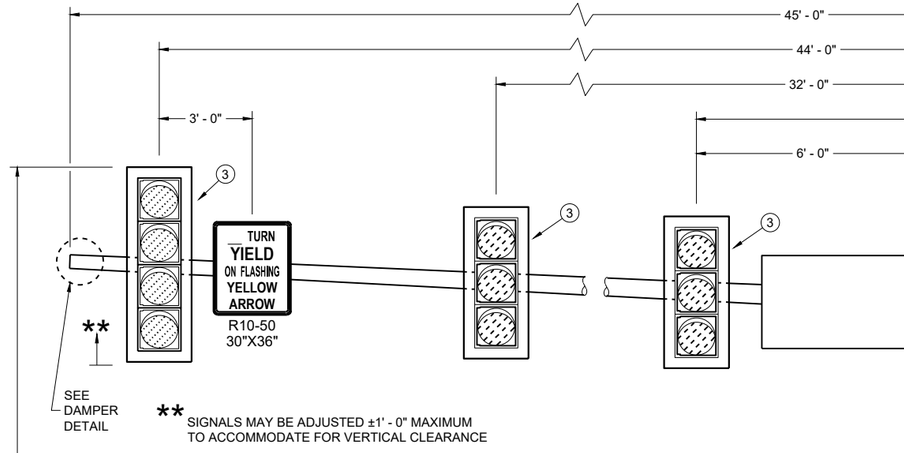
FLAT VIBRATION DAMPER

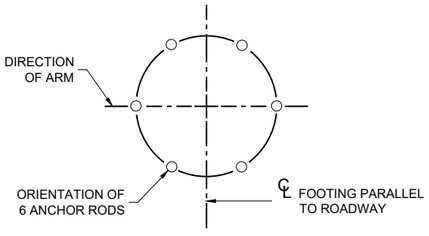
* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.



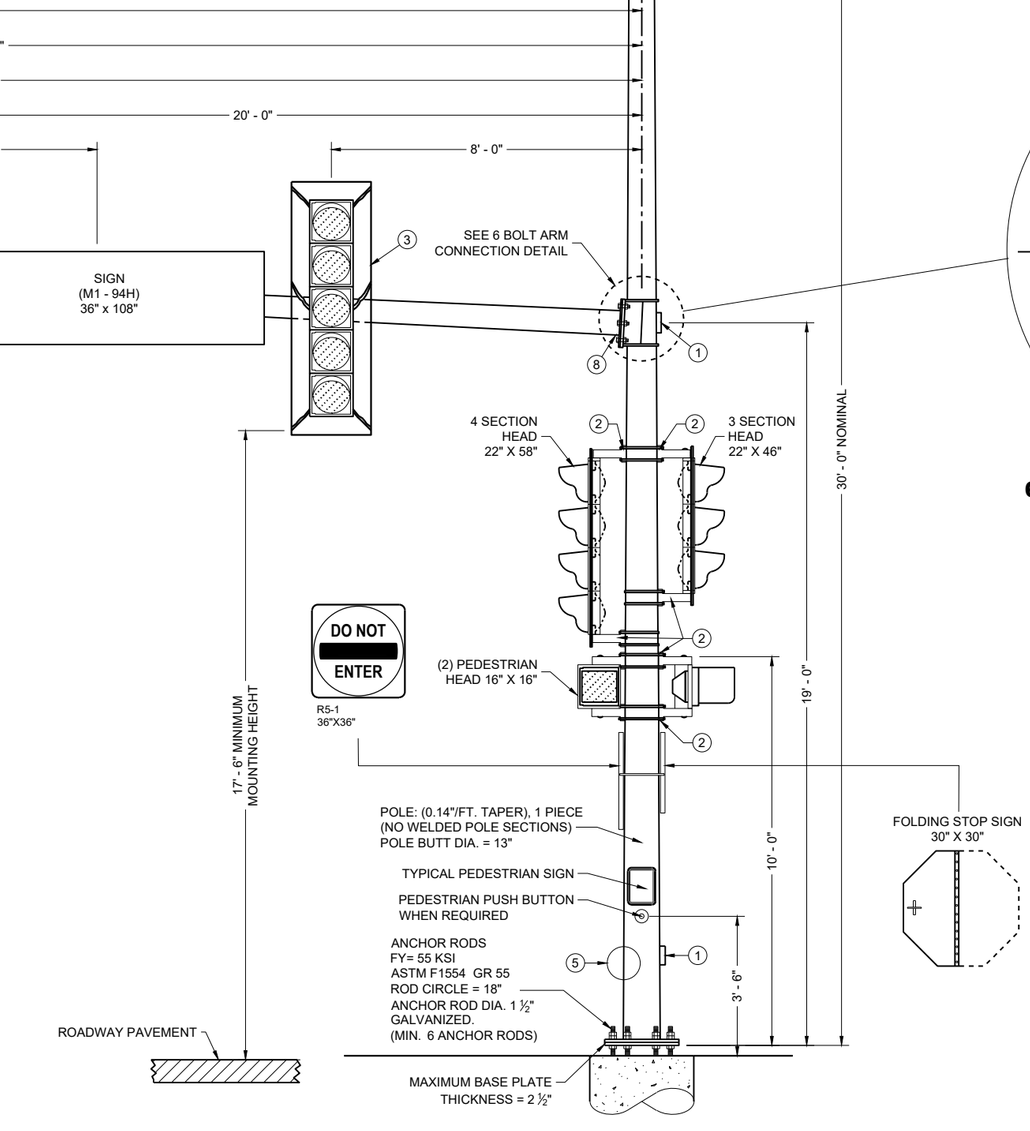


FIXED ARM ATTACHMENT DETAIL

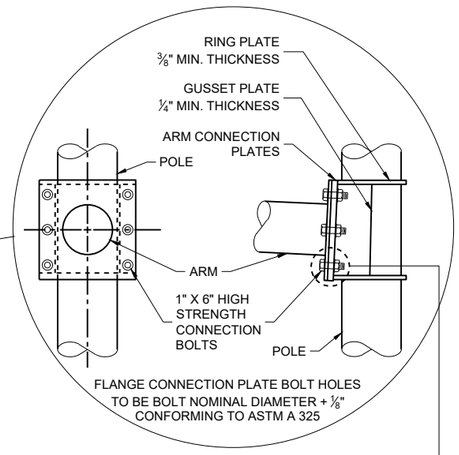




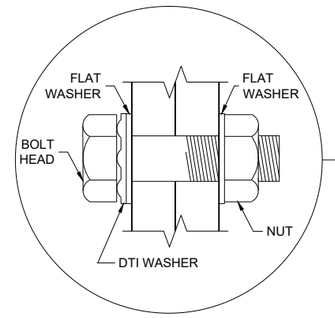
ANCHOR ROD LOCATION



TYPE 10 SPECIAL POLE
45' MONOTUBE ARM
(MAXIMUM LOAD)



6 BOLT ARM CONNECTION DETAIL

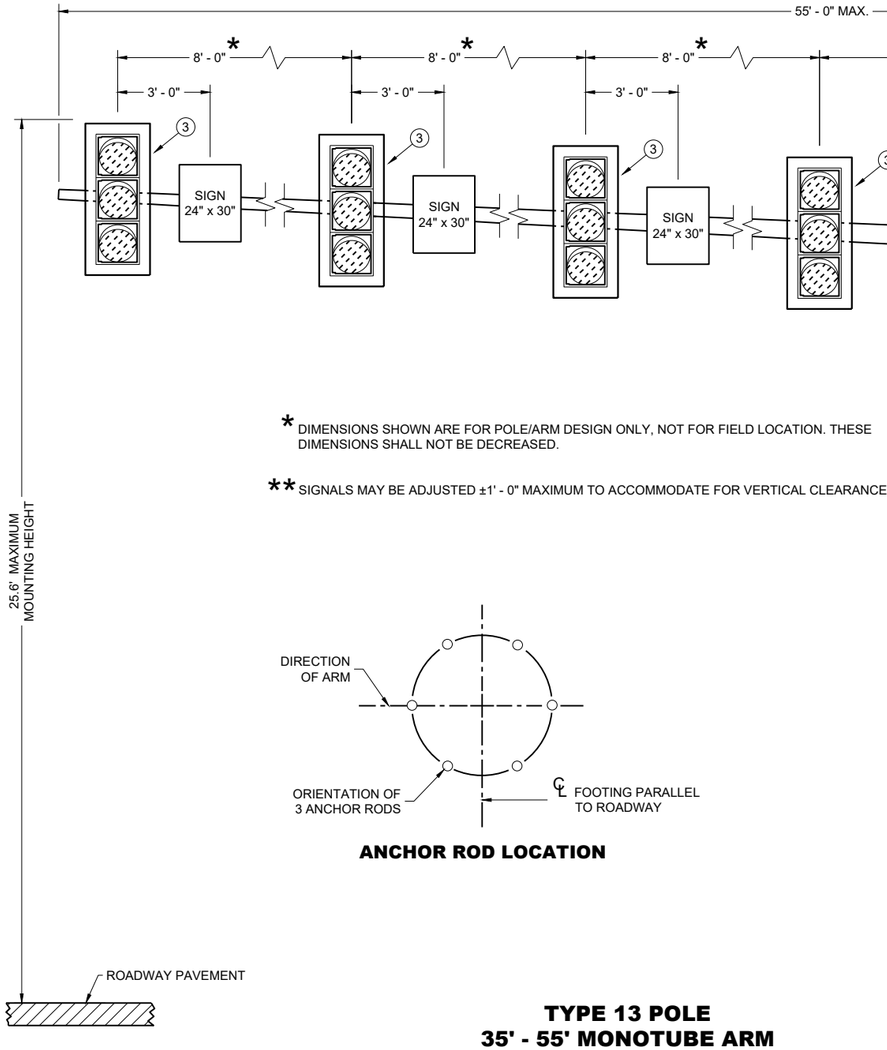


RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 10 SPECIAL POLE
45' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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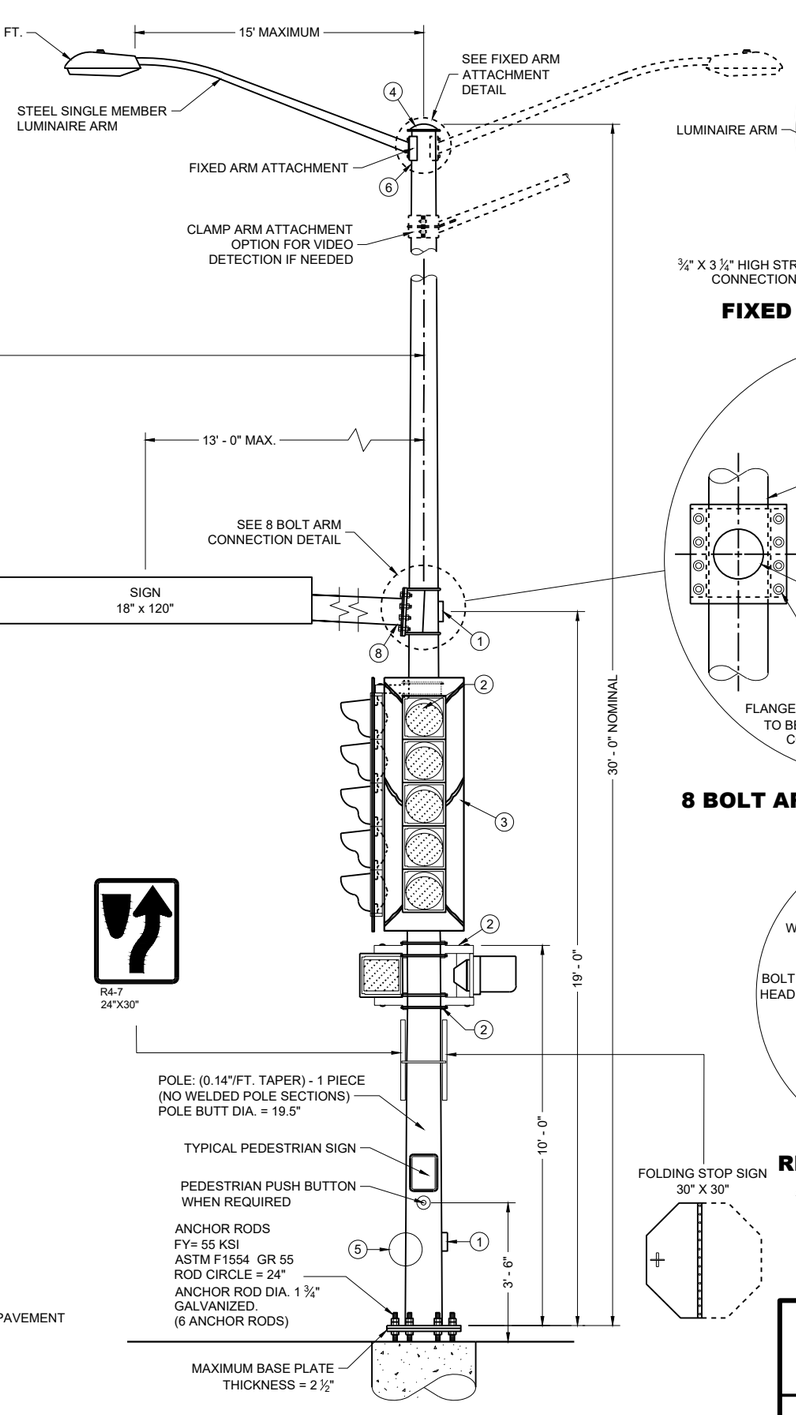


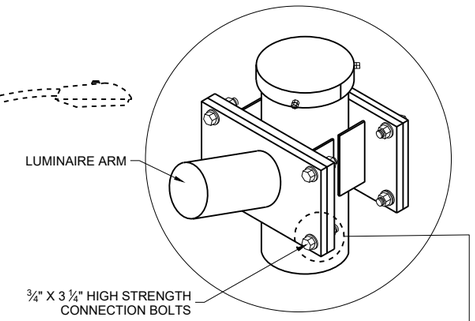
* DIMENSIONS SHOWN ARE FOR POLE/ARM DESIGN ONLY, NOT FOR FIELD LOCATION. THESE DIMENSIONS SHALL NOT BE DECREASED.

** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

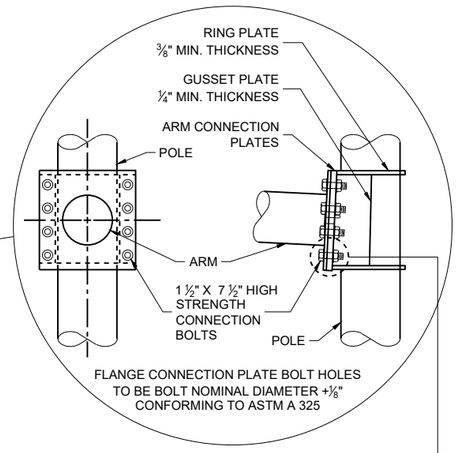
ANCHOR ROD LOCATION

TYPE 13 POLE
35' - 55' MONOTUBE ARM
(MAXIMUM LOAD)

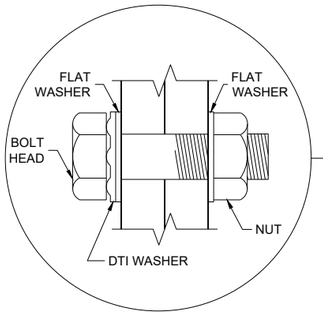




FIXED ARM ATTACHMENT DETAIL



8 BOLT ARM CONNECTION DETAIL



RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 13 POLE
35' - 55' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 09E08-11j

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR A S DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEAD AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

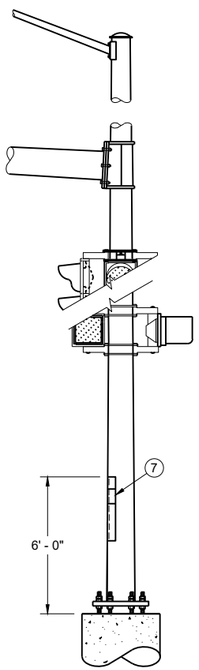
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

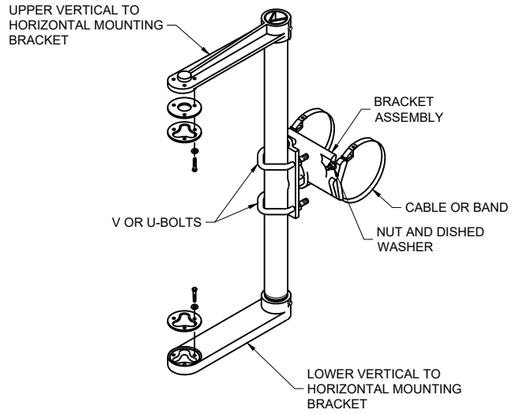
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

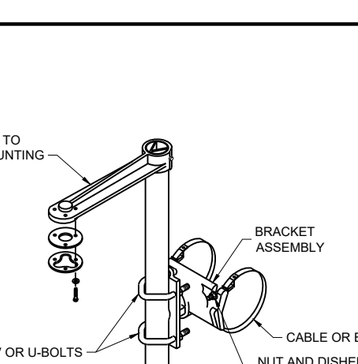
(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.



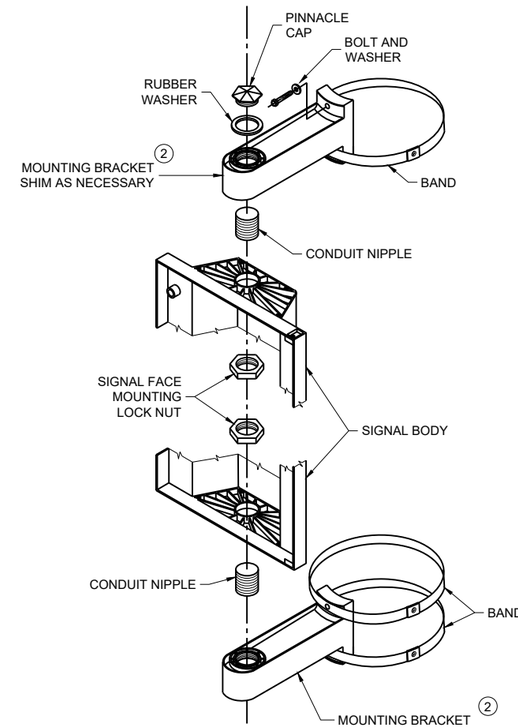
STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



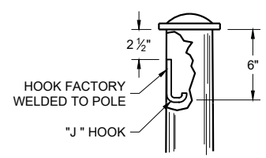
SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM
(MOUNT PER MANFACTURER'S RECOMMENDATION)



TYPICAL GROUNDING (5) CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



SIGNAL FACE VERTICAL MOUNTING DETAIL



TYPICAL "J" HOOK WIRE SUPPORT (6)

GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

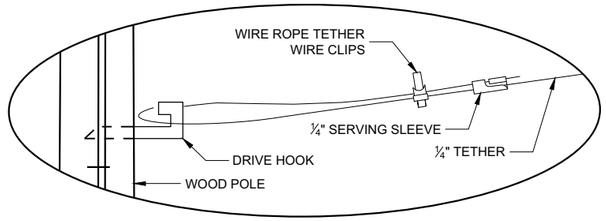
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGINFFR

FHWA

MINIMUM POLE LENGTHS	POLE BURIAL DEPTHS
25'	5'
30'	6'
35'	7'
40'	8'
45'	9'

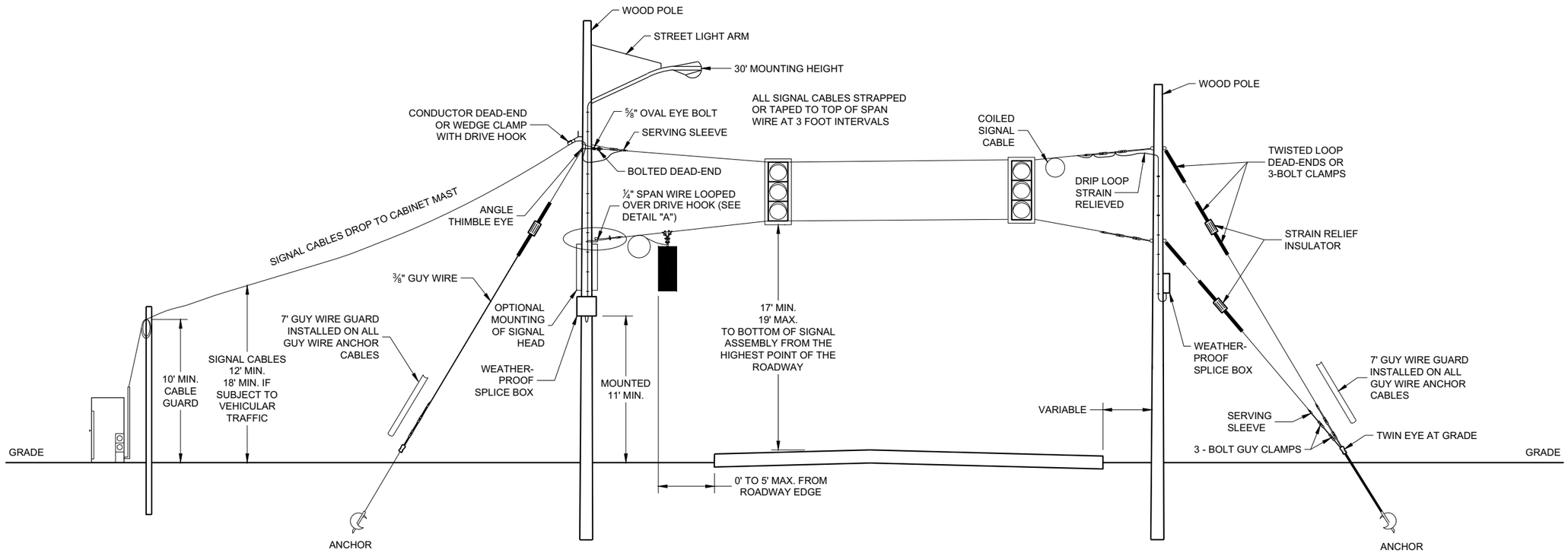


DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
3. SPAN WIRE:
   A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE
/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 637

FHWA

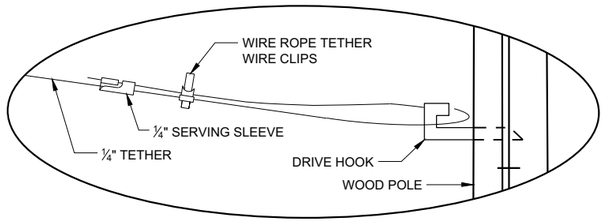
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SDD09G01 - 04a

MINIMUM POLE LENGTHS	CLASS	POLE BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'



DETAIL "A"

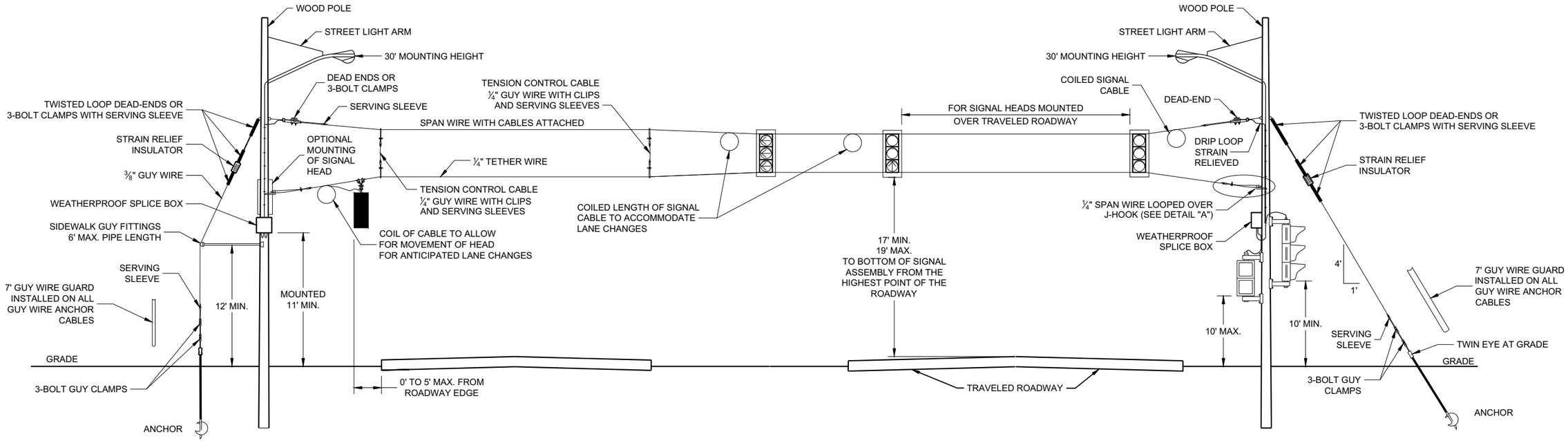
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.

2. SIGNAL FACES:
   - A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   - B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   - C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   - D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   - E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.

3. SPAN WIRE:
   - A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   - B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   - C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 638

FHWA

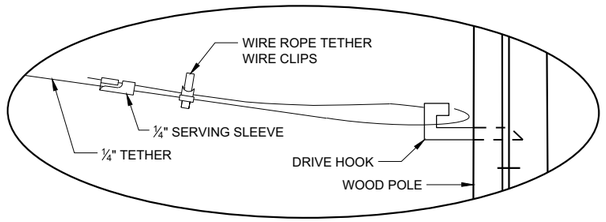
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SDD09G01 - 04b

SDD09G01 - 04b

MINIMUM POLE LENGTHS	CLASS	POLE BURIAL DEPTHS
25'	V	5'
30'	V	6'
35'	IV	7'
40'	IV	8'
45'	IV	9'

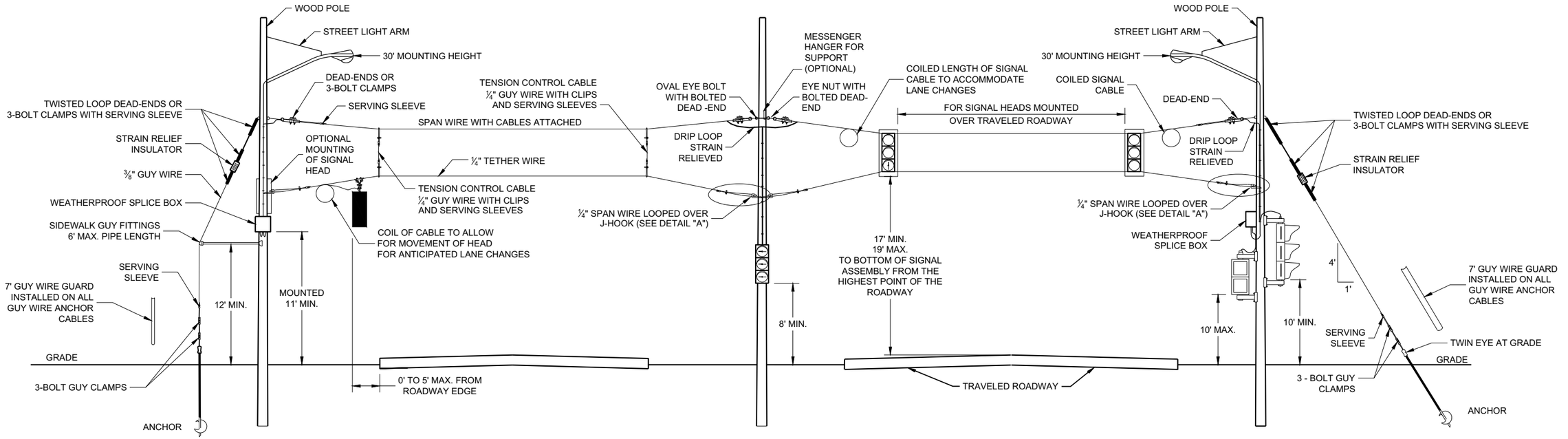


DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

1. WOOD POLES SHALL BE CLASS 4. LENGTH DETERMINED BY SIGNAL PLAN.
2. SIGNAL FACES:
   - A. ALL SECTIONS SHALL BE 12" AND POLYCARBONATE.
   - B. EACH SHALL CONTAIN A 5" WIDE DULL BLACK POLYCARBONATE BACKPLATE.
   - C. EACH SHALL BE WIRED FROM THE TOP SIGNAL MOUNTING BRACKET.
   - D. NEAR RIGHT SIGNAL FACE SUSPENDED ON THE TETHER (NO BACKPLATE) SHALL NOT BE OVER THE TRAVELED WAY. IF THE POLE IS WITHIN 5 FEET OF THE TRAVELED WAY MOUNT THE SIGNAL FACE ON THE WOOD POLE WITH BACKPLATE.
   - E. FAR INDICATION SHALL BE MAINTAINED OVER CENTER OF TRAFFIC LANE.
3. SPAN WIRE:
   - A. EACH SPAN WIRE SHALL BE INDIVIDUALLY DOWN GUYED
   - B. SIGNAL AND LIGHTING CABLES SHALL ONLY BE ATTACHED TO THE UPPER SPAN WIRE.
   - C. THE SIGNAL ASSEMBLY SHALL HAVE A 17' MIN. HEIGHT ABOVE THE ROADWAY. THIS SHALL BE MEASURED AFTER THE SPAN WIRE INSTALLATION IS COMPLETED WITH ALL CABLES AND SIGNAL FACES IN PLACE. MAINTAIN MINIMUM AND MAXIMUM HEIGHTS AS ROADWAY WORK PROGRESSES.



SPAN WIRE
TEMPORARY SIGNALS
4 LANE ROADWAYS

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 639

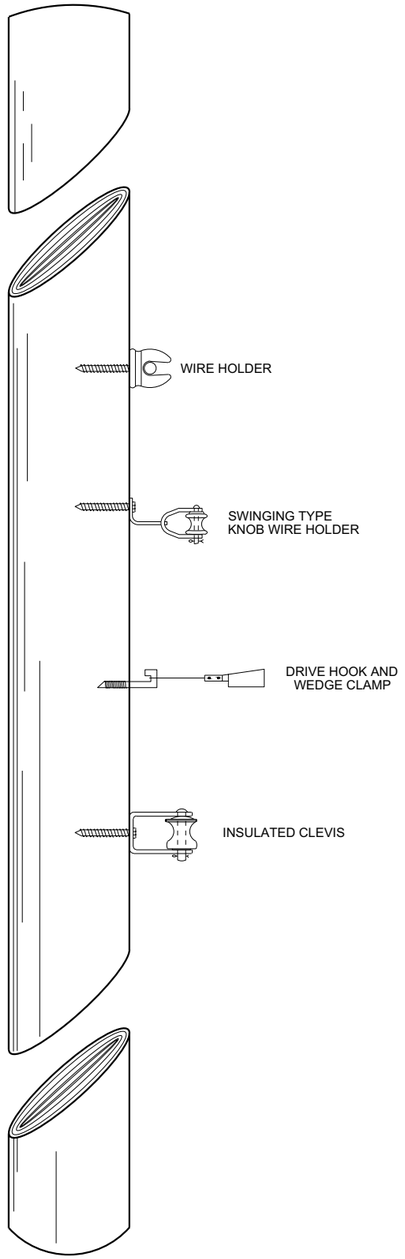
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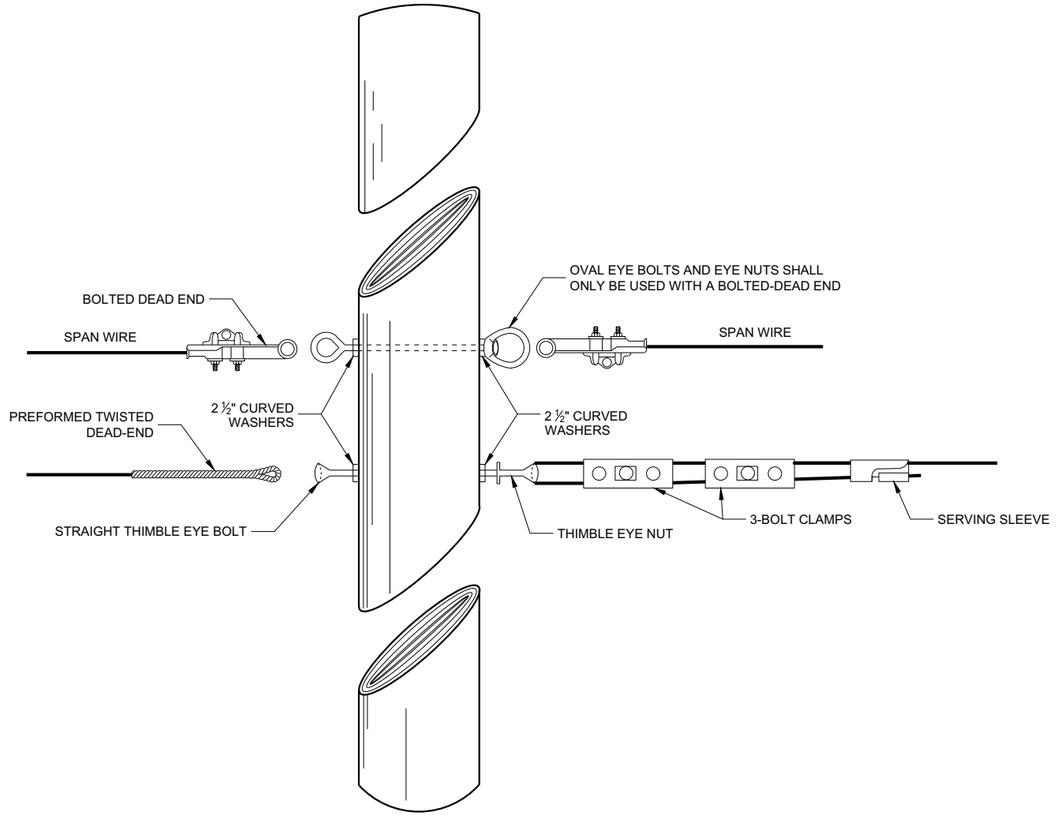
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SDD09G01 - 04c





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SDD 09G01 - 4d

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SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2015
DATE

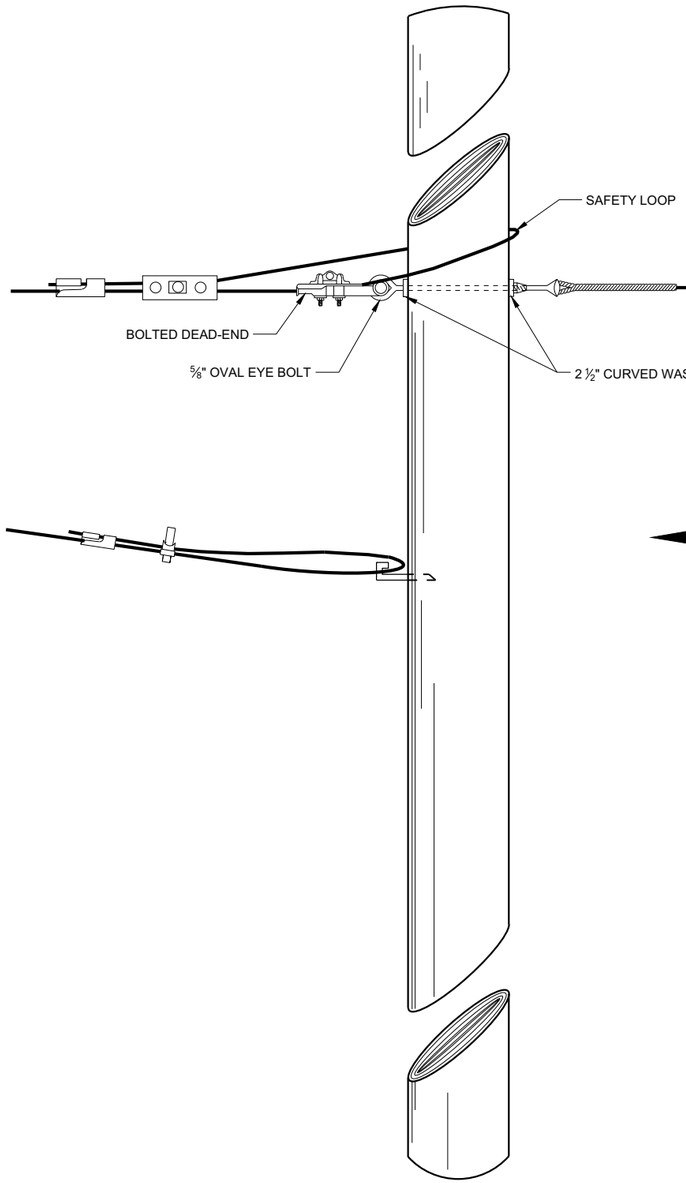
/S/ Ahmet Demerbilek
ROADWAY STANDARDS DEVE ENGINEER

640

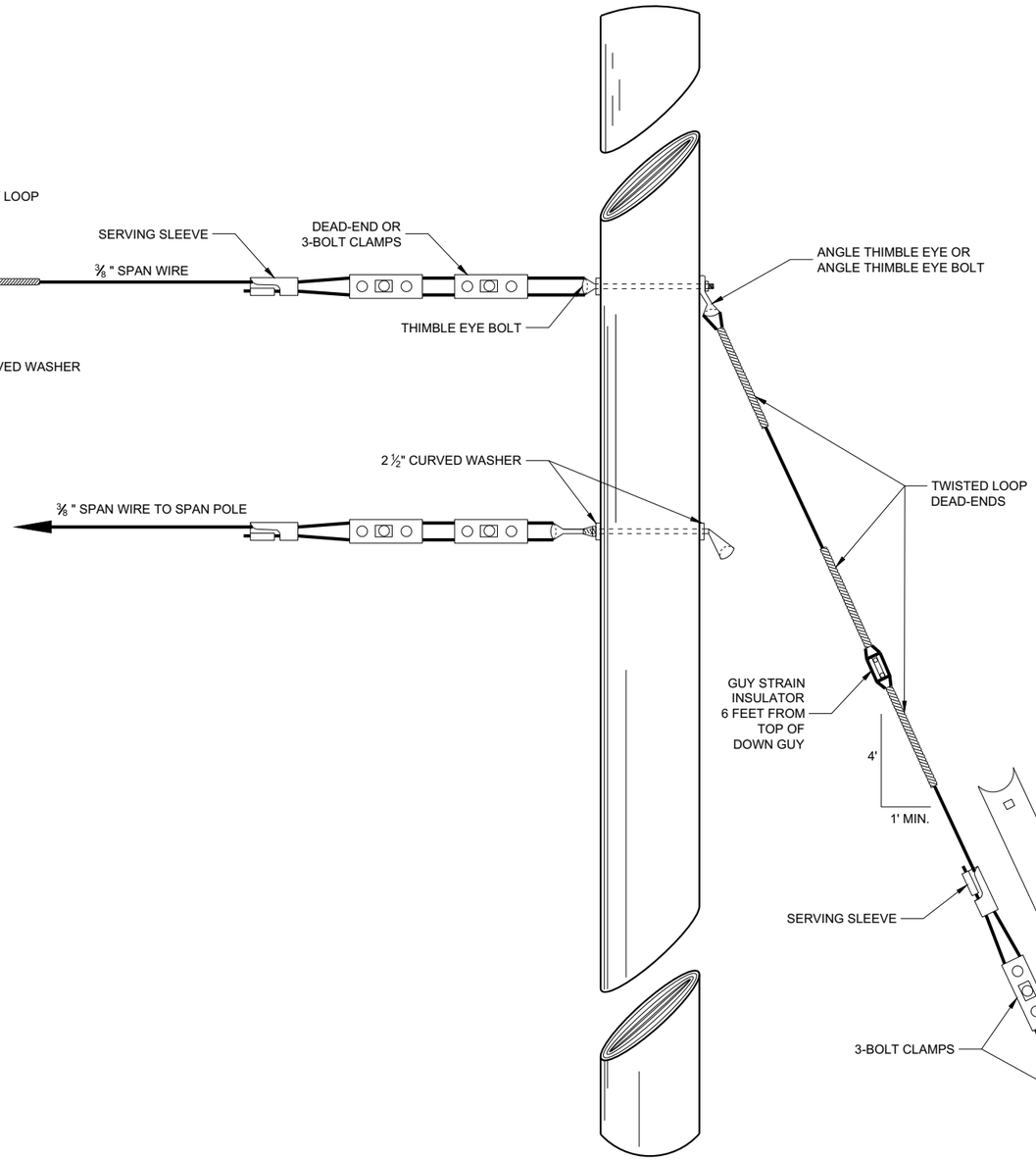
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GENERAL NOTES

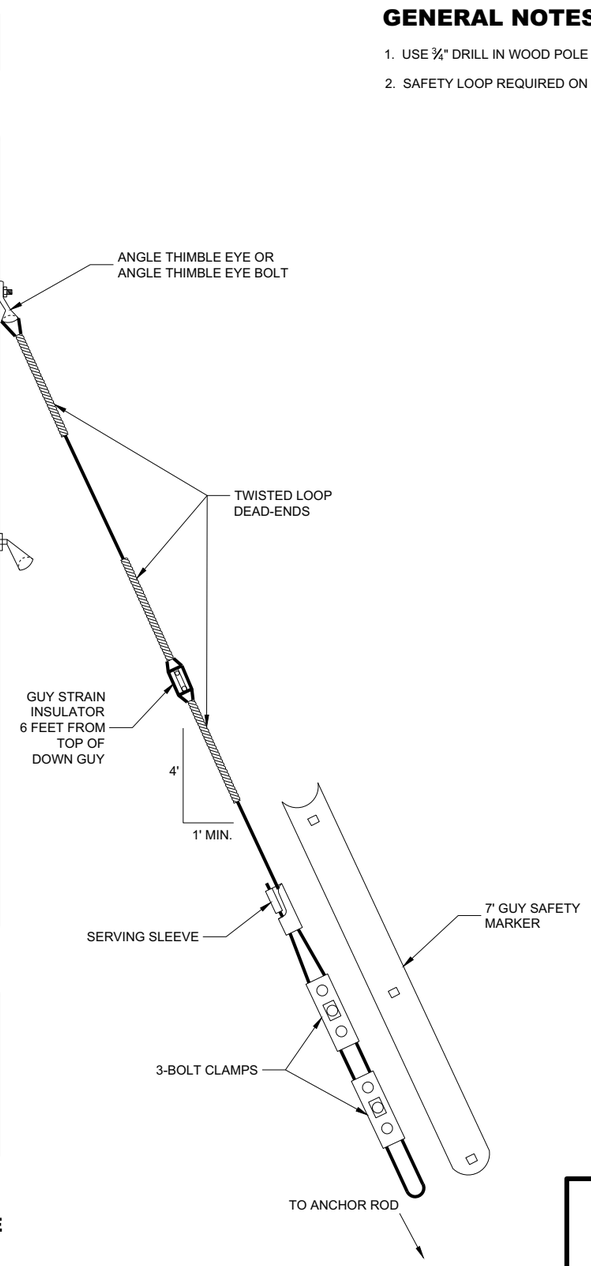
1. USE ¾" DRILL IN WOOD POLE TO PROVIDE FOR ⅝" BOLTS.
2. SAFETY LOOP REQUIRED ON EACH END OF ALL SPAN WIRES.



SPAN WIRE POLE



GUY POLE



TYPICAL DEAD-ENDINGS OR GUYING

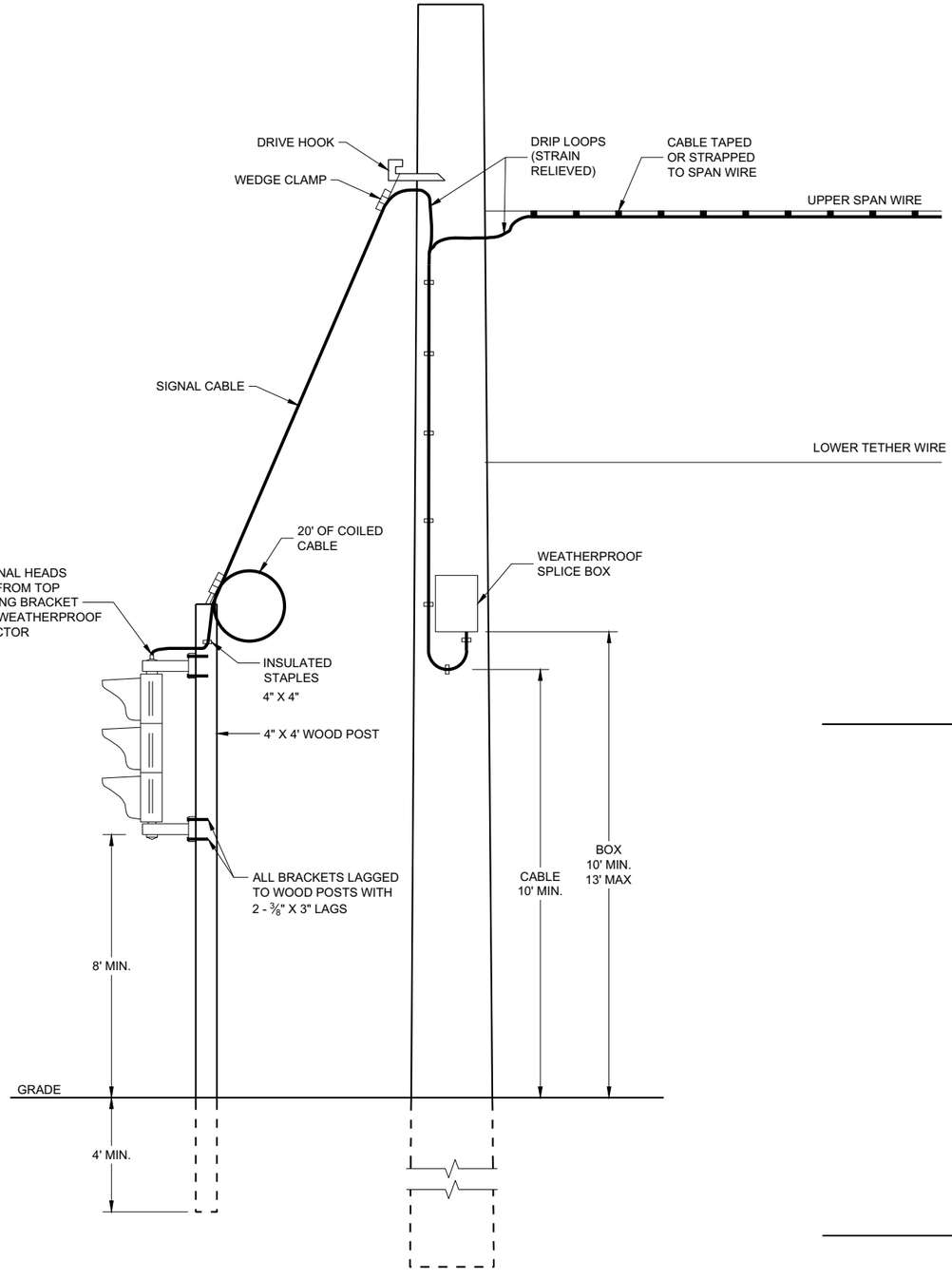
SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

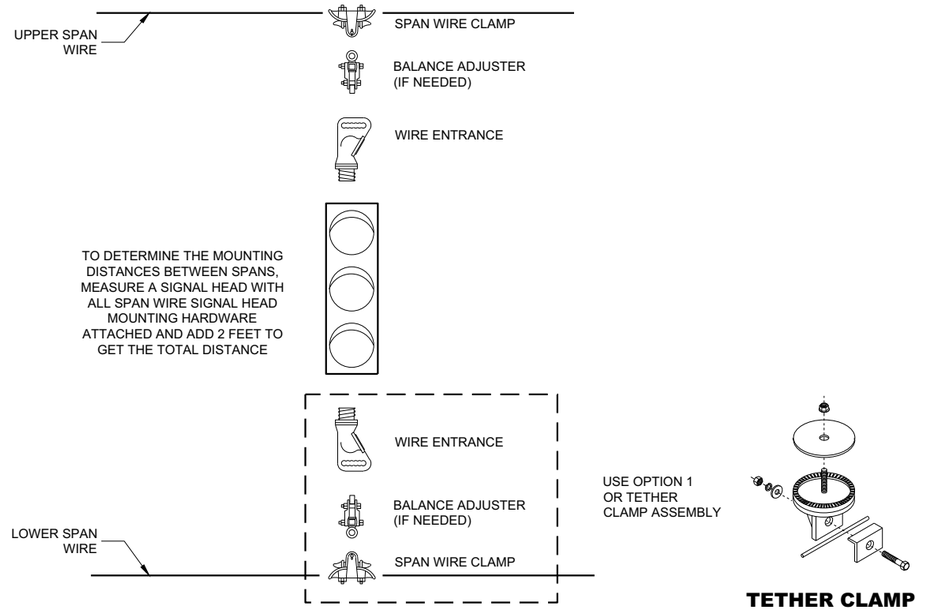
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SDD 09G01 - 4e



TYPICAL DROP TO TEMPORARY MOVEABLE SIGNAL

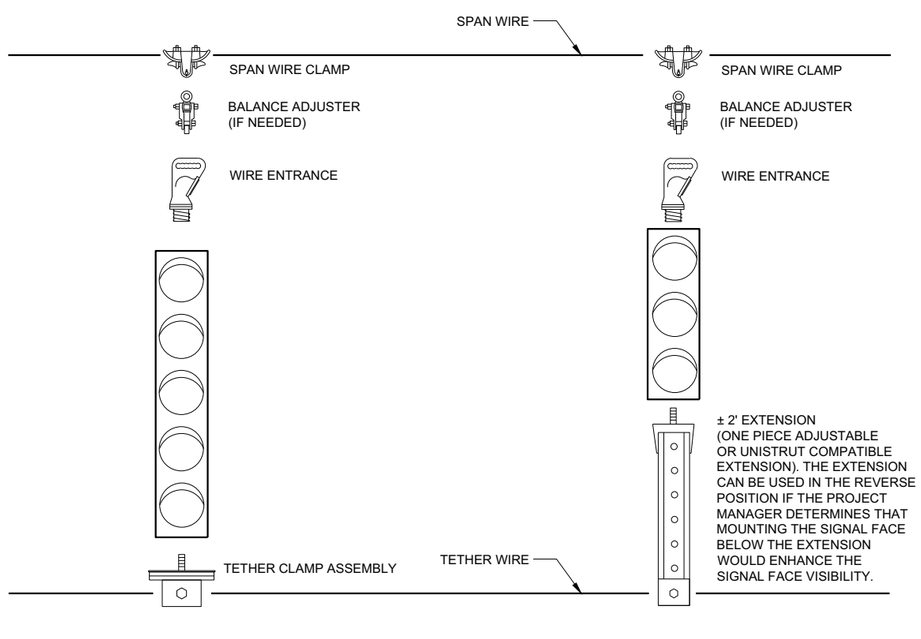


OPTION 1

USE OPTION 1 OR TETHER CLAMP ASSEMBLY

TETHER CLAMP ASSEMBLY OPTION

TYPICAL SPAN WIRE MOUNTING HARDWARE



5 SECTION VERTICAL WITH 3 SECTION VERTICAL ON ONE SPAN WIRE

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

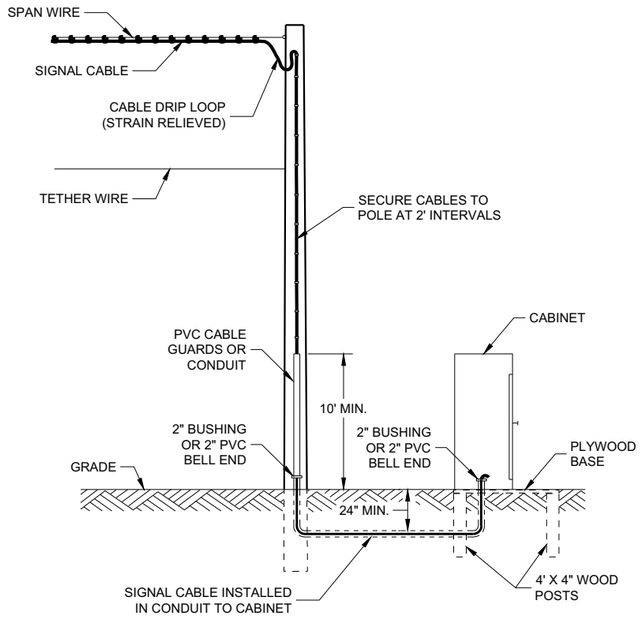
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

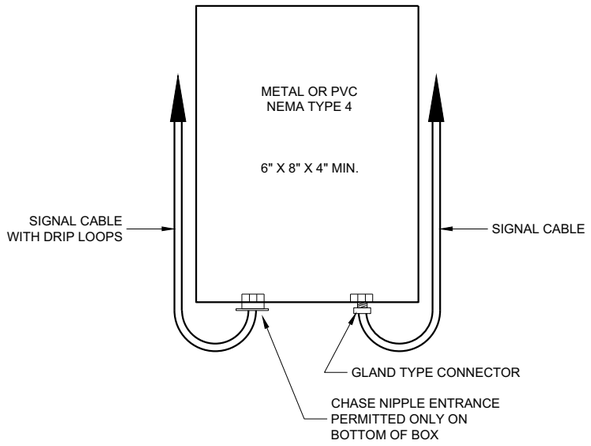
APPROVED
June 2015 — DATE
/S/ Ahmet Demerbilek — ROADWAY STANDARDS DEVE ENGINEER

FHWA

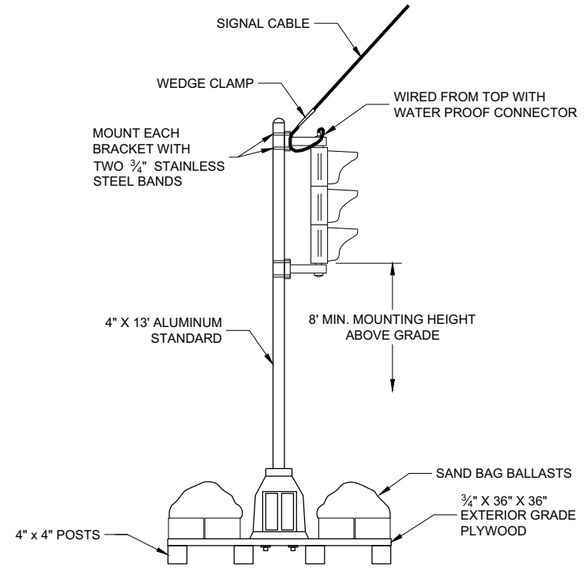
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SDD 09G01 - 4f

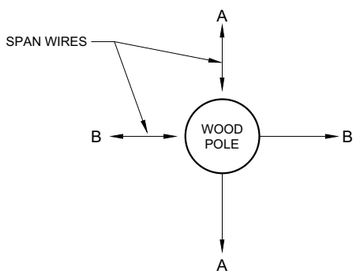




SPLICE BOX

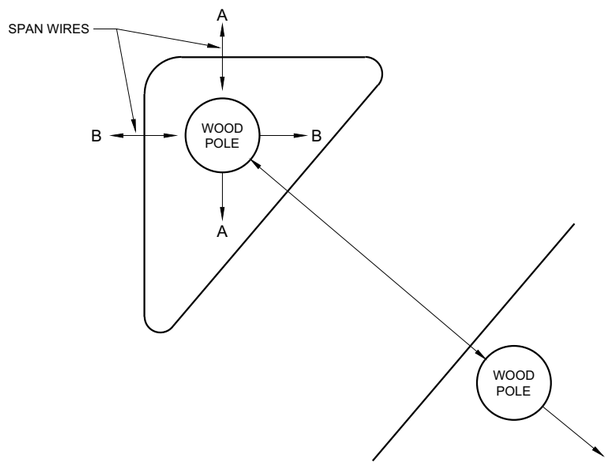


TYPICAL SKID TYPE TEMPORARY

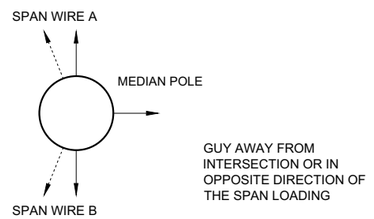


ALL DOWN OR SIDEWALK GUYS
SHALL BE INSTALLED IN THE
OPOSITE DIRECTION OF THE
STRAIN OF THE SPAN WIRE

CORNER POLES



ISLAND POLES



GUY AWAY FROM
INTERSECTION OR IN
OPPOSITE DIRECTION OF
THE SPAN LOADING

MEDIAN POLES

SPAN WIRE TEMPORARY TRAFFIC SIGNAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2015
DATE

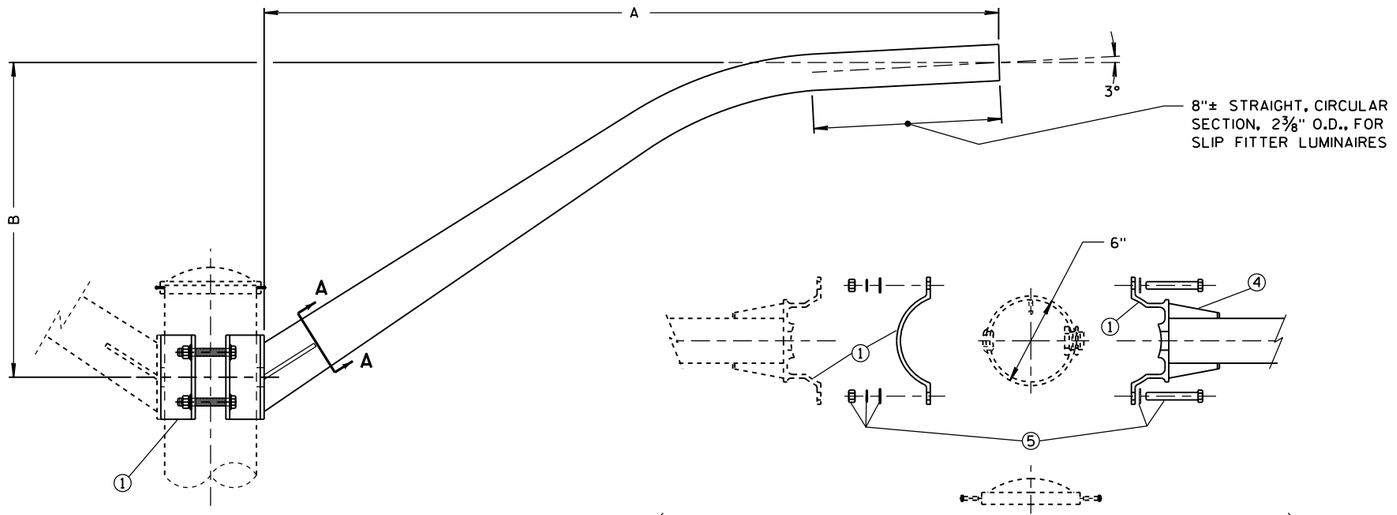
/S/ Ahmet Demerbilek
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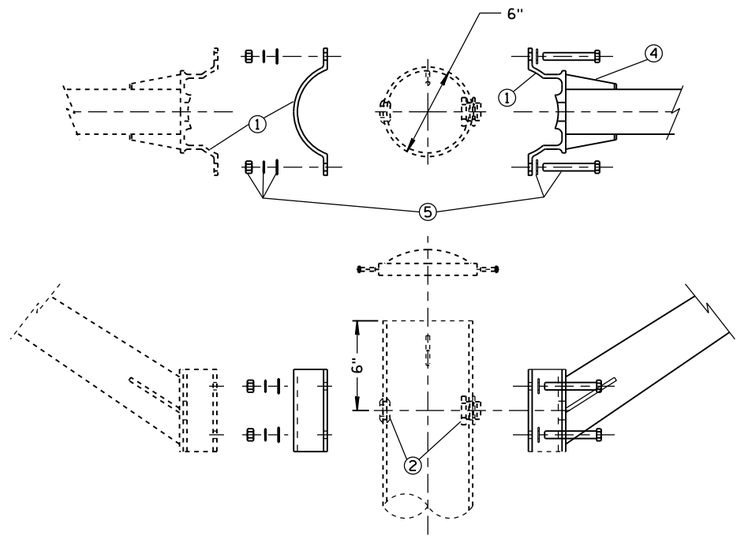
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SDD 09G01 - 4g



LUMINAIRE ARMS, SINGLE MEMBER, 6-INCH CLAMP - FOR POLES, TYPE 7, A OR E

VARIOUS LENGTHS (SEE TABLE)



CLAMP ASSEMBLY

SINGLE MEMBER CLAMP SHOWN

TYPE	DIM. A NOMINAL ARM LENGTH (FT)	DIM. B APPROX. RISE (FT)
SINGLE MEMBER	4.0	2.0
SINGLE MEMBER	8.0	3.0
SINGLE MEMBER	10.0	3.0
SINGLE MEMBER	15.0	3.0

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ARMS AND CLAMP EXTRUSIONS SHALL BE CONSTRUCTED OF NATURAL FINISH 6063-T6 ALUMINUM.

HEAT TREATMENT OF WELDS IN STRUCTURAL AREAS IS REQUIRED.

ALL THREADED FASTENER COMPONENTS SHALL BE STAINLESS STEEL. NUTS SHALL BE HEX NUTS. BOLTS SHALL BE HEX HEAD. ALL THREADED SURFACES SHALL BE COATED WITH ANTI-SEIZE COMPOUND PRIOR TO INSTALLATION.

LUMINAIRE LOADING FOR DESIGN CALCULATION SHALL BE 50 LBS. IN WEIGHT AND 1.5 SQ. FT. FOR E.P.A..

① CLAMPS SHALL BE EXTRUDED ALUMINUM.

② RACE WAY: 1 3/8" FIELD DRILLED HOLE WITH 1" CHASE NIPPLE AND NUT (OR NEOPRENE GROMMET) PER EACH REQUIRED LUMINAIRE ARM. PROVIDE 1 1/2" HOLE IN CLAMP EXTRUSION TO CONTINUE RACEWAY.

③ STIFFENER

④ GUSSETS REQUIRED.

⑤ CLAMP BOLT ASSEMBLY (BOLT - 1/2"-13 UNC, 2 EACH - FLAT WASHER, LOCK WASHER, NUT) - 4 EACH PER CLAMP.

6

6

S.D.D. 10 A 18-5a

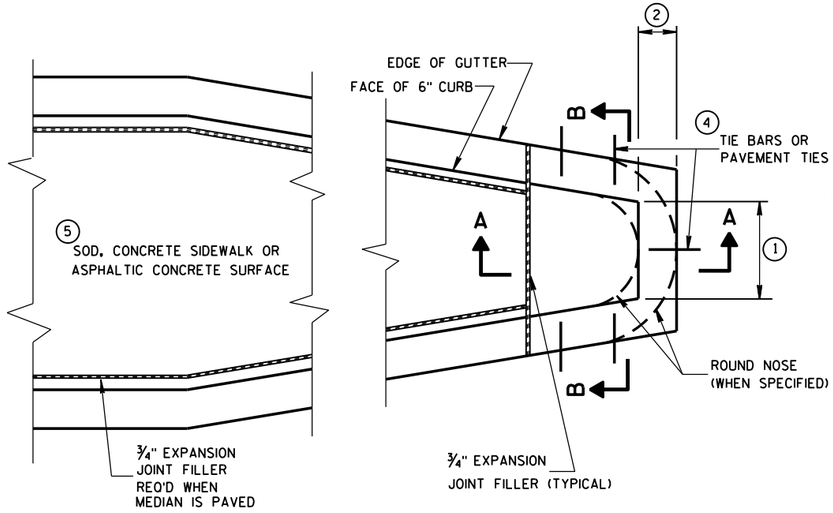
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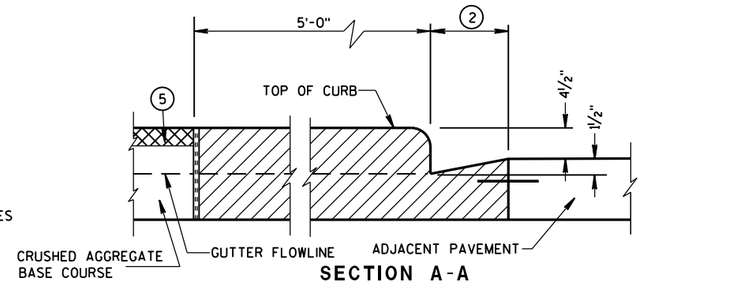
LUMINAIRE ARMS, SINGLE MEMBER 6-INCH CLAMP

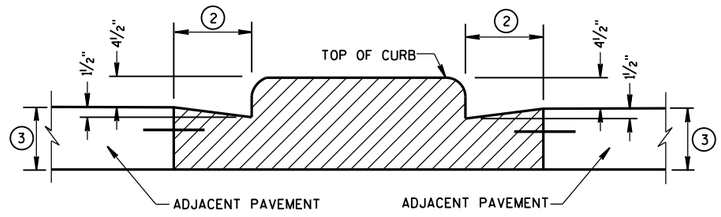
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL

FHWA







CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

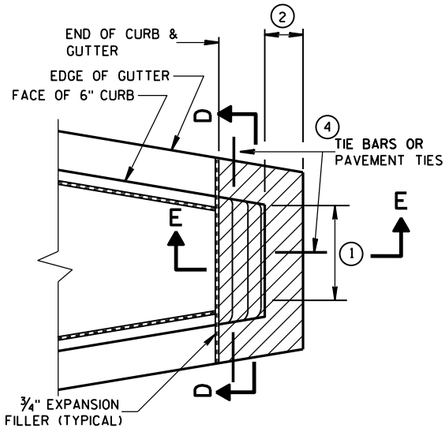
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

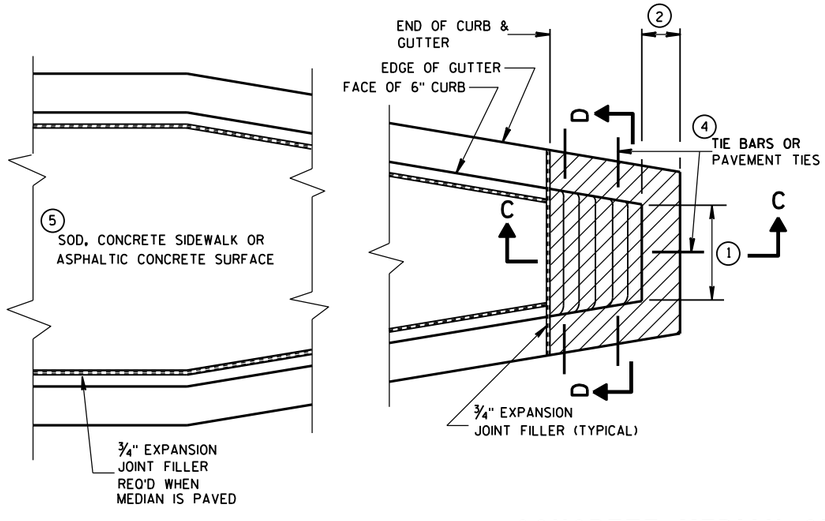
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

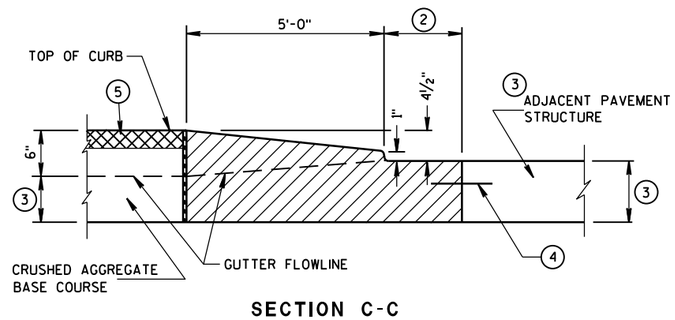
PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

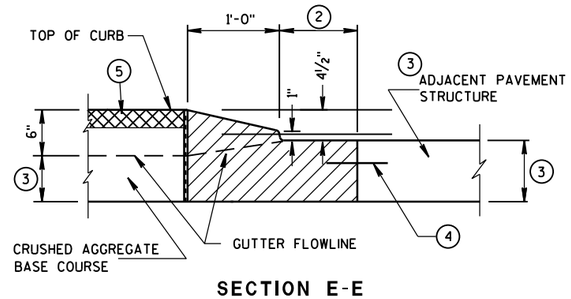
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



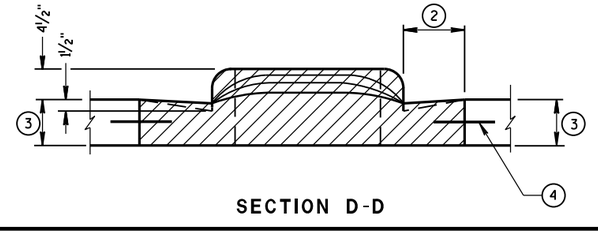


CONCRETE MEDIAN SLOPED NOSE TYPE 1





CONCRETE MEDIAN SLOPED NOSE TYPE 2



CONCRETE MEDIAN NOSE

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DEPARTMENT OF TRANSPORTATION

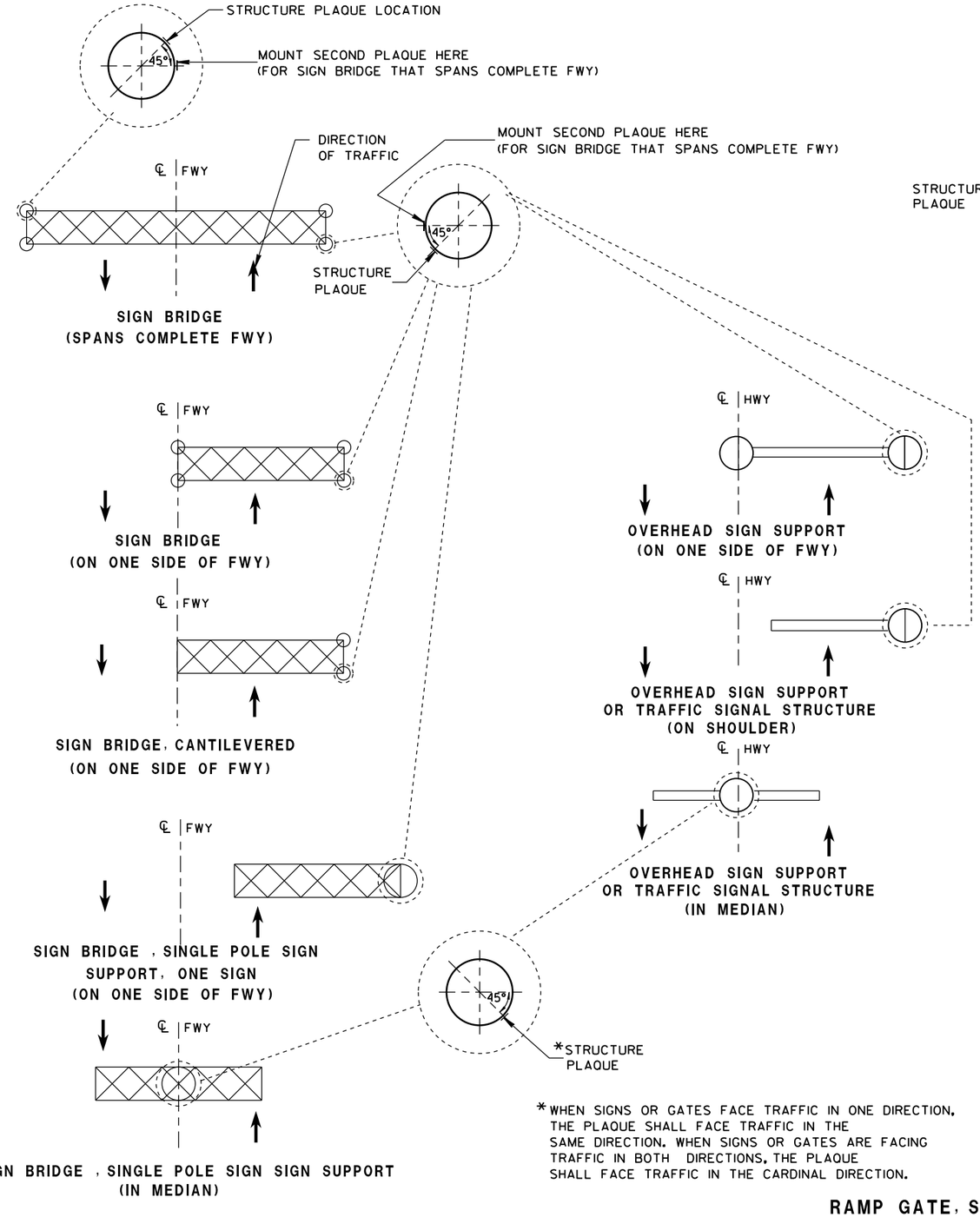
APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS D ENGINEER
FHWA

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S.D.D. 11 B 2-2

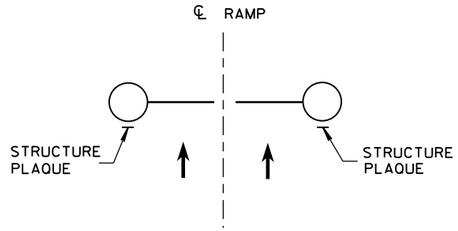
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S.D.D. 11 B 2-2

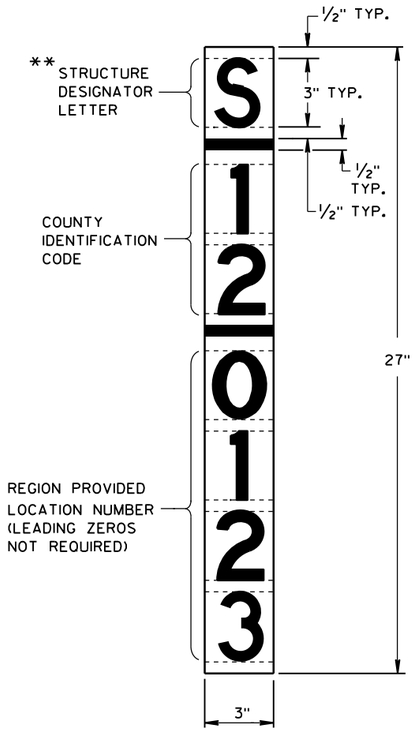


*WHEN SIGNS OR GATES FACE TRAFFIC IN ONE DIRECTION, THE PLAQUE SHALL FACE TRAFFIC IN THE SAME DIRECTION. WHEN SIGNS OR GATES ARE FACING TRAFFIC IN BOTH DIRECTIONS, THE PLAQUE SHALL FACE TRAFFIC IN THE CARDINAL DIRECTION.

LOCATION OF RAMP GATE, SIGN BRIDGE, OVERHEAD SIGN SUPPORT & TRAFFIC SIGNAL STRUCTURE PLAQUES



**RAMP GATE
(ACROSS FWY ON-RAMP)**



RAMP GATE, SIGN BRIDGE, OVERHEAD SIGN SUPPORT AND TRAFFIC SIGNAL STRUCTURE PLAQUE FOR SIGN BRIDGES AND OVERHEAD SIGN SUPPORT WHICH ARE NOT STRUCTURE MOUNTED

** LETTER "G" UTILIZED FOR RAMP GATES. LETTER "S" UTILIZED FOR SIGN BRIDGES, OVERHEAD SIGN SUPPORTS, AND TRAFFIC SIGNALS.

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN IN THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PLAQUES SHALL BE INCIDENTAL TO ALL NEW INSTALLATIONS.

IF THE PROPOSED SIGN BRIDGE OR OVERHEAD SIGN SUPPORT IS REPLACING AN EXISTING SIGN BRIDGE OR OVERHEAD SIGN SUPPORT, A NEW IDENTIFICATION PLAQUE WILL BE REQUIRED.

FASTEN TOP, CENTER AND BOTTOM OF PLAQUE TO POLE OR OTHER LOCATION AS FOLLOWS:

GALVANIZED STEEL SHAFT - 3 STAINLESS STEEL POP RIVETS

A588 STEEL SHAFT - SHIM FOR DRAINAGE WITH STAINLESS WASHERS; FASTEN WITH STAINLESS SELF-TAPPING SCREWS

ALUMINUM SHAFTS - 3 ALUMINUM POP RIVETS

MOUNTING HEIGHT SHALL BE APPROXIMATELY 5.0' ABOVE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL OBSTRUCT.

PLAQUE MATERIALS:

BASE - SHEET ALUMINUM, 0.060" THICK.

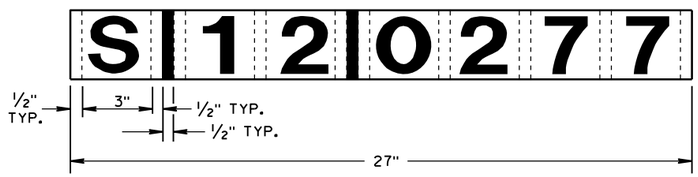
FACE - WHITE, SELF-ADHESIVE VINYL SHEETING, NON-RETROREFLECTIVE

LINES - BLACK, ½" WIDE, SELF-ADHESIVE

CHARACTERS:- BLACK, SELF ADHESIVE, SERIES "D", SIZE AS SHOWN.

FOR SIGN BRIDGES, STRUCTURE MOUNTED, THE STRUCTURE PLAQUE SHALL BE MOUNTED HORIZONTALLY AS SHOWN ON THE DRAWING. THE STRUCTURE PLAQUE SHALL BE MOUNTED HORIZONTALLY TO THE BACK OF THE SIGN, BETWEEN THE ALUMINUM EXTRUSIONS, NEAR THE TOP LEFT HAND CORNER OF THE SIGN. THE BASE MATERIAL SHALL BE OMITTED AND THE FACE ADHERED DIRECTLY TO THE ALUMINUM SURFACE. PRIOR TO ADHERING THE MATERIAL, THE ALUMINUM SURFACE SHALL BE SMOOTH, CLEAN AND DRY.

WHERE SIGN BRIDGE ILLUMINATION IS PROVIDED, THE STRUCTURE MUST ALSO HAVE A SIGN BRIDGE CIRCUIT PLAQUE AS SHOWN IN THE ELECTRICAL DETAILS.



IDENTIFICATION PLAQUE FOR SIGN BRIDGE, STRUCTURE MOUNTED

STRUCTURE IDENTIFICATION PLAQUES, RAMP GATES, SIGN BRIDGES, OVERHEAD SIGN SUPPORTS, & TRAFFIC SIGNALS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

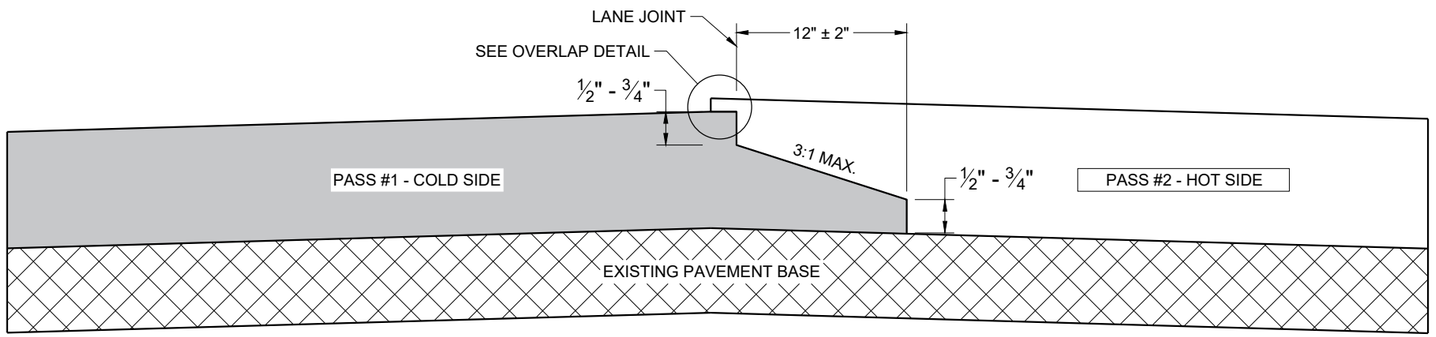
APPROVED
12/4/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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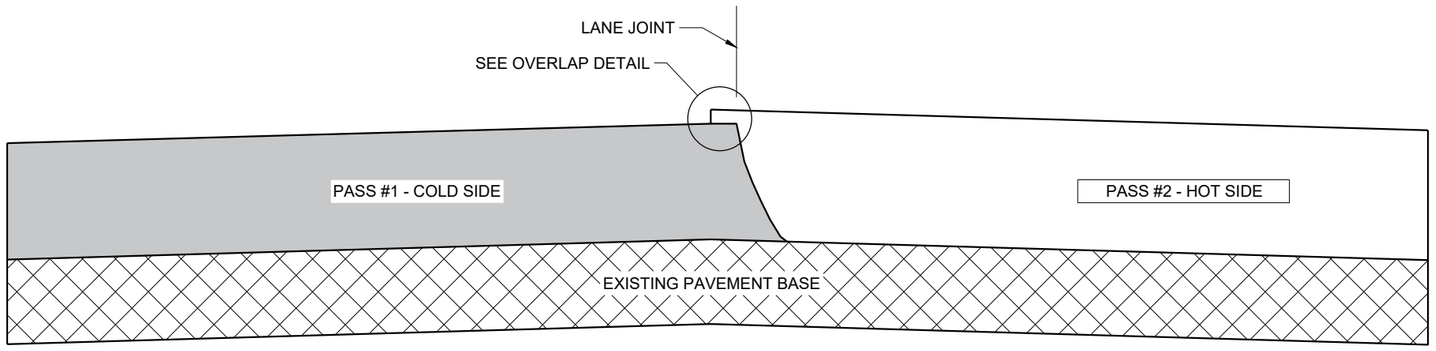
S.D.D. 12 A 4-3

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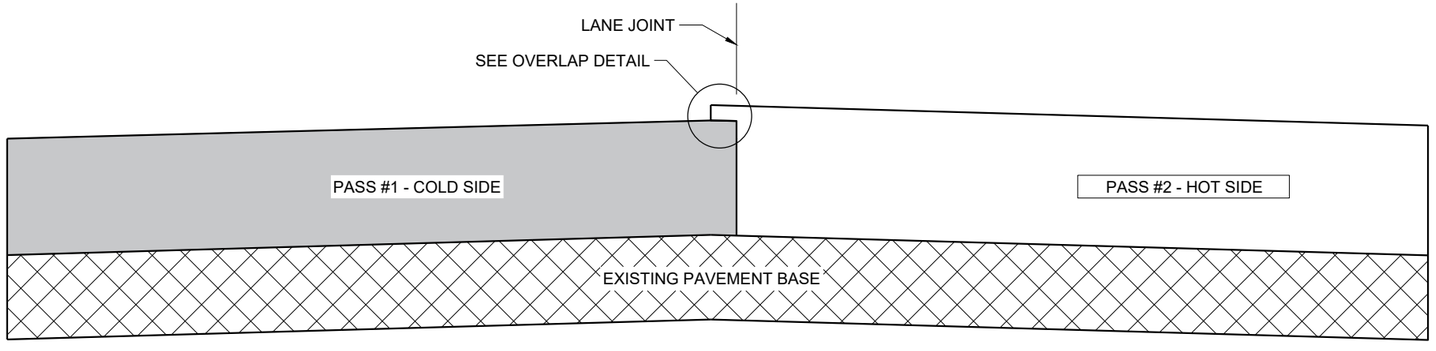
S.D.D. 12 A 4-3



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

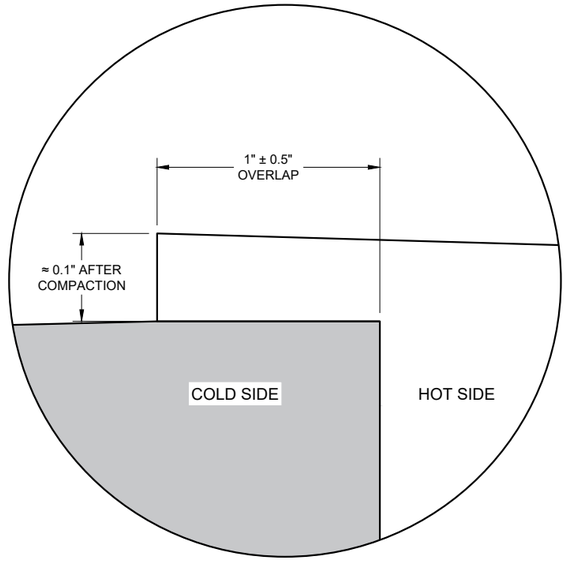
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

HMA LONGITUDINAL JOINTS

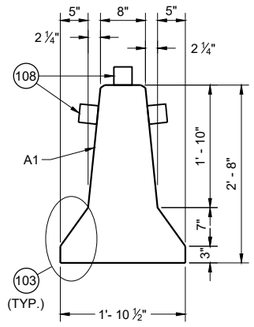
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

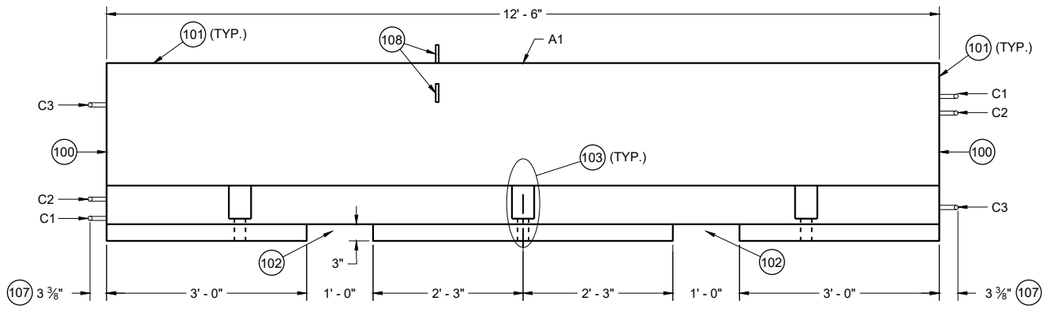
/S/ Steven Hefel
HMA PAVEMENT ENGIN

647

FHWA



CROSS SECTION



PROFILE VIEW

GENERAL NOTES

PLACE BARRIER ON PAVED SURFACE. BEFORE PLACEMENT OF TEMPORARY BARRIER, REMOVE ALL LOOSE MATERIAL FROM PAVED SURFACE.

LOOP BARS C1, C2 AND C3 ARE NOT FOR PLACEMENT OR MOVEMENT OF BARRIER.

(100) PERMANENTLY FORM INTO ONE END OF BARRIER THE FOLLOWING INFORMATION:
- A. TYPE OF BARRIER: WI-CBTP
- B. MANUFACTURER
- C. DATE OF MANUFACTURE (MONTH AND YEAR)

(101) 1" OPTIONAL CHAMFER

(102) SEE LIFTING SLOT DETAIL

(103) SEE ANCHOR BLOCK DETAIL

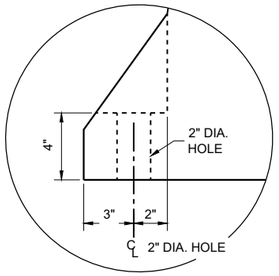
(104) 1 ¾" MIN. CLEAR COVER

(105) 2" MIN. CLEAR COVER

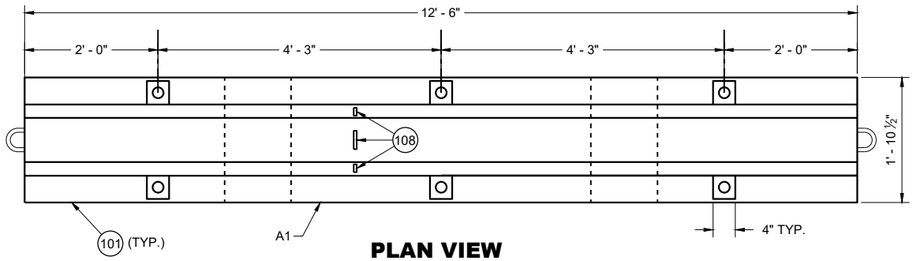
(106) 1" MIN. CLEAR COVER

(107) ± ⅛" MEASURED FROM FACE OF CONCRETE BARRIER TO OUTSIDE OF LOOP BAR (TYP.)

(108) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURERS INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED LEFT OF TRAFFIC AND WHITE WHEN BARRIER IS LOCATED RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART, PROVIDE TOP MOUNTED DELINEATORS IN ADDITION TO SIDE MOUNTED DELINEATORS ON BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAT 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.

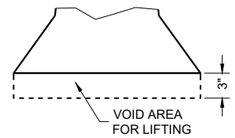


ANCHOR BLOCK DETAIL

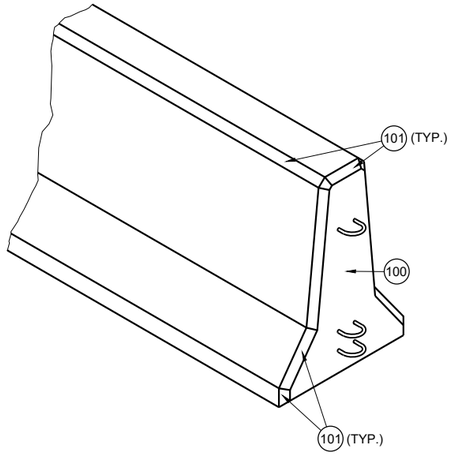


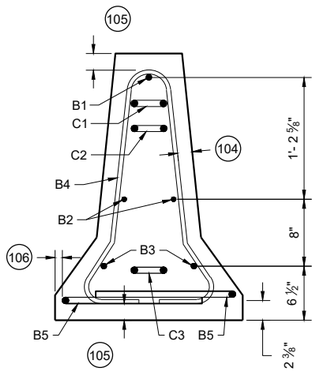
PLAN VIEW

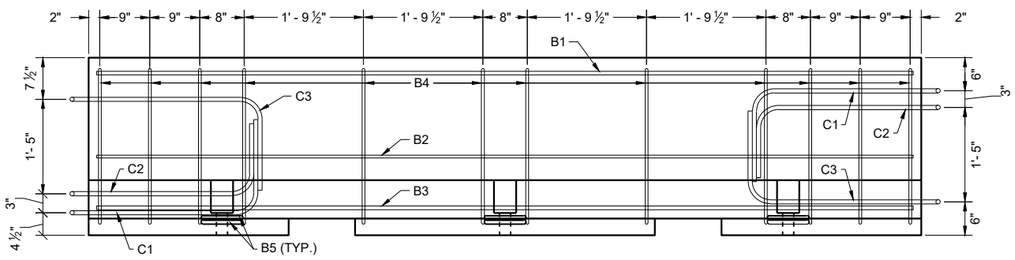
TEMPORARY BARRIER



LIFTING SLOT DETAIL (TYP.)







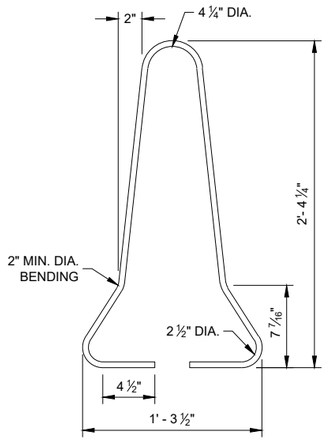
PROFILE VIEW

TEMPORARY BARRIER REINFORCEMENT

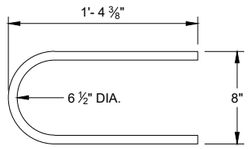
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

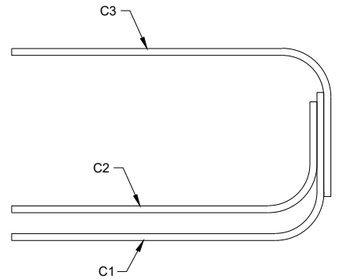
SDD 14B07-16a



B4 BAR DETAIL

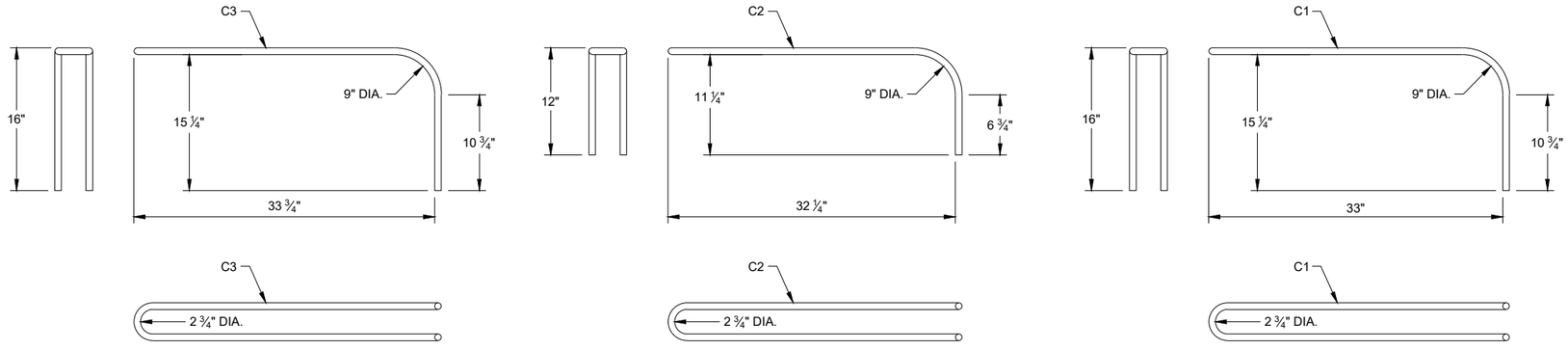


B5 BAR DETAIL



PROFILE VIEW

LOOP BAR ASSEMBLY



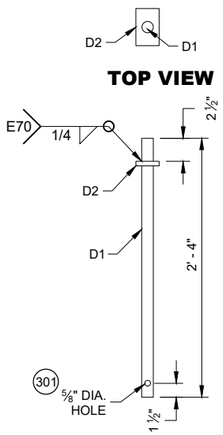
C BAR DETAILS

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

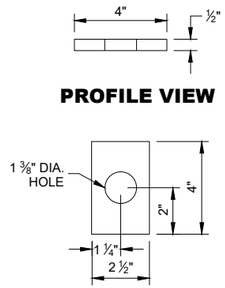
SDD 14B07-16b



TOP VIEW

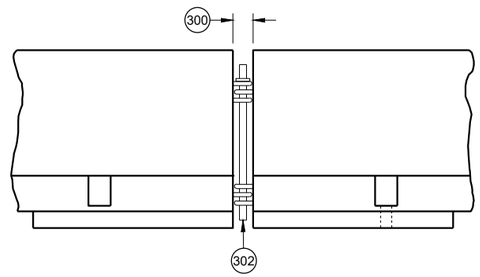
PROFILE VIEW

CONNECTOR PIN ASSEMBLY



PROFILE VIEW

TOP VIEW D2



CONNECTING TEMPORARY BARRIER SECTIONS

GENERAL NOTES

300 SET WITH 3 ⅝" WOOD BLOCK.

301 HOLE IS OPTIONAL.

302 CONNECTOR PIN ASSEMBLY.

303 CONCRETE PAVEMENT, APPROACH SLAB, OR DECK.

304 CONCRETE DECK.

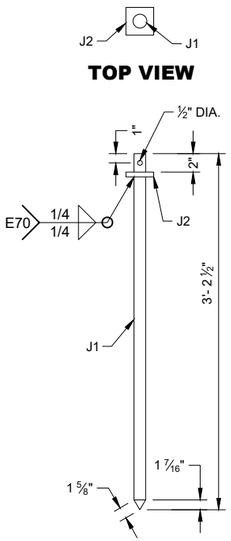
305 DO NOT USE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY OR CONCRETE PAVEMENT WITH ASPHALT OVERLAY.

306 MINIMUM OF 2" OF ASPHALT.

307 ASPHALT ANCHOR PIN ASSEMBLY

308 IF DRILLING A PILOT HOLE, THE MAX, DIA. OF THE HOLE IS 3/4"

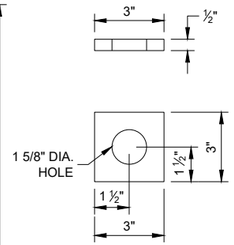
309 WHEN THERE IS ASPHALT OVERLAYING CONCRETE PAVEMENT, A 1 5/8" DIA. PILOT HOLE CAN BE DRILLED INTO THE OVERLAY AND CONCRETE. IF NEEDED DRILL A 3/4" PILOT HOLE IN BASE COURSE.



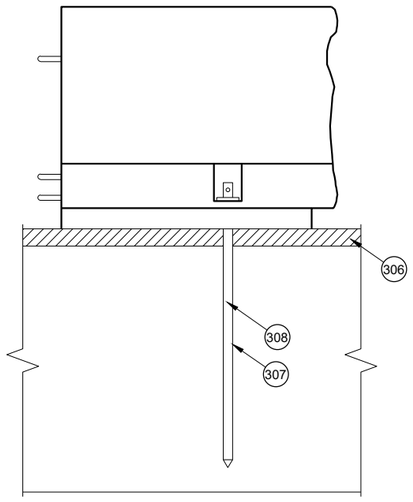
TOP VIEW

PROFILE VIEW

ASPHALT ANCHOR PIN ASSEMBLY

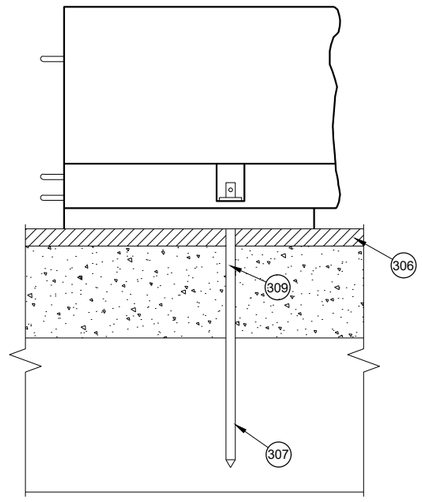


TOP VIEW J2



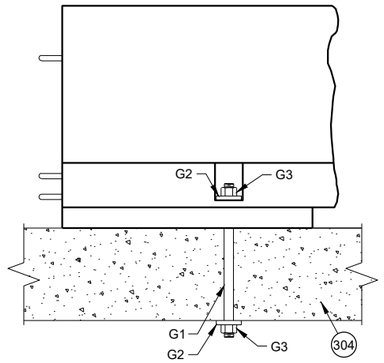
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT PAVEMENT



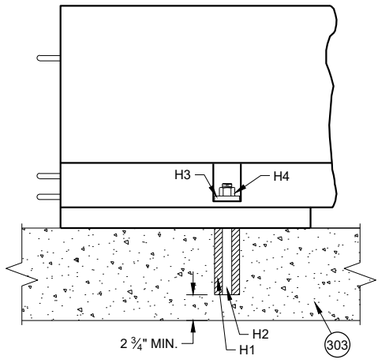
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT OVERLAY ON TOP OF CONCRETE PAVEMENT



SIDE VIEW

THROUGH BOLT ANCHOR INSTALLATION (305)



SIDE VIEW

ADHESIVE ANCHOR INSTALLATION (305)

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

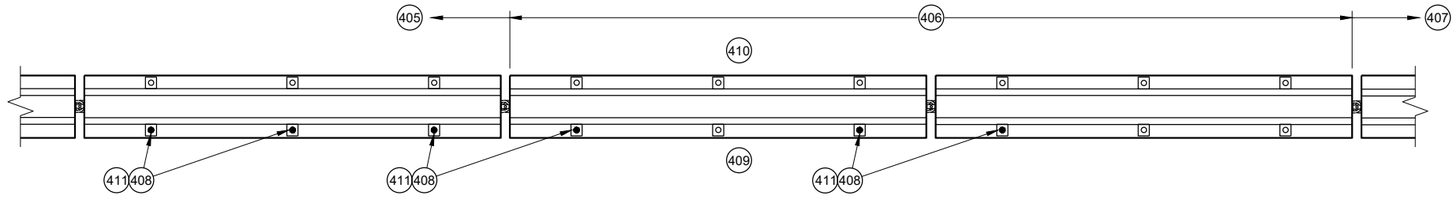
650

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SDD 14B07-16c

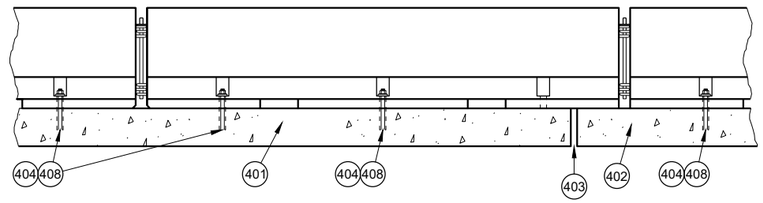
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SDD 14B07-16c



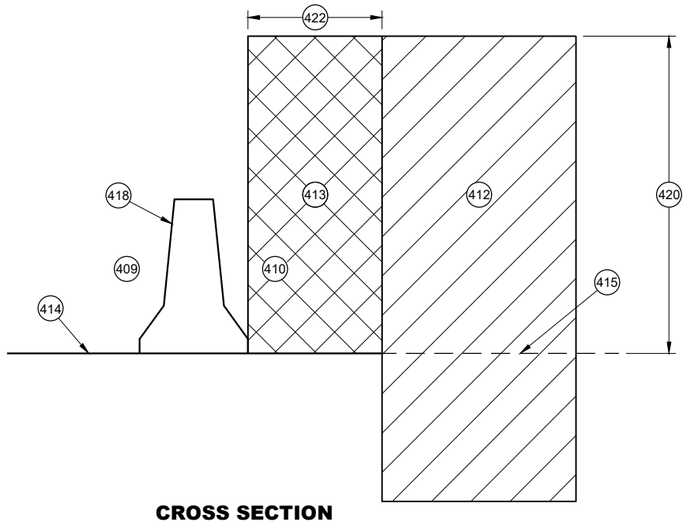
PLAN VIEW

TRANSITION FROM FREE STANDING TO ANCHORED BARRIER



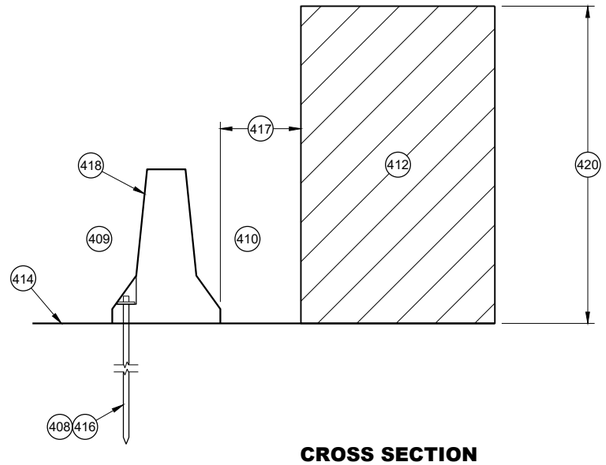
PROFILE VIEW

ANCHORED BARRIER NEAR EXPANSION JOINT (400)



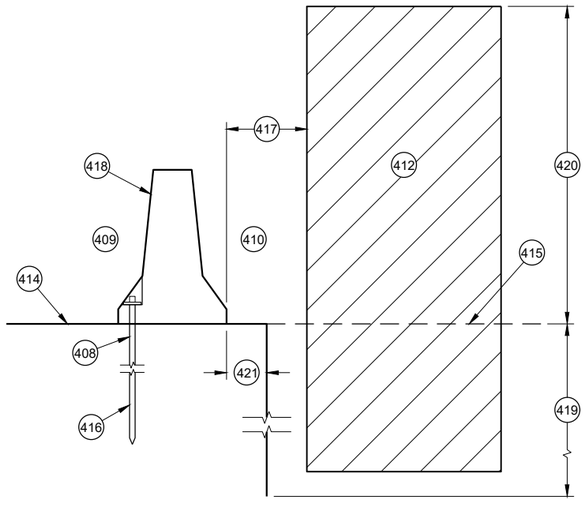
CROSS SECTION

FREE STANDING BARRIER



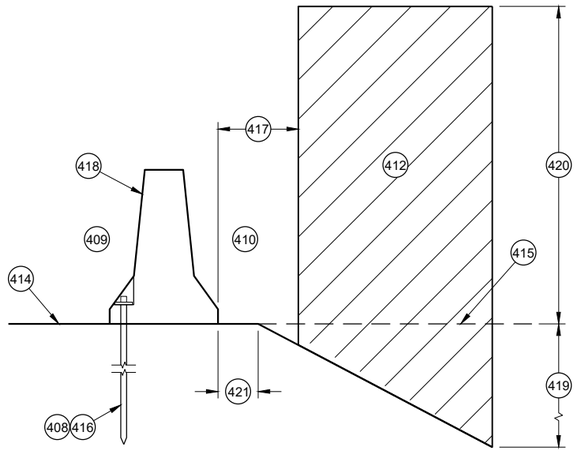
CROSS SECTION

ANCHORED BARRIER FOR OBJECTS ABOVE THE GRADE LINE AND NEAR THE BARRIER



CROSS SECTION

ANCHORED BARRIER NEAR VERTICAL DROP OFF



CROSS SECTION

ANCHORED BARRIER NEAR A SLOPE

GENERAL NOTES

(400) NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.

(401) CONCRETE DECK

(402) CONCRETE DECK OR APPROACH SLAB.

(403) EXPANSION JOINT

(404) ADHESIVE ANCHOR SHOWN. SEE ANCHOR DETAILS.

(405) ANCHORED TEMPORARY BARRIER

(406) TRANSITION FROM ANCHORED TEMPORARY BARRIER TO FREE STANDING

(407) FREE STANDING BARRIER

(408) REMOVE ALL ANCHORS WHEN NO LONGER NEEDED. FILL CONCRETE PAVEMENTS, DECKS AND APPROACH SLABS WITH NON-SHRINK COMMERCIAL GROUT FROM THE APPROVED PRODUCT LIST. FILL ASPHALT PAVEMENTS WITH ASTM D6690 TYPE II RUBBERIZED CRACK FILLER.

(409) TRAFFIC SIDE

(410) NON-TRAFFIC SIDE

(411) ANCHOR LOCATION. SEE ANCHORING DETAILS.

(412) WORK AREA

(413) AREA FREE OF OBJECTS AND WORKERS

(414) GRADE LINE

(415) EXTENDED GRADE LINE

(416) ANCHORED TEMPORARY BARRIER. SEE BOLT THROUGH DECK, REMOVABLE ADHESIVE ANCHOR, OR AN ASPHALT ANCHOR ROD DETAILS FOR MORE INFORMATION. ASPHALT ANCHOR ROD SHOWN.

(417) WHEN OBJECTS EXTEND ABOVE THE GRADE. A MINIMUM OF 1 FOOT IS REQUIRED FROM BACK OF BARRIER TO OBJECT.

(418) OBJECTS ARE NOT TO BE PLACED ON, MOUNTED TO, OR ALLOWED TO LEAN AGAINST THE BARRIER WITHOUT WRITTEN PERMISSION OF THE PROJECT ENGINEER.

(419) DEPTHS OF 3 FEET OR MORE.

(420) Y = 6.5'

(421) OFFSET FROM BACK OF BARRIER EDGE:

CONCRETE PAVEMENT	0.5'
ASPHALT	0.5'

(422) POSTED SPEED (MPH):

45 OR GREATER	4.0'
40 OR LOWER	2.0'

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07-16d

GENERAL NOTES

(500) EXISTING RIGID BARRIERS (VARIES)

(501) TEMPORARY BARRIER

(502) SEE OTHER DETAIL ON HOW TO ANCHOR TEMPORARY BARRIER (BARRIER ASPHALT ANCHOR SHOWN).

(503) ANCHORS ARE REQUIRED ON BOTH SIDE OF THE TEMPORARY BARRIER.

(504) NESTED RAILS ARE REQUIRED ON BOTH SIDES OF THE TEMPORARY BARRIER FOR ALL INSTALLATIONS.

(505) TRAFFIC TRAVELS FROM PERMANENT BARRIER TO TEMPORARY BARRIER.

(506) TRAFFIC TRAVELS FROM TEMPORARY BARRIER TO PERMANENT BARRIER.

(507) VERTICAL BARRIER

(508) SAFETY SHAPE BARRIER

(509) SINGLE SLOPE BARRIER

(510) CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF RIGID BARRIER.

(511) BENT THRIE BEAM TO FIT.

(512) THRIE BEAM PIECES ARE OFFSET 15 ¼" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.

(513) TWO (2) P1, P2 AND P3 ARE REQUIRED

(514) FIVE (5) N1, N2 AND N3 ARE REQUIRED

(515) TWO (2) R1, R2 AND R3 ARE REQUIRED

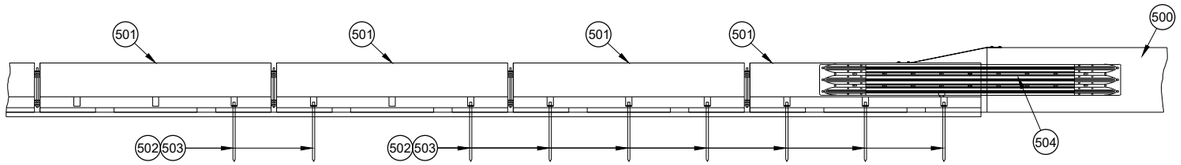
(516) CUT WOOD BLOCK TO FIT.

(517) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL ASSEMBLY.

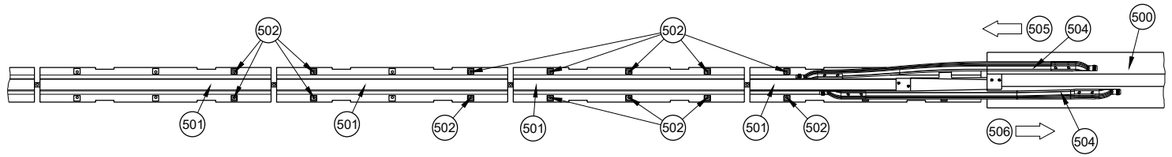
(518) CAP ASSEMBLY

(519) 4" MAX. GAP BETWEEN TEMPORARY BARRIER AND RIGID BARRIER.

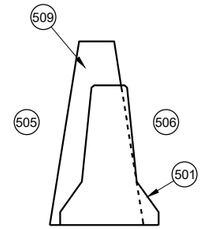
(520) ALL TWELVE SPLICE HOLES REQUIRE M1 AND M2



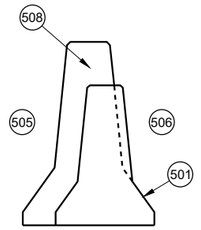
PROFILE VIEW



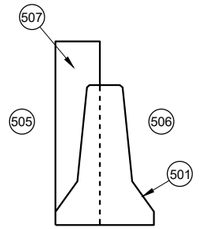
PLAN VIEW
TRANSITION TO RIGID BARRIER



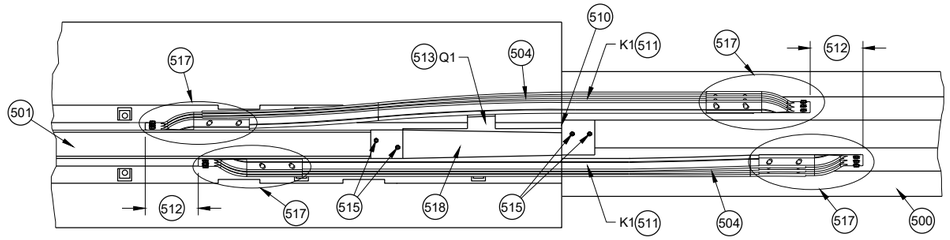
CROSS SECTION TEMPORARY BARRIER PLACEMENT SINGLE SLOPE



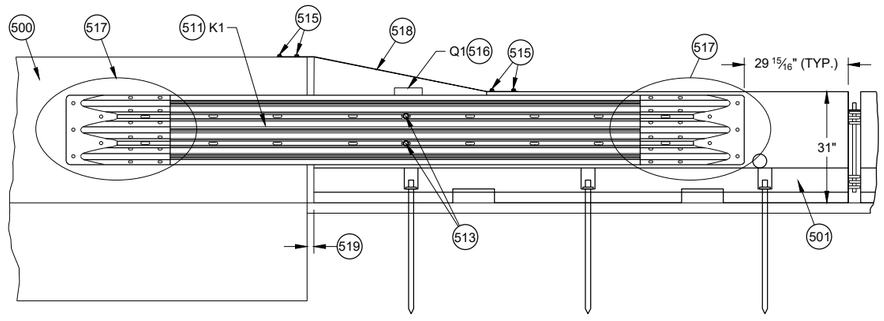
CROSS SECTION TEMPORARY BARRIER PLACEMENT SAFETY SHAPE



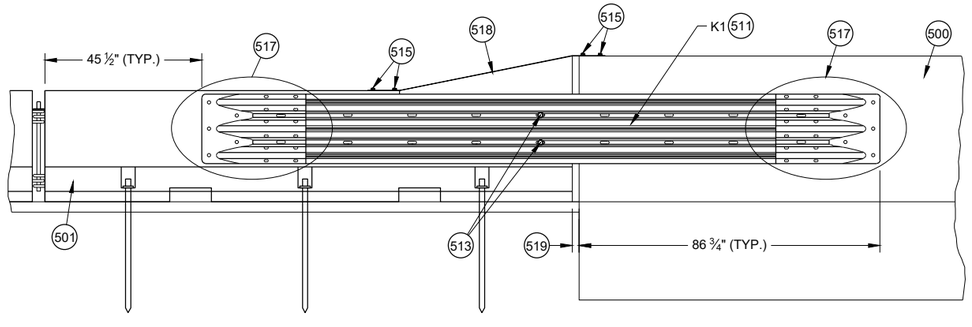
CROSS SECTION TEMPORARY BARRIER PLACEMENT VERTICAL



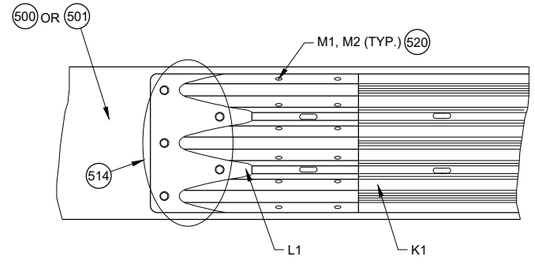
PLAN DETAIL VIEW
TRANSITION TO RIGID BARRIER



BACK DETAIL VIEW
TRANSITION TO RIGID BARRIER



FRONT DETAIL VIEW
TRANSITION TO RIGID BARRIER



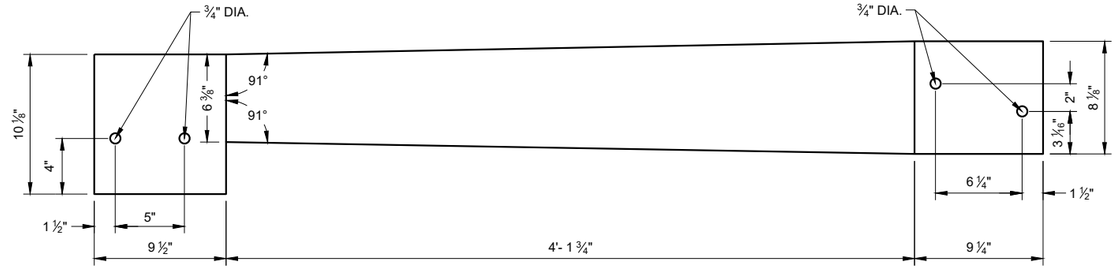
517 DETAIL PLAN VIEW
THRIE BEAM RAIL TERMINAL CONNECTOR ASSEMBLY

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

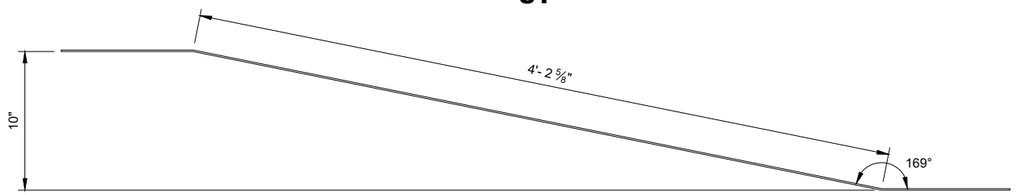
6

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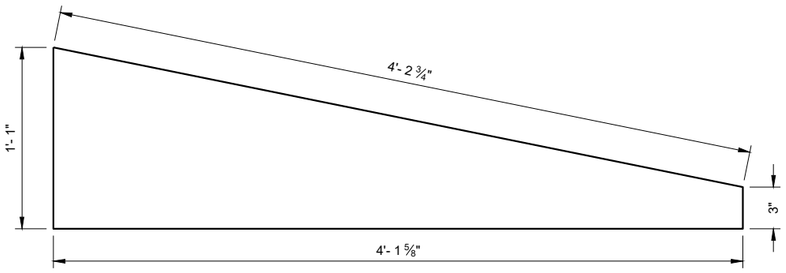
TOP VIEW

S1



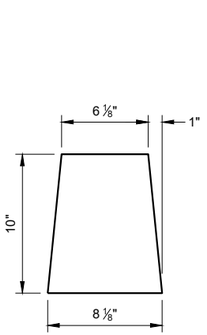
ELEVATION VIEW

S1

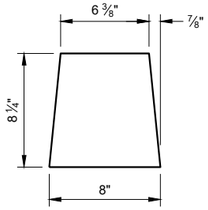


SIDE VIEW

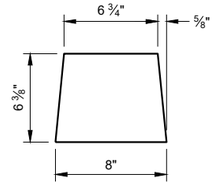
S3



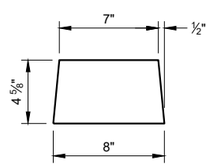
S2



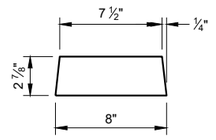
S4



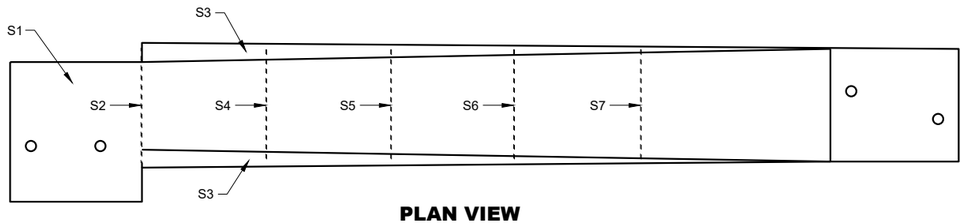
S5



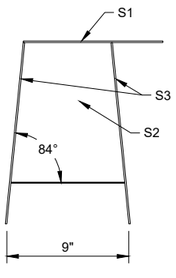
S6



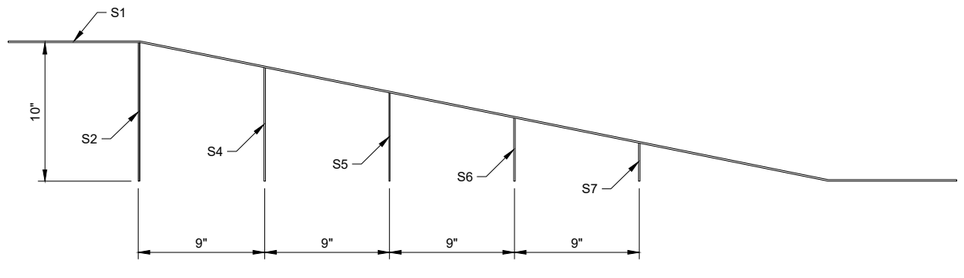
S7



PLAN VIEW



BACK VIEW



SIDE VIEW (600)

42" TOP CAP ASSEMBLY

GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THREE SIDES

STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

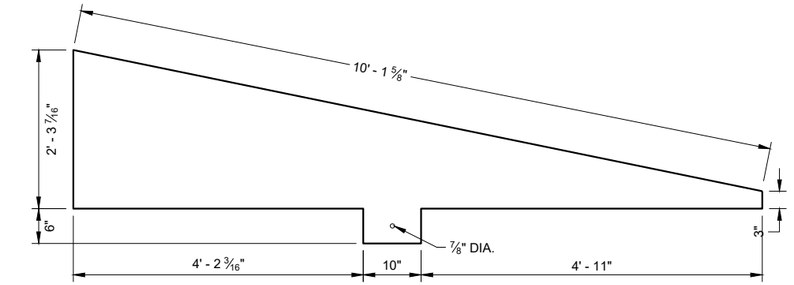
(600) SIDE PLATES (S3) NOT SHOWN FOR CLARITY.

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

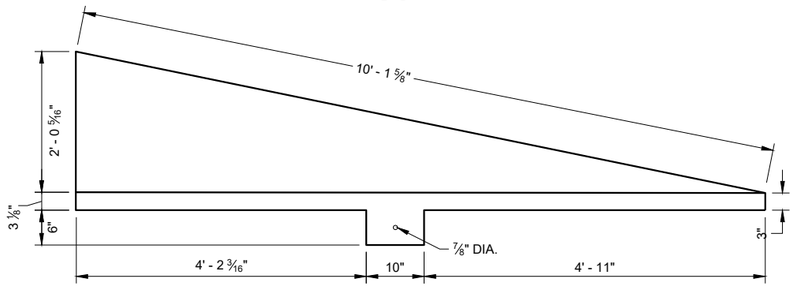
SDD 14B07-16f



SIDE VIEW
T4



END VIEW



SIDE VIEW
T3

END VIEW

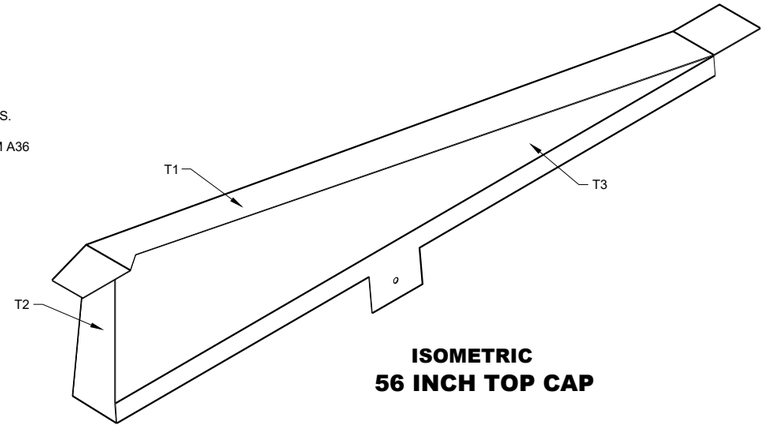
GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THRIE SIDES

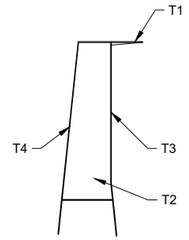
STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

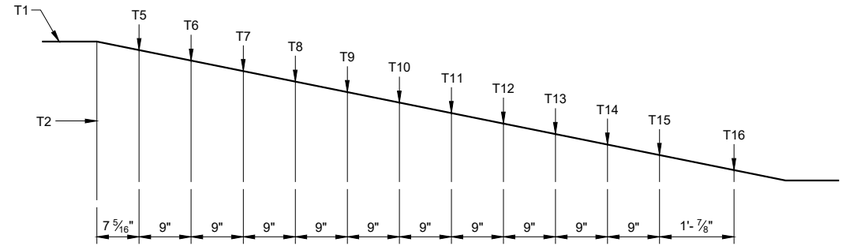
(700) SIDE PLATES (T3 AND T4) NOT SHOWN FOR CLARITY.



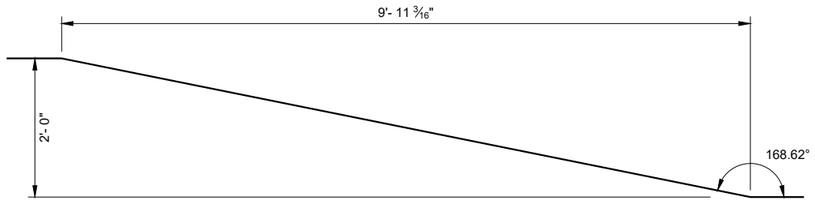
ISOMETRIC
56 INCH TOP CAP



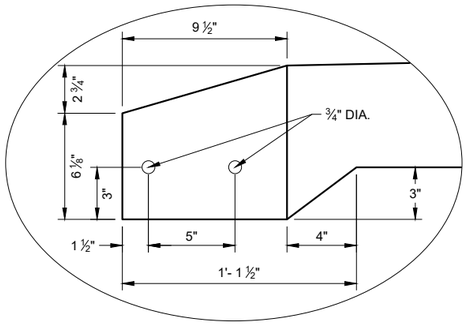
END VIEW
56 INCH TOP CAP



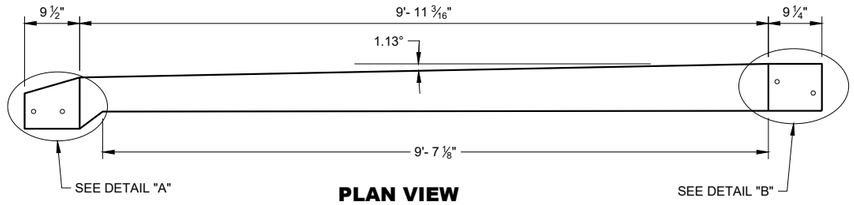
SIDE VIEW (700)
56 INCH TOP CAP



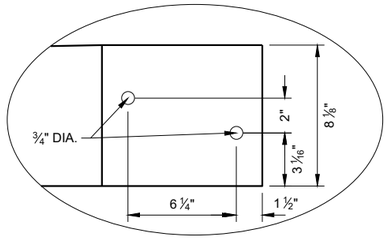
SIDE VIEW
TOP PLATE T1



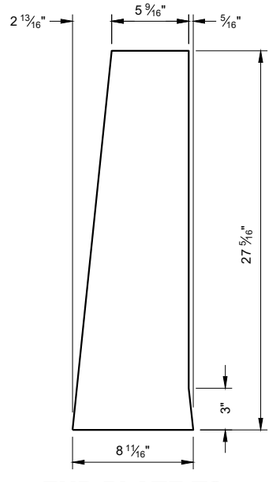
DETAIL "A"



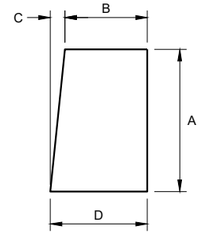
PLAN VIEW
TOP PLATE T1



DETAIL "B"



END PLATE T2



GUSSET PLATES
T5 - T16

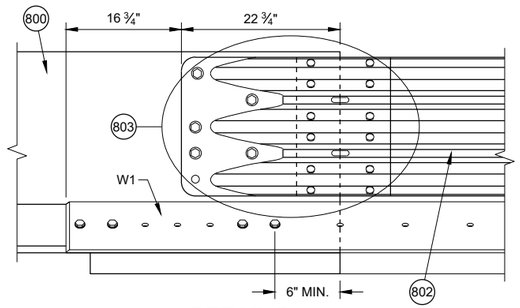
GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
T5	22 13/16"	5 1/16"	2 5/16"	8 1/16"
T6	21"	5 7/8"	2 3/16"	8 1/16"
T7	19 3/16"	6 1/16"	1 15/16"	8 1/16"
T8	17 3/8"	6 1/4"	1 13/16"	8 1/16"
T9	15 5/16"	6 7/16"	1 9/16"	8 1/16"
T10	13 3/4"	6 5/8"	1 7/16"	8 1/16"
T11	11 15/16"	6 13/16"	1 1/4"	8 1/16"
T12	10 1/8"	7"	1 1/16"	8 1/16"
T13	8 5/16"	7 3/16"	7/8"	8 1/16"
T14	6 1/2"	7 3/8"	1 1/16"	8 1/16"
T15	4 11/16"	7 9/16"	1/2"	8"
T16	2 7/8"	7 3/4"	1/4"	8"

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

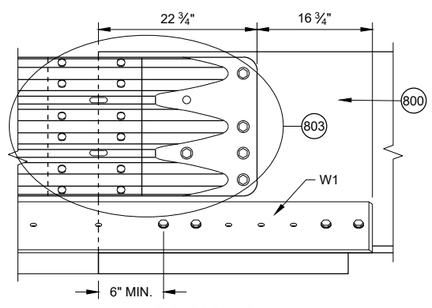
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

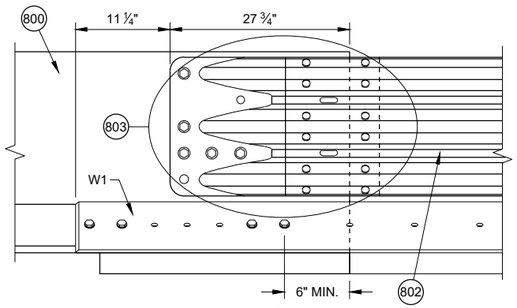
SDD 14B07-16g



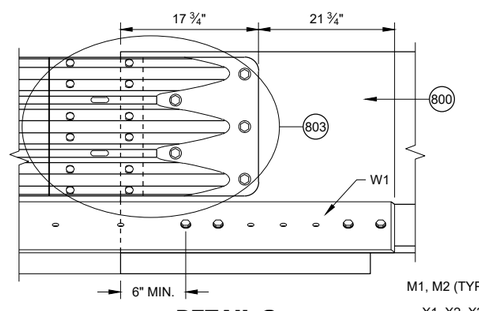
DETAIL D



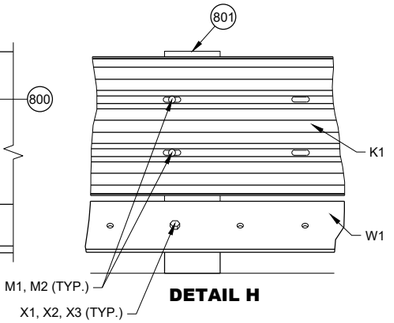
DETAIL E



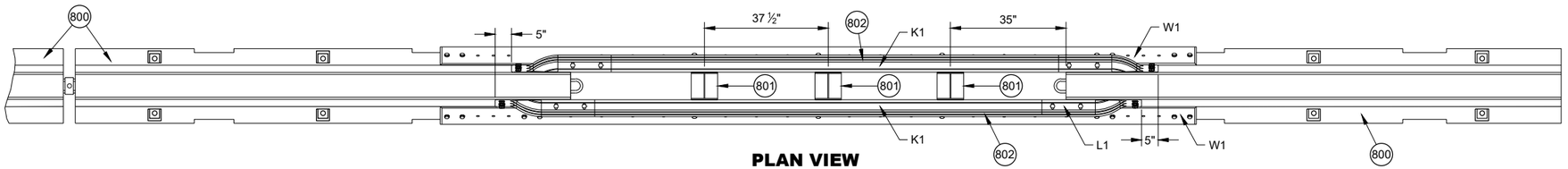
DETAIL F



DETAIL G



DETAIL H



PLAN VIEW

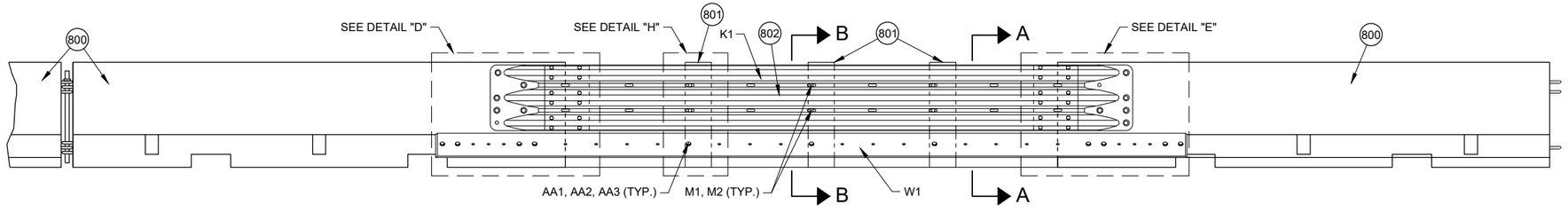
GENERAL NOTES

(800) FREE STANDING TEMPORARY BARRIER

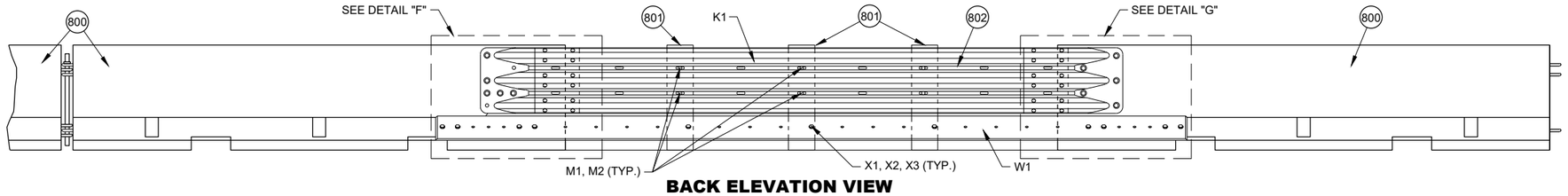
(801) GAP STIFFENER ASSEMBLY

(802) THRIE BEAMS ARE NESTED ON BOTH SIDES OF THE TEMPORARY BARRIER.

(803) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL



FRONT ELEVATION VIEW



BACK ELEVATION VIEW

PORTABLE CONCRETE BARRIER GAP THRIE BEAM COVER

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

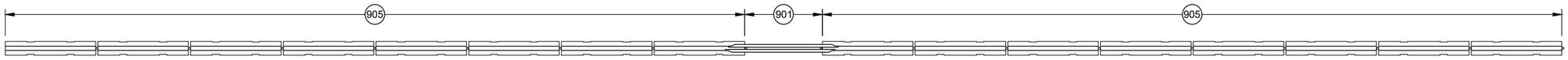
655

6

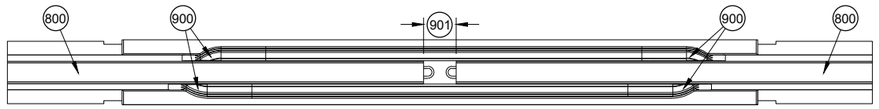
SDD 14B07-16h

6

SDD 14B07-16h



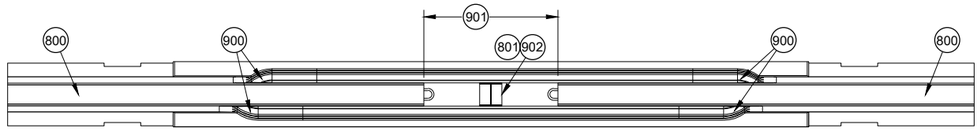
PLAN VIEW
GAP WITHIN SPACING



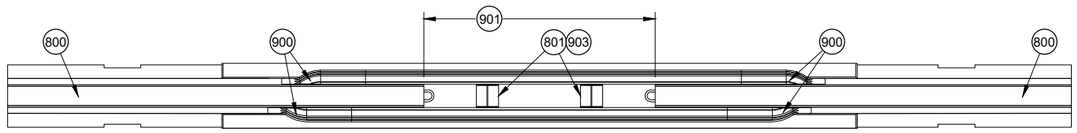
PLAN VIEW
TEMPORARY BARRIER GAP OVER 4" TO 1' MAX. (904)

GENERAL NOTES

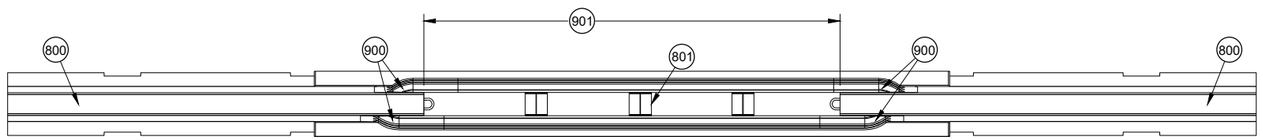
(900) SEE OTHER DETAILS FOR TEMPORARY GAP HARDWARE (TYP.)
(901) TEMPORARY BARRIER GAP
(902) GAP STIFFENER ASSEMBLY CENTERED IN THE GAP.
(903) GAP STIFFENER ASSEMBLY IS OFFSET 18 ¾" FROM CENTER
(904) MINIMUM NUMBER OF GAP STIFFENERS SHOWN FOR THE GAP RANGE SHOWN.
(905) MINIMUM OF 8 CONTINUOUS FREE STANDING TEMPORARY BARRIERS



PLAN VIEW
TEMPORARY BARRIER GAP OVER 1' TO 4' MAX. (904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 4' TO 7' MAX. (904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 7' TO 12.5' MAX. (904)

6

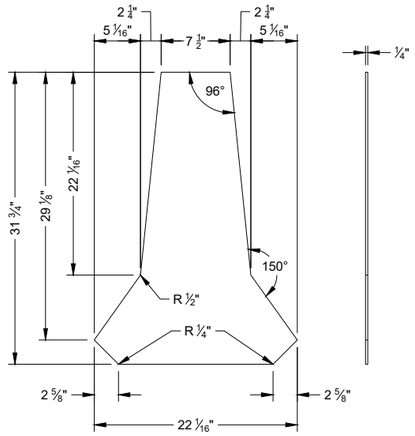
SDD 14B07-16i

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

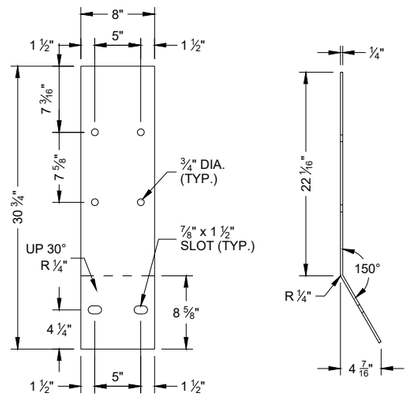
6

SDD 14B07-16i



PROFILE VIEW SIDE VIEW

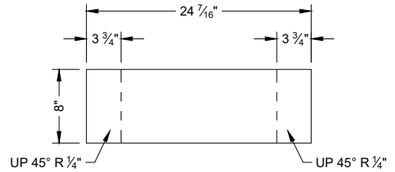
STIFFENER ASSEMBLY CENTER PANEL U1



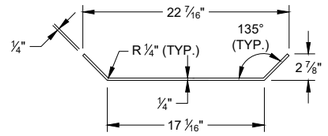
FLAT PATTERN

SIDE VIEW

STIFFENER ASSEMBLY SIDE PANEL U2

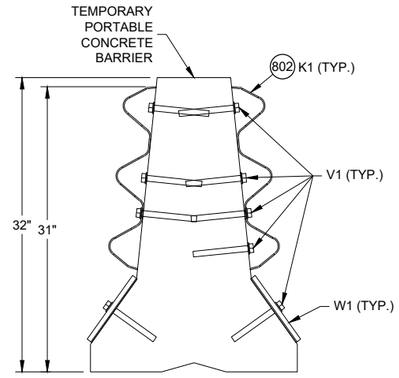


FLAT PATTERN

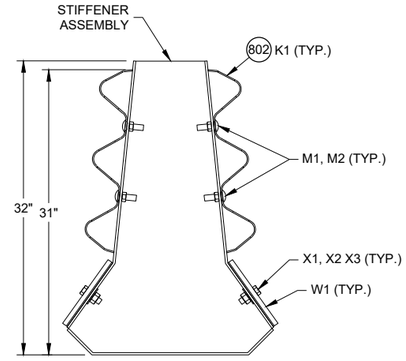


PROFILE VIEW

STIFFENER ASSEMBLY BOTTOM PANEL U3

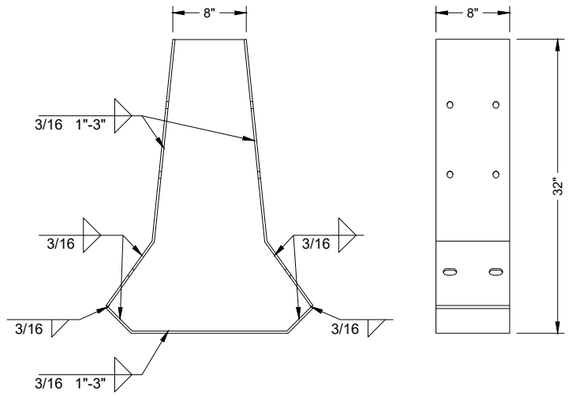


SECTION A - A



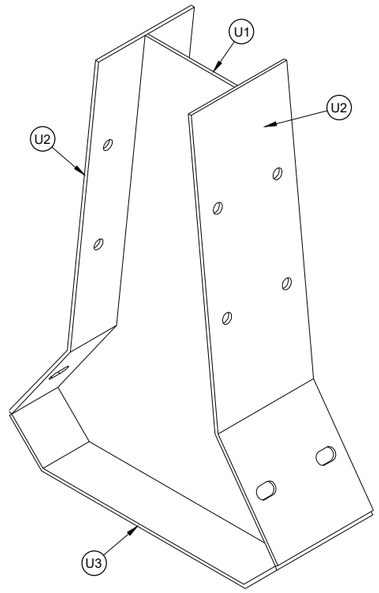
SECTION B - B

PLAN VIEW



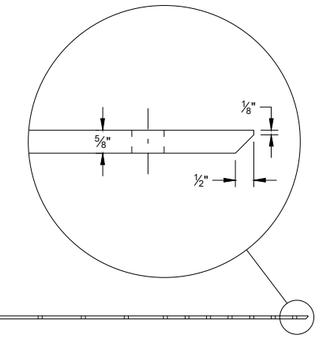
PROFILE VIEW

SIDE VIEW

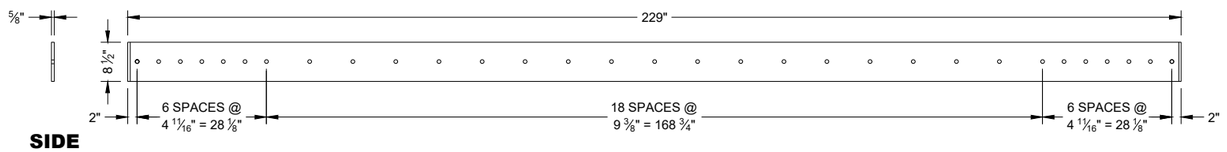


ISOMETRIC

GAP STIFFENER ASSEMBLY



PLAN VIEW



SIDE VIEW

ELEVATION VIEW

W1 TOE PLATE

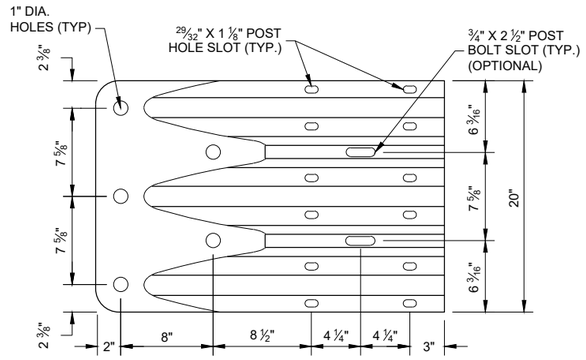
6

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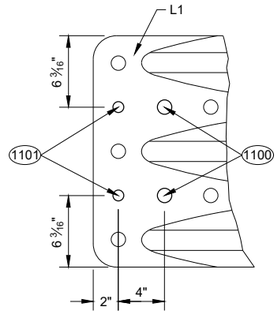
SDD 14B07-16j

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"



ELEVATION VIEW

THRIE BEAM TERMINAL CONNECTOR



ELEVATION VIEW

ADDITIONAL THRIE BEAM (1102) TERMINAL CONNECTOR HOLE DETAIL

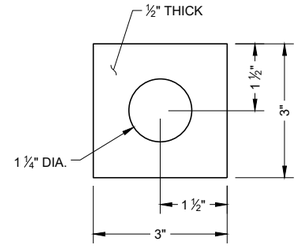


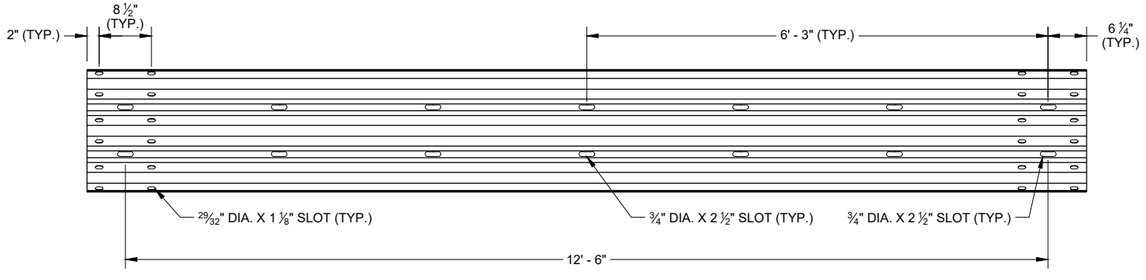
PLATE WASHER DETAIL G2, H3

GENERAL NOTES

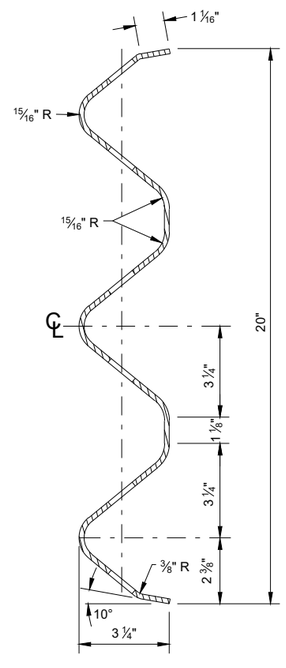
(1100) 1" DIA. HOLE

(1101) 3/4" DIA. HOLE

(1102) PROVIDE HOLES IN THRIE BEAM TERMINAL CONNECTOR TO LIMIT STEEL REINFORCEMENT OR LOOP BAR CONFLICT. CONTRACTOR MAY FIELD DRILL ADDITIONAL HOLE OR PROVIDE THRIE BEAM TERMINAL CONNECTOR WITH ADDITIONAL HOLES FROM SUPPLIER.



SLOTTED THRIE BEAM RAIL K1



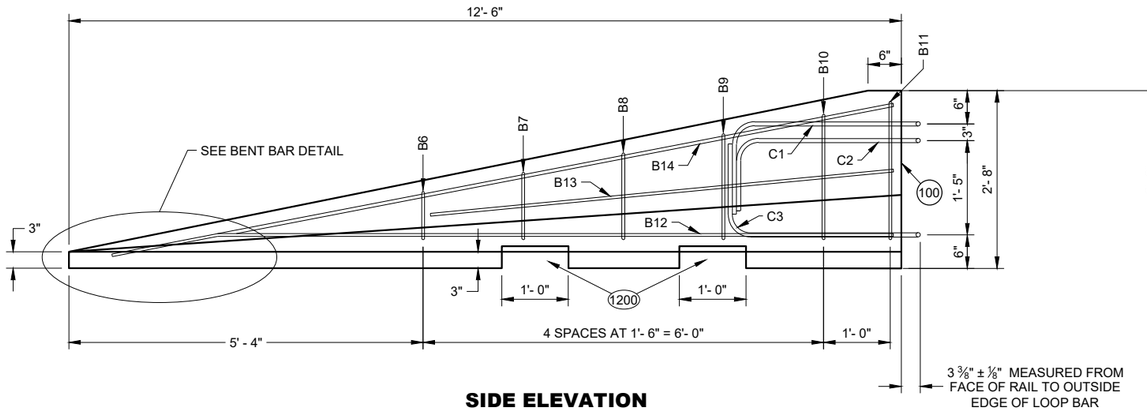
SECTION THROUGH BEAM K1

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

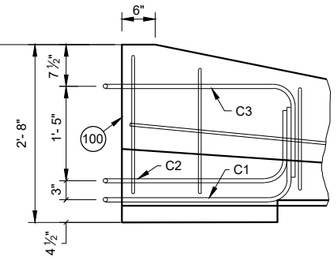
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07-16k



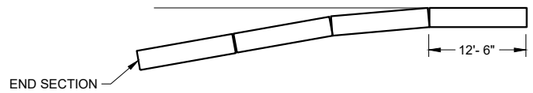
SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED FOR OPPOSITE END
(FOR CONNECTION TO RIGHT END OF BARRIER)

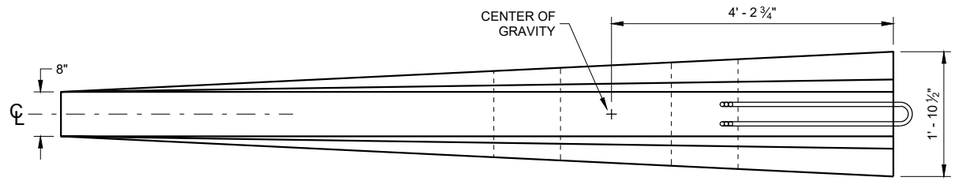
GENERAL NOTES

(1200) SEE LIFTING SLOT DETAIL. LOCATION OF LIFTING SLOTS DETERMINED BY CONTRACTOR.

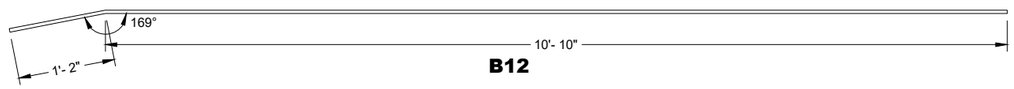


FLARE AT BARRIER END

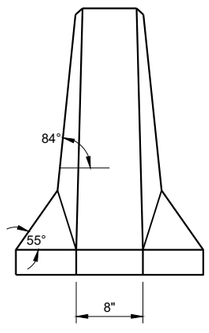
POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1



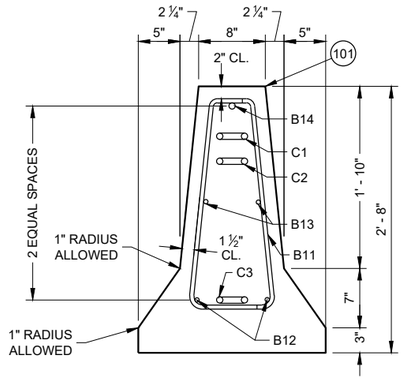
PLAN VIEW



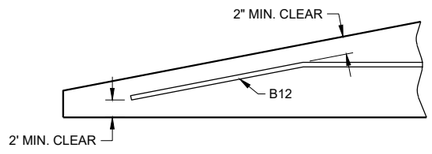
B12



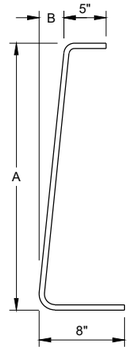
FRONT ELEVATION



END SECTION



BENT BAR DETAIL



BAR	A	B
B6	10"	1"
B7	1'- 1"	1 ¼"
B8	1'- 5"	1 ⅝"
B9	1'- 8"	1 ⅞"
B10	2'- 0 ½"	2 ⅜"
B11	2'- 3"	2 ¾"

B BARS
2 OF EACH SIZE REQUIRED FOR STIRRUP ASSEMBLY

DETAILS OF BARRIER TAPER SECTION

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07-16I

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	PRECAST TEMPORARY BARRIER - CONCRETE	MIN. = f'c 5000 PSI	
B1	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B2	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-2"
B3	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B4	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 6'-0"
B5	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#6 REBAR, LENGTH 2'-11"
B6	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 1'-11"
B7	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-2"
B8	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-6"
B9	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-9"
B10	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-2"
B11	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-4"
B12	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-0"
B13	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 7'-9"
B14	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 11'-9"
C1	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C2	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C3	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
D1	CONNECTION PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ¼" DIA.
D2	CONNECTION PIN - TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G1	BOLT THROUGH ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A OR SAE J429 GRADE 2 UNC	1 ⅛" DIA.
G2	BOLT THROUGH ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G3	BOLT THROUGH ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
H1	ADHESIVE ANCHOR - ADHESIVE	ICC-ES-AC308 5 ¼" EMBEDMENT WITH A MIN. BOND STRENGTH OF 1,650 PSI. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
H2	ADHESIVE ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A / SAE J429 GRADE 2 UNC	1 ⅛" DIA.
H3	ADHESIVE ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
H4	ADHESIVE ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
J1	ASPHALT ANCHOR PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ½" DIA.
J2	ASPHALT ANCHOR PIN - STOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
K1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE
L1	THRIE BEAM RAIL - TERMINAL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
M1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	⅝" DIA.
M2	SPLICE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
N1	THRIE BEAM RAIL TERMINAL - MECHANICAL ANCHOR	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA. LENGTH 6"
N2	THRIE BEAM RAIL TERMINAL - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
N3	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
P1	THRIE BEAM RAIL CONNECTION 1-BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA.
P2	THRIE BEAM RAIL CONNECTION 1-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
P3	THRIE BEAM RAIL CONNETION 1- MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
Q1	BLOCK WOOD	SEE STANDARD SPEC. 614	
R1	CAP - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	⅝" DIA.
R2	CAP- BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
R3	CAP - BOLT - MECHANICAL ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	12 GAUGE
S1	CAP 42-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S2	CAP 42-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S3	CAP 42-INCH SIDE PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S4	CAP 42-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S5	CAP 42-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S6	CAP 42-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S7	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE

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SDD 14B07-16m

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B07-16m

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
T1	CAP 56-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T2	CAP 56-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T3	CAP 56-INCH SIDE PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T4	CAP 56-INCH SIDE PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T5	CAP 56-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T6	CAP 56-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T7	CAP 56-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T8	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T9	CAP 42-INCH GUSSET 5	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T10	CAP 42-INCH GUSSET 6	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T11	CAP 42-INCH GUSSET 7	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T12	CAP 42-INCH GUSSET 8	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T13	CAP 42-INCH GUSSET 9	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T14	CAP 42-INCH GUSSET 10	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T15	CAP 42-INCH GUSSET 11	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T16	CAP 42-INCH GUSSET 12	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
U1	GAP STIFFENER	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U2	GAP STIFFENER - CONNECTOR PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U3	GAP STIFFENER - CONNECTOR PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
V1	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 24.0 KIPS AND ULTIMATE SHEAR LOAD 21.5 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	¾" DIA.
V2	GAP STIFFENER - BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C O R MECHANICAL GALVANIZE TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
W1	TOE PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
X1	TOE PLATE - CONNECTION BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC HEAVY HEX HEAD OR AASTHO M180 HEAD, ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED. PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	¾" DIA.
X2	TOE PLATE - CONNECTION BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1 (HARDEN WASHER ONLY)	
X3	TOE PLATE - CONNECTION BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	

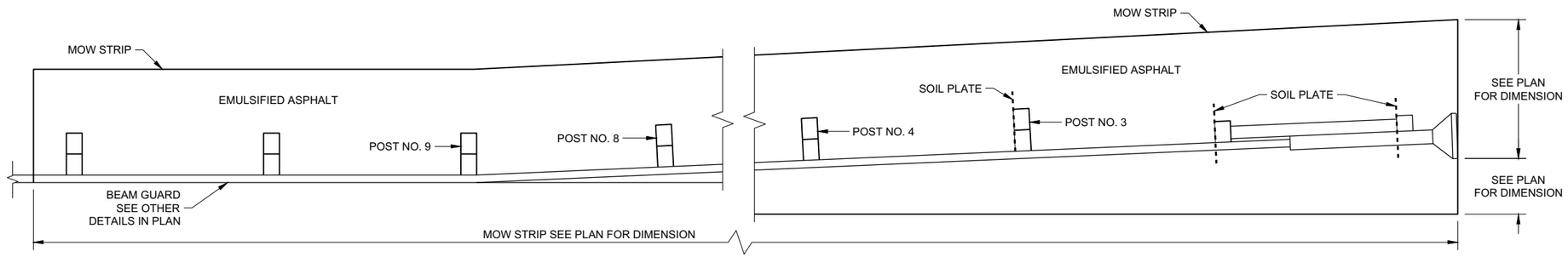
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

SDD 14B07-16n



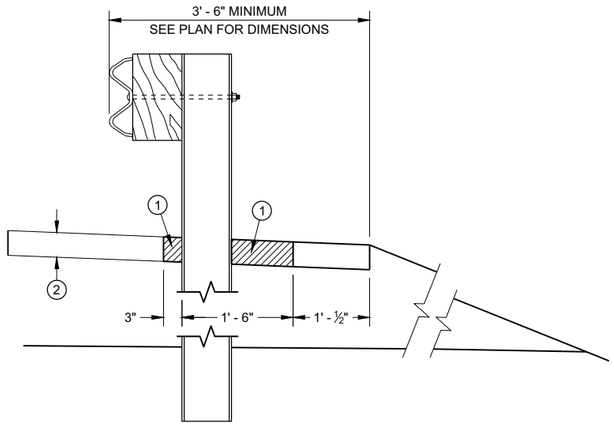
PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABSORBING TERMINAL

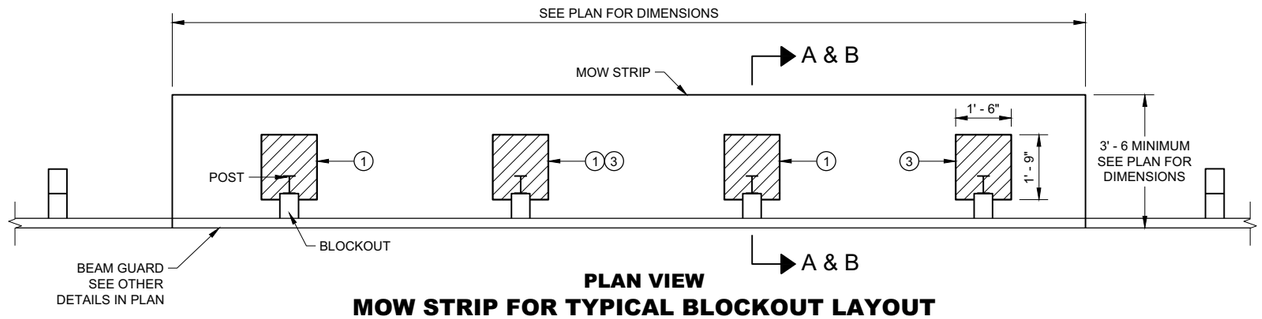
GENERAL NOTES

ONLY USE STEEL POSTS IN CONCRETE AND ASPHALT MOW STRIPS.

1. CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.
2. DEPTH OF MOW STRIP:
   ASPHALT - 4"
   CONCRETE - 4"
   EMULSIFIED ASPHALT - 1" OR LESS
3. FOR EMULSIFIED ASPHALT, MOW STRIP STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS)

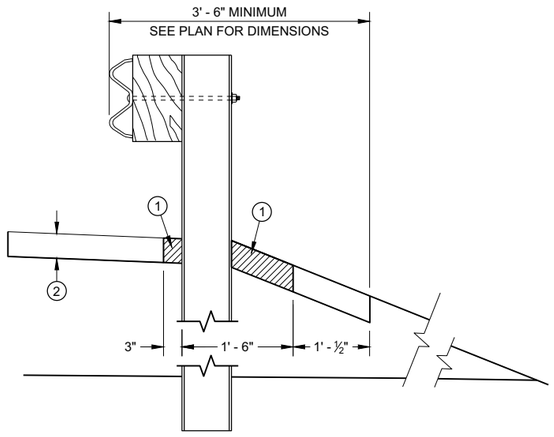


SECTION A - A

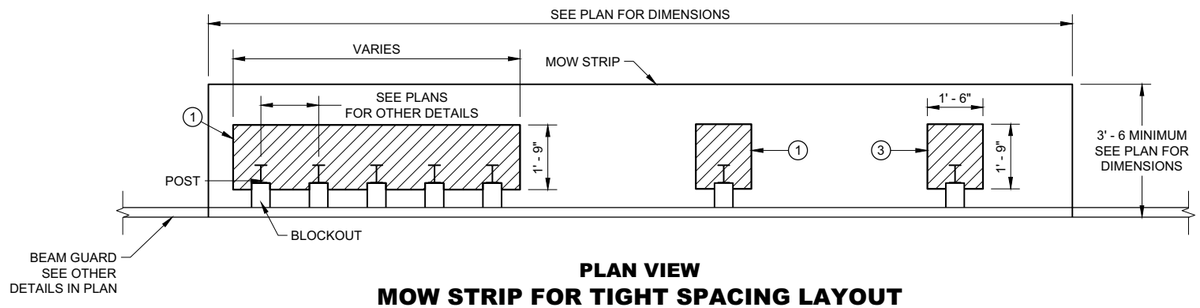


PLAN VIEW

MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT

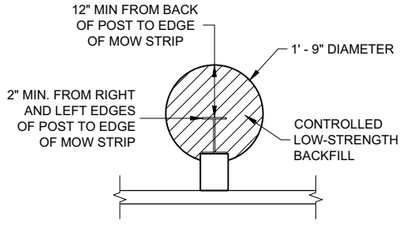


SECTION B - B

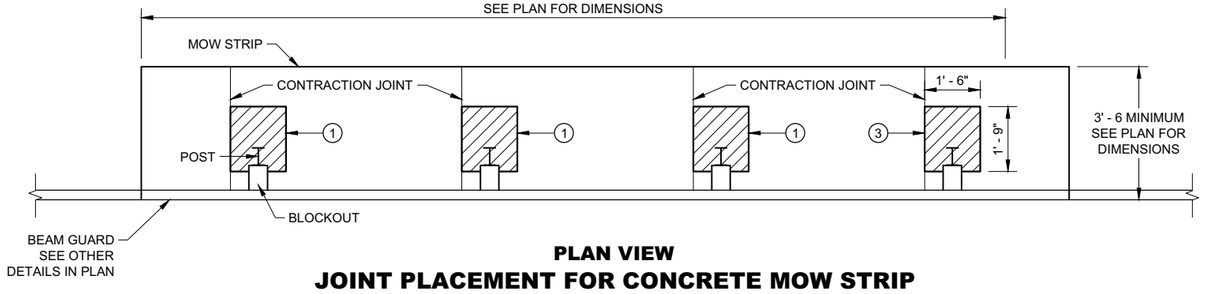


PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



ALTERNATIVE HMA MOW STRIP DESIGN



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B28 - 04a

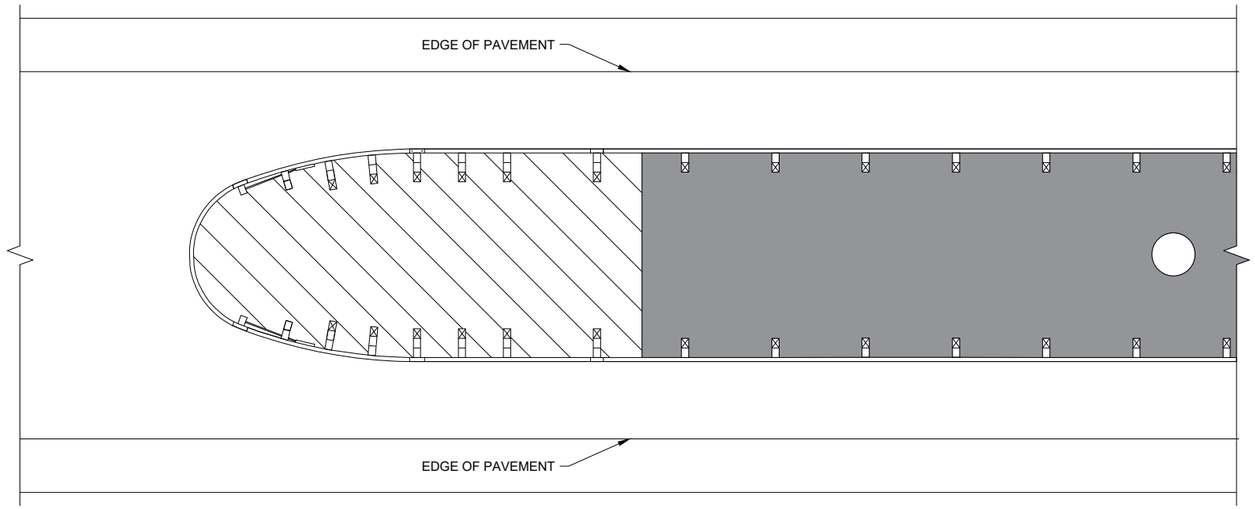
LEGEND

CONCRETE, ASPHALT, OR EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

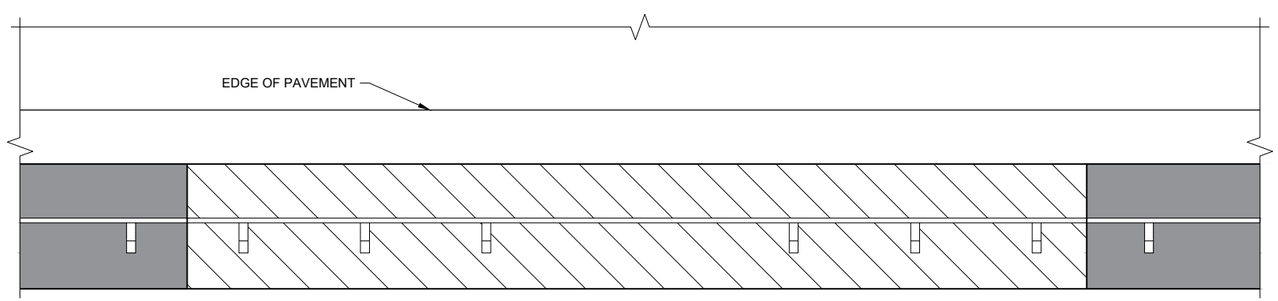
EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

GENERAL NOTES

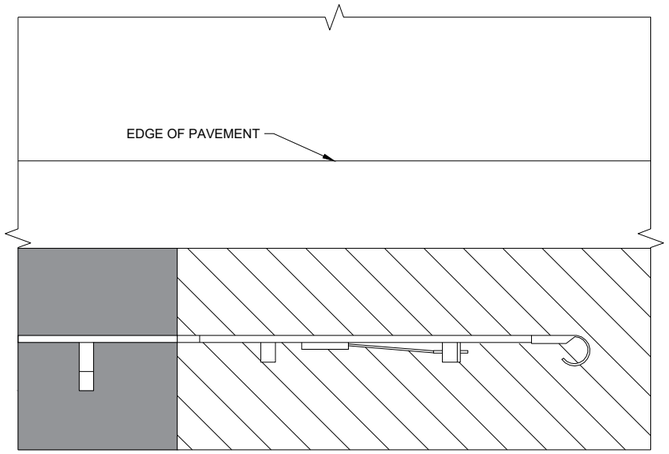
EXISTING THRIE BEAM BULLNOSES MAY HAVE WOOD POSTS. NEW THRIE BEAM BULLNOSE WILL HAVE STEEL POSTS.



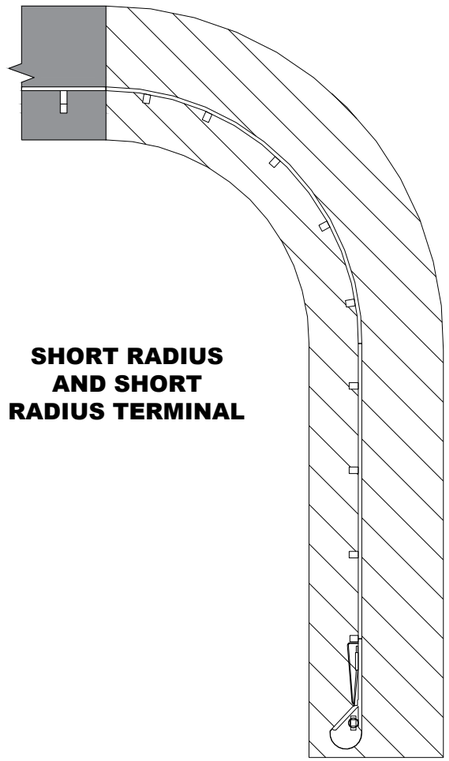
THRIE BEAM BULLNOSE



LONG - SPAN



TYPE 2 TERMINAL



SHORT RADIUS AND SHORT RADIUS TERMINAL

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

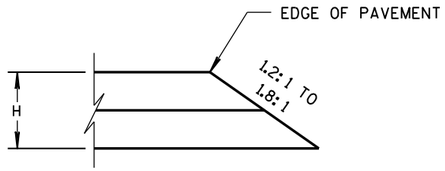
663

6

SDD 14B28 - 04b

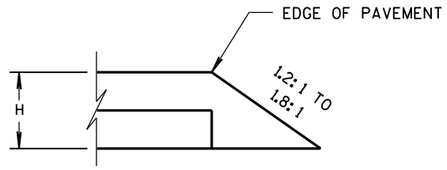
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SDD 14B28 - 04b



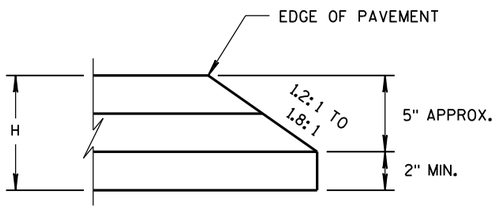
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



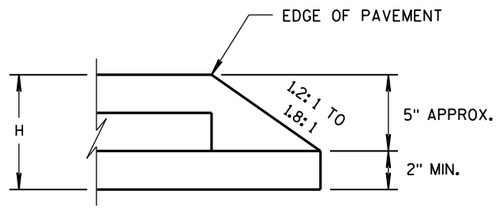
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

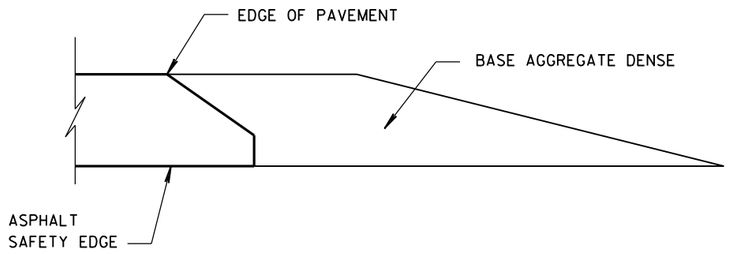
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

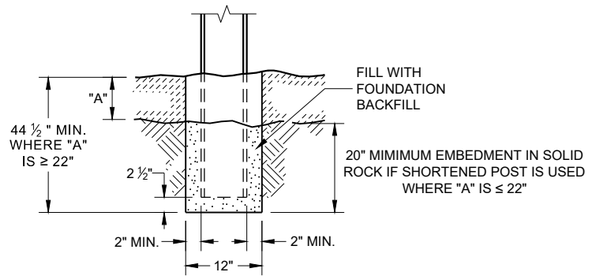
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

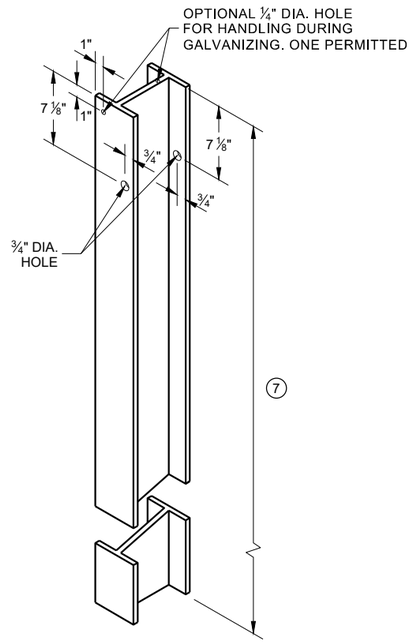
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

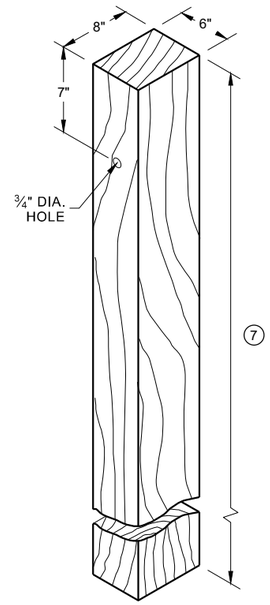
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



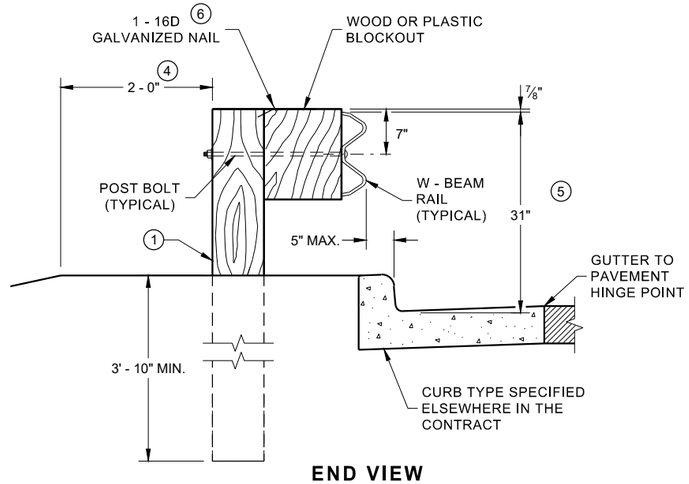
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



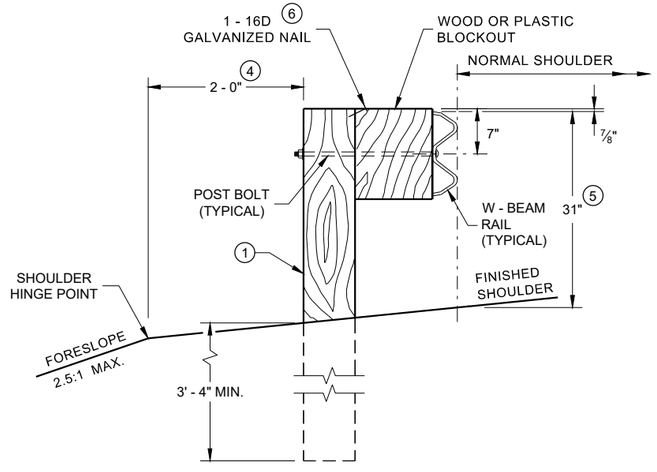
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



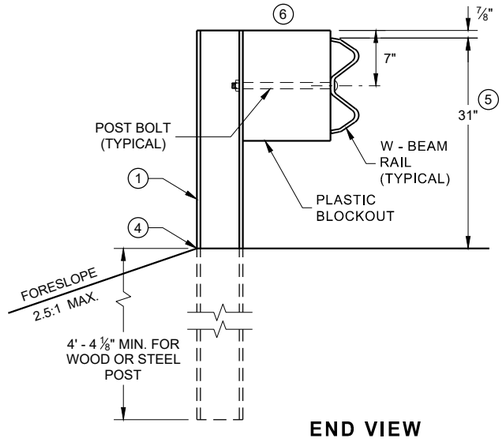
WOOD POST (6" X 8") NOMINAL (1)



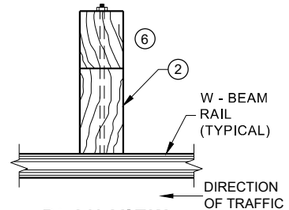
END VIEW
LOCATED ALONG A CURBED ROADWAY



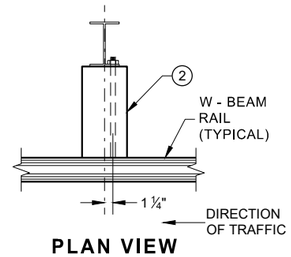
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



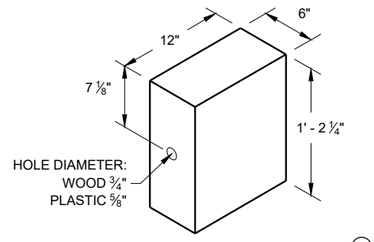
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



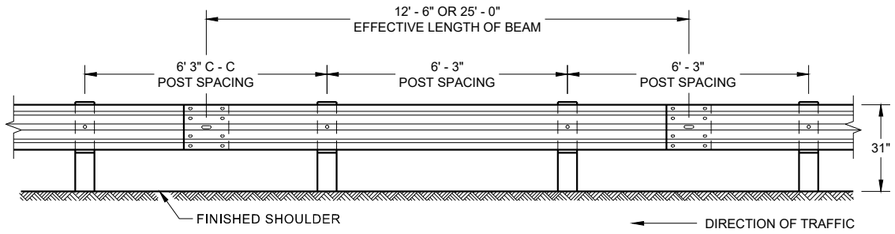
PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



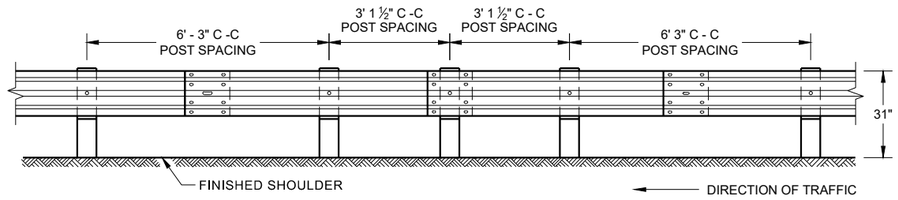
WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

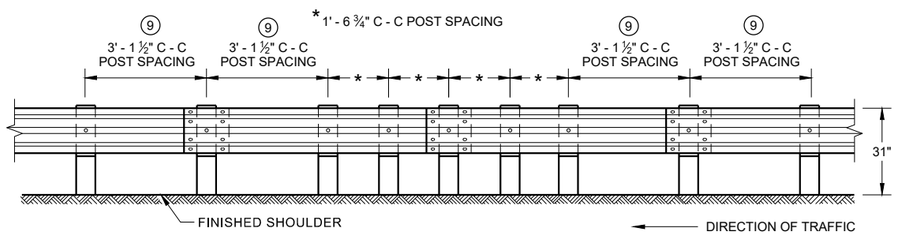
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



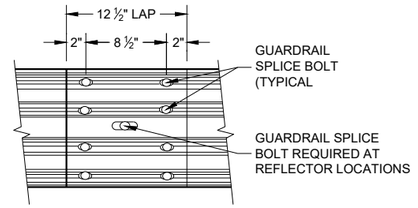
FRONT VIEW
POST SPACING STANDARD INSTALLATION



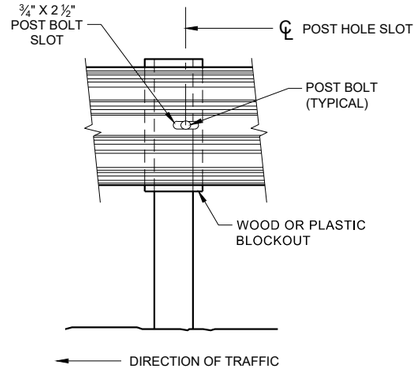
FRONT VIEW
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



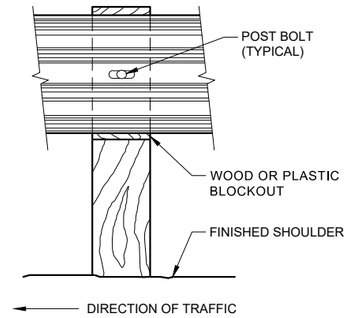
FRONT VIEW
QUARTER POST SPACING (QS)



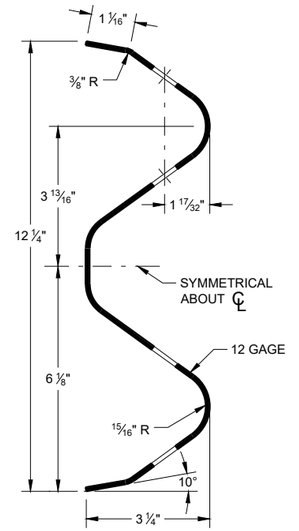
FRONT VIEW
MID-SPAN BEAM SPLICE



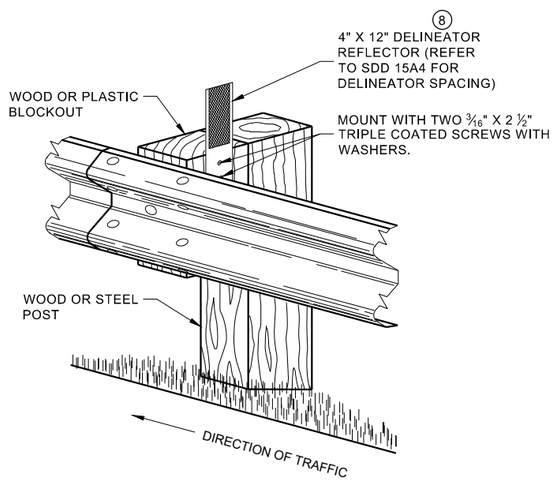
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

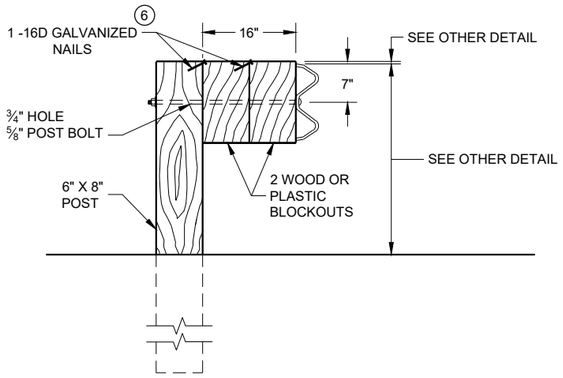
POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
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SDD 14B42 - 07b

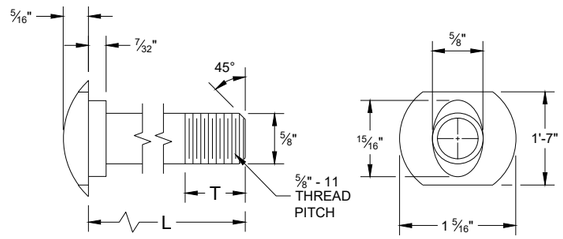


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

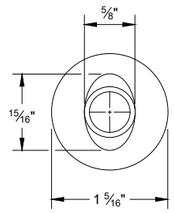
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

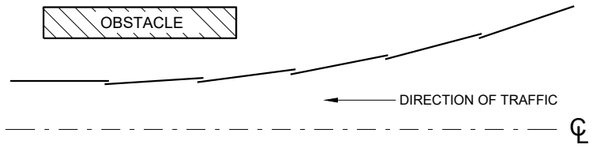


POST BOLT TABLE

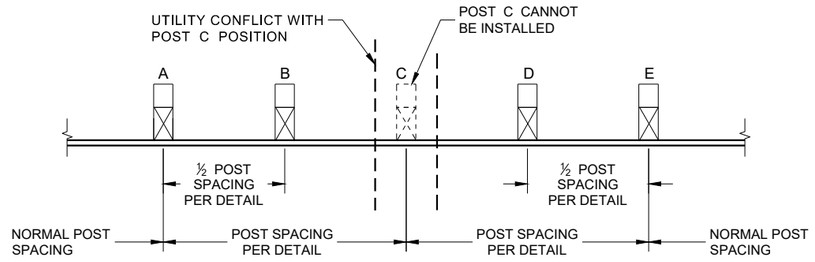
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



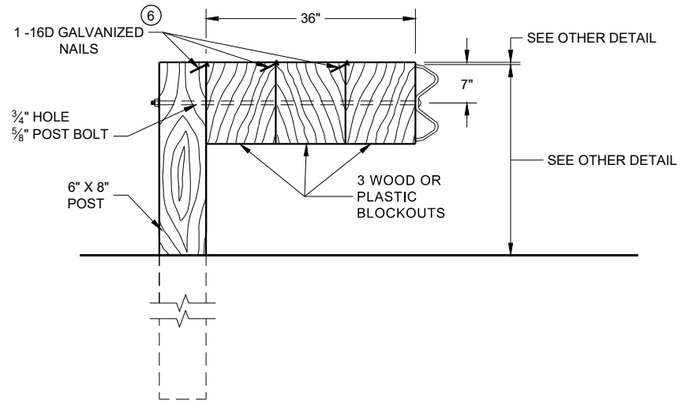
ALTERNATE BOLT HEAD



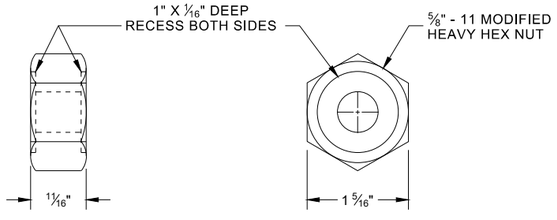
PLAN VIEW
BEAM LAPPING DETAIL



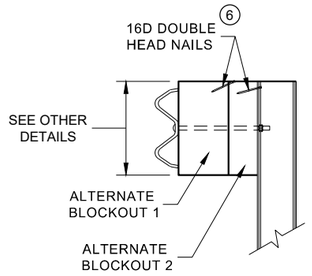
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



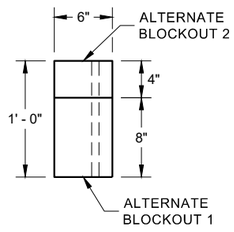
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

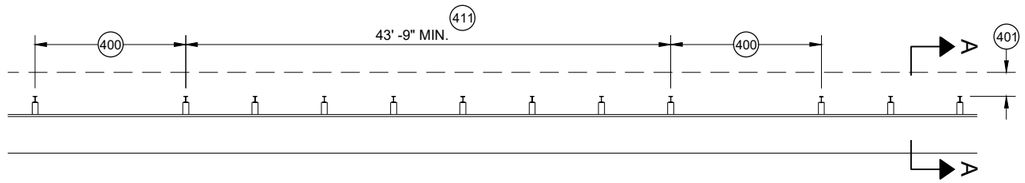
(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

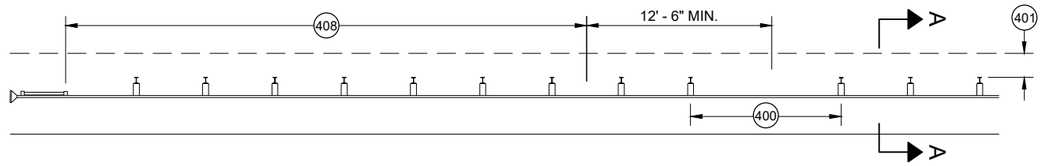
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

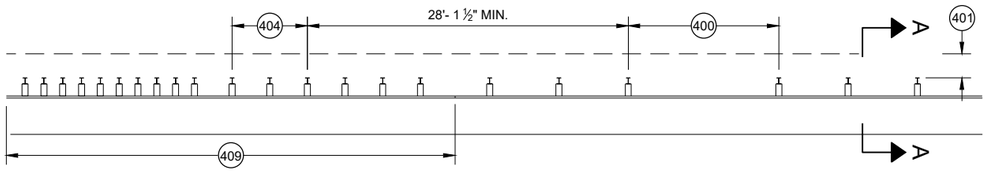
SDD 14B42 - 07c



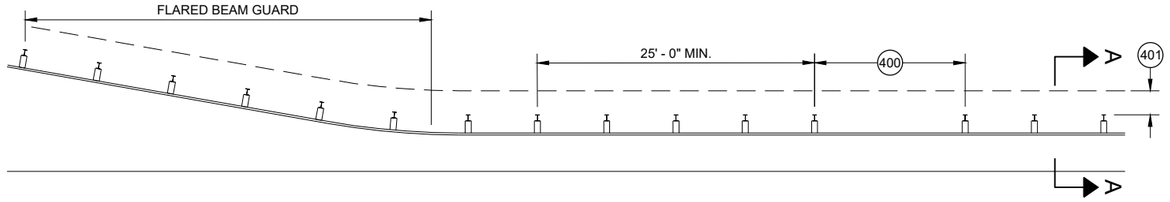
MISSING POST IN MGS GUARDRAIL



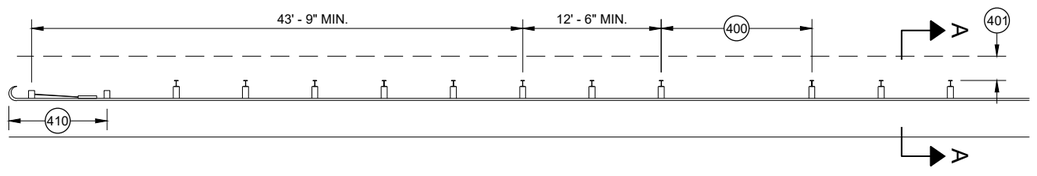
MISSING POST IN MGS GUARDRAIL NEAR EAT



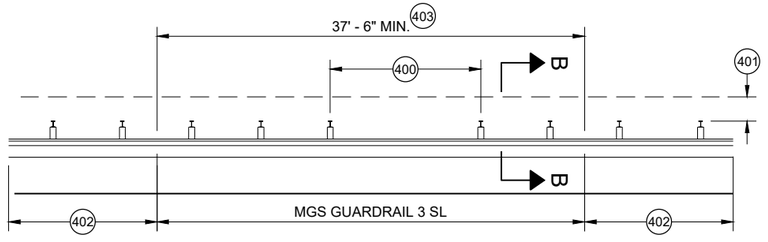
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

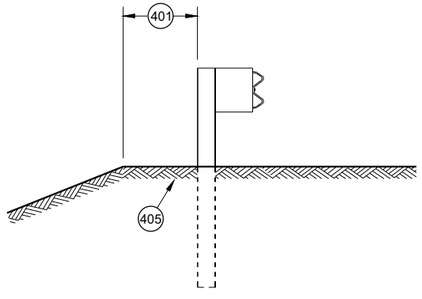


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

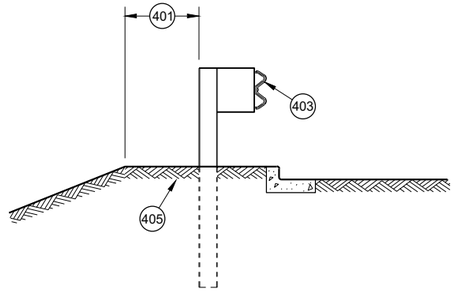


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

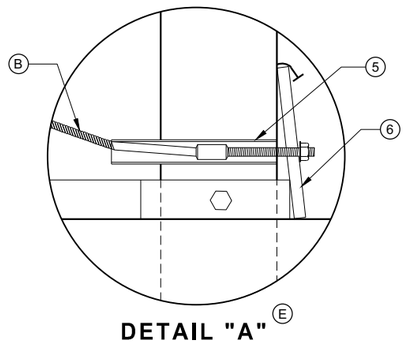
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

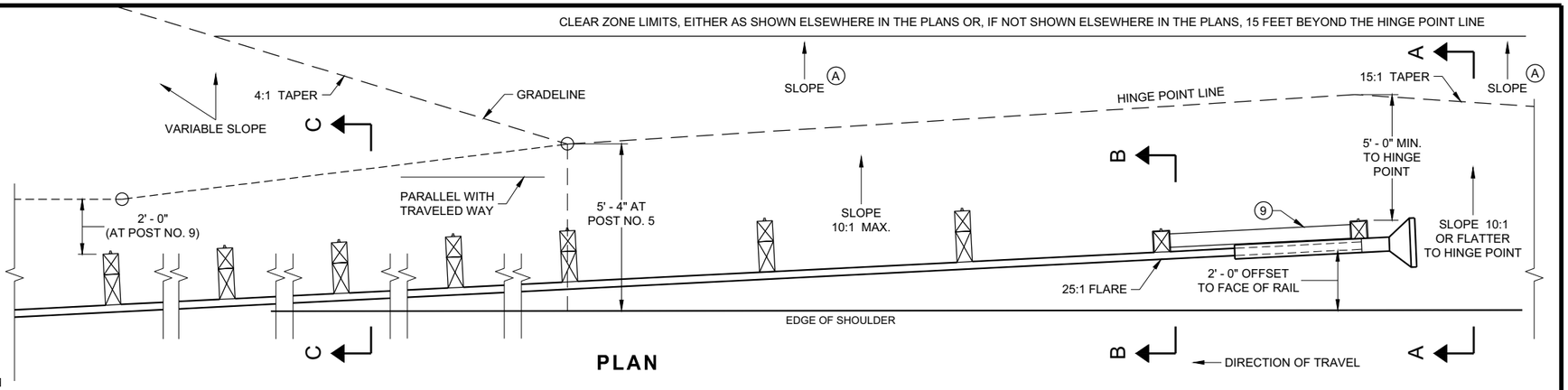
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

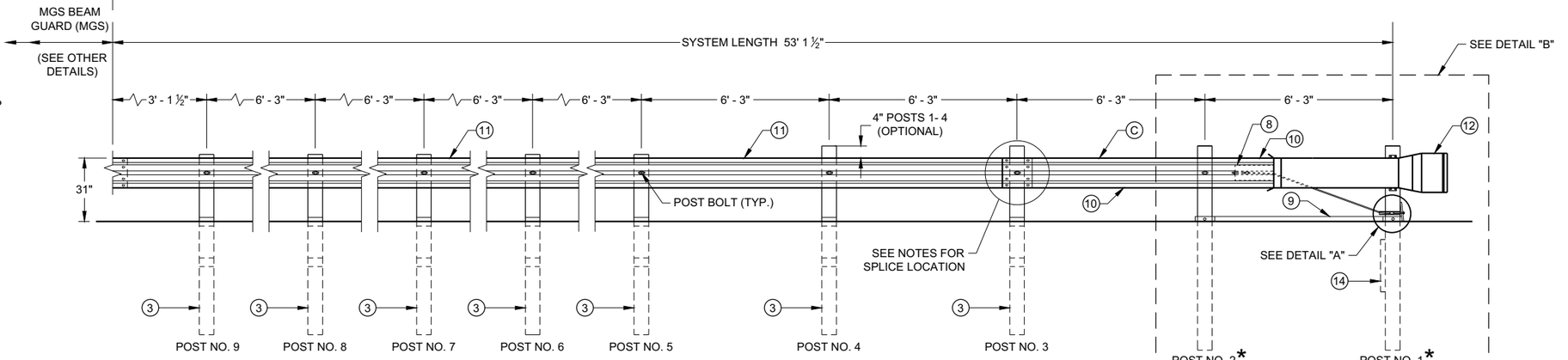
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



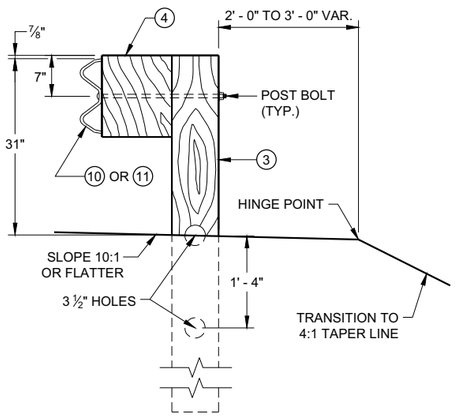
DETAIL "A" (E)



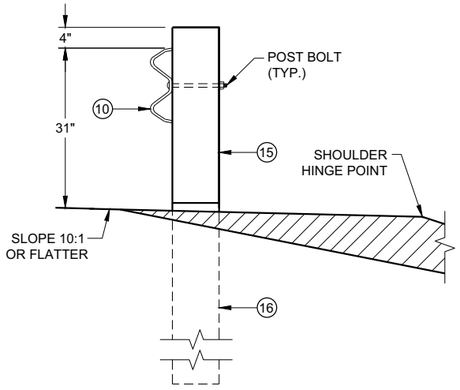
PLAN



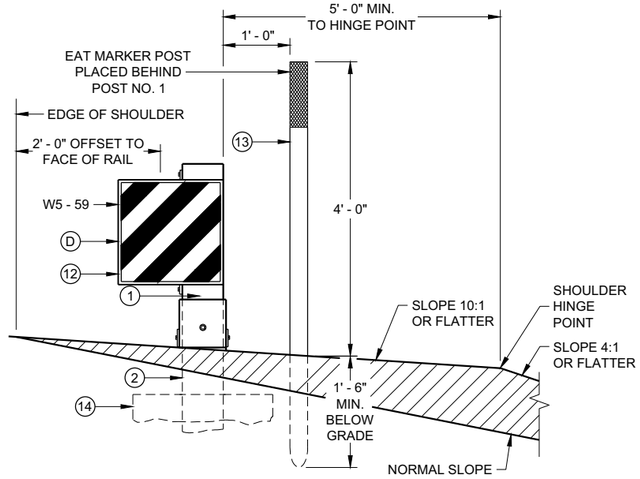
ELEVATION



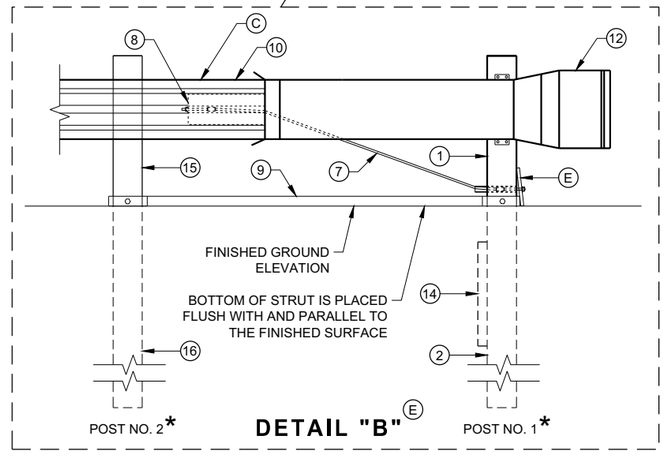
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

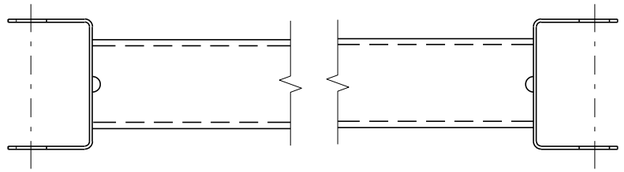
669

SDD 14B44 - 04a

SDD 14B44 - 04a

6

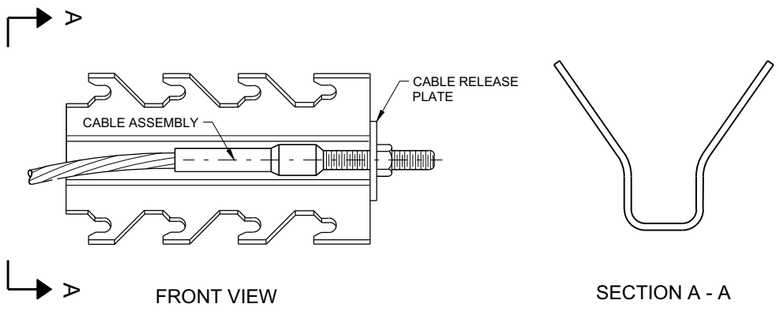
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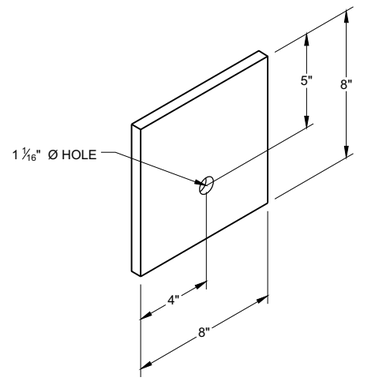
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑧ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

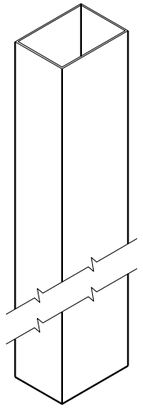
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SDD 14B44 - 04b

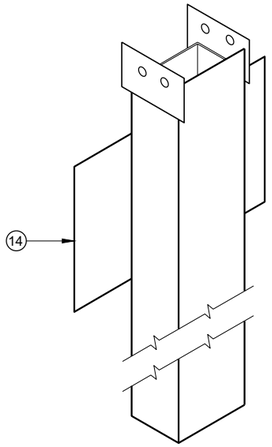
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

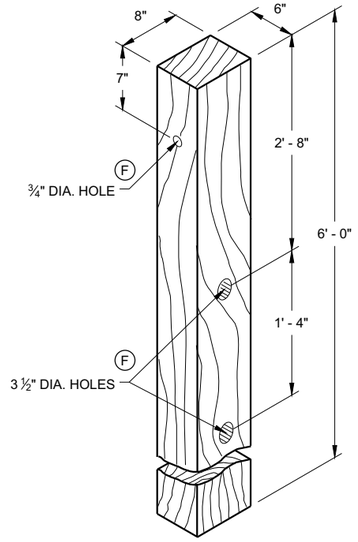
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



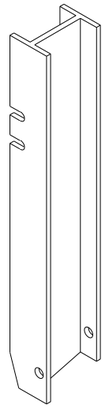
UPPER POST NO. 1 (1) (E)



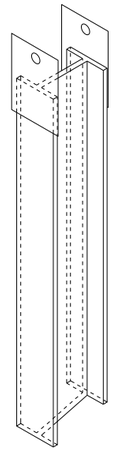
LOWER POST NO. 1 (2) (E)



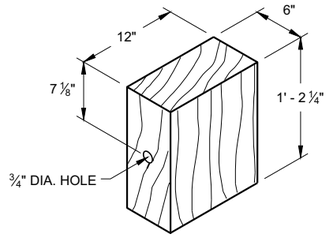
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



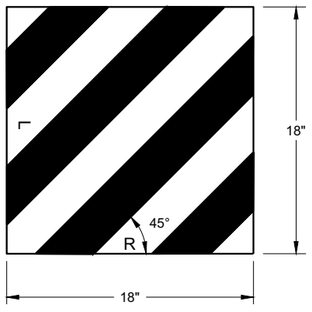
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

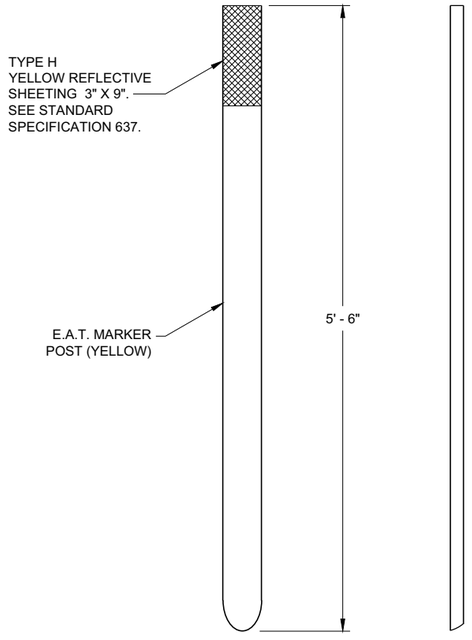


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



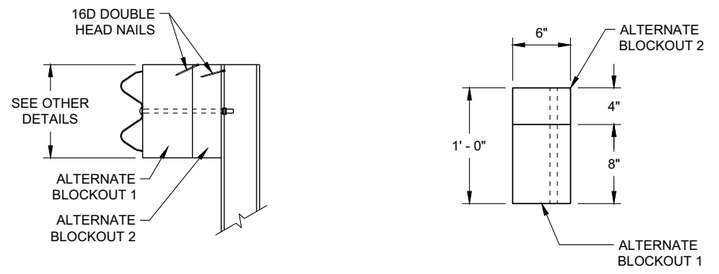
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

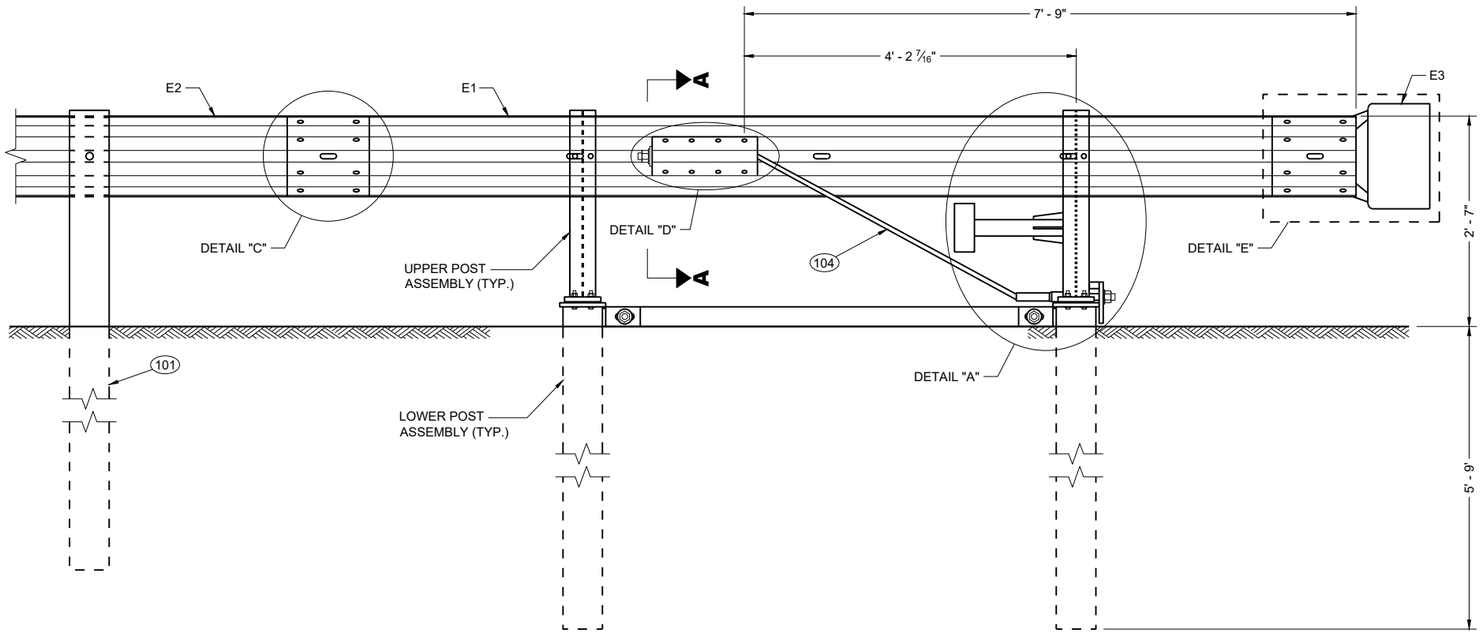
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

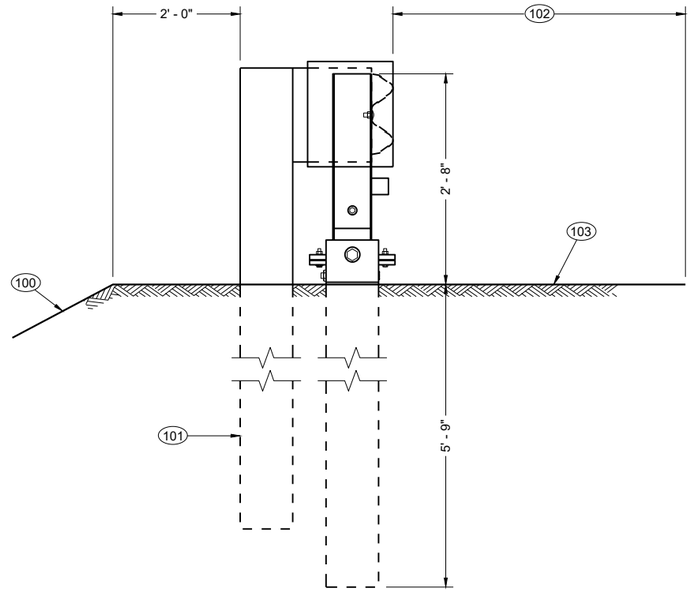
6

SDD 14B44 - 04c



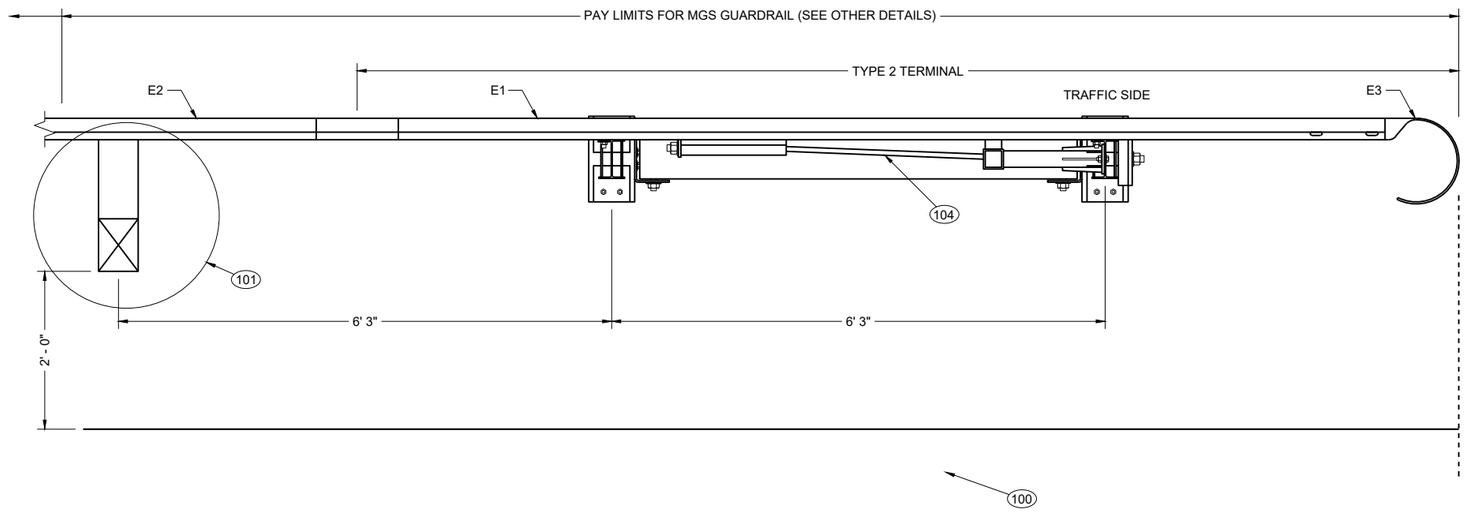
BACK VIEW

TYPE 2 TERMINAL



SIDE VIEW

TYPE 2 TERMINAL



TOP VIEW

TYPE 2 TERMINAL

GENERAL NOTES

SEE SDD 14B42 FOR MORE INFORMATION

(100) MAXIMUM SLOPE IS 2.5:1.

(101) SEE SDD 14B42 FOR MORE INFORMATION.

(102) SHOULDER

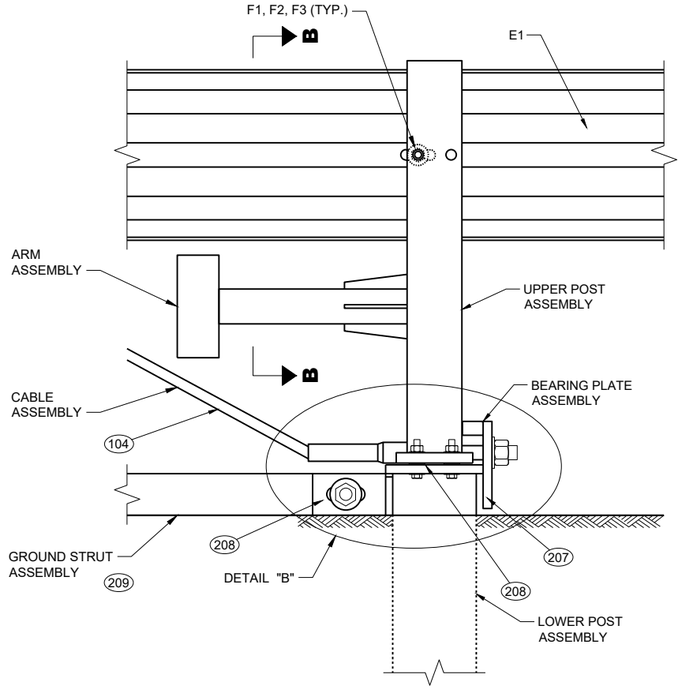
(103) MAXIMUM SLOPE IS 10:1.

(104) AFTER ASSEMBLY, CABLE IS TO BE TIGHTENED WITHOUT TWISTING THE CABLE.

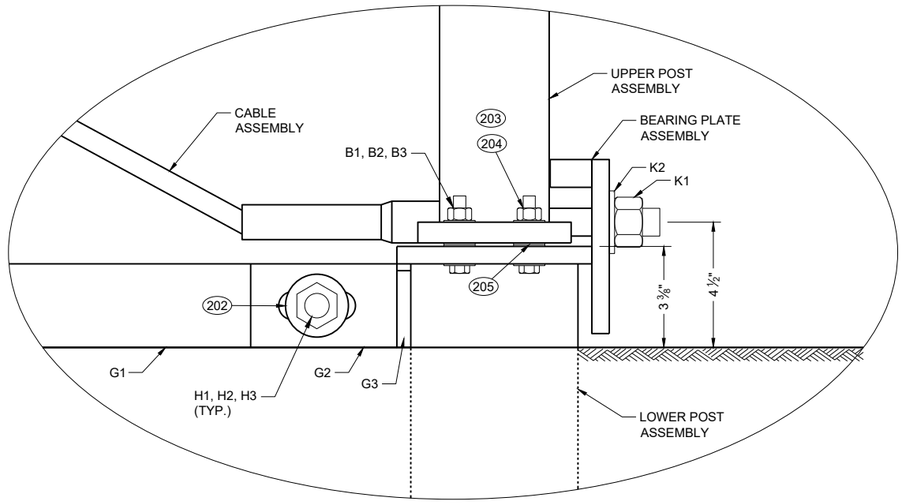
MIDWEST GUARDRAIL SYSTEM (MGS)
TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

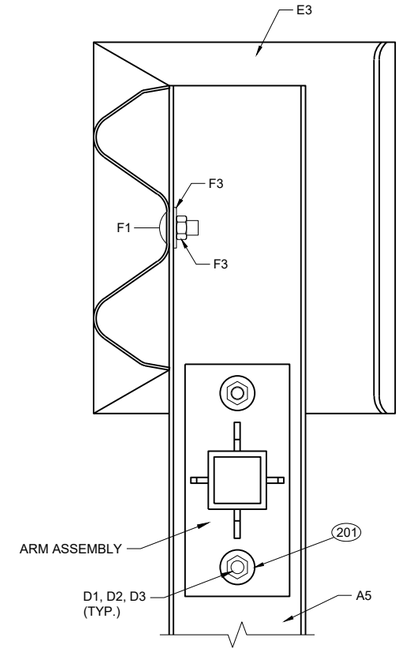
6
SDD 14B47-07a



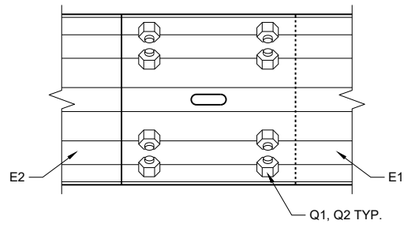
DETAIL "A"



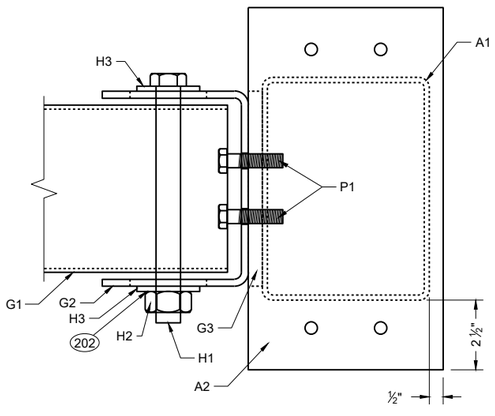
DETAIL "B"



SECTION B - B

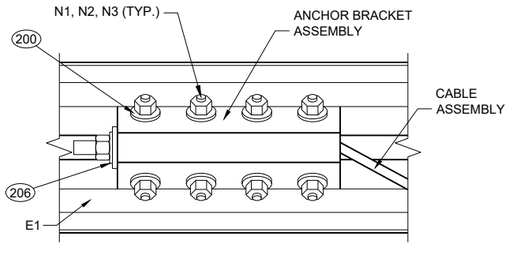


DETAIL "C"

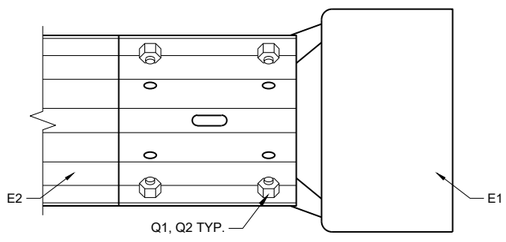


TOP VIEW

GROUND STRUT CONNECTION DETAIL



DETAIL "D"



DETAIL "E"

GENERAL NOTES

200 INSTALL ONE WASHER UNDER BOLT HEAD AND RAIL AND ON WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

201 INSTALL ONE WASHER UNDER BOLT HEAD AND UPPER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND ARM PLATE.

202 INSTALL ONE WASHER UNDER BOLT HEAD AND GROUND STRUT CONNECTOR AND ONE WASHER BETWEEN NUT AND GROUND STRUT CONNECTOR.

203 INSTALL ONE WASHER UNDER BOLT HEAD AND LOWER POST ASSEMBLY AND ONE WASHER BETWEEN NUT AND UPPER POST ASSEMBLY.

204 TORQUE VALUE IS BETWEEN 60 - 75 FT-LB.

205 TWO WASHERS BETWEEN UPPER AND LOWER POST ASSEMBLY.

206 INSTALL ONE WASHER BETWEEN NUT AND ANCHOR BRACKET ASSEMBLY.

207 NO MATERIAL IS TO BE PLACED AGAINST THE VERTICAL FACES OF BEARING PLATE.

208 PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLTS FOR POST ASSEMBLIES AND GROUND STRUT.

209 PREVENT OR REMOVE MATERIALS THAT IMPEDE REMOVAL OF GROUND STRUT.

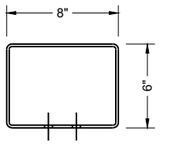
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

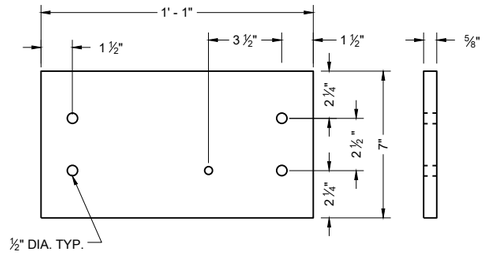
6
SDD 14B47-07b

GENERAL NOTES

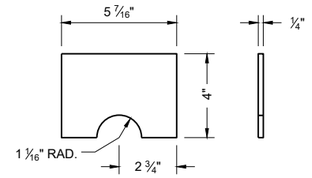
(300) TAP FOR 1/2" AFTER GALVANIZATION



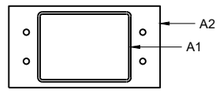
TOP VIEW



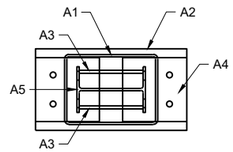
LOWER PLATE (A2)

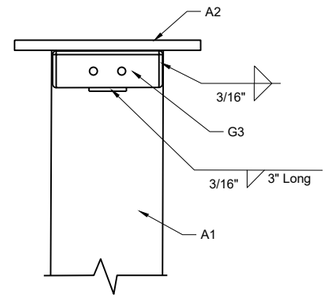


POST GUSSET (A3)

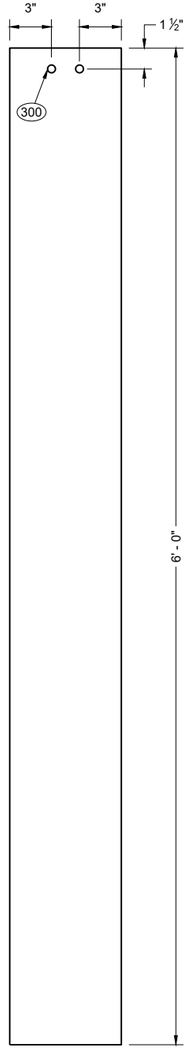


PLAN VIEW



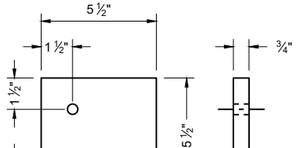


WELDING DETAIL
G3 AND A1

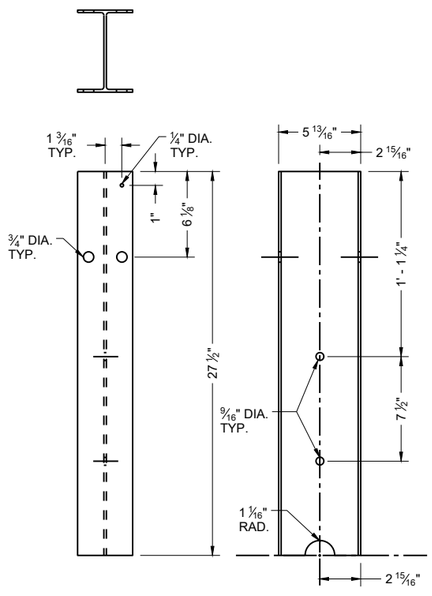


SIDE VIEW

FOUNDATION TUBE (A1)

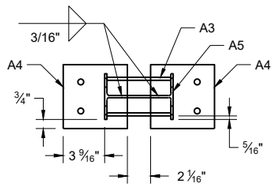


UPPER PLATE (A4)

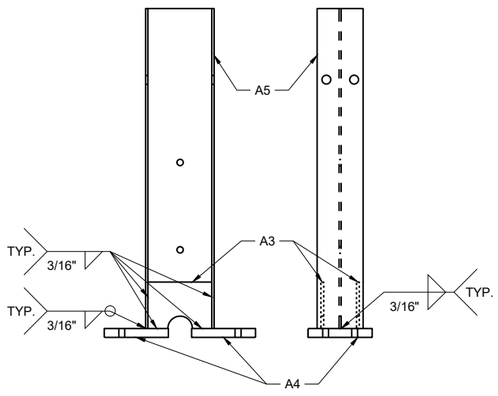


FRONT VIEW SIDE VIEW

TYPE 2 POST (A5)

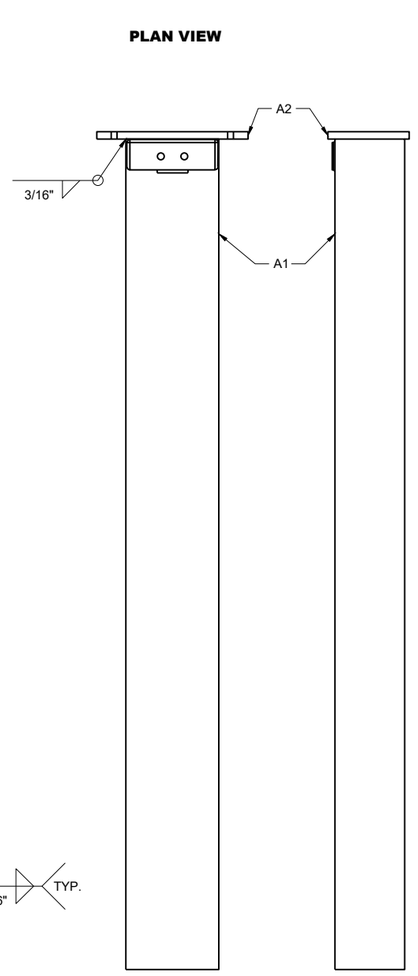


PLAN VIEW



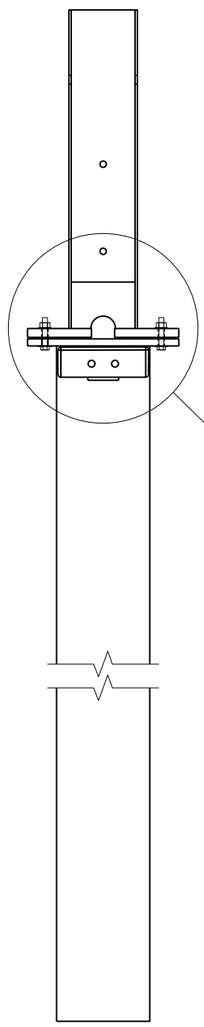
SIDE VIEW FRONT VIEW

UPPER POST ASSEMBLY

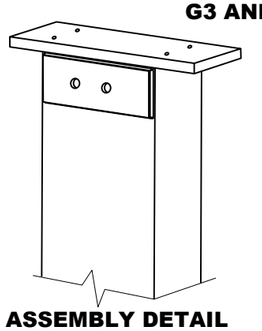


FRONT VIEW SIDE VIEW

LOWER POST ASSEMBLY

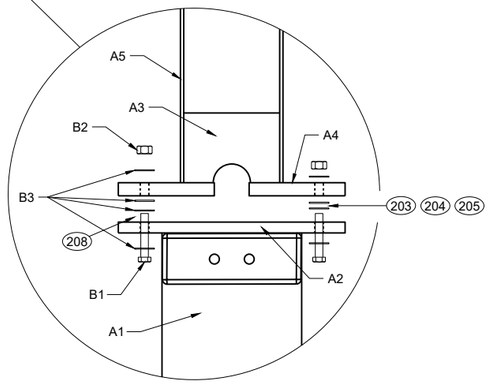


ASSEMBLED POST



ASSEMBLY DETAIL
ISOMETRIC

A1



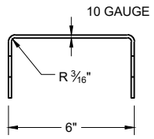
POST CONNECTION DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS)
TYPE 2 TERMINAL

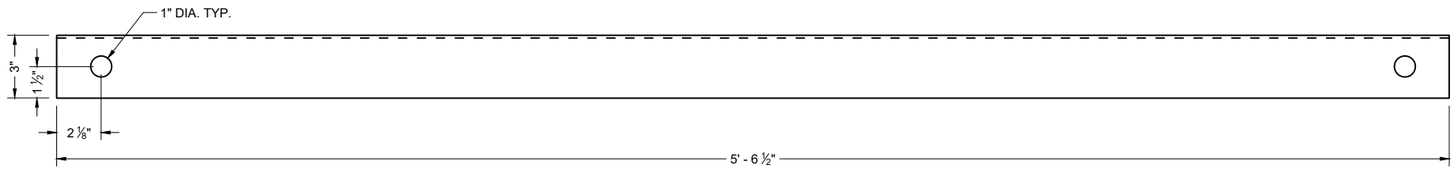
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B47-07c

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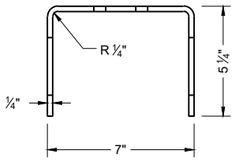


SIDE VIEW

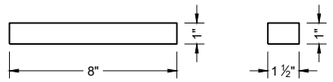


FRONT VIEW

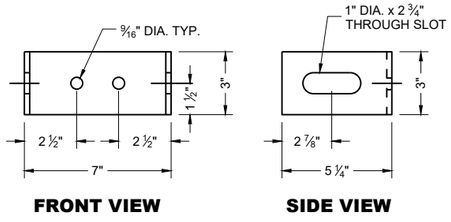
GROUND STRUT CHANNEL (G1)



TOP VIEW



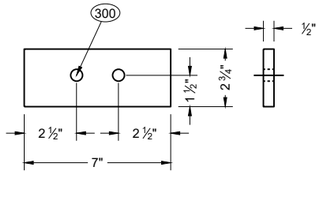
BEARING PLATE FLANGE (L2)



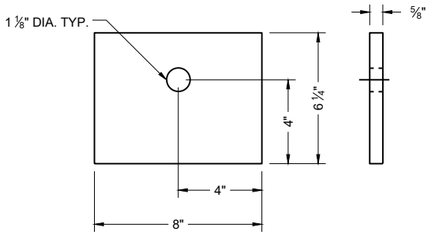
FRONT VIEW

SIDE VIEW

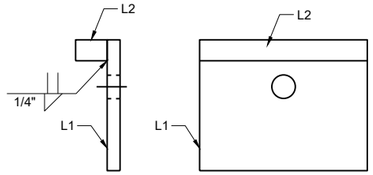
GROUND STRUT CONNECTOR (G2)



GROUND STRUT PLATE (G3)



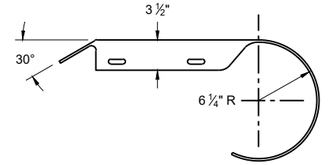
BEARING PLATE (L1)



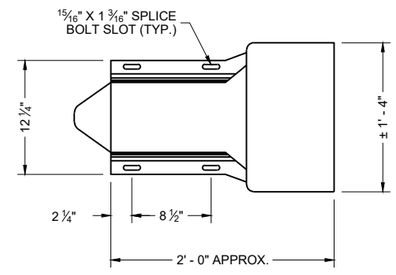
SIDE VIEW

FRONT VIEW

BEARING PLATE ASSEMBLY

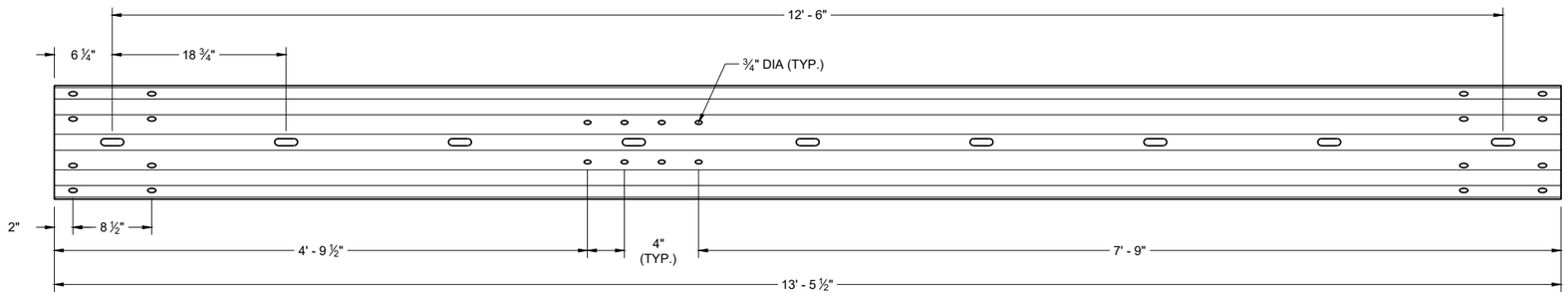


PLAN VIEW

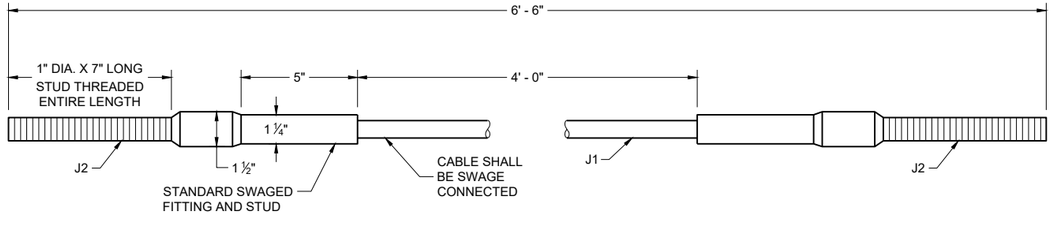


ELEVATION VIEW

ROUNDED BUFFER END (E3)



TYPE 2 GUARDRAIL (E1)



CABLE ASSEMBLY

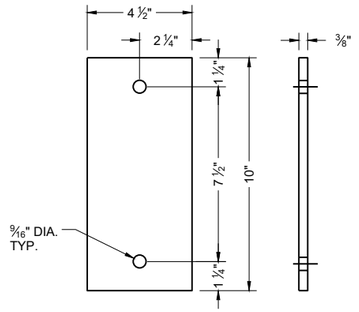
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

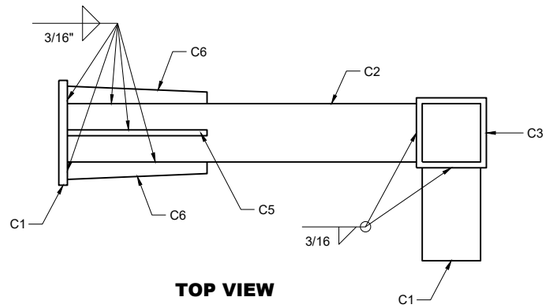
6

SDD 14B47-07d

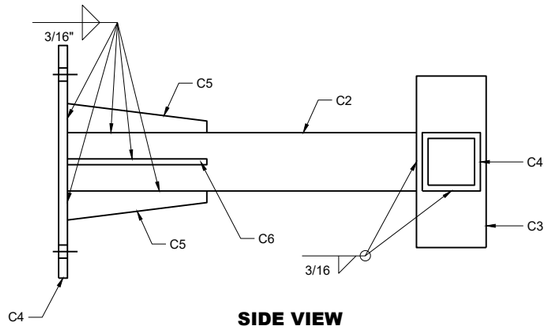
SDD 14B47-07d



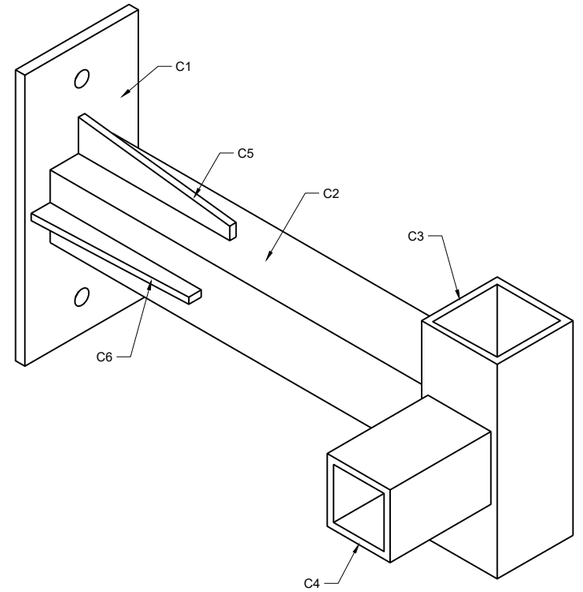
ARM PLATE (C1)



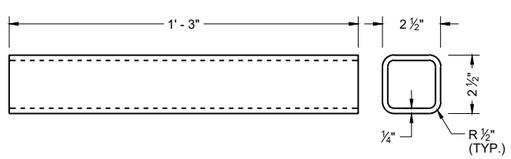
TOP VIEW
ARM ASSEMBLY



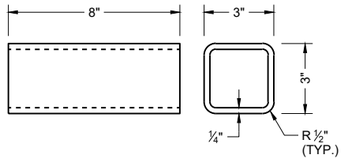
SIDE VIEW
ARM ASSEMBLY



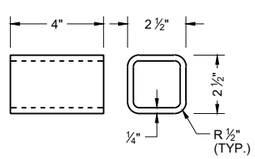
ISOMETRIC VIEW
ARM ASSEMBLY



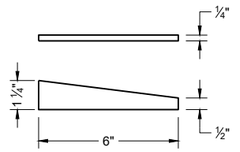
ARM TUBE 1 (C2)



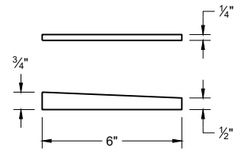
ARM TUBE 2 (C3)



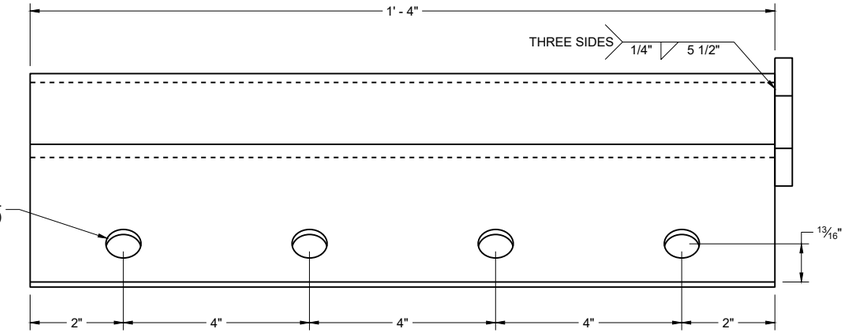
ARM TUBE 3 (C4)

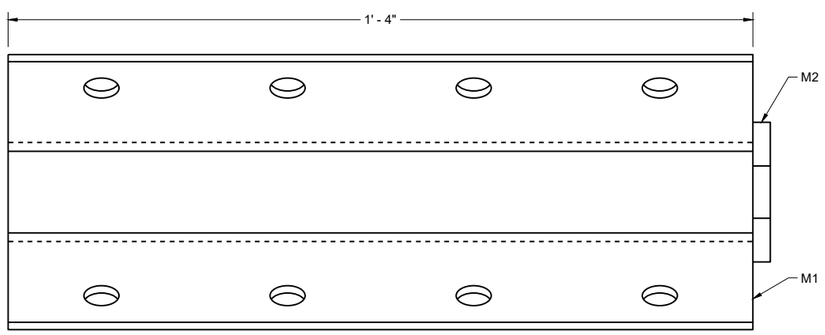


ARM GUSSET PLATE 1 (C5)

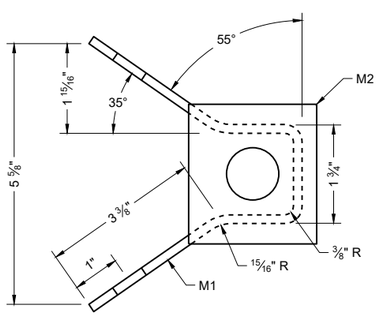


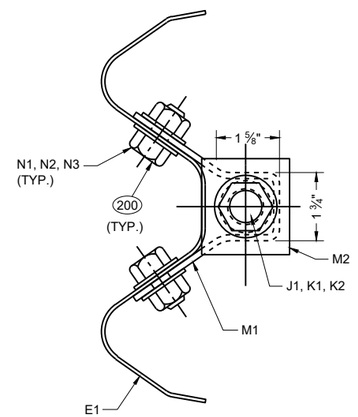
ARM GUSSET PLATE 2 (C6)

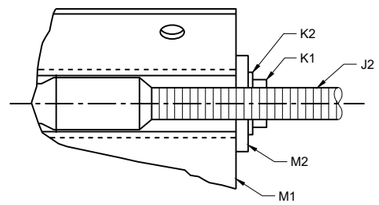




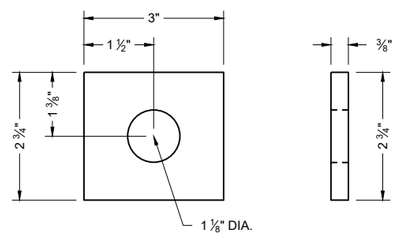
ANCHOR BRACKET (M1, M2)







SECTION A - A



ANCHOR BRACKET BEARING PLATE (M2)

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	TYPE 2 FOUNDATION TUBE	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
A2	LOWER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
A3	POST GUSSET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
A4	UPPER PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/4" THICKNESS
A5	TYPE 2 POST	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI, w6x9 or w6x8.5	
B1	BREAKAWAY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED . PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	7/16" DIA.
B2	BREAKAWAY BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/16" DIA.
B3	BREAKAWAY BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
C1	ARM ASSEMBLY PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
C2	ARM ASSEMBLY TUBE 1	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 8" x 6" x 3/16"
C3	ARM ASSEMBLY TUBE 2	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 3" x 3" x 1/4"
C4	ARM ASSEMBLY TUBE 3	AASHTO M111 / ASTM A123 ASTM A500 GRADE B OR ASTM A-501	TS 2 1/2" x 2 1/2" X 1/4"
C5	ARM ASSEMBLY GUSSET PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
C6	ARM ASSEMBLY GUSSET PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
D1	ARM ASSEMBLY BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	1/2" DIA.
D2	ARM ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	1/2" DIA.
D3	ARM ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
E1	TYPE 2 GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E2	BEAM GUARD RAIL	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
E3	BEAM GUARD ROUNDED BUFFER END	AASHTO M180 CLASS A TYPE 2 12 GAUGE APPROVED PRODUCER	
F1	POST BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
F2	POST BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
F3	POST BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
G1	GROUND STRUT CHANNEL	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" x 11 3/4" x 10 GAUGE
G2	GROUND STRUT CONNECTOR	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/4" THICKNESS
G3	GROUND STRUT PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1/2" THICKNESS

MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B47-07f

BILL OF MATERIALS - TYPE 2 TERMINAL (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
H1	GROUND STRUT BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	7/8" DIA.
H2	GROUND STRUT BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	7/8" DIA.
H3	GROUND STRUT BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC HEAVY HEX HEAD 5/8" ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
J1	BCT CABLE	AASHTO M30 / ASTM A741 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS), 6 x 19 INDEPENDENT WIRE CORE (IWRC) IMPROVED PLOW STEEL (IPS) TYPE II OR IIC, CLASS C ZINC COATED MIN. BREAKING STRENGTH OF 42.7 KIPS	3/4" DIA.
J2	BCT CABLE	UNC 1" ASTM A576 GRADE 1035 SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. MIN BREAKING STRENGTH OF 42.7 KIPS ASME B30.26 "FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING IN TO CONNECTION: NAME OF MANUFACTURE OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE FOR ALLOY EYEBOLTS."	
K1	CABLE ASSEMBLY NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1" DIA.
K2	CABLE ASSEMBLY WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1	1" DIA.
L1	BEARING PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	5/8" THICKNESS
L2	BEARING PLATE FLANGE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	1" THICKNESS
M1	BEAM GUARD ANCHOR BRACKET	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	
M2	BEAM GUARD ANCHOR END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI, OR ASTM A709 MAX STRENGTH 50 KSI, OR ASTM A992 MAX STRENGTH 50 KSI	3/8" THICKNESS
N1	ANCHOR BRACKET BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	5/8" DIA.
N2	ANCHOR BRACKET BOLT WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
N3	ANCHOR BRACKET BOLT NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 /ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
P1	FOUNDATION TUBE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1/ ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	1/2" DIA.
Q1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	
Q2	SPLICE NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	5/8" DIA.

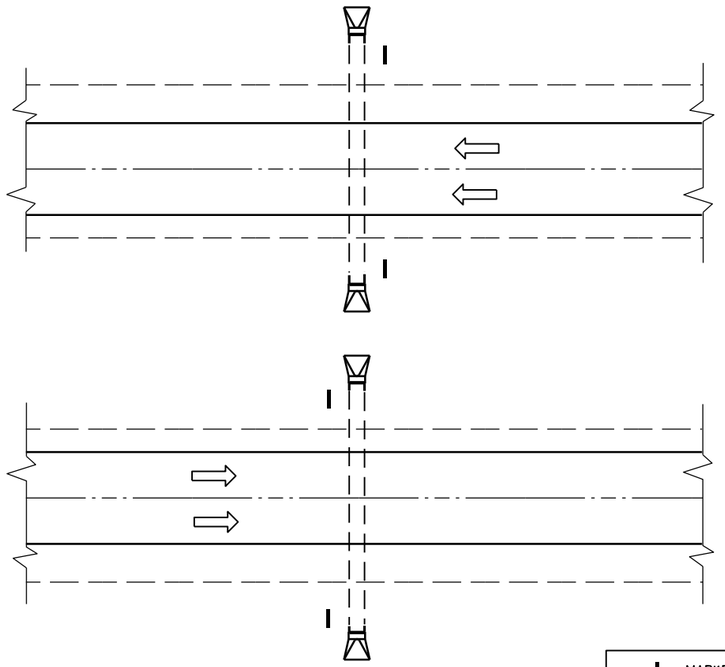
MIDWEST GUARDRAIL SYSTEM (MGS) TYPE 2 TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2025 — DATE
/S/ Rodney Taylor — <position>
FHWA

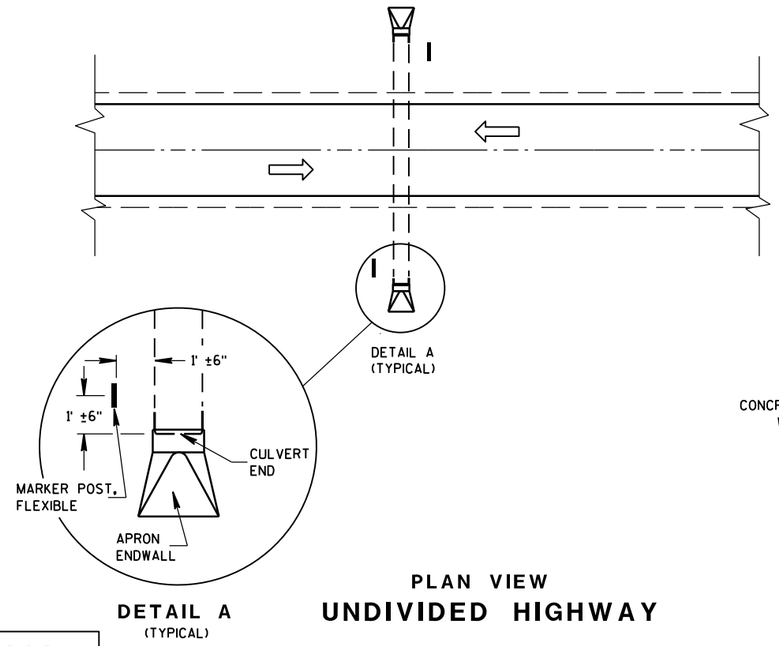
6

SDD 14B47-07g



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

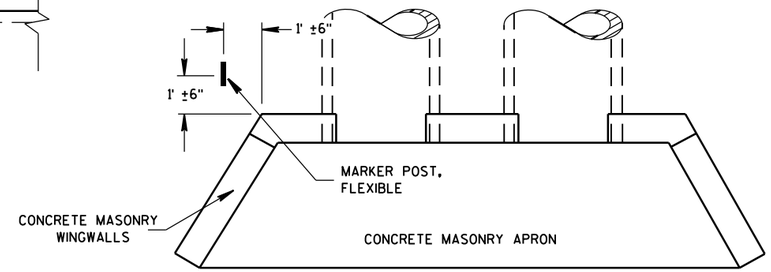
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

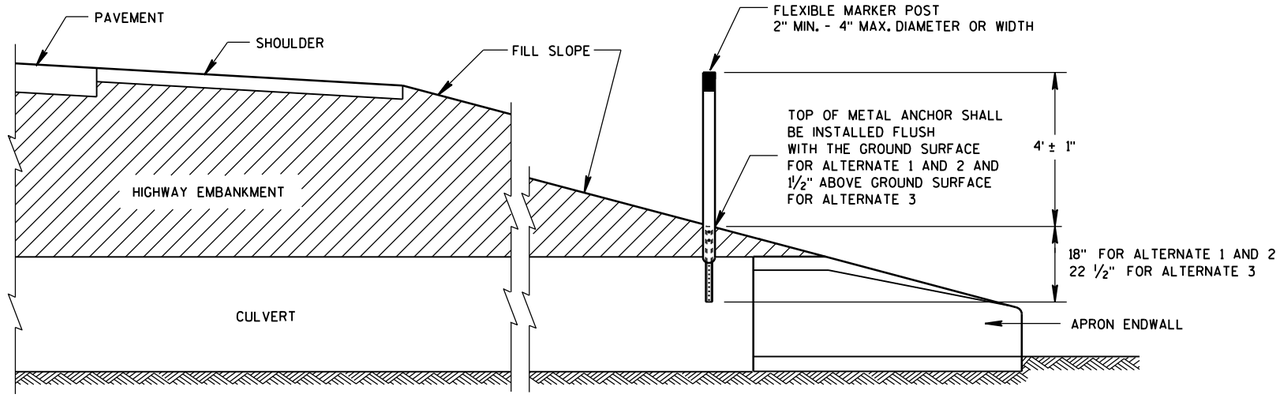
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST
FOR CULVERT END

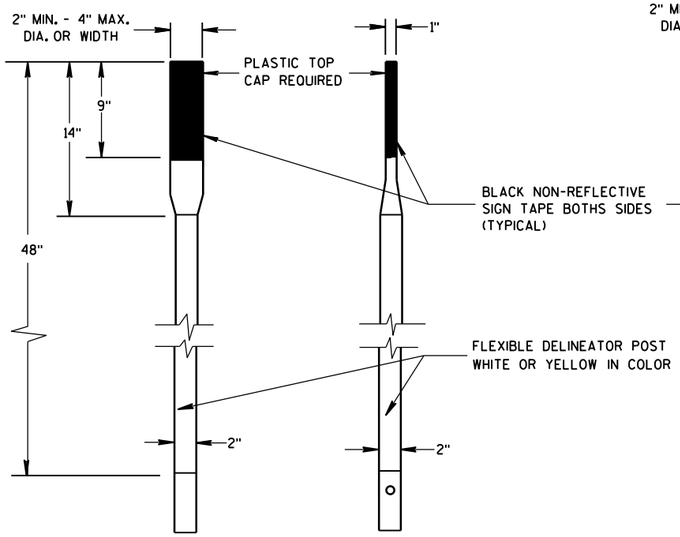
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

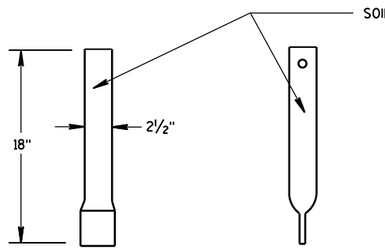
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S.D.D. 15 A 3-2a

6

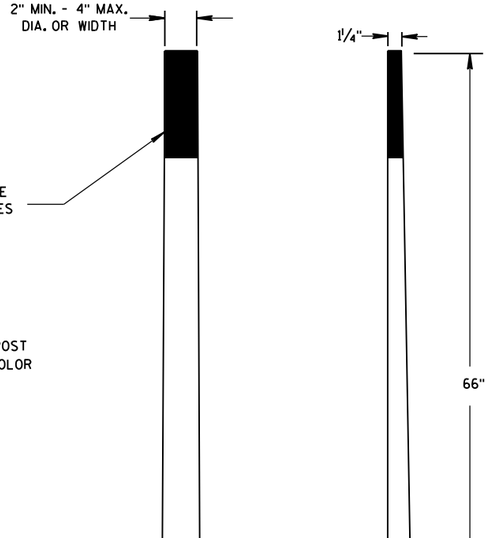
S.D.D. 15 A 3-2a





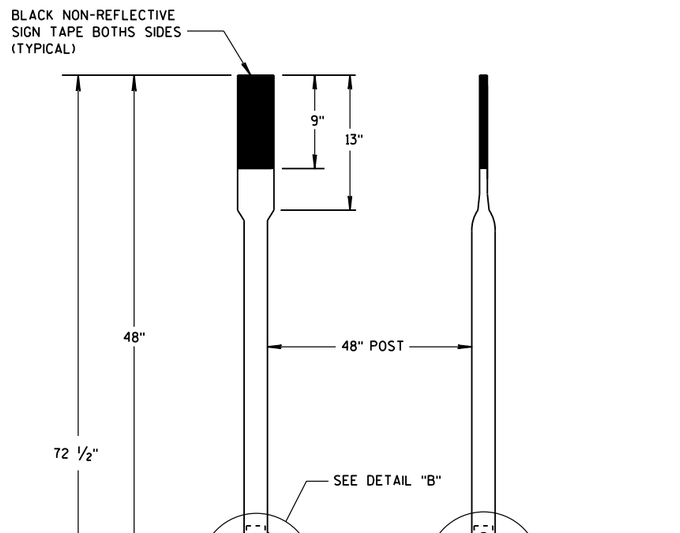
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

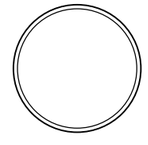
ALTERNATE 2



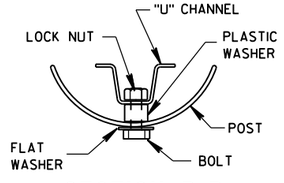
FRONT VIEW SIDE VIEW

ALTERNATE 3

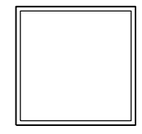
FLEXIBLE MARKER POSTS



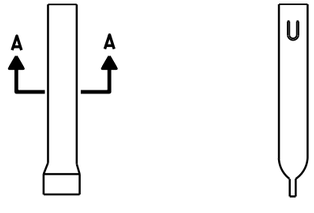
SECTION A-A



SECTION B-B

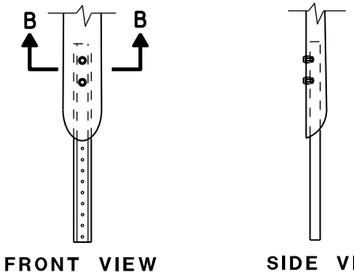


SECTION C-C



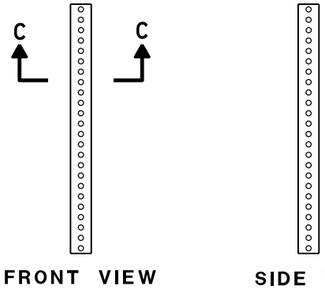
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

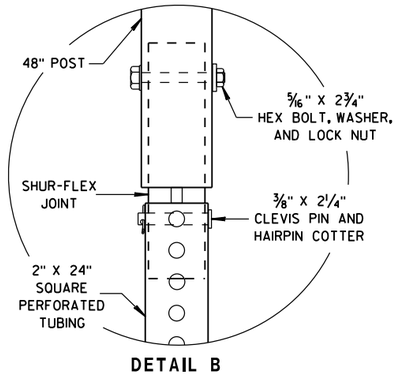
ALTERNATE 2



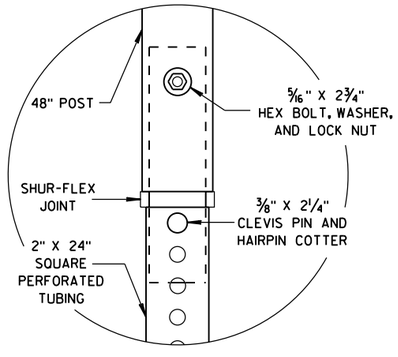
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/1/2012
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
FHWA

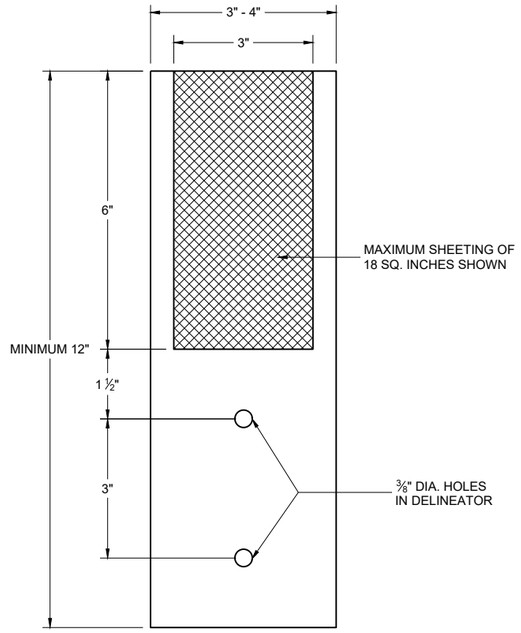
680

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S.D.D. 15 A 3-2b

6

S.D.D. 15 A 3-2b



4" x 12" DELINEATOR
WITH REFLECTIVE SHEETING

REFLECTOR SPACING TABLE

REFLECTOR SPACING	MINIMUM NUMBER OF REFLECTORS
100' C-C	3

DELINEATOR POST
WITH REFLECTIVE SHEETING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

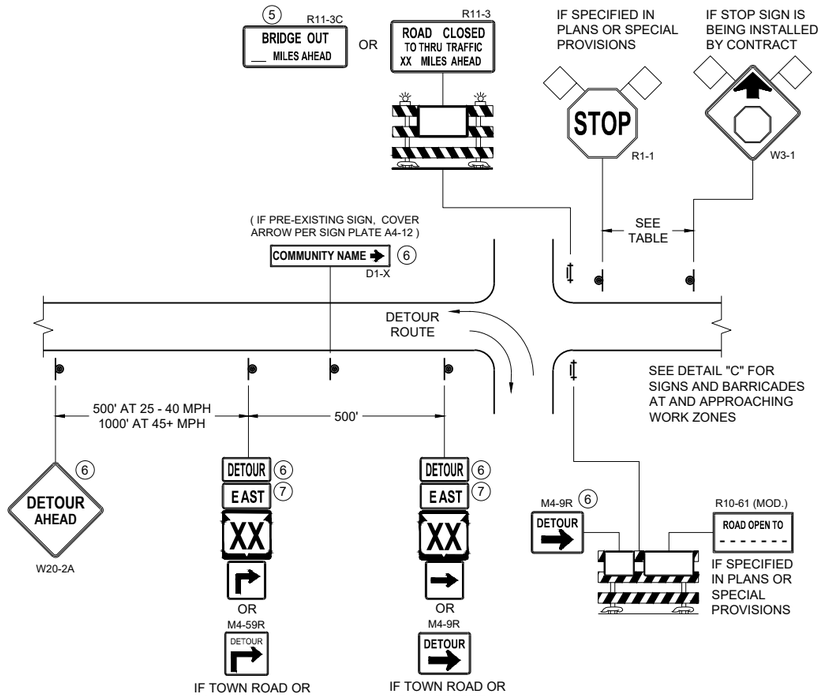
APPROVED
March 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

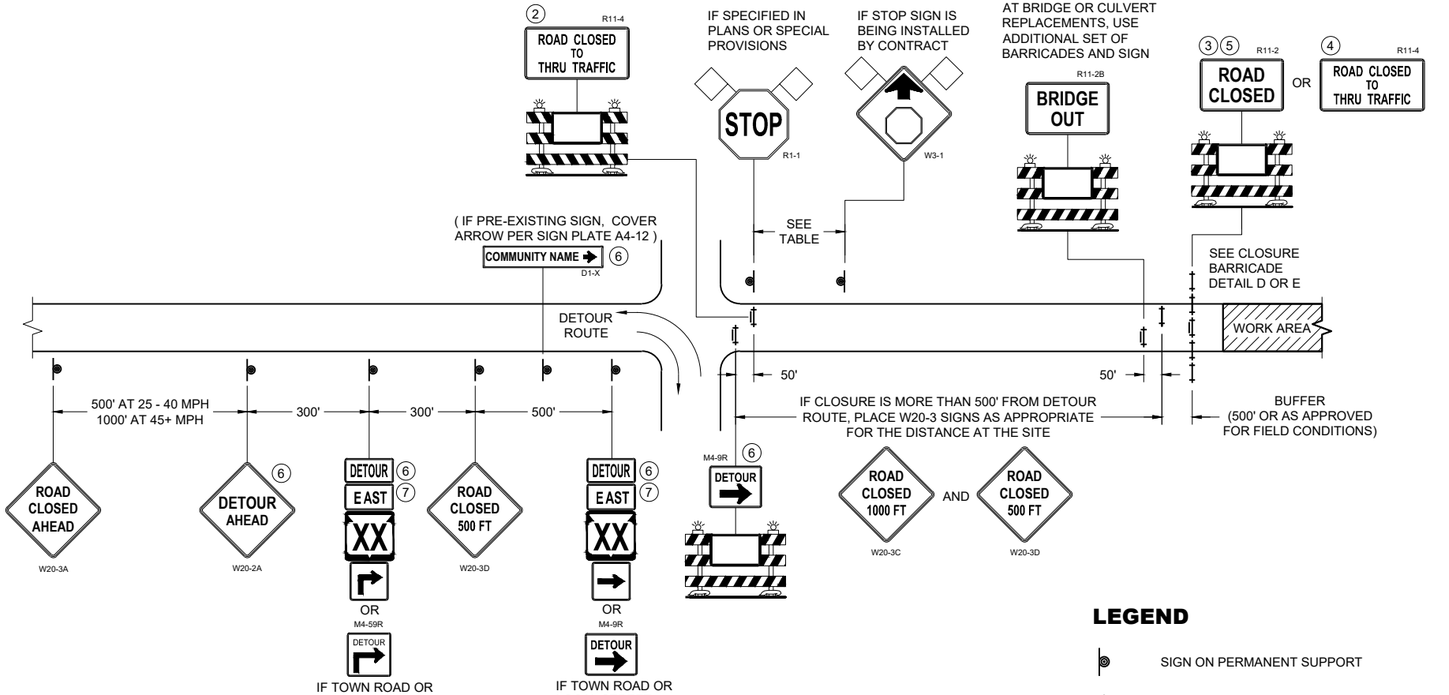
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SDD 15A04-08e



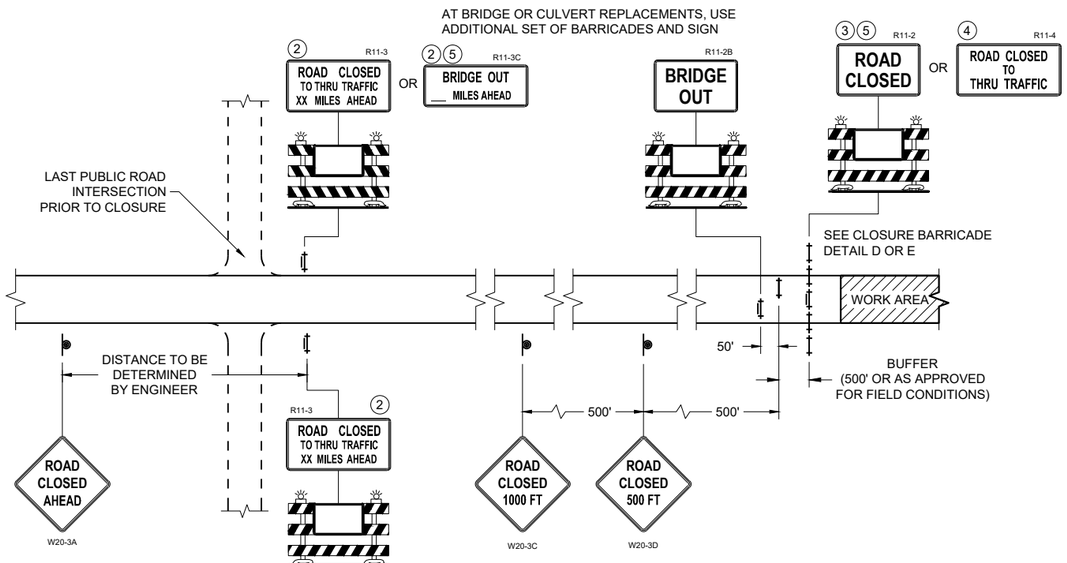
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b" FOR GENERAL NOTES AND FOOTNOTES (1) THROUGH (7)

LEGEND

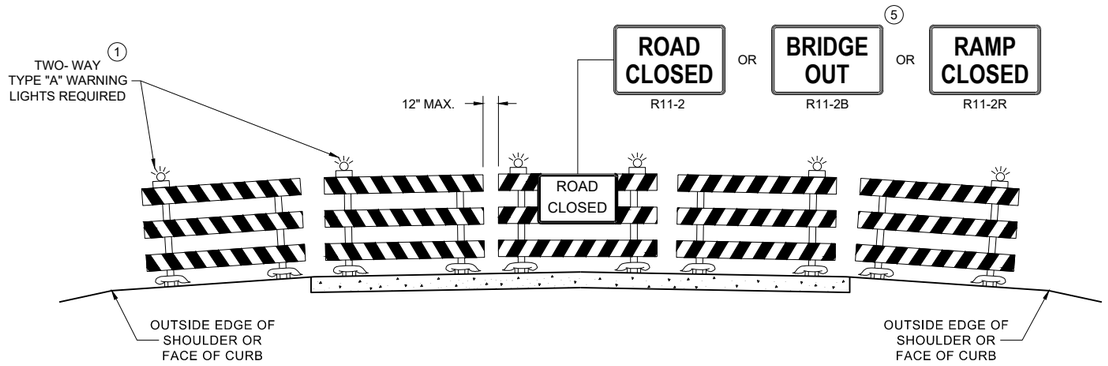
- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

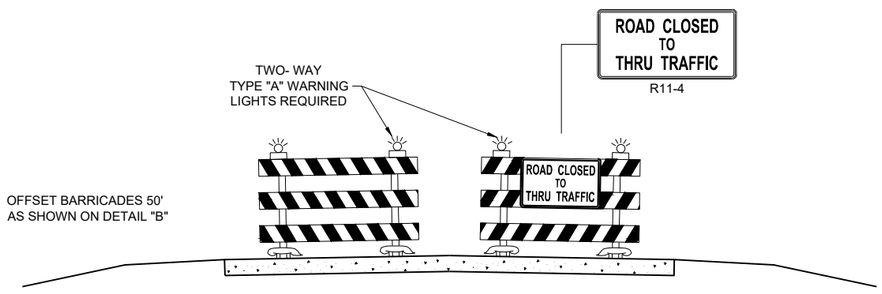
6
SDD 15C02-10a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

PARTIAL NUMBERS ON SIGNS SHALL BE DISPLAYED AS A WHOLE NUMBER(AS NEEDED) FOLLOWED BY A FRACTION. SIGNS SHALL NOT DISPLAY NUMBERS IN DECIMAL FORM.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

SIGNS PLACED ON TYPE III BARRICADES THAT ARE SIZES OTHER THAN 48"X30" SHALL HAVE A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE.

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15C02-10b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

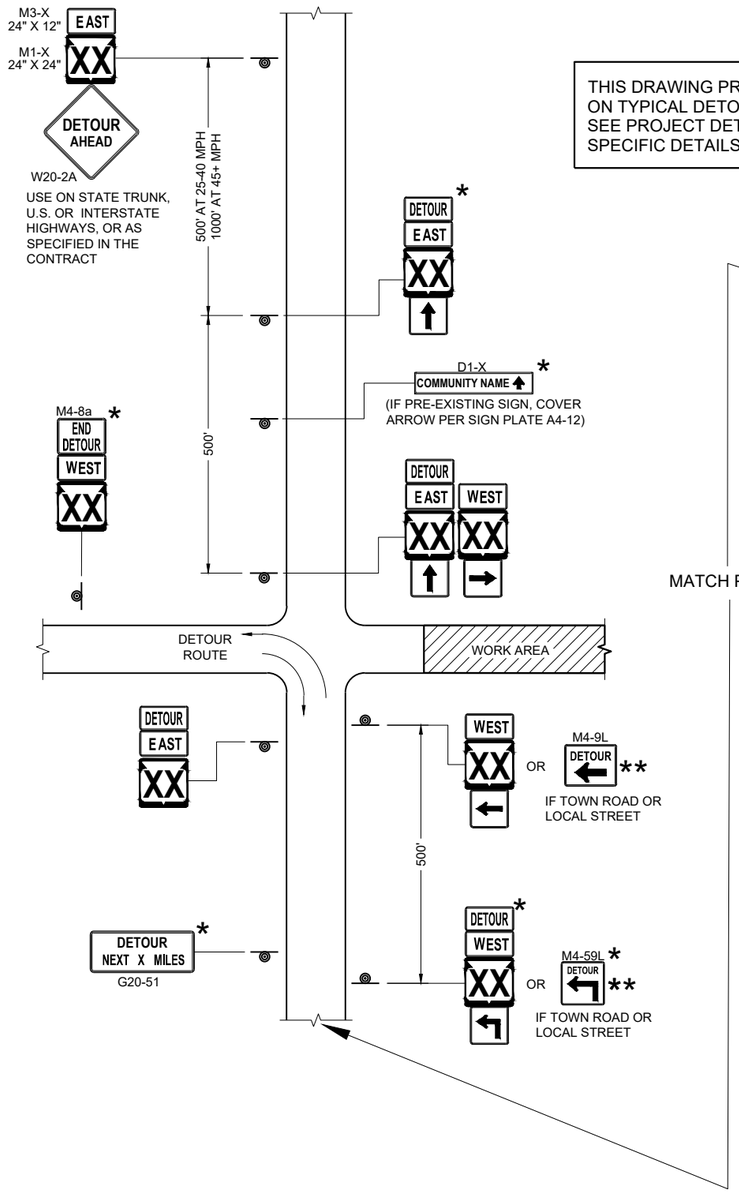
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

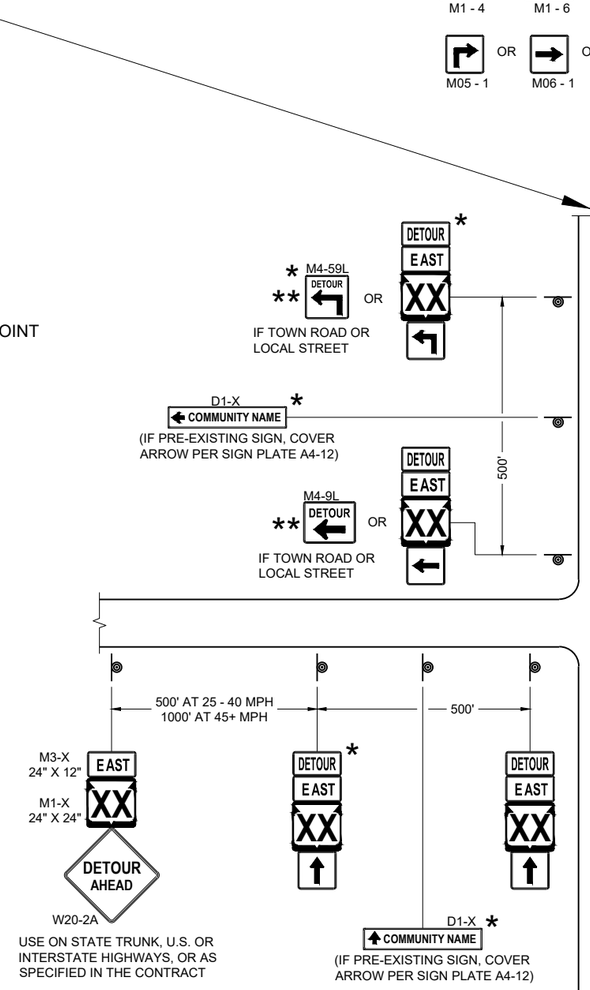
SIGN SIZES SHALL BE AS FOLLOWS:

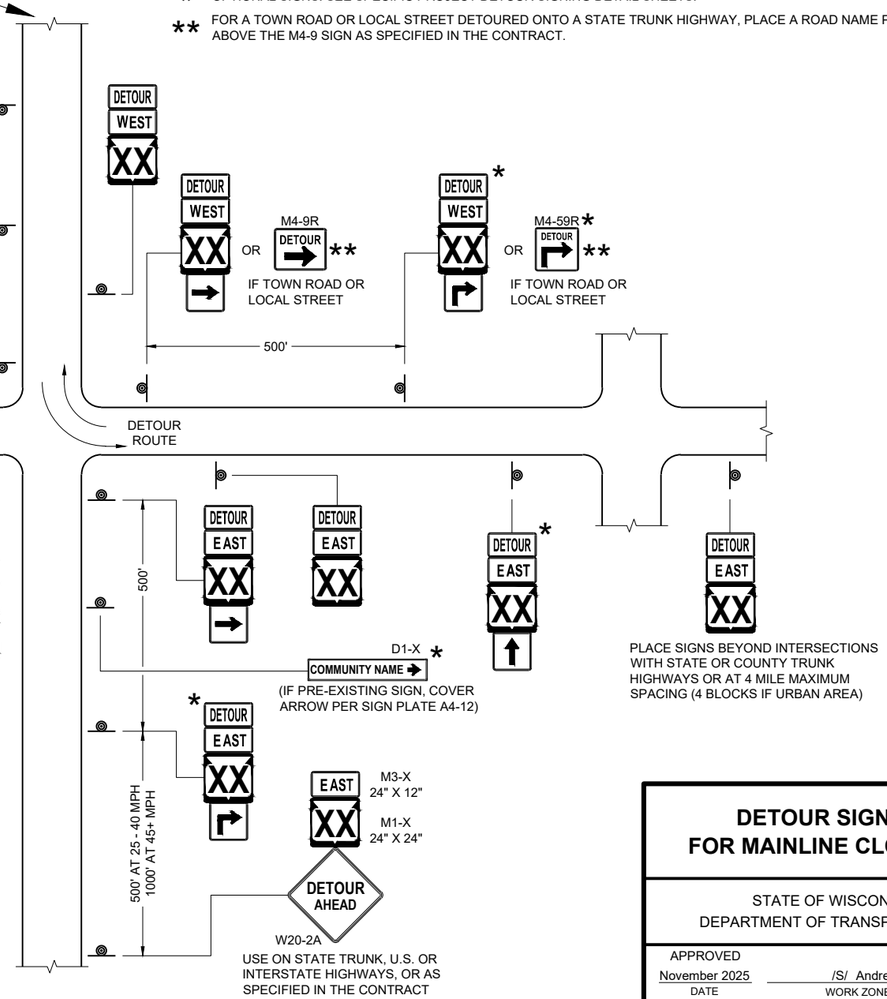
- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.







SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

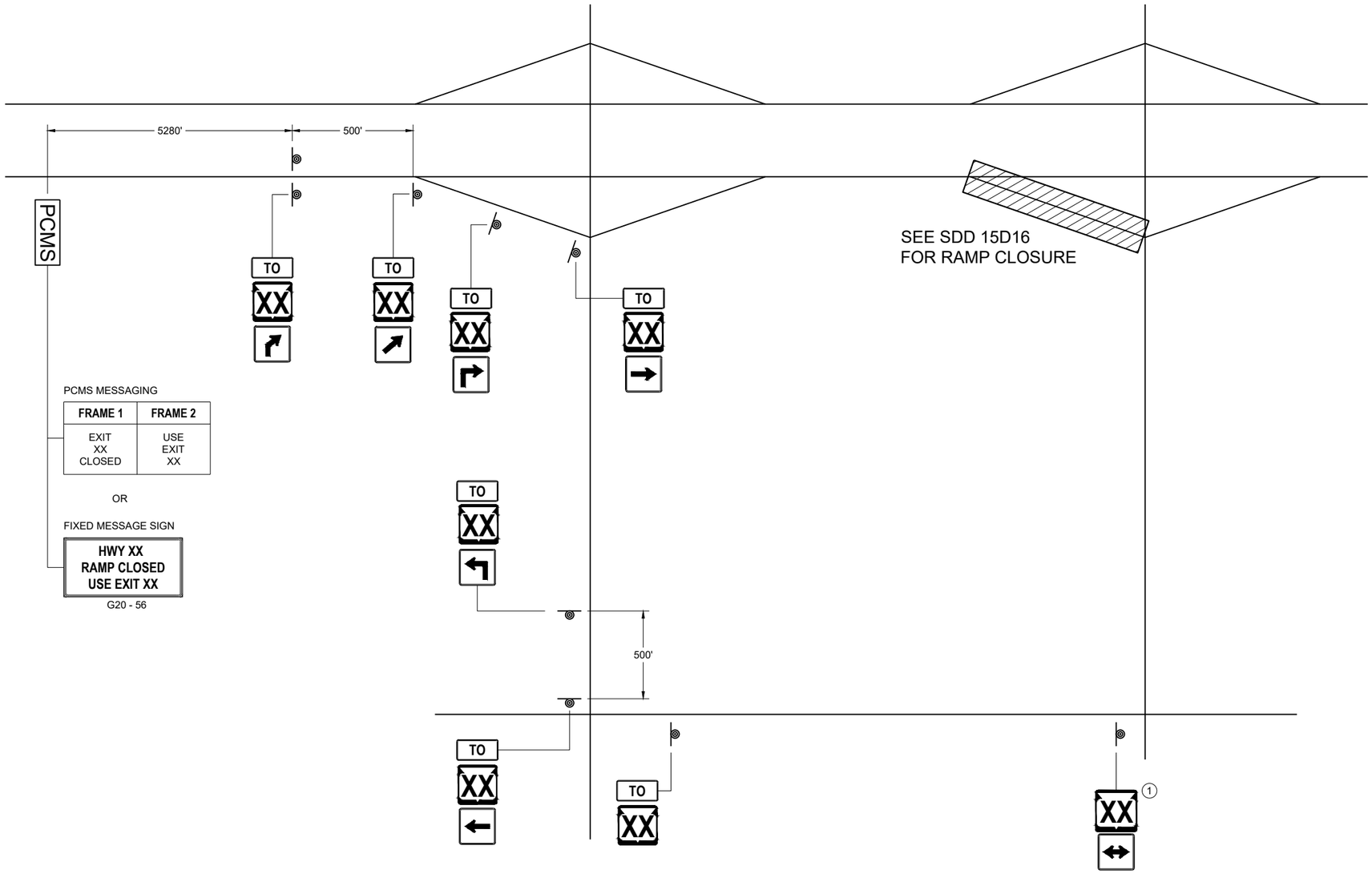
APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15C02-10c

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL "TO" MO-4 SIGN LAYOUT AND SPACING. SEE PROJECT TO SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.



PCMS MESSAGING

FRAME 1	FRAME 2
EXIT XX CLOSED	USE EXIT XX

OR

FIXED MESSAGE SIGN

HWY XX
RAMP CLOSED
USE EXIT XX

G20 - 56

LEGEND

- SIGN ON PERMANENT SUPPORT
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- TO — MO4 - 5
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M05 - 2 OR M06 - 1 OR M06 - 2 OR M06 - 4

GENERAL NOTES

SEE SDD 15D16 "TRAFFIC CONTROL, EXIT RAMP CLOSURE" DETAIL FOR TRAFFIC CONTROL AT EXIT RAMP CLOSURE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE ANY ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE "TO" MO-4 ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT TO SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND "TO" MO-4 SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL " IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT SHALL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOW:

MO4 - 5 SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS).
M1 - 4, M1 - 5A, AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS).
MO5 - 1, MO5 - 2, AND MO6 - 1, SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS).

(1) ONLY ADD IF THERE ARE NO EXISTING ROUTE MARKERS FOR THE INTERSECTING ROADWAY.

OFF RAMP LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

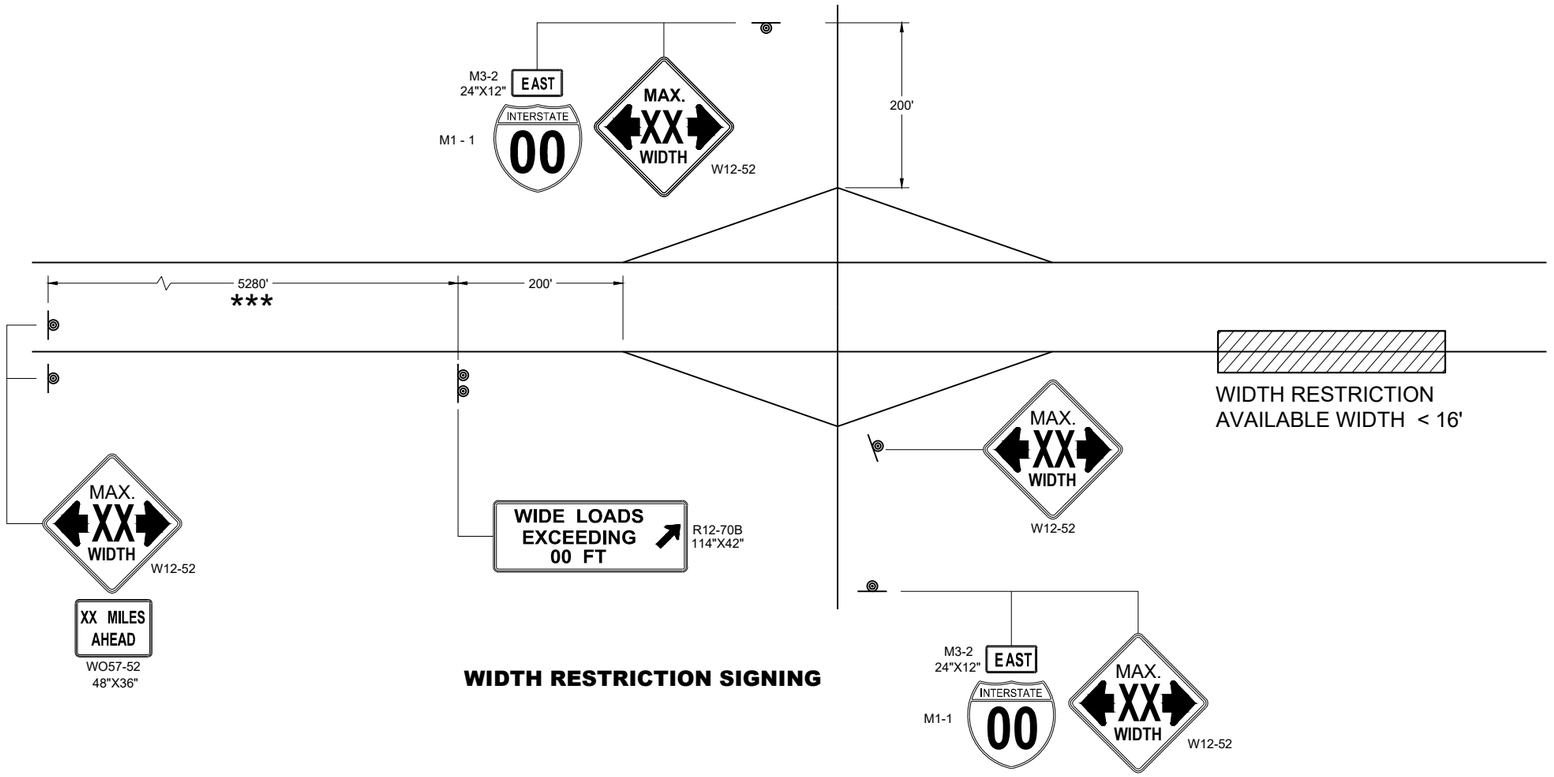
FHWA

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SDD 15C02-10e

6

SDD 15C02-10e



WIDTH RESTRICTION SIGNING

LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL " IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

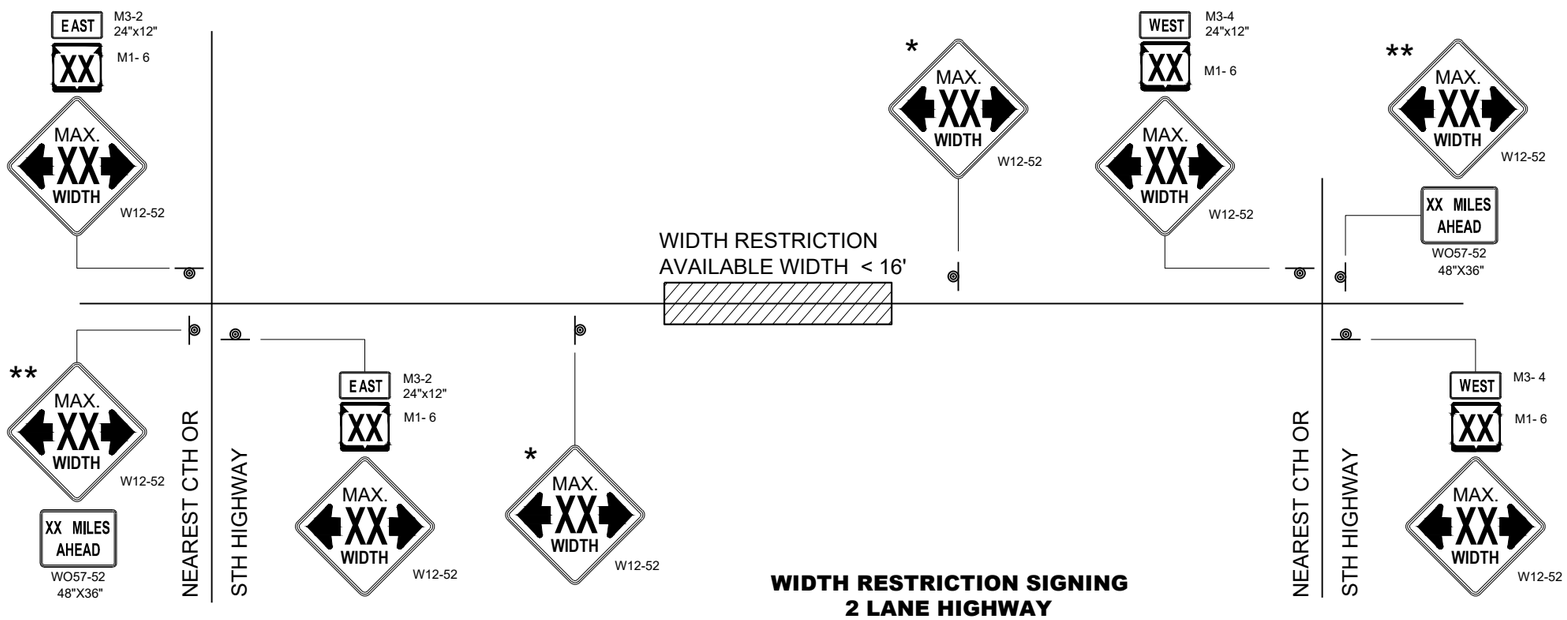
* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.



WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

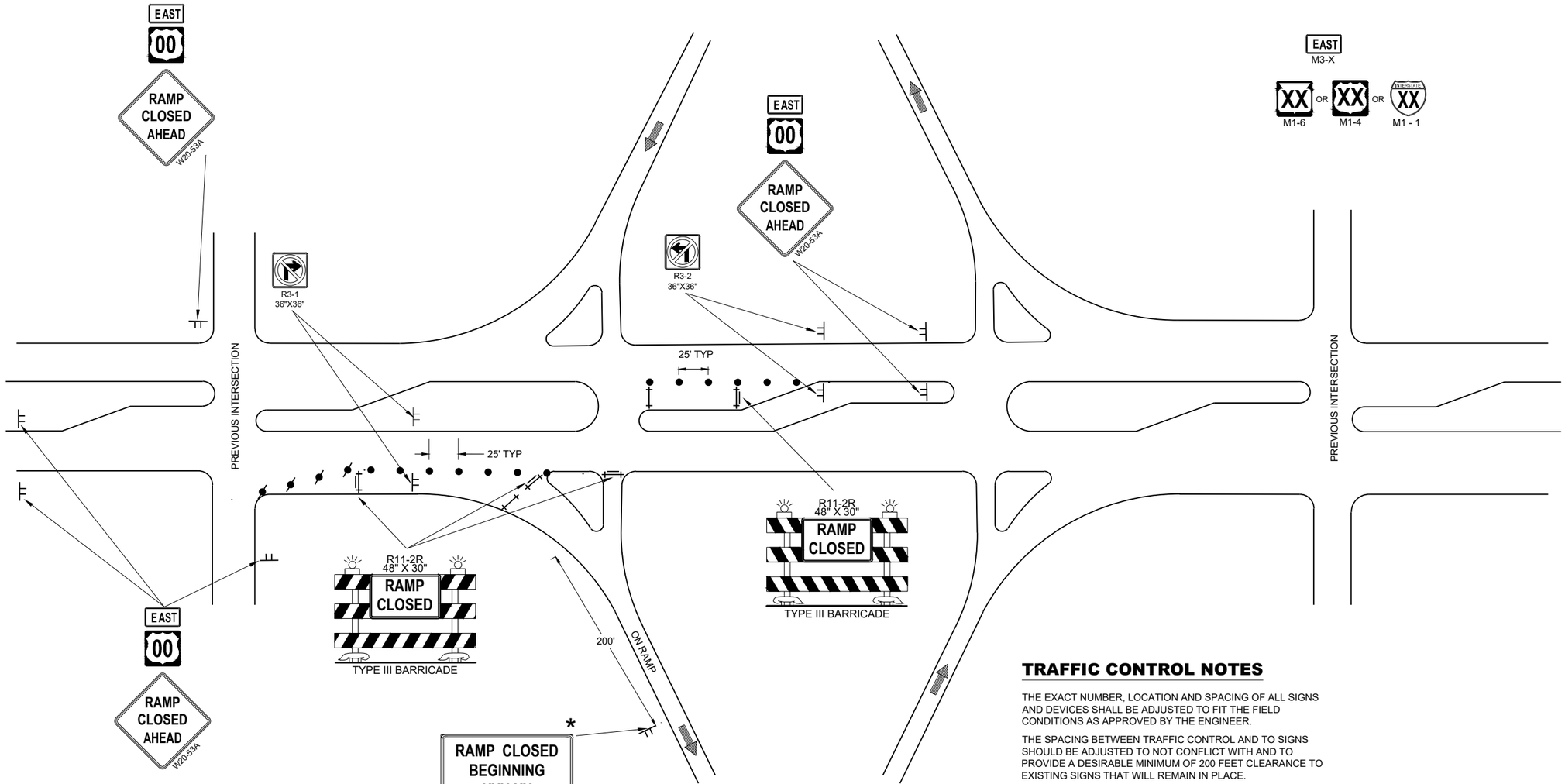
APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

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6

SDD 15C02-10f

SDD 15C02-10f



LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT THE FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL AND TO SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT SHALL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24"x24" (36" x18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-1, M1-4, AND M1-6 SHALL BE 24"x24" (36"x36" IF NEEDED TO MATCH EXISTING SIGNS)
- W20-53A SHALL BE 48"X48"

* PLACE "RAMP CLOSED BEGINNING" SIGN 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR LAYOUT.

TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE

TRAFFIC CONTROL FOR ENTRANCE RAMP CLOSURE

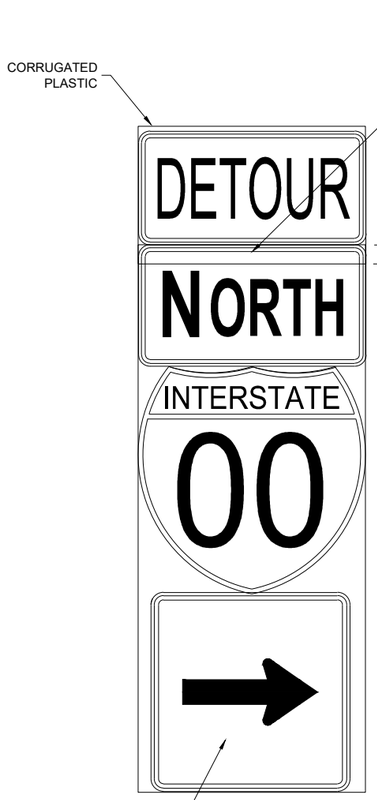
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

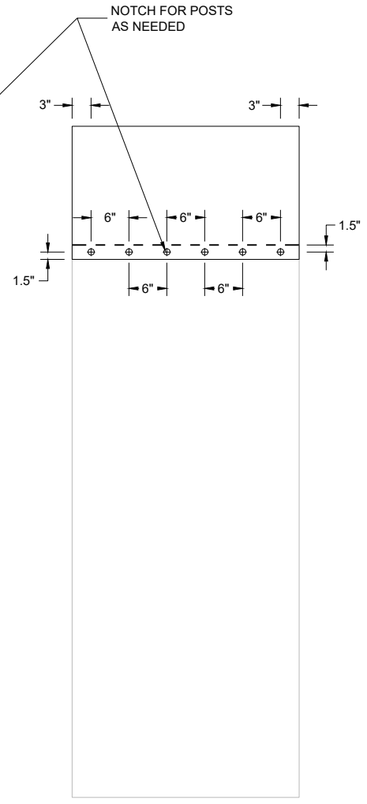
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SDD 15C02-10g

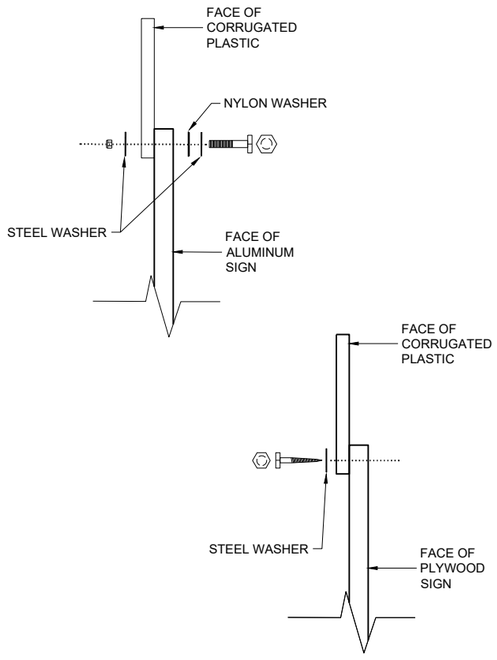
FRONT SIDE



BACK SIDE



SIDE VIEW



GENERAL NOTES

CELLS OF CORRUGATED PLASTIC SHALL BE VERTICALLY ORIENTED.

PROVIDE A 0.4-INCH THICK BASE CORRUGATED PLASTIC WITH A 0.035-INCH WALL THICKNESS AND 0.4-INCH CELL SIZE.

FOR 36" WIDE SIGNS: USE 6 FASTENERS AS SHOWN.

FOR 24" WIDE SIGNS: USE 4 FASTENERS WITH EDGE SPACING AS SHOWN AND 6" SPACING BETWEEN FASTENERS.

METAL WASHERS, NUTS, BOLTS AND LAGS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3.
B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

PLYWOOD SIGNS:
LAG SCREWS - 5/16" x 1"
ALUMINUM SIGNS:
MACHINE BOLTS - 5/16" x 1-1/4" LENGTH W/NUTS
WASHERS:
1-1/4" O.D. x 3/8" I.D. x 1/16" STEEL
1-1/4" O.D. x 3/8" I.D. x .080 NYLON

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

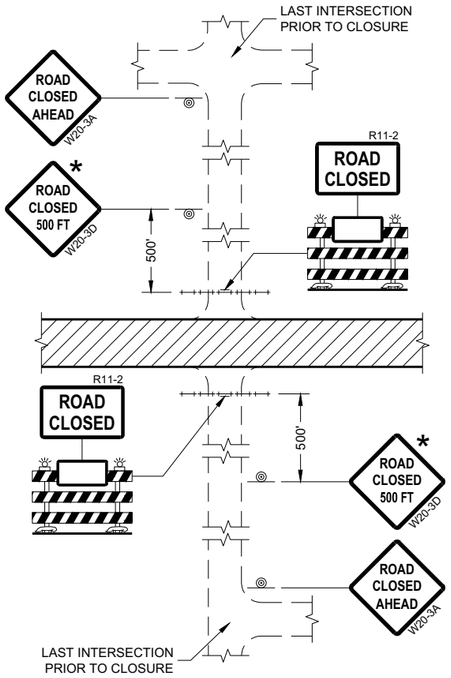
APPROVED
November 2025
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

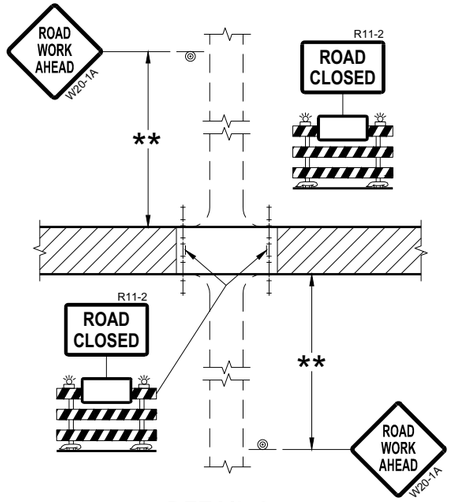
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SDD 15C02-10h



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

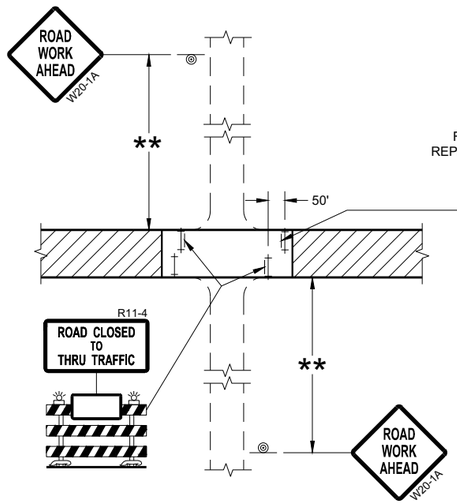
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

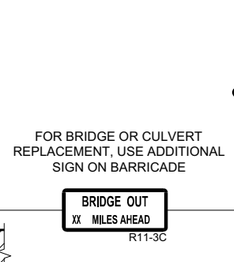
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

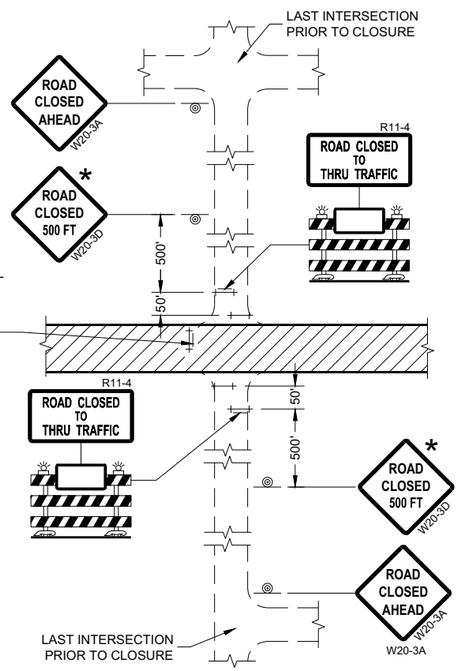
ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.







DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

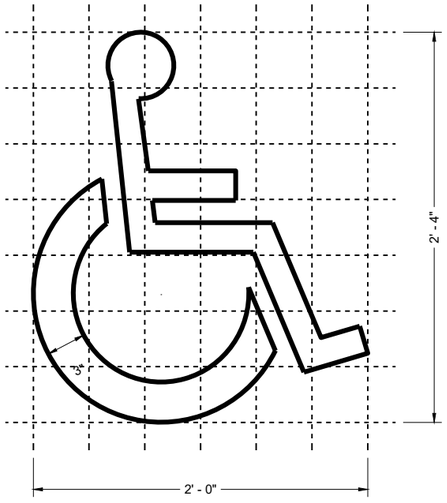
FHWA

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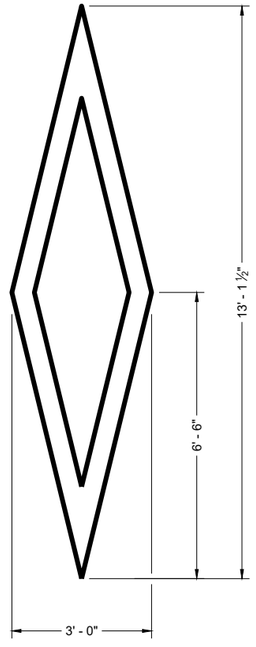
SDD 15C03 - 05

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024
DATE

/S/ Jeannie Silver
STATE SIGNING AND MARKING ENGINEER

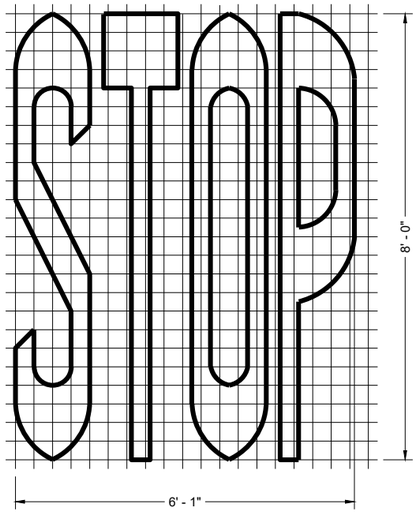
FHWA

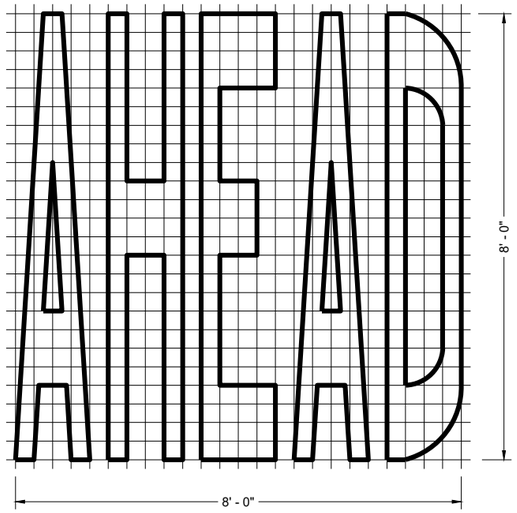
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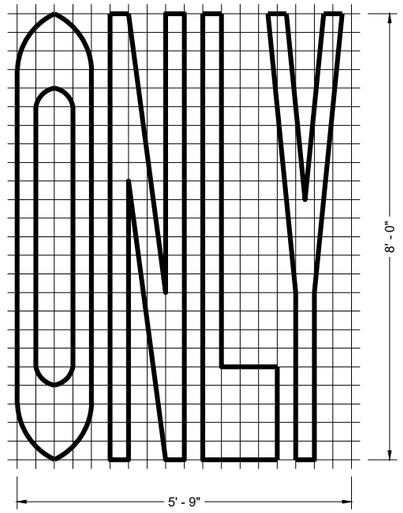
SDD 15C07-16a

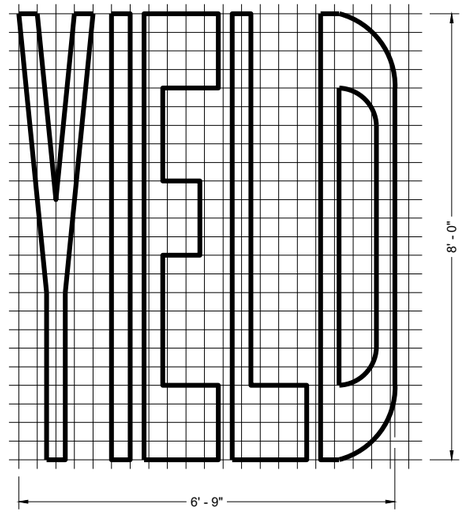
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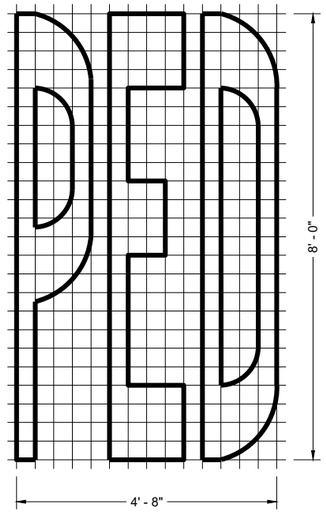
SDD 15C07-16a

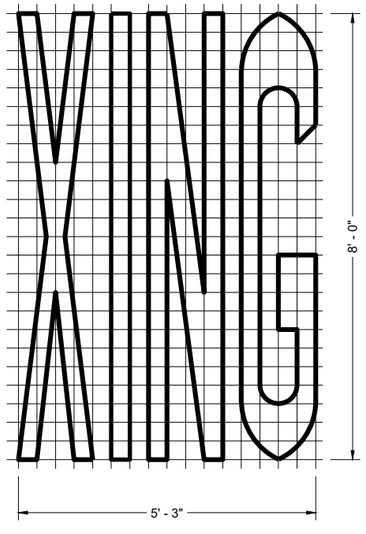


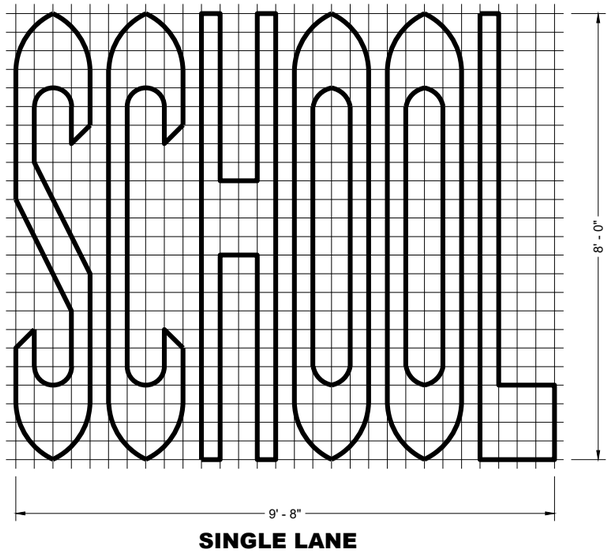




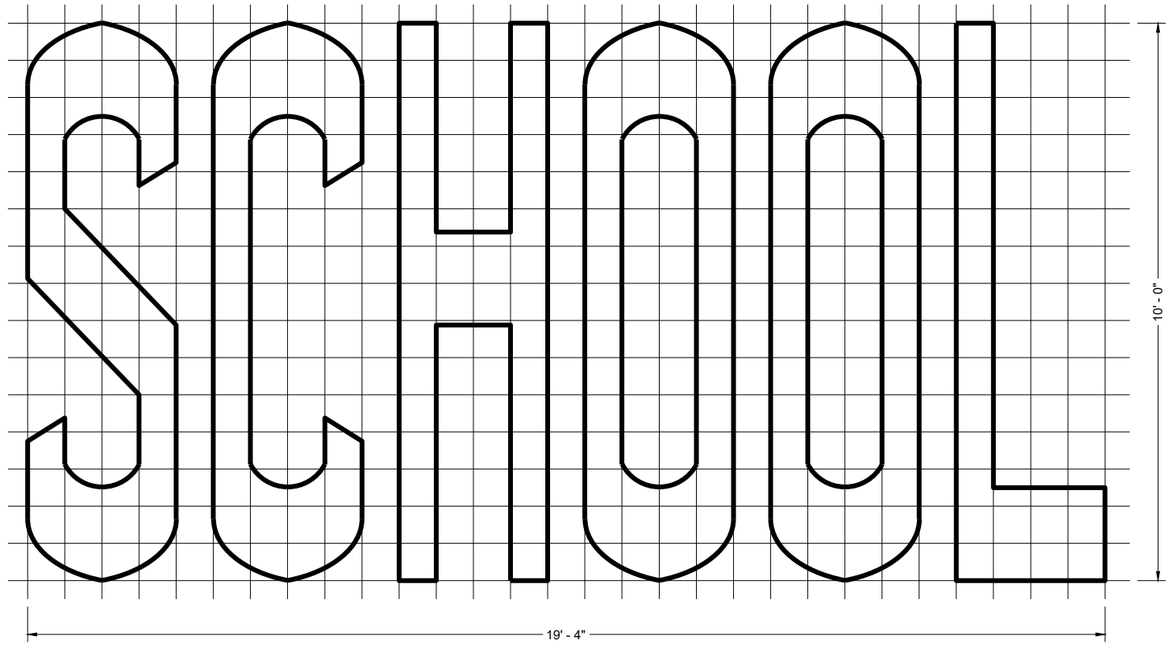








SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

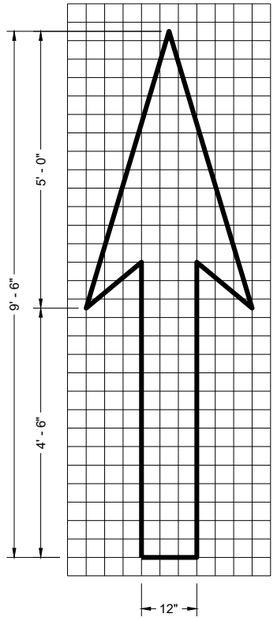
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SDD 15C07-16b

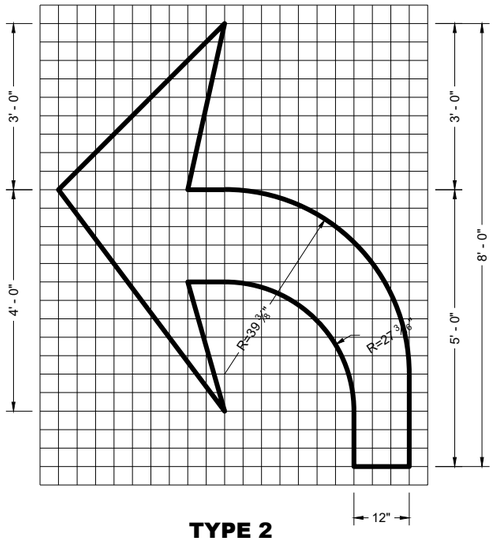
SDD 15C07-16b

GENERAL NOTES

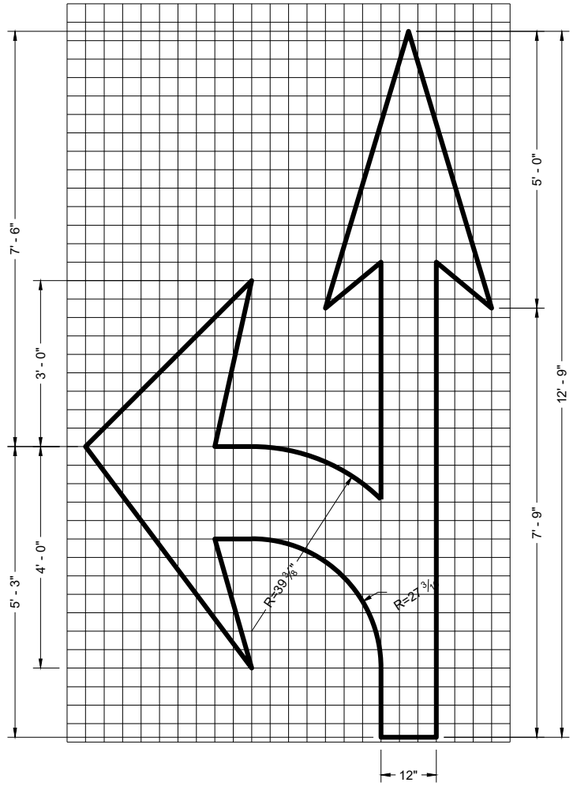
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



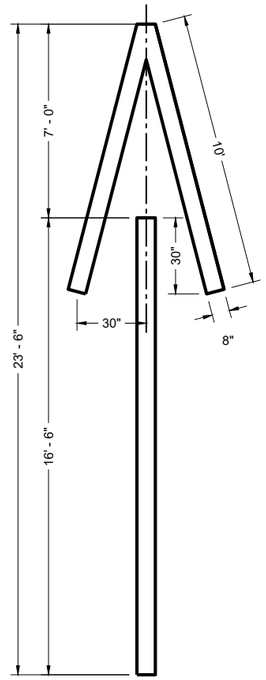
TYPE 1



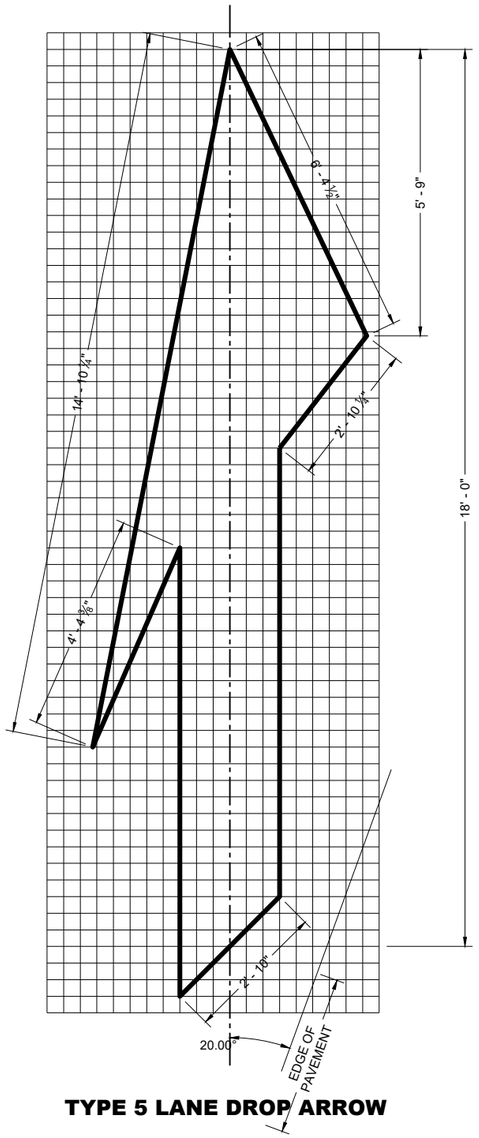
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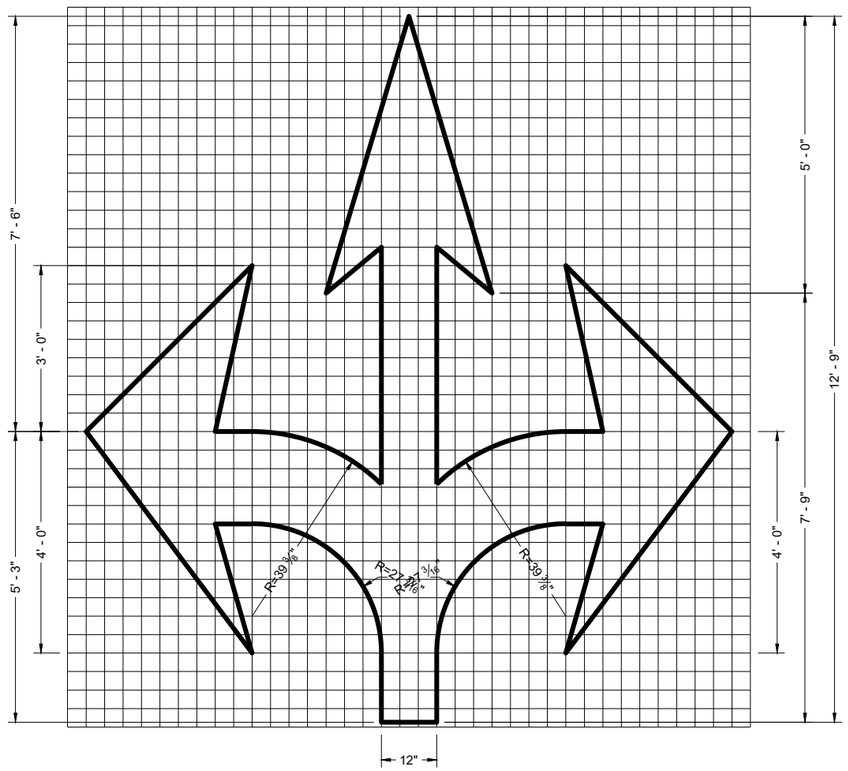
TYPE 3



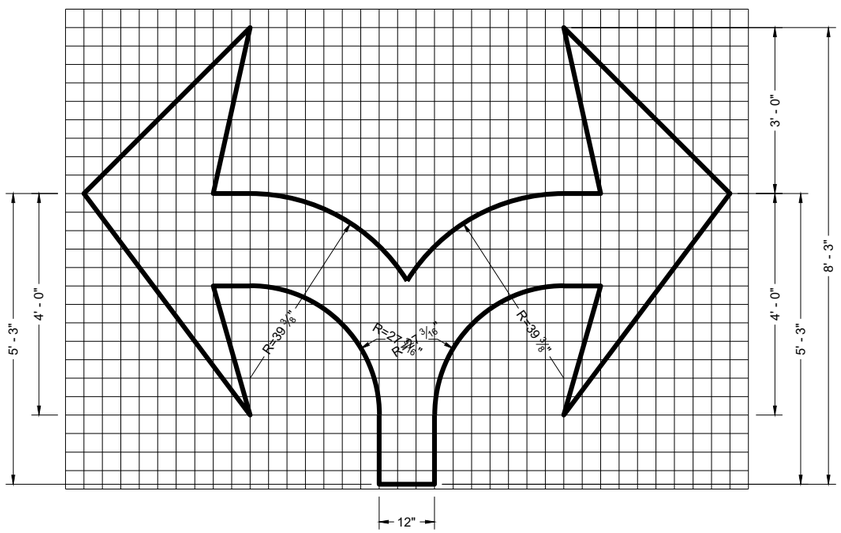
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

SDD 15C07-16c

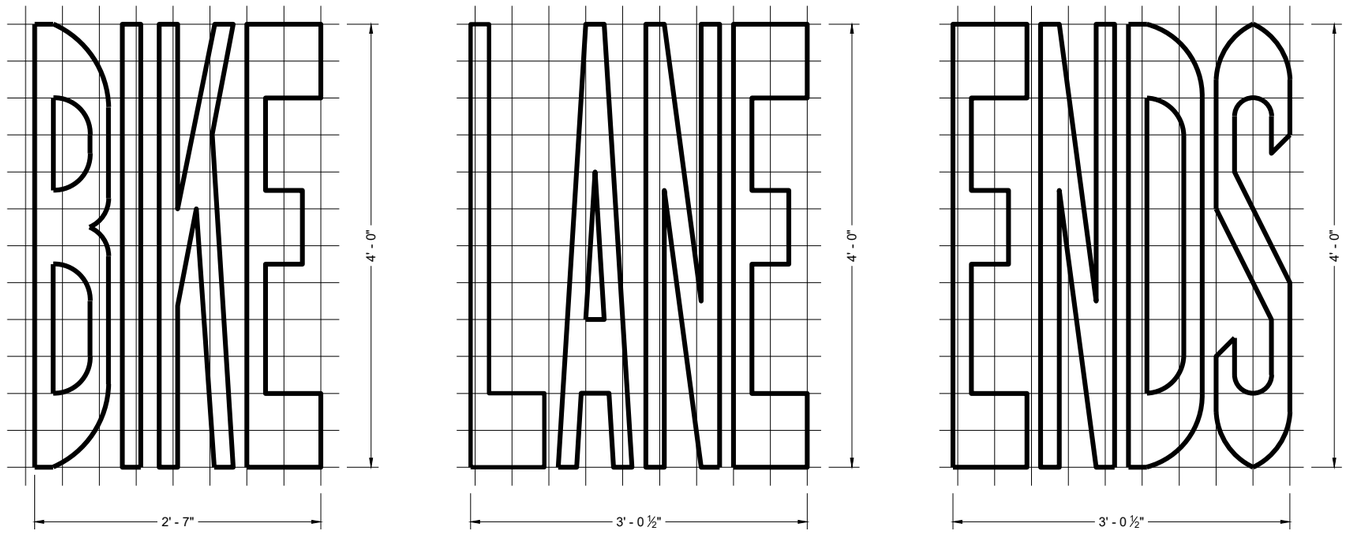
PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

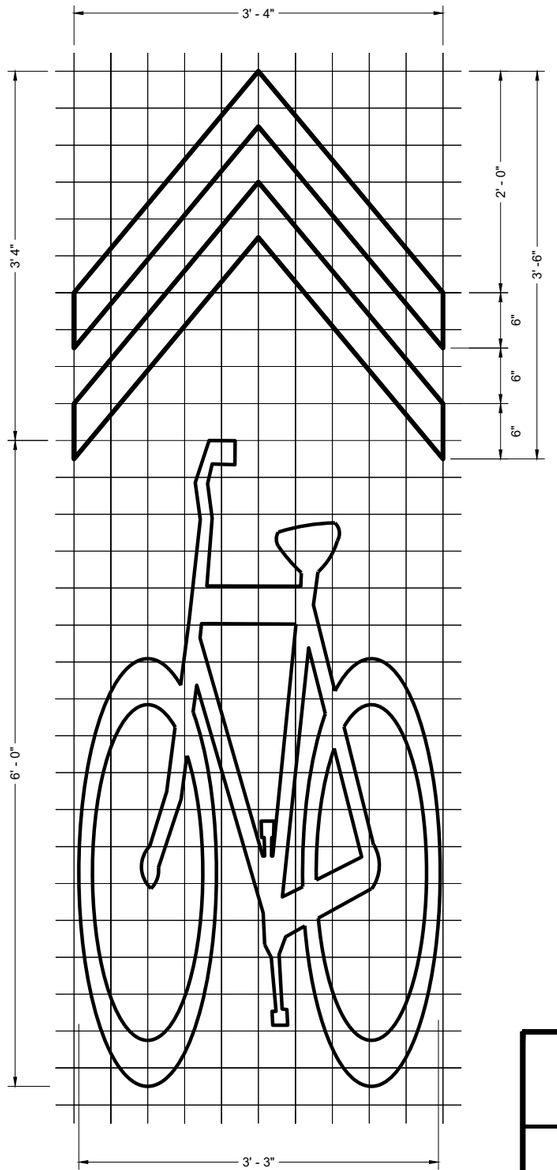
SDD 15C07-16c



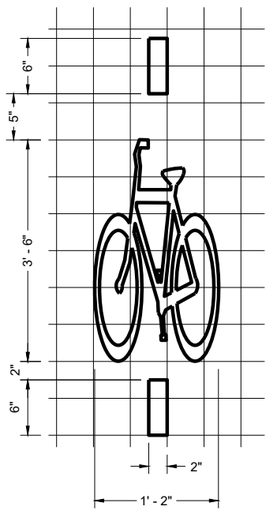
BIKE LANE WORDS

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

BIKE LANE SYMBOL

BIKE LANE SYMBOL FOR SHARED LANE

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C07-16e

6

SDD 15C07-16e

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

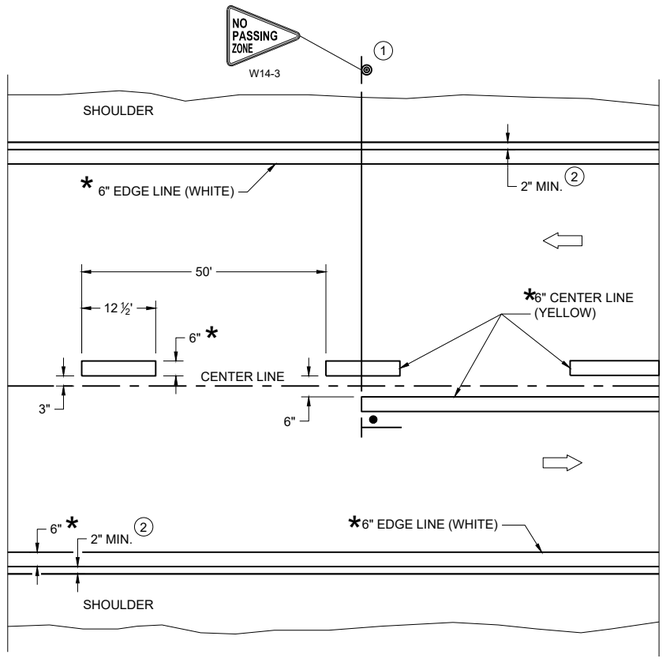
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

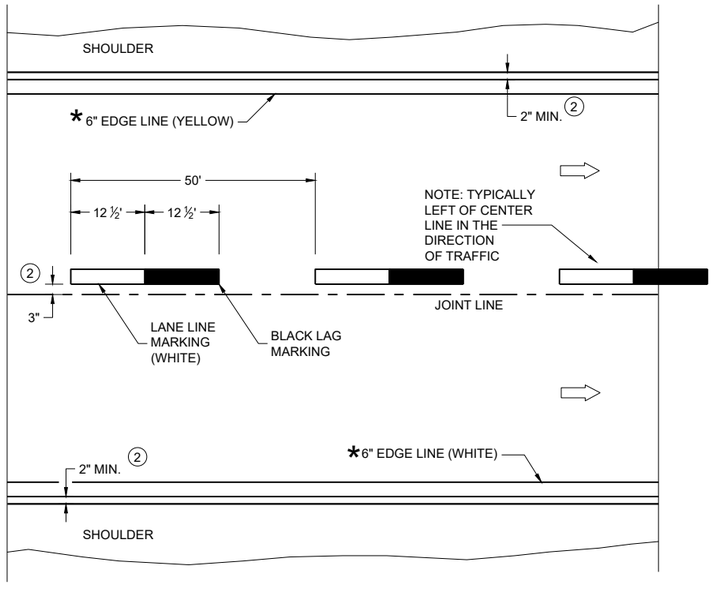
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

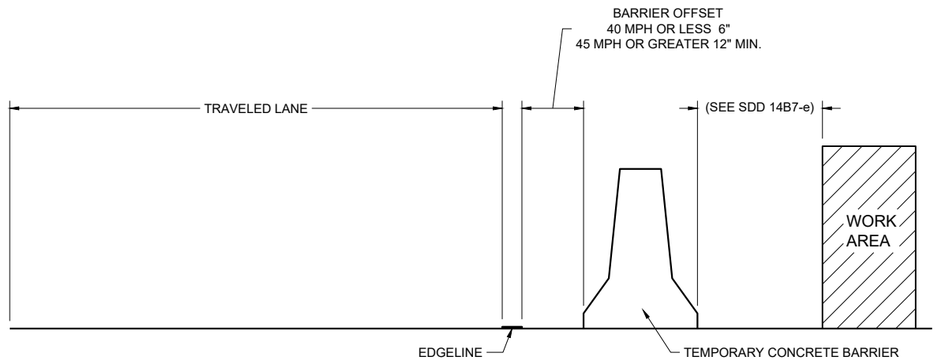
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

SDD 15C08-24a



TEMPORARY BARRIER OFFSET FROM EDGELINE

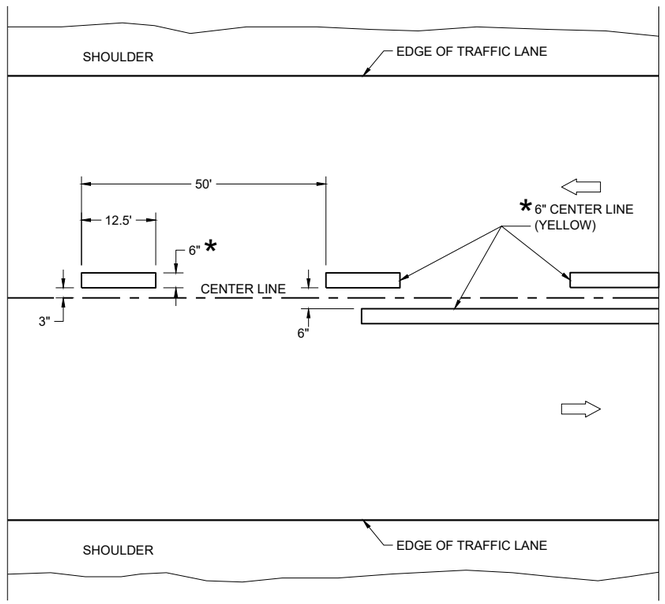
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

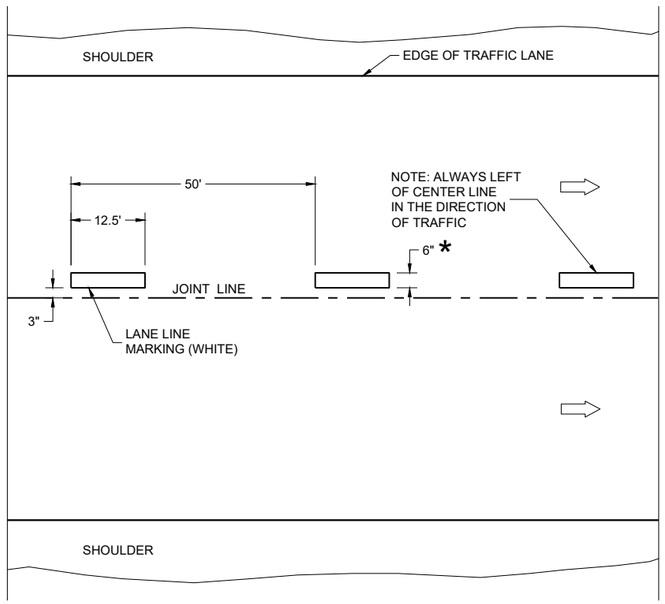
LEGEND

DIRECTION OF TRAFFIC

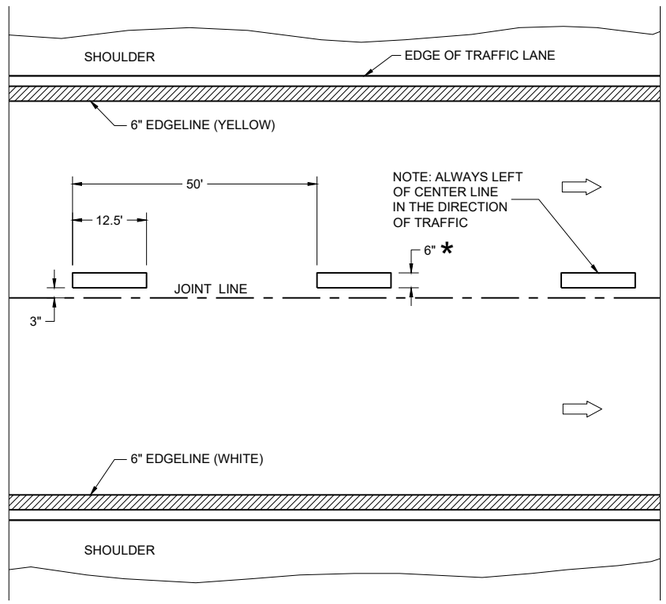
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6

SDD 15C08-24b

6

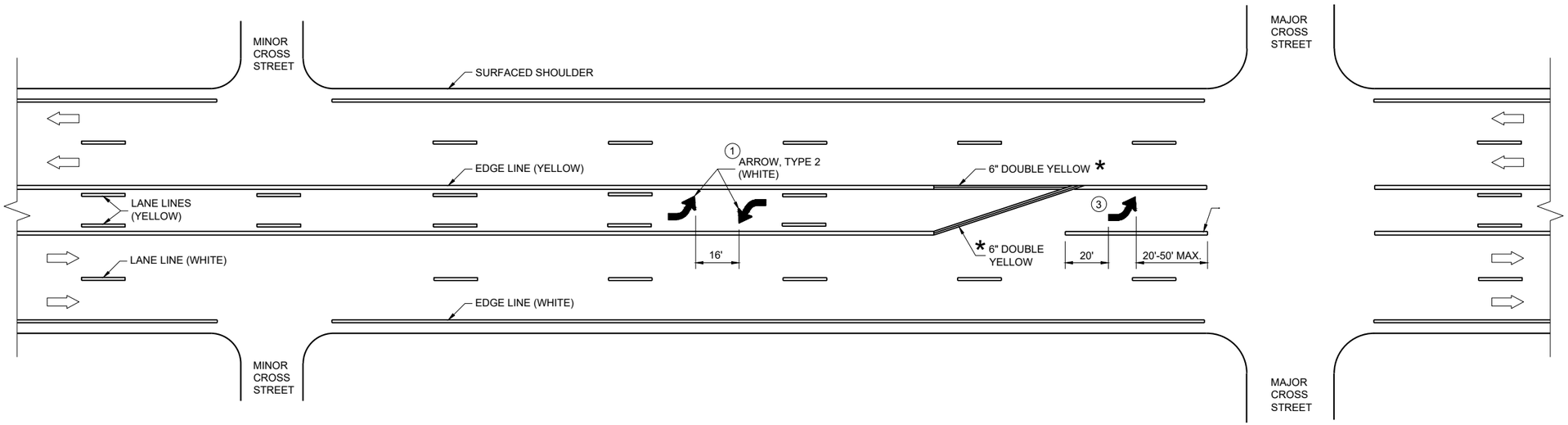
SDD 15C08-24b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



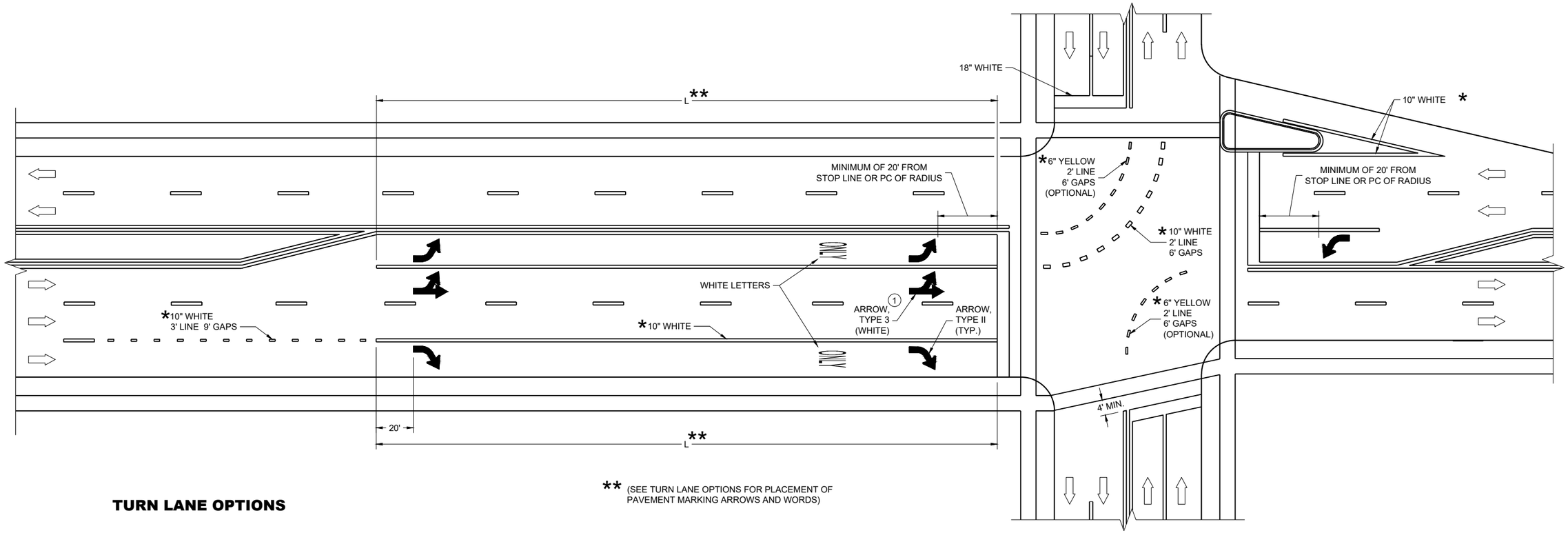
TWO WAY LEFT TURN LANE

6

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

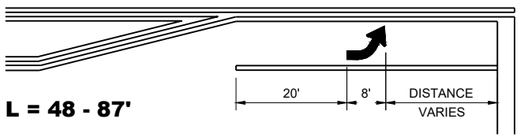
SDD 15C08-24c



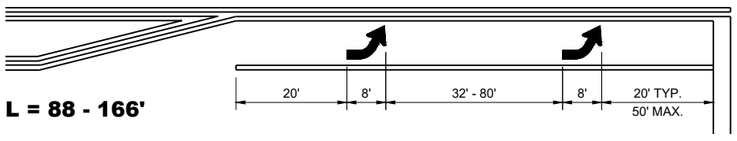
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

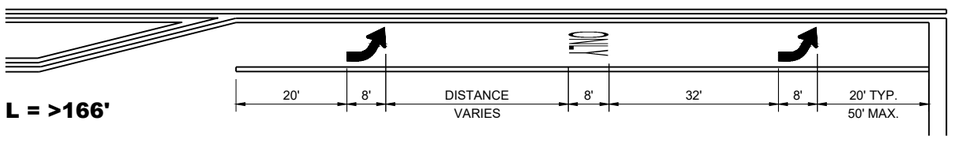
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT
REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

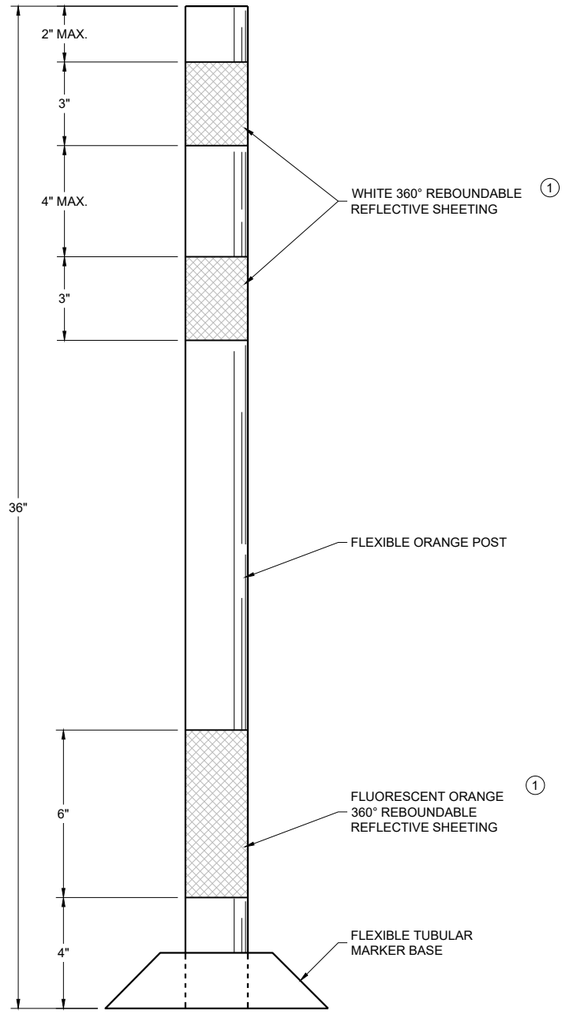
DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



FLEXIBLE TUBULAR MARKER POST WORK ZONE

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

6

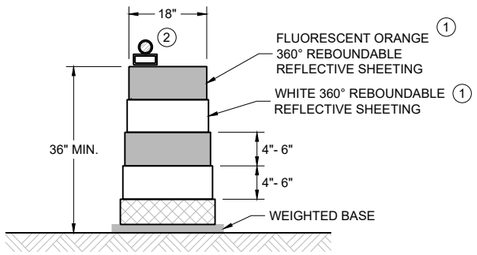
CHANNELIZING DEVICES
FLEXIBLE TUBULAR
MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

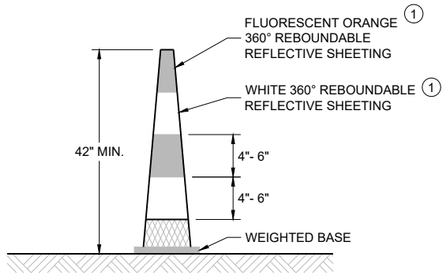
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

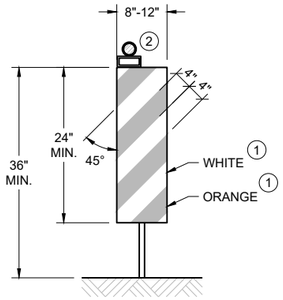
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

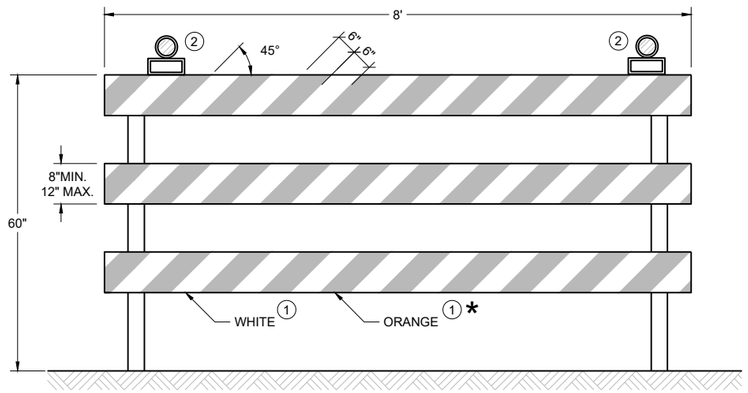
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15C11-11b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

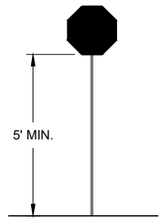
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



STOP/SLOW PADDLE ON SUPPORT STAFF

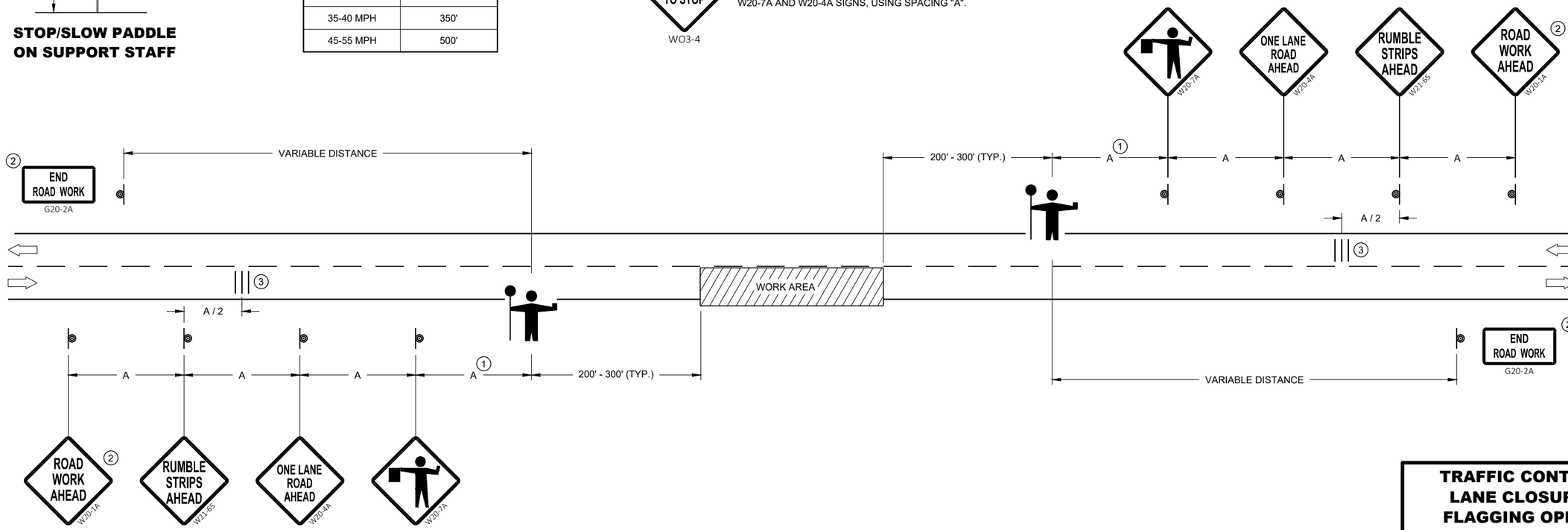
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

700

FHWA

6
SDD 15C12 - 09a

GENERAL NOTES

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL CONE 42-INCH

TRAFFIC CONTROL DRUM

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

AFAD — AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

IF THE AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) STOPS WORKING, FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

(1) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(2) IF FLAGGERS ARE PHYSICALLY NEEDED TO FLAG, REPLACE WO3-4 SIGNS WITH W20-7A SIGNS.

TEMPORARY PORTABLE RUMBLE STRIPS

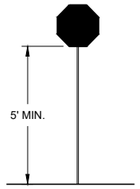
UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

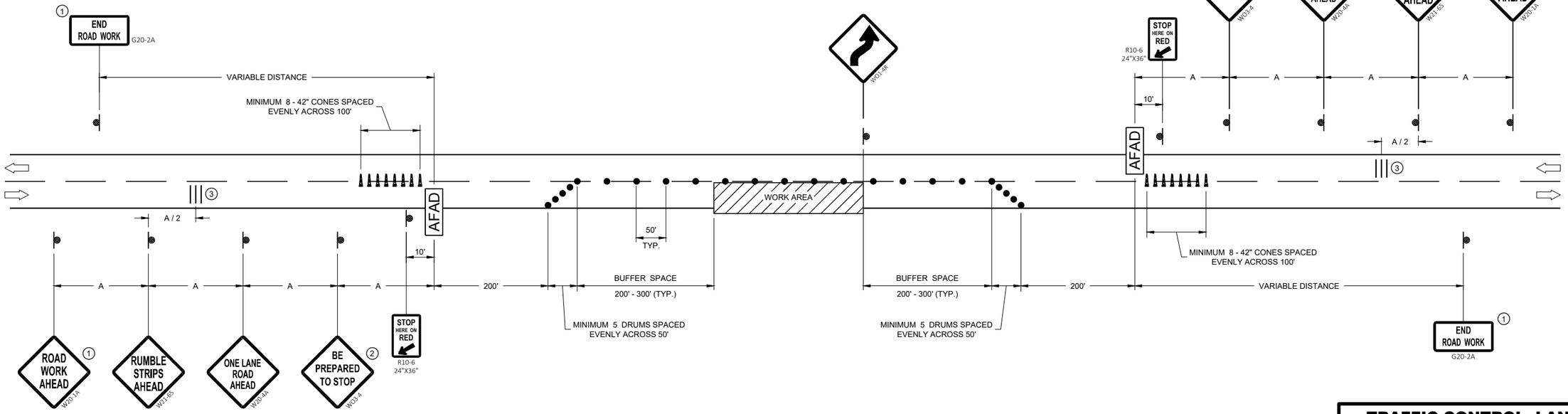
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSELY AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.



STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



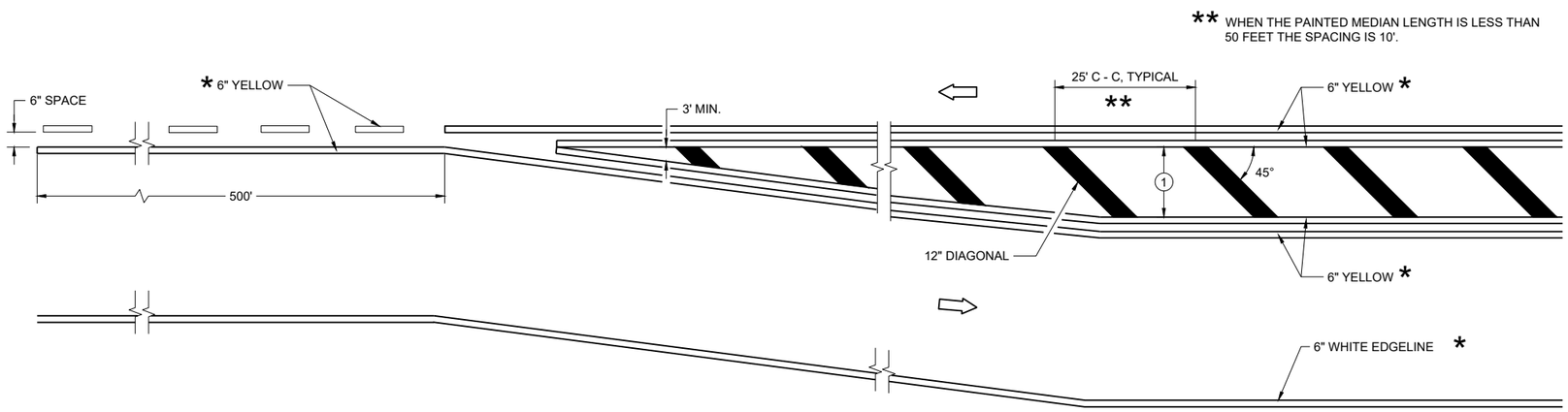
TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
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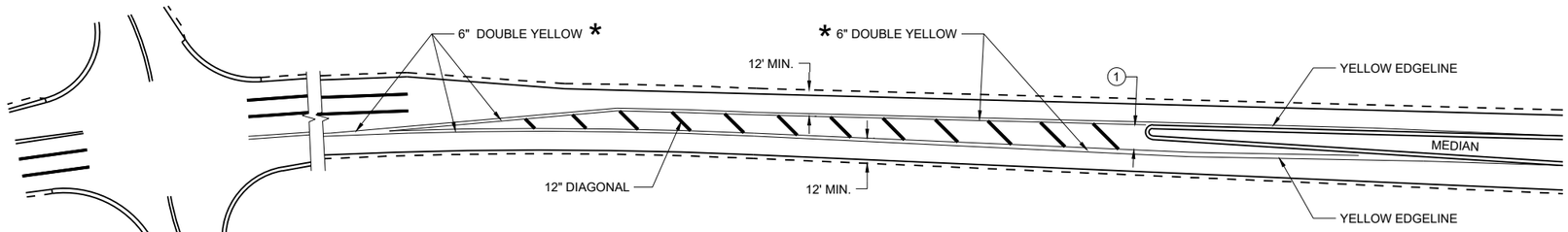
MEDIAN ISLAND DETAIL

GENERAL NOTES

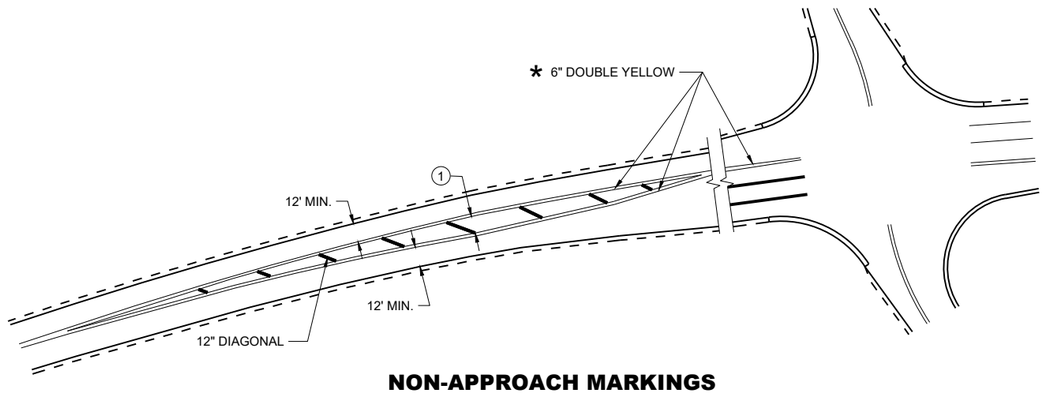
(1) DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

⇨ DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON-APPROACH MARKINGS

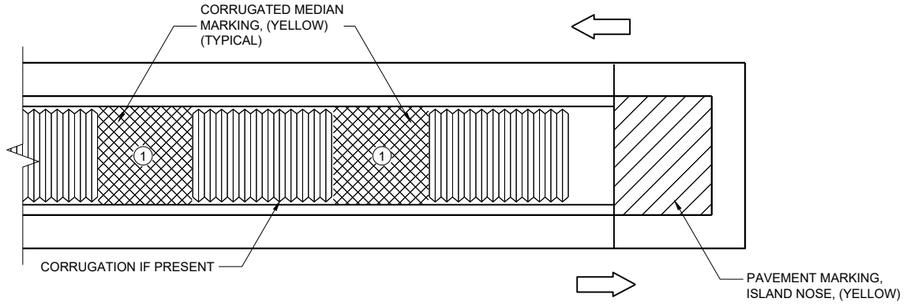
MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

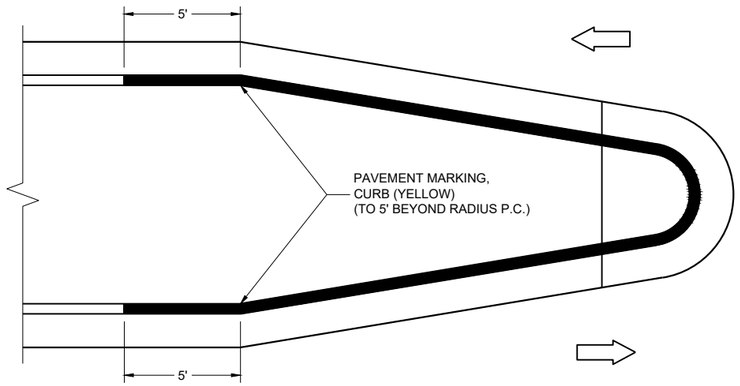
APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

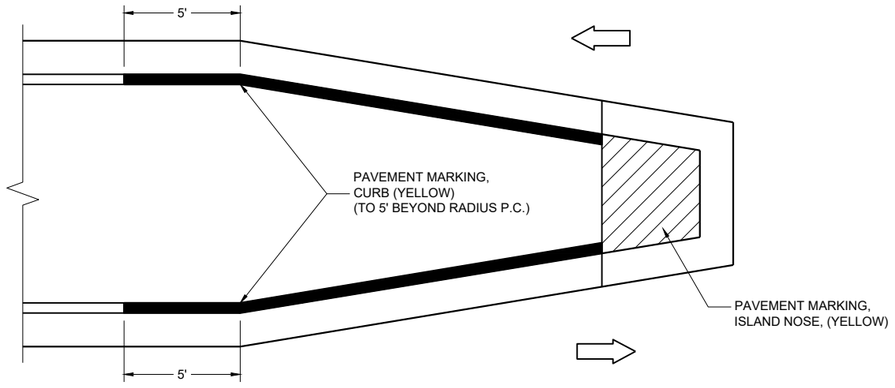
FHWA



MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

**TYPICAL PLACEMENT OF
PAVEMENT MARKING ON MEDIAN ISLANDS**

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

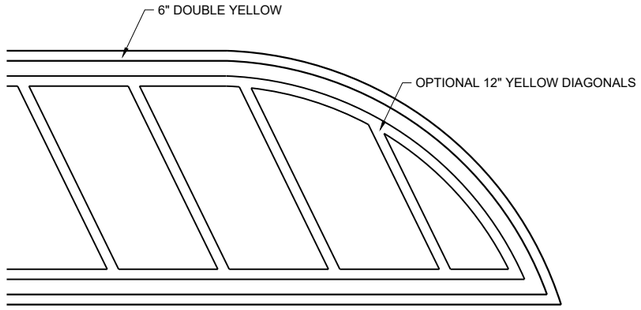
(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL



FLUSH MEDIAN ISLAND NOSE

**PAVEMENT MARKINGS,
MEDIAN ISLAND NOSE**

STATE OF WISCONSIN
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REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED

GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

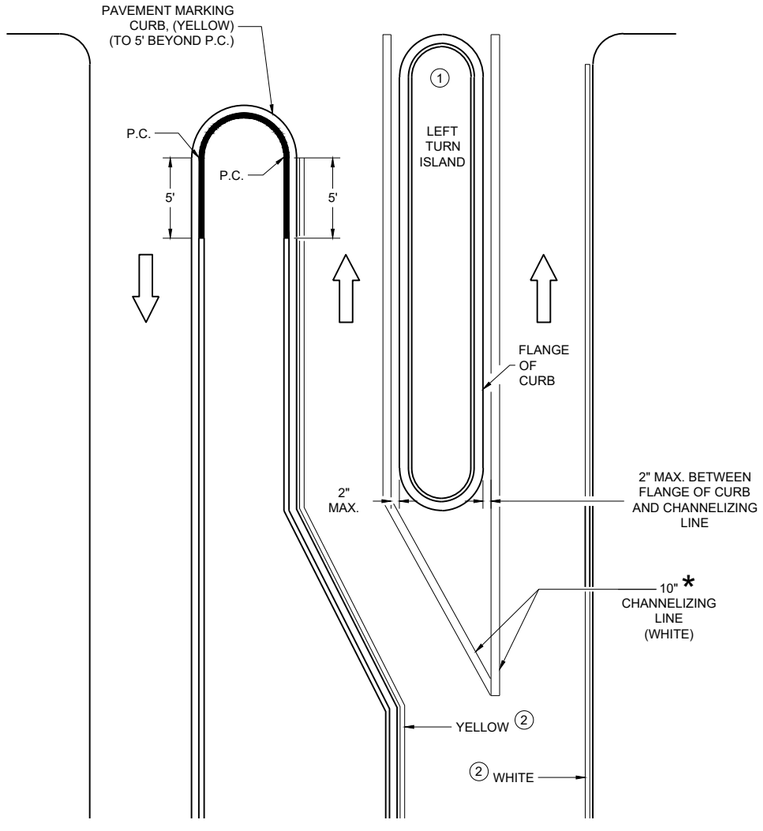
(1) MARK CURB NOSES YELLOW.

(2) MARK ACCORDING TO TABLE.

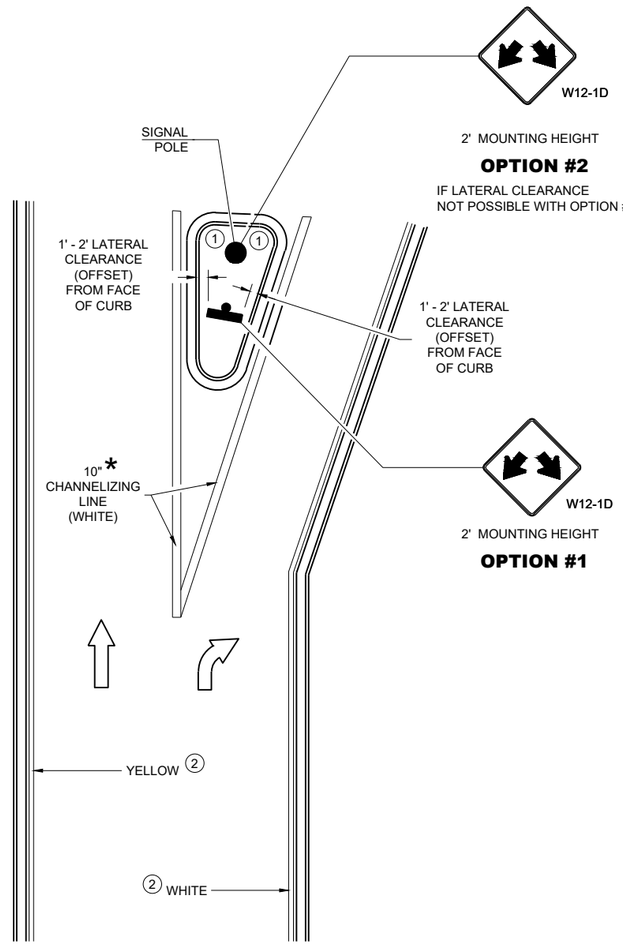
(3) CHEVRON MAY BE OMITTED IF LESS THAN 4" WIDE

DIRECTION OF TRAVEL

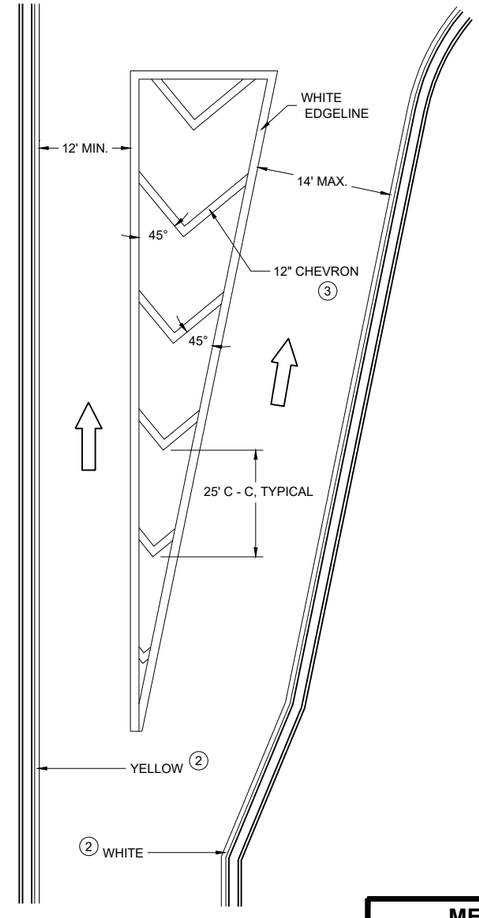
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



LEFT TURN & MEDIAN ISLAND



RIGHT TURN ISLAND



TURN LANE DETAIL

MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

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LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

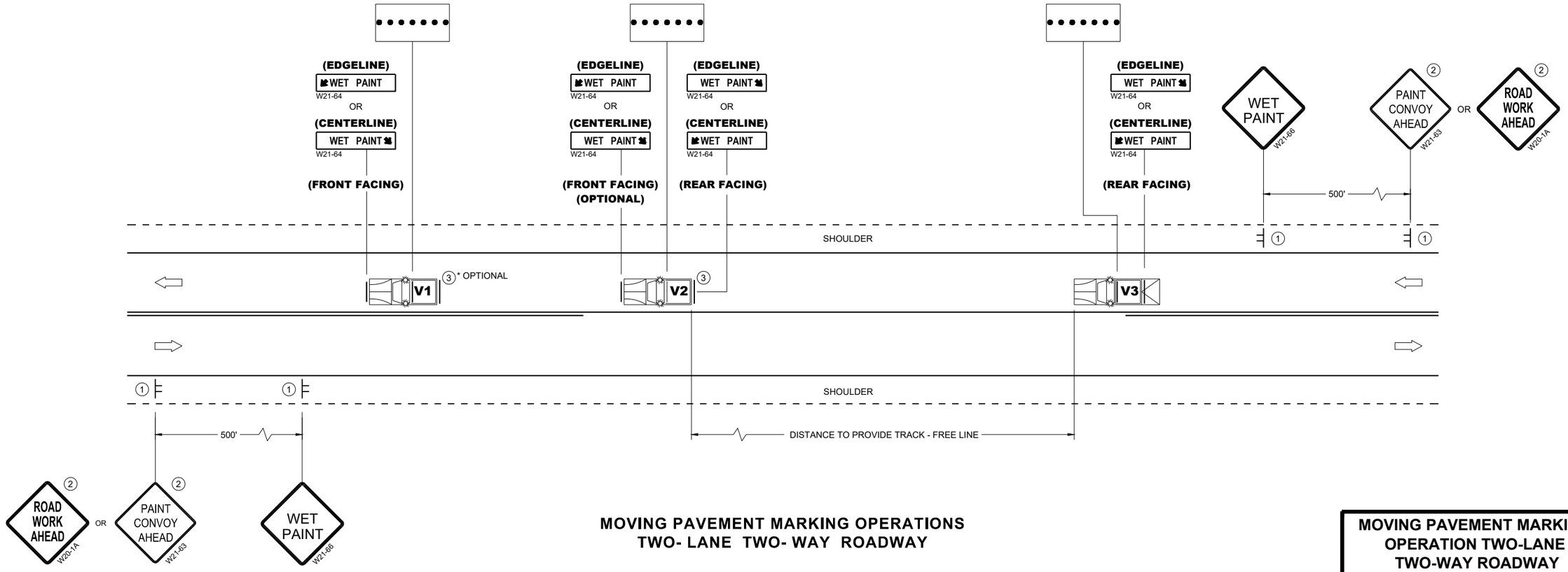
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

(3) V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

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LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

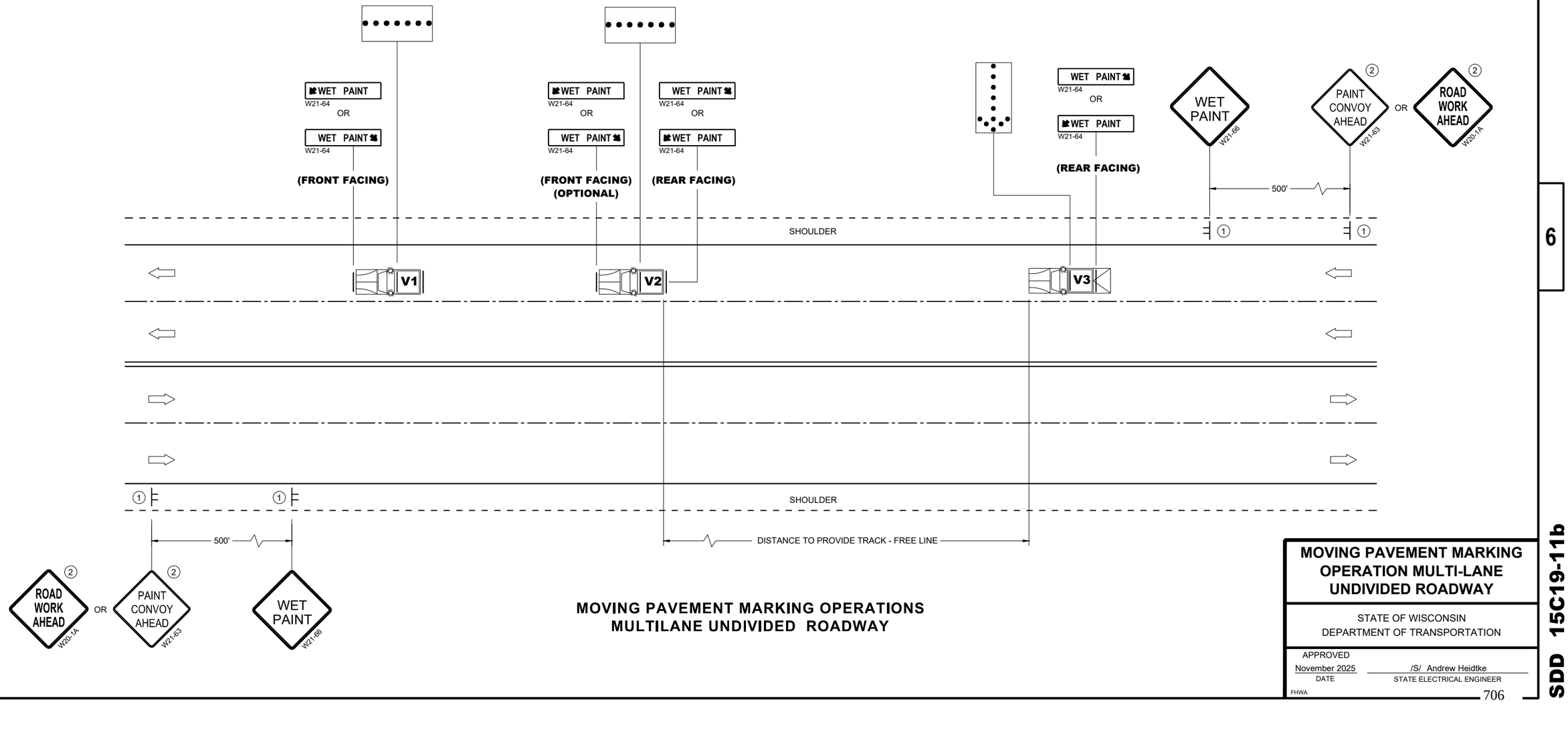
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLES AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL HAVE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS MULTILANE UNDIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

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LEGEND

V1 MARKING VEHICLE

V2 SHADOW VEHICLE

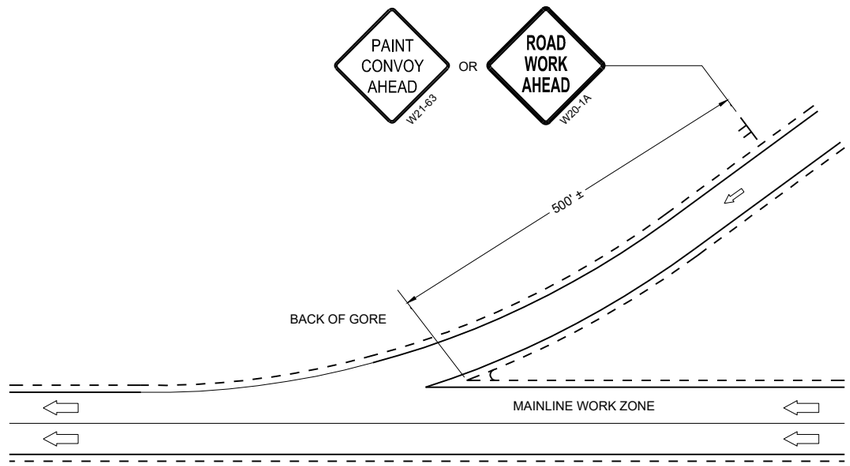
V3 TRAIL VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

ARROW PANEL (CAUTION)



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

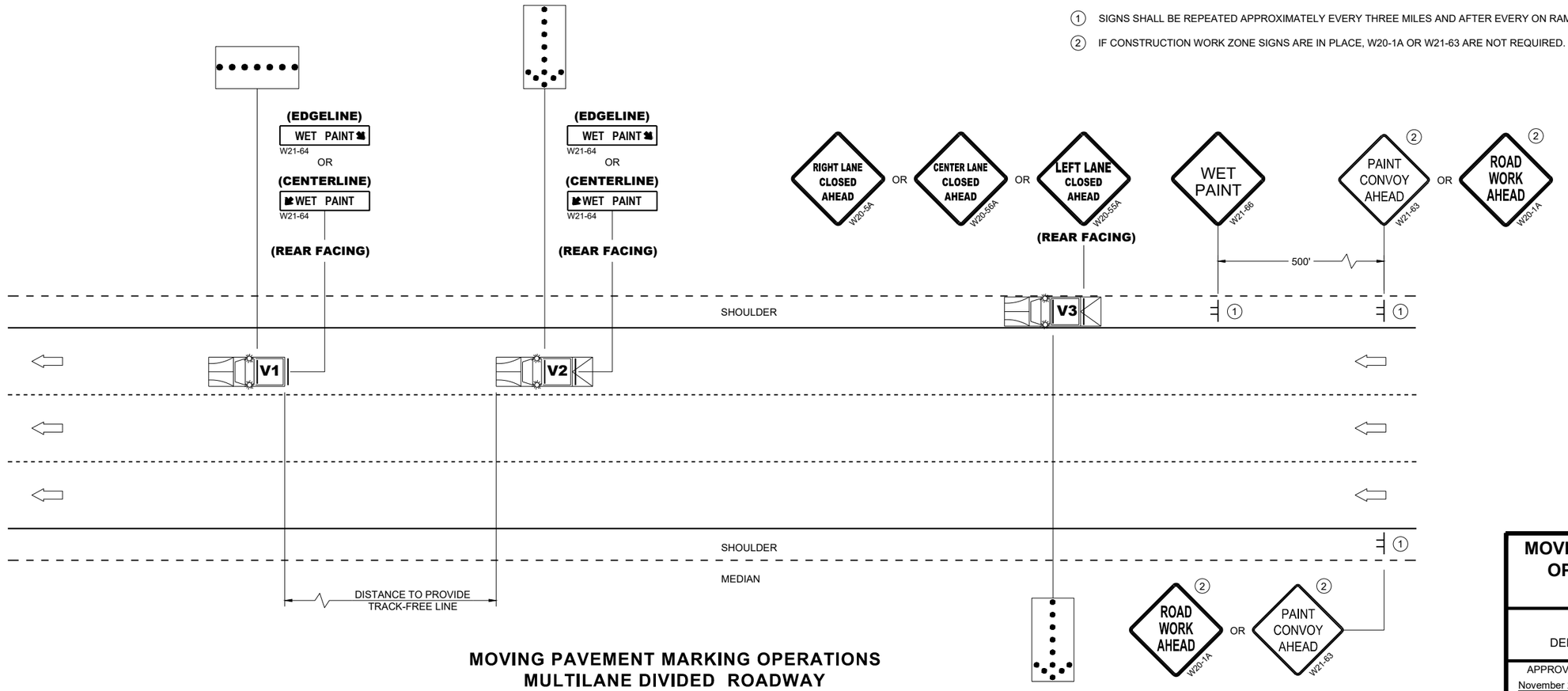
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS MULTILANE DIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

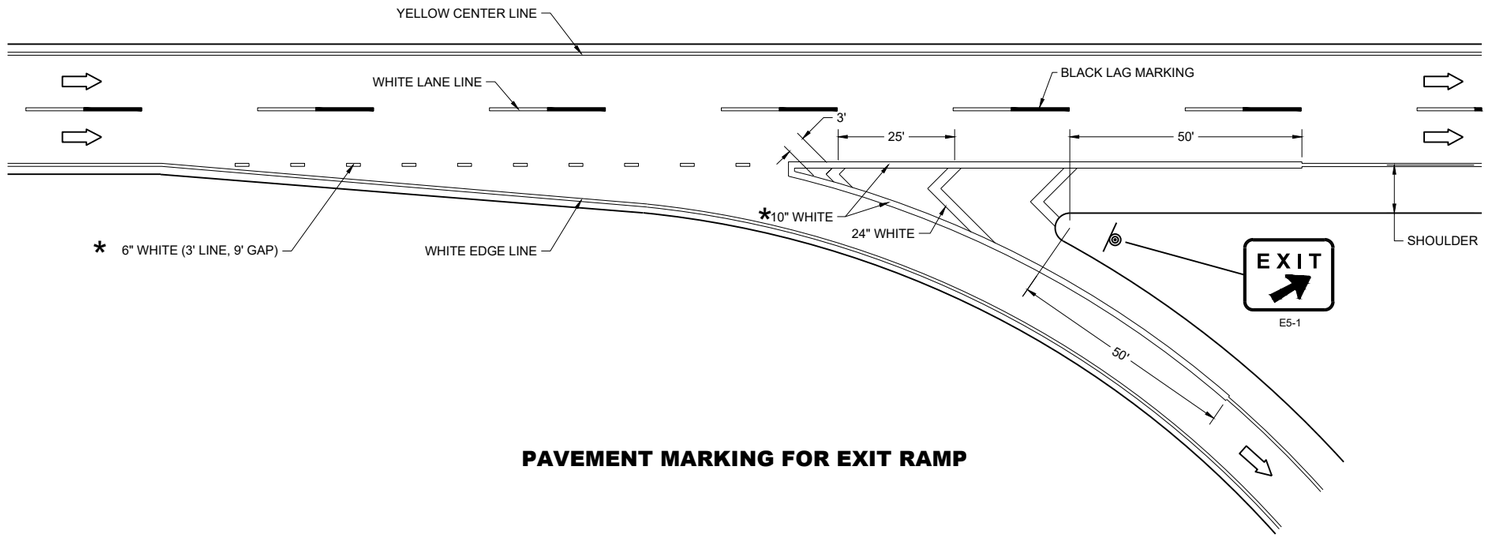
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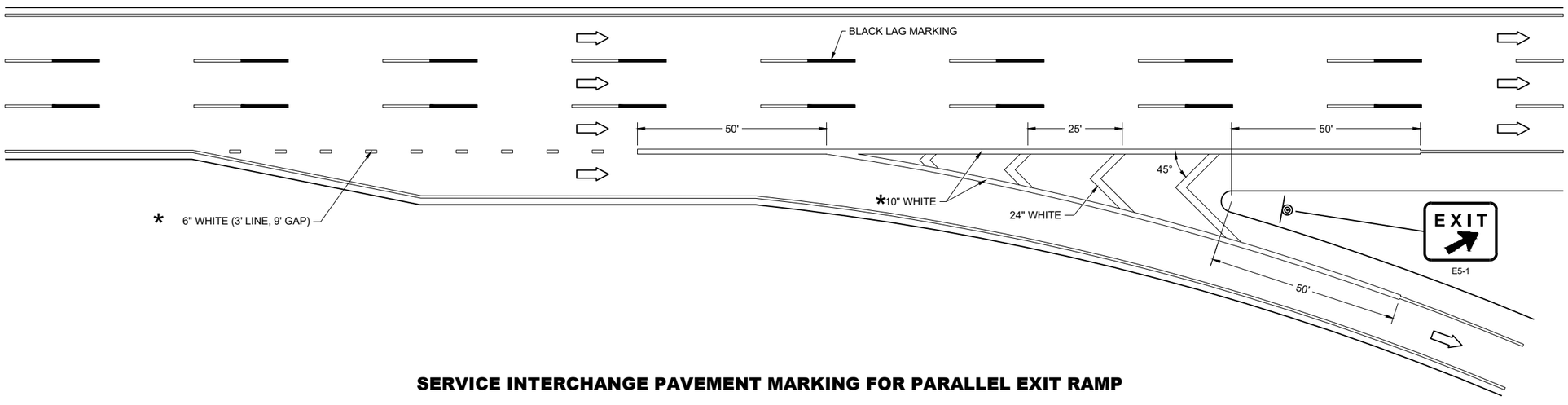
SDD 15C19-11c

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SDD 15C19-11c



PAVEMENT MARKING FOR EXIT RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT RAMP

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

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SDD 15C31-08a

PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 15C31-08a

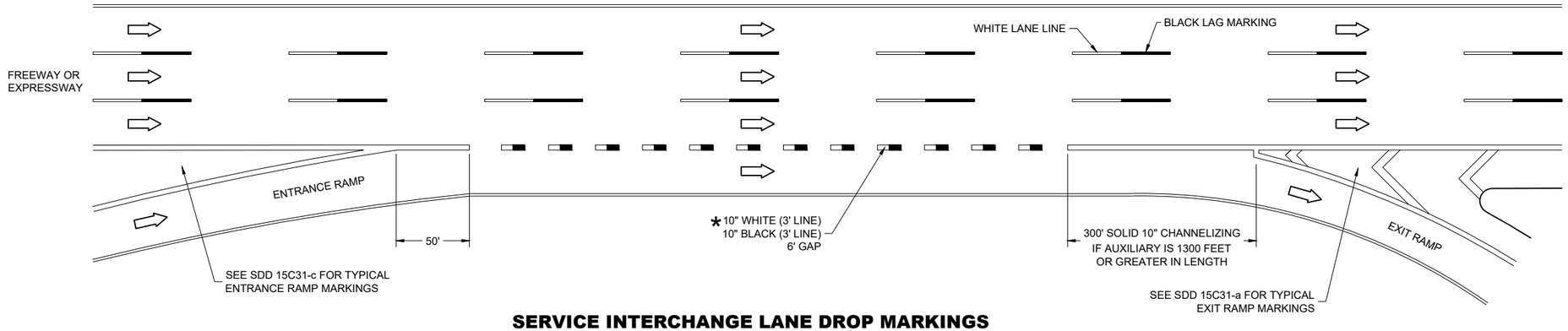
LEGEND

DIRECTION OF TRAVEL

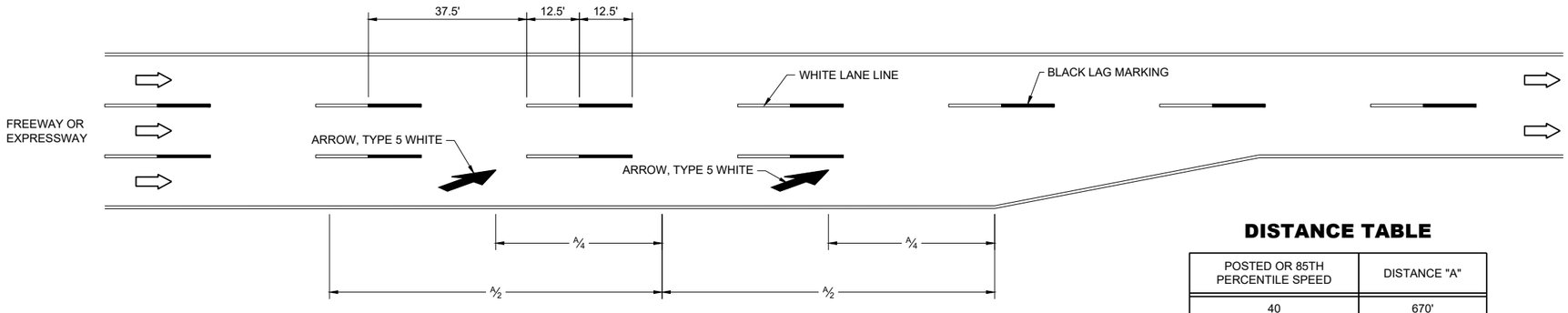
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.



SERVICE INTERCHANGE LANE DROP MARKINGS



LANE REDUCTION MARKINGS

DISTANCE TABLE

POSTED OR 85TH PERCENTILE SPEED	DISTANCE "A"
40	670'
45	775'
50	885'
55	990'
60	1100'
65	1200'
70	1250'

PAVEMENT MARKING, LANE DROP AND LANE REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Matthew Rauch — WORK ZONE ENGINEER
FHWA

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SDD 15C31-08d

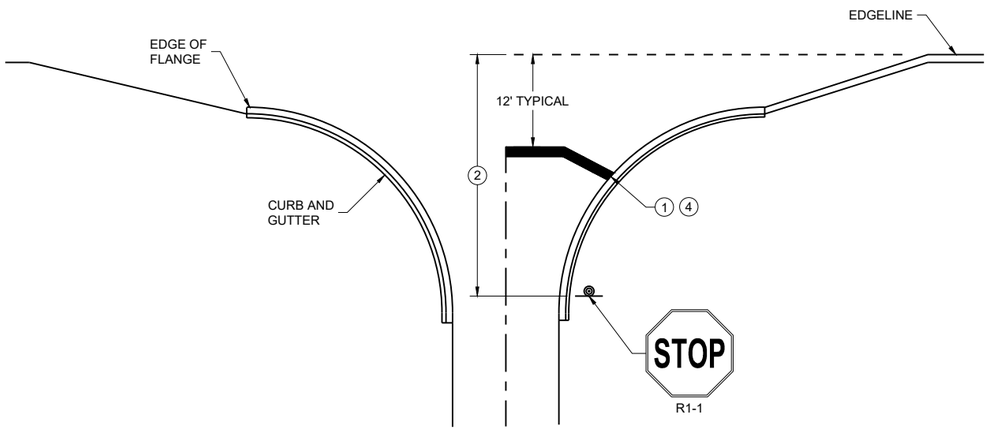
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SDD 15C31-08d

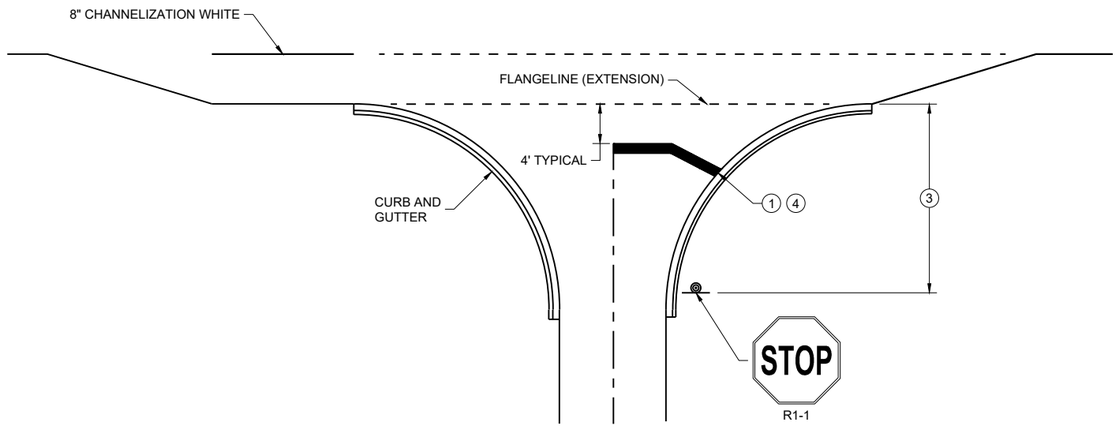
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

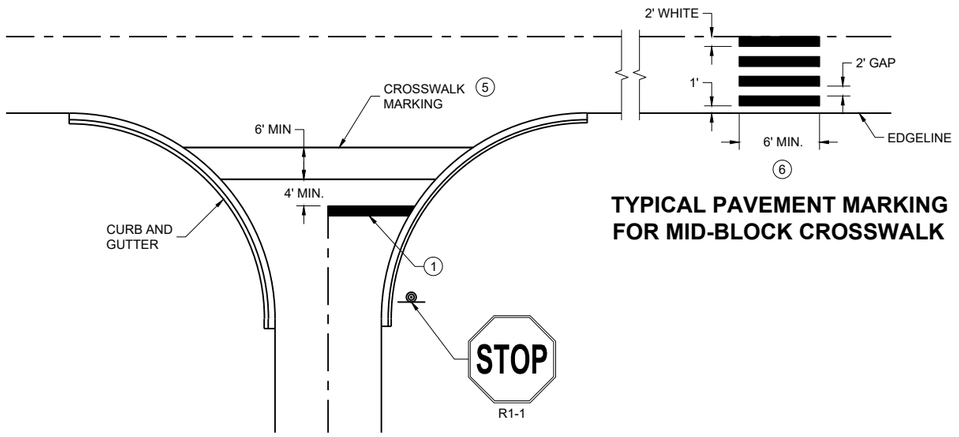
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

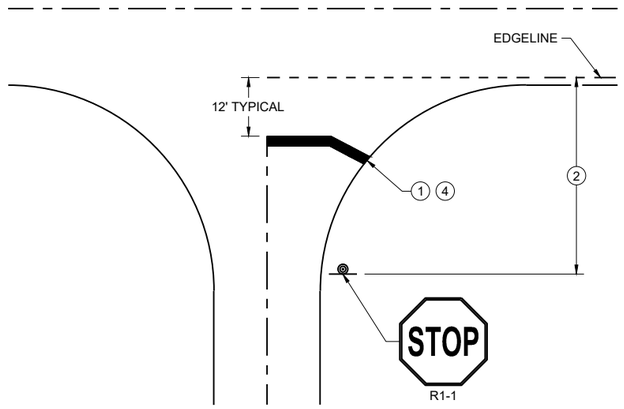


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

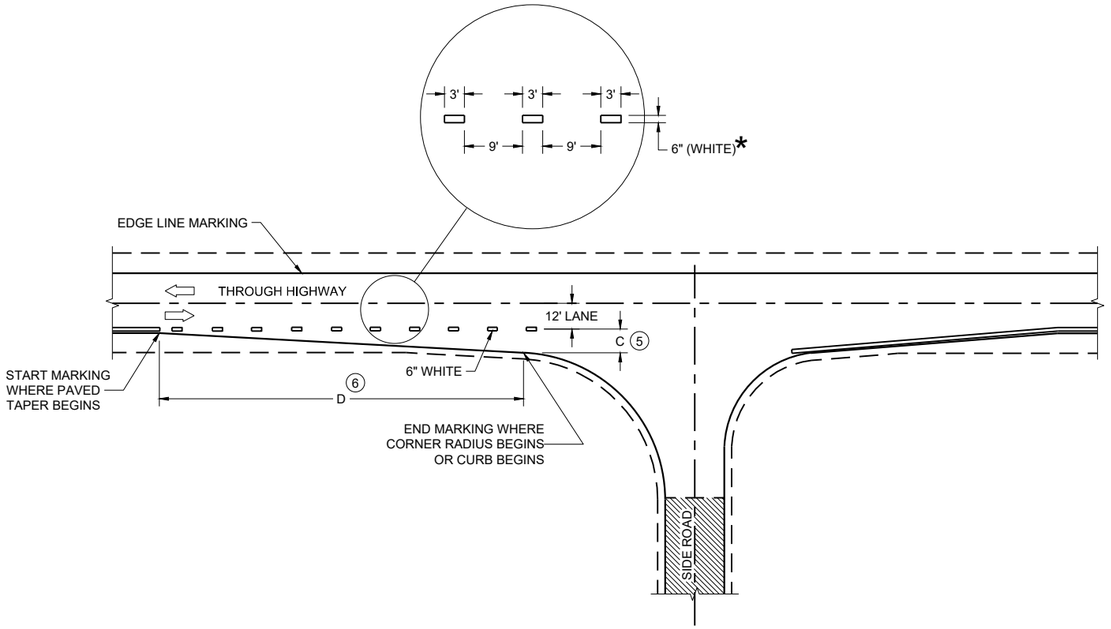
FHWA

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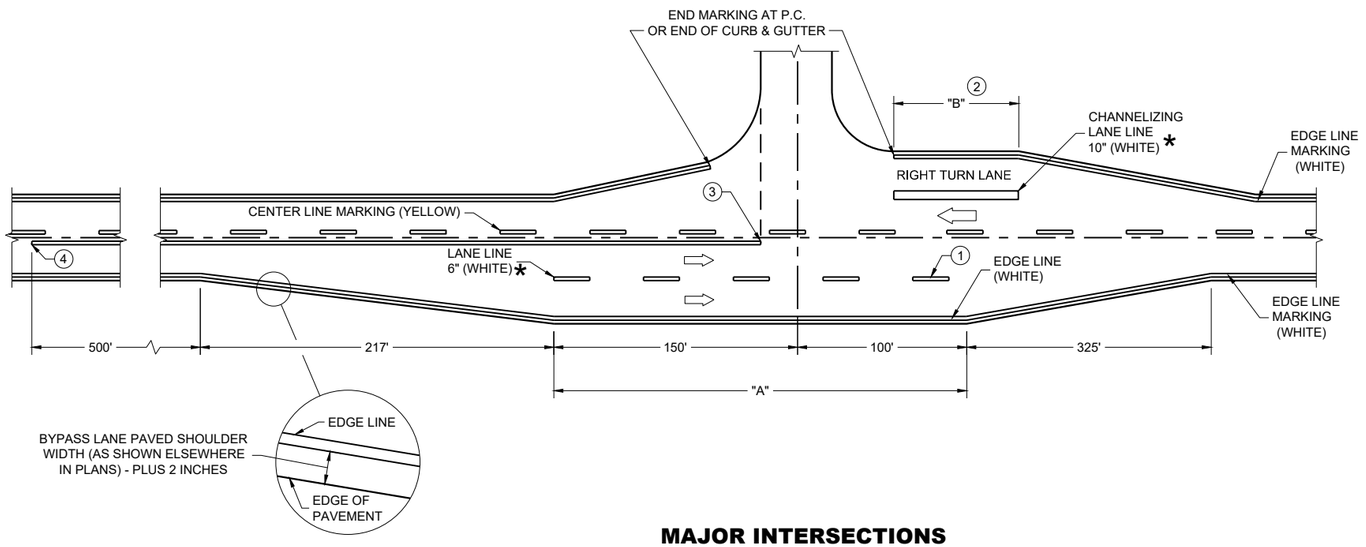
SDD 15C33-05

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SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

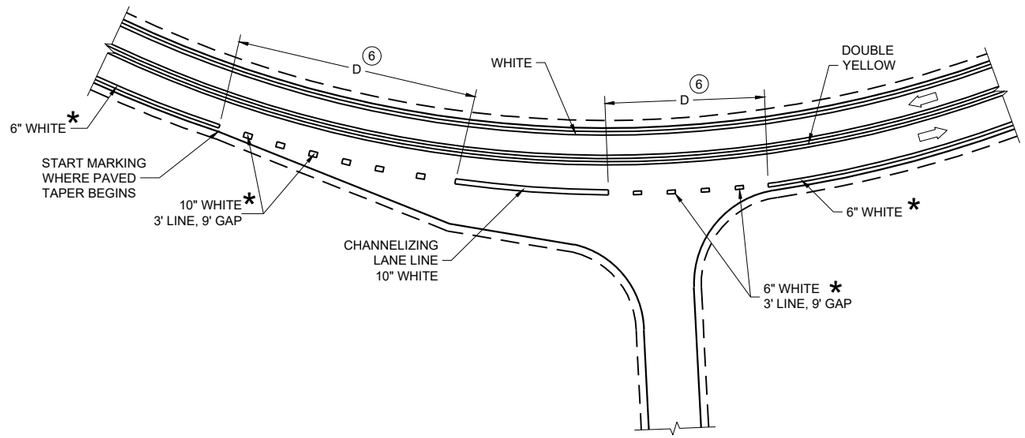
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

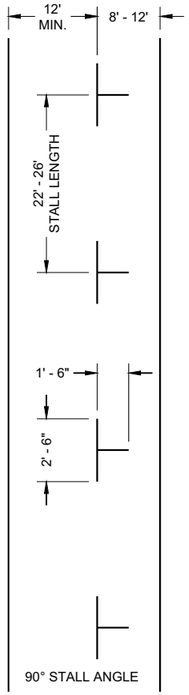
DIRECTION OF TRAVEL



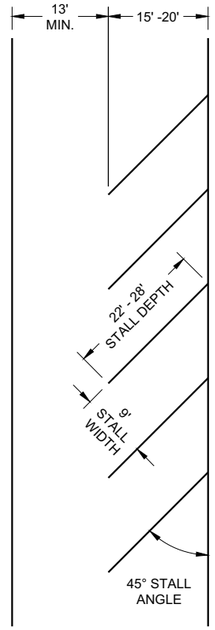
INTERSECTION ON OUTSIDE OF CURVE

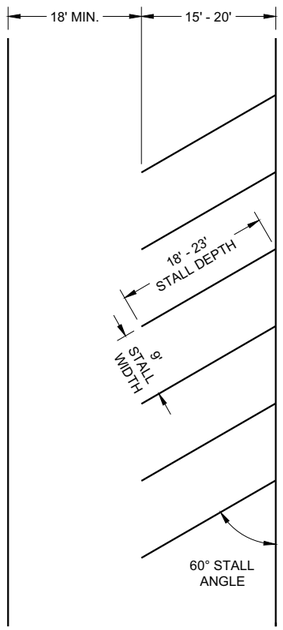
PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



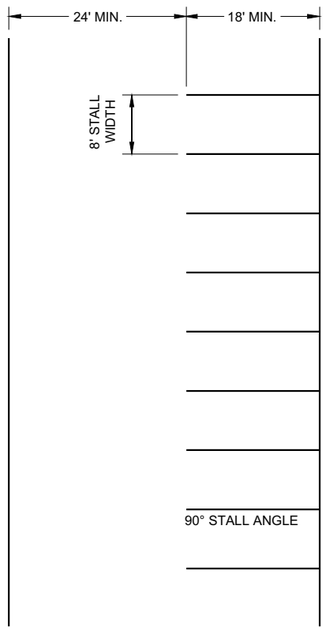
PARALLEL PARKING





ANGLED PARKING

(ANGLED PARKING IS NOT ALLOWED ON STATE HIGHWAYS UNLESS A DESIGN JUSTIFICATION HAS BEEN COMPLETED.)



PARKING LOTS

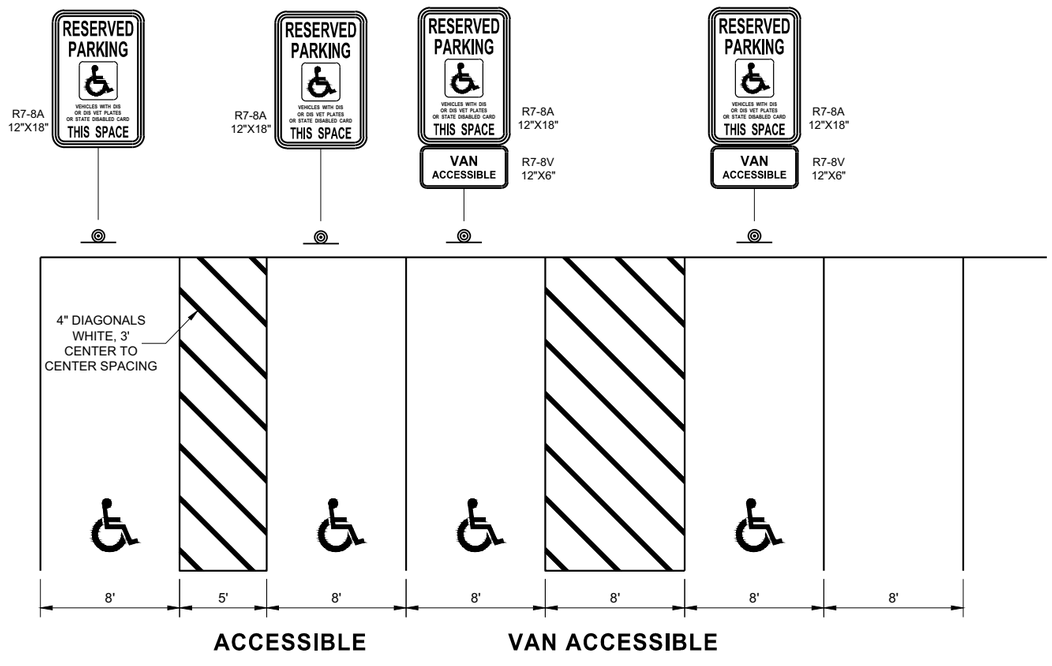
GENERAL NOTES

ALL LINES 4" WHITE (UNLESS OTHERWISE NOTED)

LAST PARKING STALL IS A MINIMUM OF 15' FROM THE CROSSWALK.

LEGEND

SIGN ON PERMANENT SUPPORT



ACCESSIBLE

VAN ACCESSIBLE

PARKING STALL MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

FHWA

SDD 15C36 - 01

SDD 15C36 - 01

6

6

LEGEND

- SIGN ON PERMANENT SUPPORT
- DELINEATOR, FLEXIBLE/TUBULAR MARKER
- DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

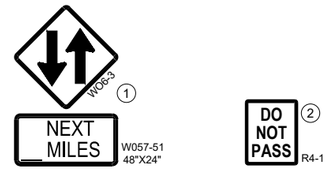
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS.

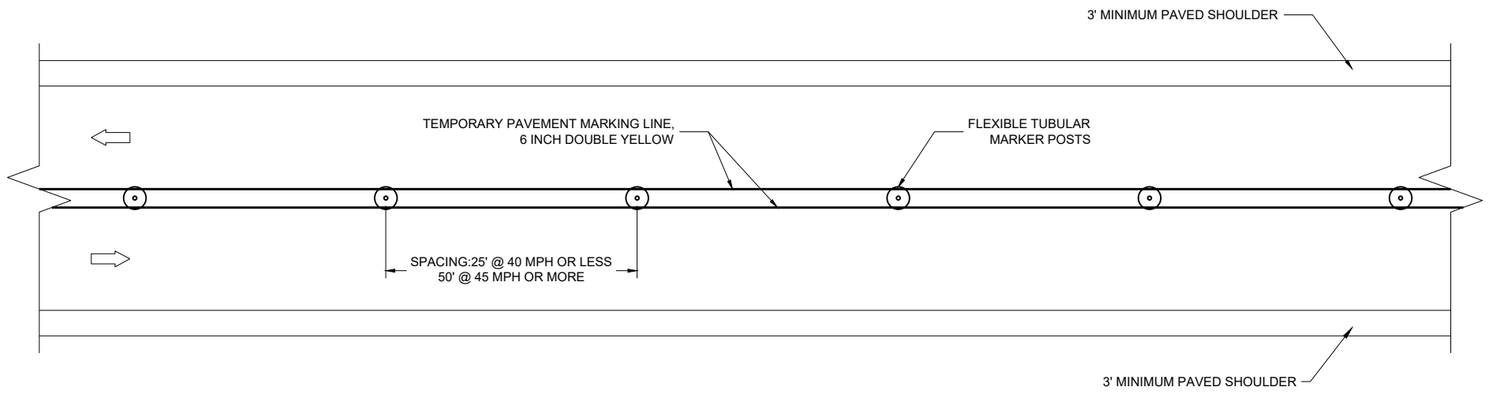
A SINGLE ROW OF FLEXIBLE TUBULAR MARKERS ON CENTERLINE EXTEND FOR THE ENTIRE LENGTH OF TWO-WAY TRAFFIC AT 50 FOOT SPACING.

COVER EXISTING CENTERLINE STRIPE WITH TEMPORARY PAVEMENT MARKING LINE, 6 INCH DOUBLE YELLOW.

PARTIAL NUMBERS ON SIGNS SHALL BE DISPLAYED AS A WHOLE NUMBER(AS NEEDED) FOLLOWED BY A FRACTION. SIGNS SHALL NOT DISPLAY NUMBERS IN DECIMAL FORM.



1. THE WO6-3 AND WO57-51 SHALL BE LOCATED 200 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP AND / OR 500 FEET BEYOND ANY SIDE ROAD. THE R4-1 SHALL BE LOCATED 1000 FEET BEYOND THE WO6-3 AND THE WO57-51 AND THE SIGNS SHALL BE ALTERNATED WITH ONE MILE INTERVALS BETWEEN THE SIGNS.
2. CONVENTIONAL: 24" X 30"
   FREEWAY AND EXPRESSWAY: 36" X 48"



TWO LANE, TWO WAY OPERATION

6

SDD 15D06-07

TRAFFIC CONTROL
TWO LANE TWO WAY
OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

6

SDD 15D06-07

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

PLACE TEMPORARY PAVEMENT MARKING LINE IF RAMP CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROP OFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN WORK IS NOT IN PROGRESS.

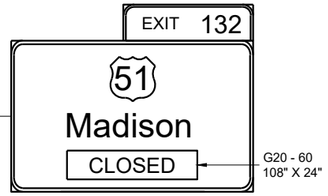
WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12 - HOUR DURATION.

(1) W20 - 1A AND G20 - 2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

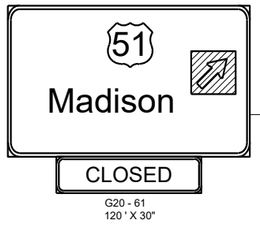
(2) PLACE "RAMP CLOSED BEGINNING" SIGN OR PCMS 7 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



OR

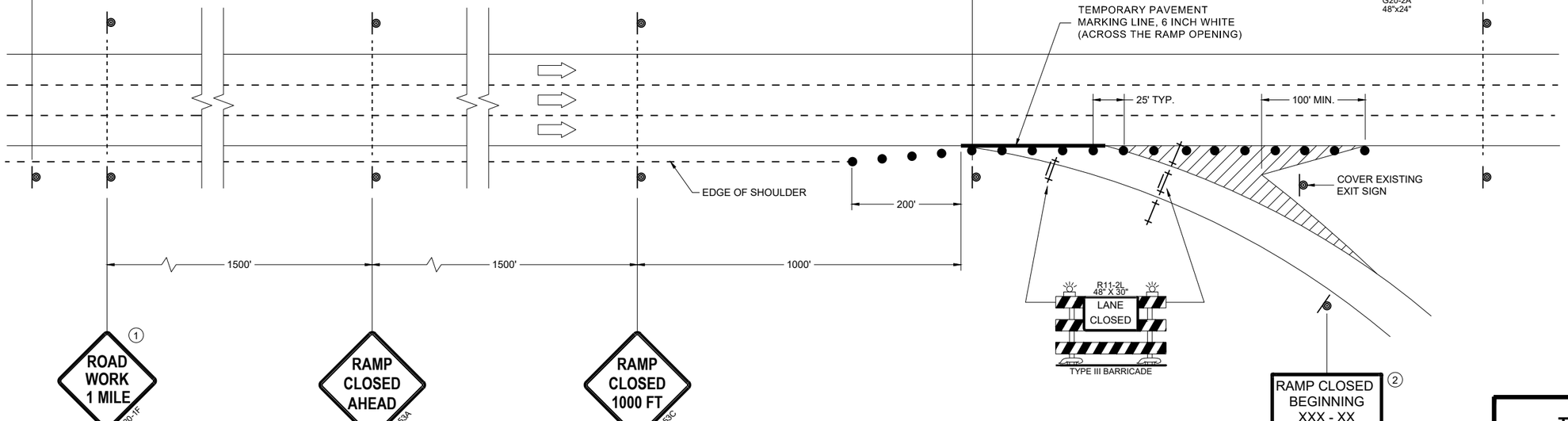


PLACE SIGN G20 - 60 OVER MILEAGE ON EXISTING E1 - 1A SIGN



G20 - 61
120 ' X 30"

COVER ARROW ON EXISTING E4 - 1 SIGN (COVERING SIGNS TYPE I)



OR

PCMS MESSAGING

FRAME 1	FRAME 2
RAMP TO CLOSE	XXXDAY XX XX XX

TRAFFIC CONTROL, EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — <position>

FHWA

6 SDD 15D16-07

6 SDD 15D16-07

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

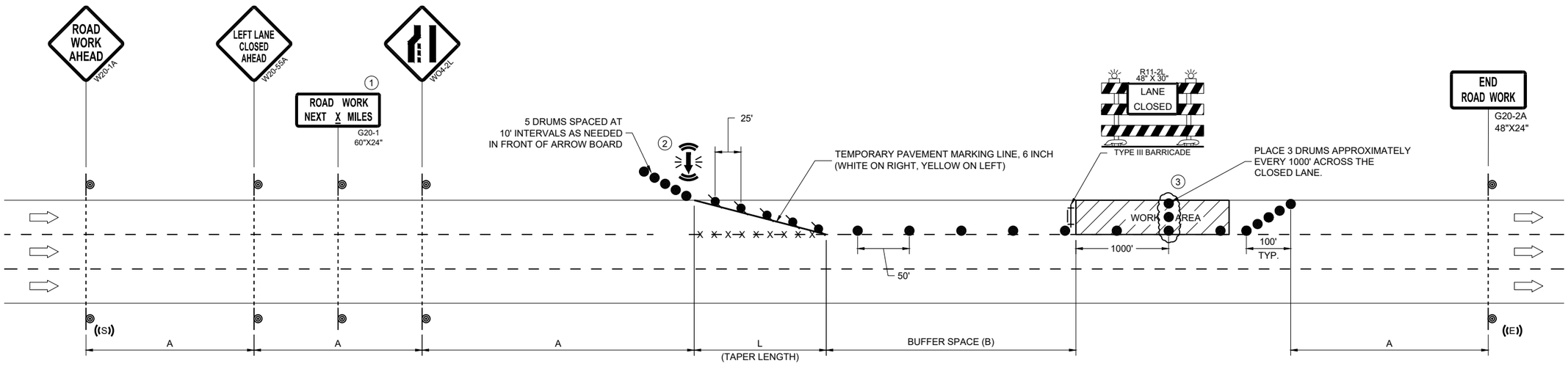
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.

(3) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	155'
30	200'	180'	200'
35	350'	245'	250'
40	350'	320'	305'
45	500'	540'	360'

TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D20-12a

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

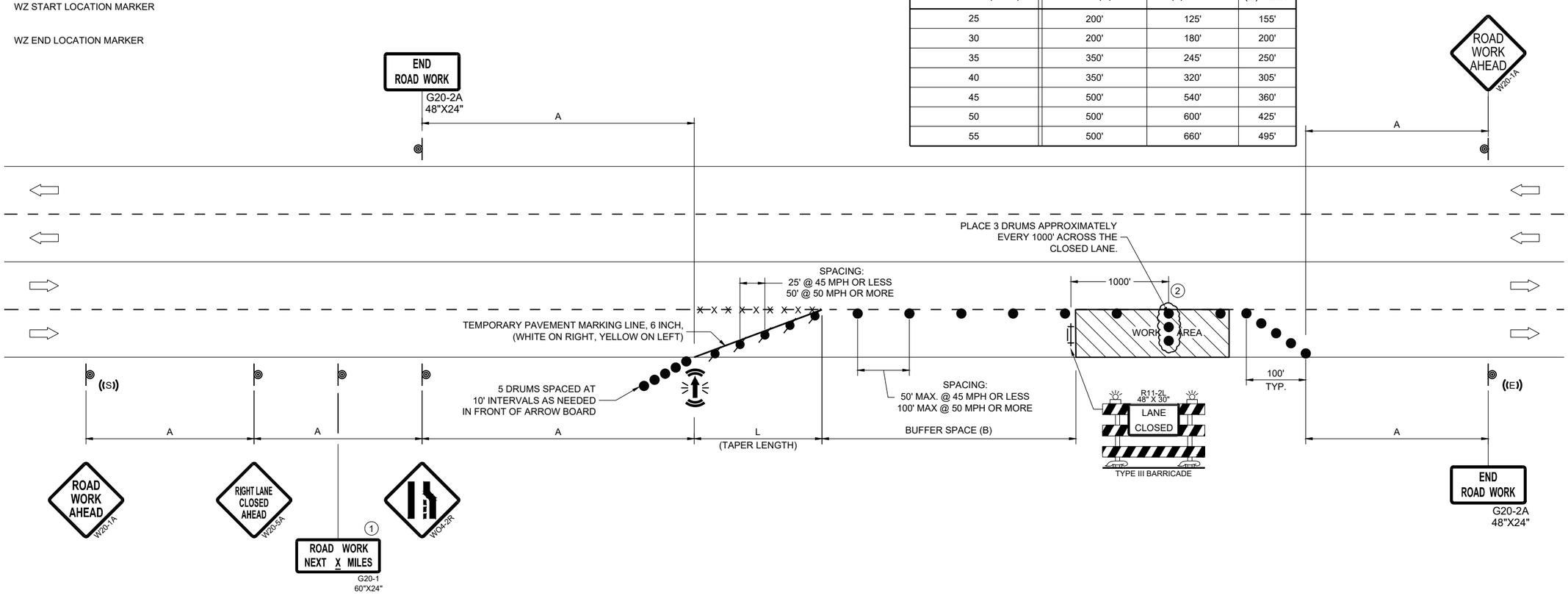
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	155'
30	200'	180'	200'
35	350'	245'	250'
40	350'	320'	305'
45	500'	540'	360'
50	500'	600'	425'
55	500'	660'	495'



TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D20-12b

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- WZ START LOCATION MARKER
- WZ END LOCATION MARKER

GENERAL NOTES

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

DUE TO LACK OF SHOULDER/MEDIAN, ARROW BOARD IS PLACED AT THE THE END OF THE TAPER.

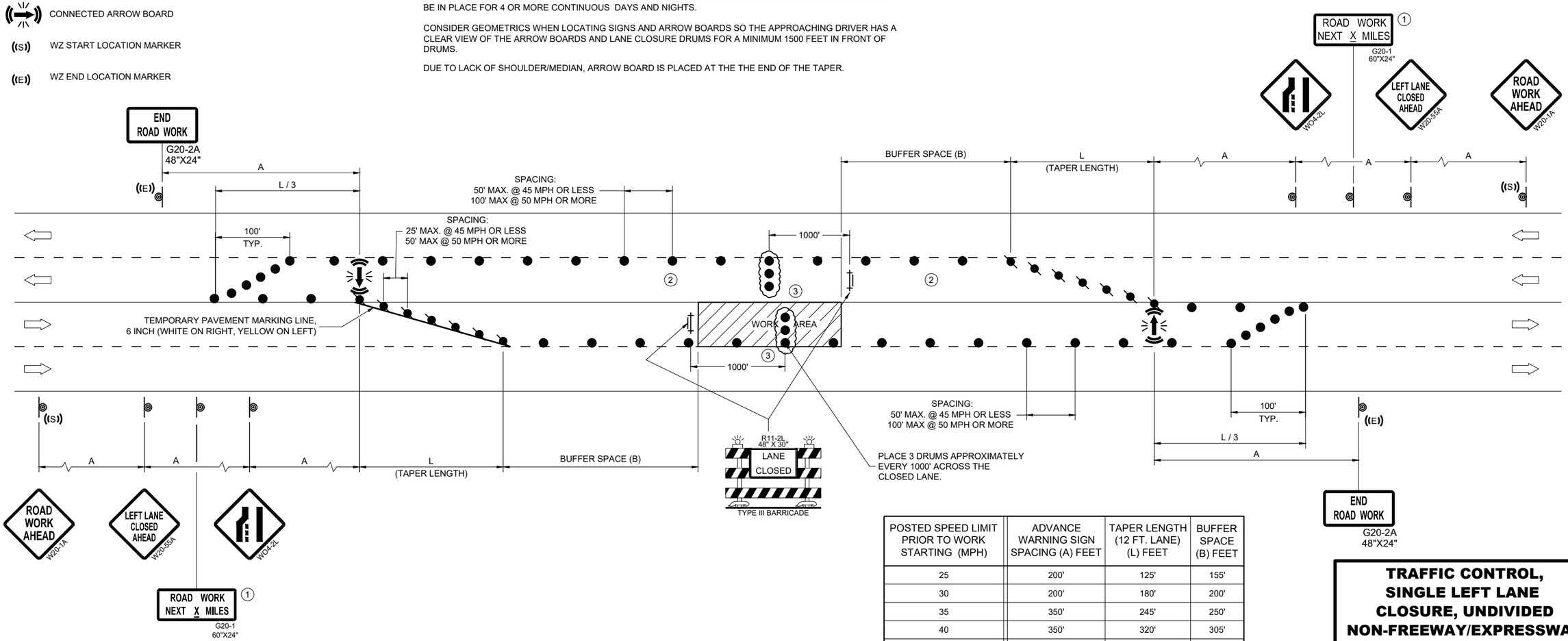
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) LANE MAY BE OPENED WHEN WORKERS ARE NOT PRESENT IN THE WORK AREA.

DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	155'
30	200'	180'	200'
35	350'	245'	250'
40	350'	320'	305'
45	500'	540'	360'
50	500'	600'	425'
55	500'	660'	495'

TRAFFIC CONTROL, SINGLE LEFT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2026
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

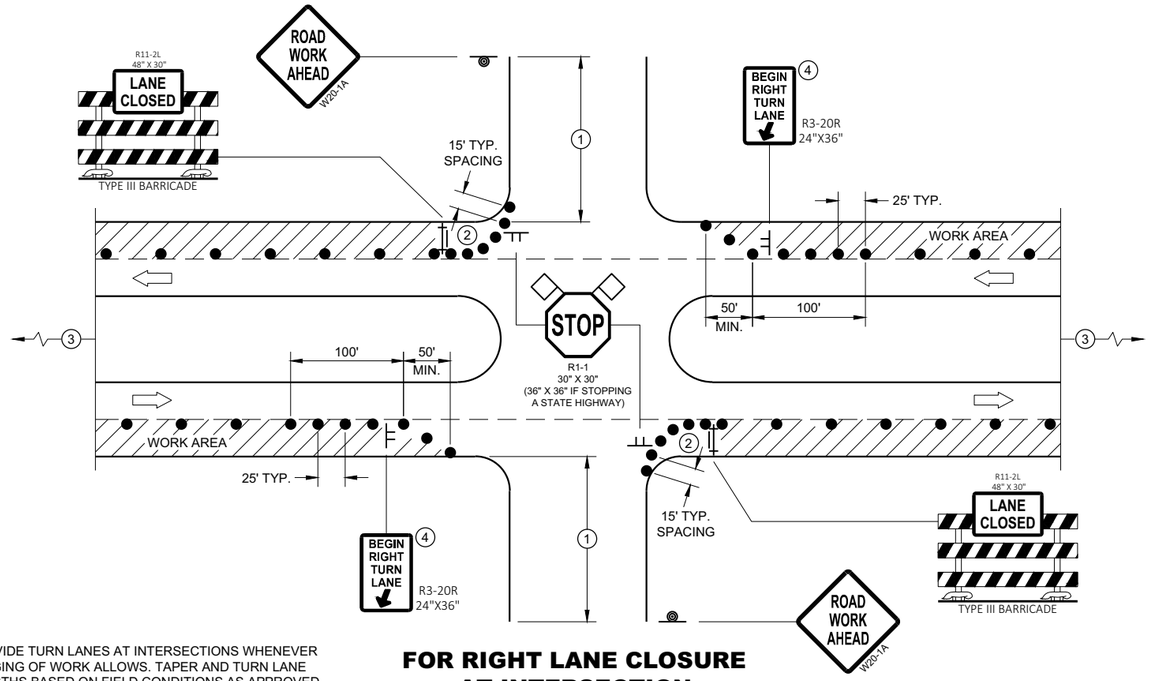
FHWA

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SDD 15D20-12c

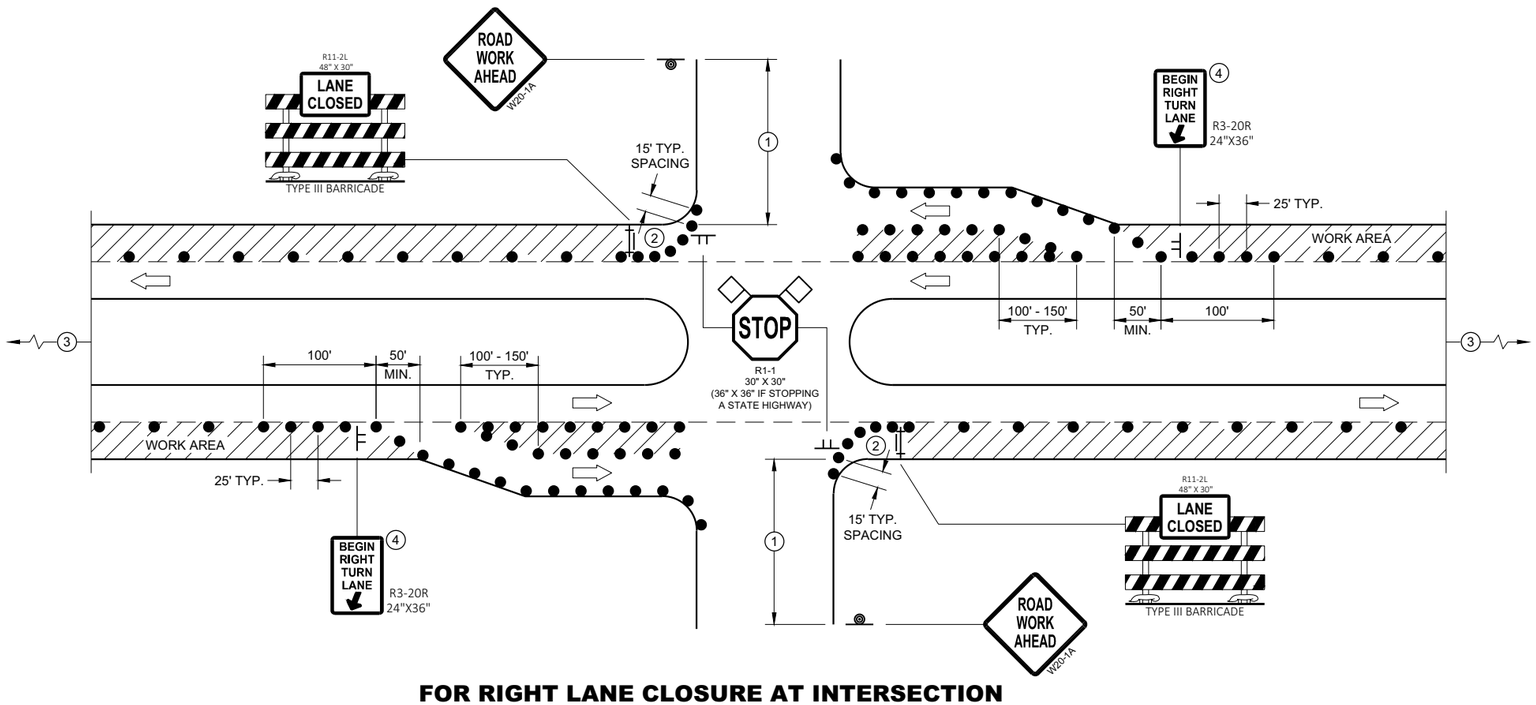
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SDD 15D20-12c



FOR RIGHT LANE CLOSURE AT INTERSECTION

PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.



FOR RIGHT LANE CLOSURE AT INTERSECTION (WITH RIGHT TURN BAY OPEN)

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.

LEGEND

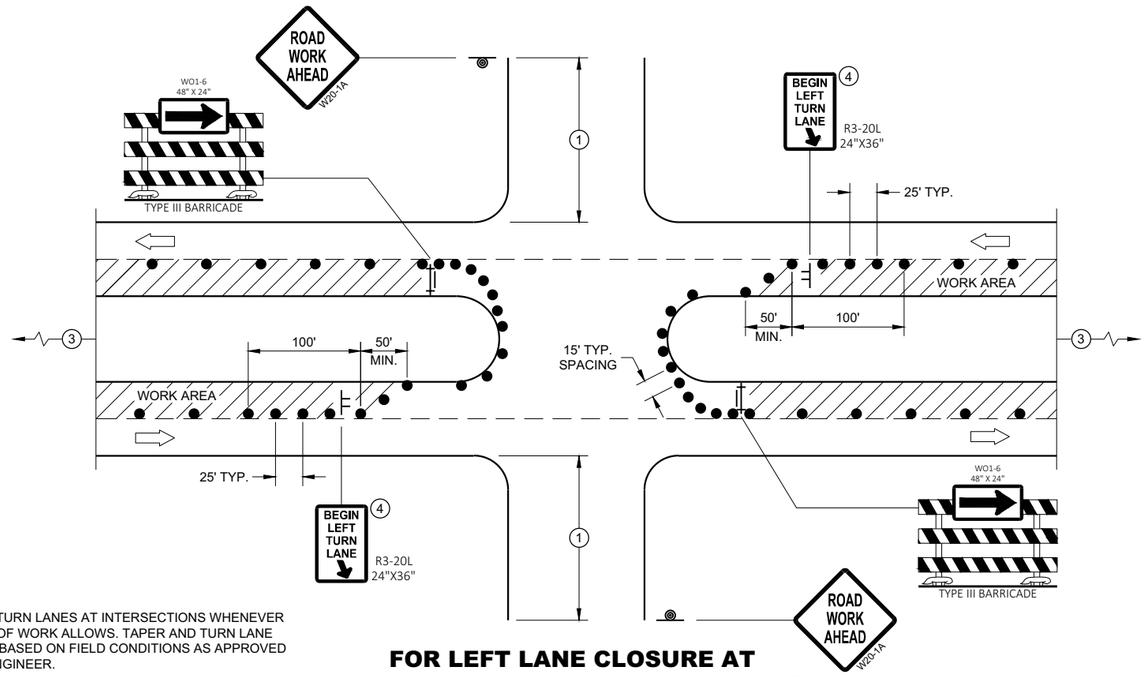
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE RIGHT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D21 - 07a
SDD15D21 - 07a



PROVIDE TURN LANES AT INTERSECTIONS WHENEVER STAGING OF WORK ALLOWS. TAPER AND TURN LANE LENGTHS BASED ON FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" MAY BE USED IF APPROVED BY THE DISTRICT TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500' DESIRABLE) DISTANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

SIGNS THAT WILL REMAIN IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON PORTABLE SUPPORTS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

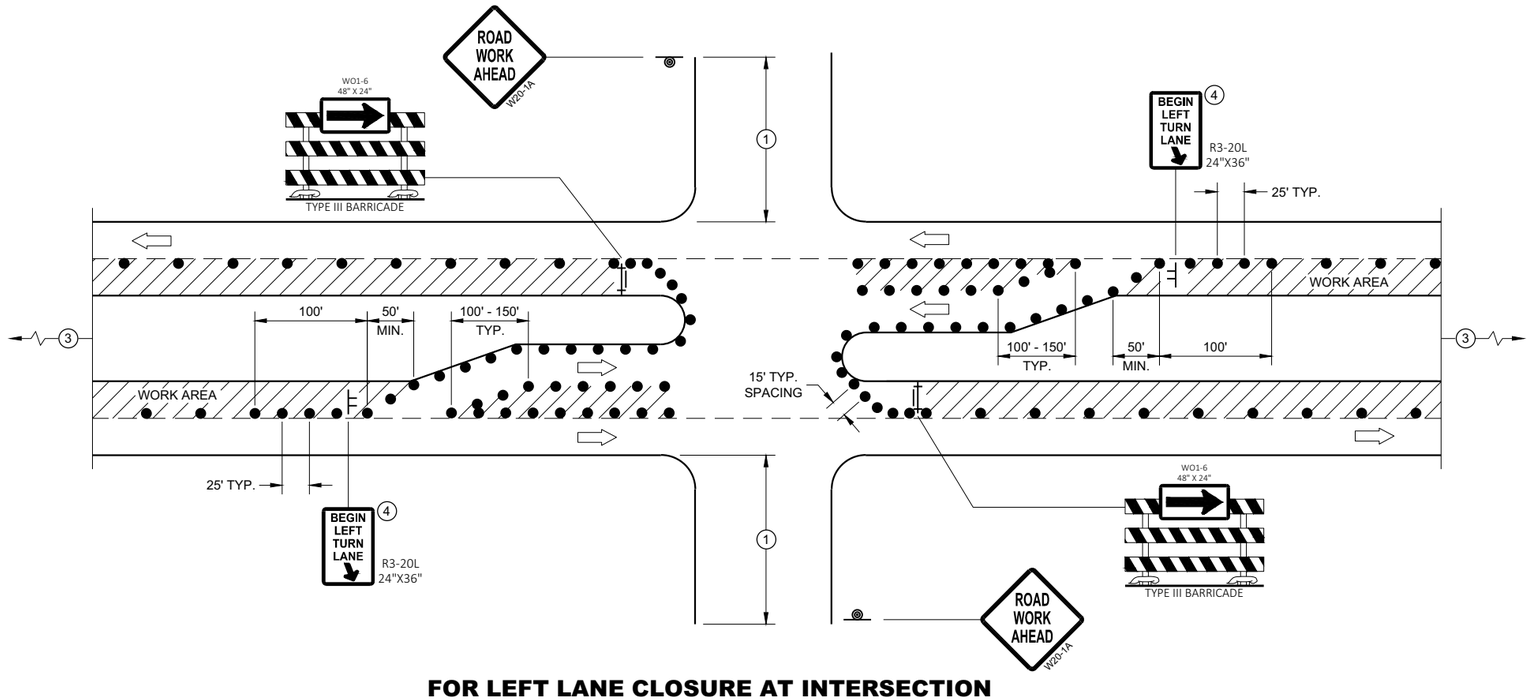
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

(1) 500' TYPICAL OR AT LAST INTERSECTION, WHICHEVER IS CLOSER.
350' IF 35 - 40 MPH.
200' IF 25 - 30 MPH.

(2) ALSO USE BARRICADE AND 15 FOOT TYPICAL DRUM SPACING AT COMMERCIAL DRIVEWAYS

(3) SEE SEPARATE LANE CLOSURE DETAIL FOR ADDITIONAL TRAFFIC CONTROL.

(4) MINIMUM MOUNTING HEIGHT OF 5 FEET FROM EDGE OF PAVEMENT (AT EDGE LINE LOCATION) TO BOTTOM OF SIGN.



FOR LEFT LANE CLOSURE AT INTERSECTION OR MEDIAN OPENING (WITH LEFT TURN BAY OPEN)

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- FLAGS, 16" X 16" MIN., ORANGE
- WORK AREA

TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LEFT LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D21 - 07b

6

SDD 15D21 - 07b

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

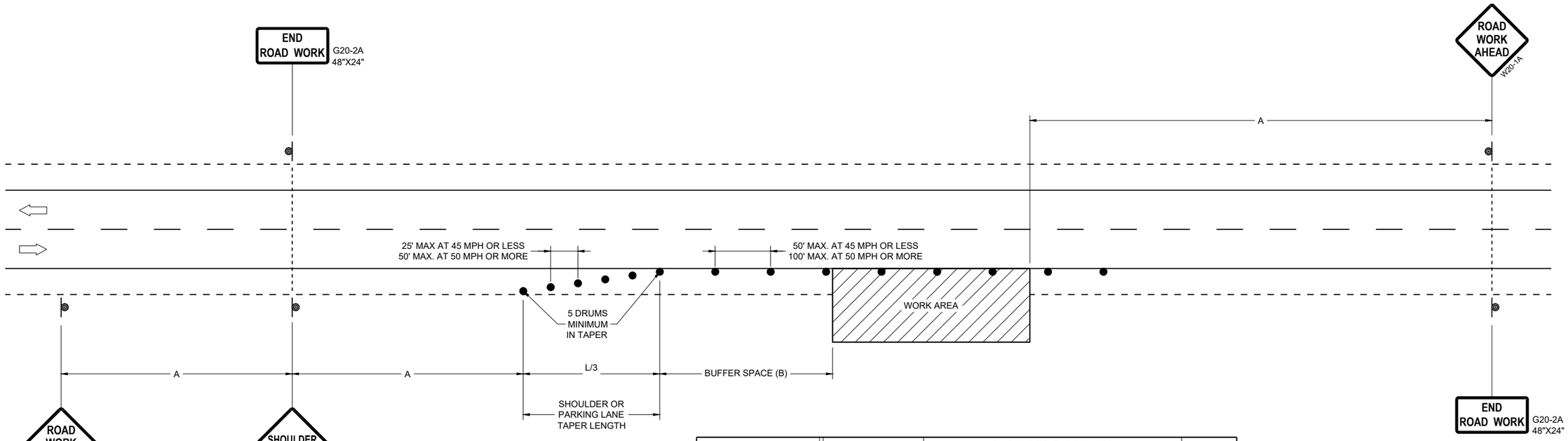
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	155
30	200'	15	20	25	30	35	40	200
35	350'	20	27	34	40	47	54	250
40	350'	26	35	44	53	62	70	305
45	500'	45	59	74	89	104	119	360
50	500'	50	66	83	99	116	132	425
55	500'	54	73	91	109	127	145	495

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026
DATE

/S/ ANDREW HEIDTKE
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

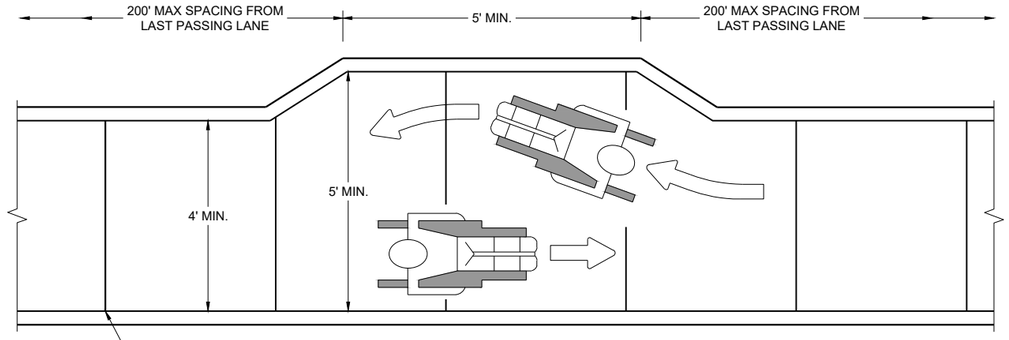
FHWA

6

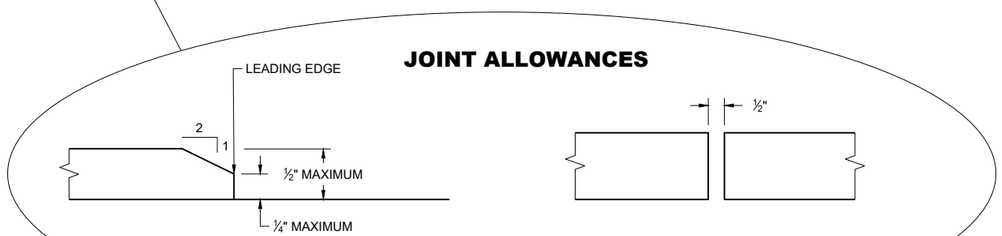
SDD 15D28-06

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SDD 15D28-06



NARROW SIDEWALK PASSING DETAIL



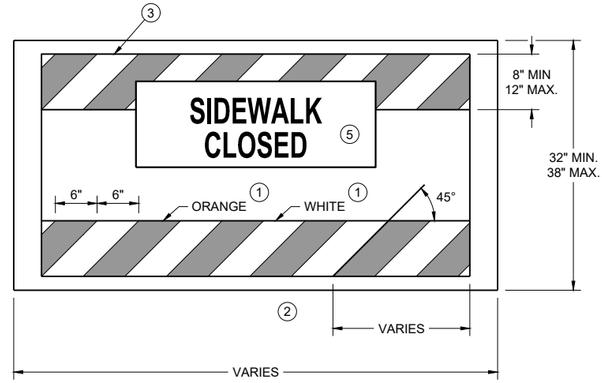
MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

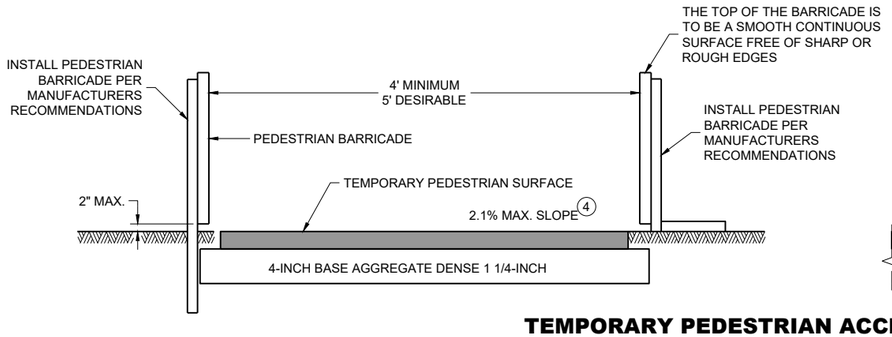
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

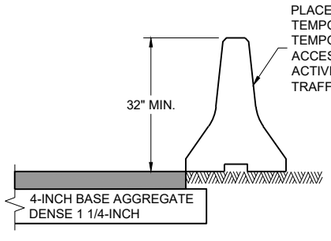
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.

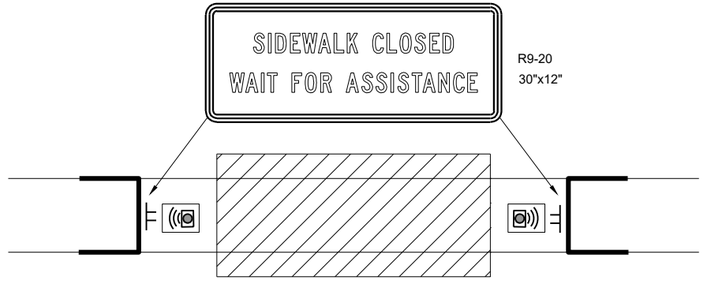


TEMPORARY PEDESTRIAN BARRICADE *



TEMPORARY PEDESTRIAN ACCESS





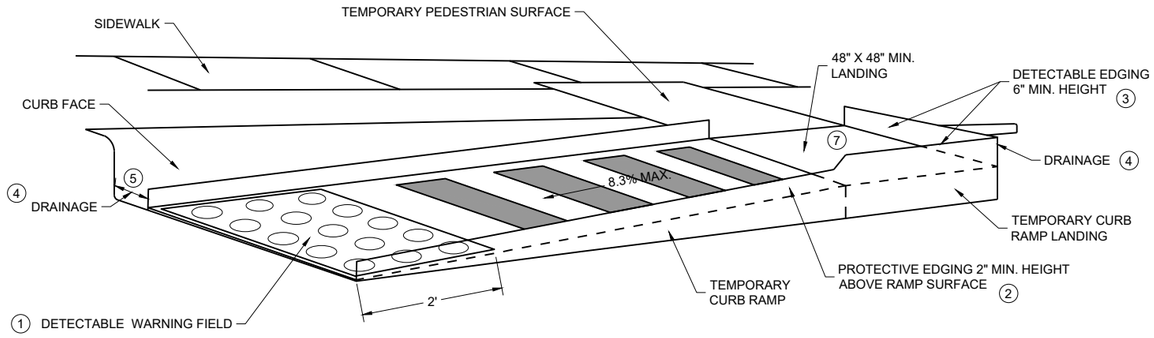
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

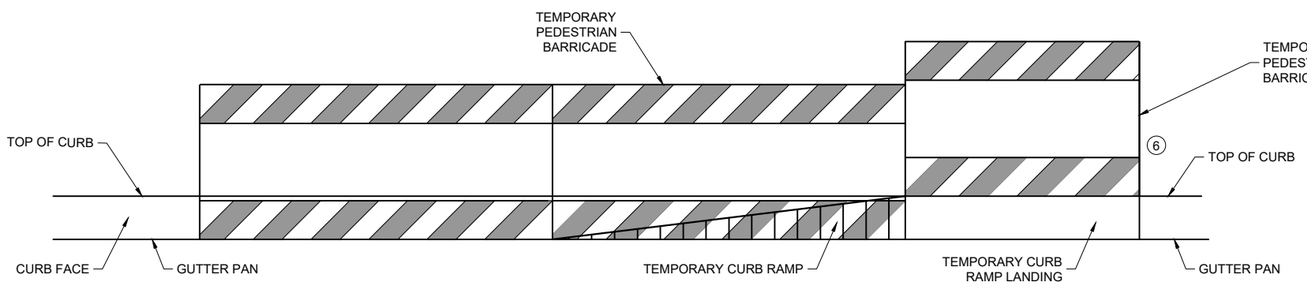
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

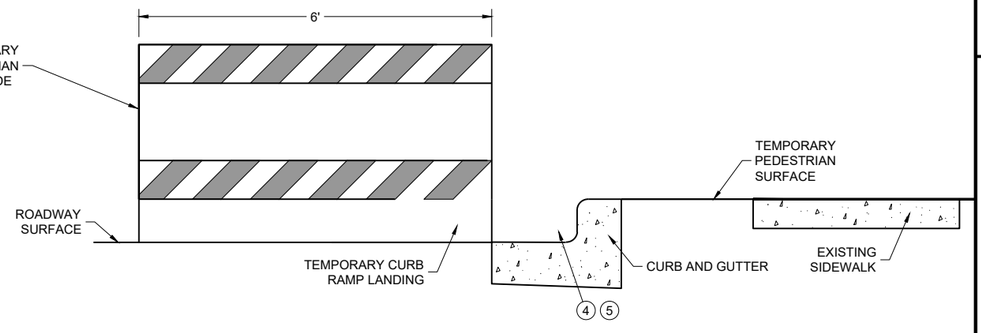
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

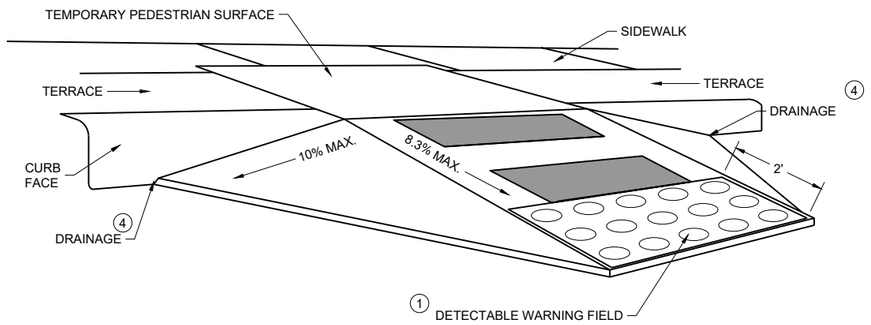
SDD 15D30-12b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

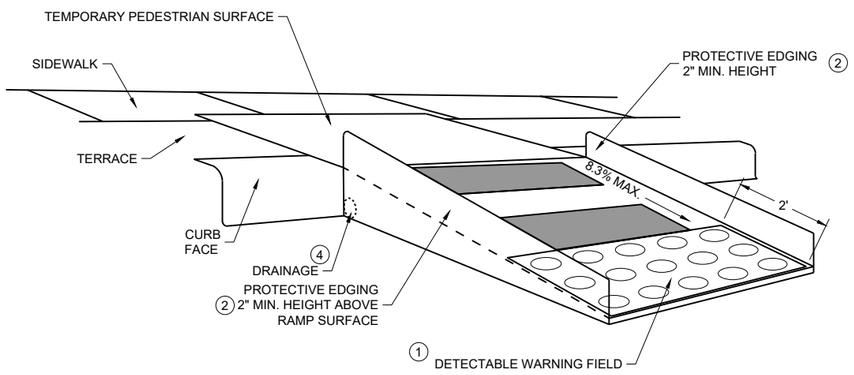
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

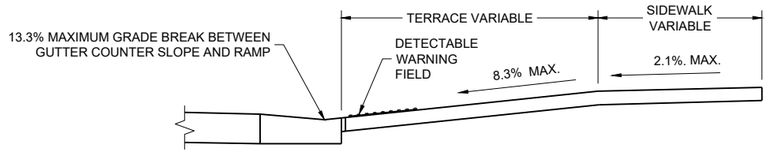
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

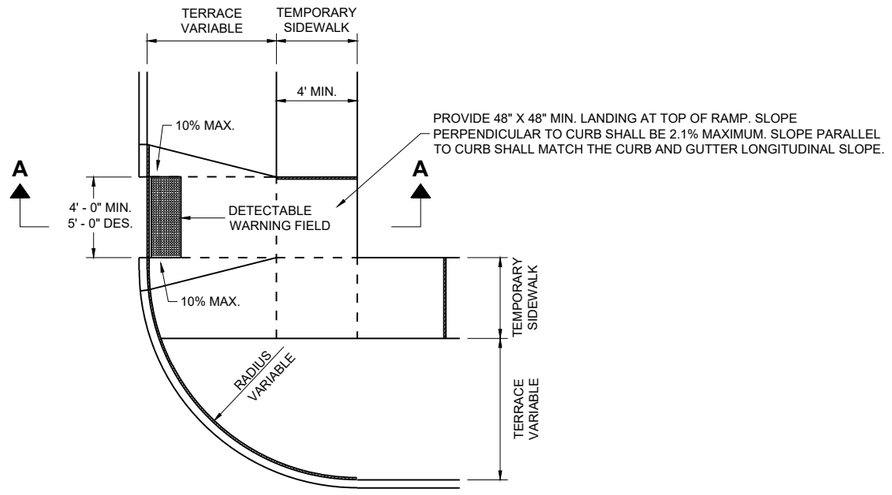
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

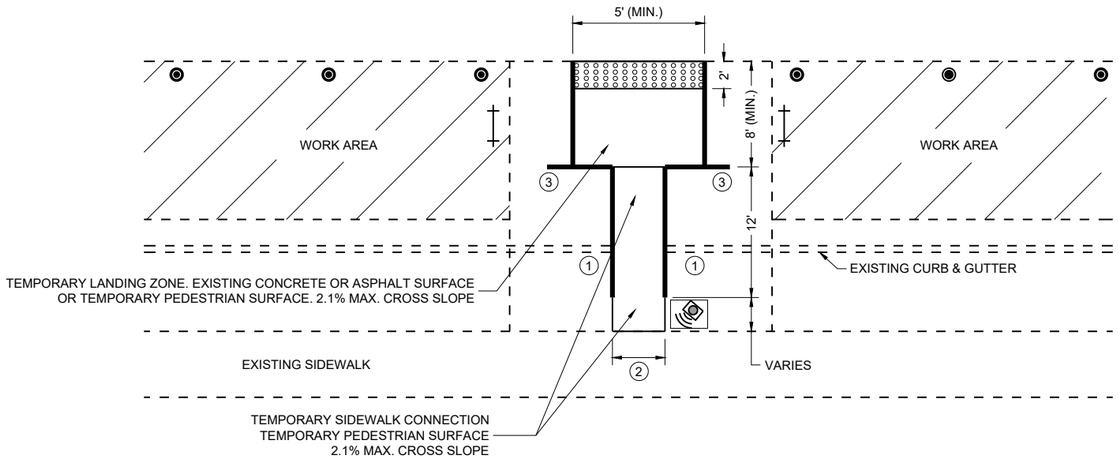
SDD 15D30-12d

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

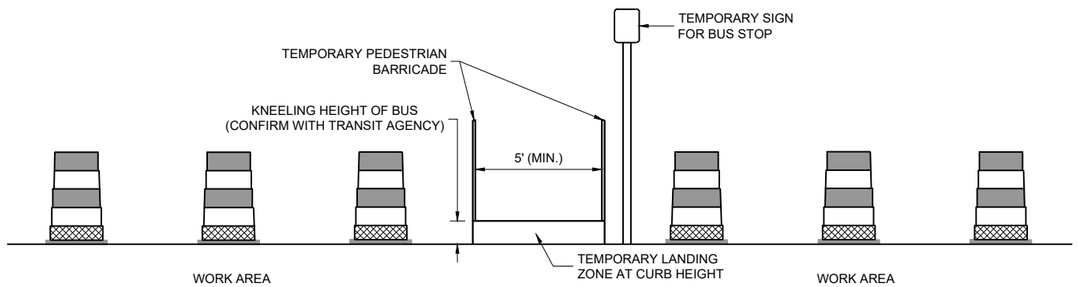
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12d



PLAN VIEW



PROFILE VIEW TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

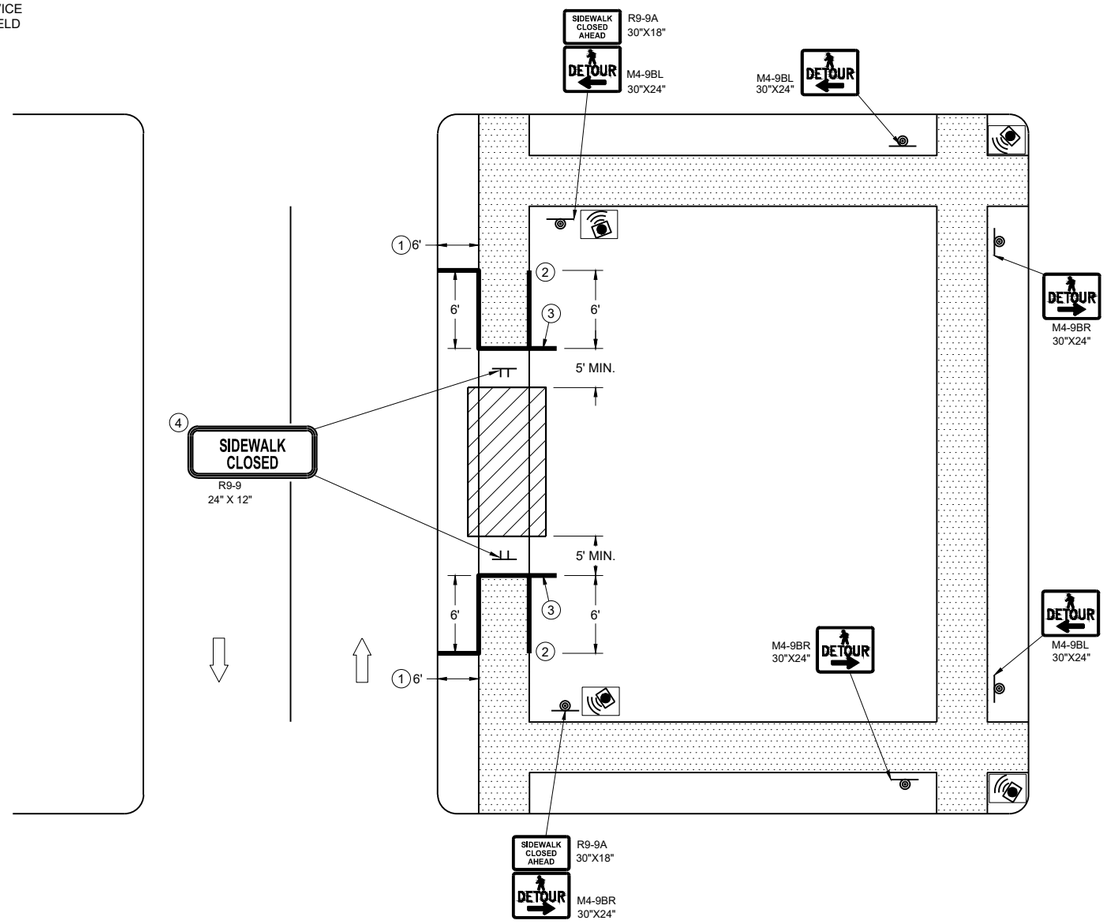
SDD 15D30-12e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

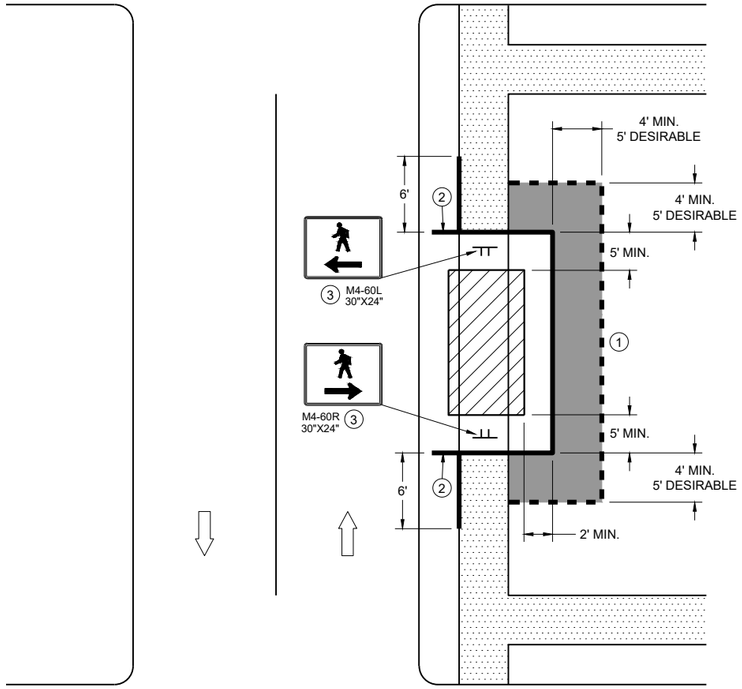
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

(1) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK BYPASS
SINGLE SIDE

6

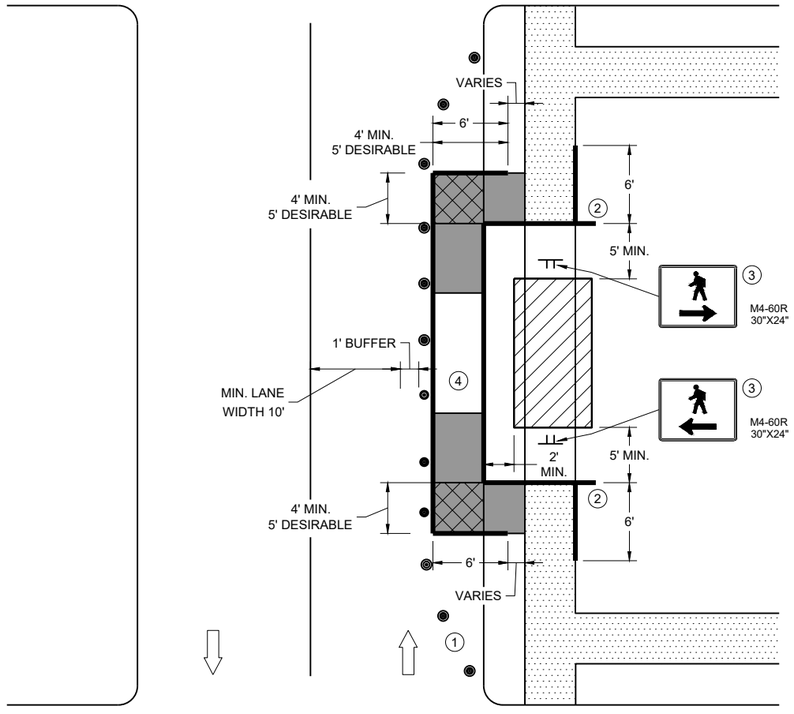
SDD 15D30-12g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



SIDEWALK BYPASS, SINGLE SIDE

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

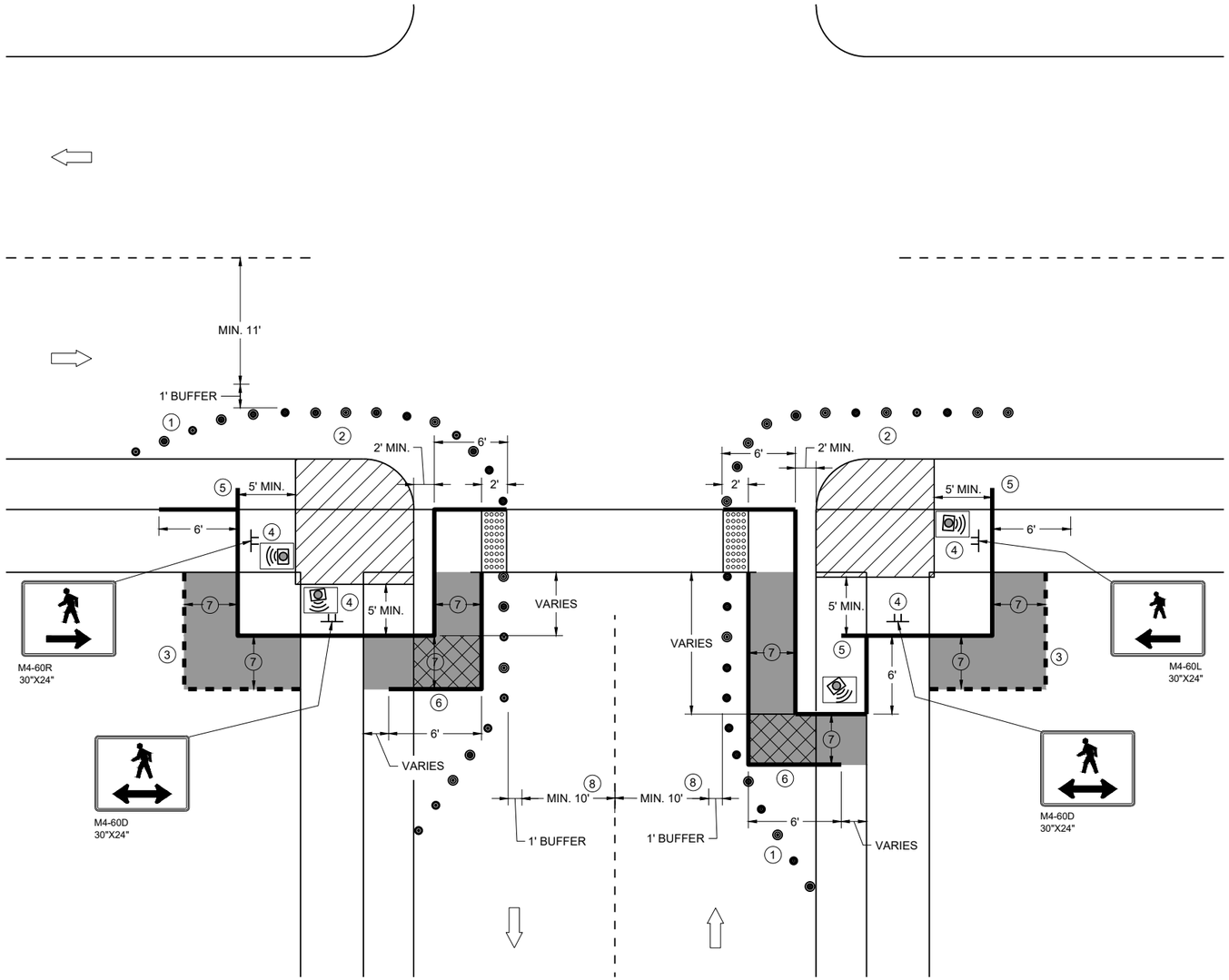
1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.
2. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
4. USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

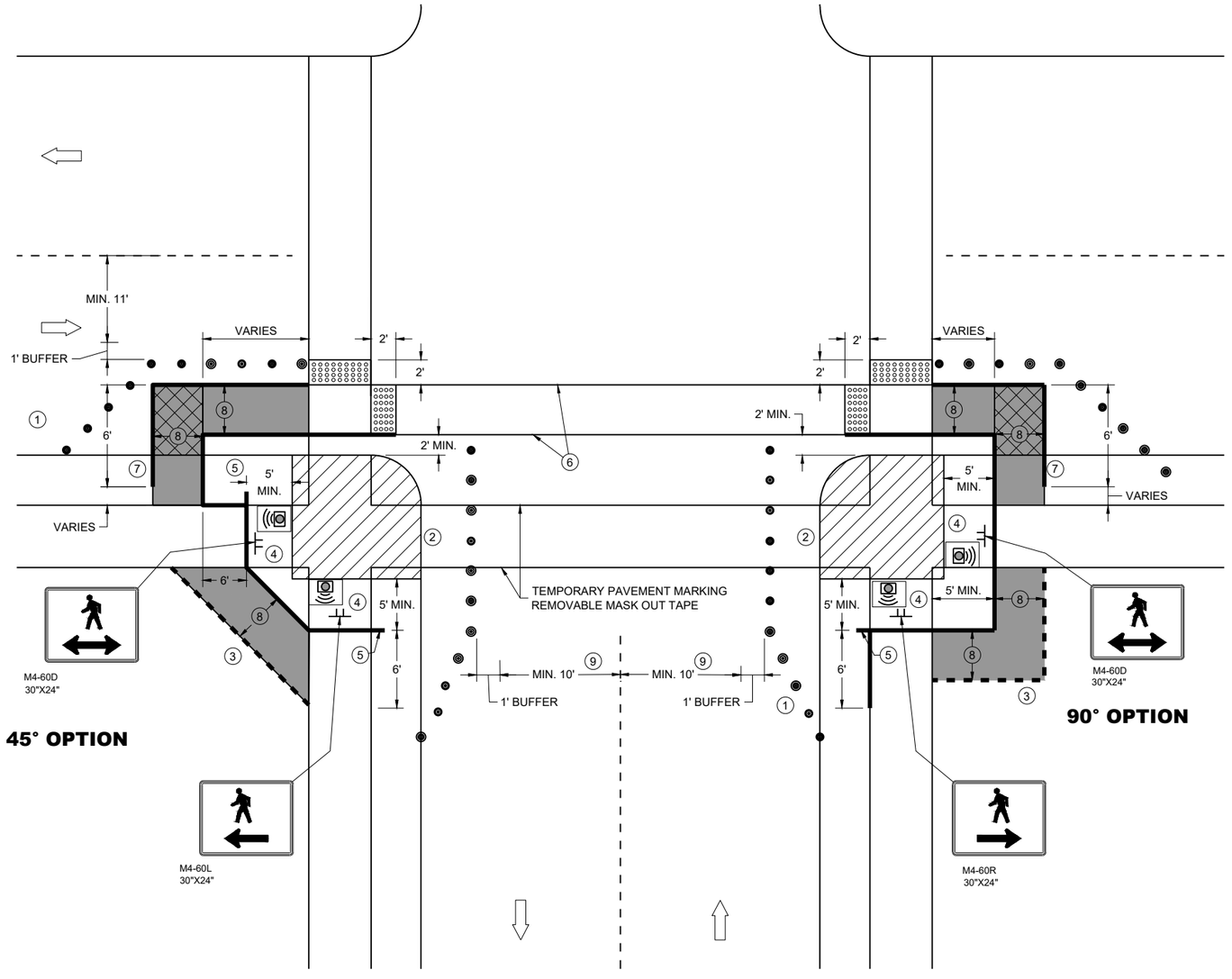
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12i



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) WHITE 6" TEMPORARY PAVEMENT MARKING

(7) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(8) 4 FEET MINIMUM, 5 FEET DESIRABLE

(9) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12j

LEGEND

SIGN ON PERMANENT SUPPORT

SIGN ON TEMPORARY SUPPORT

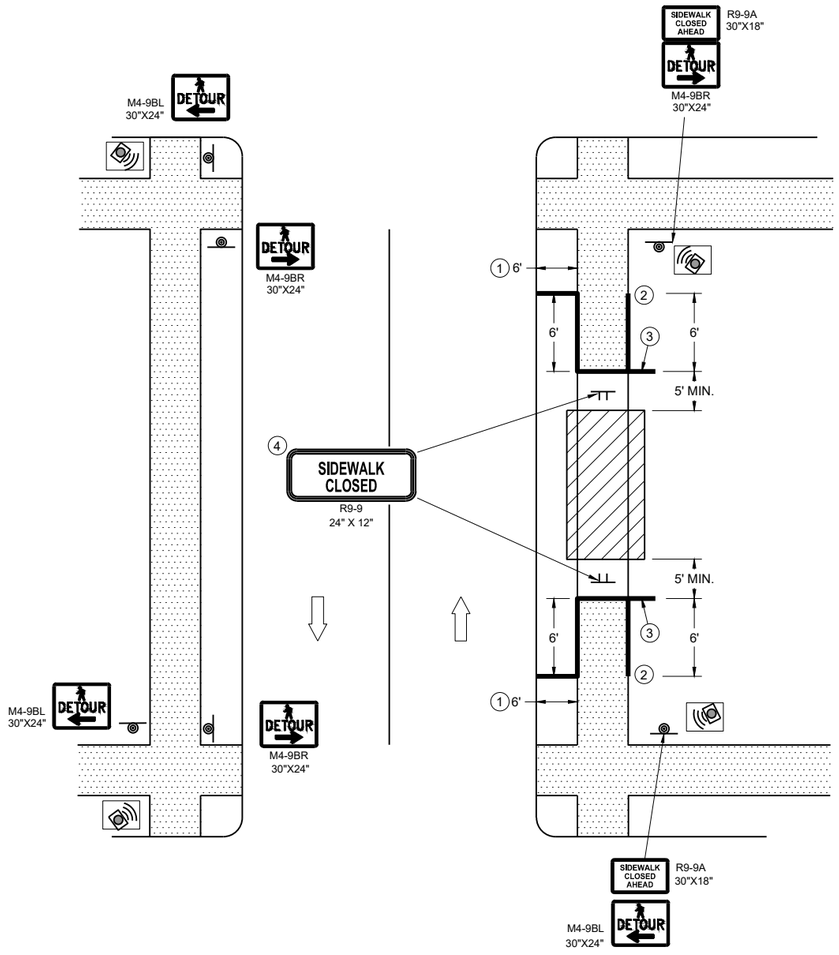
UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC

TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

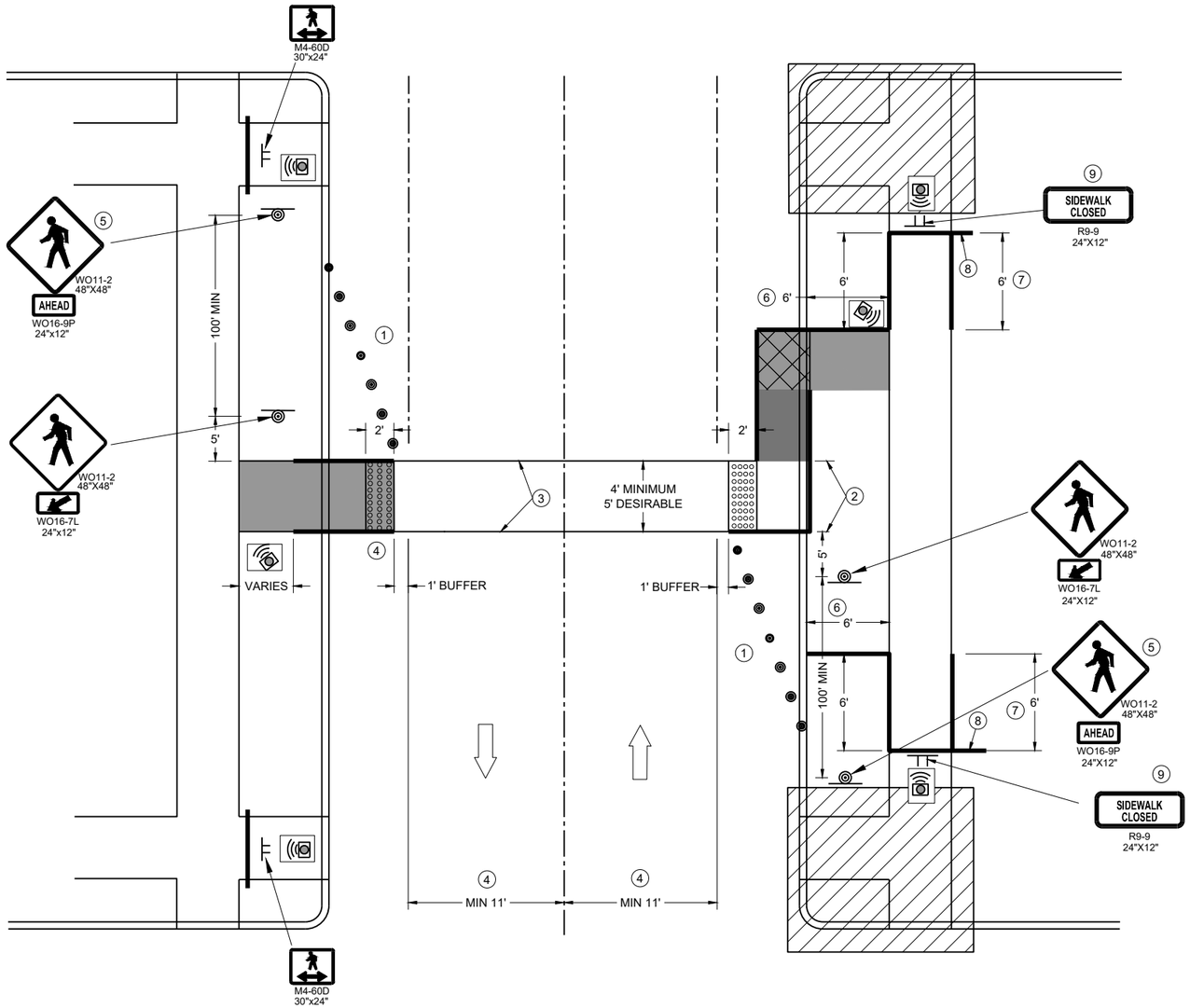
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12k



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15D30-12I

LEGEND

TYPE III BARRICADE WITH ATTACHED SIGN

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

TRAFFIC CONTROL DRUM

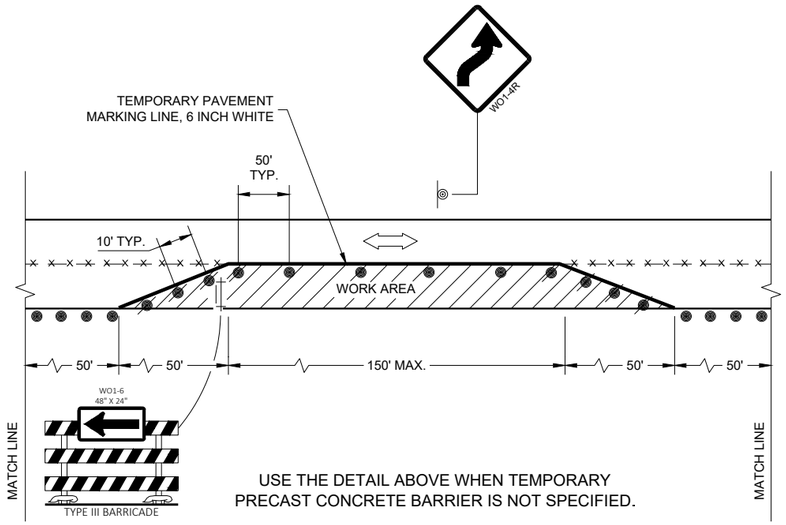
FLAGS, 16" X 16" MIN. (ORANGE)

REMOVING PAVEMENT MARKING

DIRECTION OF TRAFFIC

ASPHALTIC PAVEMENT WIDENING

CONCRETE BARRIER TEMPORARY PRECAST



USE THE DETAIL ABOVE WHEN TEMPORARY PRECAST CONCRETE BARRIER IS NOT SPECIFIED.

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE..

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

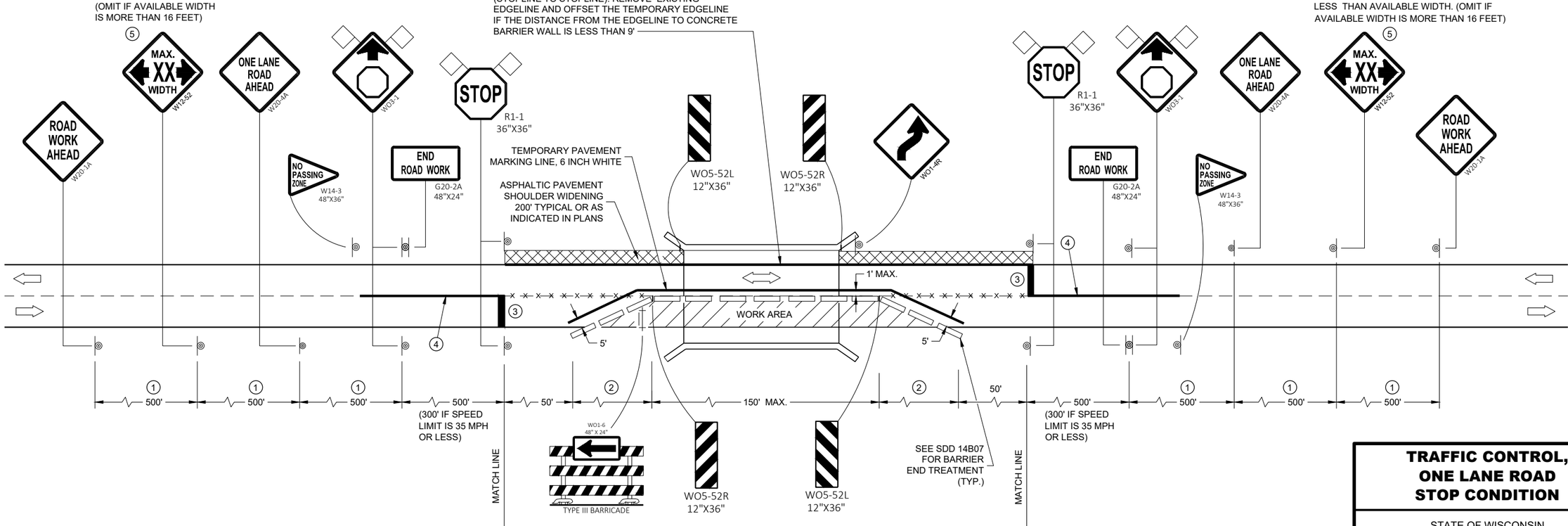
ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

1. 500 FOOT SPACING SHOWN IS FOR ROADWAYS WITH A PRE-CONSTRUCTION REGULATORY SPEED LIMIT OF 45 MPH OR MORE. FOR 35 - 40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25 - 30 MPH, USE 200 FOOT TYPICAL SPACING.
2. DIMENSION DETERMINED BY CBTP TAPER FROM EDGE LINE TO TANGENT SECTION OF THE ROAD.
3. TEMPORARY PAVEMENT MARKING LINE, 18 INCH WHITE STOP LINE.
4. 700 FOOT TEMPORARY PAVEMENT MARKING LINE, 6 INCH DOUBLE YELLOW. WHEN THE DISTANCE FOR THE PRECEDING NO - PASSING ZONE IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES AS INDICATED IN THE SPECIFICATIONS, THE TWO ZONES SHALL BE CONNECTED.
5. SEE SDD 15C02 - SHEET "F" FOR ADVANCED WIDTH RESTRICTION SIGNING.



TRAFFIC CONTROL, ONE LANE ROAD STOP CONDITION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

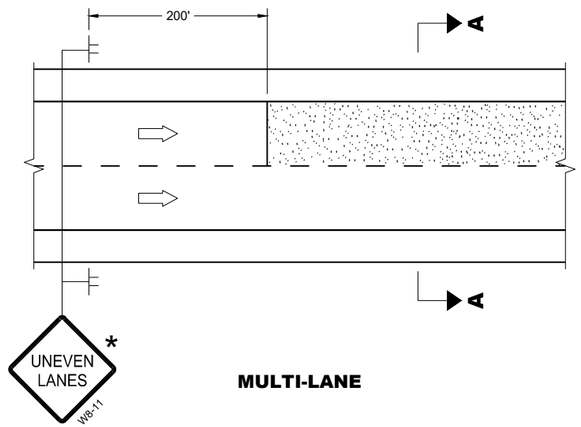
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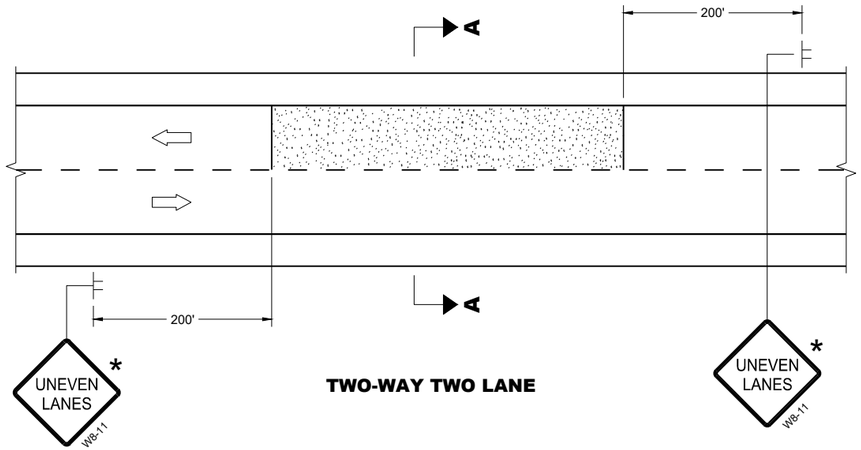
SDD 15D32-07

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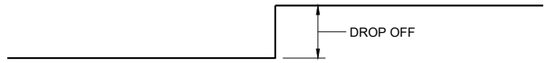
SDD 15D32-07



MULTI-LANE

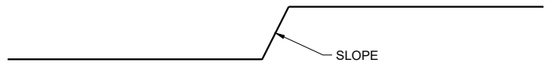


TWO-WAY TWO LANE

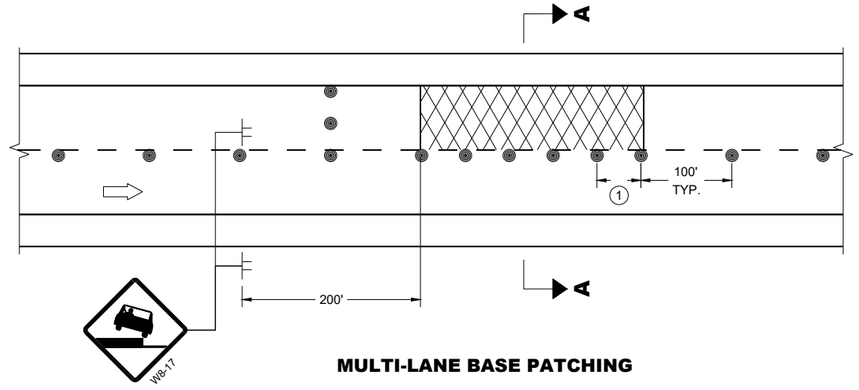


SECTION A - A

OR



SECTION A - A



MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

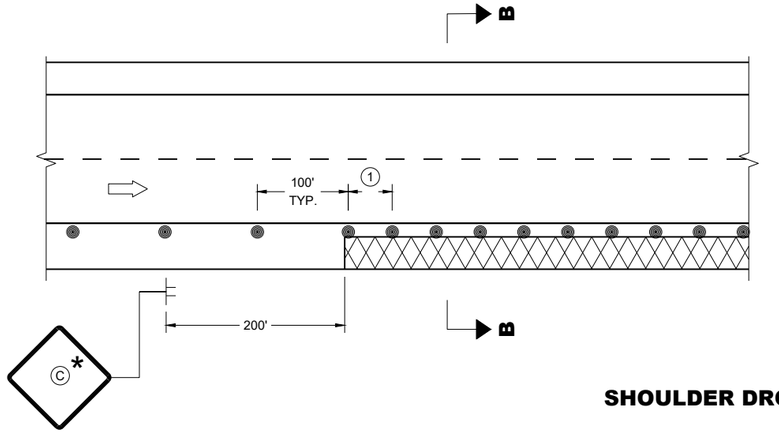
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

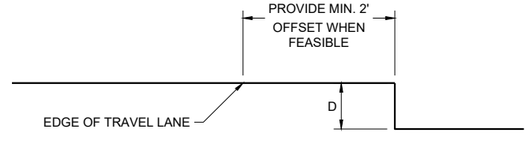
(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A
	PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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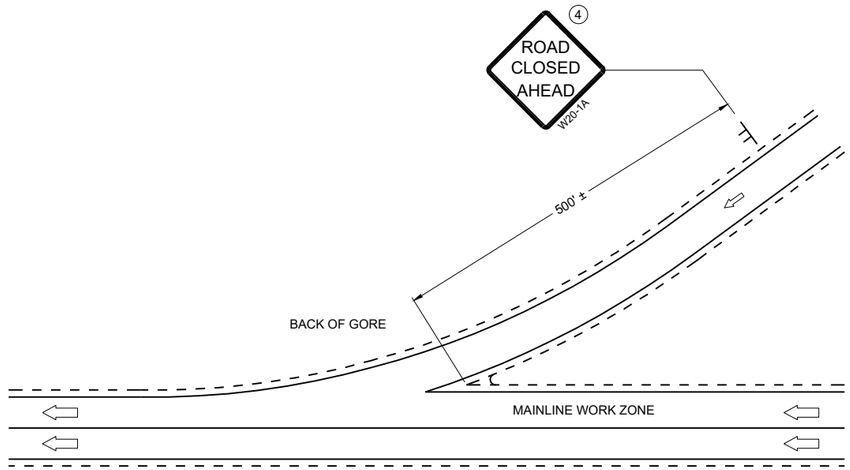
SDD 15D39-03

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SDD 15D39-03

LEGEND

- V1 SHADOW VEHICLE 1
- V2 SHADOW VEHICLE 2
- V3 ADVANCE WARNING TRUCK
- ● TRAFFIC CONTROL DRUM
- TRUCK MOUNTED ATTENUATOR (TMA)
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW PANEL (MERGE)
- FLASHING ARROW PANEL (CAUTION)
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- WORK AREA



GENERAL NOTES

SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.

MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

WHEN WORK ACTIVITY BLOCKS THE RIGHT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE DOUBLE ARROWS WHEN CONVOY IS IN CENTER LANE ONLY.

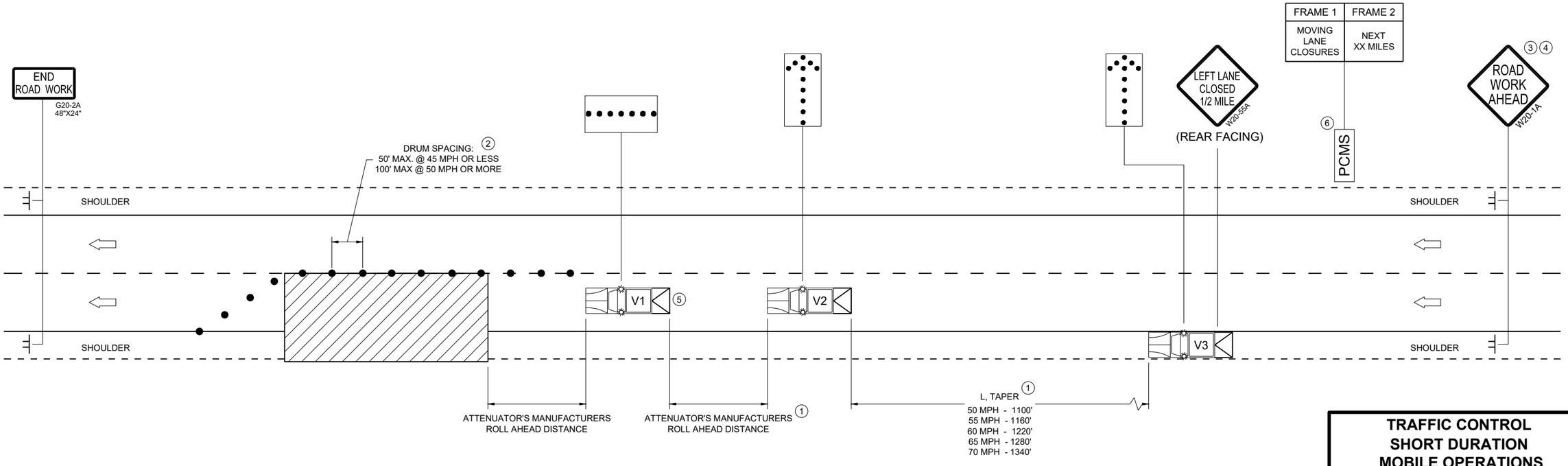
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

1. DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
2. DRUMS ARE TO BE USED FOR BRIDGE DECK SEALING AND OTHER PROJECTS THAT REQUIRE DELINEATION.
3. WITHIN 5 MILES, RELOCATE SIGNS AS WORK PROGRESSES AND NECESSARY OR AS DIRECTED BY THE ENGINEER.
4. SIGN NOT REQUIRED IF MOVING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.
5. SHADOW VEHICLE 1 (V1) IS OPTIONAL
6. PCMS OPTIONAL

PCMS MESSAGING

FRAME 1	FRAME 2
MOVING LANE CLOSURES	NEXT XX MILES



TRAFFIC CONTROL SHORT DURATION MOBILE OPERATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

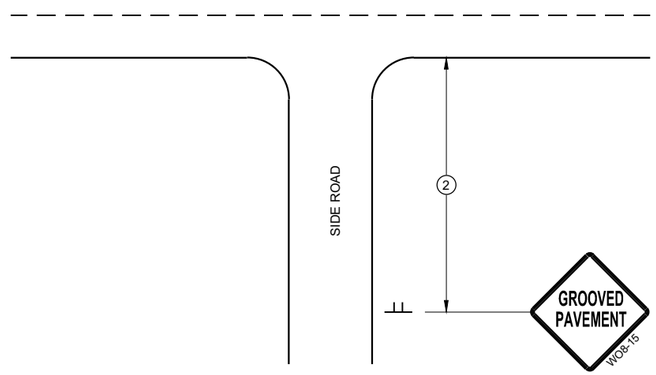
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

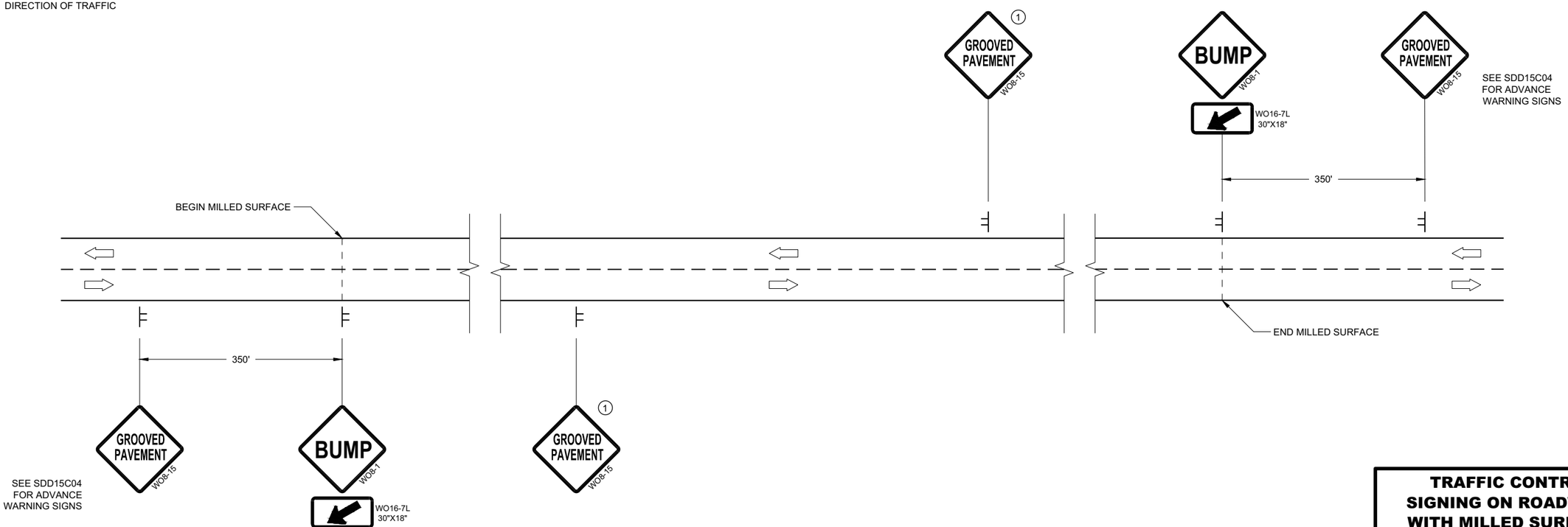
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D44 - 02

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

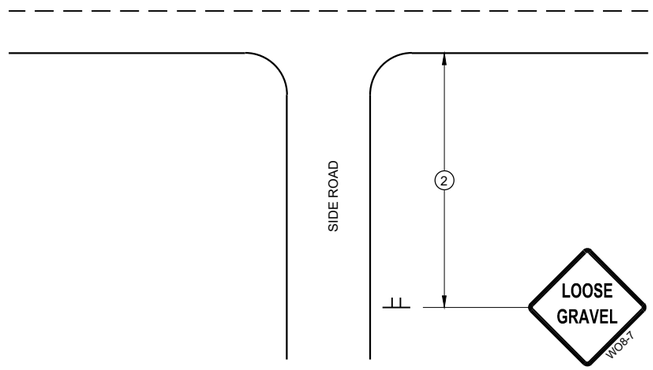
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

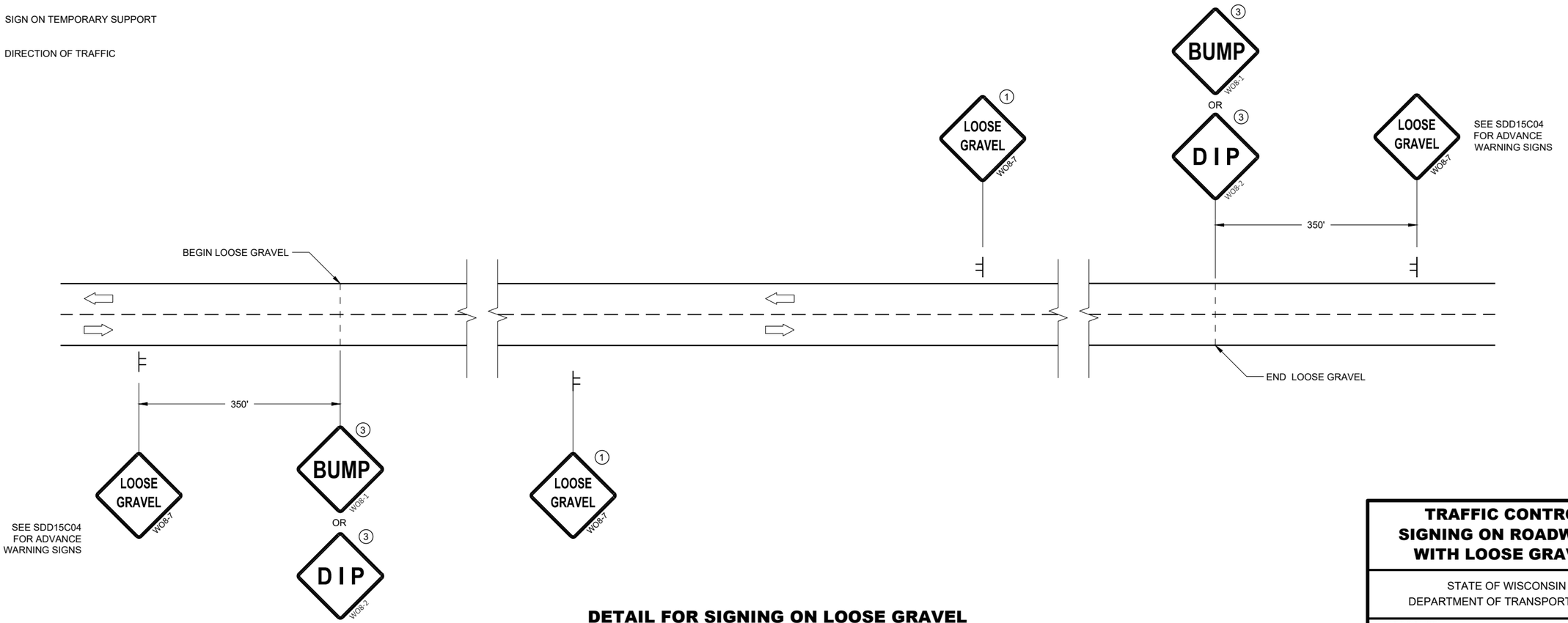
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE 737

FHWA

6

SDD 15D45 - 03

6

SDD 15D45 - 03

LEGEND

- EXISTING SIGN ON PERMANENT SUPPORT
- NEW SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

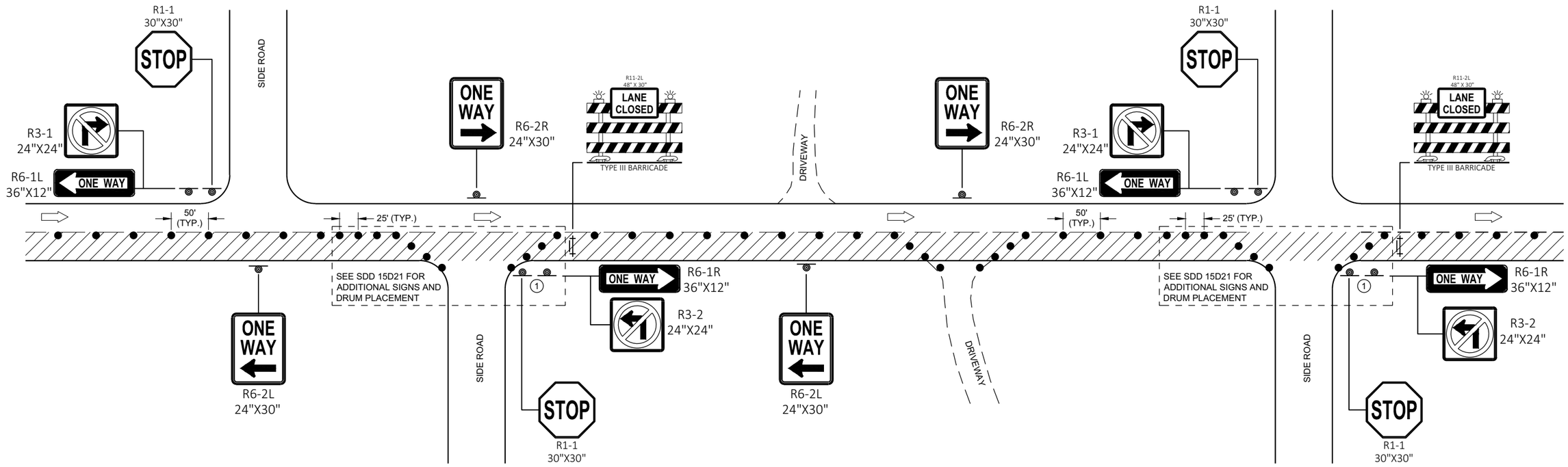
ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) IF WORK OPERATIONS ALLOWS, MOVE R1-1, R6-1R, AND R3-2 CLOSER TO INTERSECTION.



TRAFFIC CONTROL
ONE - WAY SIGNING

TRAFFIC CONTROL ONE-WAY SIGNING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2020 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEE
FHWA	738

6

SDD 15D46 - 01

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)					
		3	4	5	6	7	8
25	200	10	14	17	21	24	28
30	200	15	20	25	30	35	40
35	350	20	27	34	40	47	54
40	350	26	35	44	53	62	70
45	500	45	59	74	89	104	119
50	500	50	66	83	99	116	132
55	500	54	73	91	109	127	145

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

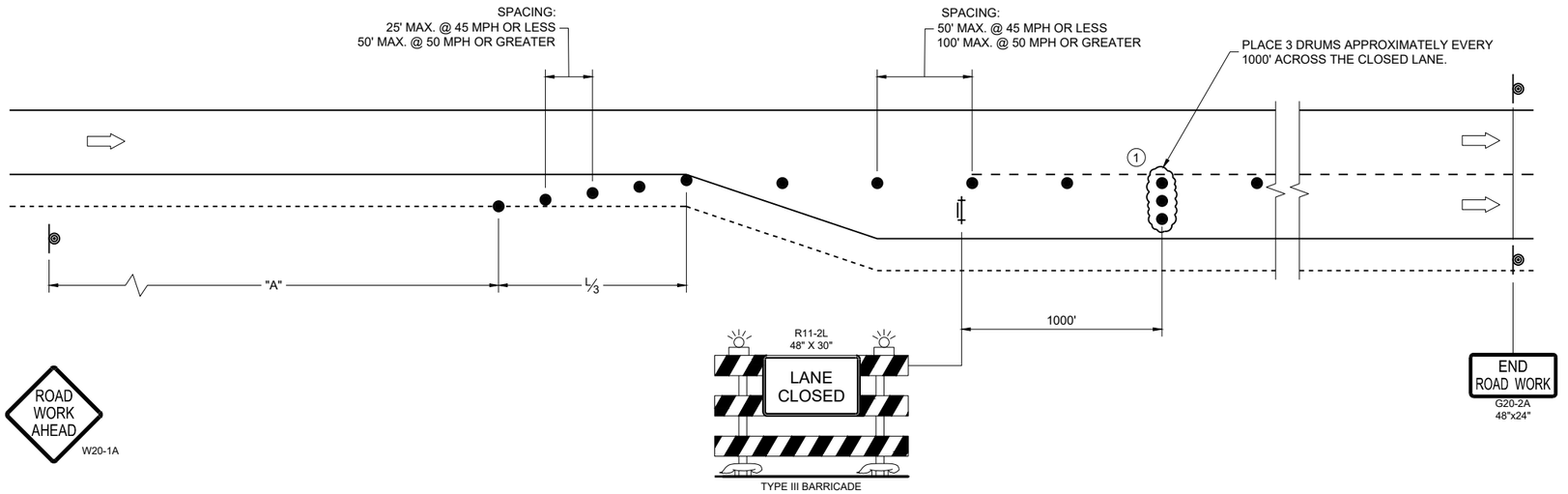
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



6

SDD 15D50-05a

TRAFFIC CONTROL
ADDED LANE CLOSURE
WITHOUT LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D50-05a

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHIFTING TAPER (L/2) FEET
25	200	60
30	200	90
35	350	120
40	350	160
45	500	270
50	500	300
55	500	330

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"x36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

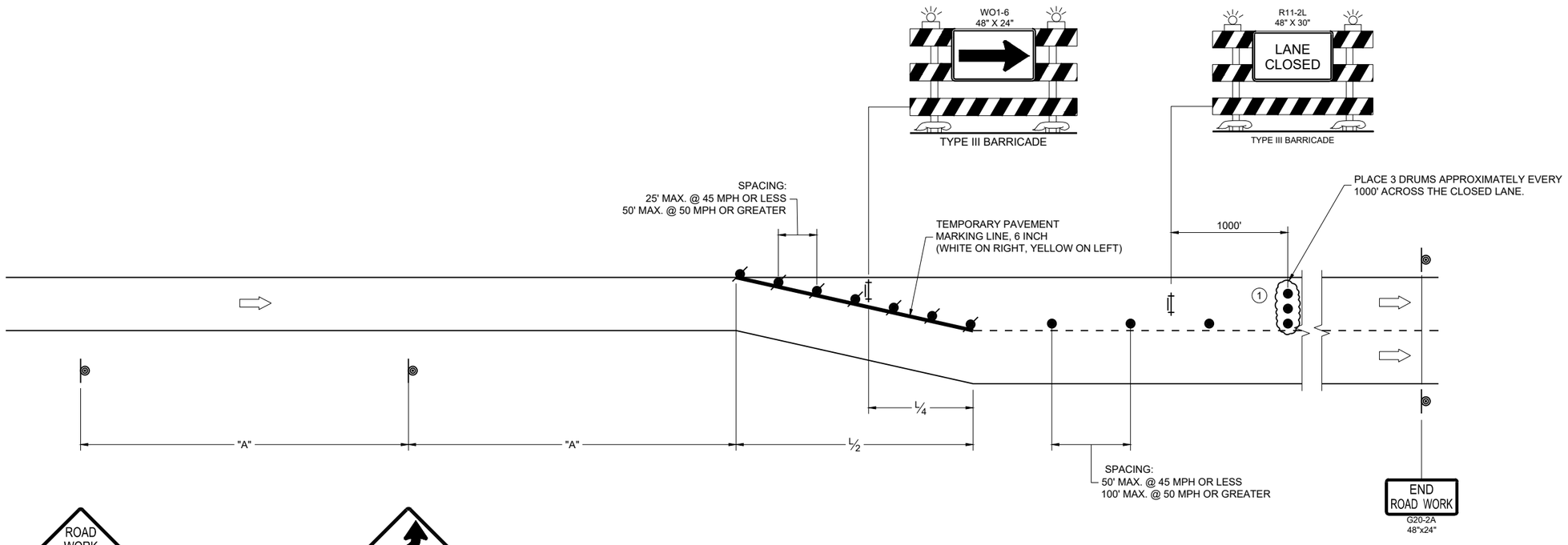
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION WORK IS LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS.

PLACE TEMPORARY PAVEMENT MARKING AND PLACE TEMPORARY PAVEMENT LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.



TRAFFIC CONTROL, ADDED LANE CLOSURE WITH LANE SHIFT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6
SDD 15D50-05b

LEGEND

V1 WORK VEHICLE

V2 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

FLASHING ARROW PANEL (CAUTION)

WORK AREA

DIRECTION OF TRAFFIC

POSTED SPEED PRIOR TO WORK STARTING (MPH)	DECISION SIGHT DISTANCE (D)
0 - 25	550'
30	550'
35	700'
40	700'
45	900'
50	900'
55	1200'

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

MOBILE IS WORK THAT MOVES CONTINUOUSLY OR MOVES AT LEAST THE DECISION SIGHT DISTANCE EVERY 15 MINUTES.

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

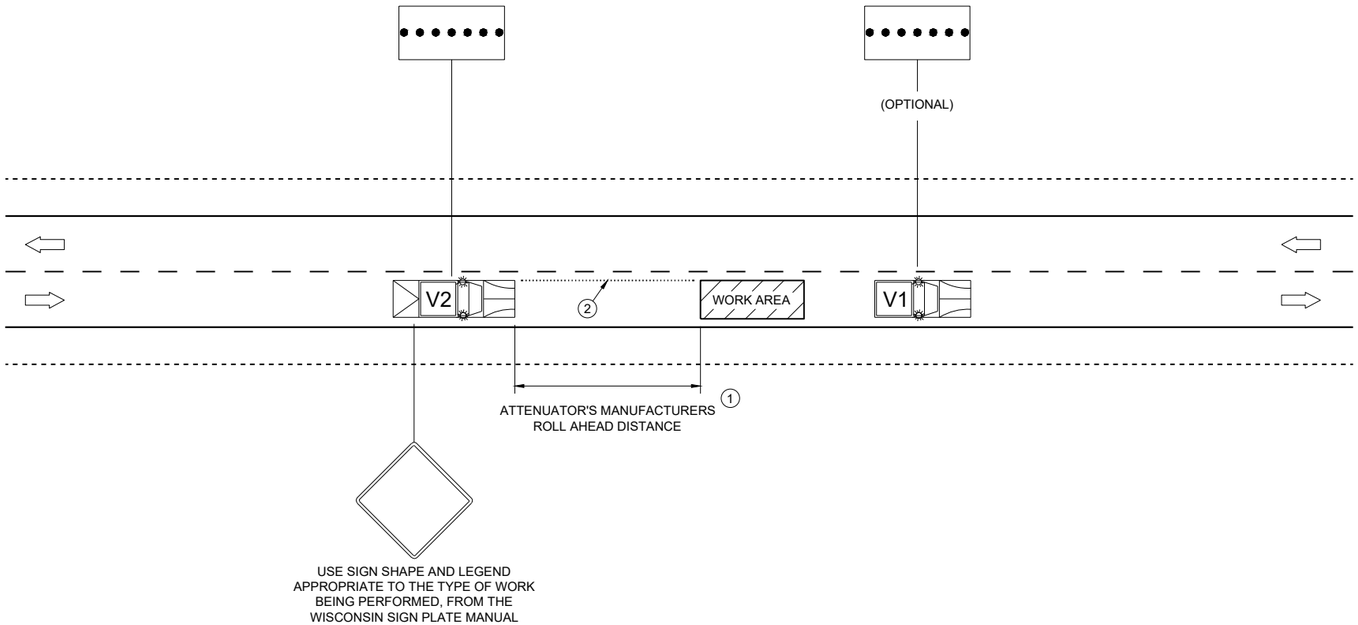
ALL ARROW PANELS SHALL BE REAR FACING, TYPE "B" OR "C", AND DISPLAYING THE FLASHING CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

(1) DISTANCE BETWEEN VEHICLES MAY INCREASE FROM THE ATTENUATOR'S ROLL AHEAD BASED ON TERRAIN, SIGHT DISTANCE, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

(2) ALIGN LEFT SIDE OF SHADOW VEHICLE WITH EDGE OF WORK AREA.



TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

November 2025 — DATE

/S/ Andrew Heidtke — STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

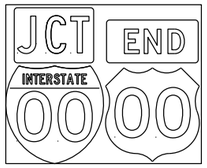
FHWA

6 SDD 15D51-02

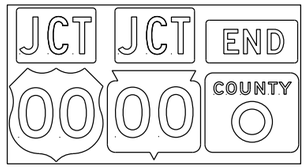
TYPICAL ASSEMBLIES



J1-1



J1-2



J1-3



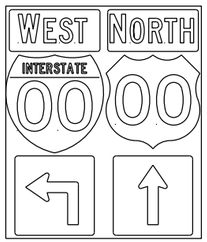
JR1-1



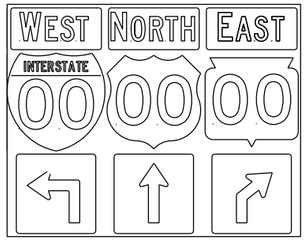
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



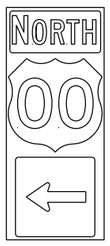
J2-1



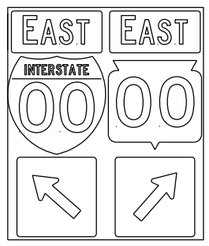
J2-2



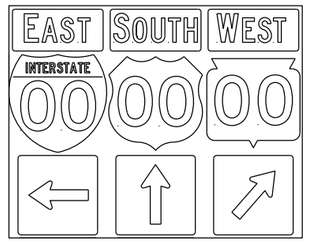
J2-3



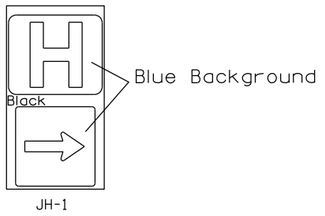
J3-1



J3-2



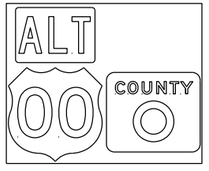
J3-3



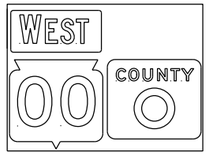
JH-1



J4-1



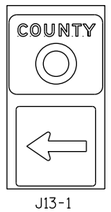
J4-2



J4-2



J12-1



J13-1



J32-1



J33-1



J22-1



J23-1



JR13-1



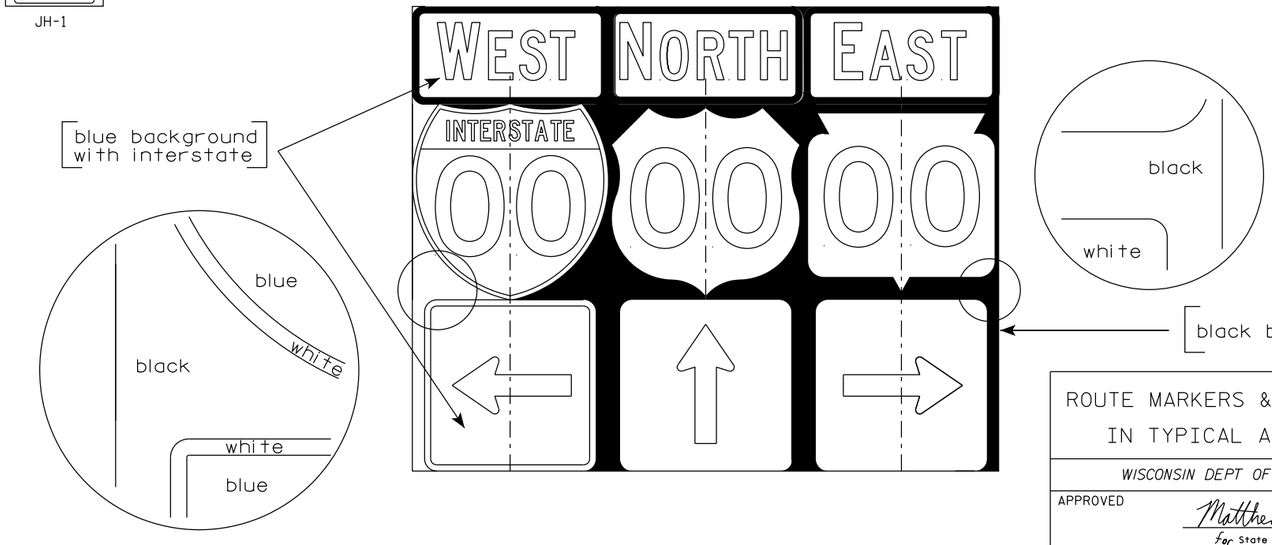
JR23-1



JR99-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

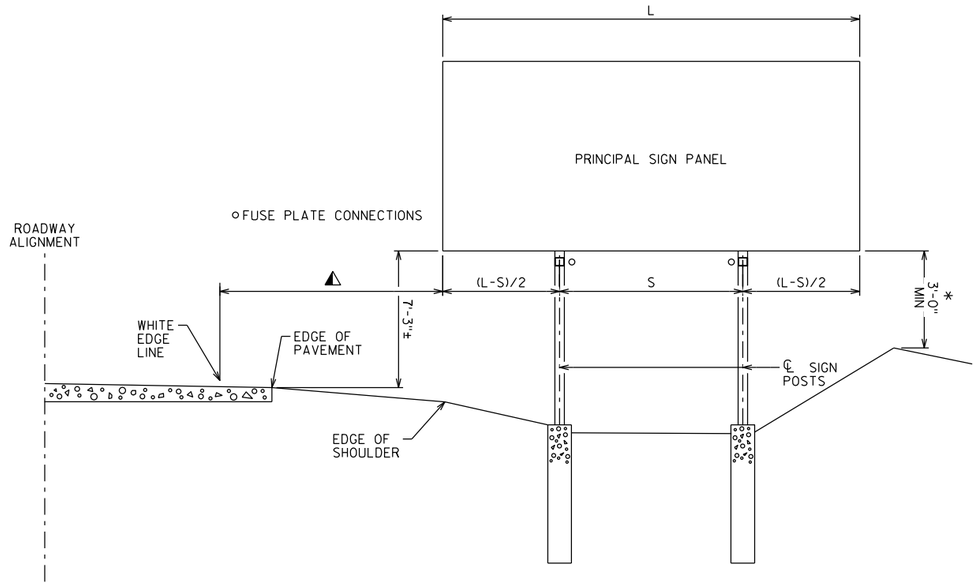
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

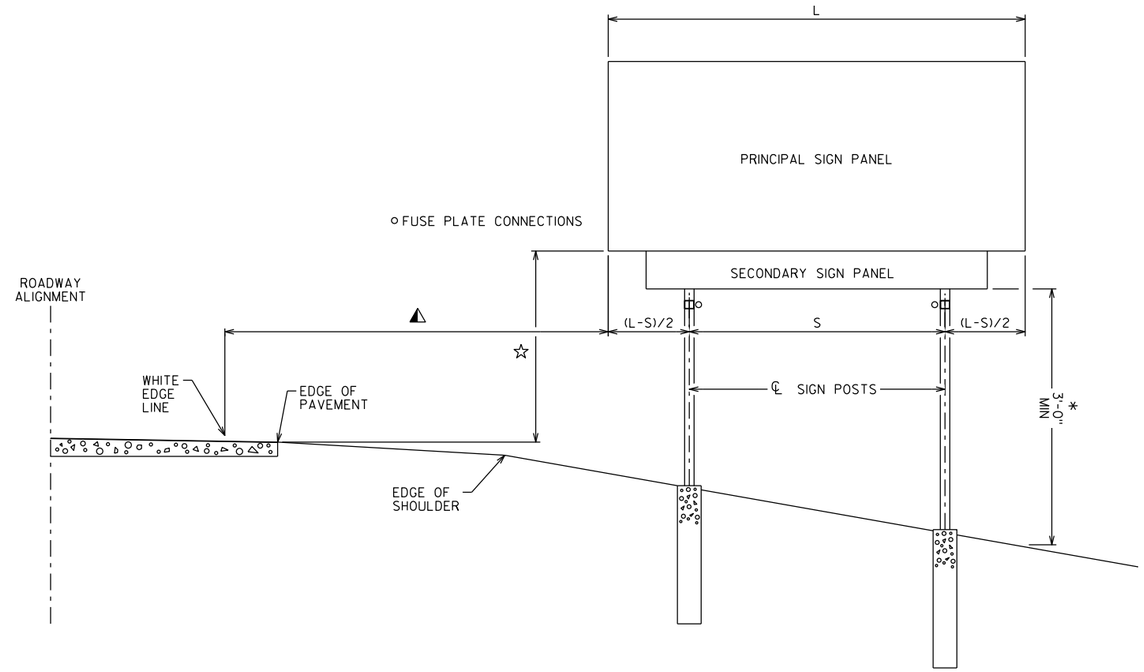
DATE 6/7/23 PLATE NO. A2-1S.10

PROJECT NO:

SHEET NO: 742 E



INSTALLATION WITHOUT SECONDARY SIGN



INSTALLATION WITH SECONDARY SIGN

TYPE 1 SIGN INSTALLATION NOTES:

FOR A 2-POST INSTALLATION, "S" EQUALS 3L/5, BUT SHALL NOT BE LESS THAN 6'-0".

FOR A 3-POST INSTALLATION, "S" EQUALS 5L/7, BUT SHALL NOT BE LESS THAN 12'-0". THE SPACING BETWEEN ANY TWO POSTS SHALL NOT BE LESS THAN 6'-0".

◭ UNLESS NOTED IN THE PLANS, THE SIGN OFFSET DISTANCE SHALL BE A MINIMUM OF 17'-6" FROM THE WHITE EDGE LINE, DESIRABLE 30'-0".

WHERE SIGNS ARE MOUNTED BEHIND CRASH WORTHY PROTECTION SUCH AS GUARDRAIL OR BARRIER WALL, THE LATERAL OFFSET MAY BE 4'-6" BEHIND THE GUARDRAIL OR BARRIER WALL.

THE ± TOLERANCE SHOWN ON THIS SHEETS IS 3".

THE VERTICAL SIGN HEIGHT CLEARANCES SHOWN ON THIS SHEET ARE MEASURED FROM THE BOTTOM OF THE SIGN PANEL TO THE NEAR EDGE OF PAVEMENT.

☆ THE VERTICAL CLEARANCE SHALL BE 8'-3"± WHEN THE SECONDARY SIGN HEIGHT IS 3'-0" OR LESS. FOR SECONDARY SIGN HEIGHTS LARGER THAN 3'-0", THE VERTICAL CLEARANCE TO THE BOTTOM OF THE SECONDARY SIGN PANEL SHALL BE 5'-3"±.

* THE VERTICAL SIGN GROUND CLEARANCE ON RIGHT END OF SIGN SHALL BE A MINIMUM OF 3'-0"±.

○ FOR 2-POST SIGNS, IF THERE IS A SECONDARY SIGN THAT IS NOT AS WIDE AS THE POSTS, INSTALL FUSE PLATES BENEATH PRINCIPAL SIGN.

FOR SECONDARY SIGNS THAT ARE NOT AS WIDE AS THE EXTERIOR POSTS, SECURE SIGN WITH CHANNEL STEEL AS DESCRIBED IN A4-6.

POST LENGTHS SHOWN IN THE MISCELLANEOUS QUANTITIES ARE ESTIMATED LENGTHS. THE CONTRACTOR SHALL VERIFY POST LENGTHS AT THE TIME OF FINAL GRADING.

REFER TO THE TRAFFIC ENGINEERING OPERATIONS AND SAFETY MANUAL FOR FURTHER GUIDANCE ON MINIMUM VERTICAL CLEARANCE REQUIREMENTS.

NO.	DATE	REVISION	BY
	2/29/24		

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE BTO TYPE I SIGNS

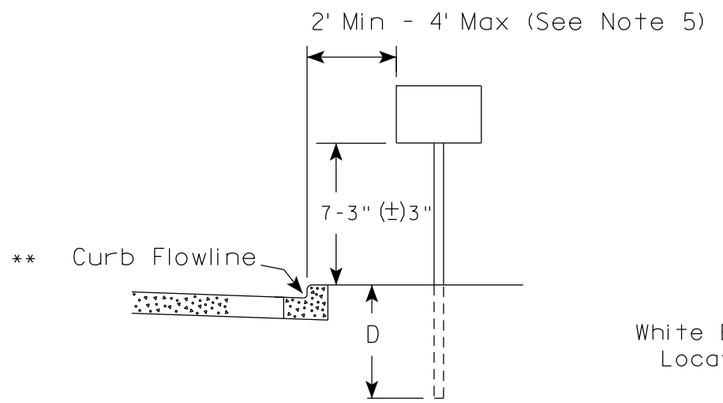
DRAWN BY	PLANS CK'D.

TYPICAL TYPE I SIGN INSTALLATION

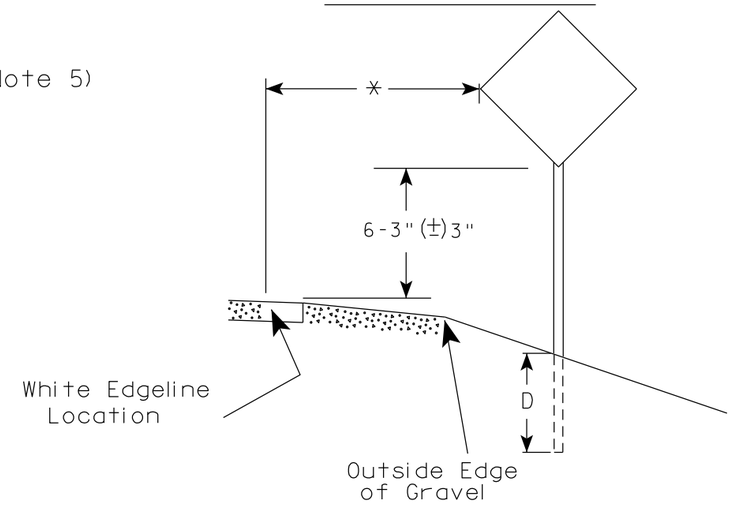
SHEET A4-1.11

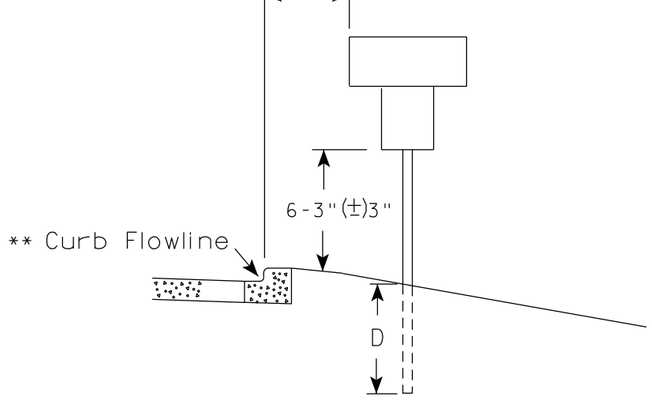
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 743	E

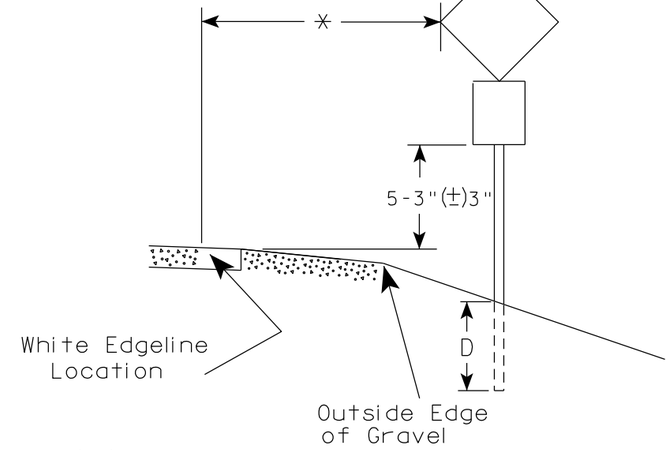
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

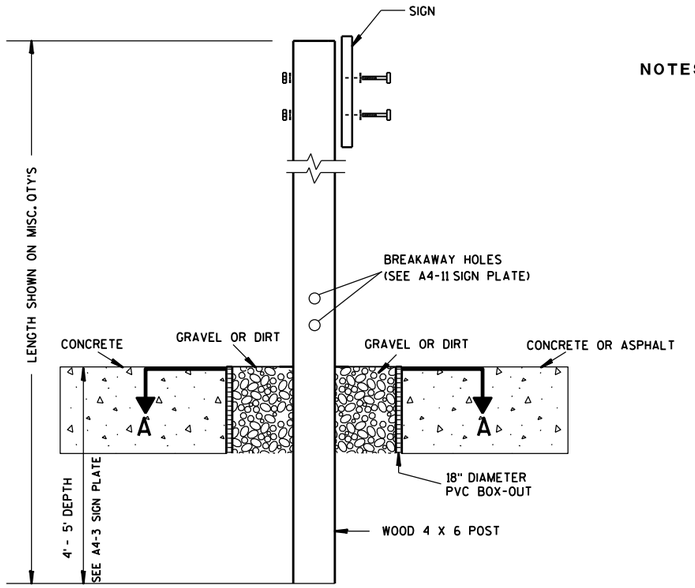
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

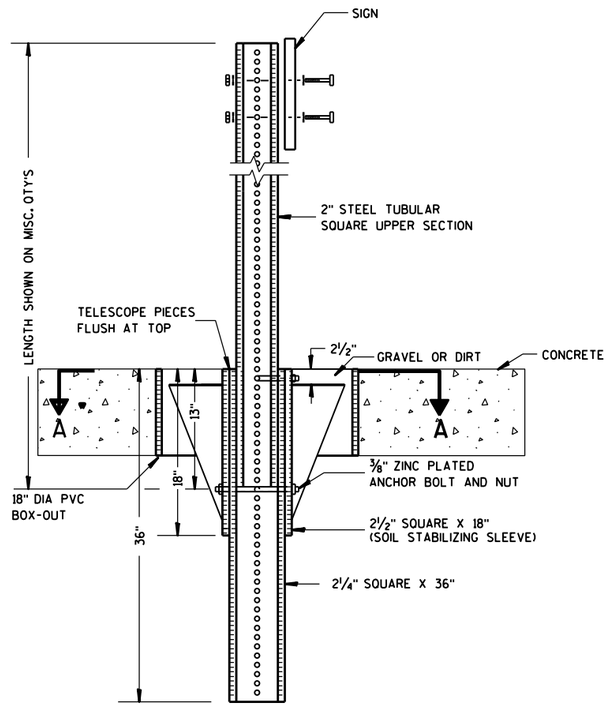
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 744	E



ELEVATION VIEW

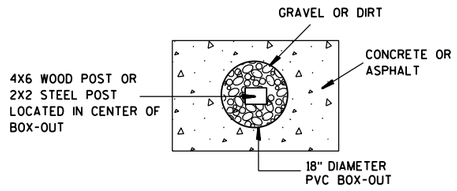
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

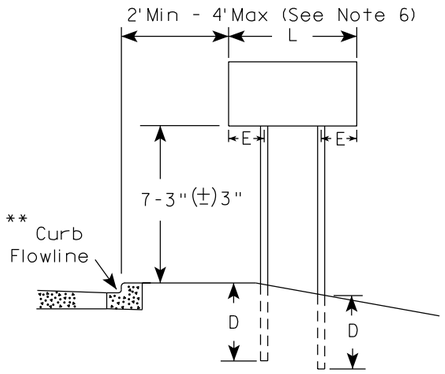
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

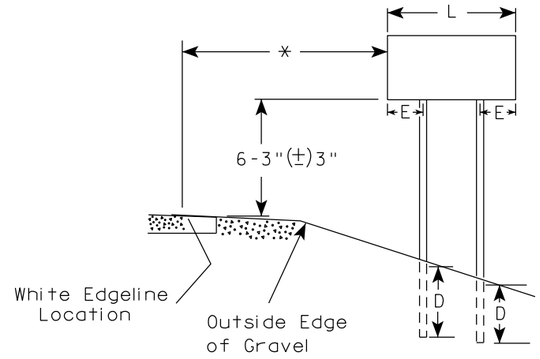
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

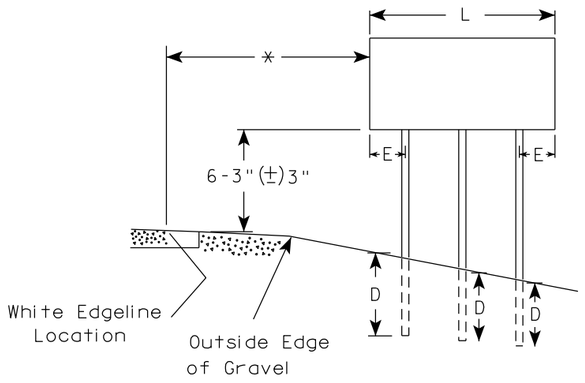
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

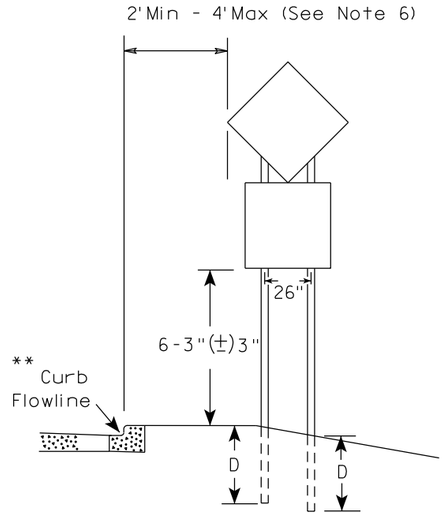
URBAN AREA



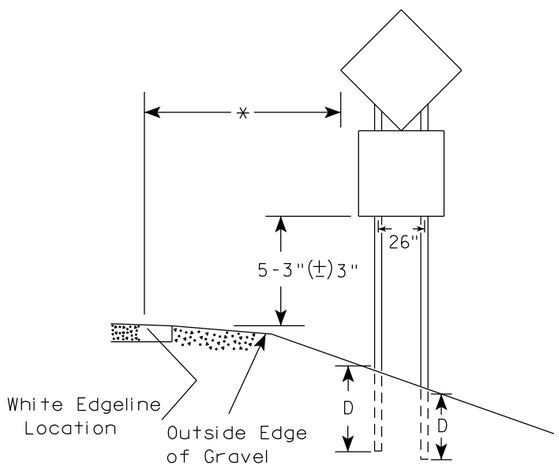
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

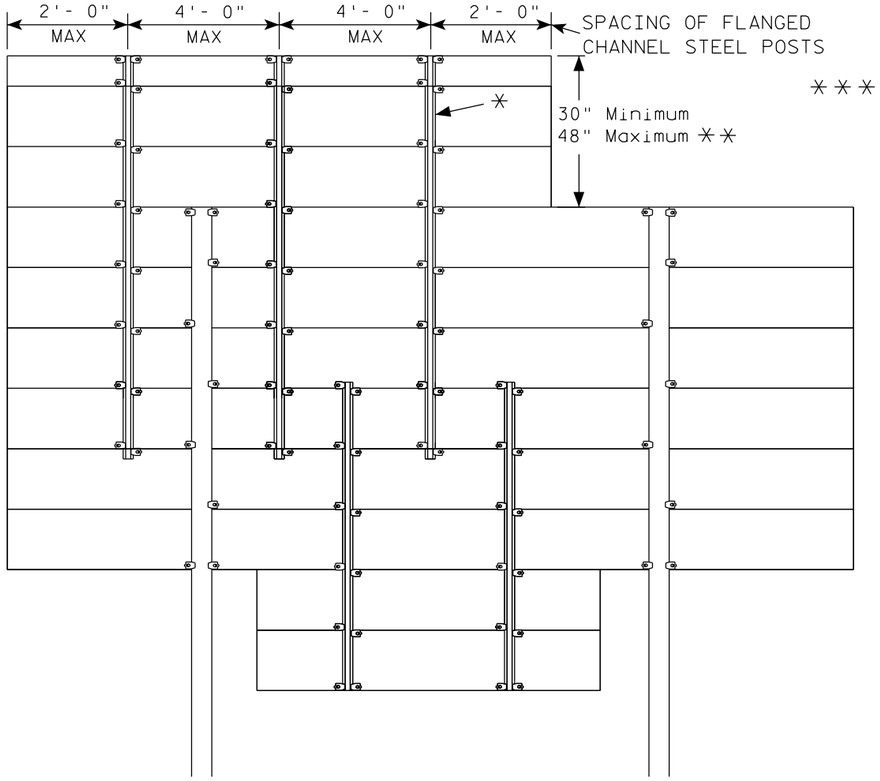
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 746	E

GROUND MOUNTED SIGN



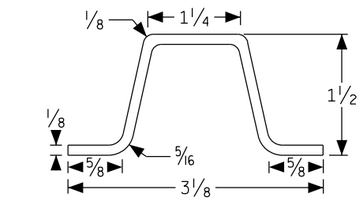
✳=2.00 lb/ft AND 4.00 lb/ft FLANGED CHANNEL, MIN. YIELD STRENGTH = 60,000 PSI (GRADE 60) GALVANIZED

✳✳=FOR 48" HEIGHT PANELS ON OVERHEAD STRUCTURES, ENTIRE SIGN SHALL BE CENTERED VERTICALLY ABOUT THE DEPTH OF THE TRUSS.

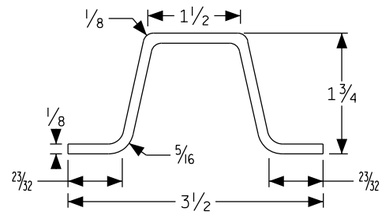
✳✳✳ THESE SPACING DISTANCES SHALL ONLY BE USED WHEN THE MAIN SIGN HAS A MAXIMUM HEIGHT (DIMENSION H) OF 15 FT OR LESS. FOR SIGNS WITH A HEIGHT OF GREATER THAN 15 FT, STRUCTURAL CALCULATIONS SHALL BE PERFORMED.

FLANGE CHANNEL DETAILS

NOT TO SCALE

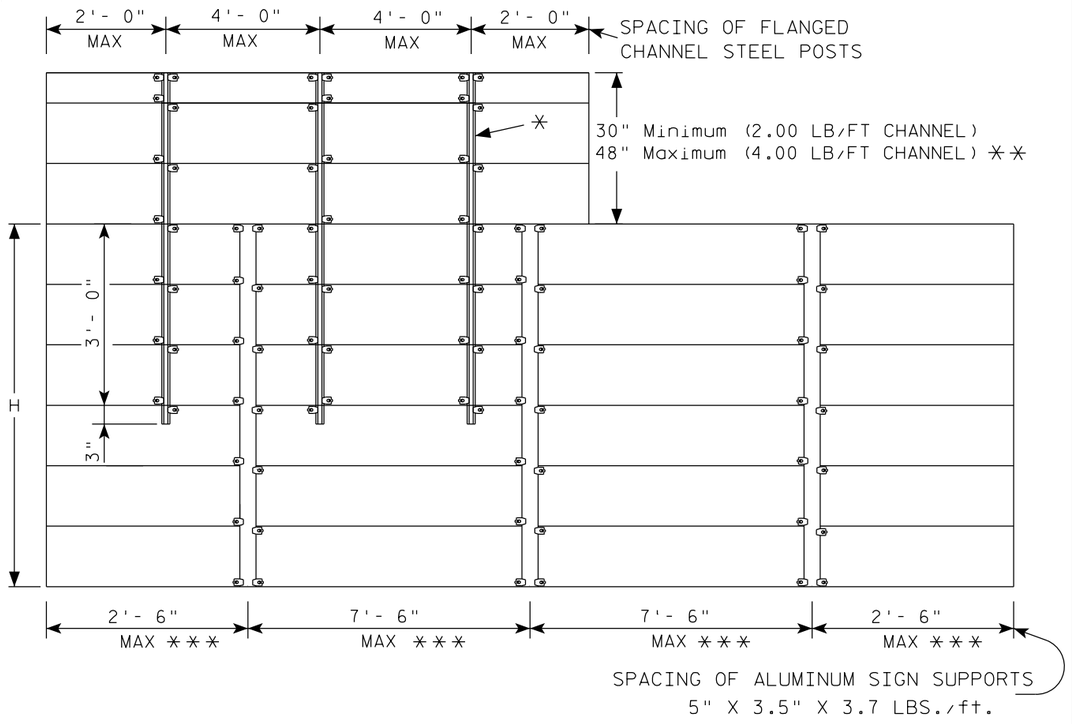


2.00 LB/FT CHANNEL



4.00 LB/FT CHANNEL

SIGN BRIDGE MOUNTED SIGN



GENERAL NOTES

1. Flanged channel steel posts shall conform to size and material above, and shall be considered as incidental to other items in the contract.

2. Number of Flanged channel steel supports varies with length of panel and shall be spaced as shown:

   PANEL LENGTH 8'-0" OR LESS = 2 CHANNELS
   PANEL LENGTH 9'- 0" - 12'- 0" = 3 CHANNELS
   PANEL LENGTH 13'- 0" OR MORE = 4 CHANNELS

   If the flanged channel steel posts can not be horizontally spaced as shown, they can be moved so as to securely hold the sign.

3. The EXIT NUMBER PANEL shall normally be positioned above the guide sign aligned with the right edge of the guide sign. If the guide sign indicates a left exit, the EXIT NUMBER PANEL shall be aligned with the left edge of the guide sign.

4. If the bolt holes in the top panel (EXIT NUMBER), or sub panel (NEXT EXIT) line up with holes in main sign panel, stitch bolts shall be used in addition to the channels.

5. Provide post clips for each sign as shown. (Please note the differences between a ground mounted versus Sign bridge mounted sign as far as number of clips required on the main supports or beams)

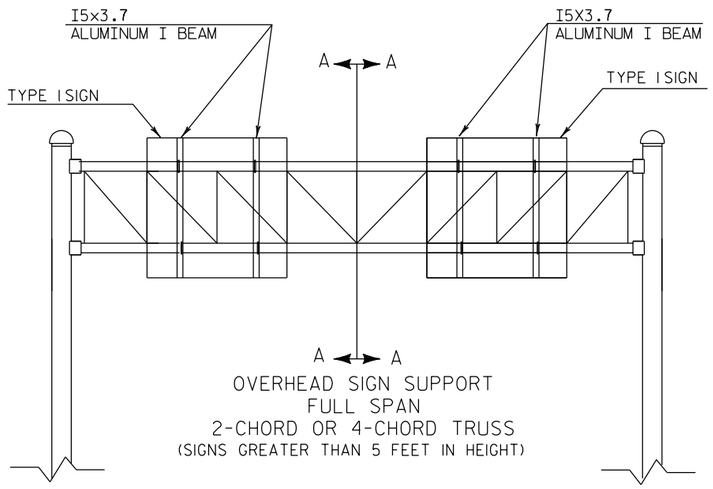
6. Structural steel sign supports shall extend to the top of the main signs, as shown on the above details.

ATTACHMENT OF GUIDE SIGNS TO SUPPORTS

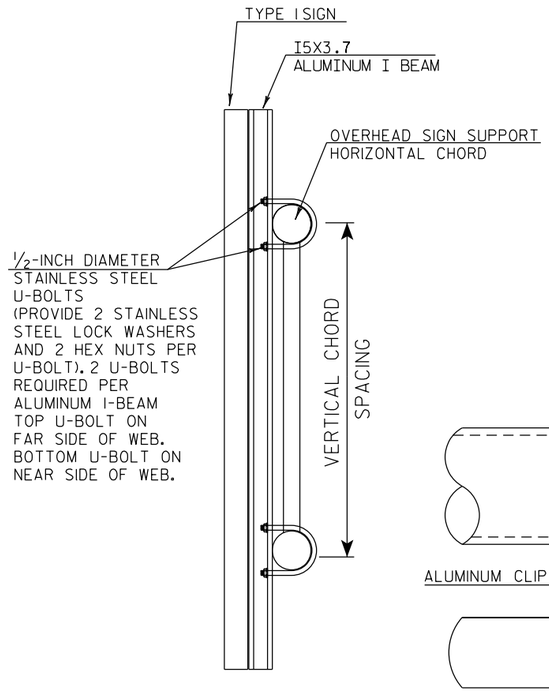
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

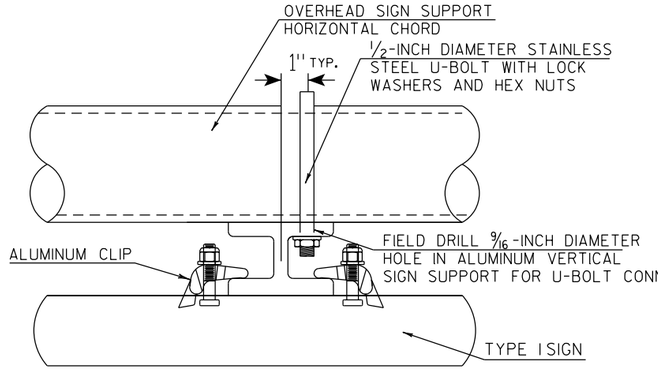
DATE 1/07/20 PLATE NO. A4-6.12



OVERHEAD SIGN SUPPORT
FULL SPAN
2-CHORD OR 4-CHORD TRUSS
(SIGNS GREATER THAN 5 FEET IN HEIGHT)



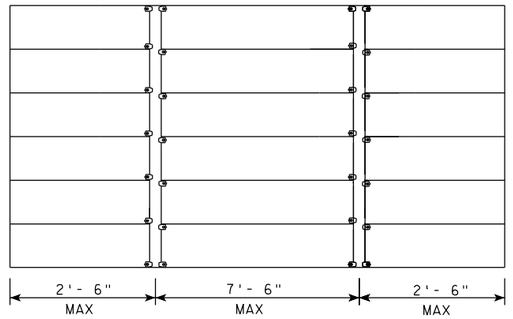
CUT SECTION A-A



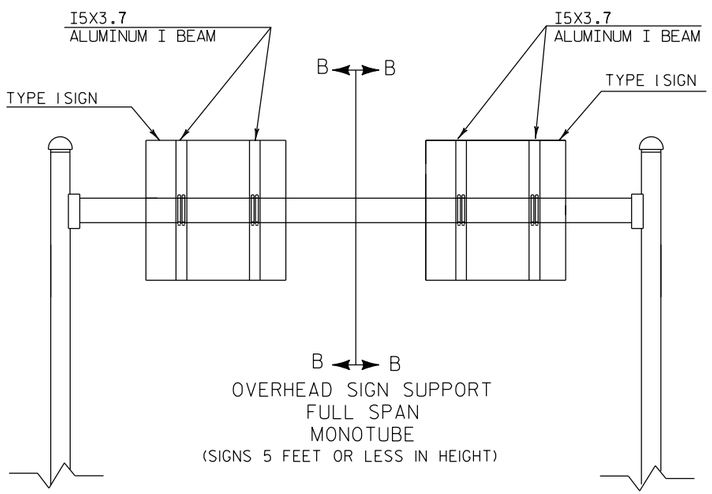
TYPICAL SIGN CONNECTION FOR
2-CHORD OR 4-CHORD TRUSS
PLAN VIEW

GENERAL NOTES

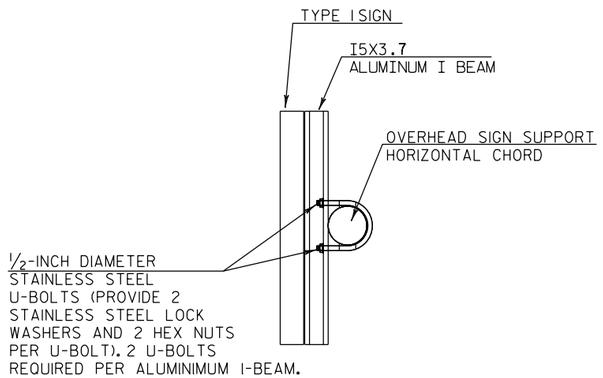
1. USE STAINLESS STEEL U-BOLTS, WASHERS, AND NUTS.
2. USE CLIPS ON EVERY EXTRUDED PANEL JOINT PER SIGN PLATE A4-6.
3. USE ALUMINUM VERTICAL SIGN SUPPORT BEAMS HAVING A 5 INCH BEAM DEPTH AND WEIGHT OF 3.7 LBS PER FOOT.
4. U-BOLTS SHALL BE STAINLESS STEEL AND MANUFACTURED TO THE PROPER SIZE TO FIT THE CHORDS OF THE OVERHEAD SIGN STRUCTURE.
5. DIAMETER OF U-BOLTS SHALL BE AS SHOWN.
6. THE LENGTH OF THE ALUMINUM VERTICAL SIGN SUPPORT BEAMS SHALL BE THE SAME AS THE HEIGHT OF THE SIGN THEY ARE SUPPORTING. BEAM LENGTHS MAY BE LONGER FOR PROPER ATTACHMENT TO CHORDS.
7. MINIMUM NUMBER OF BRACKETS PER SIGN IS TWO. SEE DETAIL BELOW FOR SPACING OF ALUMINUM VERTICAL SIGN SUPPORTS
8. MATERIAL NOTES:
   STAINLESS STEEL U-BOLTS AND LOCKWASHERS ASTM 304.
   STAINLESS STEEL HEX NUTS ASTM A276.
   ALUMINUM I-BEAMS ARE 6061-T6.
9. SLOTTED HOLES IN I-BEAMS ARE NOT ALLOWED



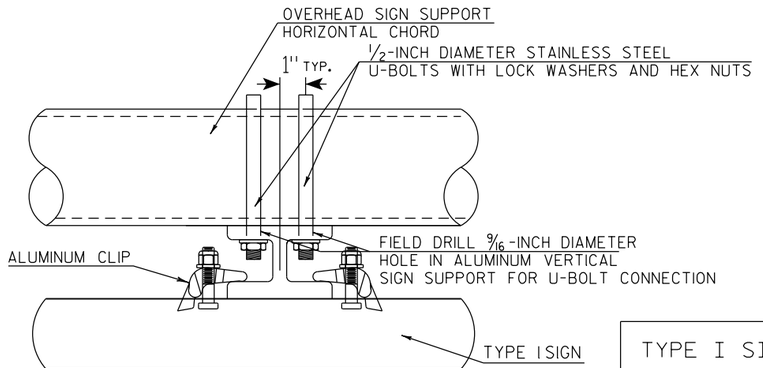
SPACING OF I5X3.7 ALUMINUM
VERTICAL SIGN SUPPORT



OVERHEAD SIGN SUPPORT
FULL SPAN
MONOTUBE
(SIGNS 5 FEET OR LESS IN HEIGHT)



CUT SECTION B-B



TYPICAL SIGN CONNECTION FOR
MONOTUBE
PLAN VIEW

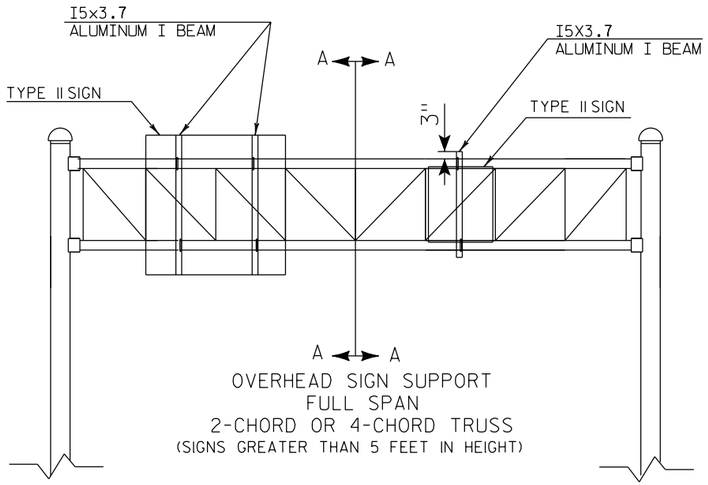
TYPE I SIGN CONNECTION
TO OVERHEAD SIGN SUPPORT

WISCONSIN DEPT OF TRANSPORTATION

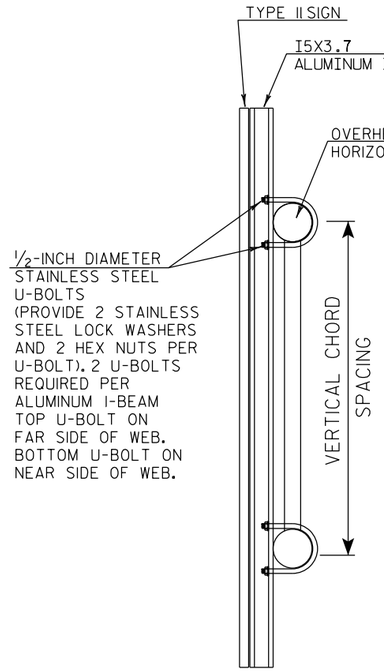
APPROVED Matthew R Rauch
State Traffic Engineer

DATE 1/07/20 PLATE NO. A4-7A.1

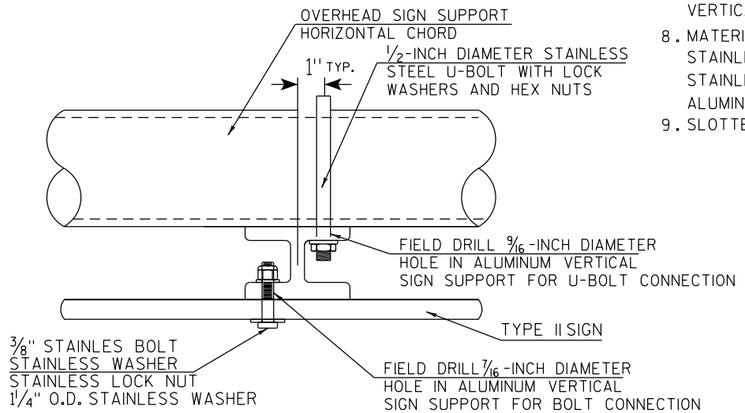
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 748	E



OVERHEAD SIGN SUPPORT
FULL SPAN
2-CHORD OR 4-CHORD TRUSS
(SIGNS GREATER THAN 5 FEET IN HEIGHT)



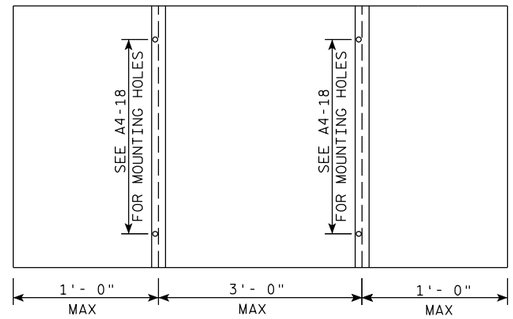
CUT SECTION A-A



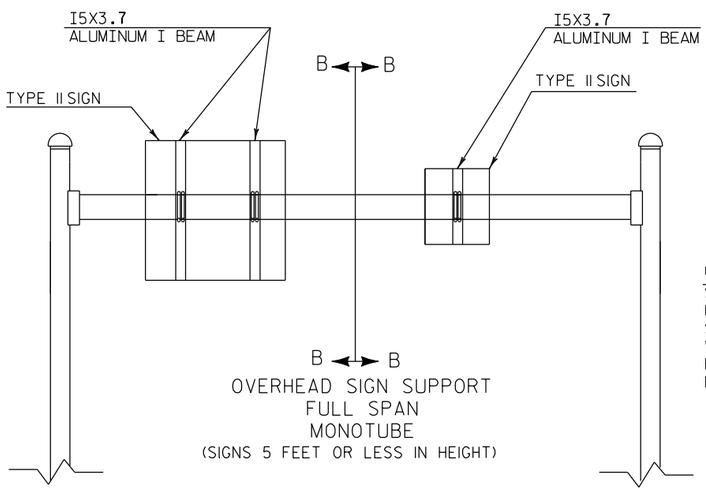
TYPICAL SIGN CONNECTION FOR
2-CHORD OR 4-CHORD TRUSS
PLAN VIEW

GENERAL NOTES

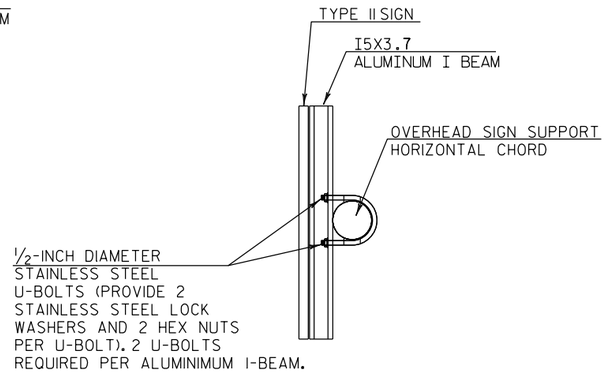
1. USE STAINLESS STEEL U-BOLTS, WASHERS, AND NUTS.
2. USE STAINLESS BOLTS AT BOLT HOLES IN SIGN PANEL PER SIGN PLATE A4-18.
3. USE ALUMINUM VERTICAL SIGN SUPPORT BEAMS HAVING A 5 INCH BEAM DEPTH AND WEIGHT OF 3.7 LBS PER FOOT.
4. U-BOLTS SHALL BE STAINLESS STEEL AND MANUFACTURED TO THE PROPER SIZE TO FIT THE CHORDS OF THE OVERHEAD SIGN STRUCTURE.
5. DIAMETER OF U-BOLTS SHALL BE AS SHOWN.
6. THE LENGTH OF THE ALUMINUM VERTICAL SIGN SUPPORT BEAMS SHALL BE THE SAME AS THE HEIGHT OF THE SIGN THEY ARE SUPPORTING. BEAM LENGTHS MAY BE LONGER FOR PROPER ATTACHMENT TO CHORDS.
7. SEE DETAIL BELOW FOR SPACING OF ALUMINUM VERTICAL SIGN SUPPORTS
8. MATERIAL NOTES:
   STAINLESS STEEL U-BOLTS, BOLTS, AND LOCKWASHERS ASTM 304.
   STAINLESS STEEL HEX NUTS ASTM A276.
   ALUMINUM I-BEAMS ARE 6061-T6.
9. SLOTTED HOLES IN I-BEAMS ARE NOT ALLOWED



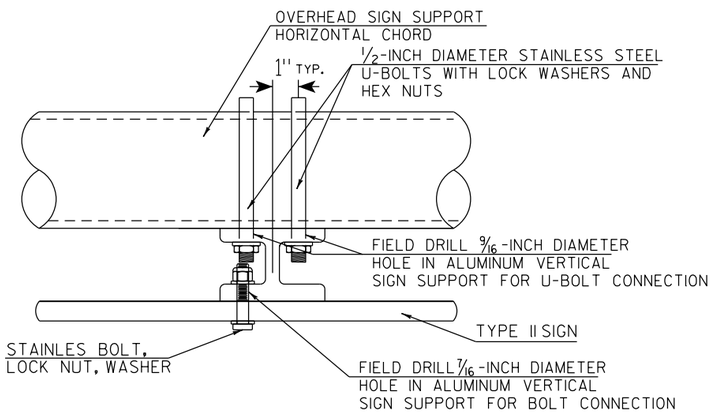
SPACING OF I5X3.7 ALUMINUM
MULTIPLE VERTICAL SIGN SUPPORTS



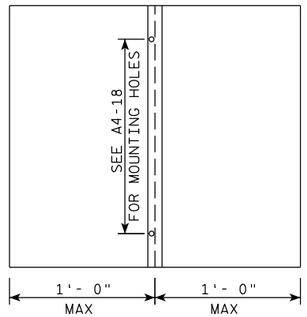
OVERHEAD SIGN SUPPORT
FULL SPAN
MONOTUBE
(SIGNS 5 FEET OR LESS IN HEIGHT)



CUT SECTION B-B



TYPICAL SIGN CONNECTION FOR
MONOTUBE
PLAN VIEW



SPACING OF I5X3.7 ALUMINUM
SINGLE VERTICAL SIGN SUPPORT

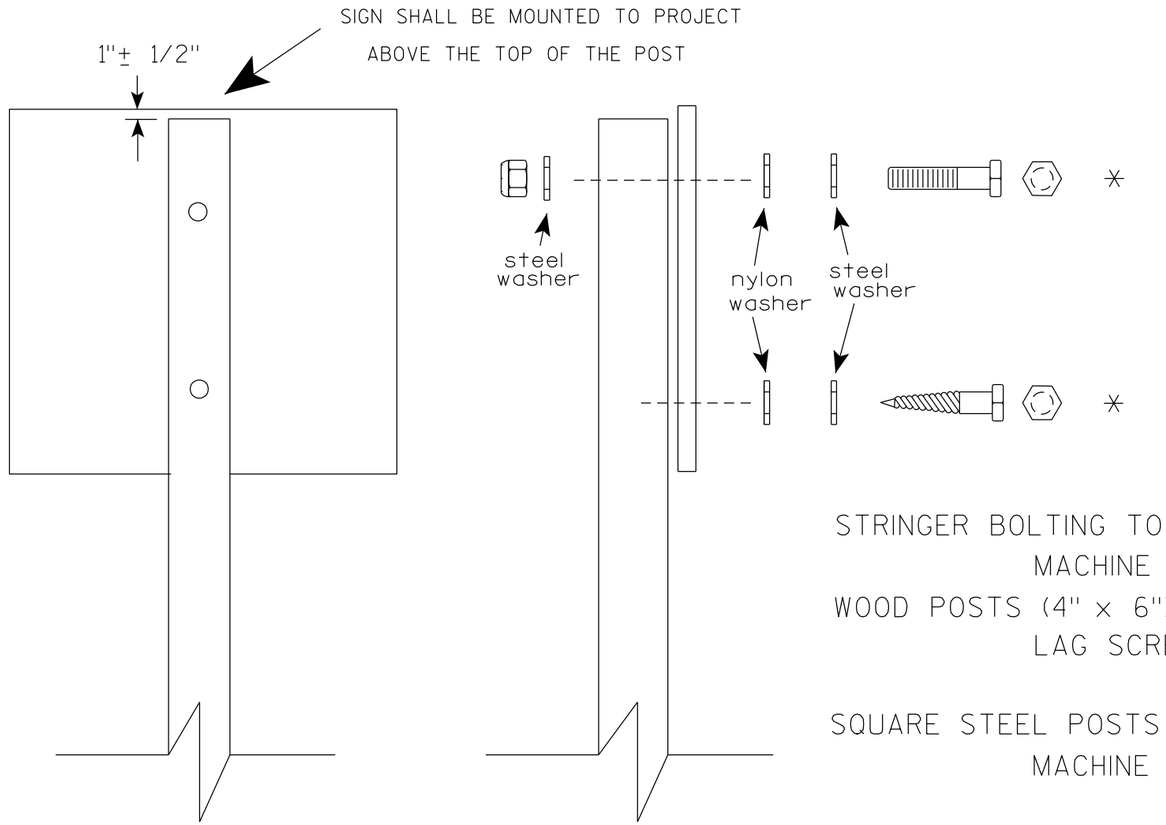
TYPE II SIGN CONNECTION
TO OVERHEAD SIGN SUPPORT

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/07/20 PLATE NO. A4-7B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 749	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

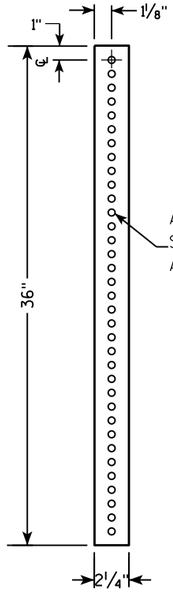
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

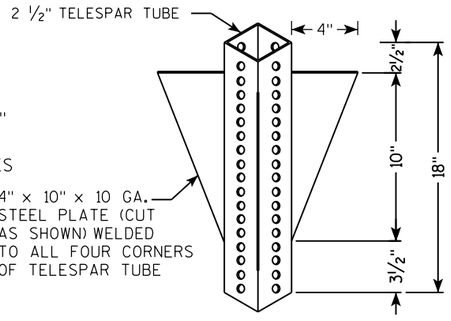
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

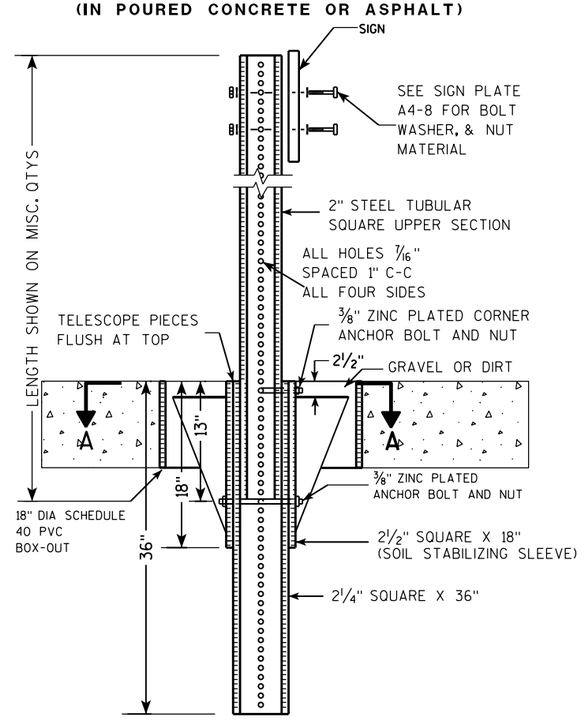
2 ¼ " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



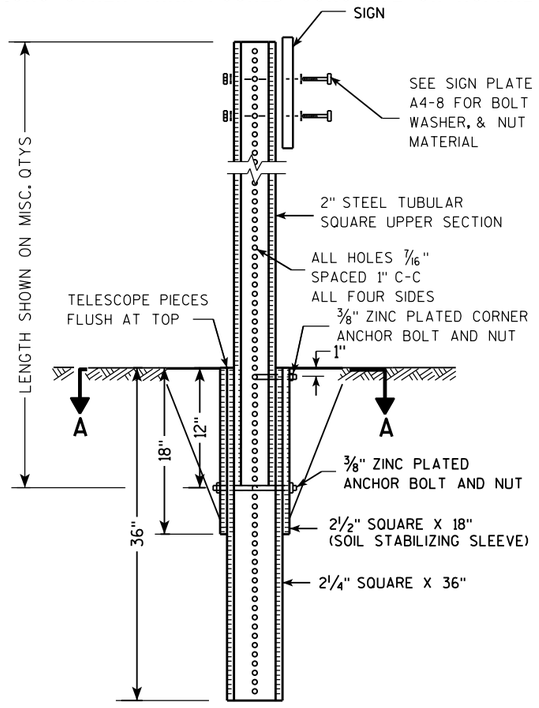
2 ½ " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

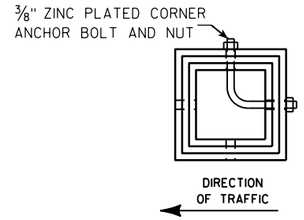


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

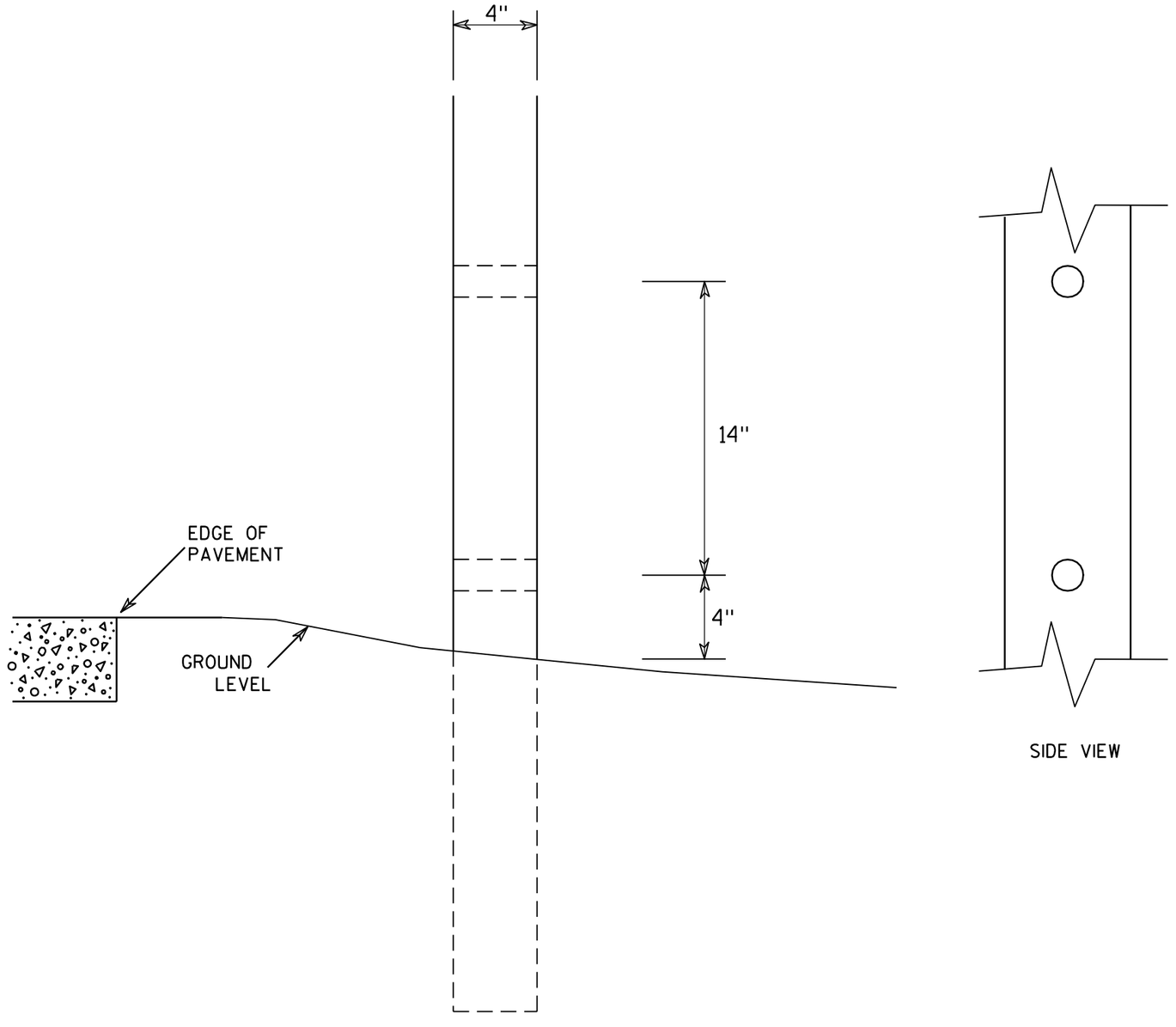
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 751 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

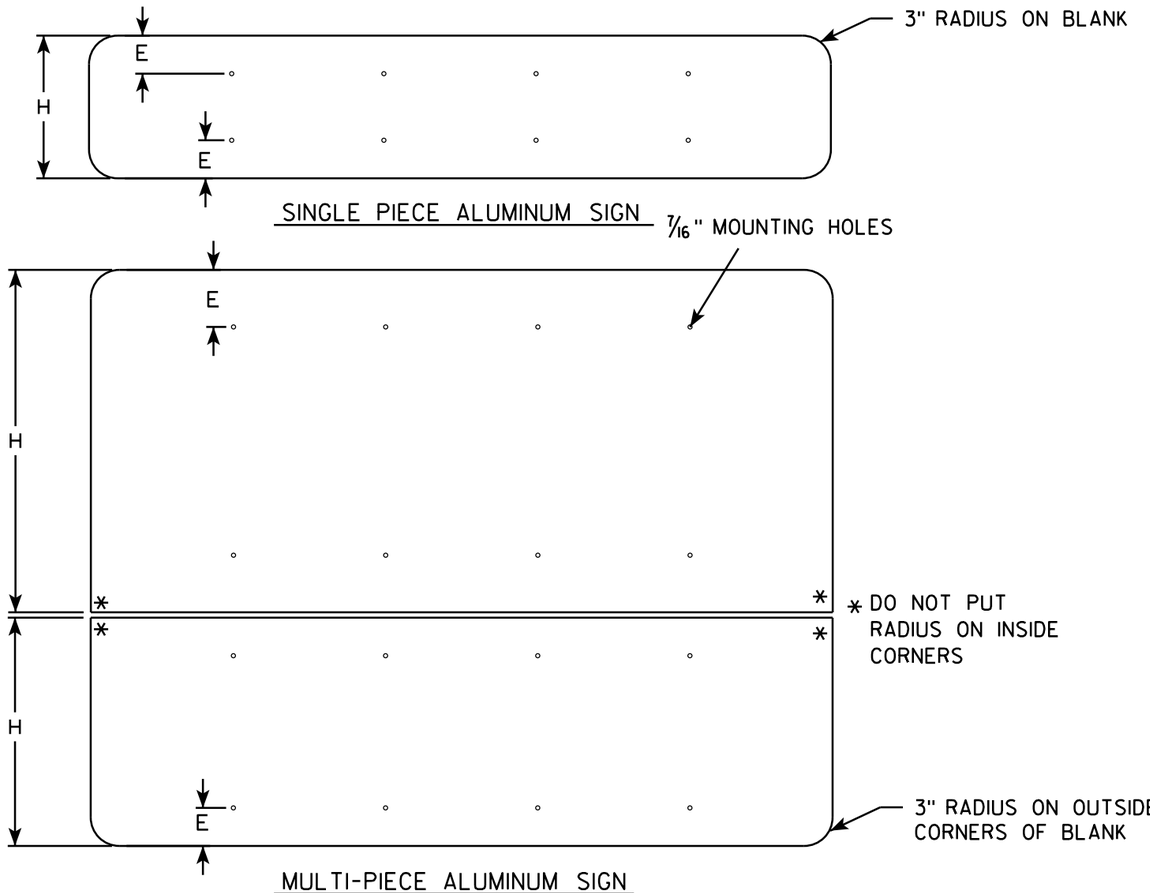
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

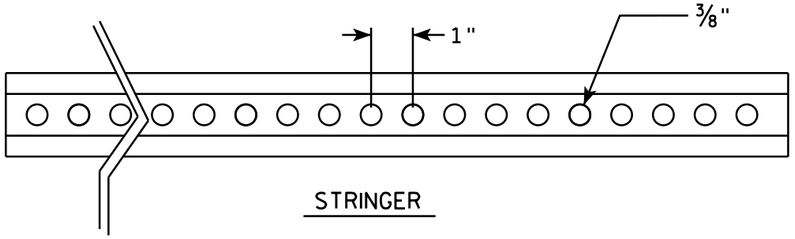
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 752	E



GENERAL NOTES

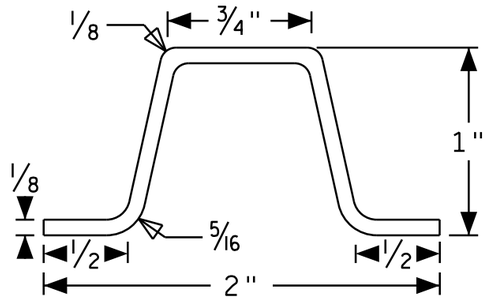
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

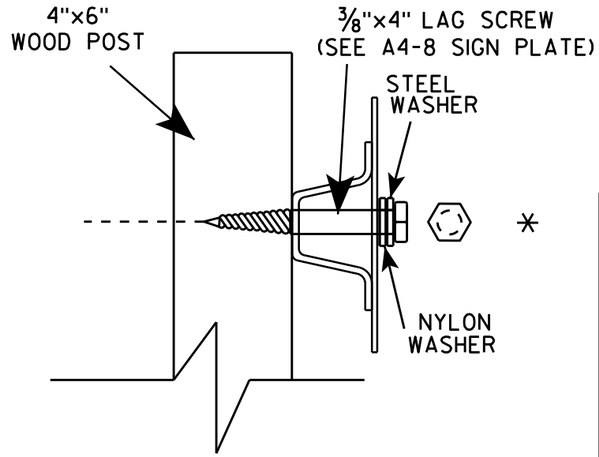


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

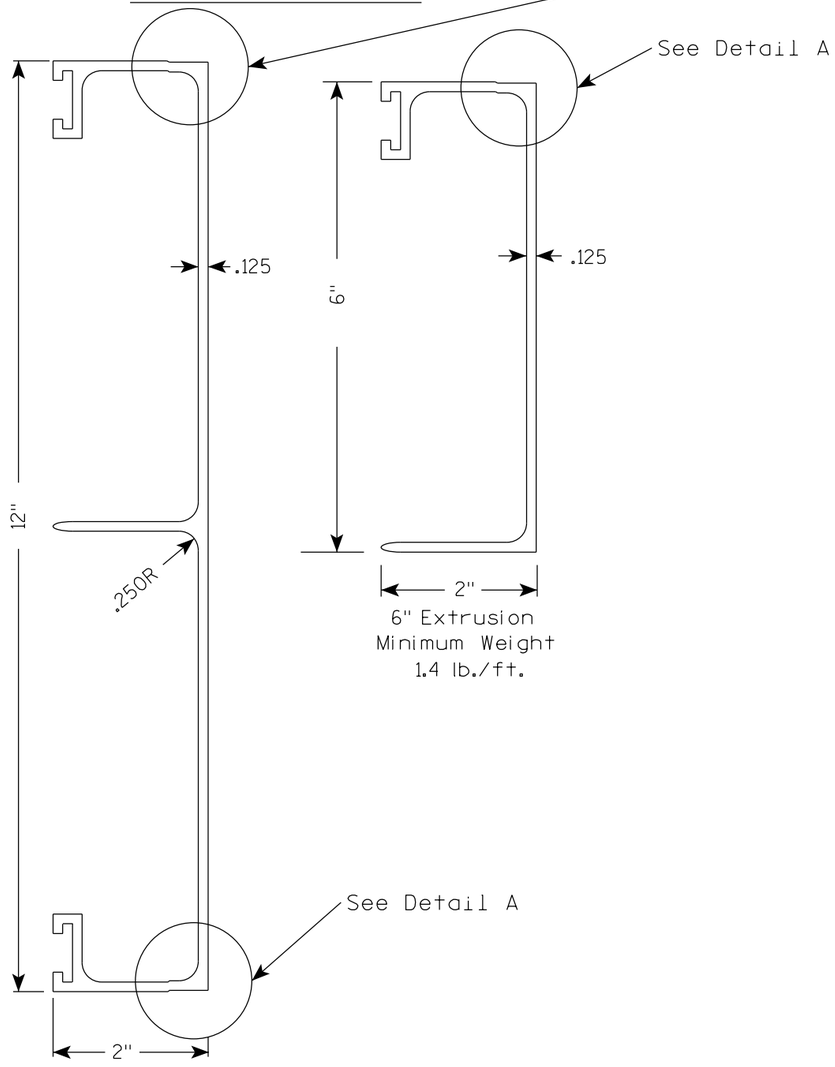
for State Traffic Engineer

DATE 4/26/16 PLATE NO A4-18.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

Extruded Shape

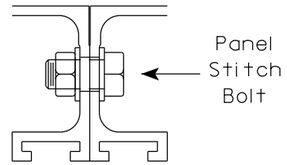


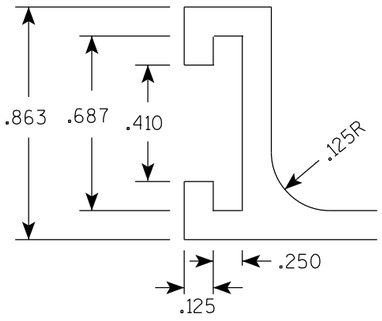
Hardware

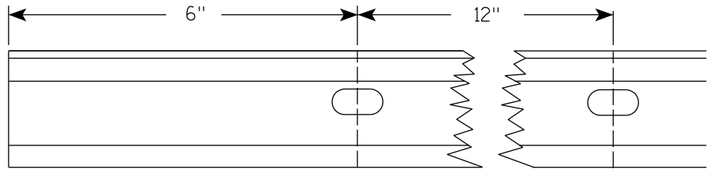
STITCH BOLT, WASHER & NUT

The hardware includes:

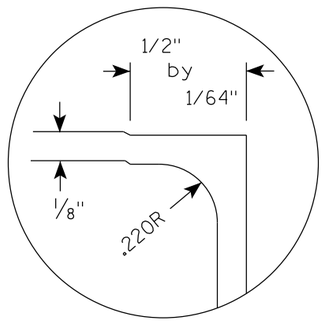
3/8 " - 16 X 3/4 " Economy Bolt 2024-T4 alloy
3/8 " - Stainless steel stop nut
3/8" X .064 Flat Washers, Alclad 2024-T4 alloy







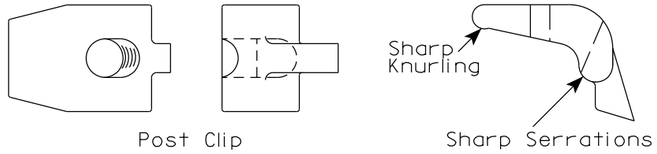
Punch 7/16" x 7/8" oval holes beginning 6" in from end of extrusion 12" CC on both edges of 6" and 12" panels.

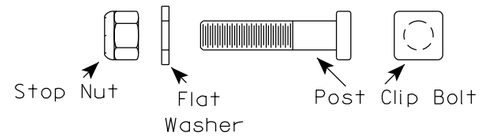


DETAIL A (EDGE WRAP JOINT)

POST CLIP, POST CLIP BOLT, WASHER & NUT

Post Clip shall be Alum. Alloy 356-T6
Post Clip Bolt shall be Stainless Steel.
Flat washer shall be 3/8" X .091, Stainless Steel.
Stop nut shall be stainless steel.





NOTES

1. The contractor may select any brand of extrusion that conforms to the illustrations or meets with the approval of the engineer, but all extrusions used on this contract shall be of the same brand.
2. Panel Stitch Bolts shall be used to assemble adjacent panels. Maximum stitch bolt spacing shall be 24" C-C, and a minimum of 4 bolts shall be used to connect any two extrusions.
3. Post Clips shall be used to attach the sign panel to the sign support.
4. Edge wrapping of sign sheeting required on all extrusions joints shown in Detail A.

ALUMINUM EXTRUSIONS FOR TYPE I SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

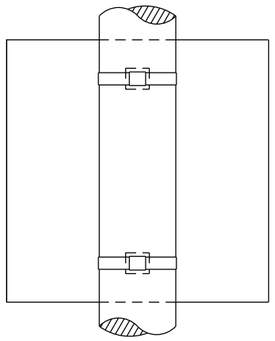
DATE 1/07/20 PLATE NO. A5-2.10

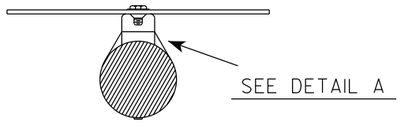
PROJECT NO:

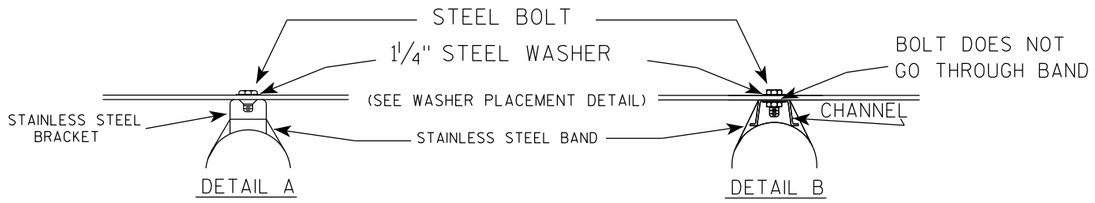
SHEET NO: 754 E

BANDING

SINGLE SIGN



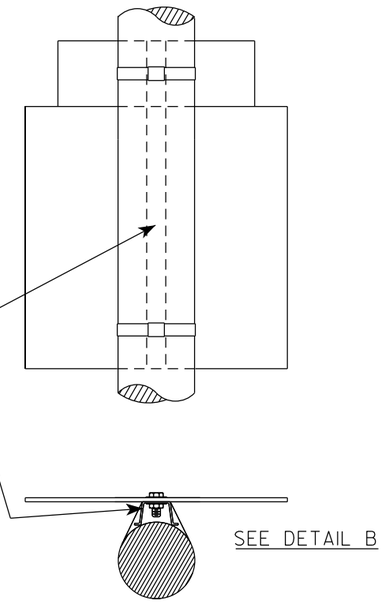




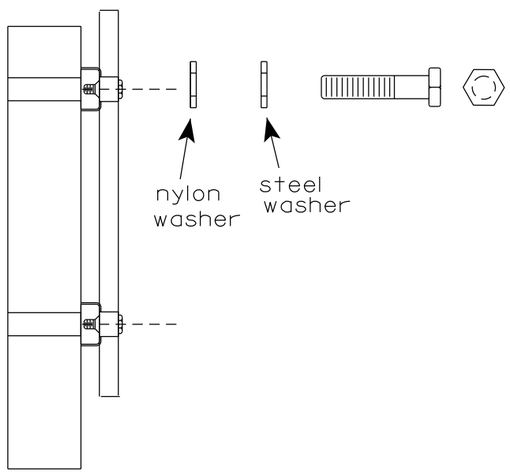
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

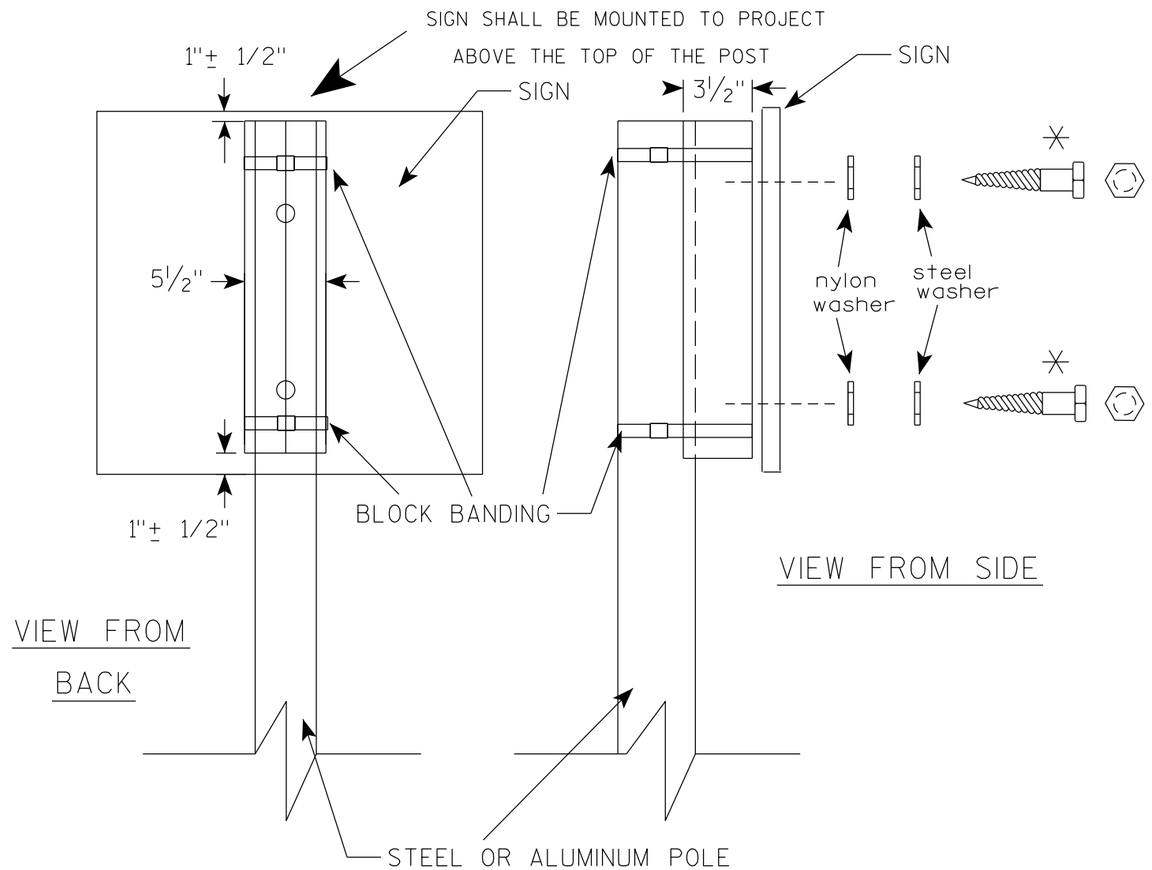
DATE 6/10/19 PLATE NO. A5-9.4

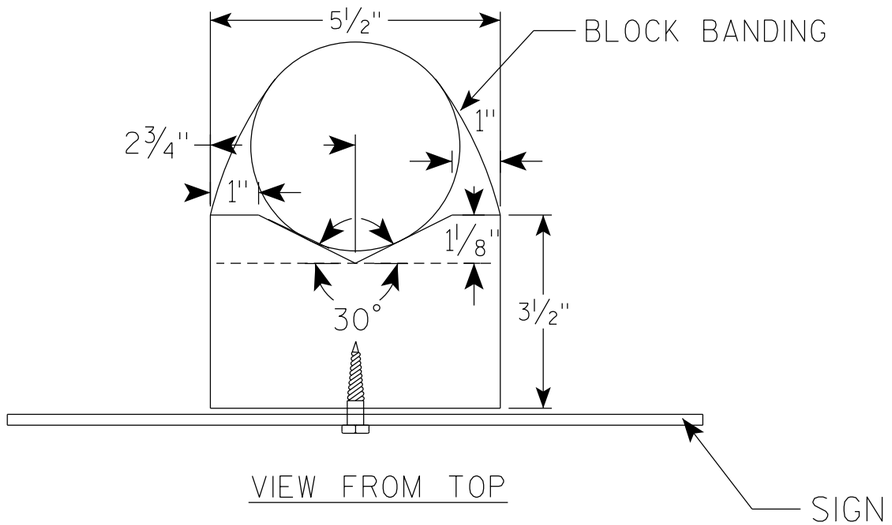
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 755	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

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GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

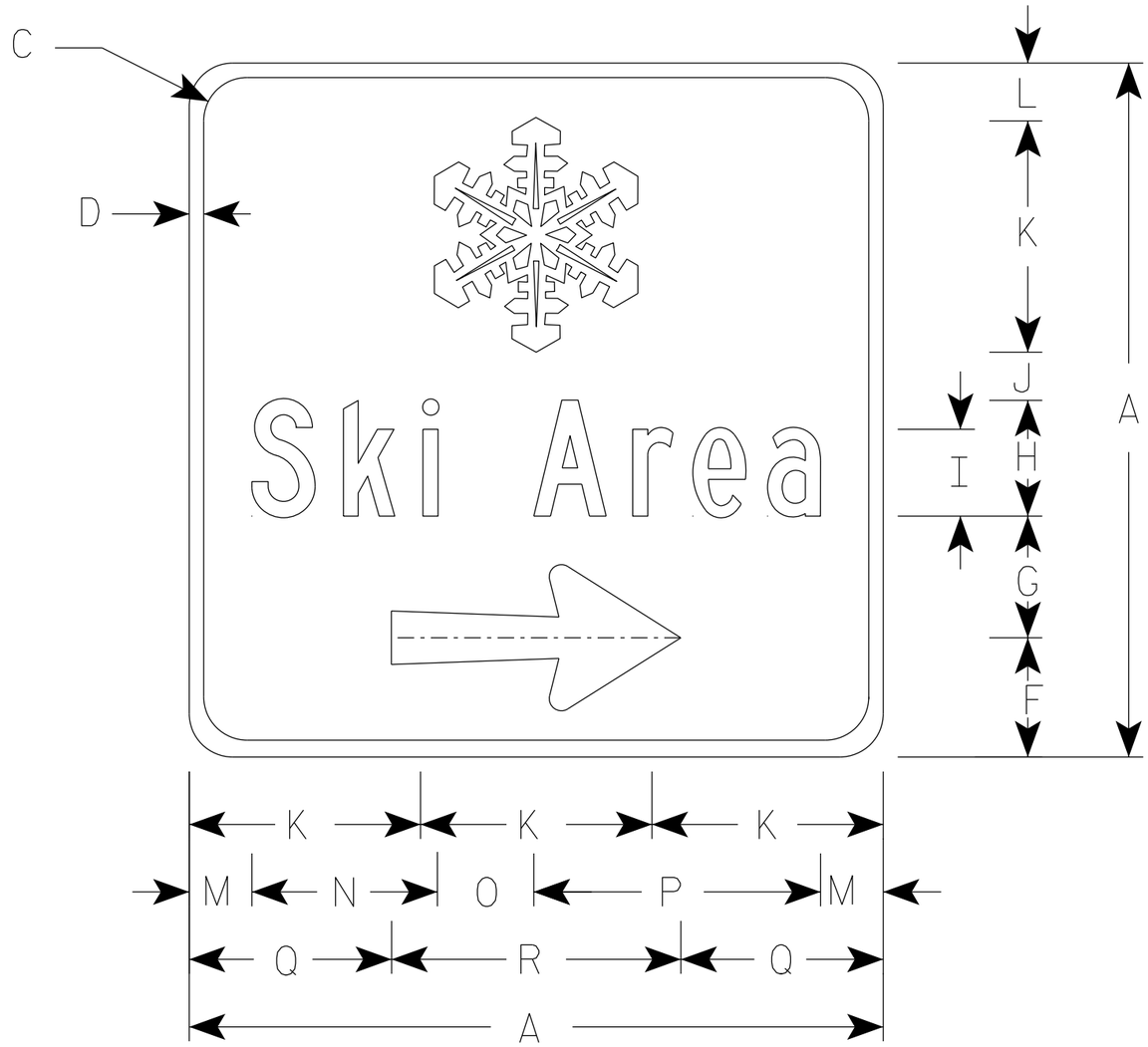
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

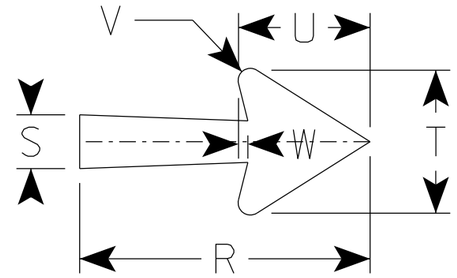
DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 756 E



D7-82R



Arrow Detail

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Brown
   Message - White
3. Message Series - C
4. D7-82L is the same as D7-82R except the arrow is reversed

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	36		2 1/4	3/4		6 1/4	6 3/8	6	4 1/2	2 1/2	12	3	3 1/4	9 5/8	5	14 7/8	10 1/2	15	2 3/4	7 3/8	6 3/4	5/8	1/2				9.0
3																											
4																											
5																											

STANDARD SIGN
D7-82

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/3/19 PLATE NO. D7-82.2

PROJECT NO:

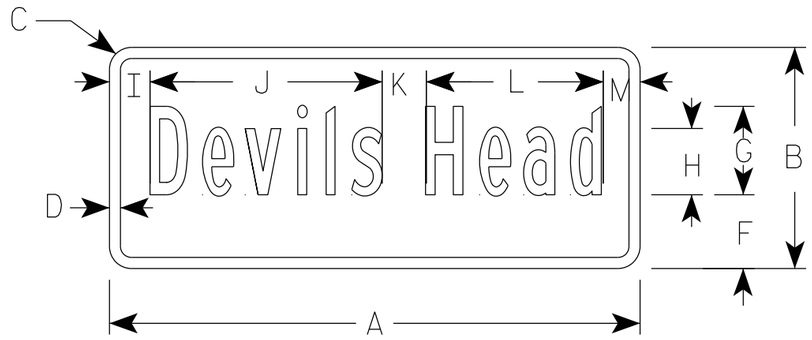
SHEET NO: 757 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\D782.DGN PLOT DATE : 3-JUL 2019 9:56 PLOT BY : mscj9h

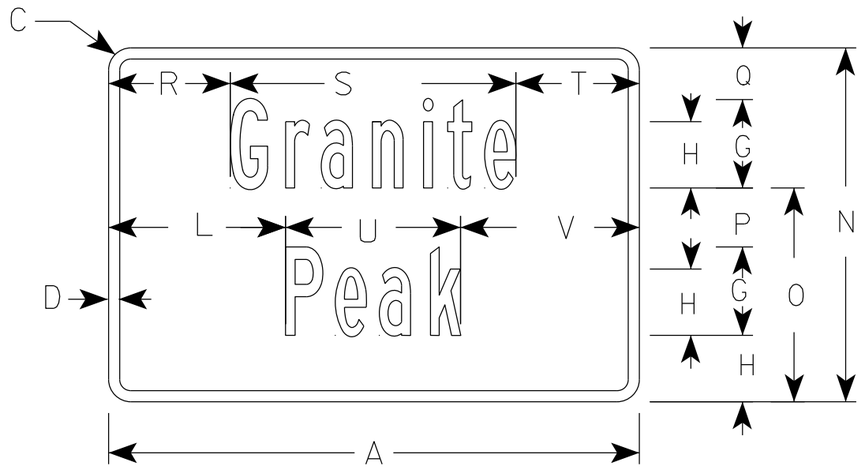
WISDOT/CADDS SHEET 42

7

7



D7-82A



D7-82B

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - BROWN
   Message - WHITE
3. Message Series - B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	D7-82A Area sq. ft.	D7-82B Area sq. ft.
1																												
2S	36	15	1 ½	¾		5	6	4 ½	2 ¾	15 ¾	3	12	2 ½	24	14 ½	4	3 ½	8 ¼	19 ⅜	8 ⅜	11 ⅞	12 ⅛					3.75	6.0
2M	36	15	1 ½	¾		5	6	4 ½	2 ¾	15 ¾	3	12	2 ½	24	14 ½	4	3 ½	8 ¼	19 ⅜	8 ⅜	11 ⅞	12 ⅛					3.75	6.0
3																												
4																												
5																												

STANDARD SIGN
D7-82A&B

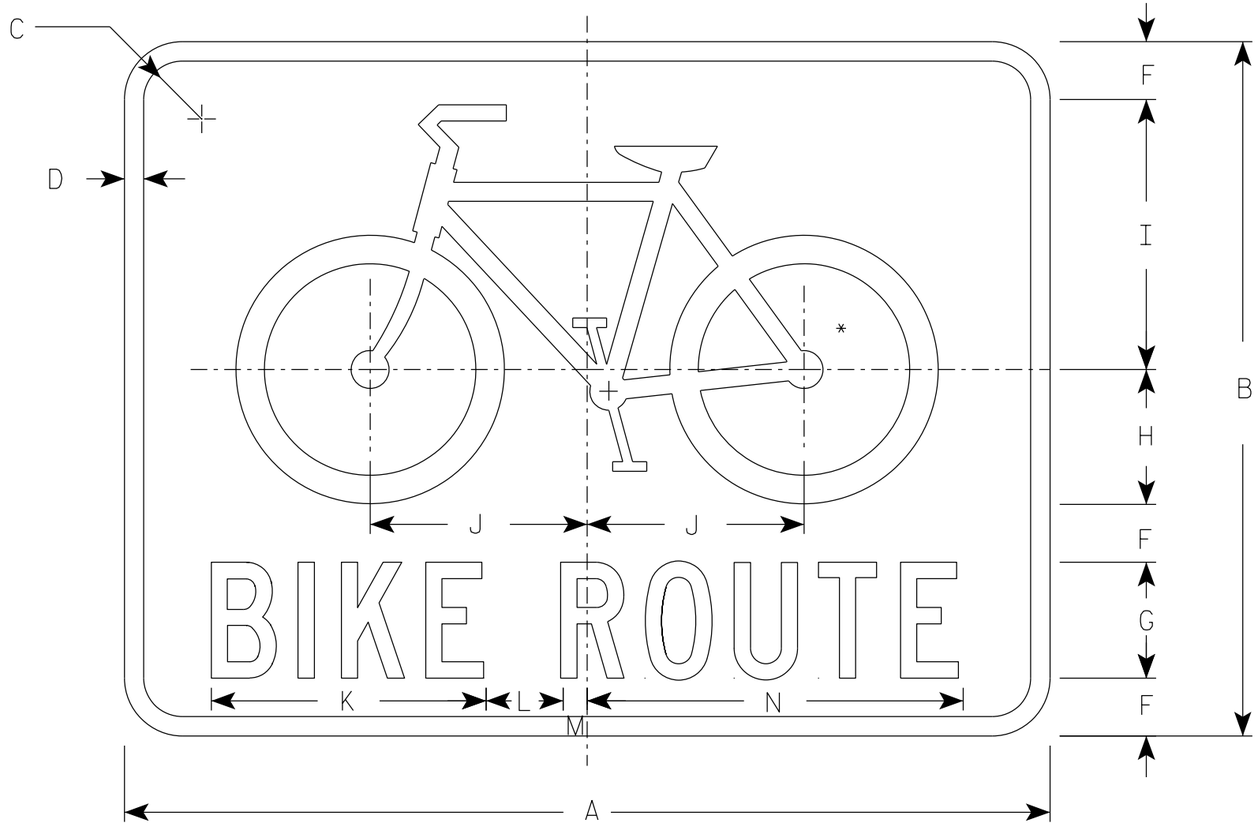
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/27/2024 PLATE NO. D7-82AB.3

PROJECT NO:

SHEET NO: 758 E



D11-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - GREEN
   Message - WHITE
3. Message Series - C

* See W11-1 for symbol design

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/2	1/2		1 1/2	3	3 1/2	7	5 5/8	7 1/8	2	5/8	9 3/4													3.0
2M	24	18	1 1/2	1/2		1 1/2	3	3 1/2	7	5 5/8	7 1/8	2	5/8	9 3/4													3.0
3	30	24	1 1/2	5/8		2	4	4 3/4	9 1/4	7 1/2	9 1/2	2 5/8	7/8	13													5.0
4																											
5																											

STANDARD SIGN
D11-1

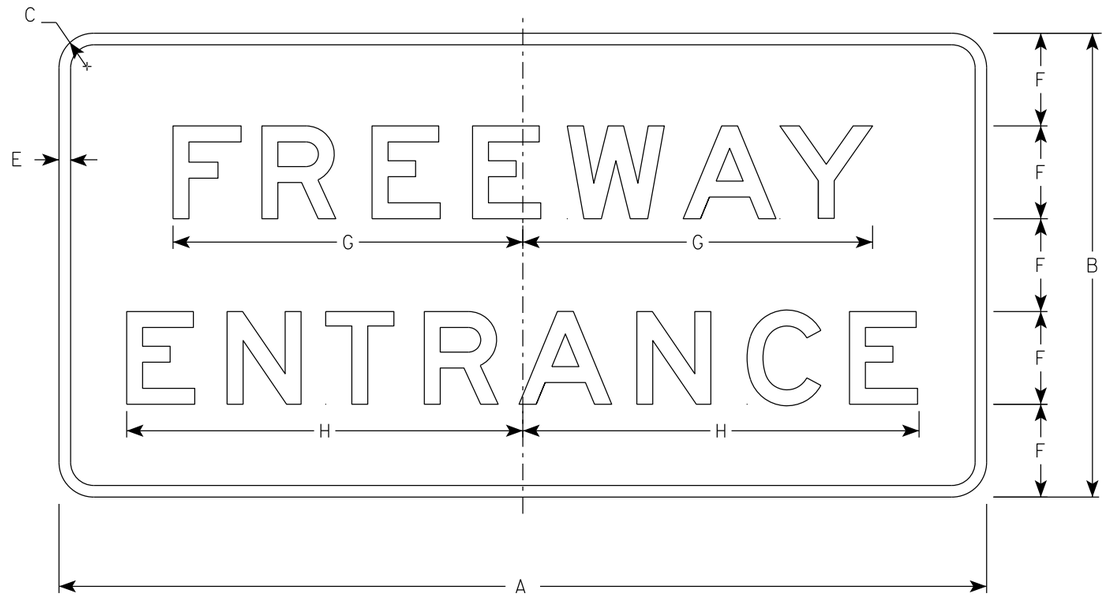
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2023 PLATE NO. D11-1.3

PROJECT NO:

SHEET NO: 759 E



D13-3

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8		3/4	6	22 5/8	25 5/8																			12.5
2M	60	30	1 7/8		3/4	6	22 5/8	25 5/8																			12.5
3																											
4																											
5																											

STANDARD SIGN
D13-3

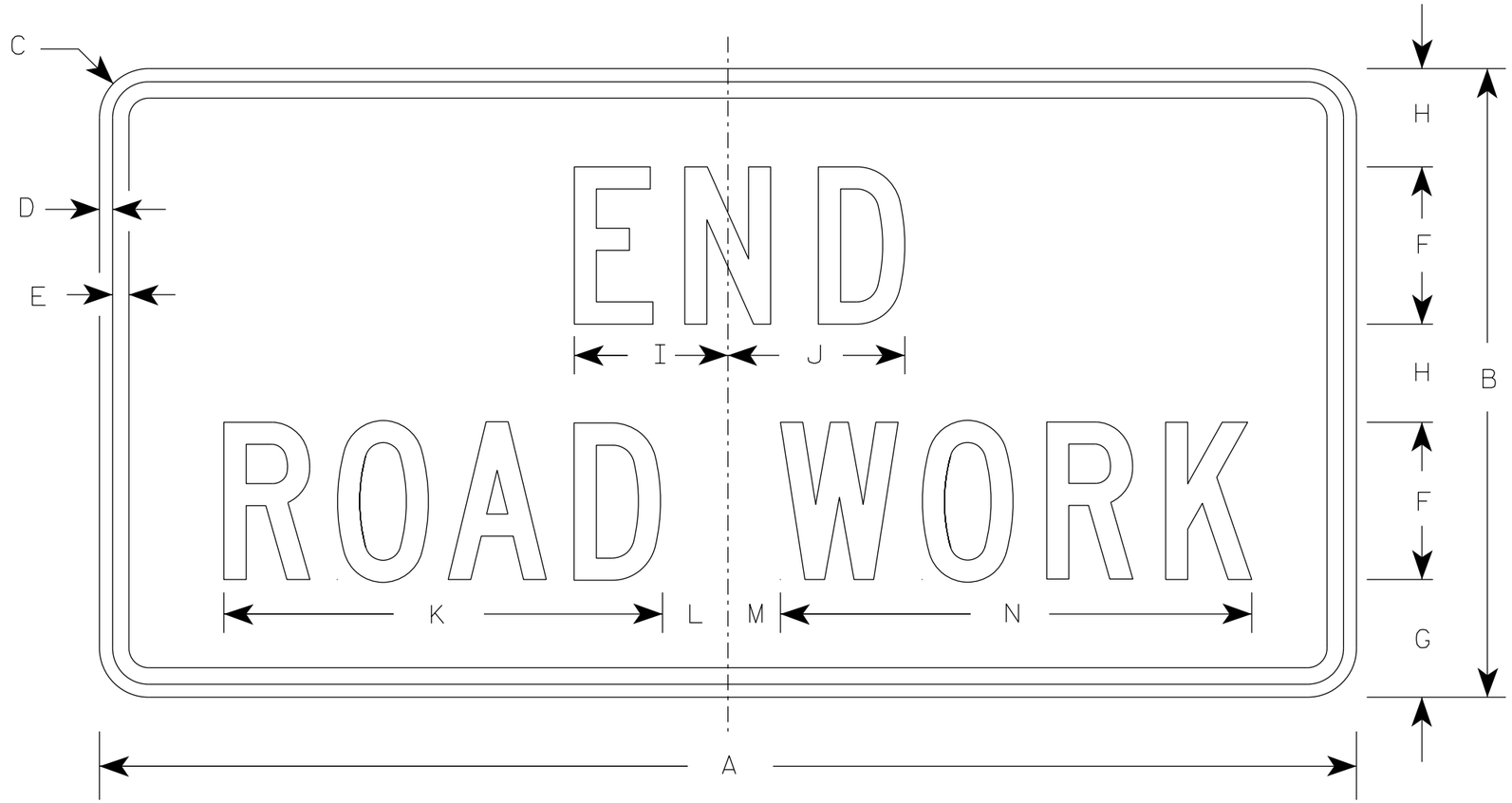
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/27/2024 PLATE NO. D13-3.3

PROJECT NO:

SHEET NO: 760 E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

G20-2A

WISCONSIN DEPT OF TRANSPORTATION

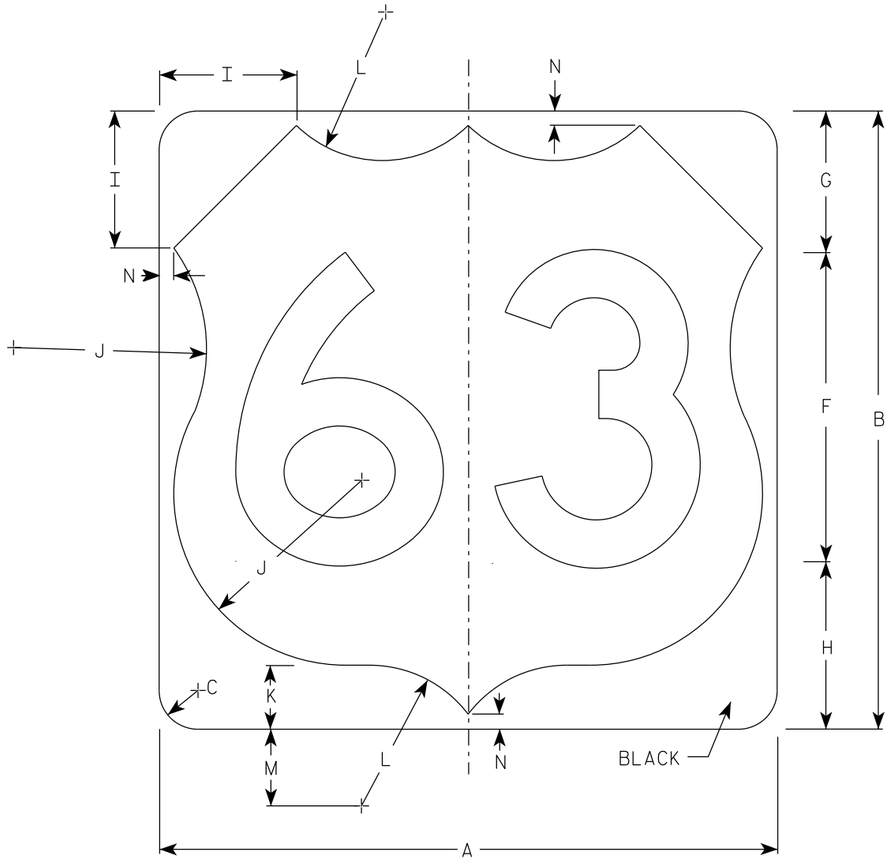
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

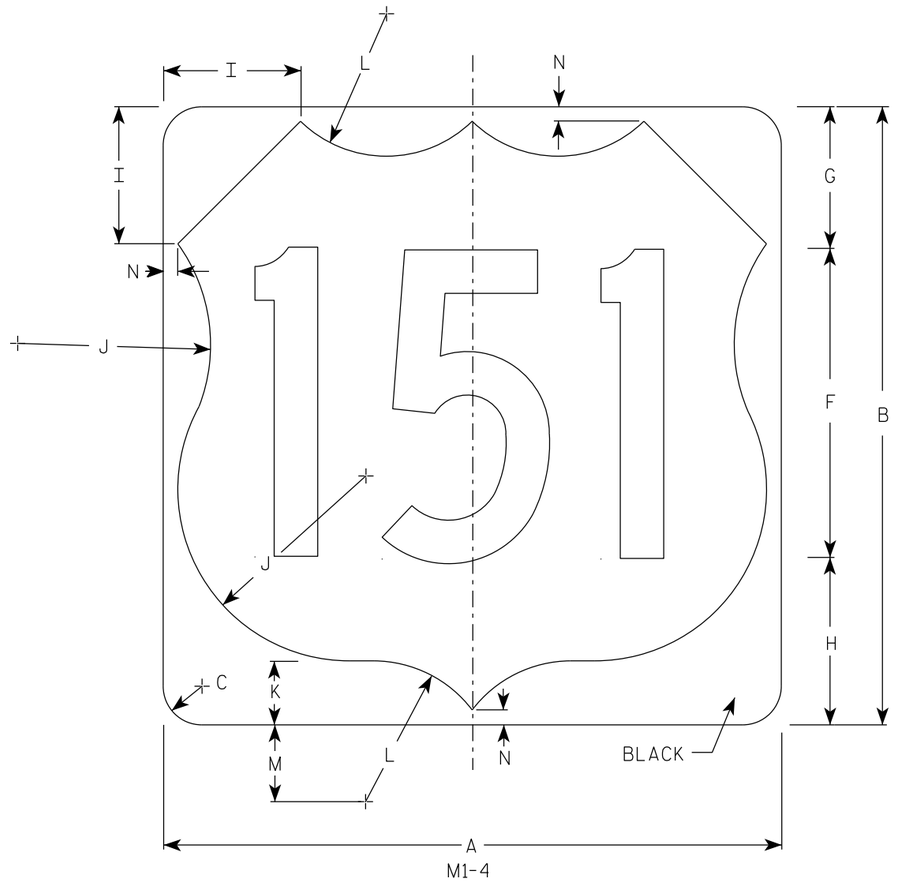
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 761 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



M1-4



M1-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0
2M	24	24	1 1/2			12	5 1/2	6 1/2	5	7 1/2	2 1/2	5 1/2	3	1/2													4.0
3	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
4	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0
5	36	36	2 1/4			18	8 1/4	9 1/4	7 1/4	11 1/4	3 3/4	8 1/4	4 1/2	3/4													9.0

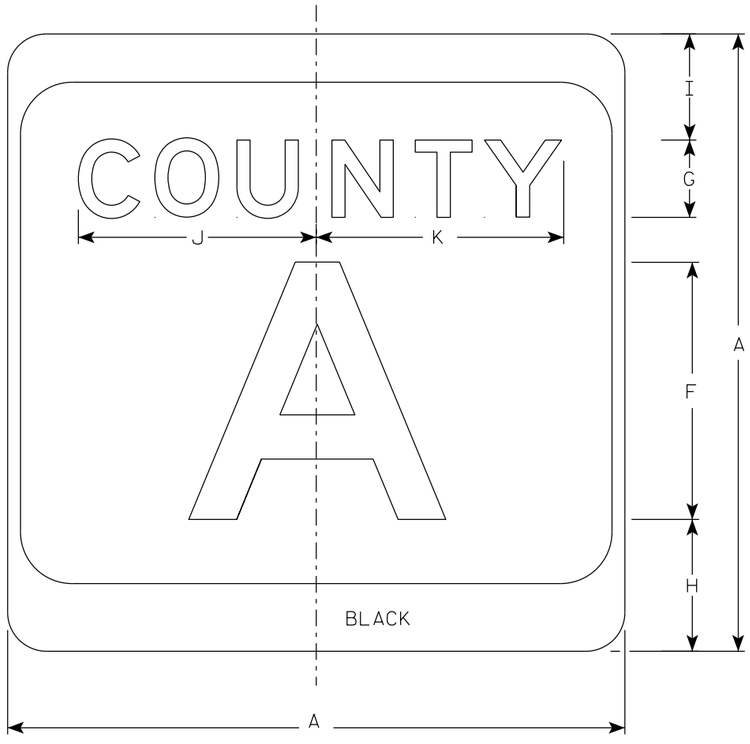
USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

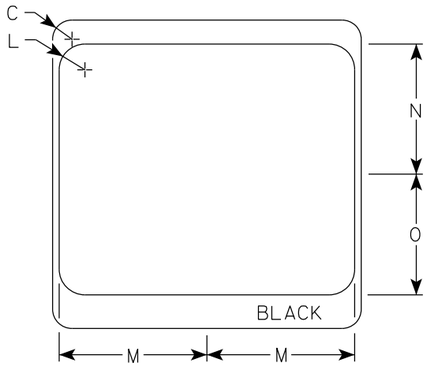
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/20/22 PLATE NO. M1-4.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 762	E

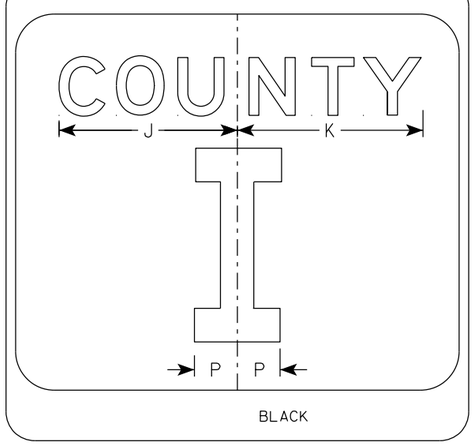


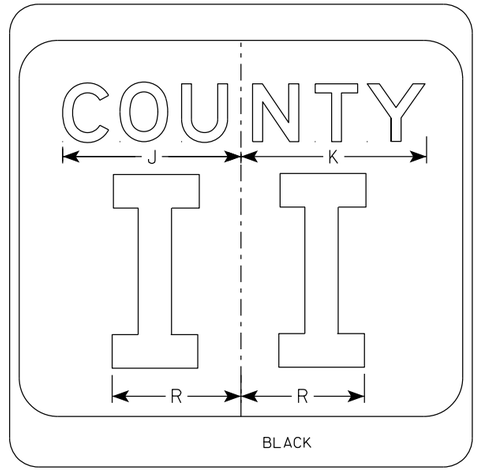
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

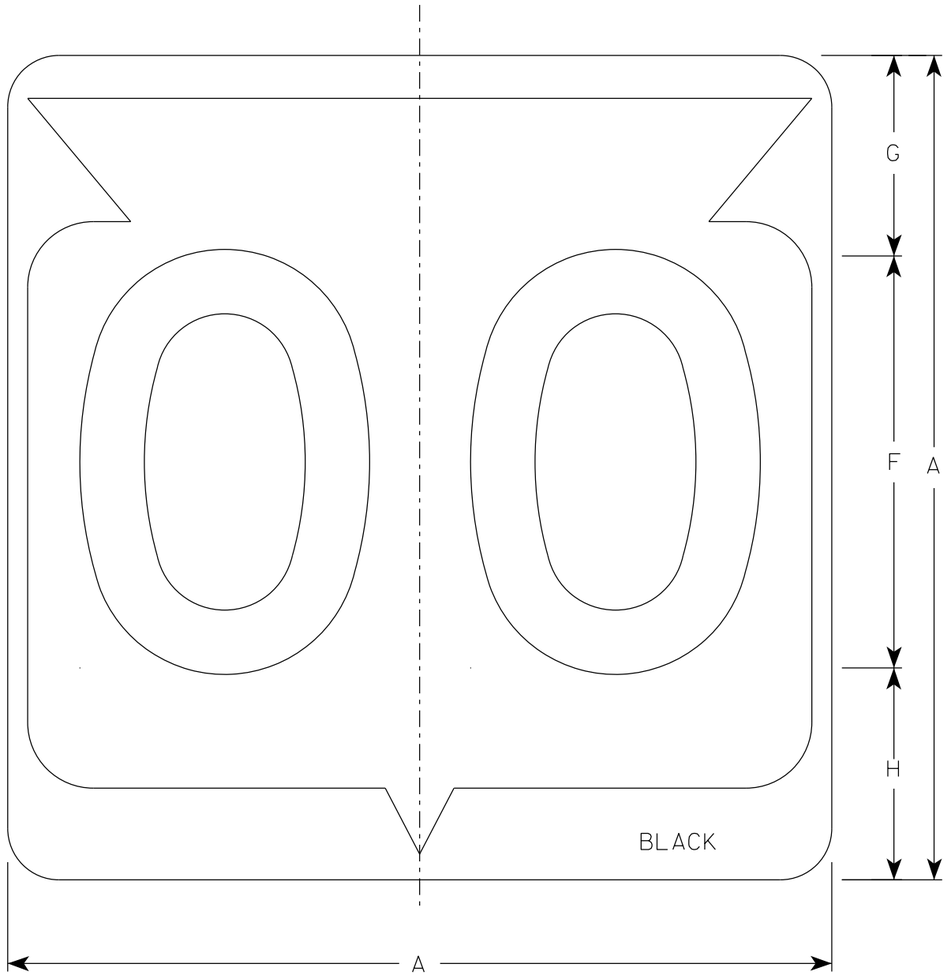
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

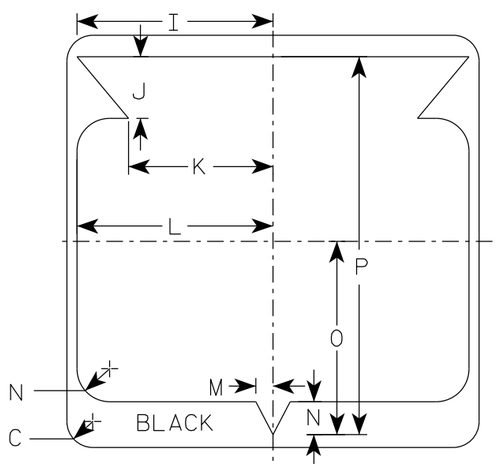
7



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
2M	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

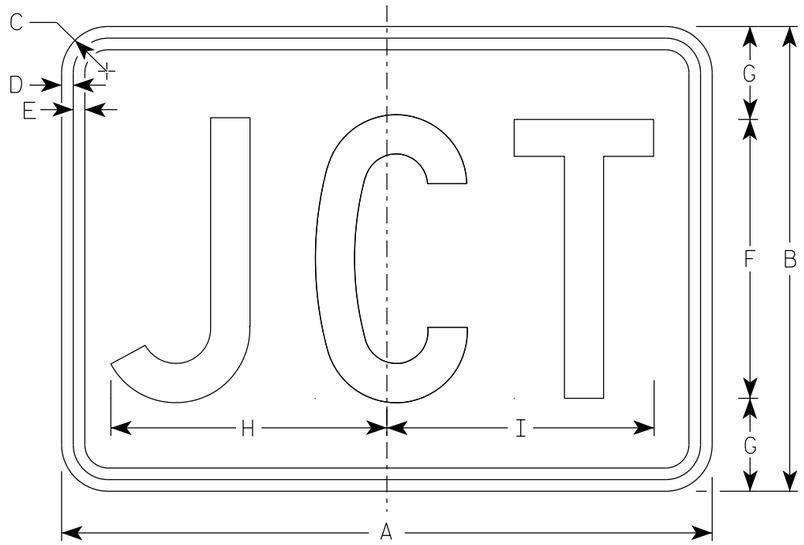
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

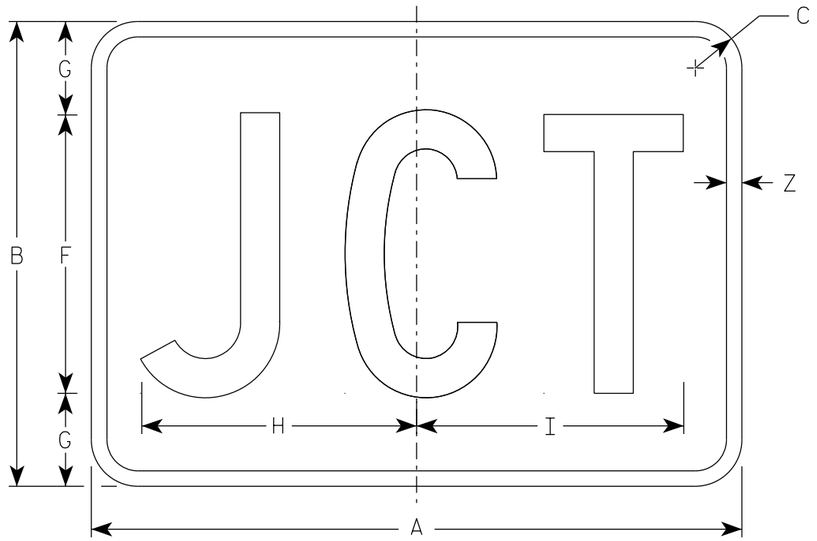
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 764	E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

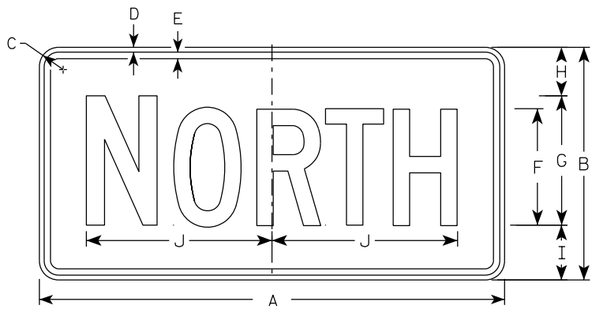
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

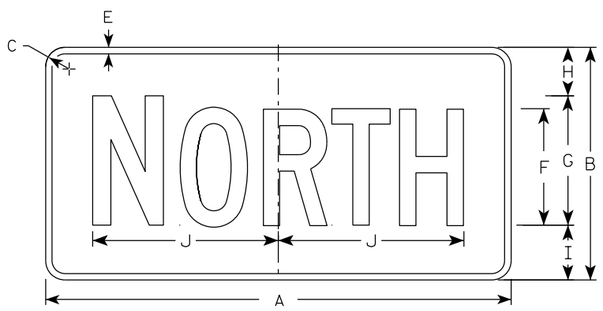
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M2-1.14

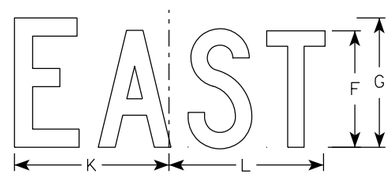
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 765 | E



M3-1
MM3-1
MP3-1



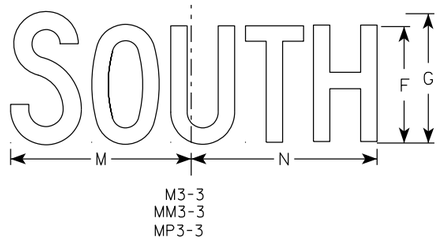
MB3-1
MK3-1
MN3-1



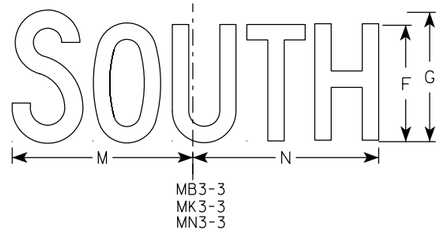
M3-2
MM3-2
MP3-2



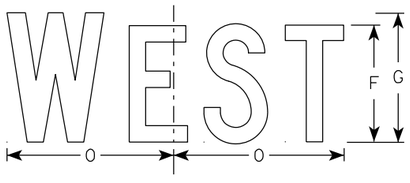
MB3-2
MK3-2
MN3-2



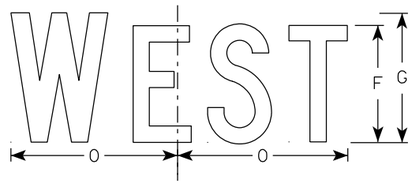
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

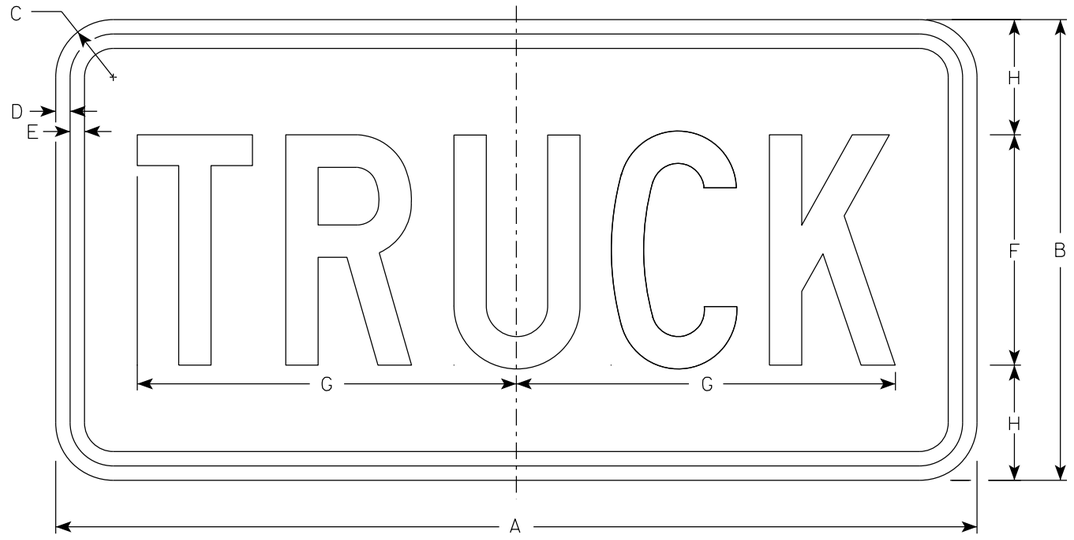
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 766 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C



M4-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
2M	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
3	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
4	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
5	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5

STANDARD SIGN

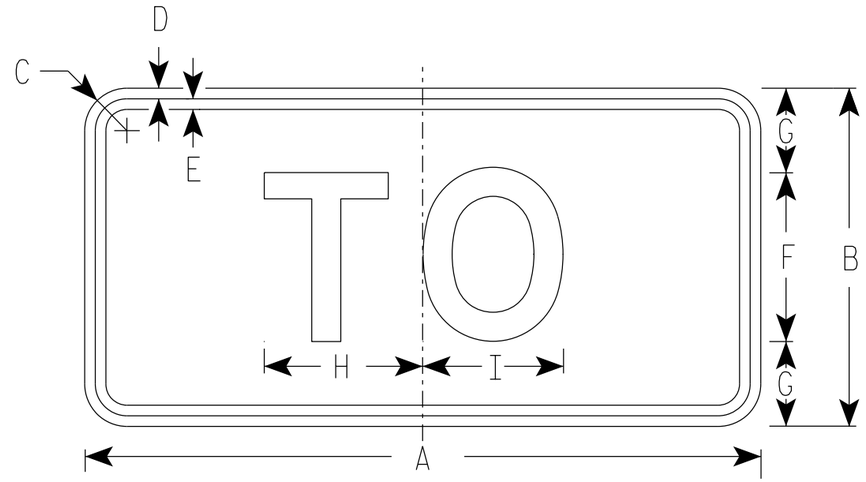
M4-4

WISCONSIN DEPT OF TRANSPORTATION

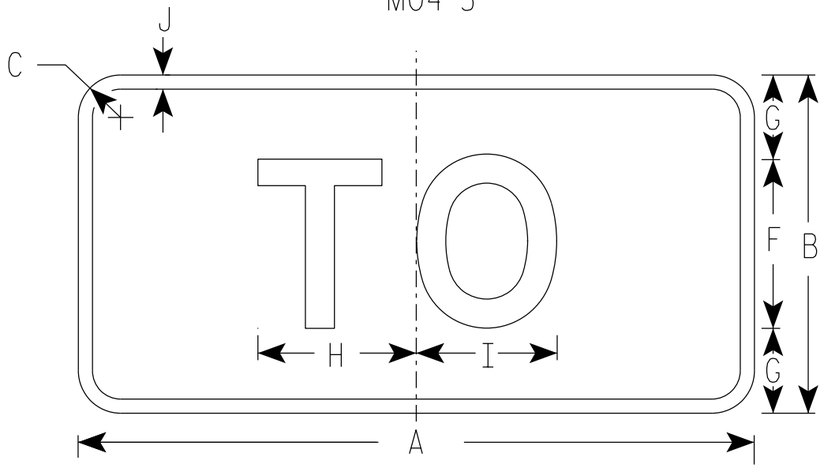
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/21/2022 PLATE NO. M4-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



M4-5
MM4-5
MP4-5
M04-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-5 Background - White
   Message - Black

   MB4-5 Background - Blue
   Message - White

   MK4-5 Background - Green
   Message - White

   MM4-5 Background - White
   Message - Green

   MN4-5 Background - Brown
   Message - White

   MP4-5 Background - White
   Message - Blue

   M04-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	⅜	⅜	6	3	5 ⅜	5 ¼	½																	2.00
2M	24	12	1 ½	⅜	⅜	6	3	5 ⅜	5 ¼	½																	2.00
3	36	18	1 ½	⅜	½	9	4 ½	8 ¼	8 ⅜	½																	4.5
4	36	18	1 ½	⅜	½	9	4 ½	8 ¼	8 ⅜	½																	4.5
5	36	18	1 ½	⅜	½	9	4 ½	8 ¼	8 ⅜	½																	4.5

STANDARD SIGN
M4-5

WISCONSIN DEPT OF TRANSPORTATION

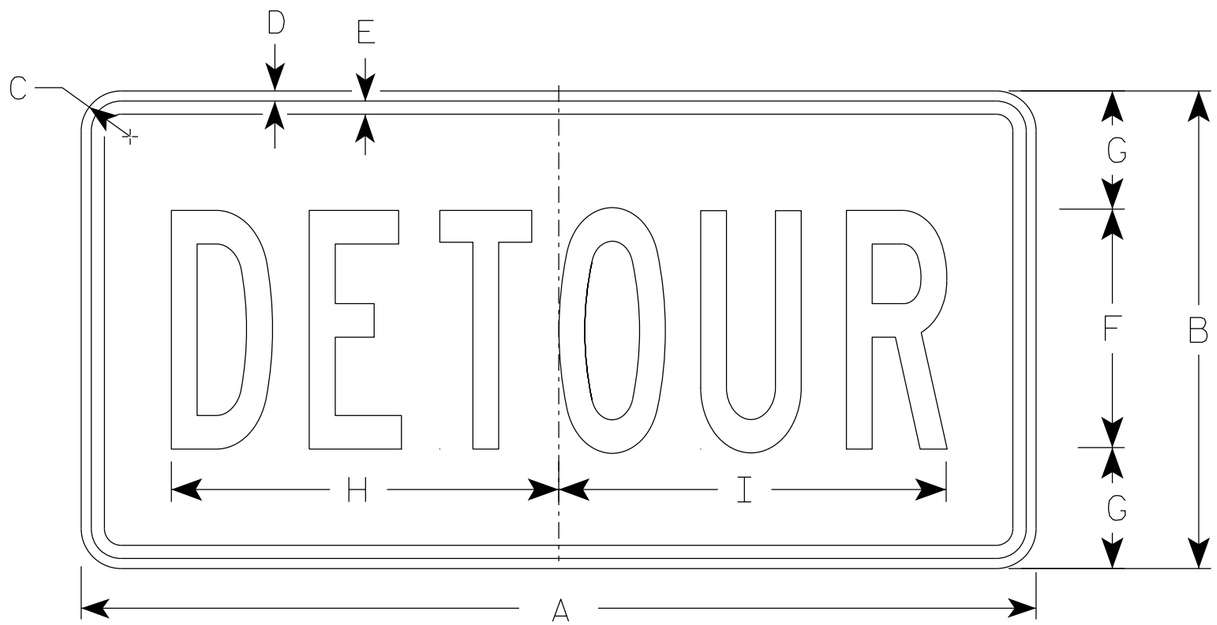
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M4-5.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 768 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M4-8

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

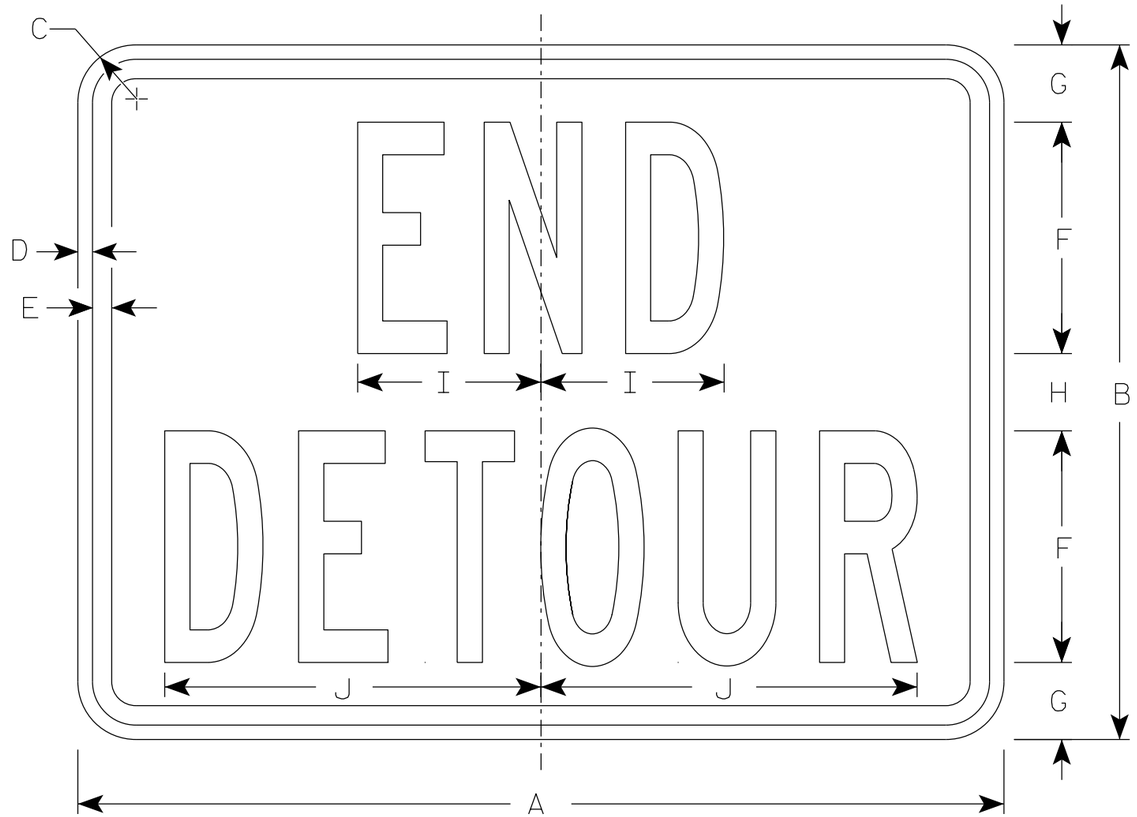
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 769	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

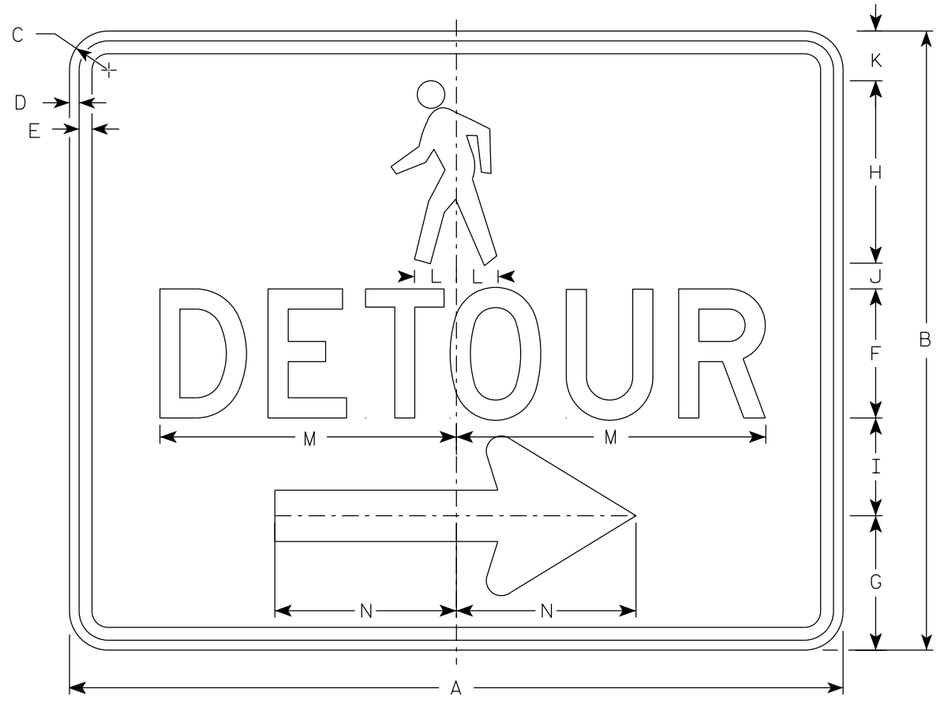
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

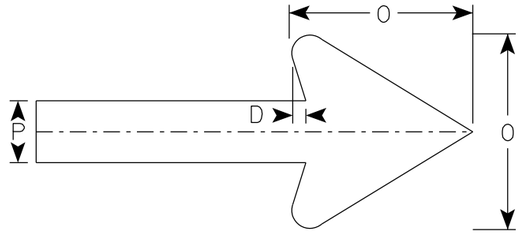
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 770 | E



M4-9BR

NOTES

1. Sign is Type II-Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-9BL is the same as M4-9BR except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
2M	30	24	1 1/2	3/8	1/2	5	5 1/4	7 1/8	3 3/4	1	1 1/8	1 5/8	11 3/4	7	6	2											5.0
3																											
4																											
5																											

STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

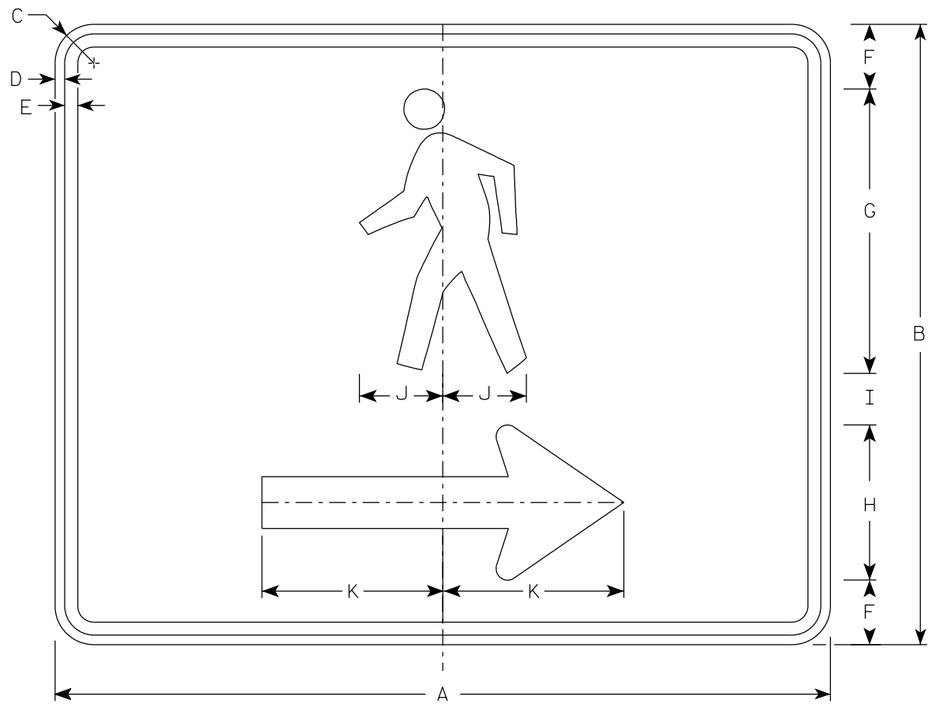
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

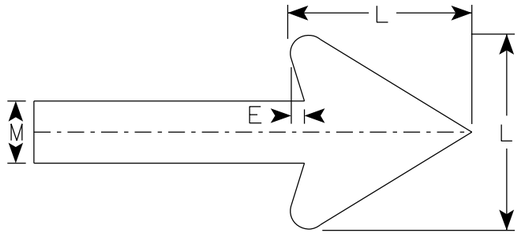
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 771 | E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

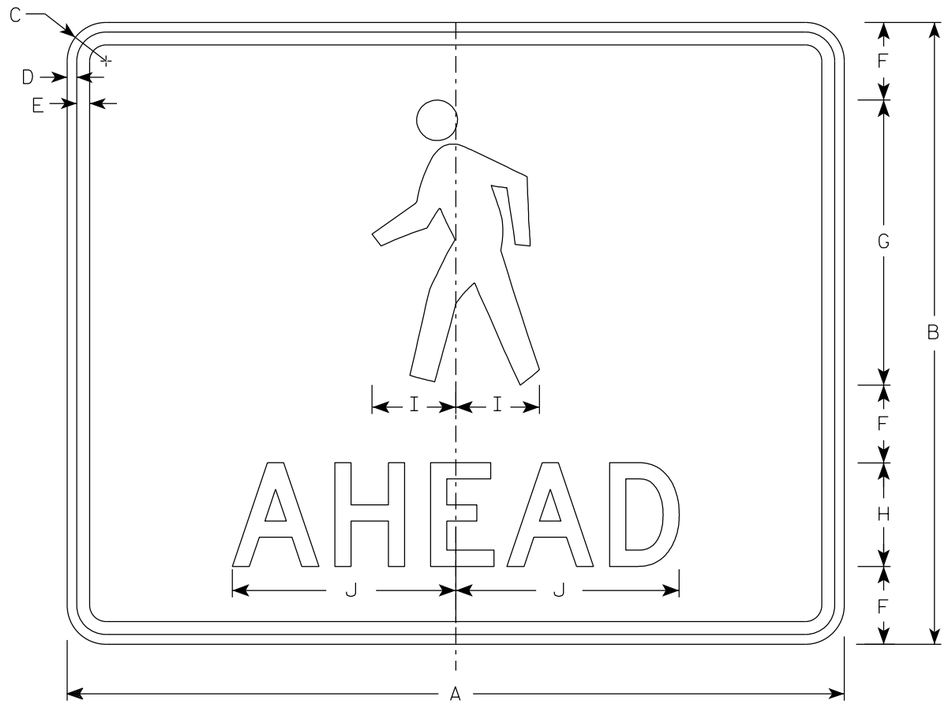
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 772 | E



M4-60A

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	3	11	4	3 3/4	8 5/8																	5.00
2M	30	24	1 1/2	3/8	1/2	3	11	4	3 3/4	8 5/8																	5.00
3																											
4																											
5																											

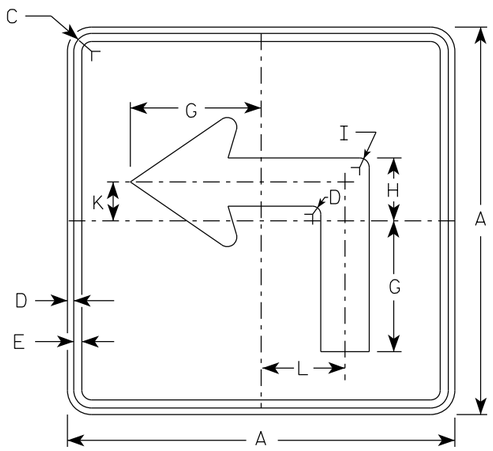
STANDARD SIGN
M4-60A

WISCONSIN DEPT OF TRANSPORTATION

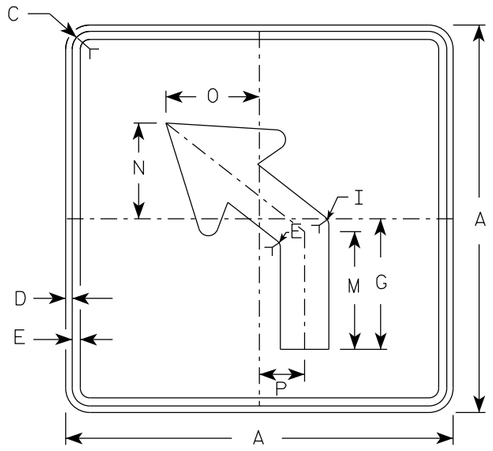
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60A.2

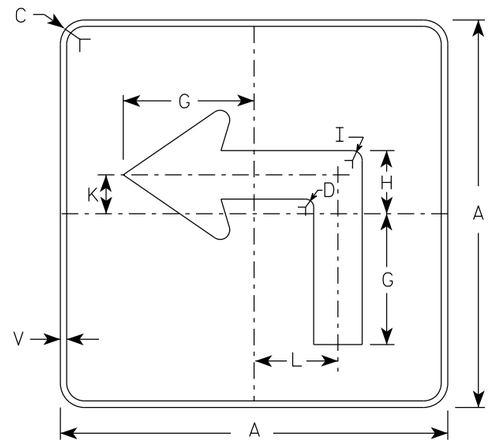
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 773 | E



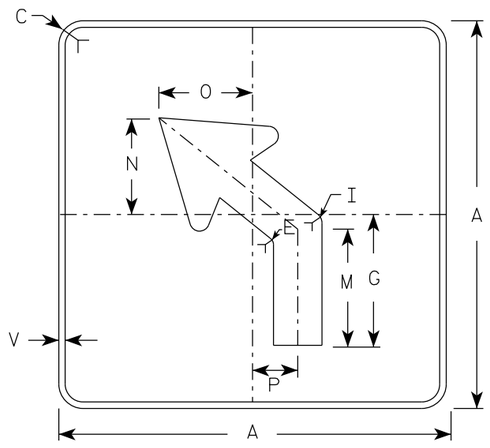
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

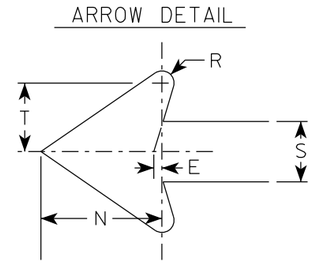


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

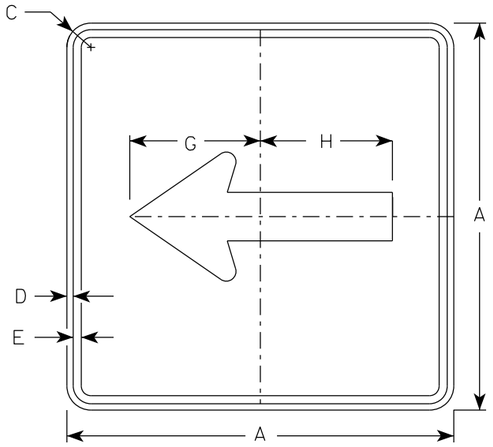
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

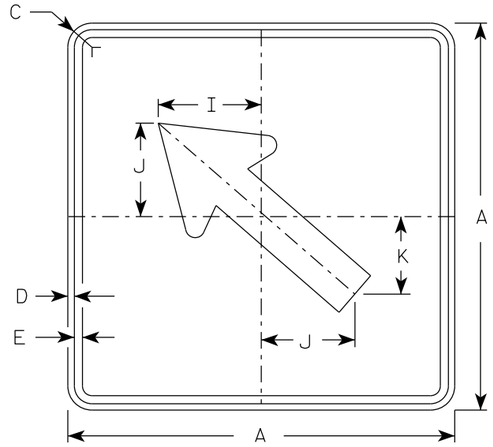
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

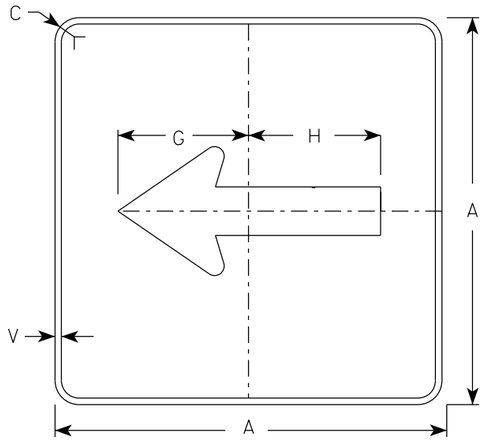
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 774 | E



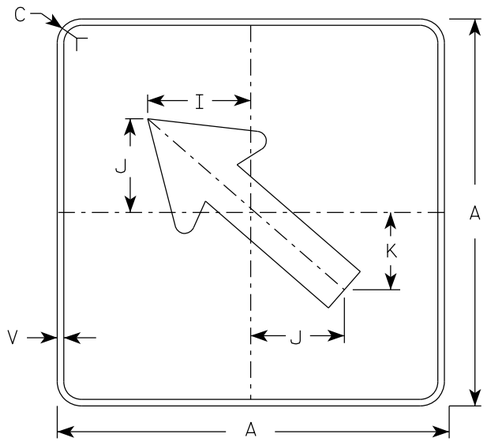
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

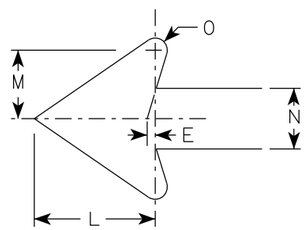


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

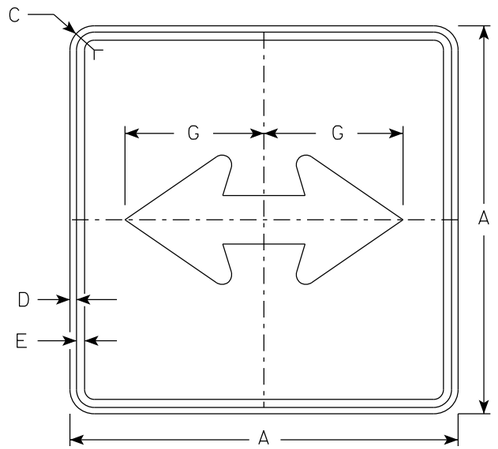
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

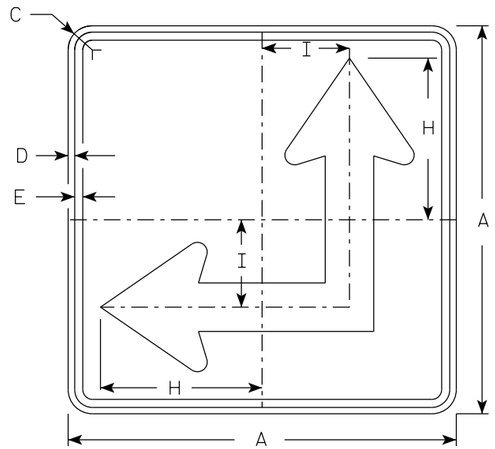
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

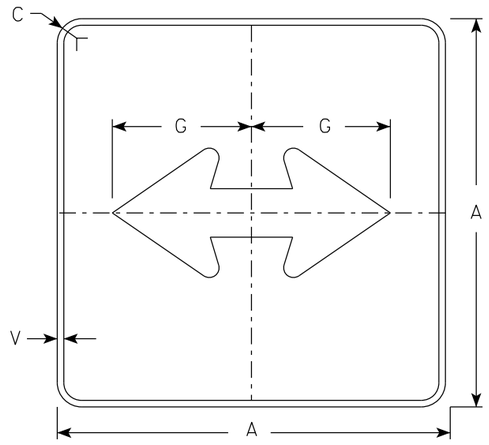
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 775 | E



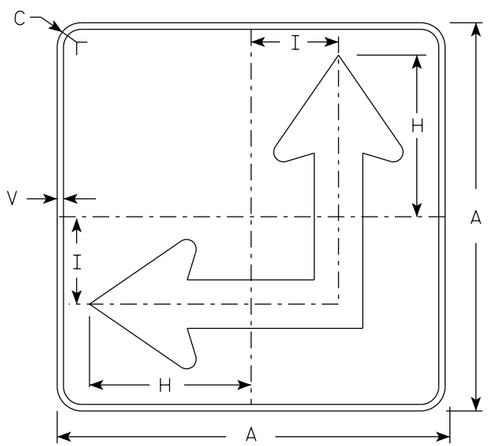
M6-4
MM6-4
MO6-4
MP6-4



M6-6
MM6-6
MO6-6
MP6-6



MB6-4
MK6-4
MN6-4
MR6-4

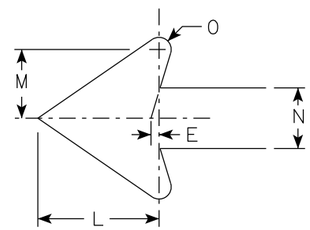


MB6-6
MK6-6
MN6-6
MR6-6

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

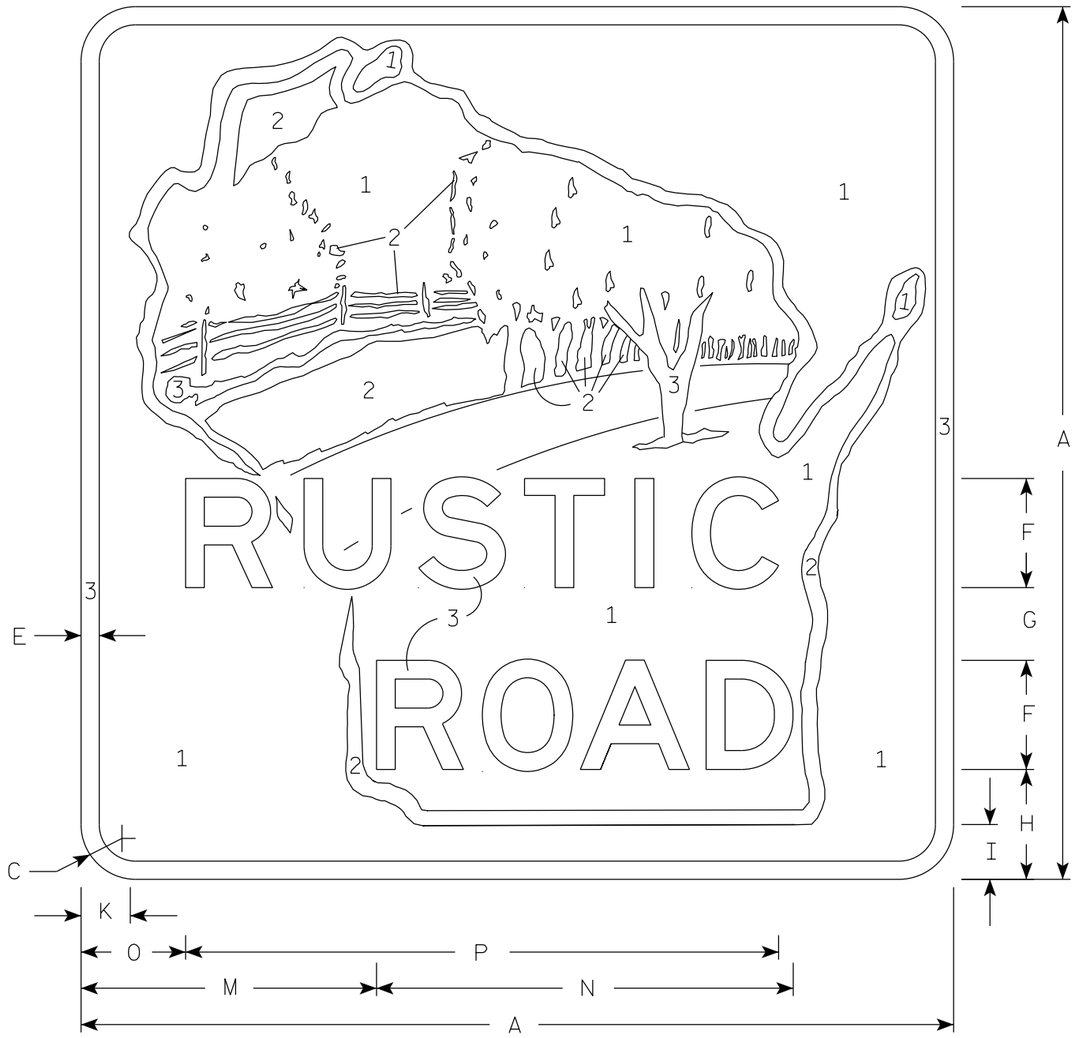
STANDARD SIGN
M6-4 & M6-6
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-4.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 776 | E



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 4
   Message - See note 4
3. Message Series - E Modified
4. The sign will be color coded by numerical designation Numeral *1 Brown
   2 White
   3 Yellow

   Exact color descriptions will be furnished upon request.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/2		1/2	3	2	3	1 1/2		1 3/8		8 1/8	11 1/4	2 7/8	16 1/4											4.0
2M	24		1 1/2		1/2	3	2	3	1 1/2		1 3/8		8 1/8	11 1/4	2 7/8	16 1/4											4.0
3	36		2 1/4		3/4	4 1/2	3	4 1/2	2 1/4		2		12 1/8	17 1/4	4 3/8	24 1/2											9.0
4	36		2 1/4		3/4	4 1/2	3	4 1/2	2 1/4		2		12 1/8	17 1/4	4 3/8	24 1/2											9.0
5	36		2 1/4		3/4	4 1/2	3	4 1/2	2 1/4		2		12 1/8	17 1/4	4 3/8	24 1/2											9.0

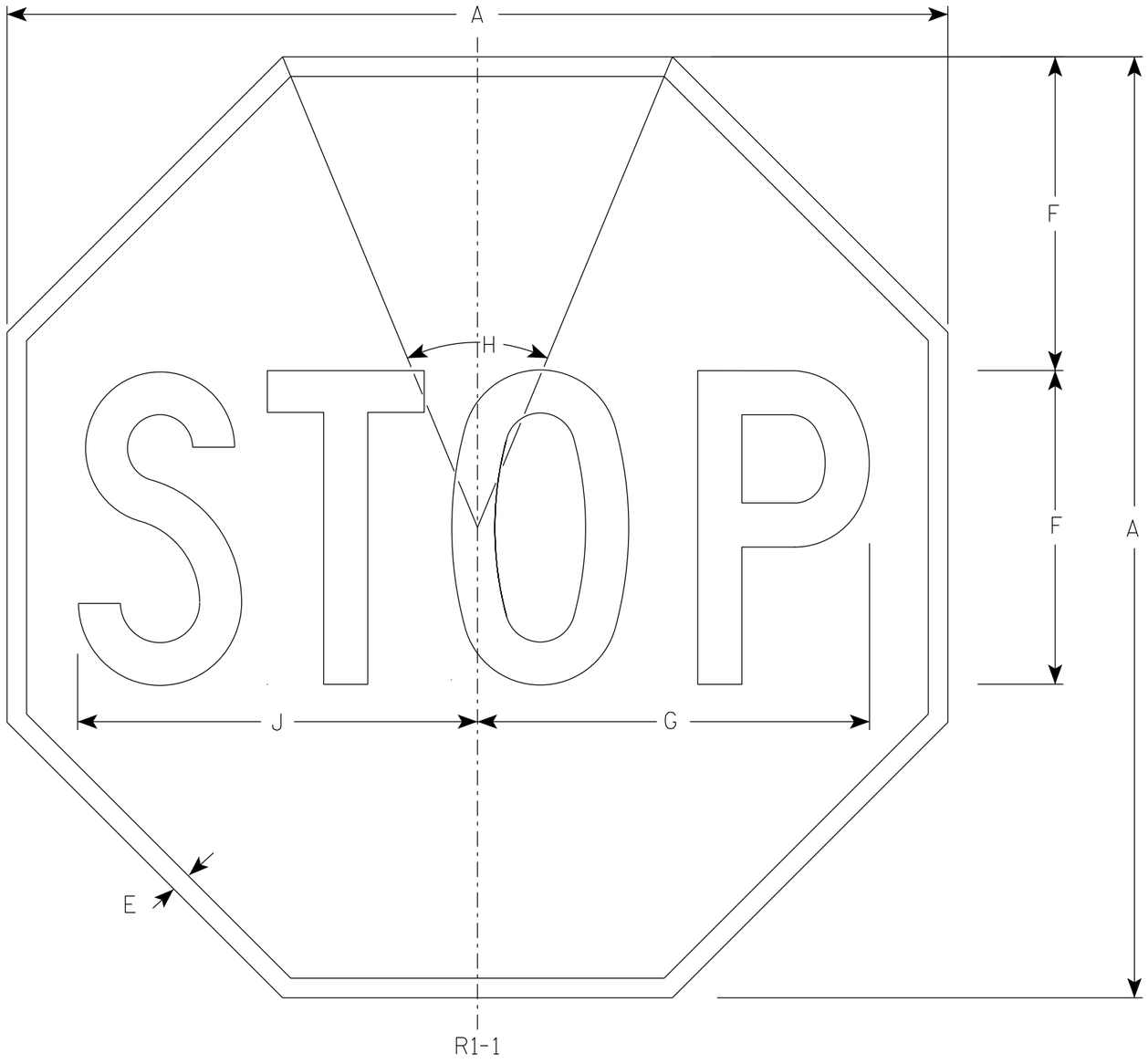
STANDARD SIGN
MR1-99

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. MR1-99.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86

STANDARD SIGN

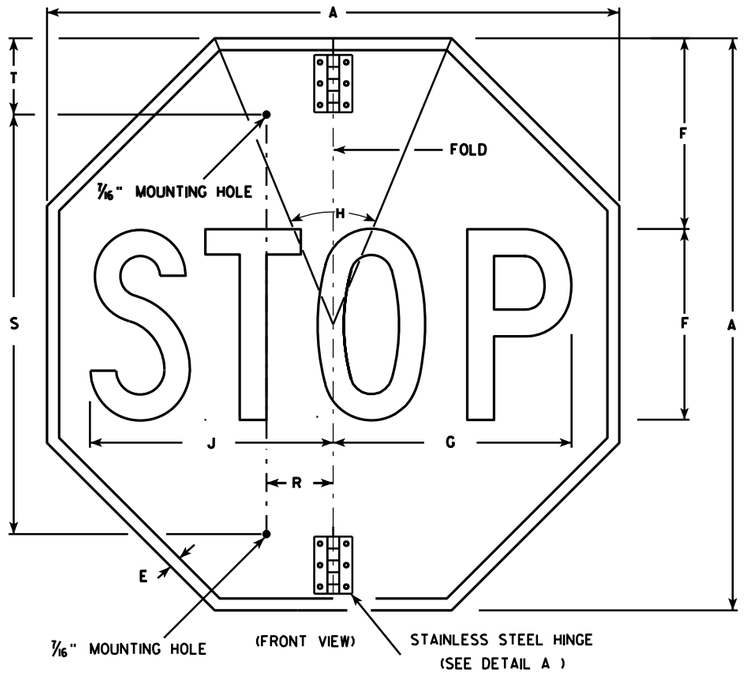
R1-1

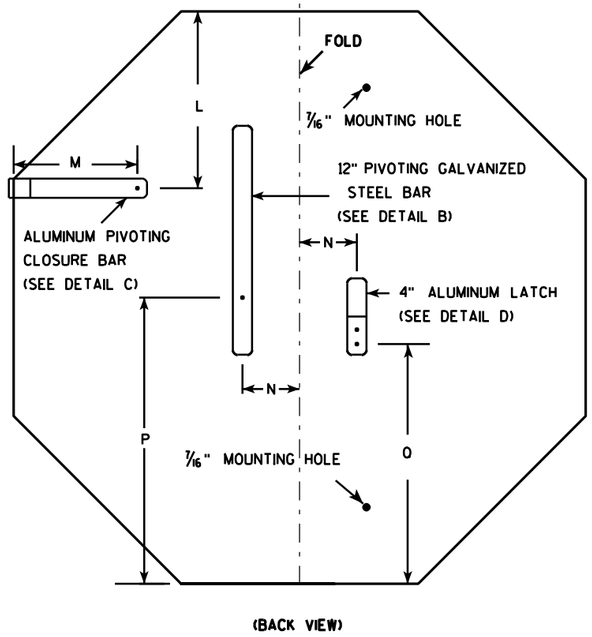
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/9/2025 PLATE NO. R1-1.14

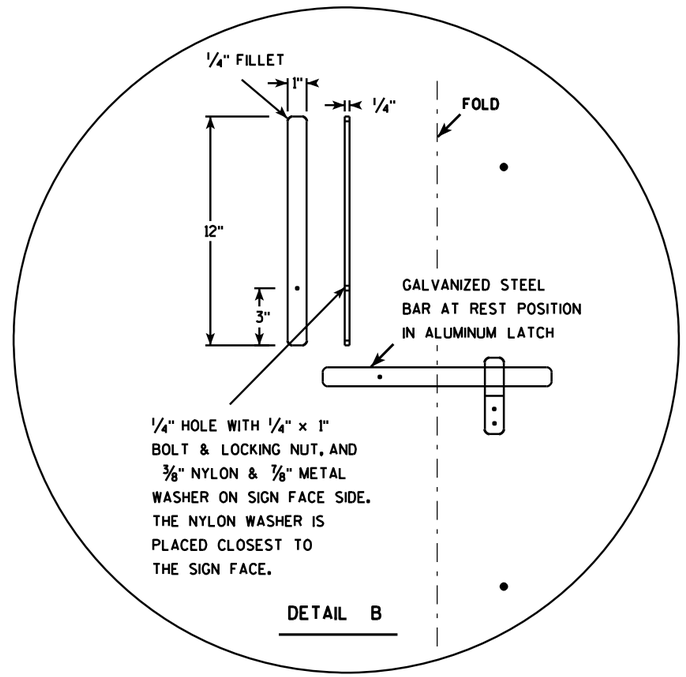
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 778 | E

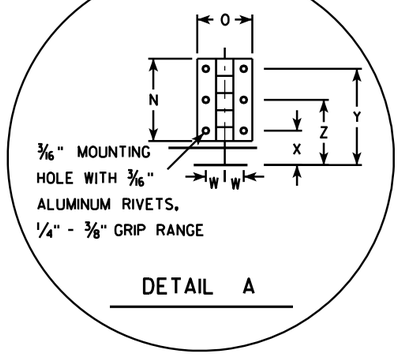


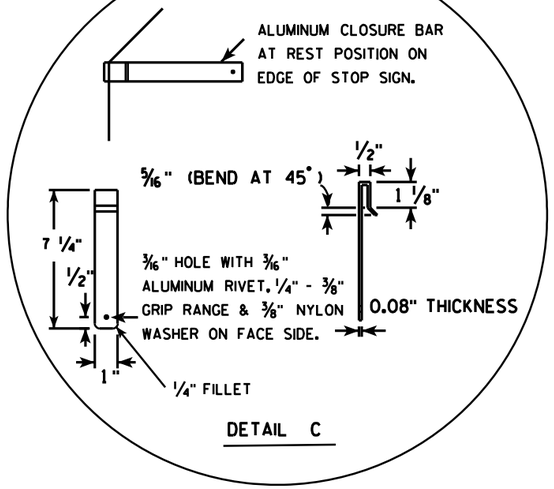


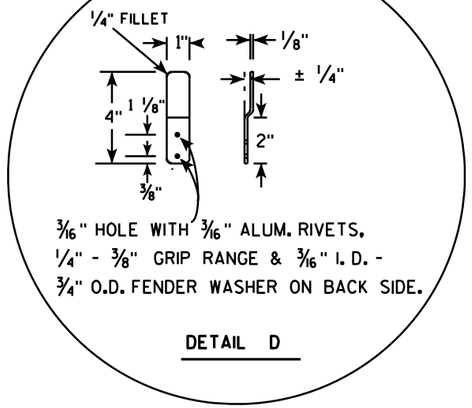
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.









SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

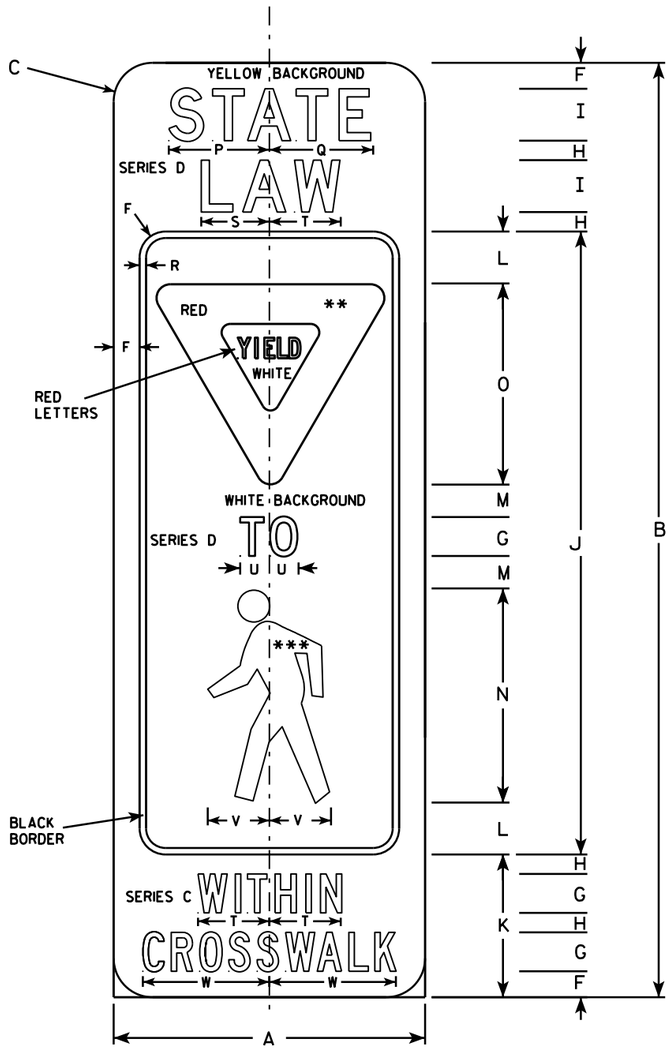
STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 779	E



R1-6

** INSERT R1-2 AND SIZE TO FIT

*** INSERT W11-2 AND SIZE TO FIT

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - YELLOW
   Message - BLACK
   YIELD SYMBOL - RED ON WHITE
   PED SYMBOL - BLACK ON WHITE
3. Message Series - AS SHOWN AND IN TABLE
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36	1 ½			1	1 ½C	¾	2 D	24	5 ½	2	1 ¼	8 ¼	7 ¾	3 ⅞	4	¼	2 ⅝	2 ¾	1 ⅛	2 ⅜	4 ⅞				3.0
2M	12	36	1 ½			1	1 ½C	¾	2 D	24	5 ½	2	1 ¼	8 ¼	7 ¾	3 ⅞	4	¼	2 ⅝	2 ¾	1 ⅛	2 ⅜	4 ⅞				3.0
3																											
4																											
5																											

STANDARD SIGN
R1-6

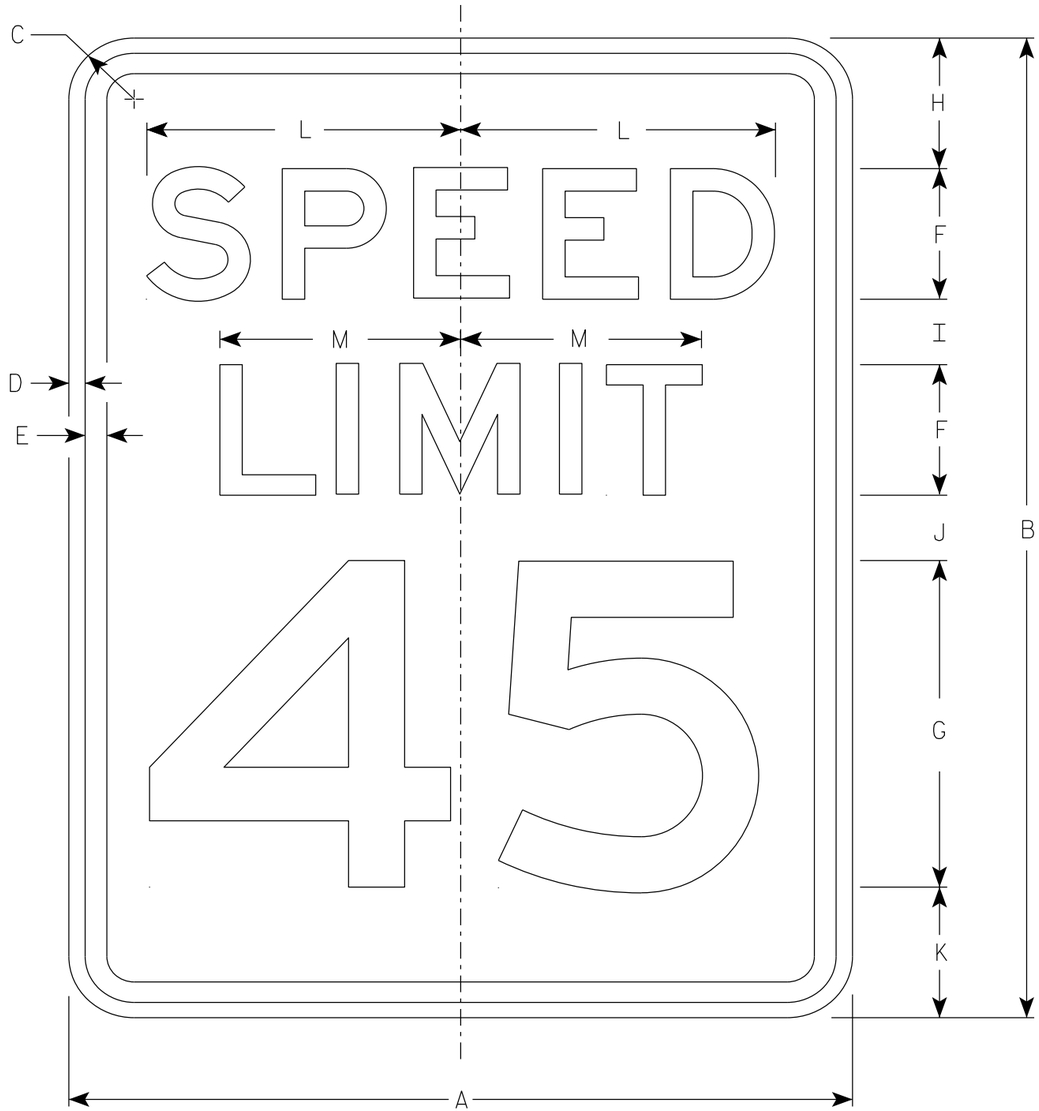
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/29/14 PLATE NO. R1-6.3

PROJECT NO:

SHEET NO: E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

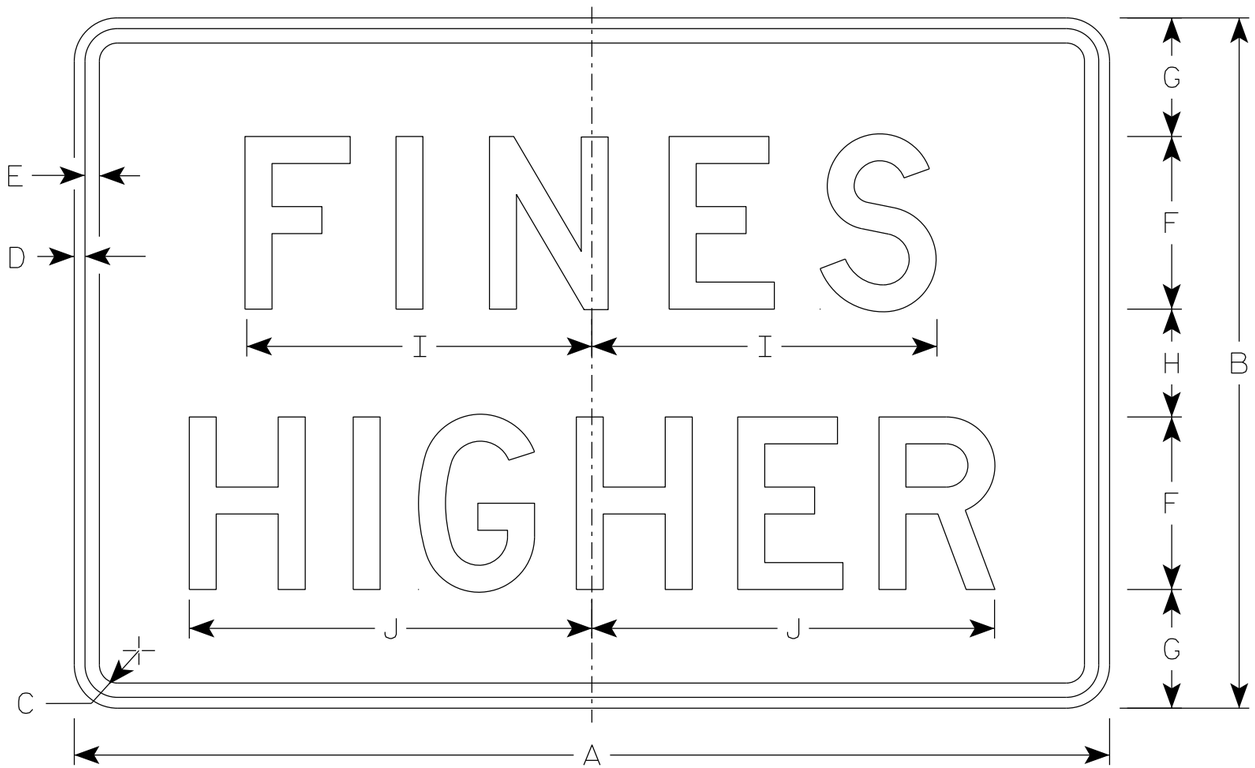
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 781 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R2-6P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 7/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

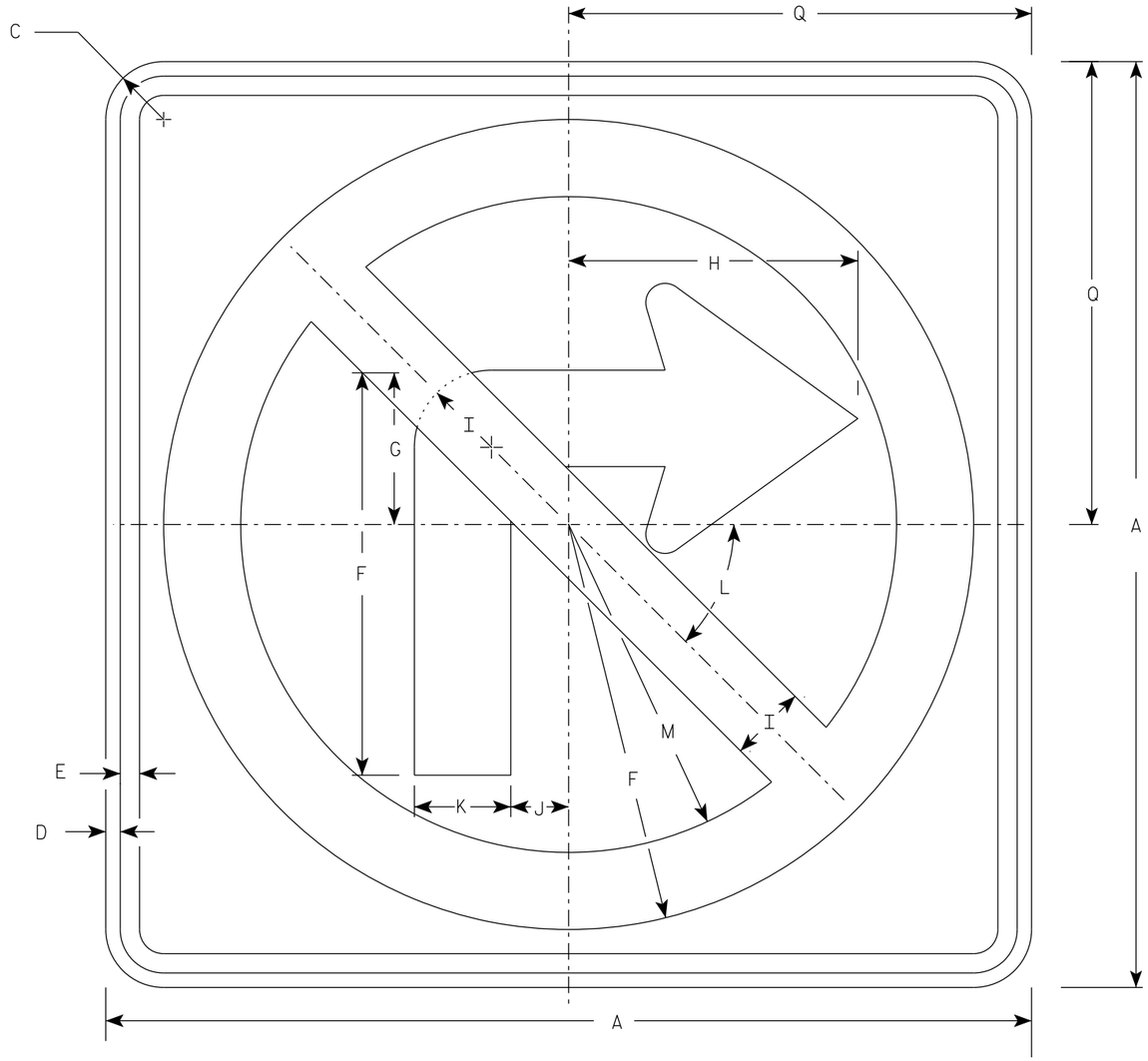
STANDARD SIGN
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-6P.3

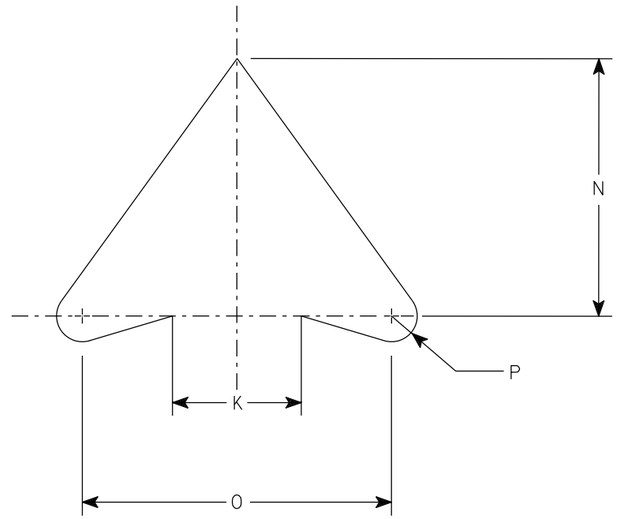
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 782	E



R3-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45	8 ½	5	6	½	12										4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½	12										4.0
2M	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45	12 ¾	7 ½	9	¾	18										9.0
3	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45	12 ¾	7 ½	9	¾	18										9.0
4	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾	18										9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1	24										16.0

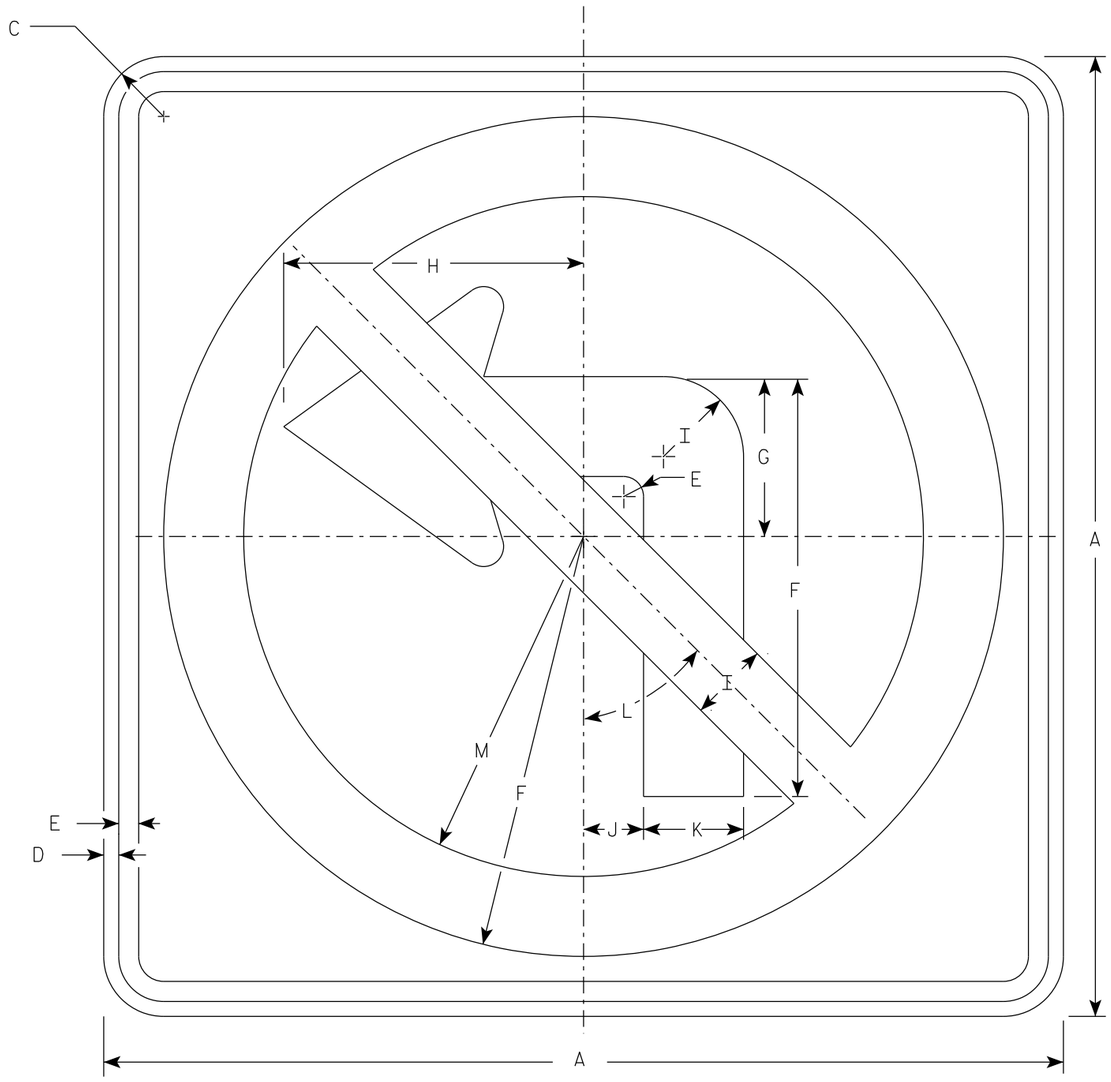
STANDARD SIGN
R3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-1.6

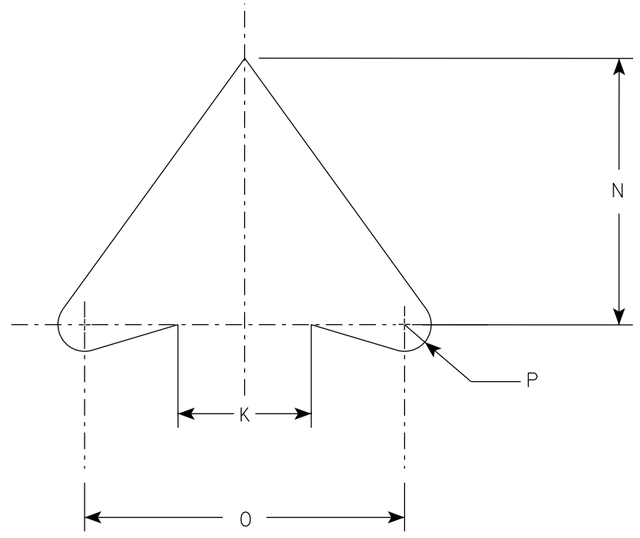
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 783 | E



R3-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - See note 3
3. Border & Arrow are non reflective black, the circle with diagonal bar is reflective red.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½											4.0
2S	24		1 ½	⅜	½	10 ½	4	7 ½	2	1 ½	2 ½	45°	8 ½	5	6	½											4.0
2M	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
3	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
4	36		2 ¼	⅝	¾	15 ¾	6	11 ¼	3	2 ¼	3 ¾	45°	12 ¾	7 ½	9	¾											9.0
5	48		2 ¼	¾	1	21	8	15	4	3	5	45°	17	10	12	1											16.0

STANDARD SIGN
R3-2

WISCONSIN DEPT OF TRANSPORTATION

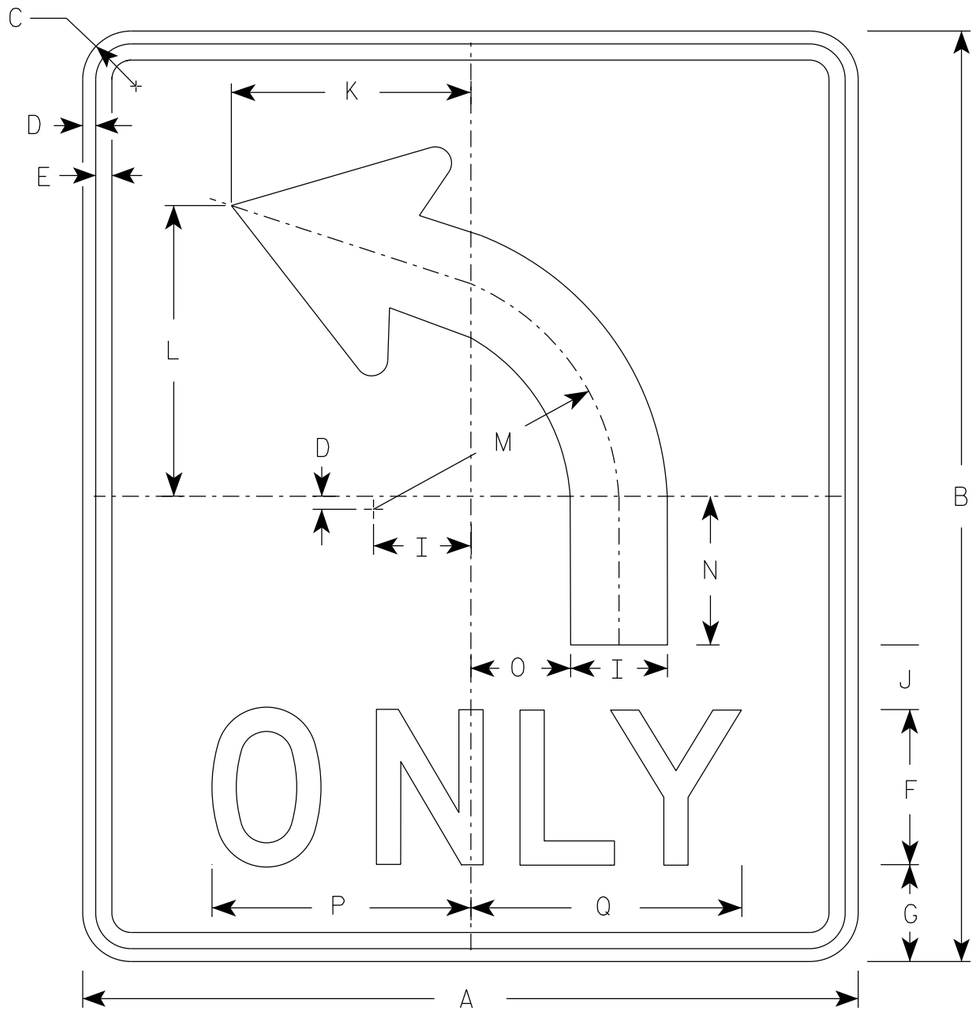
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/2/23 PLATE NO. R3-2.11

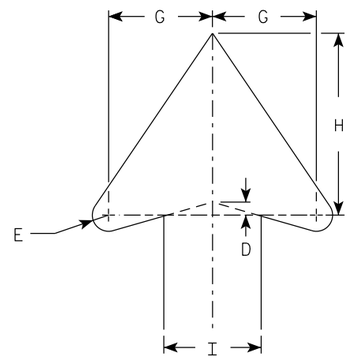
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 784 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-5R is the same as R3-5L except curved portion of arrow points right.



R3-5L



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
2M	42	48	1 7/8	1/2	5/8	8	5	9 3/8	5	3 1/8	12 3/8	15	12 5/8	7 5/8	5 1/8	13 3/8	14										14.0
3	42	48	1 7/8	1/2	5/8	8	5	9 3/8	5	3 1/8	12 3/8	15	12 5/8	7 5/8	5 1/8	13 3/8	14										14.0
4																											
5																											

STANDARD SIGN

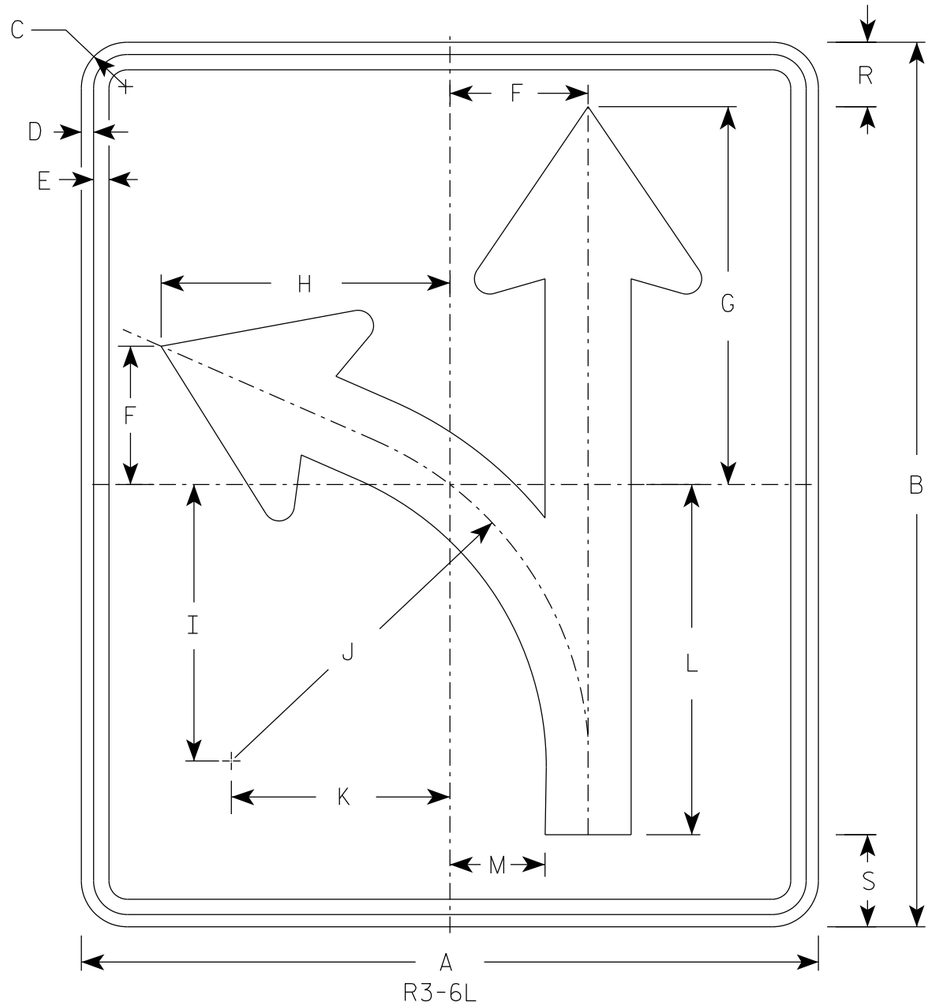
R3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/9/2025 PLATE NO. R3-5.5

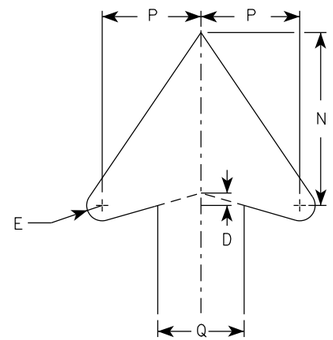
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 785	E



R3-6L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R3-6R is the same as R3-6L except curved portion of arrow points to right.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	5 5/8	15 3/8	11 1/4	5 3/8	14 1/2	8 7/8	14 1/4	3 7/8	7		4	3 1/2	2 5/8	3 3/4								7.5
2M	42	48	1 7/8	1/2	5/8	7 1/2	20 1/2	15 5/8	15	19 1/8	11 7/8	19	5 1/8	9 3/8		5 3/8	4 5/8	3 1/2	5								14.0
3	42	48	1 7/8	1/2	5/8	7 1/2	20 1/2	15 5/8	15	19 1/8	11 7/8	19	5 1/8	9 3/8		5 3/8	4 5/8	3 1/2	5								14.0
4																											
5																											

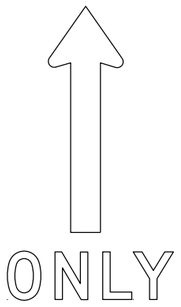
STANDARD SIGN
R3-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/9/25 PLATE NO. R3-6.2

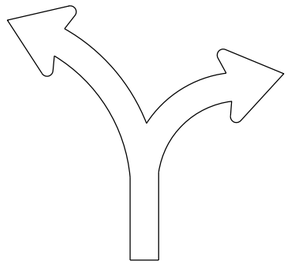
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 786	E

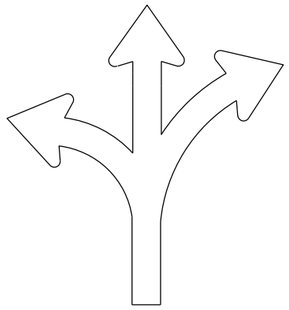


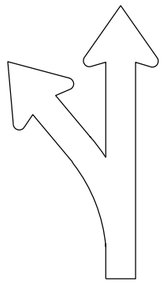
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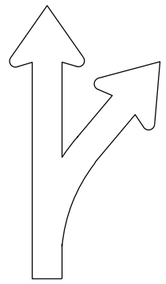


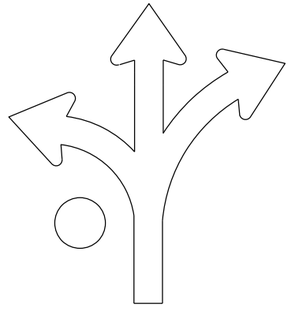
(B)

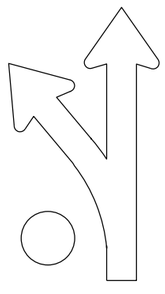

(C)

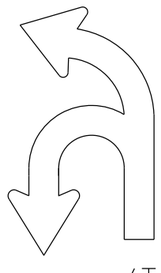

(D)

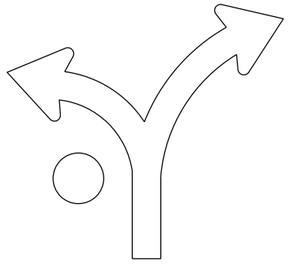

(E)

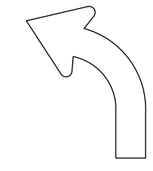

(F)


(G)

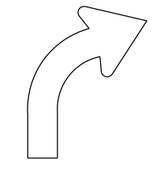

(H)


(I)


(J)



(L)



(R)

NOTES

1. Sigs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Use appropriate Letter for Sign Code
   Each letter added makes sign wider. Example R3-8EAR
5. Square footage of sign varies by letters

1	Letter =	3.75 sq ft for Size 2
		6.0 sq ft for Size 3
		10.0 sq ft for Size 4 or 5
2	Letters =	7.5 sq ft for Size 2
		12.0 sq ft for Size 3
		20.0 sq ft for Size 4 or 5
3	Letters =	11.25 sq ft for Size 2
		18.0 sq ft for Size 3
		30.0 sq ft for Size 4 or 5
4	Letters =	15.0 sq ft for Size 2
		24.0 sq ft for Size 3
		40.0 sq ft for Size 4 or 5
5	Letters =	18.75 sq ft for Size 2
		30.0 sq ft for Size 3
		50.0 sq ft for Size 4 or 5
6	Letters =	22.5 sq ft for Size 2
		36.0 sq ft for Size 3
		60.0 sq ft for Size 4 or 5

6. When letters C,D,G,J are used on the Left or Right end of the sign the Sq. Ft. changes.
   Add the amounts when these letters are used:
   1.25 sq ft for Size 2
   1.5 sq ft for Size 3
   2.0 sq ft for Size 4 or 5

STANDARD SIGN
R3-8 Series

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

SHEET NO: 787 E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:01 PLOT BY : mscj9h PLOT NAME :

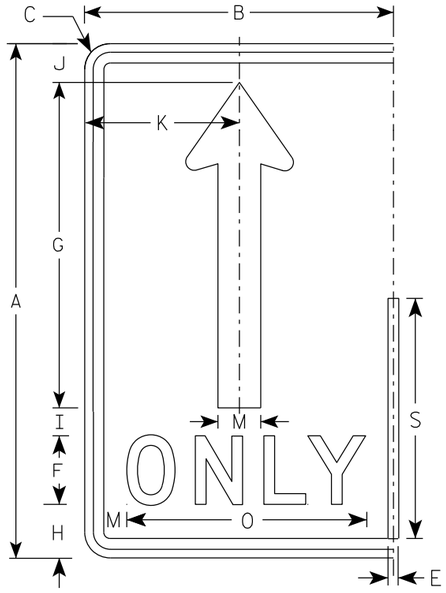
WISDOT/CADDS SHEET 42

7

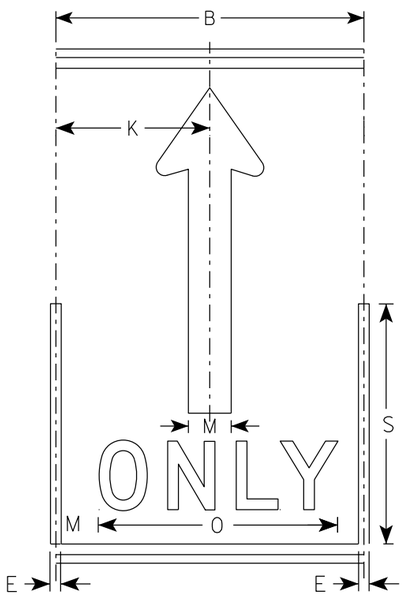
7

NOTES

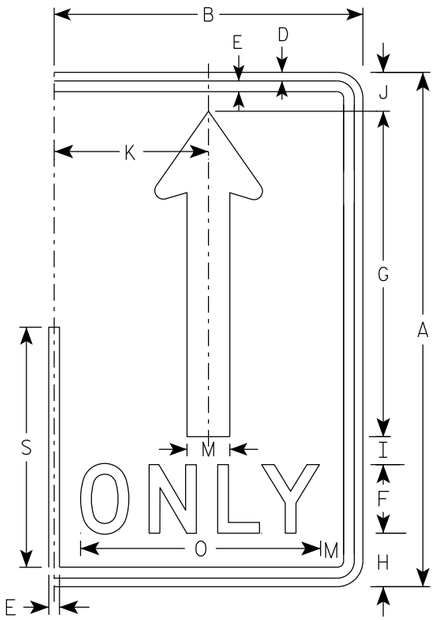
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



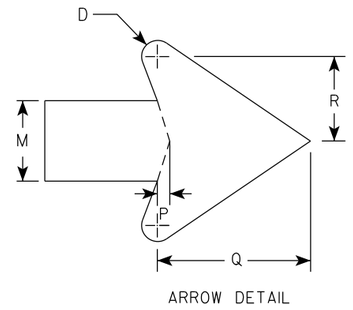
(A)



(A)



(A)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8	4	19	3 1/8	1 5/8	2 1/4	9		2 1/2		14	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8	5	22 3/4	3 3/4	1 3/4	2 3/4	12		3		17 5/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1	6	30 3/8	5 1/8	2 7/8	3 5/8	15		4		21 3/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (A) Arrow

WISCONSIN DEPT OF TRANSPORTATION

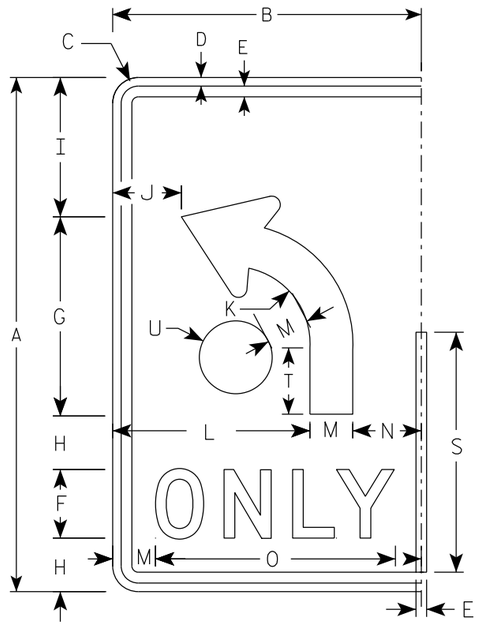
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

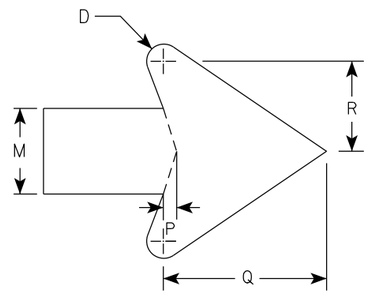
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 788 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
   Message Series - D



(B)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
2M	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8	2 1/8						3.75
3	36	24	1 1/2	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8	2 1/2						6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4	3 3/8						10.0

STANDARD SIGN

R3-8 (B) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

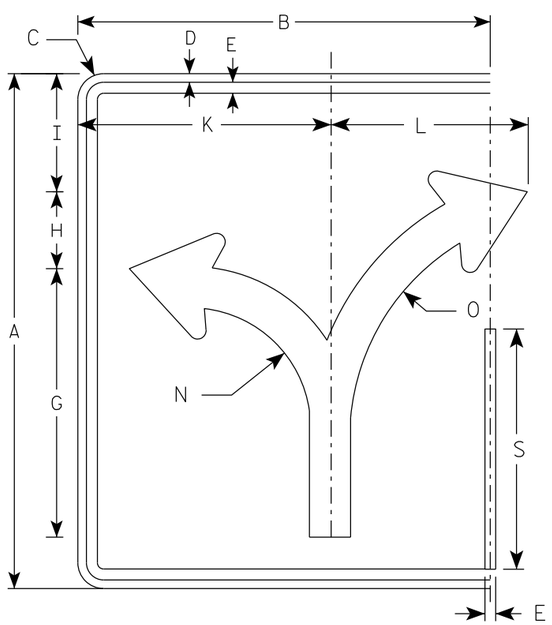
DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

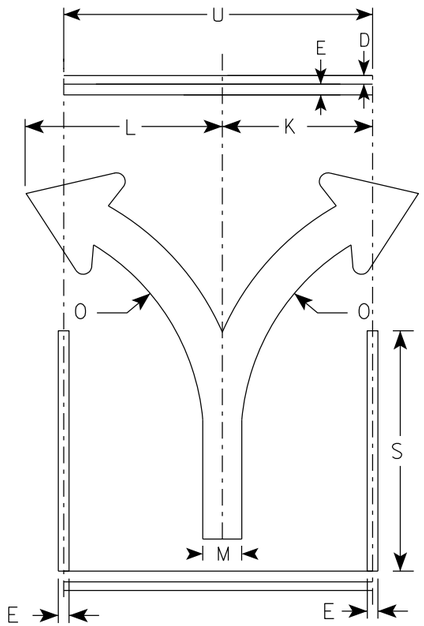
SHEET NO: 789 E

NOTES

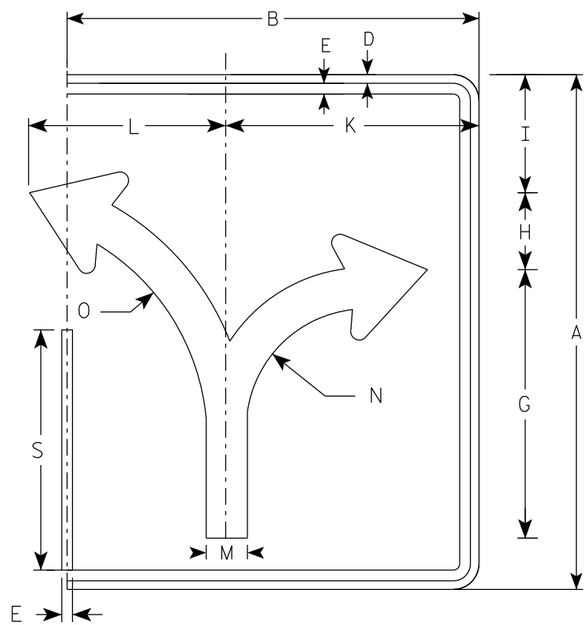
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



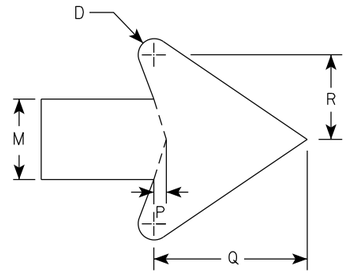
(C)



(C)



(C)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (C) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

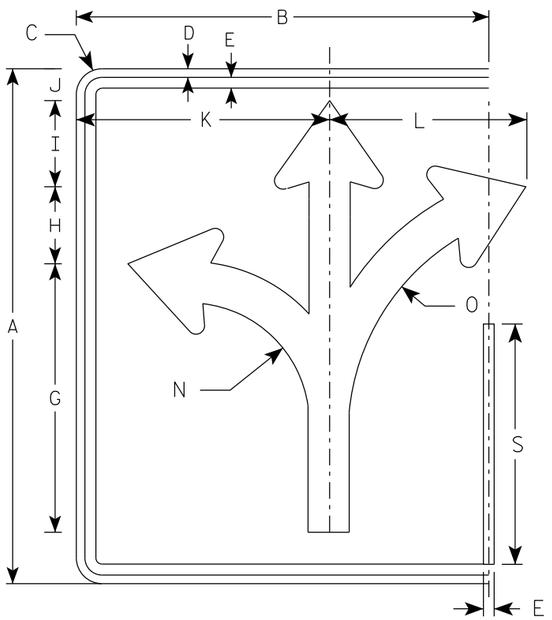
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 790 | E

7

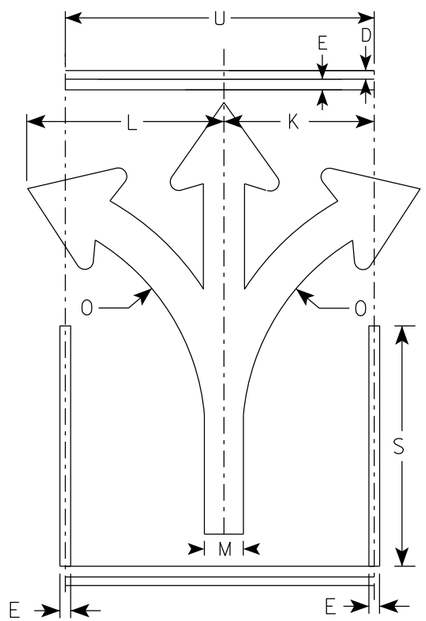
7

NOTES

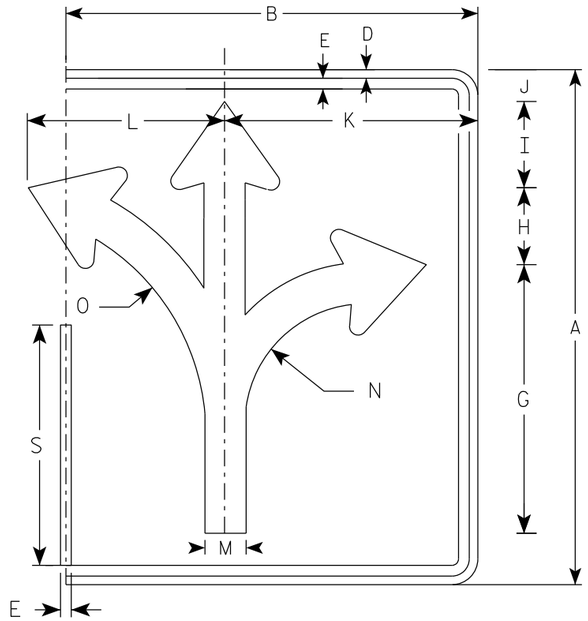
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



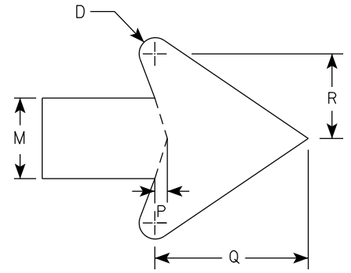
(D)



(D)



(D)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	ENDS Area sq. ft.	MIDDLE Area sq. ft.
1																												
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		18						5.0	3.75
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	6	2 1/4	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		24						7.5	6.0
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		30						12.0	10.0

STANDARD SIGN
R3-8 (D) Arrow

WISCONSIN DEPT OF TRANSPORTATION

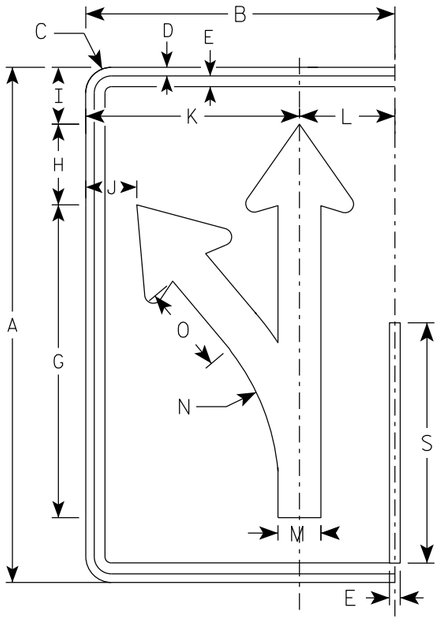
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

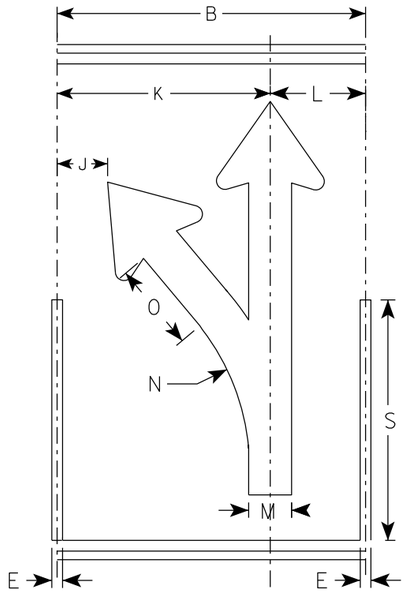
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 791 | E

NOTES

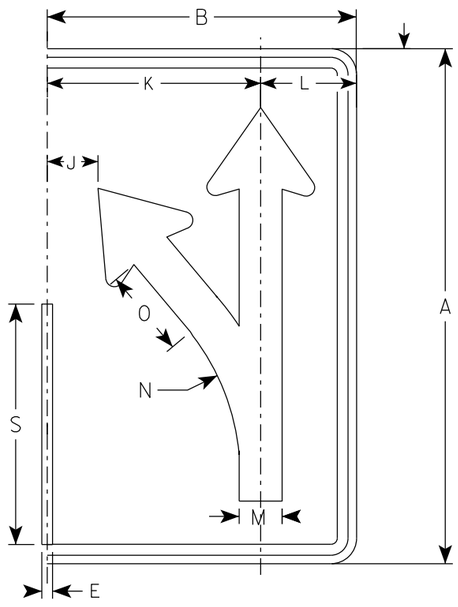
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



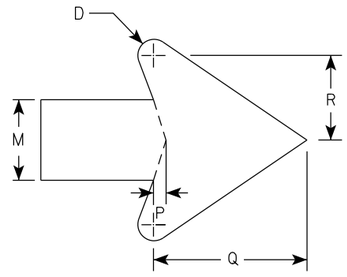
(E)



(E)



(E)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (E) Arrow

WISCONSIN DEPT OF TRANSPORTATION

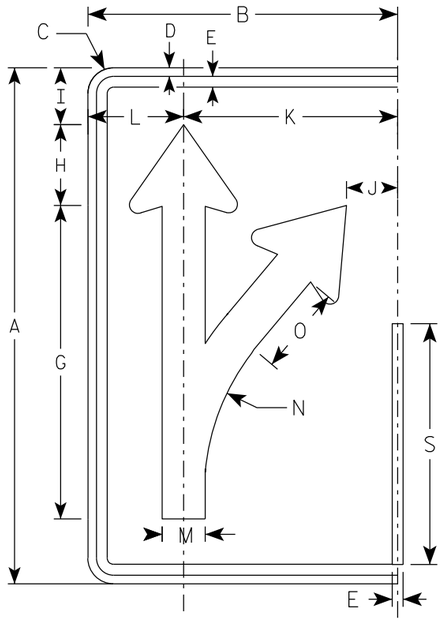
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

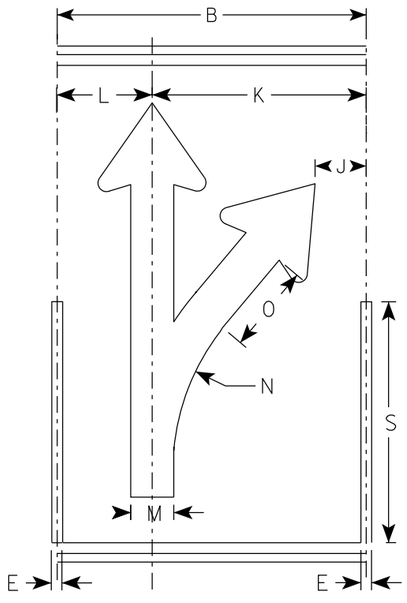
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 792 | E

NOTES

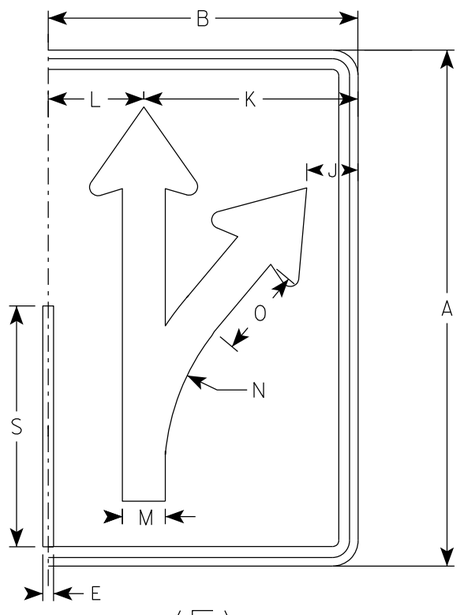
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



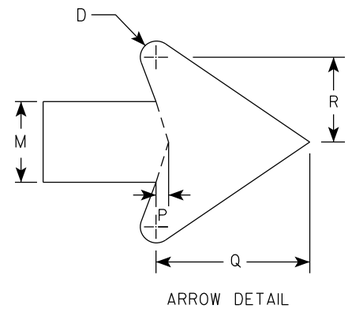
(F)



(F)



(F)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14								3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4								6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8								10.0

STANDARD SIGN
R3-8 (F) Arrow

WISCONSIN DEPT OF TRANSPORTATION

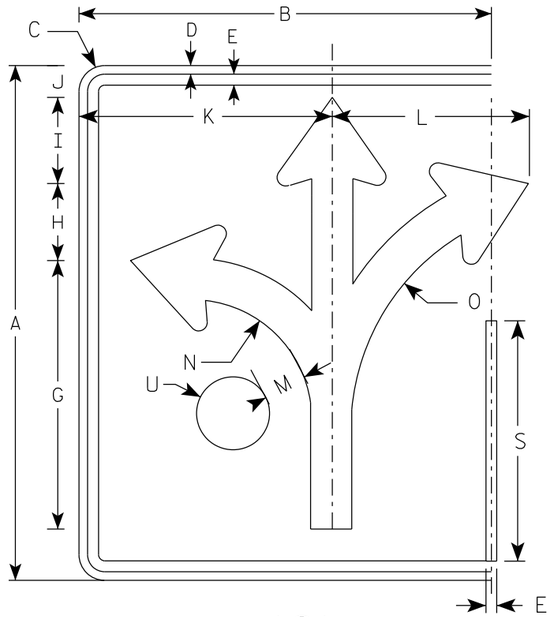
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

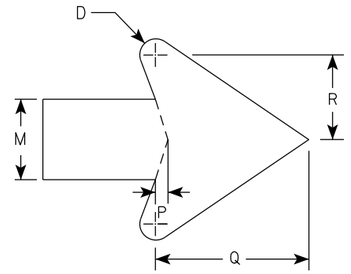
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 793 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(G)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	5	1 7/8	14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	6	3 1/8	17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	7 7/8	3 1/8	23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (G) Arrow

WISCONSIN DEPT OF TRANSPORTATION

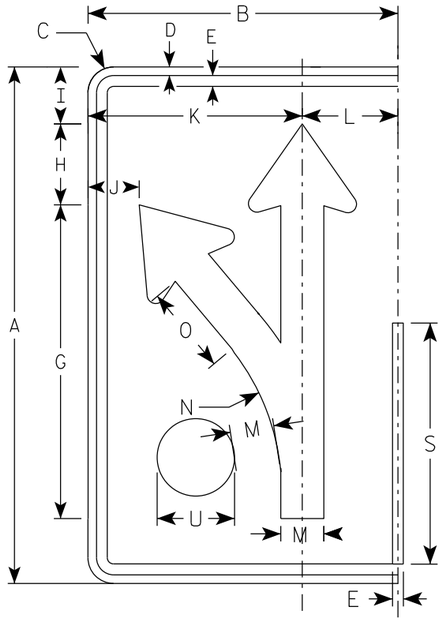
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

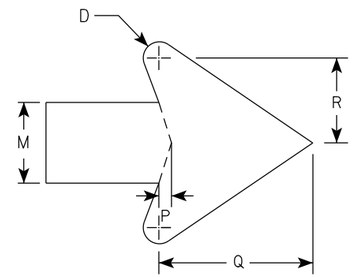
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 794	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(H)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
2M	30	18	1 1/2	1/2	5/8		18 1/4	4 3/4	3 1/4	3	12 1/2	5 1/2	2 1/2	13 1/4	5 1/8	3/8	4 3/4	2 5/8	14		2 1/8						3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	5 5/8	4	4 7/8	16 1/8	7 3/4	3	15 7/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4		2 1/2						6.0
4	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0
5	48	30	2 1/4	3/4	1		29 1/8	7 1/2	5 1/4	5 3/8	20 1/2	9 1/2	4	21 1/4	8 1/4	5/8	7 5/8	4 1/4	22 3/8		3 3/8						10.0

STANDARD SIGN
R3-8 (H) Arrow

WISCONSIN DEPT OF TRANSPORTATION

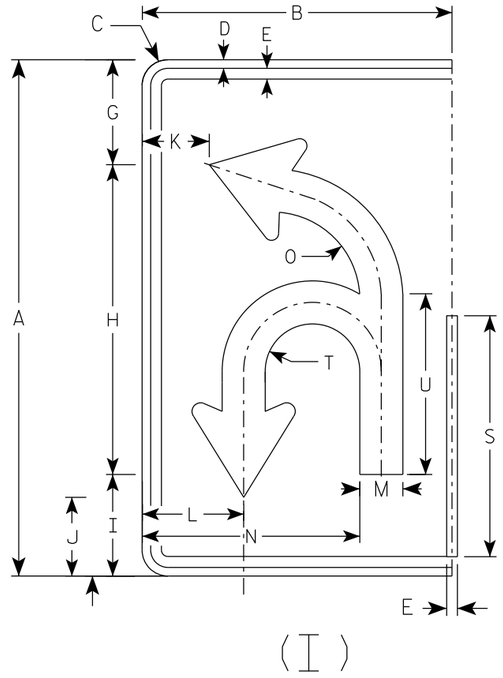
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

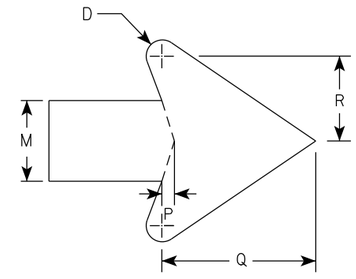
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 795 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(I)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
2M	30	18	1 1/2	1/2	5/8		6 1/8	18	5 7/8	4 5/8	3 7/8	5 7/8	2 1/2	12 5/8	5 1/8	3/8	4 3/4	2 5/8	14	2 3/4	10 1/2						3.75
3	36	24	1 1/2	1/2	5/8		21 7/8	21 5/8	7 1/8	5 1/2	5 7/8	8 1/4	3	16 3/8	6 1/8	1/2	5 3/4	3 1/8	16 3/4	3 1/4	12 5/8						6.0
4	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0
5	48	30	2 1/4	3/4	1		29 1/8	28 3/4	9 3/8	7 1/4	6 7/8	10	4	20 7/8	8 1/8	5/8	7 5/8	4 1/4	22 3/8	4 3/8	16 3/4						10.0

STANDARD SIGN
R3-8 (I) Arrow

WISCONSIN DEPT OF TRANSPORTATION

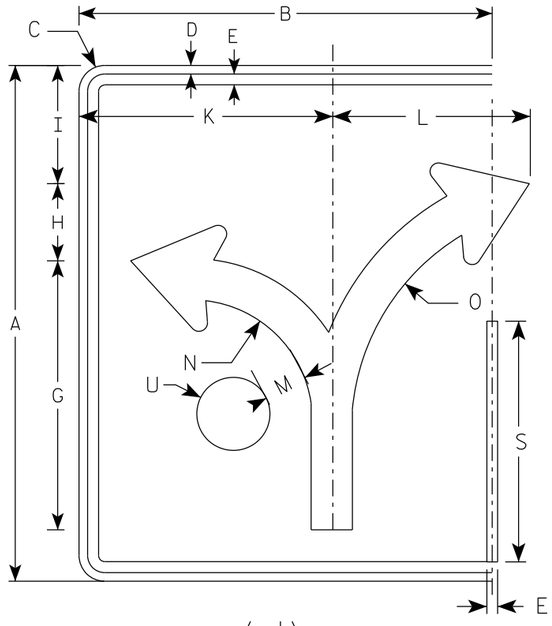
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

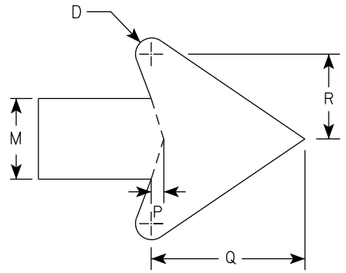
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 796 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - None



(J)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
2M	30	24	1 1/2	1/2	5/8		15 5/8	4 1/2	6 7/8		14 3/4	11 1/2	2 3/8	7	13 1/4	3/8	4 1/2	2 1/2	14		2 1/8						5.0
3	36	30	1 1/2	1/2	5/8		18 3/4	5 1/2	8 1/4		17 1/4	17 1/4	2 7/8	8 3/8	16	1/2	5 1/2	3	16 3/4		2 1/2						7.5
4	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0
5	48	36	2 1/4	3/4	1		24 7/8	7 1/4	11		23 1/8	18	3 3/4	11 1/8	21 1/4	5/8	7 1/8	4	22 3/8		3 3/8						12.0

STANDARD SIGN
R3-8 (J) Arrow

WISCONSIN DEPT OF TRANSPORTATION

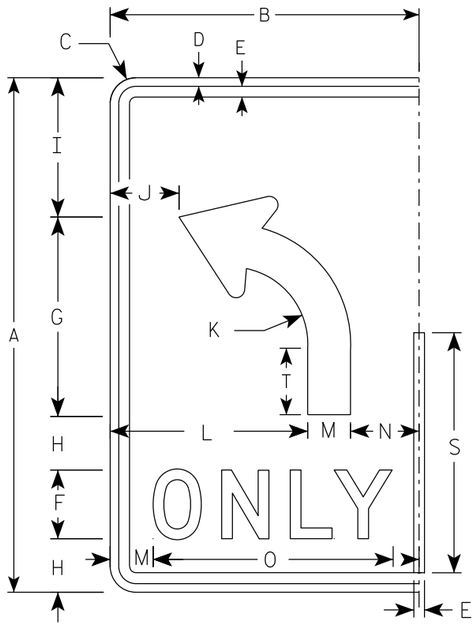
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

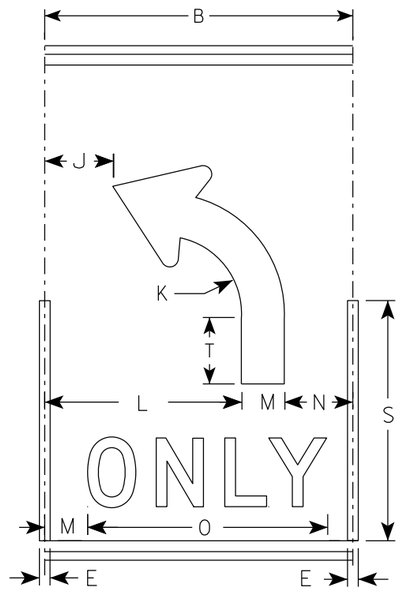
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 797 | E

NOTES

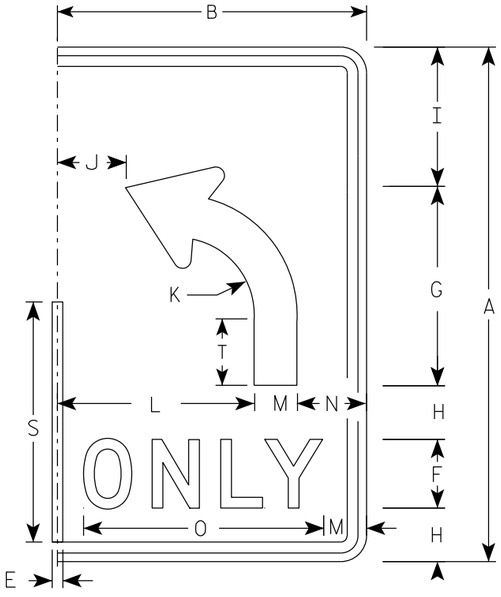
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



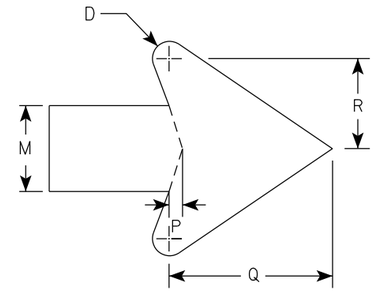
(L)



(L)



(L)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 ½	½	⅝	4	11 ⅝	3 ⅛	8 ⅛	4	4 ½	11 ½	2 ½	4	14	⅜	4 ¾	2 ⅝	14	3 ⅞							3.75
2M	30	18	1 ½	½	⅝	4	11 ⅝	3 ⅛	8 ⅛	4	4 ½	11 ½	2 ½	4	14	⅜	4 ¾	2 ⅝	14	3 ⅞							3.75
3	36	24	1 ½	½	⅝	5	14	3 ½	9 ¾	6	5 ⅜	15	3	6	17 ⅝	½	5 ¾	3 ⅛	16 ¾	4 ⅝							6.0
4	48	30	2 ¼	¾	1	6	18 ⅝	5 ⅛	13 ⅛	6 ⅛	7 ¼	18	4	8	21 ¾	⅝	7 ⅝	4 ¼	22 ⅜	6 ¼							10.0
5	48	30	2 ¼	¾	1	6	18 ⅝	5 ⅛	13 ⅛	6 ⅛	7 ¼	18	4	8	21 ¾	⅝	7 ⅝	4 ¼	22 ⅜	6 ¼							10.0

STANDARD SIGN

R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

SHEET NO: 798 E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn PLOT DATE : 14-FEB 2023 3:02 PLOT BY : mscj9h PLOT NAME :

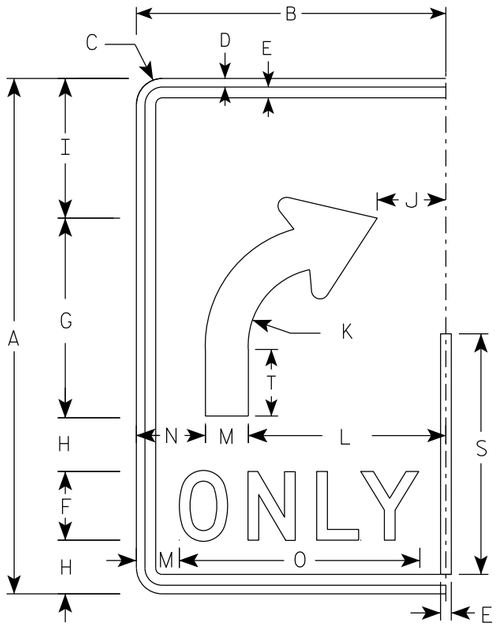
WISDOT/CADDS SHEET 42

7

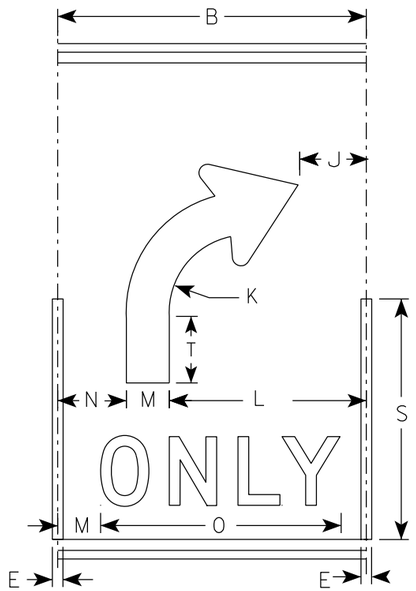
7

NOTES

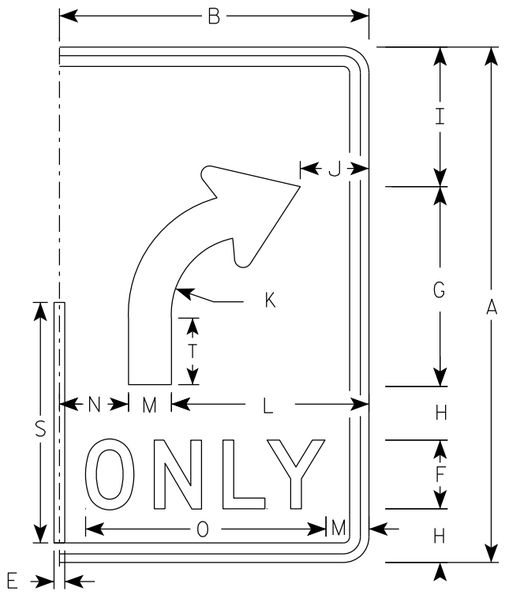
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



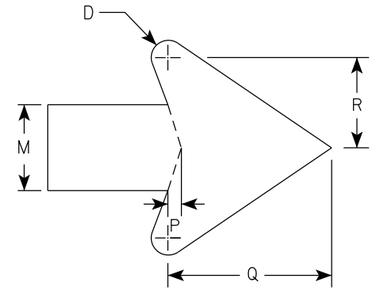
(R)



(R)



(R)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
2M	30	18	1 1/2	1/2	5/8	4	11 5/8	3 1/8	8 1/8	4	4 1/2	11 1/2	2 1/2	4	14	3/8	4 3/4	2 5/8	14	3 7/8							3.75
3	36	24	1 1/2	1/2	5/8	5	14	3 1/2	9 3/4	6	5 3/8	15	3	6	17 5/8	1/2	5 3/4	3 1/8	16 3/4	4 5/8							6.0
4	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0
5	48	30	2 1/4	3/4	1	6	18 5/8	5 1/8	13 1/8	6 1/8	7 1/4	18	4	8	21 3/4	5/8	7 5/8	4 1/4	22 3/8	6 1/4							10.0

STANDARD SIGN

R3-8 (R) Arrow

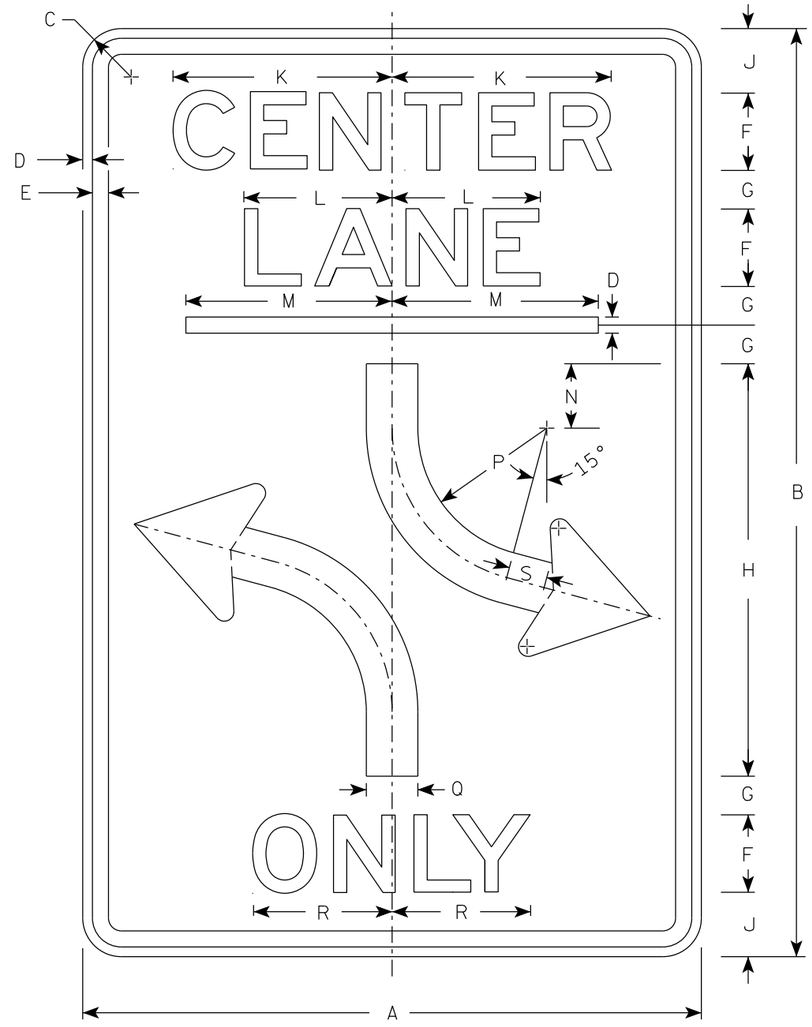
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/23 PLATE NO. R3-8.2

PROJECT NO:

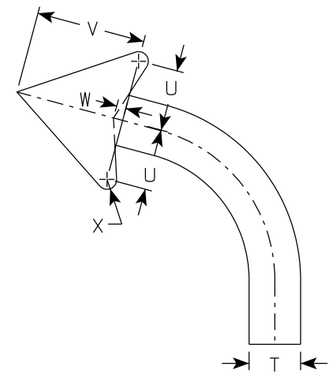
SHEET NO: 799 **E**



R3-9B

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 ½	⅜	½	3	1 ½	16		2 ½	8 ½	5 ¾	8	2 ½		6	2	5 ⅛	1 ½		2 ⅜	4 ⅜	⅜				6.0
2M	24	36	1 ½	⅜	½	3	1 ½	16		2 ½	8 ½	5 ¾	8	2 ½		6	2	5 ⅛	1 ½		2 ⅜	4 ⅜	⅜				6.0
3	36	48	1 ⅞	⅝	⅞	5	1 ½	20		3 ½	14 ⅛	9 ½	12	3		4	3	9 ⅞	2		3 ½	6 ⅛	½				12.0
4																											
5																											

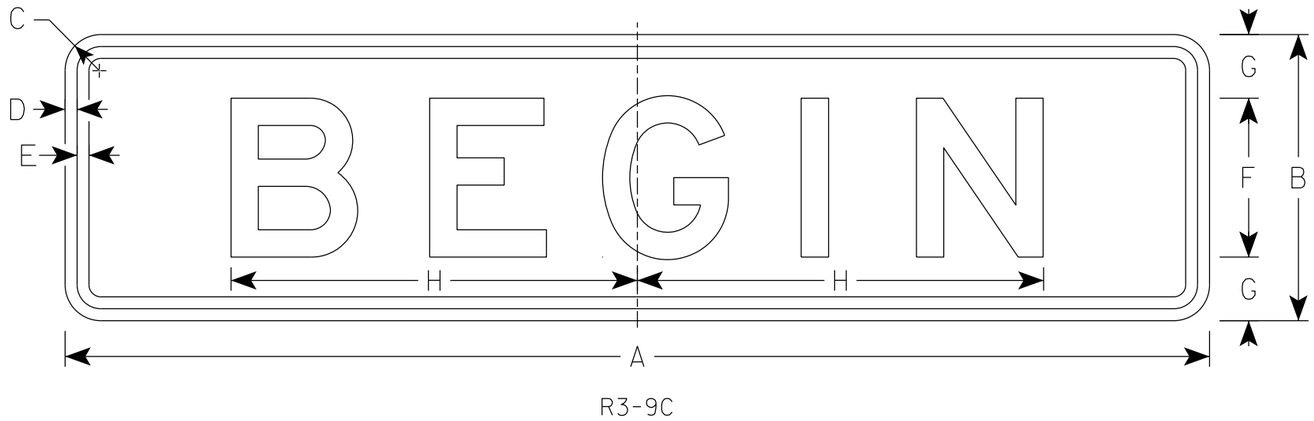
STANDARD SIGN
R3-9B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/15/23 PLATE NO. R3-9B.6

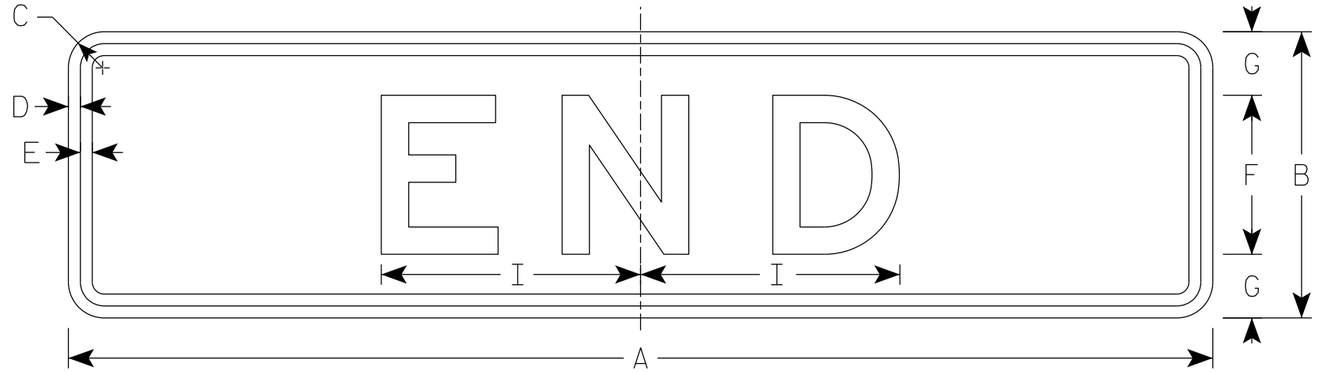
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 800 | E



R3-9C

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



R3-9D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	6	1 1/2	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
2M	24	6	1 1/2	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
3	36	9	1 1/2	3/8	3/8	5	2	12 3/4	8 1/8																		2.25
4																											
5																											

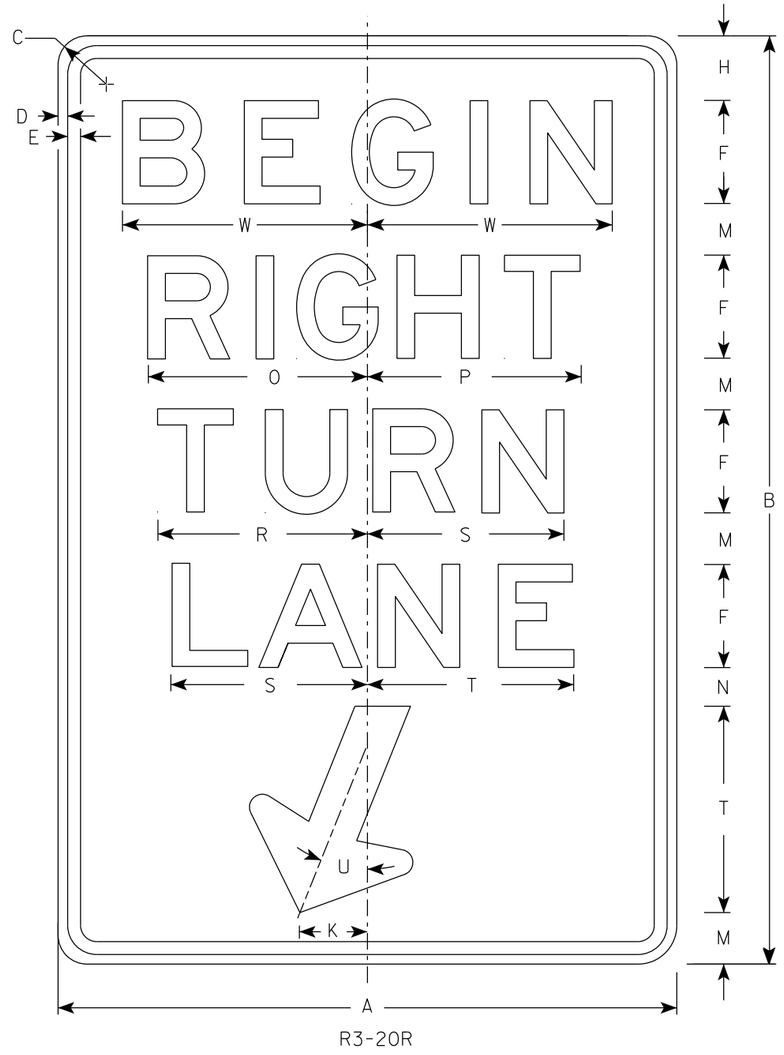
STANDARD SIGN
R3-9C & R3-9D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-9C.4

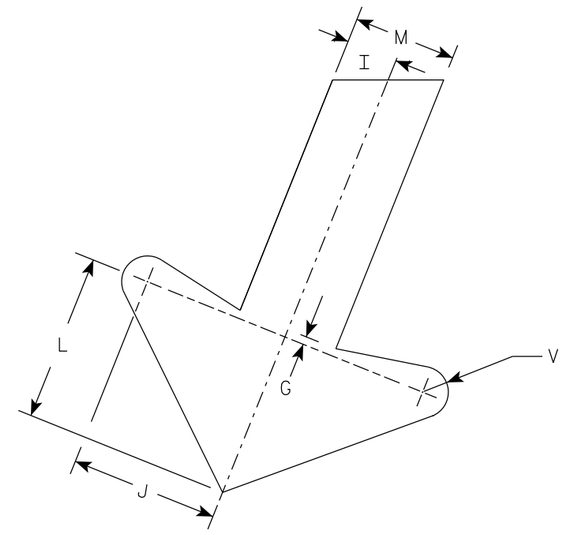
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 801 | E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

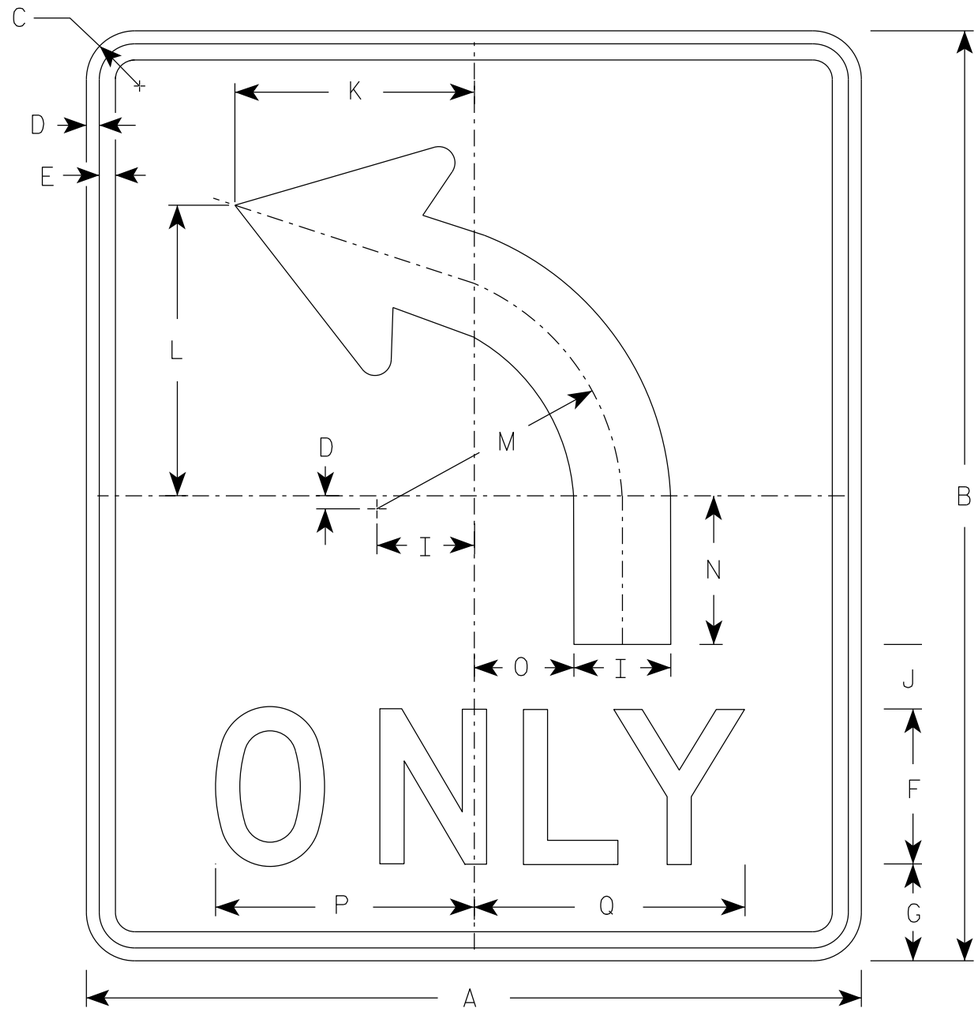
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

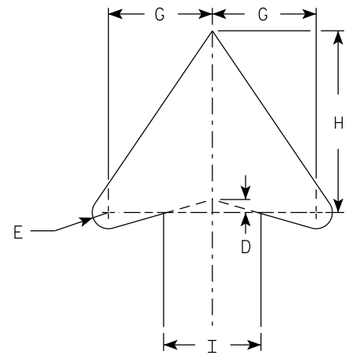
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 802 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-50R is the same as R3-50L except curved portion of arrow points right.



R3-50L



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
2M	30	36	1 7/8	1/2	5/8	6	4	7	3 3/4	2 1/2	9 1/4	11 1/4	9 1/2	5 3/4	3 7/8	10	10 1/2										7.5
3																											
4																											
5																											

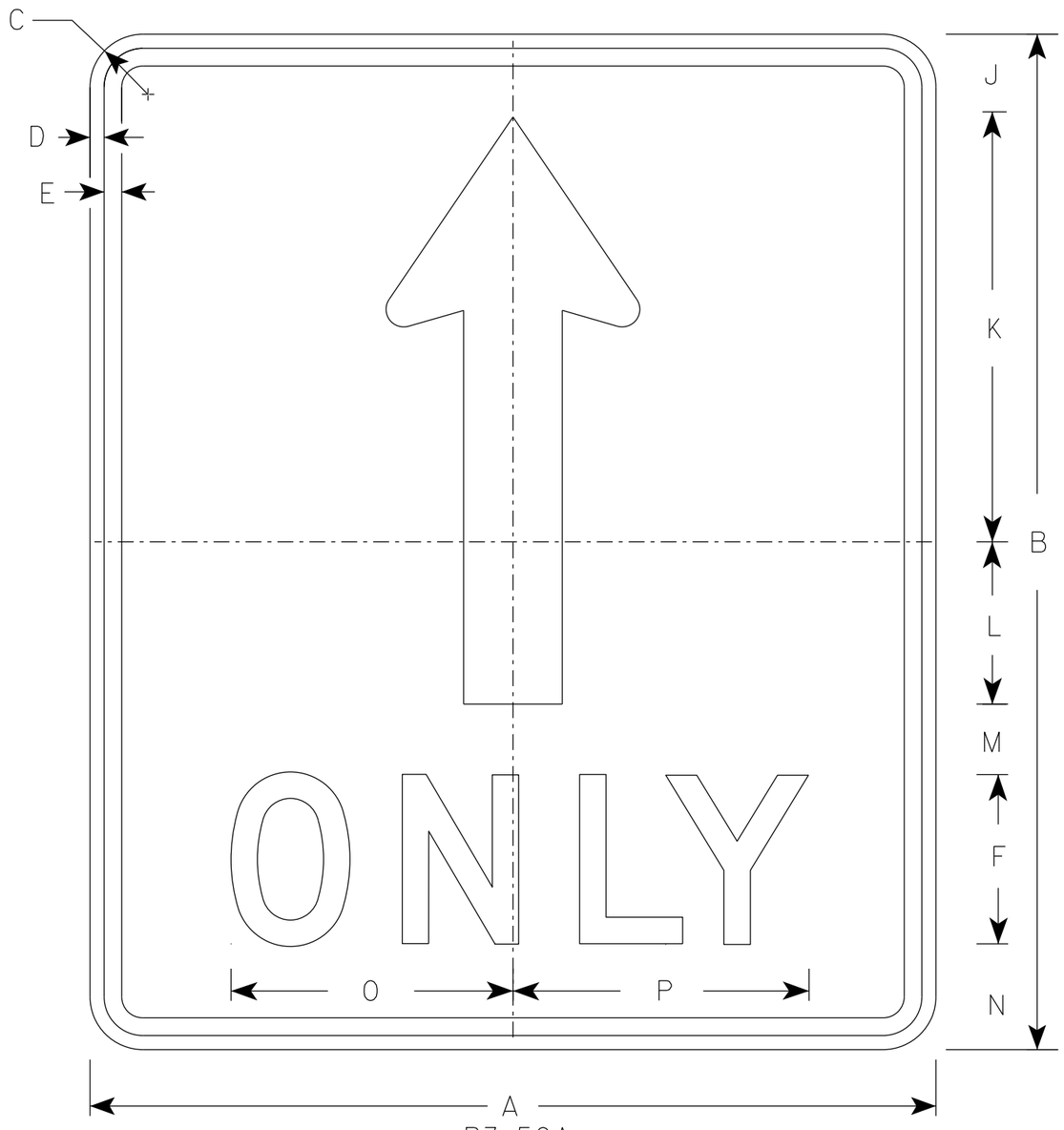
STANDARD SIGN
R3-50

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-50.3

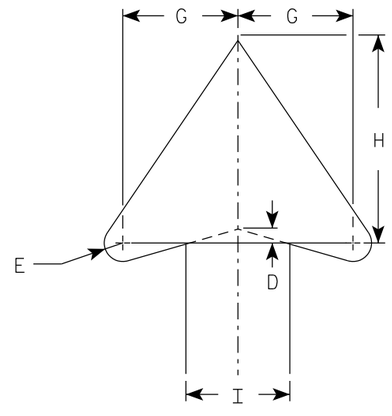
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 803	E



R3-50A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	6	4	7	3 1/2	2 3/4	15 1/4	5 3/4	2 1/2	3 3/4	10	10 1/2											7.5
2M	30	36	1 7/8	1/2	5/8	6	4	7	3 1/2	2 3/4	15 1/4	5 3/4	2 1/2	3 3/4	10	10 1/2											7.5
3																											
4																											
5																											

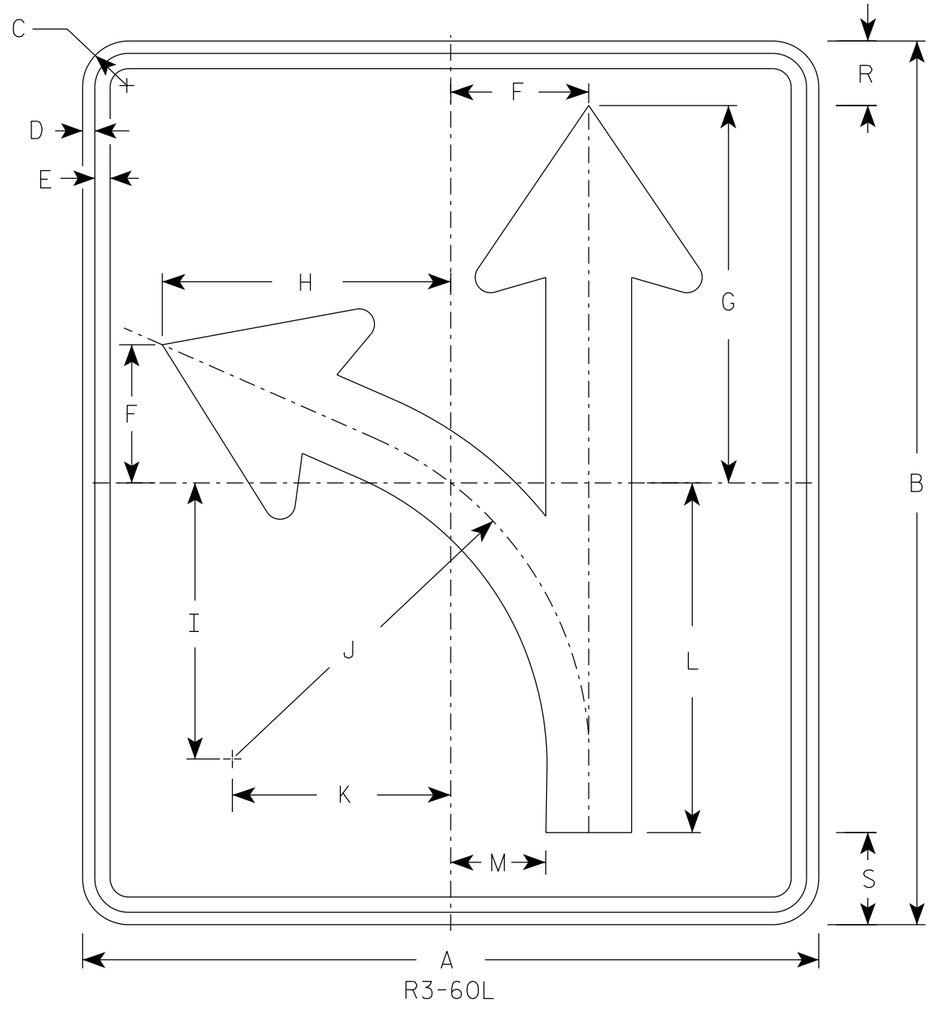
STANDARD SIGN
R3-50A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-50A.4

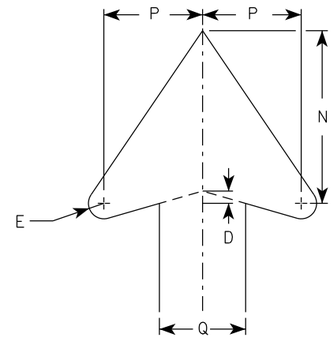
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 804 | E



R3-60L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R3-60R is the same as R3-60L except curved portion of arrow points to right.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	5 5/8	15 3/8	11 1/4	5 3/8	14 1/2	8 7/8	14 1/4	3 7/8	7		4	3 1/2	2 5/8	3 3/4								7.5
2M	30	36	1 7/8	1/2	5/8	5 5/8	15 3/8	11 1/4	5 3/8	14 1/2	8 7/8	14 1/4	3 7/8	7		4	3 1/2	2 5/8	3 3/4								7.5
3																											
4																											
5																											

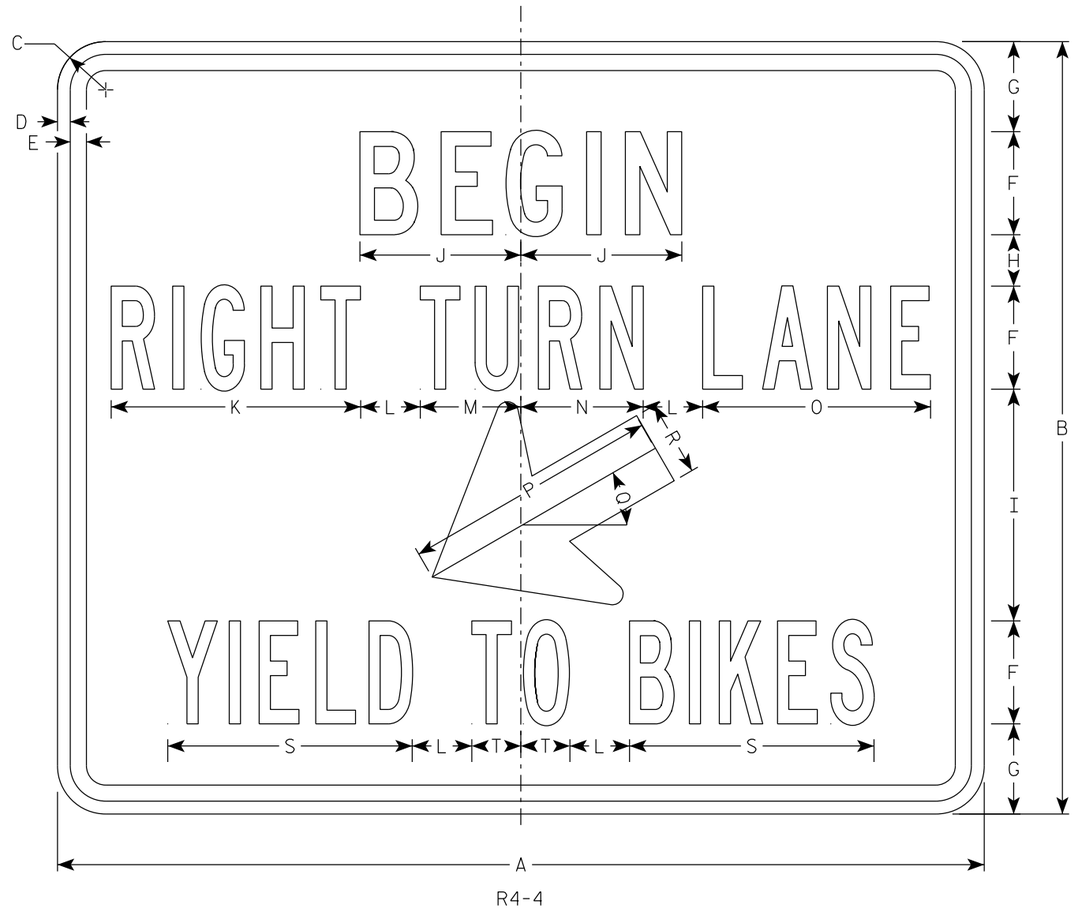
STANDARD SIGN
R3-60

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/23 PLATE NO. R3-60.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 805	E



R4-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - See Note 5
4. Line 1 is Series C
   Lines 2 & 3 are Series B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	30	1 7/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
2M	36	30	1 7/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
3																											
4																											
5																											

STANDARD SIGN
R4-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

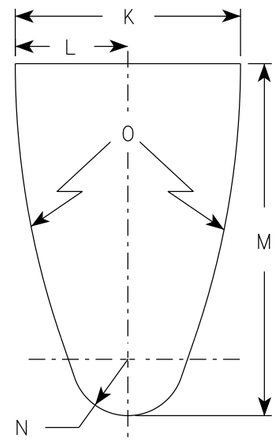
DATE 5/31/23 PLATE NO. R4-4.3

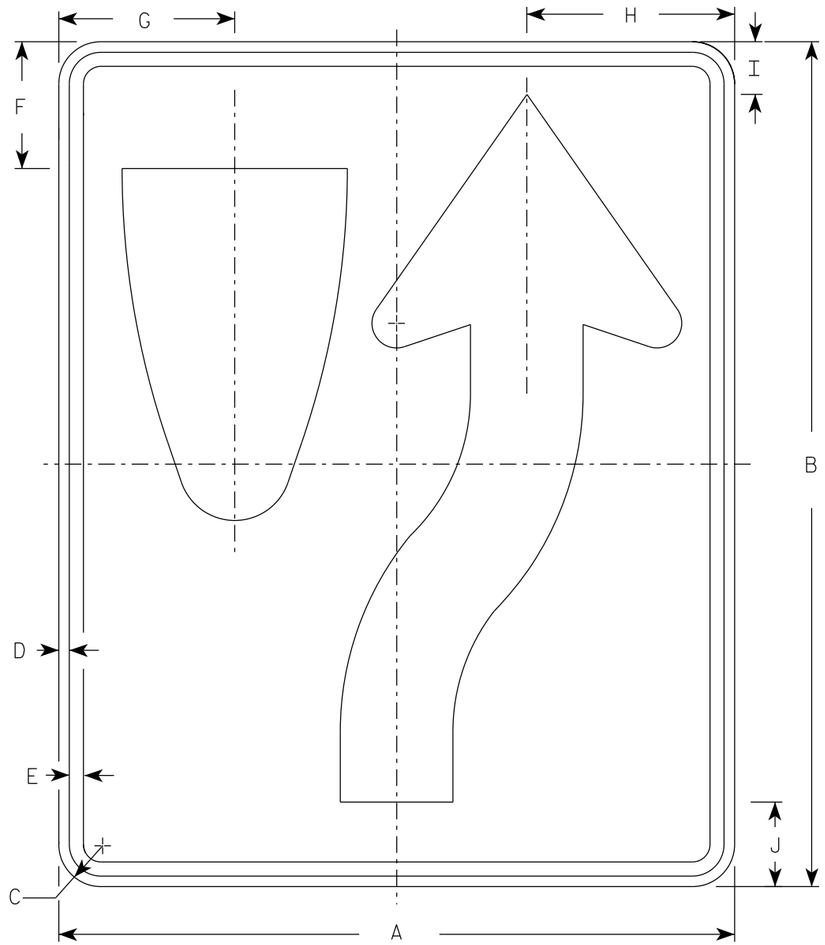
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 806 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

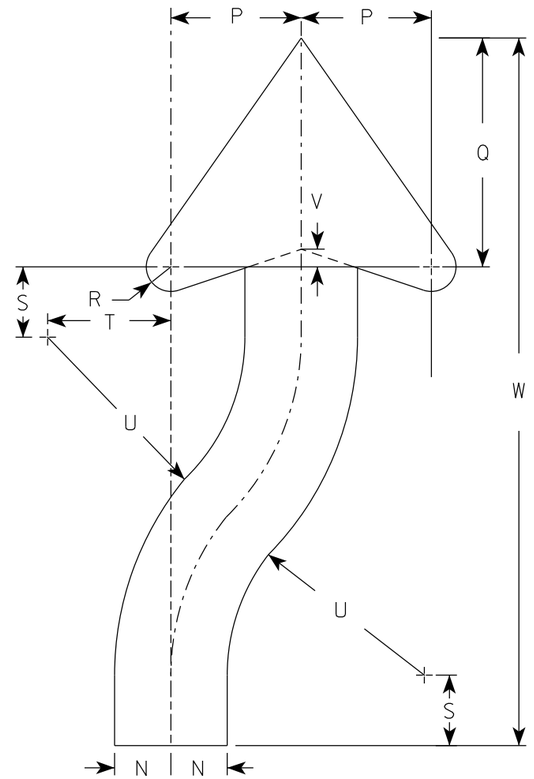
DIVIDER DETAIL





R4-7

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	3	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

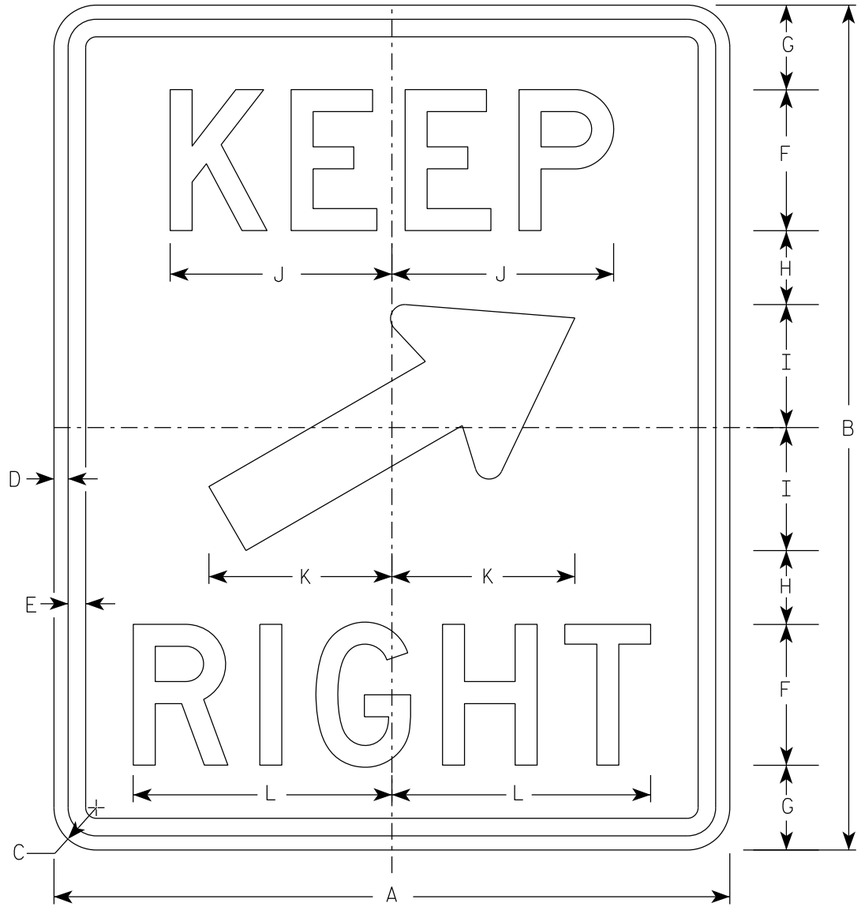
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 807	E

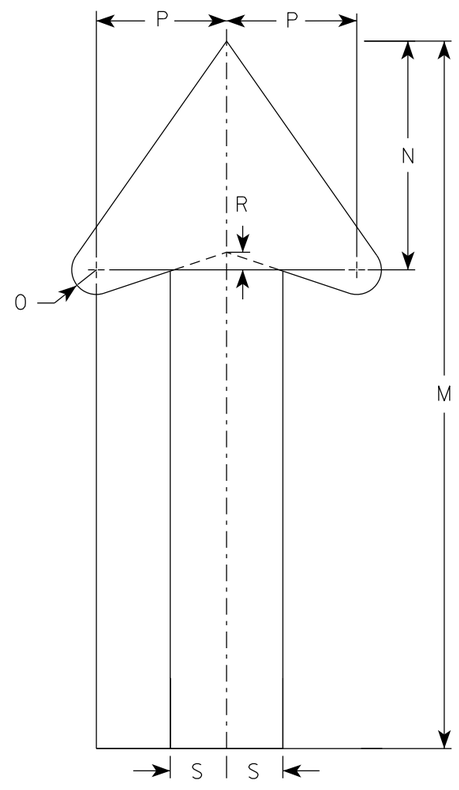
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R4-7B

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	1/2	5/8	5	3	2 5/8	4 3/8	7 7/8	6 1/2	9 1/4	14 1/4	5 1/4	1/2	3		1/8	1 1/4								5.0
2M	24	30	1 1/2	1/2	5/8	5	3	2 5/8	4 3/8	7 7/8	6 1/2	9 1/4	14 1/4	5 1/4	1/2	3		1/8	1 1/4								5.0
3	36	48	1 7/8	1/2	5/8	8	5	3 7/8	7 1/8	12 5/8	10 1/2	14 3/4	22 7/8	9 1/8	7/8	5 1/4		3/8	2 1/4								12.0
4	36	48	1 7/8	1/2	5/8	8	5	3 7/8	7 1/8	12 5/8	10 1/2	14 3/4	22 7/8	9 1/8	7/8	5 1/4		3/8	2 1/4								12.0
5	36	48	1 7/8	1/2	5/8	8	5	3 7/8	7 1/8	12 5/8	10 1/2	14 3/4	22 7/8	9 1/8	7/8	5 1/4		3/8	2 1/4								12.0

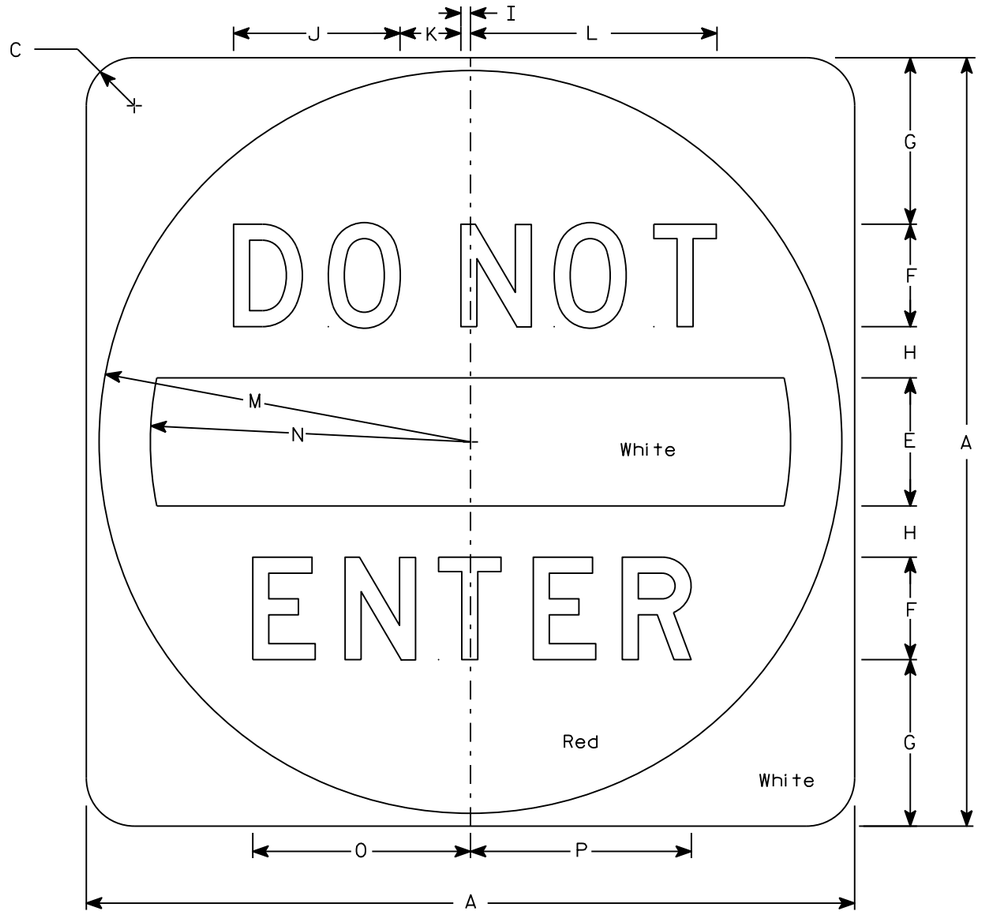
STANDARD SIGN
R4-7B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 8/11/2025 PLATE NO. R4-7B.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 808 | E



R5-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See detail
   Message - White
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.25
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

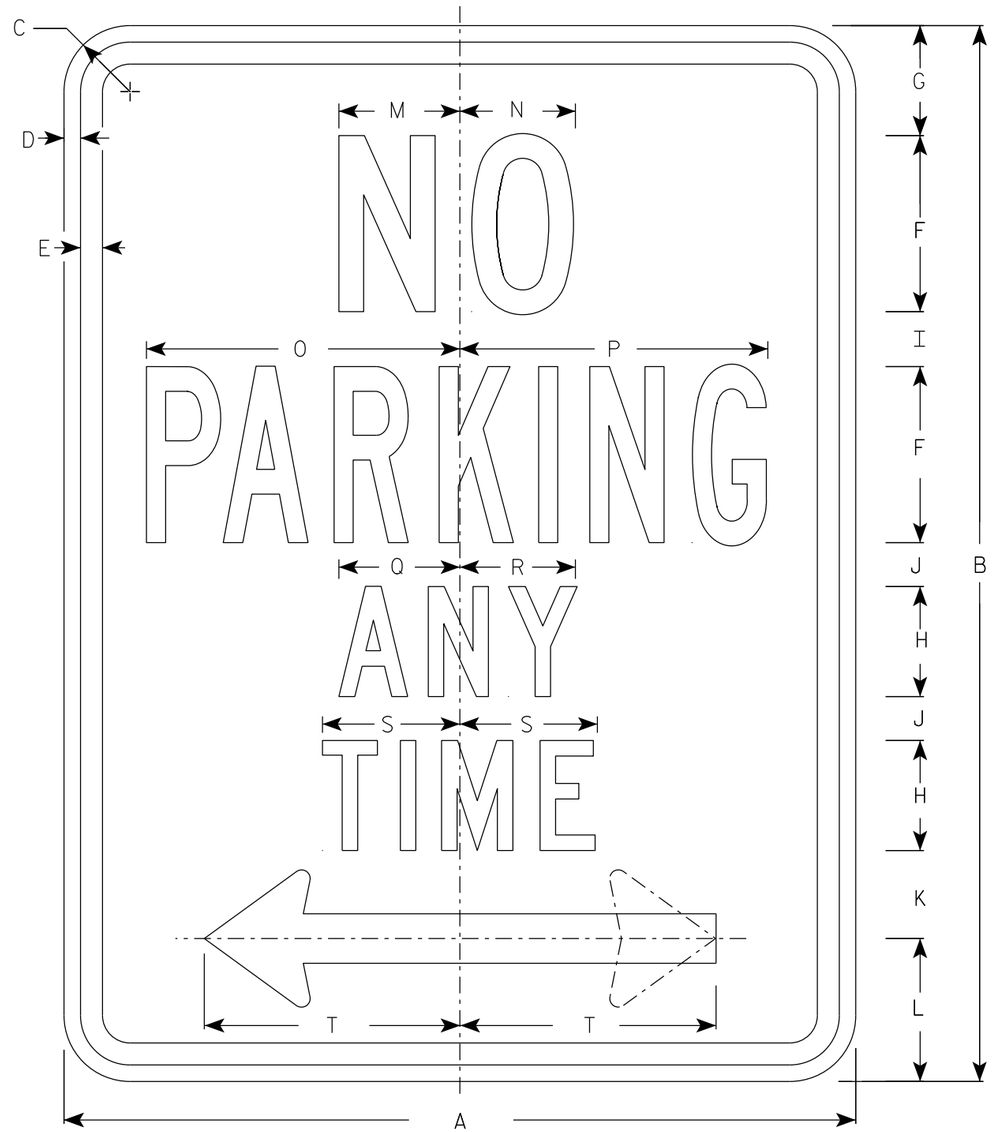
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/18 PLATE NO. R5-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 809 | E

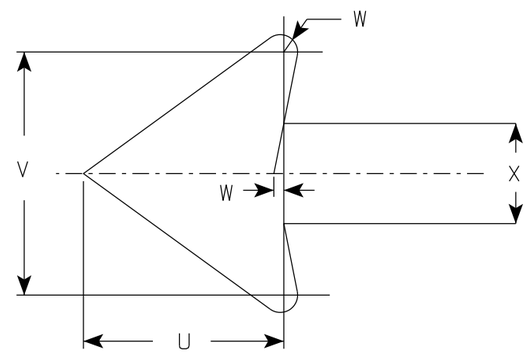


R7-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 4
4. Lines 1, 3 and 4 are series C, line 2 is series B.
5. R7-1D (double arrow)
   R7-1L (left arrow)
   R7-1R (right arrow)

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	⅜	⅜	3	1 ⅞	2	⅞	⅝	1 ½	2 ½	2	2	4 ⅞	4 ⅞	2 ¼	2 ⅛	2 ½	3 ⅞	1 ½	1 ¾	⅛	¾			1.5
2S	18	24	1 ½	⅜	½	4	2 ½	2 ½	1 ¼	1	2	3 ¼	2 ¾	2 ⅝	7 ⅛	7	2 ¾	2 ⅝	3 ⅛	5 ⅞	2 ¼	2 ⅝	¼	1 ⅛			3.0
2M	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	3 ¼	3 ¼	3 ¾	7 ¾	3	3 ½	¼	1 ½			5.0
3	24	30	1 ½	⅜	½	5	3	3	2	1 ¼	2 ½	4	3 ¼	3 ⅜	9 ¼	9 ¼	3 ¼	3 ¼	3 ¾	7 ¾	3	3 ½	¼	1 ½			5.0
4																											
5																											

STANDARD SIGN
R7-1

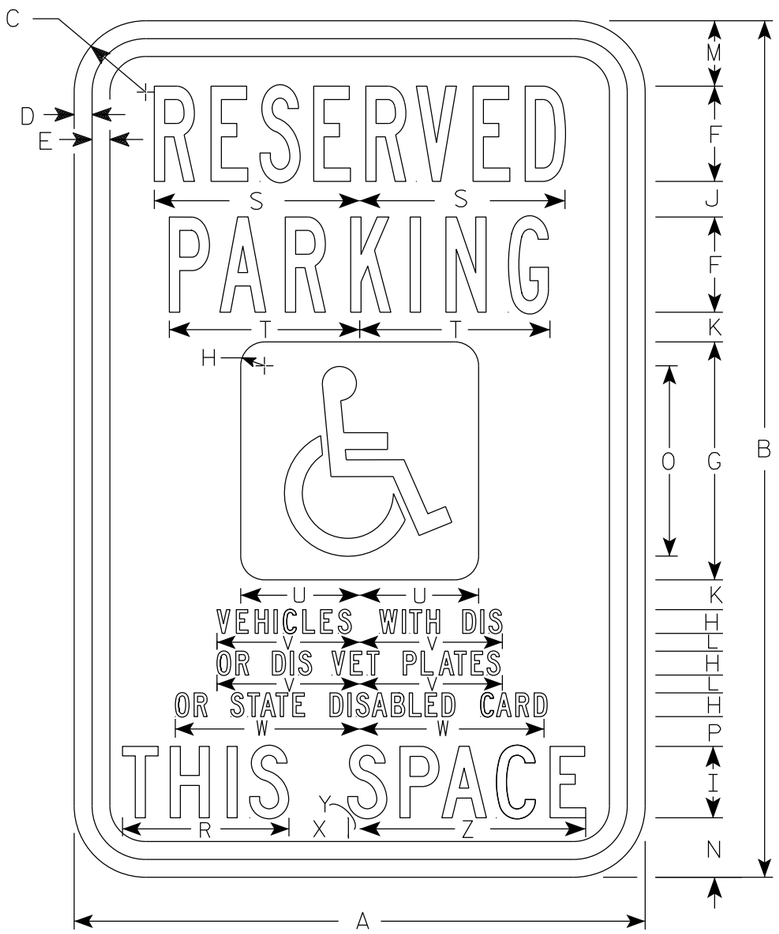
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/26/23 PLATE NO. R7-1.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 810 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R71.dgn PLOT DATE : 26-OCT 2023 2:48 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



R7-8A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Sign is white Type H Reflective; paraplegic background is blue.
   Message - Legend and border are green; paraplegic symbol is white
3. Message Series - Lines 1 & 2 are Series B
   Lines 3, 4, 5 & 6 are Series C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	18	1 1/2	3/8	3/8	2	5	1/2	1 1/2	3/4	5/8	3/8	1 3/8	1 1/4	4	5/8		3 1/2	4 3/8	4	2 1/2	3	3 7/8	1 1/4	1/4	4 3/4	1.5
2M	18	24	1 1/2	3/8	1/2	3	6	3/4	2	7/8	5/8	1/2	1 7/8	2	5	3/4		4 5/8	6 1/2	5 3/8	3	4 1/2	5 7/8	1 1/2	1/4	6 3/8	3.0
3	18	24	1 1/2	3/8	1/2	3	6	3/4	2	7/8	5/8	1/2	1 7/8	2	5	3/4		4 5/8	6 1/2	5 3/8	3	4 1/2	5 7/8	1 1/2	1/4	6 3/8	3.0
4																											
5																											

STANDARD SIGN
R7-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/23 PLATE NO. R7-8A.7

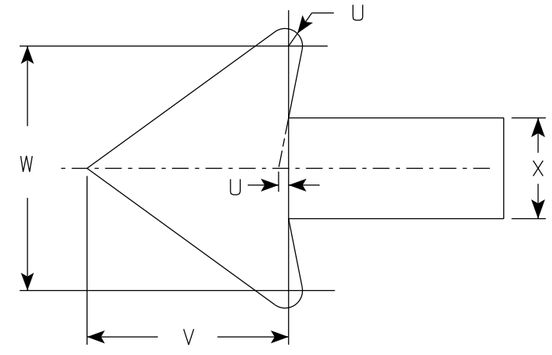
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 811 | E



R7-52

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 4
4. Lines 1, 3 and 4 are series C, line 2 is series B.
5. R7-52D (double arrow)
   R7-52L (left arrow)
   R7-52R (right arrow)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/2	3/8	3/8	3	1 7/8	1 1/2	7/8	7/8	2	2 1/2	2	2	4 7/8	4 7/8	3 7/8	3 3/4	2 3/8	3 7/8	1/8	1 1/2	1 3/4	3/4			1.5
2S	18	24	1 1/2	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	6 3/8	6 1/4	3 7/8	5 7/8	1/4	2 1/4	2 5/8	1 1/8			3.0
2M	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			5.0
3	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			5.0
4																											
5																											

STANDARD SIGN
R7-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/23 PLATE NO. R7-52.7

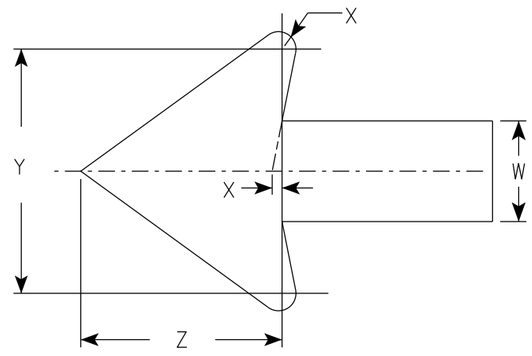
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 812	E



R7-53

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 4
4. Lines 1, 3 and 4 are series C, line 2 is series B.
5. R7-53D (double arrow)
   R7-53L (left arrow)
   R7-53R (right arrow)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/2	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 5/8	1 3/4	1/4	4 1/2	2 3/8	3 7/8	3/4	1/8	1 3/4	1 1/2	1.5
2S	18	24	1 1/2	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	3 3/8	1 1/2	5/8	5 3/8	3	5 7/8	1 1/8	1/4	2 5/8	2 1/4	3.0
2M	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
3	24	30	1 1/2	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
4																											
5																											

STANDARD SIGN
R7-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/23 PLATE NO. R7-53.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 813 | E



R9-3A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Lines 1 & 3 are Series C
   Line 2 is Series B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	18	1 1/2	3/8	3/8	3	2	2 1/4	3 1/2	4 7/8																	1.5
2M	12	18	1 1/2	3/8	3/8	3	2	2 1/4	3 1/2	4 7/8																	1.5
3																											
4																											
5																											

STANDARD SIGN
R9-3A

WISCONSIN DEPT OF TRANSPORTATION

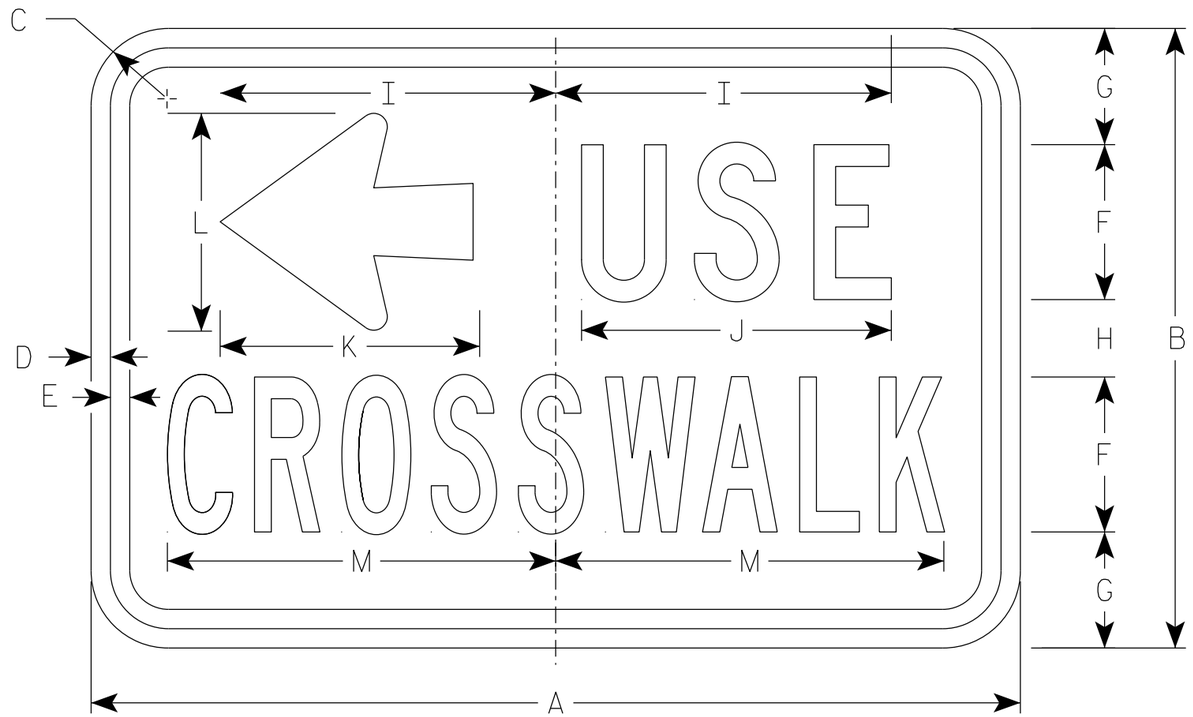
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/20/25 PLATE NO. R9-3A.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 814 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C Line 1, Series B Line 2



R9-3BL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	18	12	1 ½	⅜	⅜	3	2 ¼	1 ½	6 ½	6	5	4 ¼	7 ½														1.5
2M	18	12	1 ½	⅜	⅜	3	2 ¼	1 ½	6 ½	6	5	4 ¼	7 ½														1.5
3																											
4																											
5																											

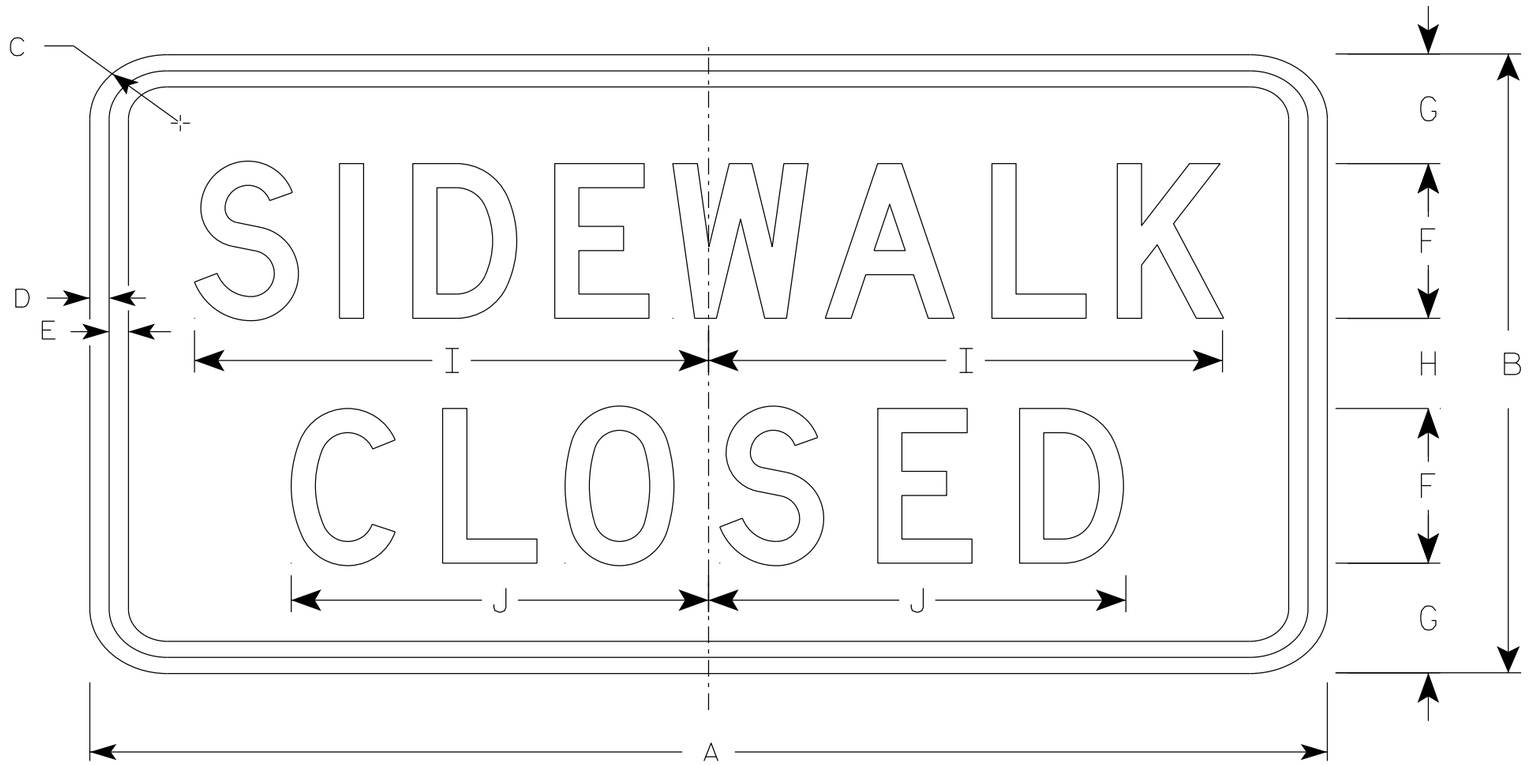
STANDARD SIGN
R9-3BL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/23/24 PLATE NO. R9-3BL.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 815	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

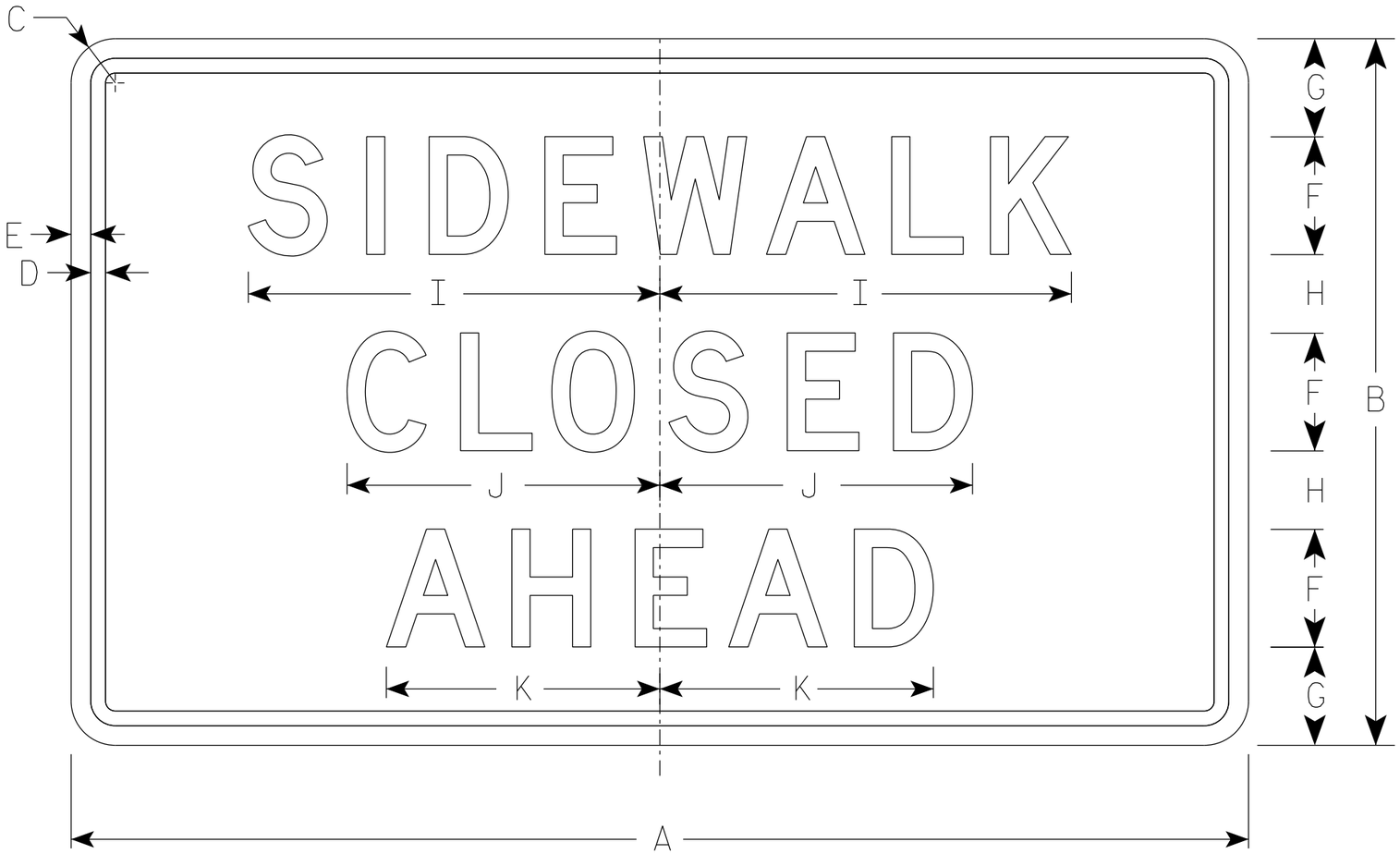
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 816 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R9-9A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
2M	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
3																											
4																											
5																											

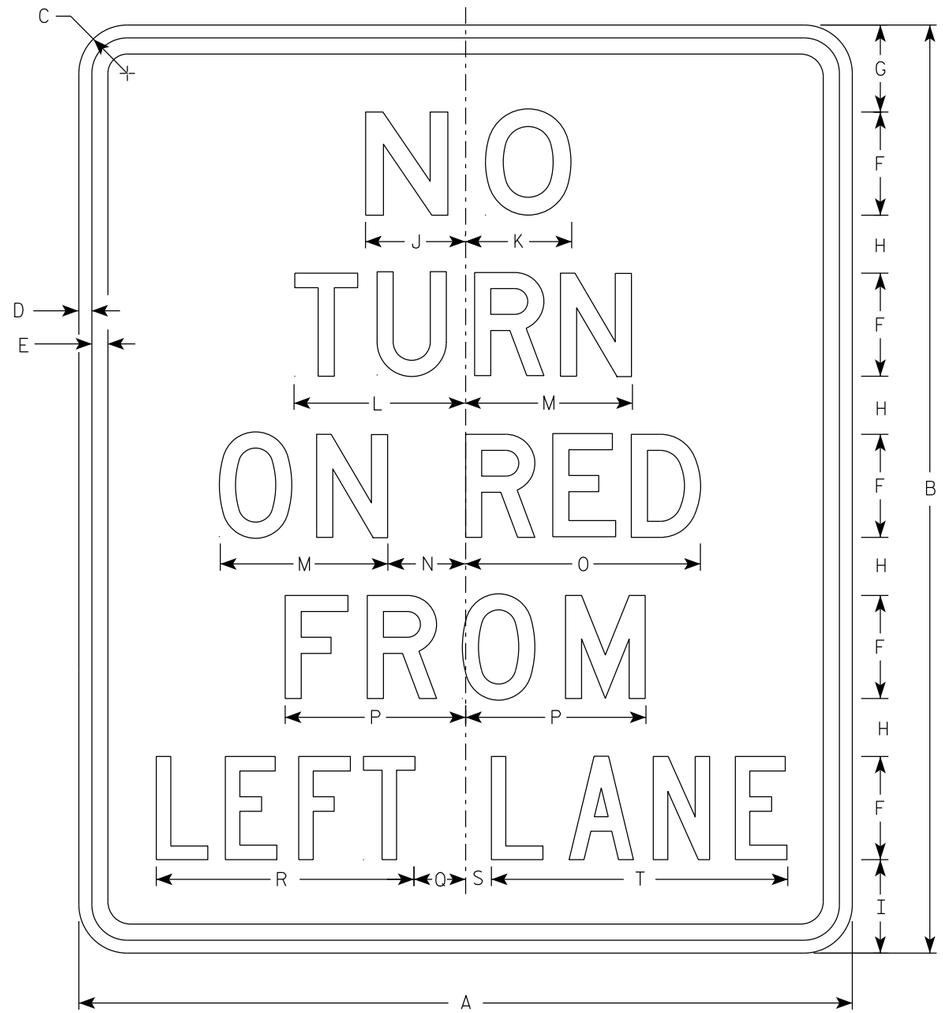
STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 817 | E



R10-11F

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series E.
   Lines 2, 3 and 4 are Series D.
   Line 5 is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 7/8	1/2	5/8	4	3 3/8	2 1/4	3 5/8	3 7/8	4 1/8	6 5/8	6 1/2	3	9 1/8	7	2	10	1	11 1/2							7.5
2M	30	36	1 7/8	1/2	5/8	4	3 3/8	2 1/4	3 5/8	3 7/8	4 1/8	6 5/8	6 1/2	3	9 1/8	7	2	10	1	11 1/2							7.5
3																											
4																											
5																											

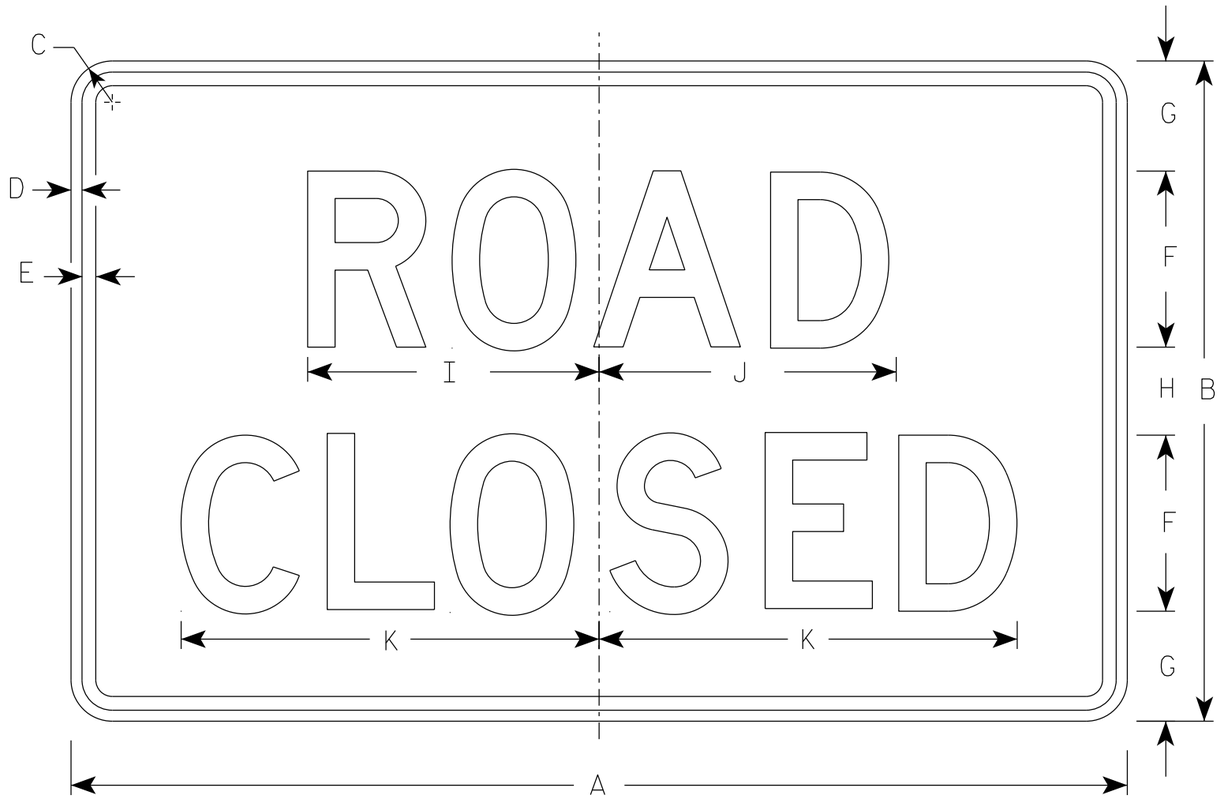
STANDARD SIGN
R10-11F

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/31/24 PLATE NO. R10-11F.4

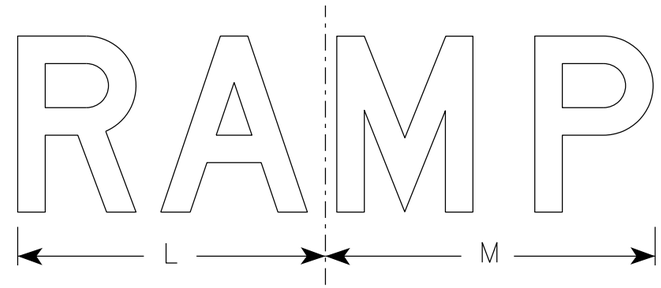
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 818 | E



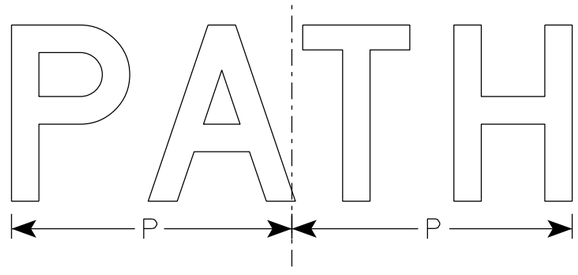
R11-2

NOTES

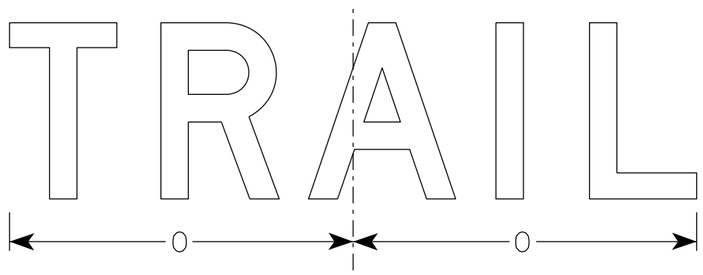
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



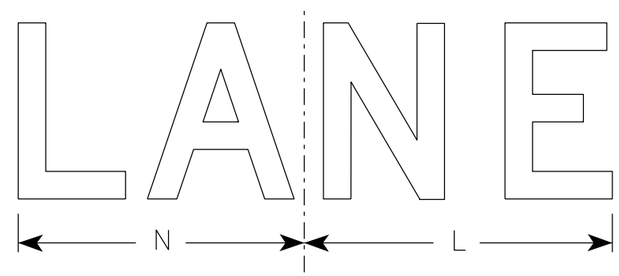
R11-2R



R11-2C



R11-2T



R11-2L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8	12 3/4											10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

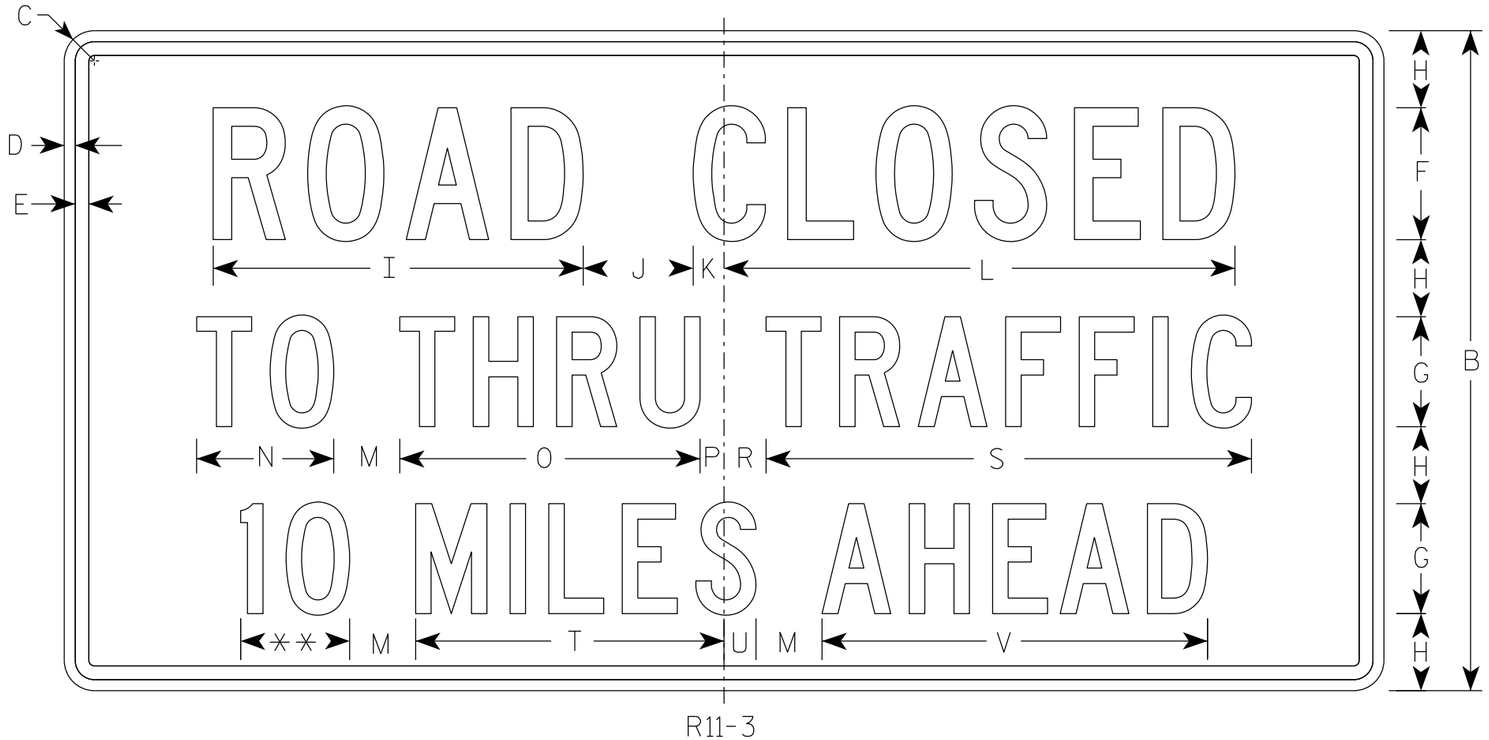
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/3/26 PLATE NO. R11-2.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

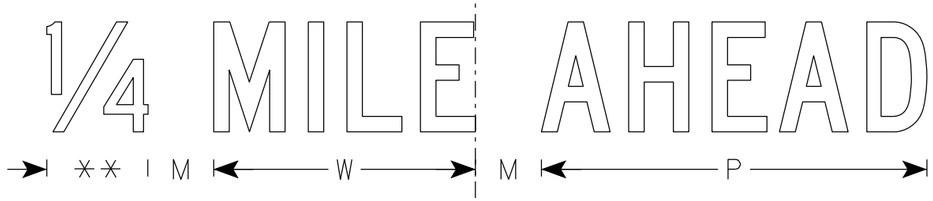
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

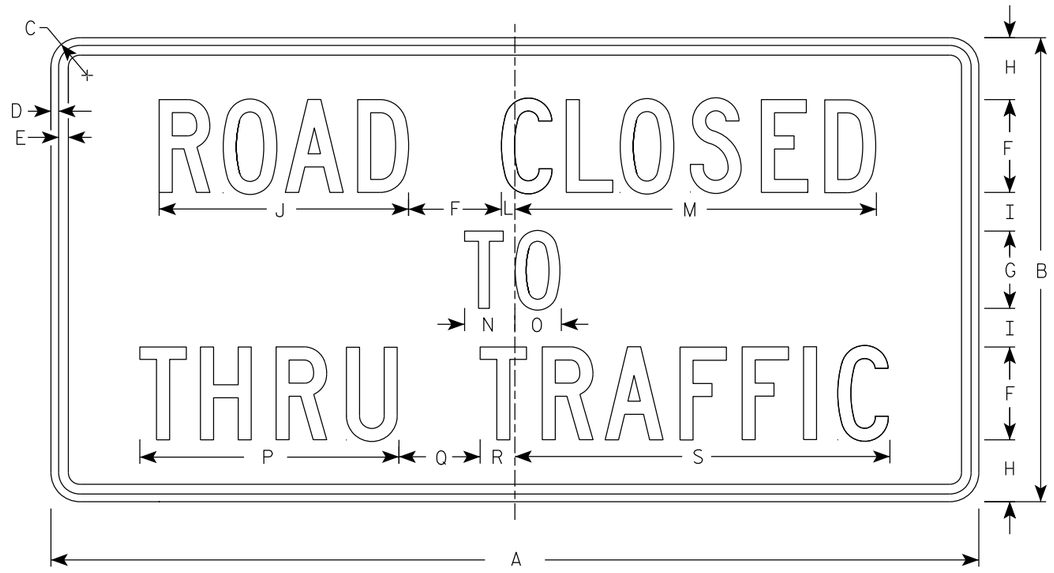
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 820 | E



R11-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

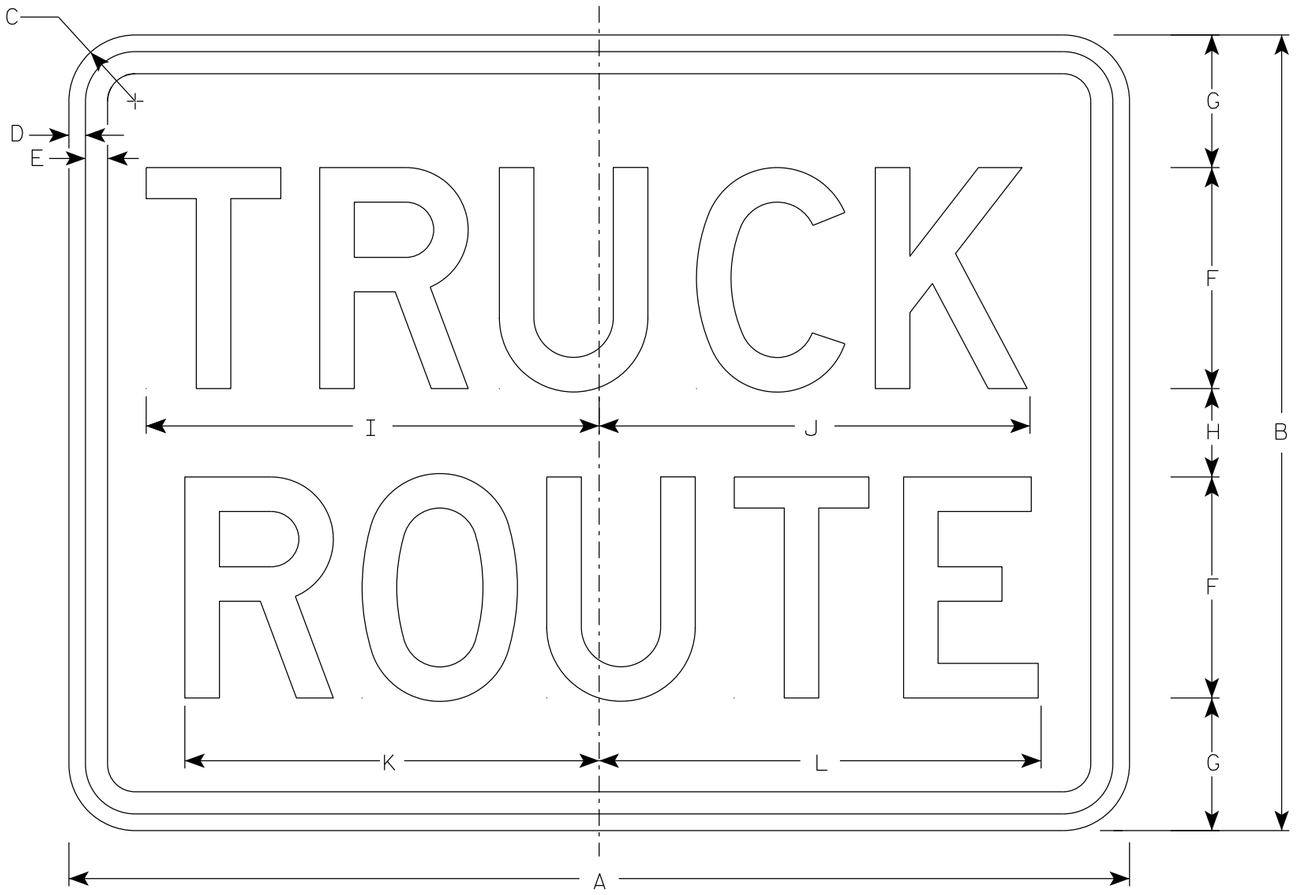
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 821 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R14-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/2	3/8	1/2	5	3	2	10 1/4	9 3/4	9 3/8	10															3.0
2M	24	18	1 1/2	3/8	1/2	5	3	2	10 1/4	9 3/4	9 3/8	10															3.0
3	30	24	1 1/2	3/8	1/2	6	4	4	12 1/4	11 3/4	11 1/4	12															5.0
4																											
5																											

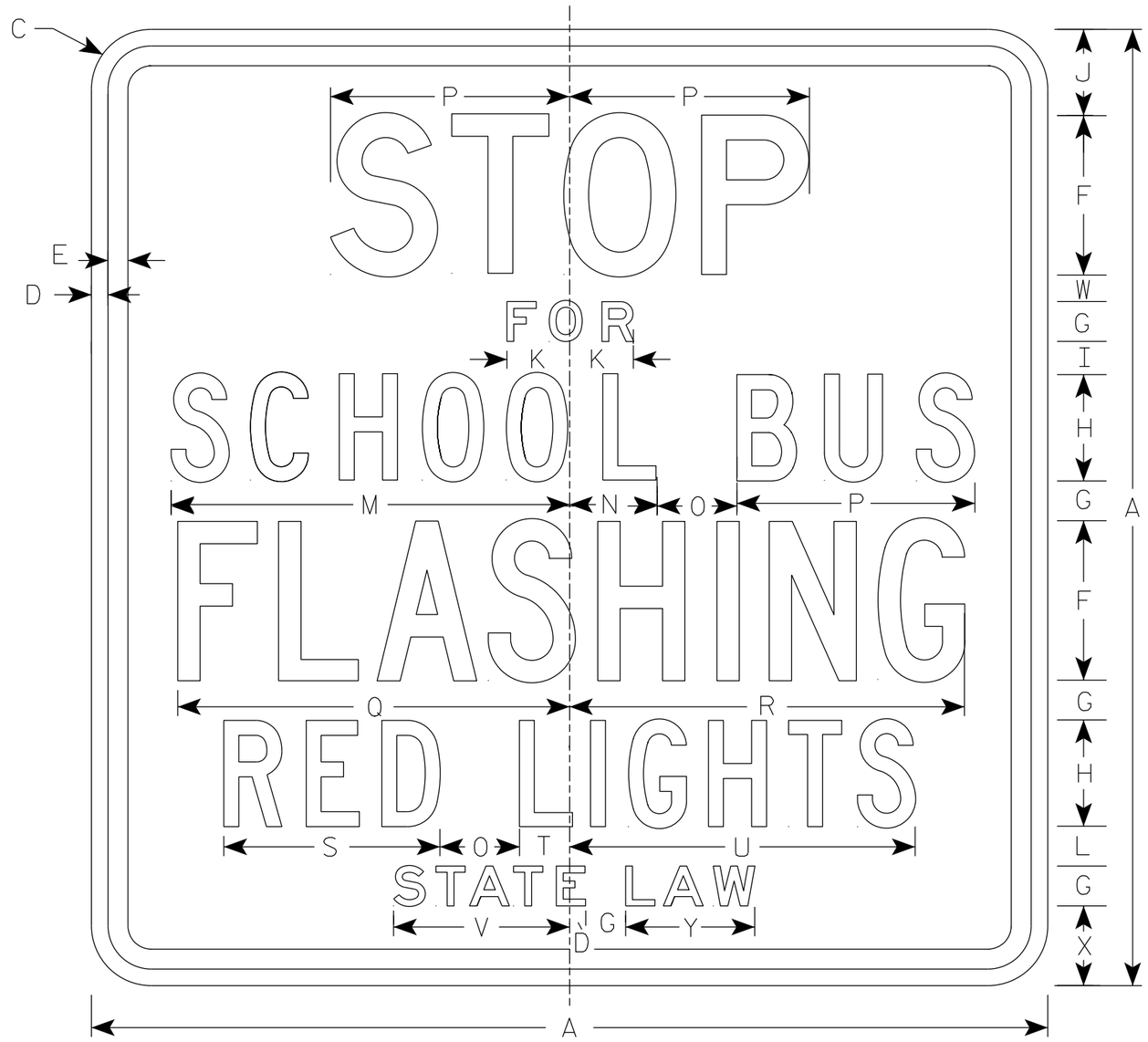
STANDARD SIGN
R14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/24 PLATE NO. R14-1.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 822 | E



R59-51

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series D
   Lines 2 & 6 are Series E
   Line 3, 4 & 5 are Series C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		2 1/4	5/8	3/4	6	1 1/2	4	1 1/4	3 1/4	2 3/8	1 1/2	15	3 1/4	3	9	14 3/4	14 7/8	8 1/8	1 7/8	13	6 5/8	1	3	4 7/8		9.0
2M	36		2 1/4	5/8	3/4	6	1 1/2	4	1 1/4	3 1/4	2 3/8	1 1/2	15	3 1/4	3	9	14 3/4	14 7/8	8 1/8	1 7/8	13	6 5/8	1	3	4 7/8		9.0
3	48		1 7/8	3/4	1	8	2	6	1 1/4	4 3/4	3 1/4	1 1/2	20 1/4	5	3 5/8	12	19 1/2	20	11 5/8	3 3/4	19	9 1/2	1	3 1/2	6 3/4		16.0
4	48		1 7/8	3/4	1	8	2	6	1 1/4	4 3/4	3 1/4	1 1/2	20 1/4	5	3 5/8	12	19 1/2	20	11 5/8	3 3/4	19	9 1/2	1	3 1/2	6 3/4		16.0
5																											

STANDARD SIGN
R59-51

WISCONSIN DEPT OF TRANSPORTATION

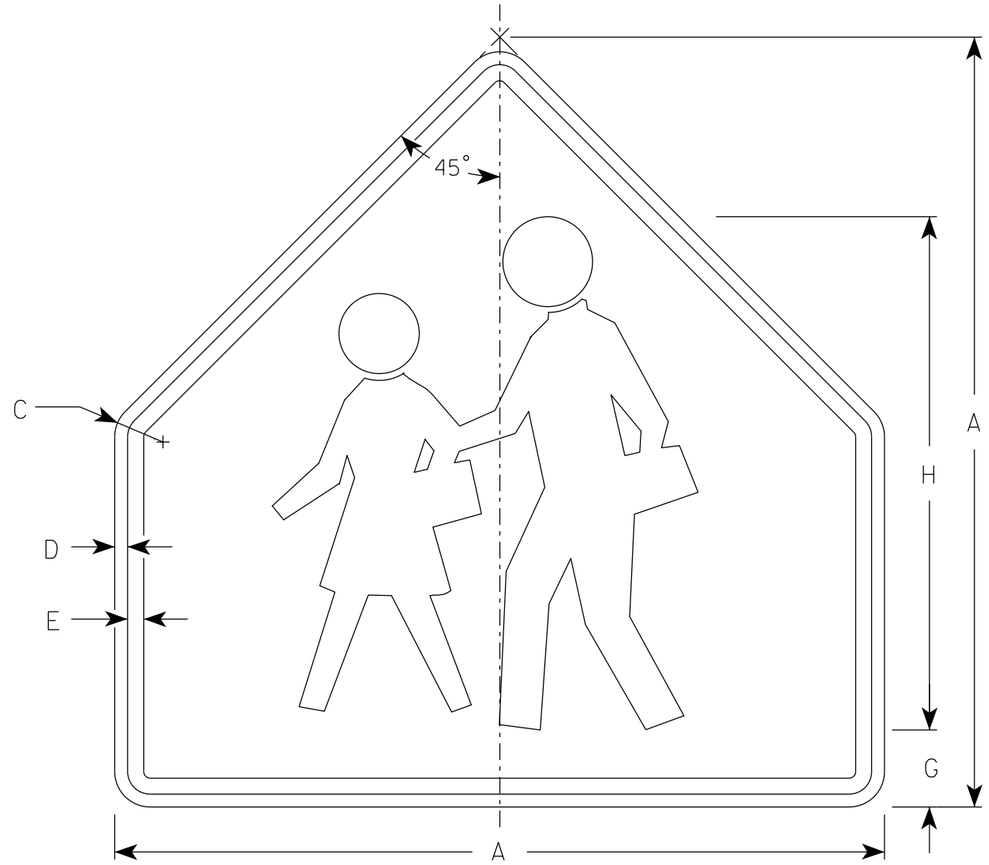
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/28/24 PLATE NO. R59-51.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 823 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black



S1-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3	20																			4.69
2S	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
2M	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		1 7/8	3/4	1		4 3/4	32																			12
5																											

STANDARD SIGN
S1-1

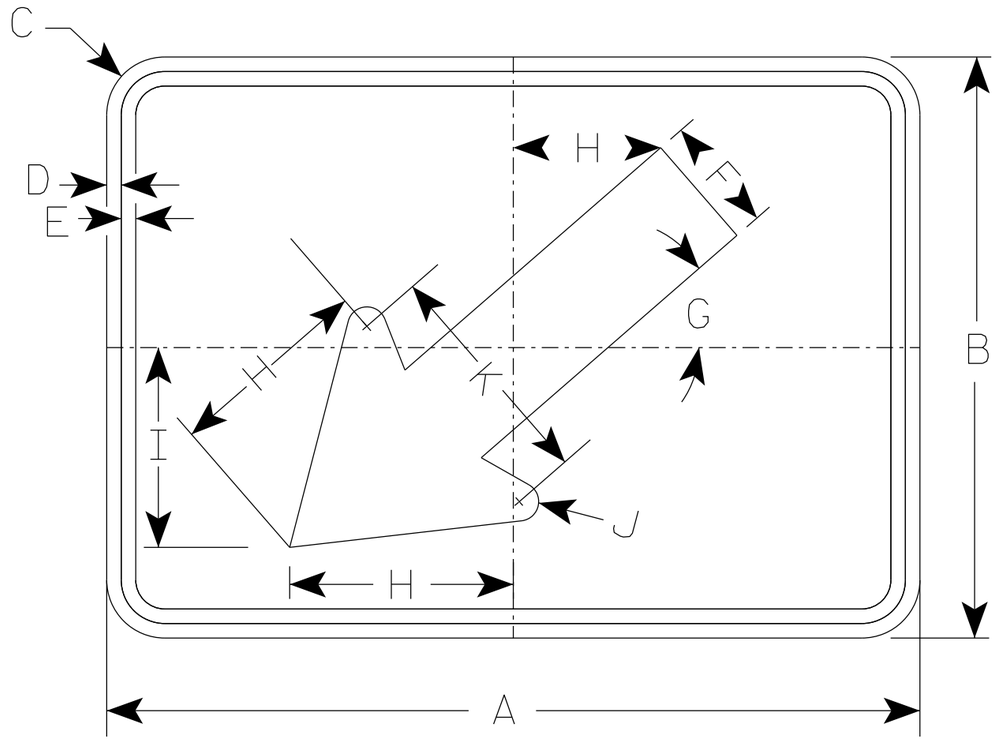
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/16/2023 PLATE NO. S1-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\S11.dgn PLOT DATE : 16-FEB 2023 2:35 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



S16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. S16-7R is the same as S16-7L
   except the arrow is reversed along the vertical centerline.

* For 36" x 36" Warning Signs, use 30" x 21" W16-7L signs.
* For 48" x 48" Warning Signs, use 42" x 24" W16-7L signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	21	15	1 1/2	3/8	3/8	3	41°	5 1/4	5 1/8	1/2	6																2.19
*	2M	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	3	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	4	42	24	1 7/8	1/2	5/8	6	41°	10 1/4	9 1/8	1	12																7.0
	5																											

STANDARD SIGN
S16-7

WISCONSIN DEPT OF TRANSPORTATION

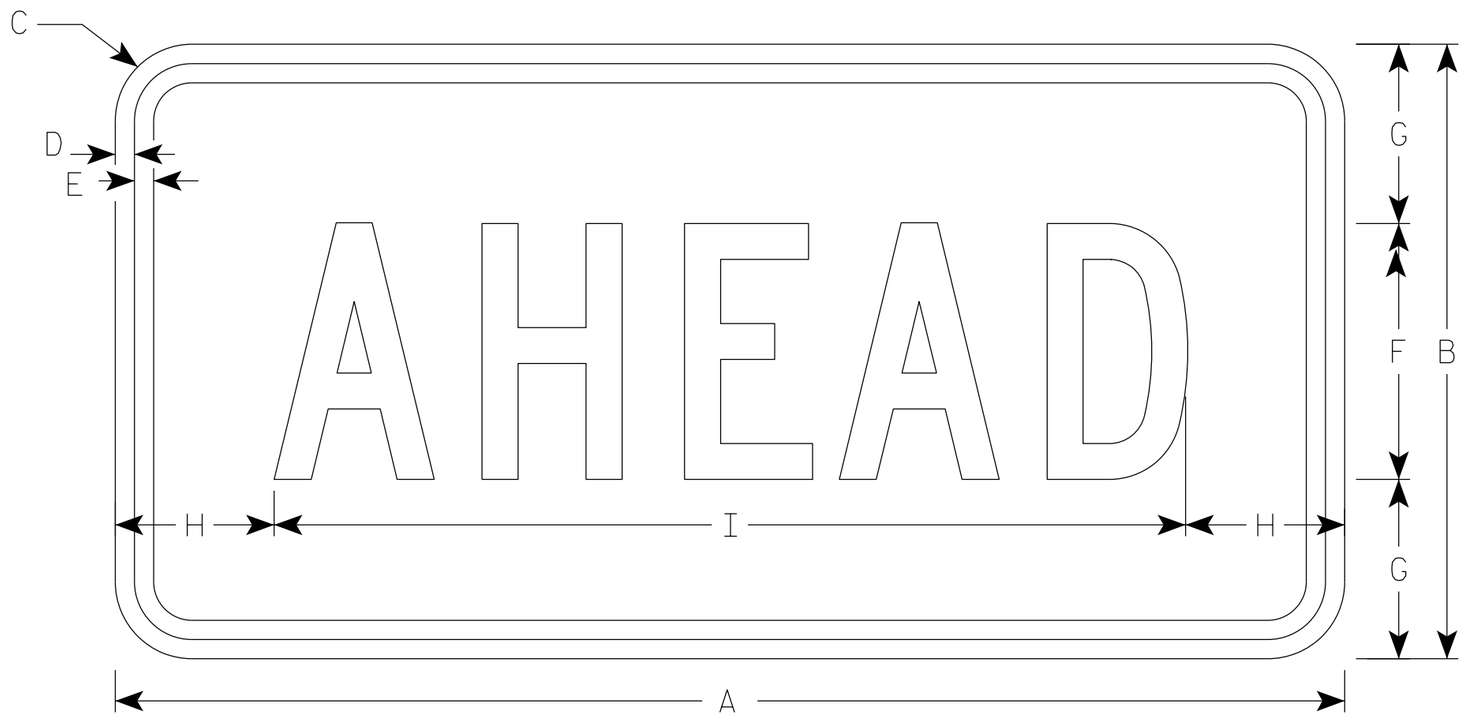
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/30/26 PLATE NO. S16-7.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 825	E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. Message Series - C



S16-9P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/2	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN
S16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

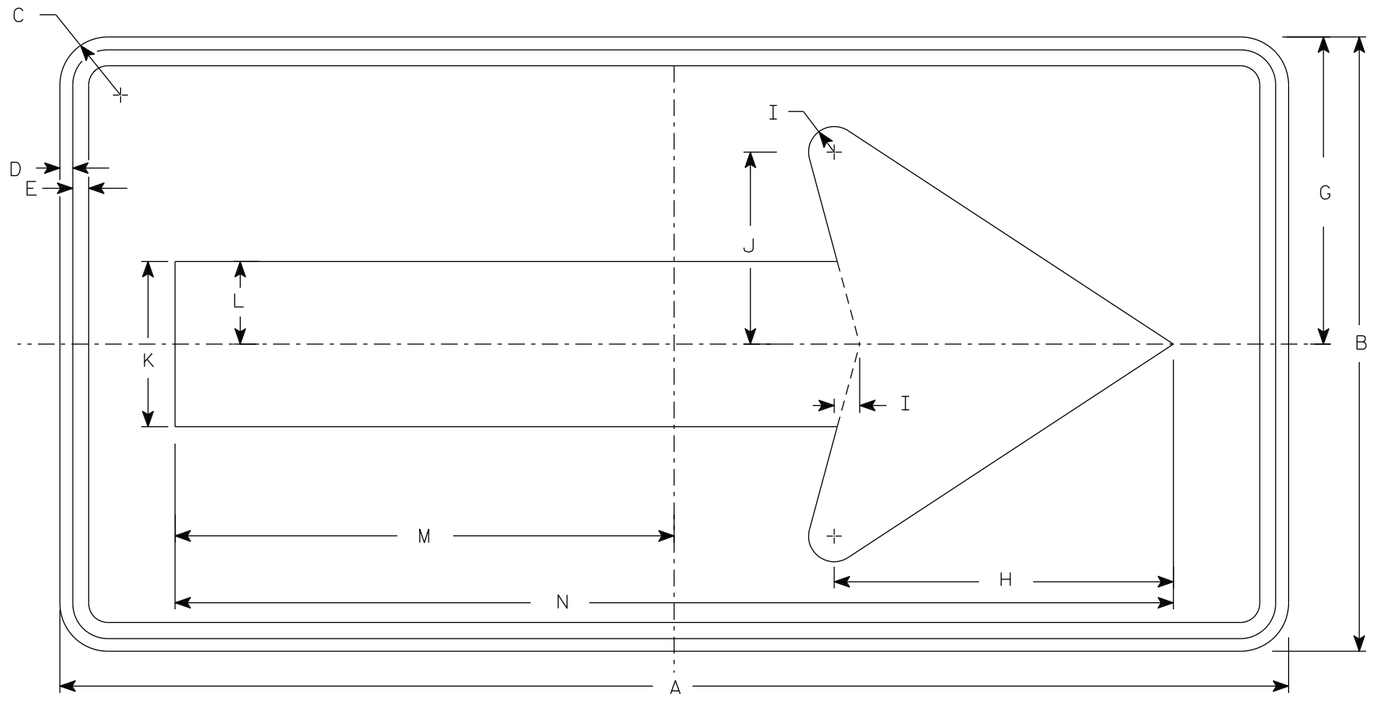
DATE 2/23/2023 PLATE NO. S16-9P.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\S169P.dgn PLOT DATE : 23-FEB 2023 10:32 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



W1-6

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	96	48	3	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

STANDARD SIGN

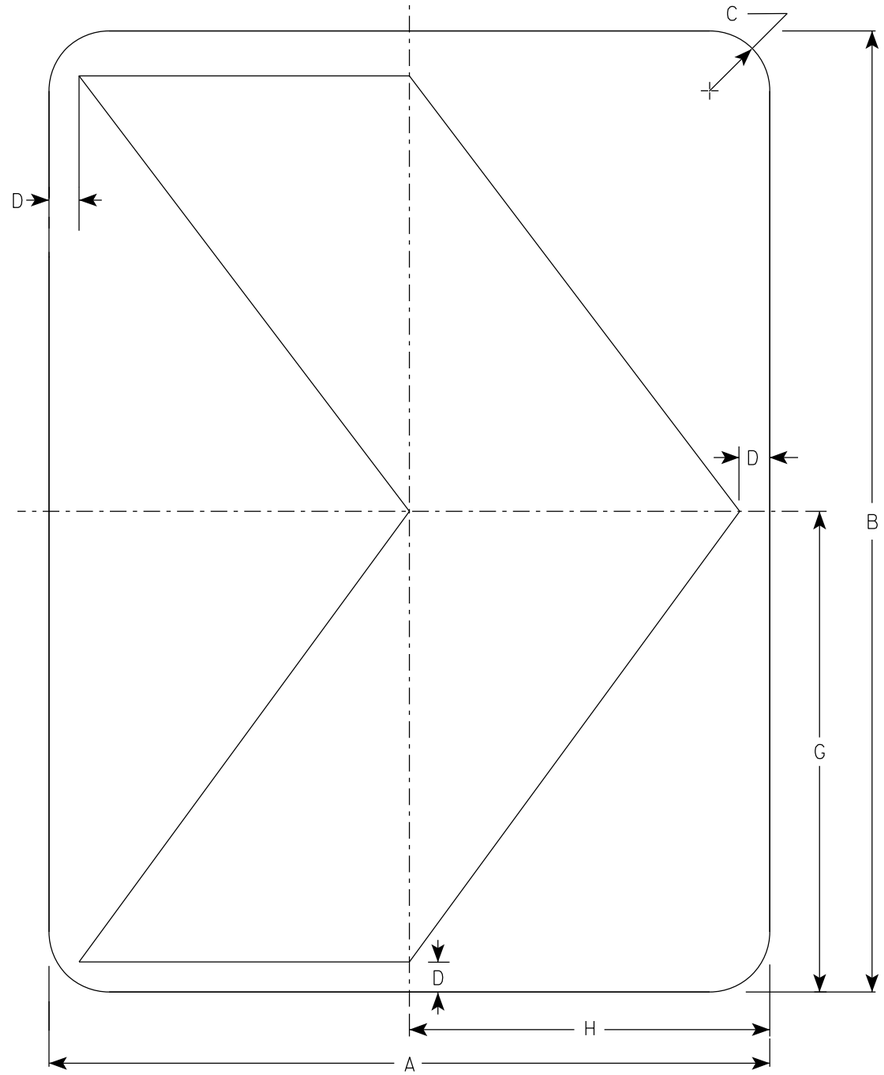
W1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/13/2023 PLATE NO. W1-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W1-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	½			9	6																			1.5
2S	18	24	1 ½	¾			12	9																			3.0
2M	18	24	1 ½	¾			12	9																			3.0
3	24	30	1 ½	1			15	12																			5.0
4	30	36	1 ⅞	1 ¼			18	15																			7.5
5	36	48	1 ⅞	1 ½			24	18																			12.0

STANDARD SIGN

W1-8

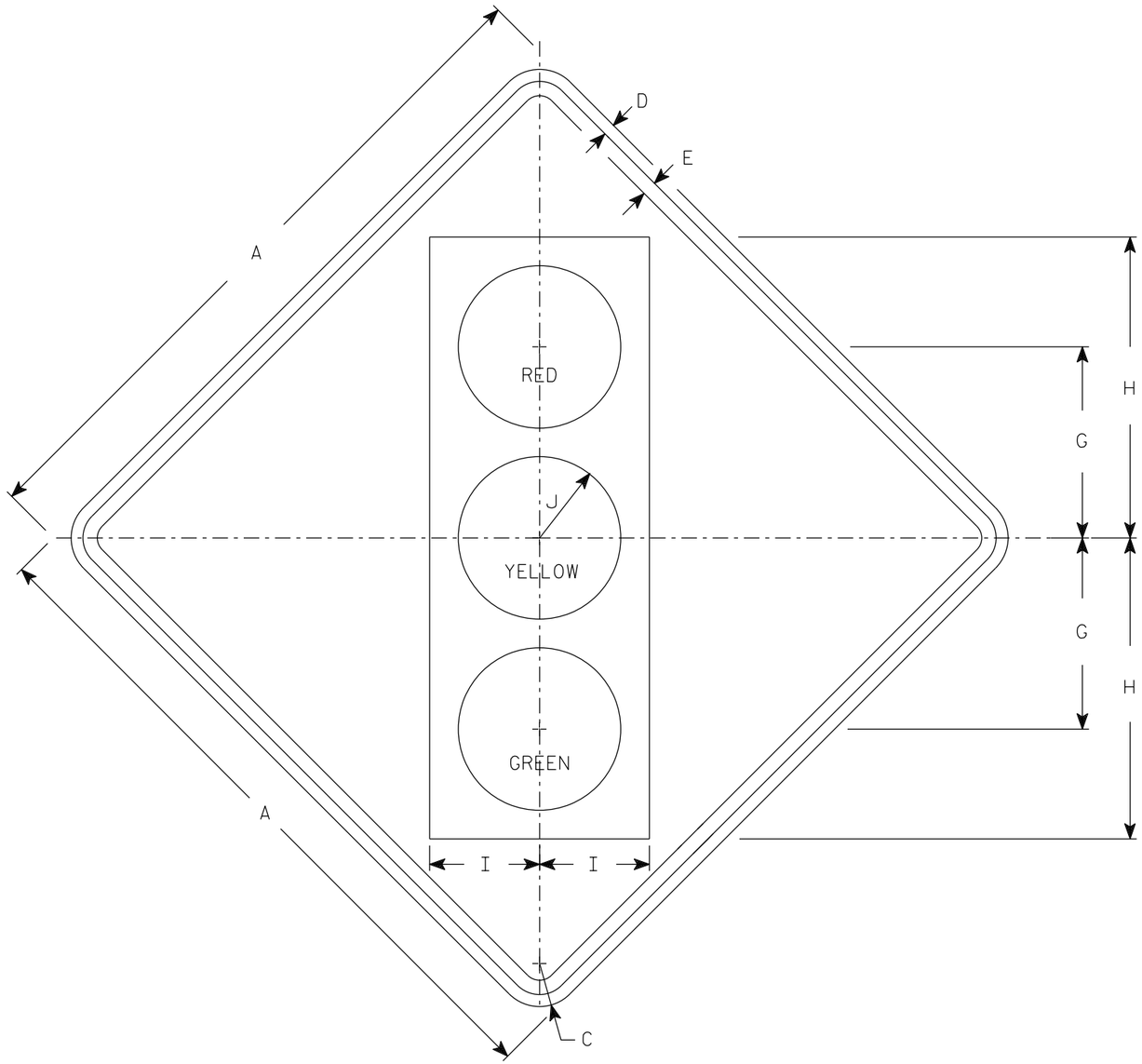
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/11/2023 PLATE NO. W1-8.7

PROJECT NO:

SHEET NO: 828 **E**



W3-3

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - See Note 3
3. Symbol and border are non-reflective black.
   Top circle - Type H Reflectorized Red
   Center circle - Same as background
   Bottom circle - Type H Reflectorized Green

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8		8 3/4	13 3/4	5	3 3/4																	6.25
2S	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
2M	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
3	36		2 1/4	5/8	3/4		10	15 3/4	5 3/4	4 1/4																	9.0
4	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0
5	48		3	3/4	1		12 1/2	20	7 1/2	5																	16.0

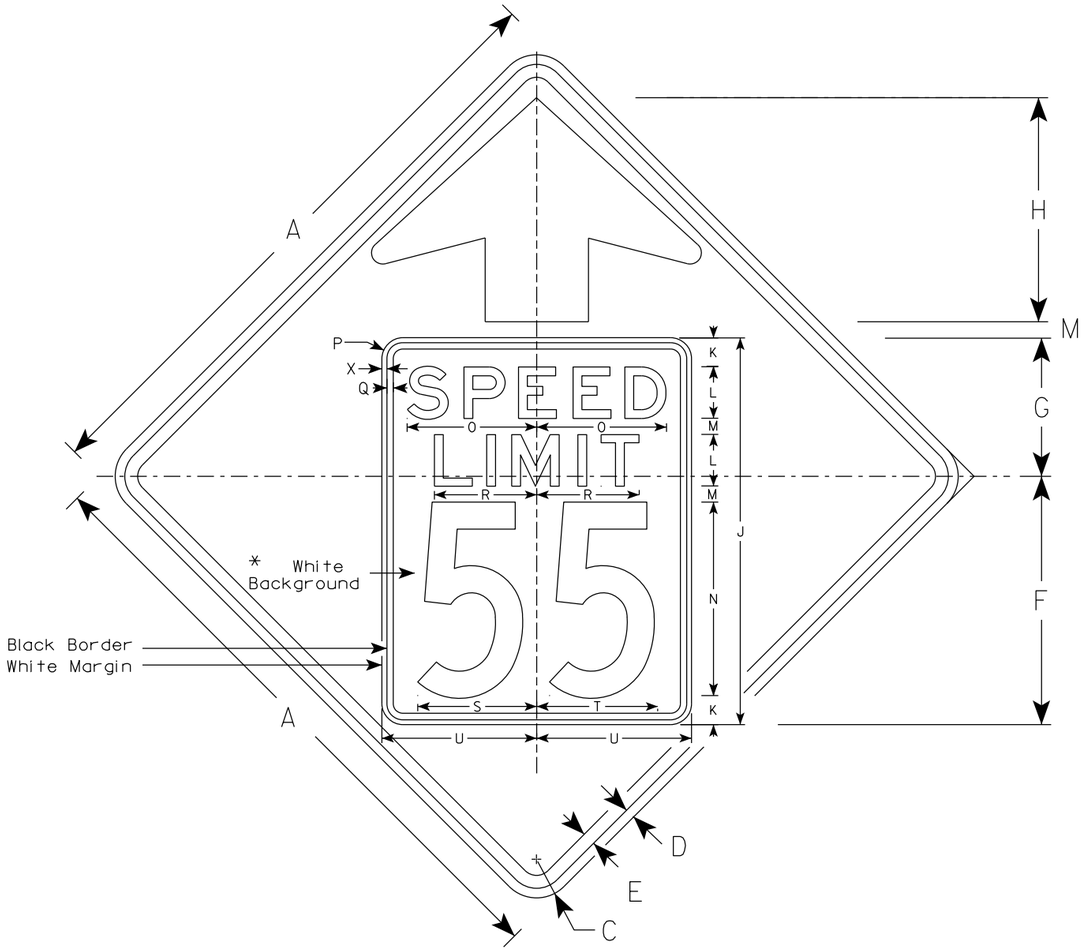
STANDARD SIGN
W3-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/2023 PLATE NO. W3-3.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 829	E

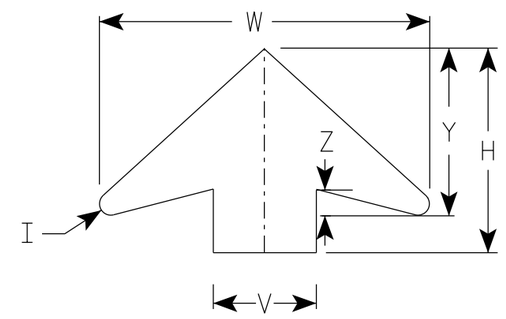


W3-5

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color: *
   Background - Yellow* (Type F Reflective)
   Message - Black
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background with black message (Type SH Reflective)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

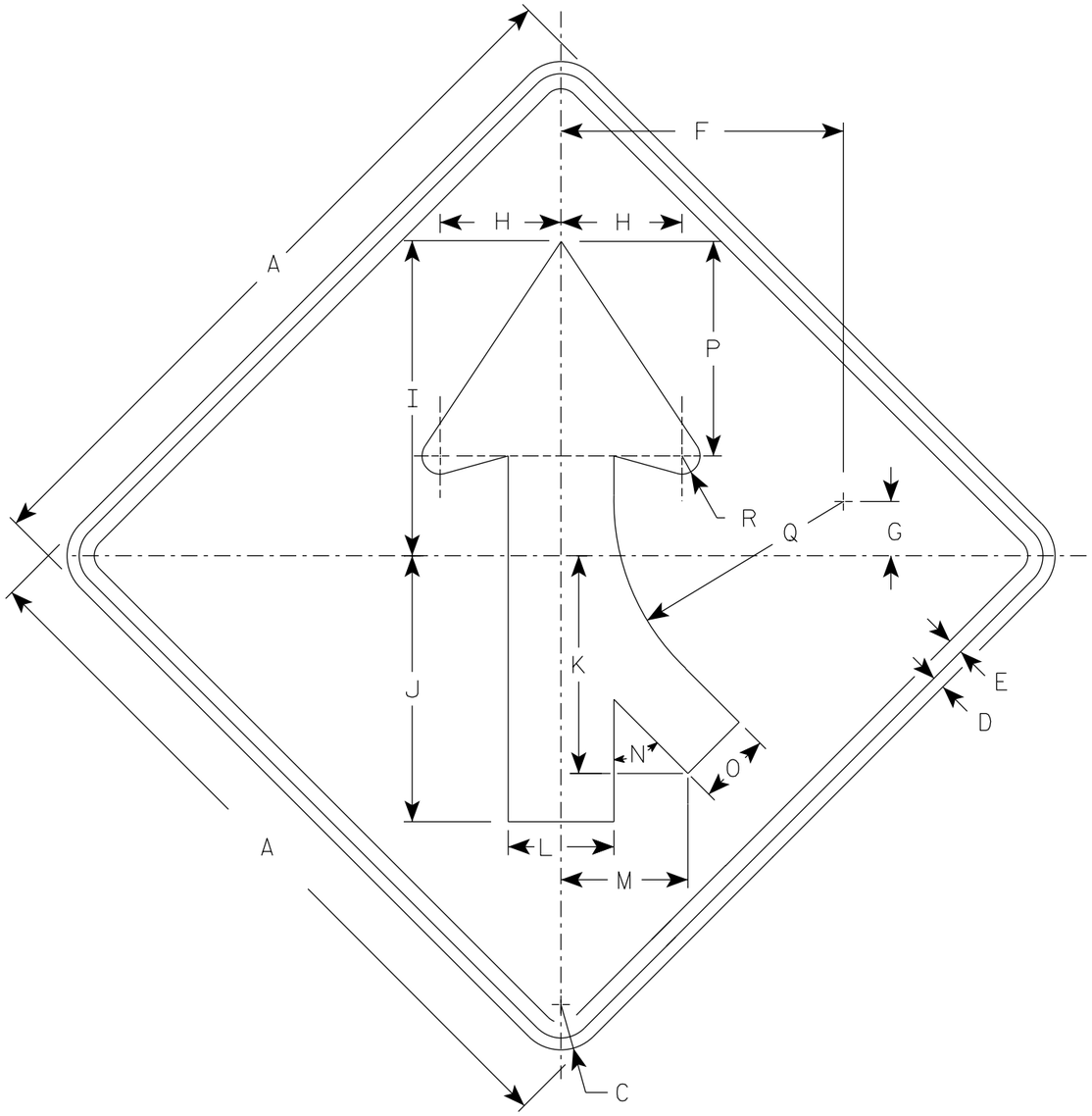
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/30/2023 PLATE NO. W3-5.7

PROJECT NO:

SHEET NO: 830 E



W4-1R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W4-1L is the same as W4-1R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	11 5/8	2 1/2	5	13	11	9	4 3/8	5 1/4	45°	3	8 7/8	9 1/2	3/4									6.25
2S	36		2 1/4	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
2M	36		2 1/4	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
3	36		2 1/4	5/8	3/4	14	2 3/4	6	15 3/4	13 1/4	10 1/4	5 1/4	6 3/8	45°	3 5/8	10 5/8	11 3/8	7/8									9.0
4	48		3	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0
5	48		3	3/4	1	18 3/4	3 5/8	8	20 1/2	17 1/2	14 3/8	7	8 3/8	45°	4 3/4	14 1/4	15 1/4	1 1/4									16.0

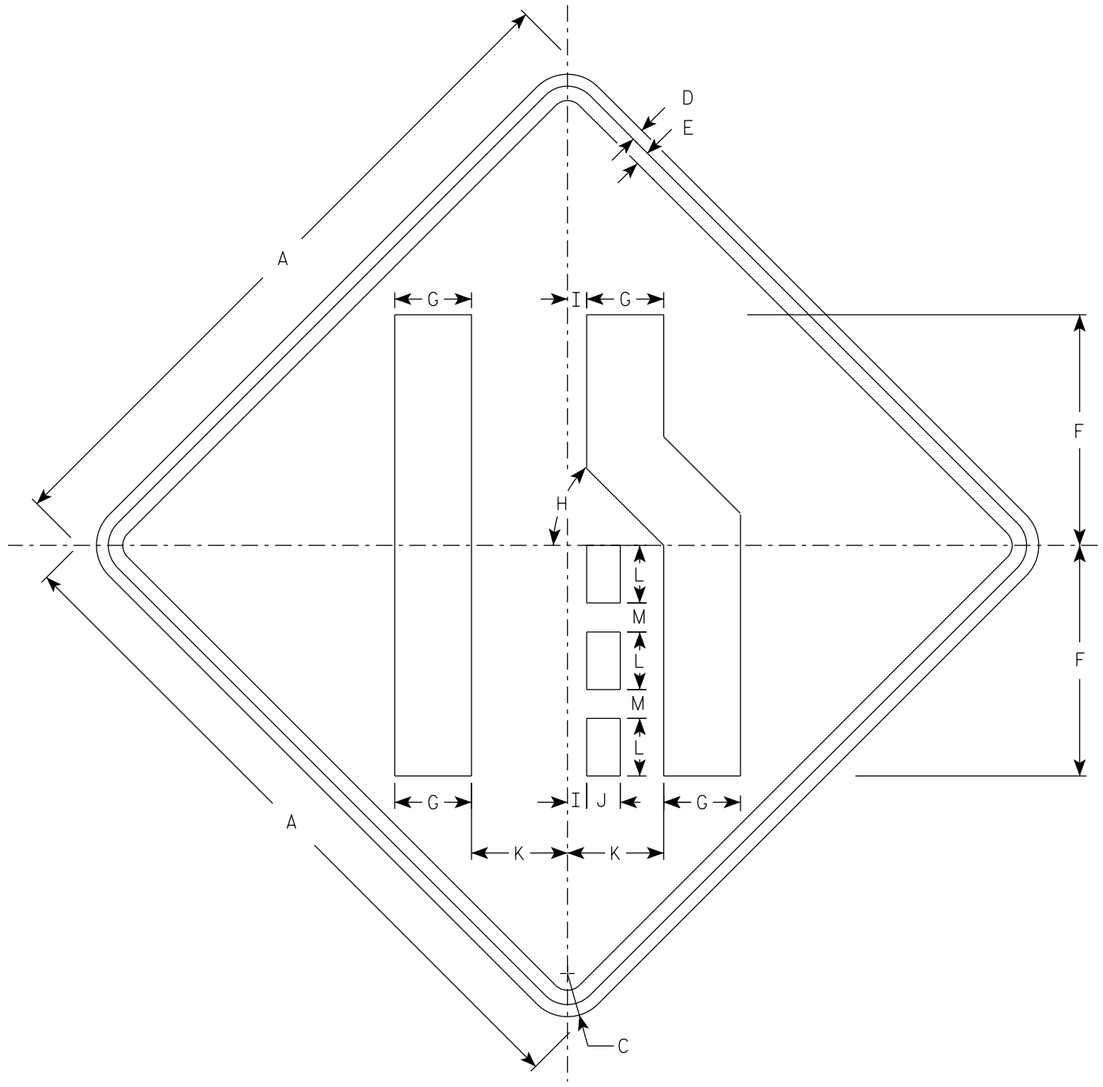
STANDARD SIGN
W4-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/31/2023 PLATE NO. W4-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 831 E



W4-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W4-2L is the same as W4-2R except the symbolis reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	10	3 3/8	45°	7/8	1 1/2	4 1/4	2 1/2	1 1/4														6.25
2S	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2M	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
3	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W4-2

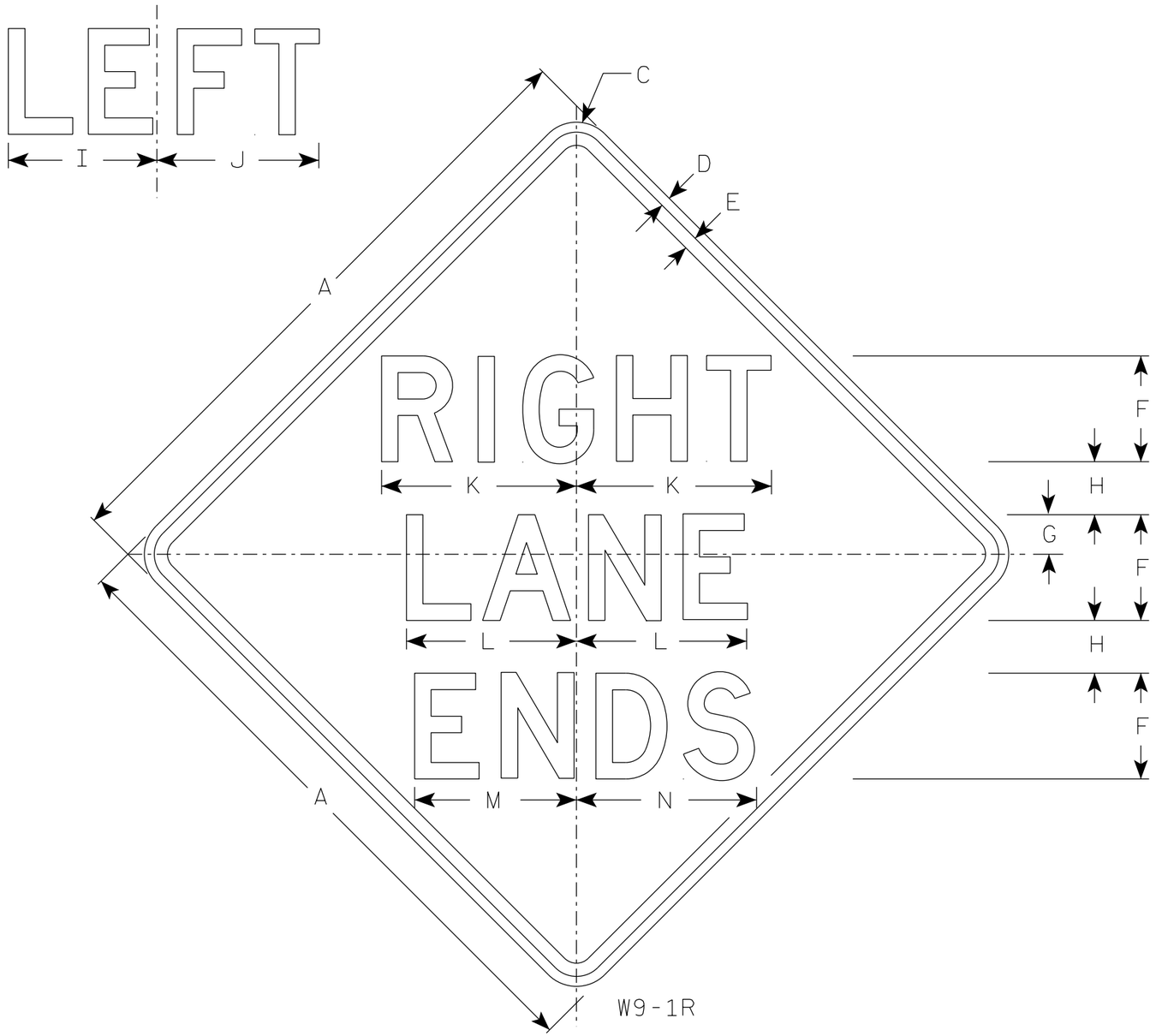
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/31/2023 PLATE NO. W4-2.15

PROJECT NO:

SHEET NO: E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D
4. W9-1L same as W9-1R except the word Left replaces Right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	5	1 1/2	2 1/2	7 1/8	7 5/8	9 1/4	8 1/8	7 5/8	8 5/8													6.25
2S	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
2M	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
3	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
4	36		2 1/4	5/8	3/4	6	2	3	8 1/2	9 1/8	11	9 3/4	9	10 3/8													9.0
5	48		3	3/4	1	8	3	4	11 1/4	12 1/4	14 3/4	12 7/8	12 1/4	13 5/8													16.0

STANDARD SIGN

W9-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/2023 PLATE NO. W9-1.9

PROJECT NO:

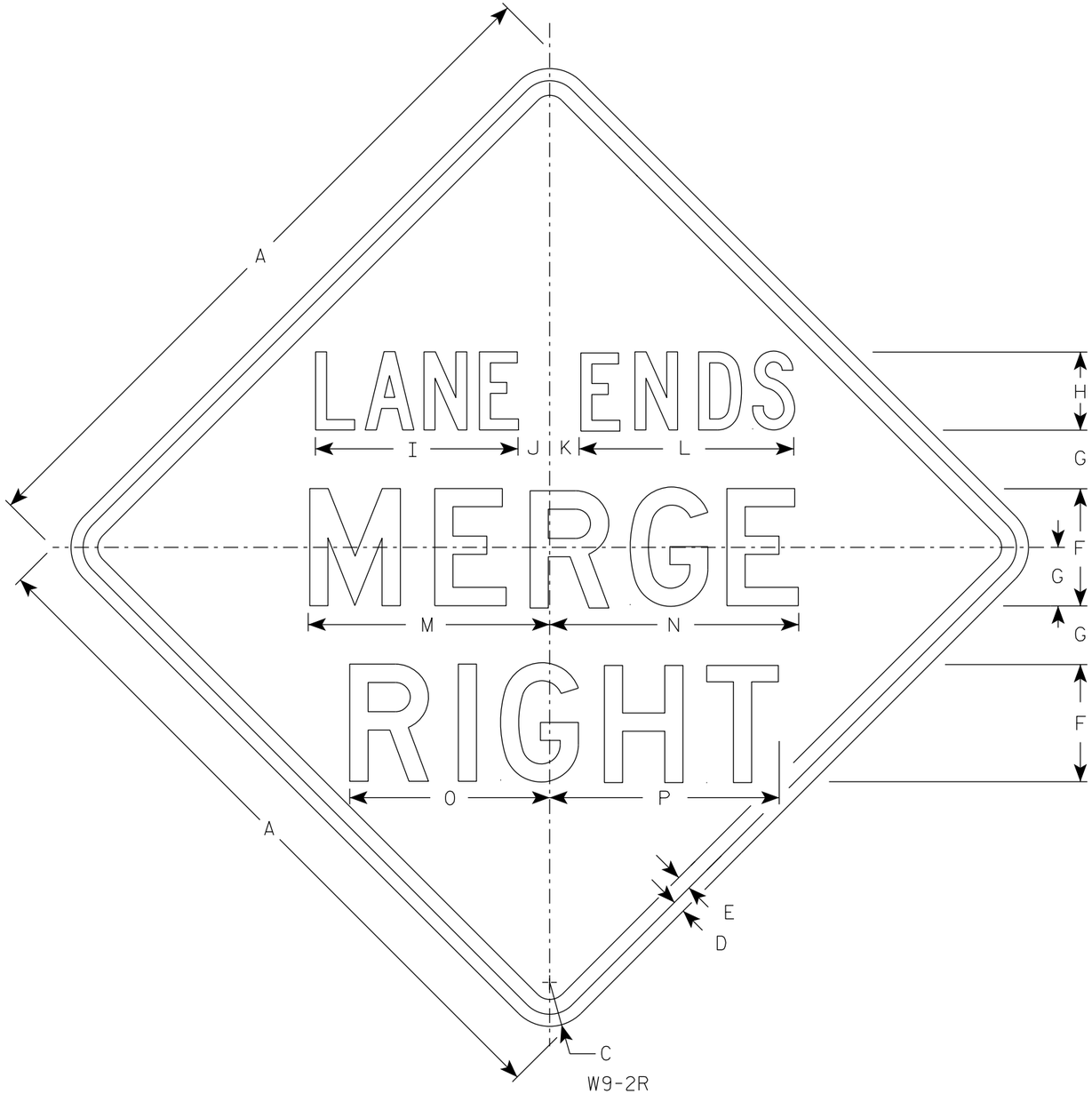
SHEET NO: 833 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W91.dgn PLOT DATE : 9-NOV 2023 1:03 PLOT BY : dotc4c

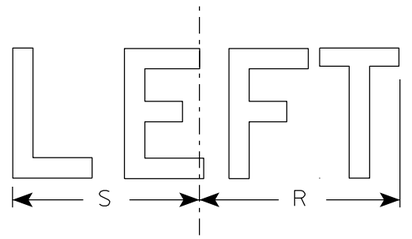
WISDOT/CADDS SHEET 42

7

7



W9-2R



W9-2L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See note 4
4. Line 1 is Series C, lines 2 & 3 are Series D.
5. W9-1L is the same as W9-2R except the word LEFT replaces RIGHT.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	5	2 1/2	3	8	1	1 1/8	8 1/4	10 3/8	10 5/8	8 5/8	9 7/8		7 5/8	7 1/8								6.25
2S	36		2 1/4	5/8	3/4	6	3	4	10 3/8	1 5/8	1 1/2	11	12 3/8	12 3/4	10 1/4	11 3/4		9 1/8	8 1/2								9.0
2M	36		2 1/4	5/8	3/4	6	3	4	10 3/8	1 5/8	1 1/2	11	12 3/8	12 3/4	10 1/4	11 3/4		9 1/8	8 1/2								9.0
3	36		2 1/4	5/8	3/4	6	3	4	10 3/8	1 5/8	1 1/2	11	12 3/8	12 3/4	10 1/4	11 3/4		9 1/8	8 1/2								9.0
4	48		3	3/4	1	8	4	6	14 1/2	2	3 1/4	13 3/4	16 3/8	17 1/8	13 3/4	15 3/4		12 1/4	11 1/4								16.0
5	48		3	3/4	1	8	4	6	14 1/2	2	3 1/4	13 3/4	16 3/8	17 1/8	13 3/4	15 3/4		12 1/4	11 1/4								16.0

STANDARD SIGN

W9-2

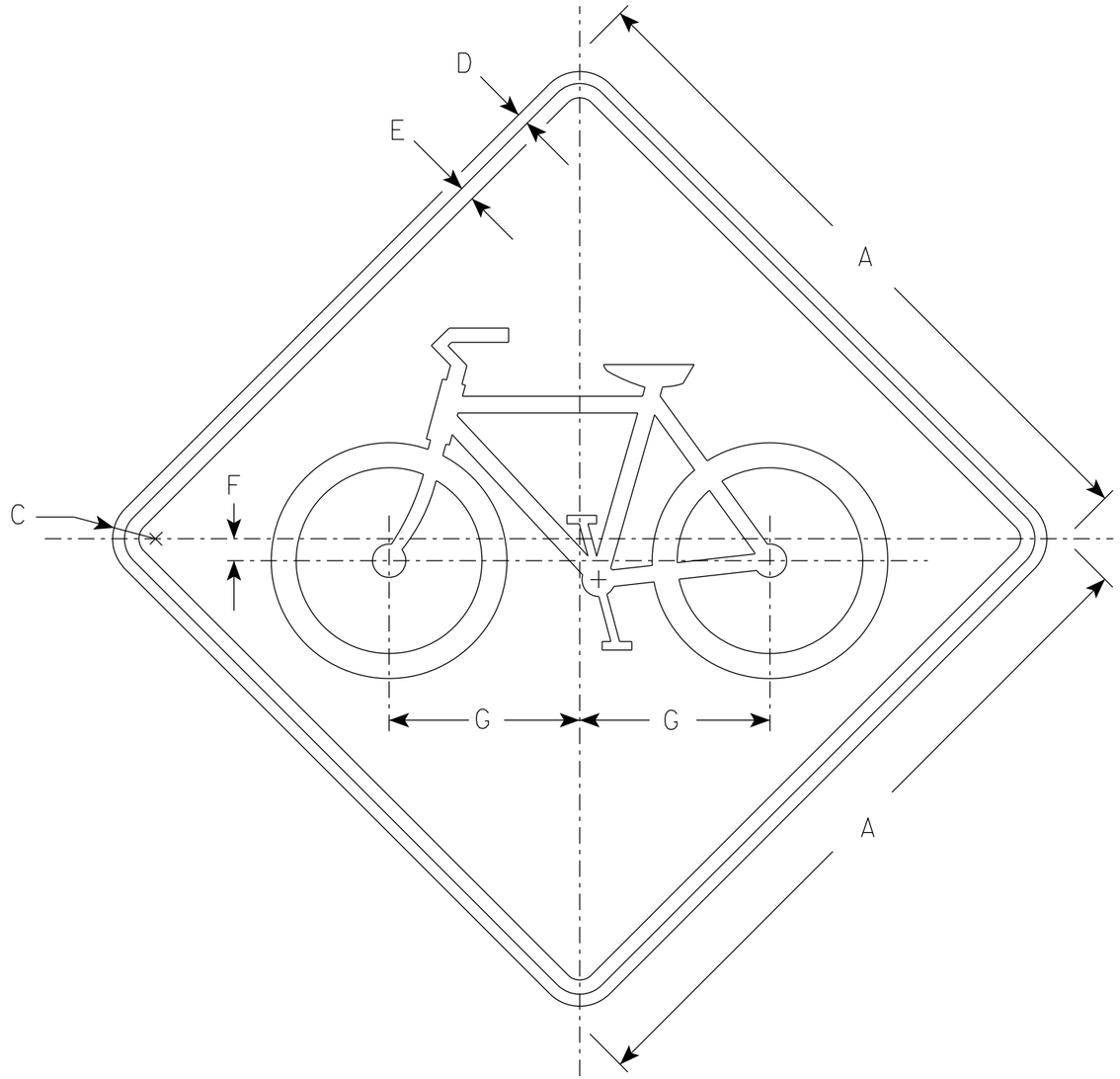
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/9/2023 PLATE NO. W9-2.11

PROJECT NO:

SHEET NO: 834 E



W11-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/4	1/2	3/4	6 5/8																				4.0
2S	30		1 7/8	1/2	5/8	1	8 1/2																				6.25
2M	36		2 1/4	5/8	3/4	1 1/4	10																				9.0
3	36		2 1/4	5/8	3/4	1 1/4	10																				9.0
4	48		3	3/4	1	1 5/8	13 3/8																				16.0
5	48		3	3/4	1	1 5/8	13 3/8																				16.0

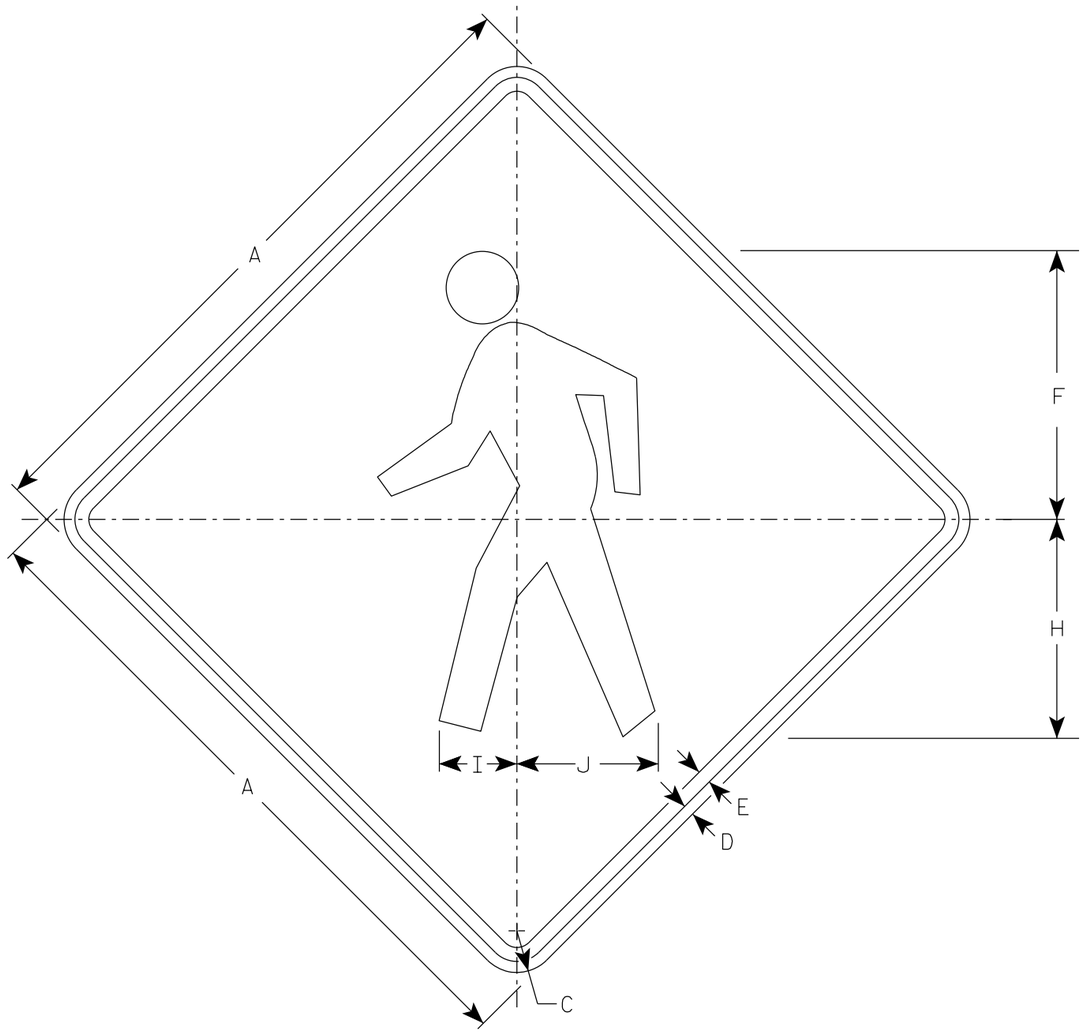
STANDARD SIGN
W11-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/15/2023 PLATE NO. W11-1.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 835 E



W11-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 7/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

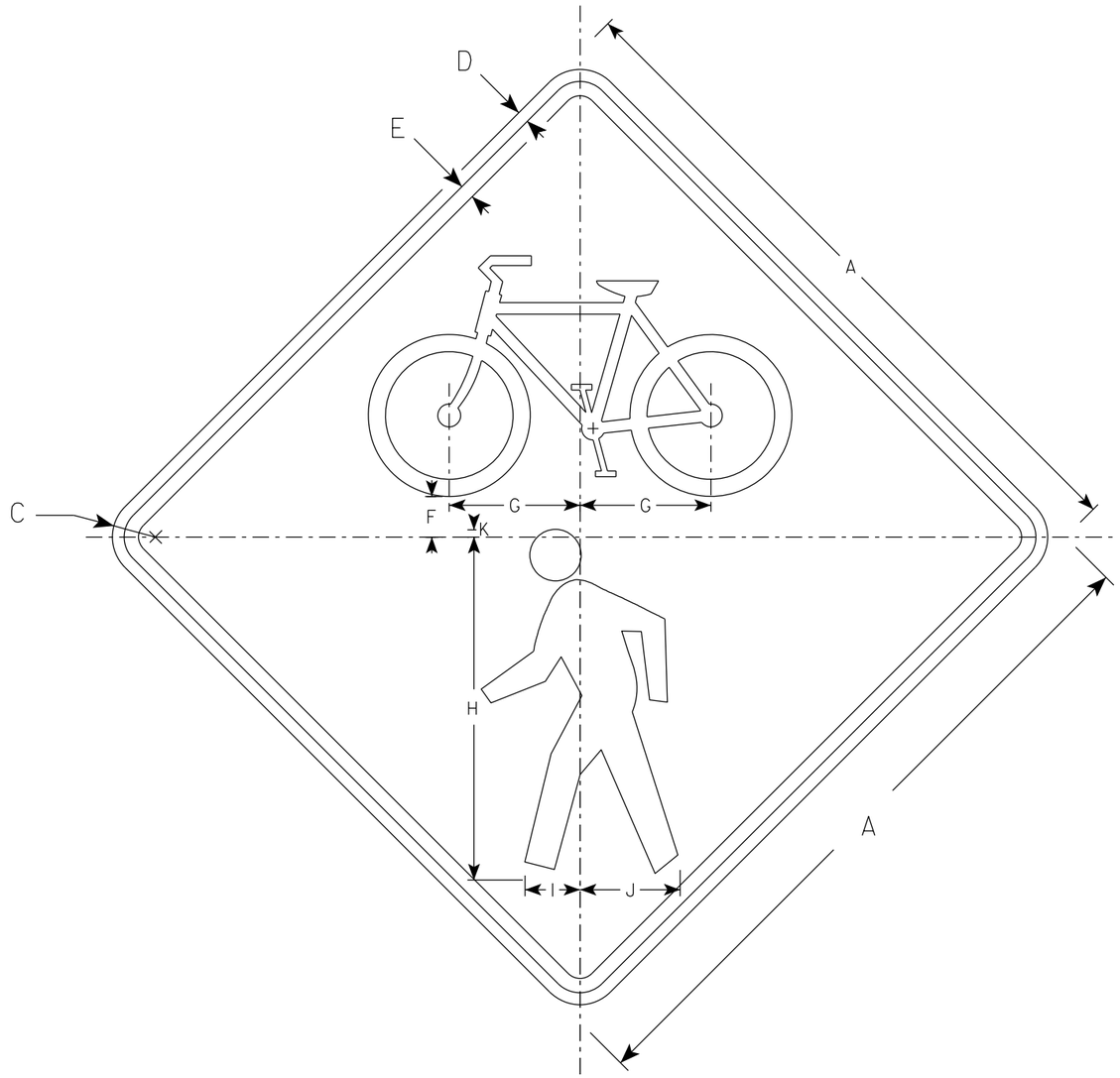
STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 6/15/2023 PLATE NO. W11-2.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 836 E



W11-15

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	1 3/8	4 5/8	12	1 7/8	3 1/2	1/4																4.0
2S	30		1 7/8	1/2	5/8	1 3/4	5 3/4	15	2 3/8	4 3/8	3/8																6.25
2M	36		2 1/4	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																9.0
3	36		2 1/4	5/8	3/4	2 1/8	6 7/8	18	2 7/8	5 1/4	3/8																9.0
4	48		3	3/4	1	2 7/8	9 1/8	24	3 7/8	7	1/2																16.0
5																											

STANDARD SIGN
W11-15

WISCONSIN DEPT OF TRANSPORTATION

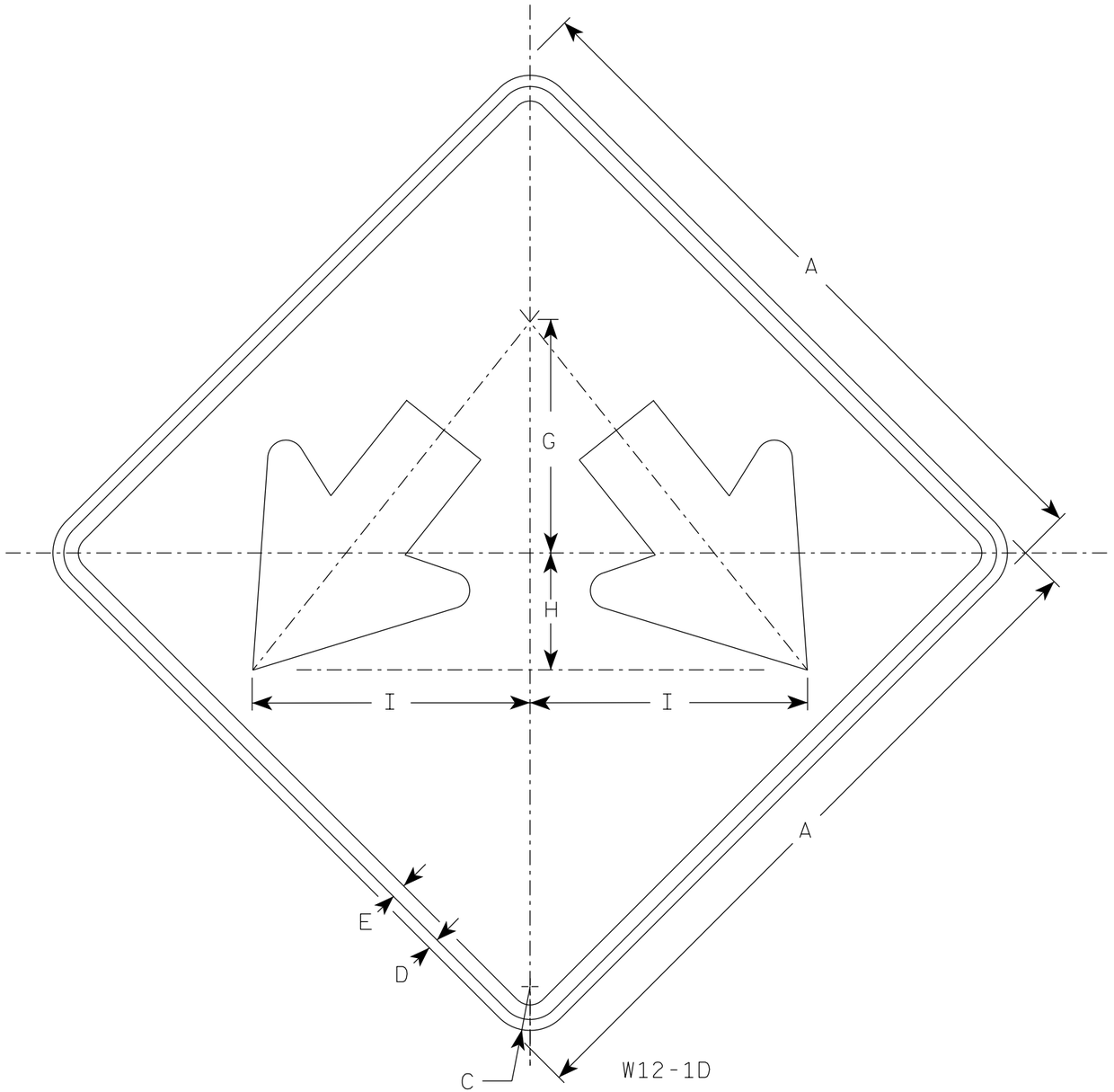
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/21/2023 PLATE NO. W11-15.5

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 837 E

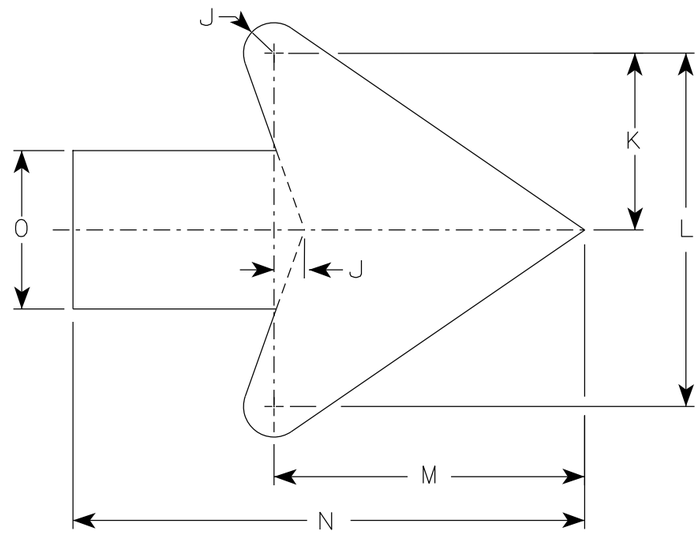
7

7



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1																											
2S	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
2M	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
3	30		1 ⅞	½	⅝		10	5	11 ⅞	¾	4 ½	9	7 ⅞	13	4												6.25
4	36		2 ¼	½	⅝		12	6	14 ¼	1	5 ½	10 ⅞	9 ⅝	15 ¾	4 ¾												9.0
5	48		3	¾	1		16	8	19	1 ¼	7 ¼	14 ½	12 ¾	21	6 ¼												16.0

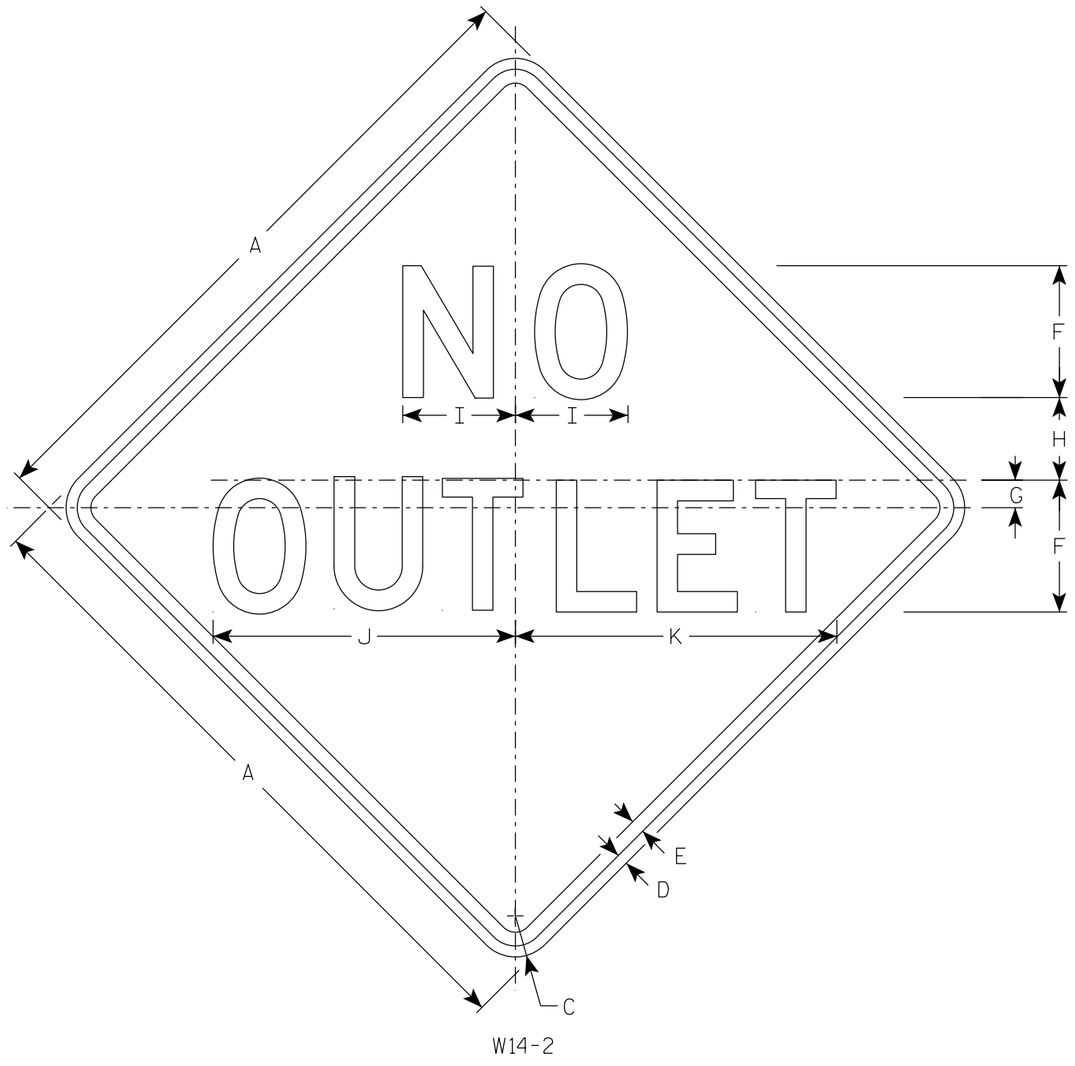
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/30/2023 PLATE NO. W12-1D.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 838	E



W14-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	5	1	2 3/4	4 1/8	11 3/4	12 3/8																4.0
2S	30		1 7/8	1/2	5/8	6	1 1/4	3 3/4	5 1/8	13 3/4	14 5/8																6.25
2M	30		1 7/8	1/2	5/8	6	1 1/4	3 3/4	5 1/8	13 3/4	14 5/8																6.25
3	36		2 1/4	5/8	3/4	7	1 3/8	4 5/8	6	16 1/8	17 1/8																9.0
4																											
5																											

STANDARD SIGN
W14-2

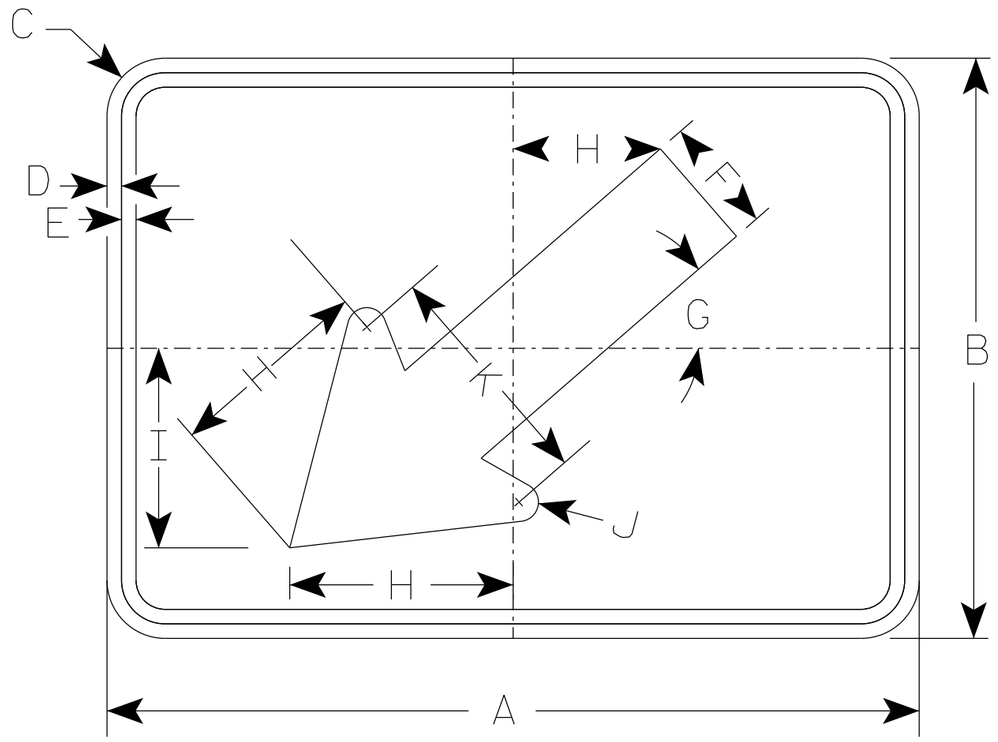
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/8/2024 PLATE NO. W14-2.4

PROJECT NO:

SHEET NO: 839 E



W16-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W16-7R is the same as W16-7L except the arrow is reversed along the vertical centerline.

* For 36" x 36" Warning Signs, use 30" x 21" W16-7L signs.
* For 48" x 48" Warning Signs, use 42" x 24" W16-7L signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	21	15	1 1/2	3/8	3/8	3	41°	5 1/4	5 1/8	1/2	6																2.19
*	2M	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	3	30	21	1 1/2	3/8	1/2	4 1/2	41°	8 5/8	7 3/4	5/8	9 1/4																4.38
*	4	42	24	1 7/8	1/2	5/8	6	41°	10 1/4	9 1/8	1	12																7.0
	5																											

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

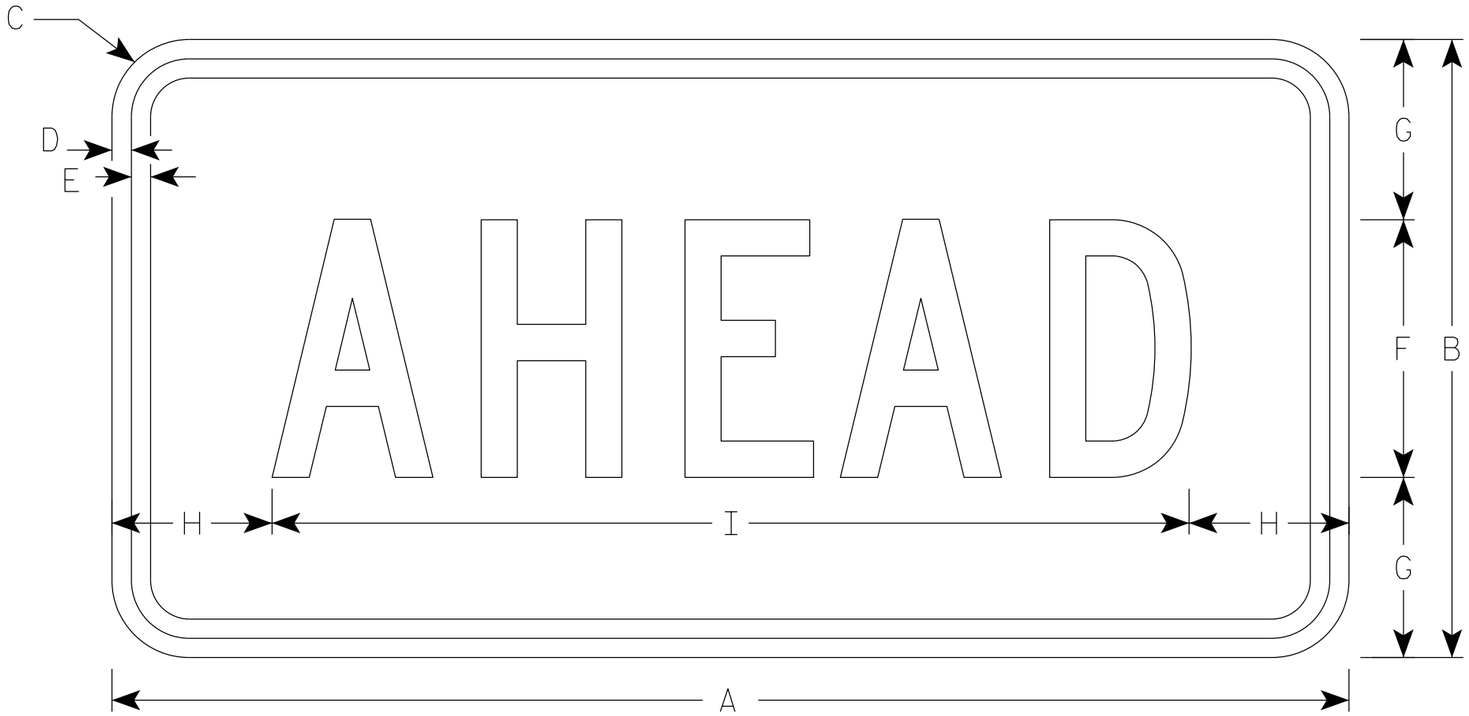
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/29/26 PLATE NO. W16-7.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 840 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



W16-9P

* For 36" x 36" Warning Signs, use 30" x 18" W16-9P signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-9P signs.

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1																											
	2S	24	12	1 1/2	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
*	2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
*	3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
*	4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
	5																											

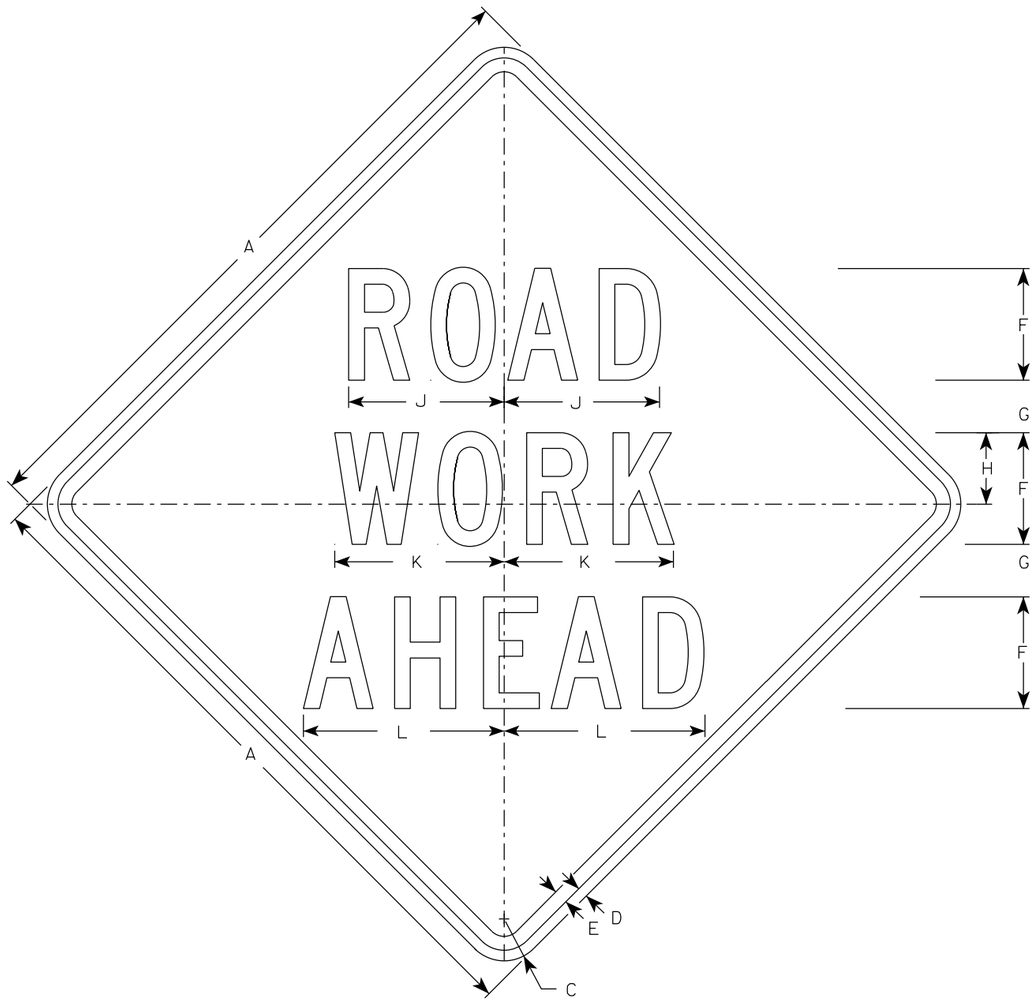
STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

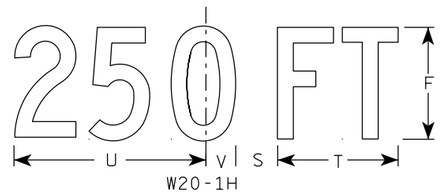
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/9/2024 PLATE NO. W16-9P.9

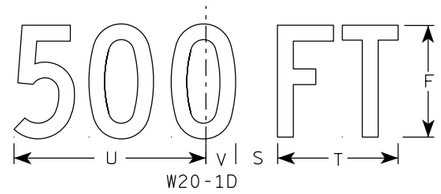
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 841 E



W20-1A



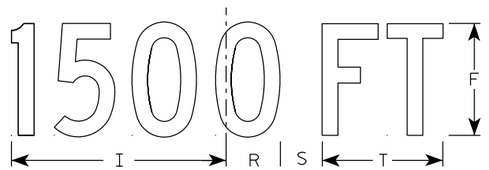
W20-1H



W20-1D



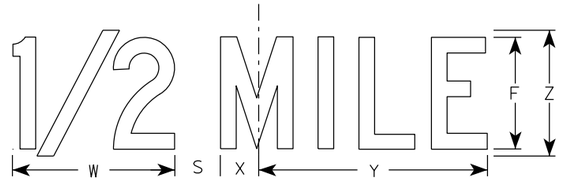
W20-1C



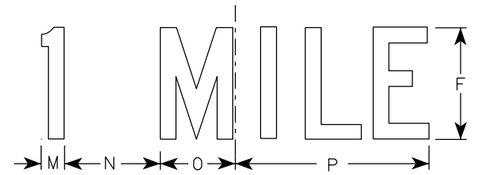
W20-1B

NOTES

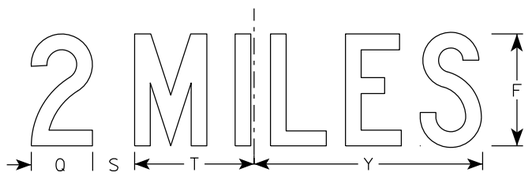
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

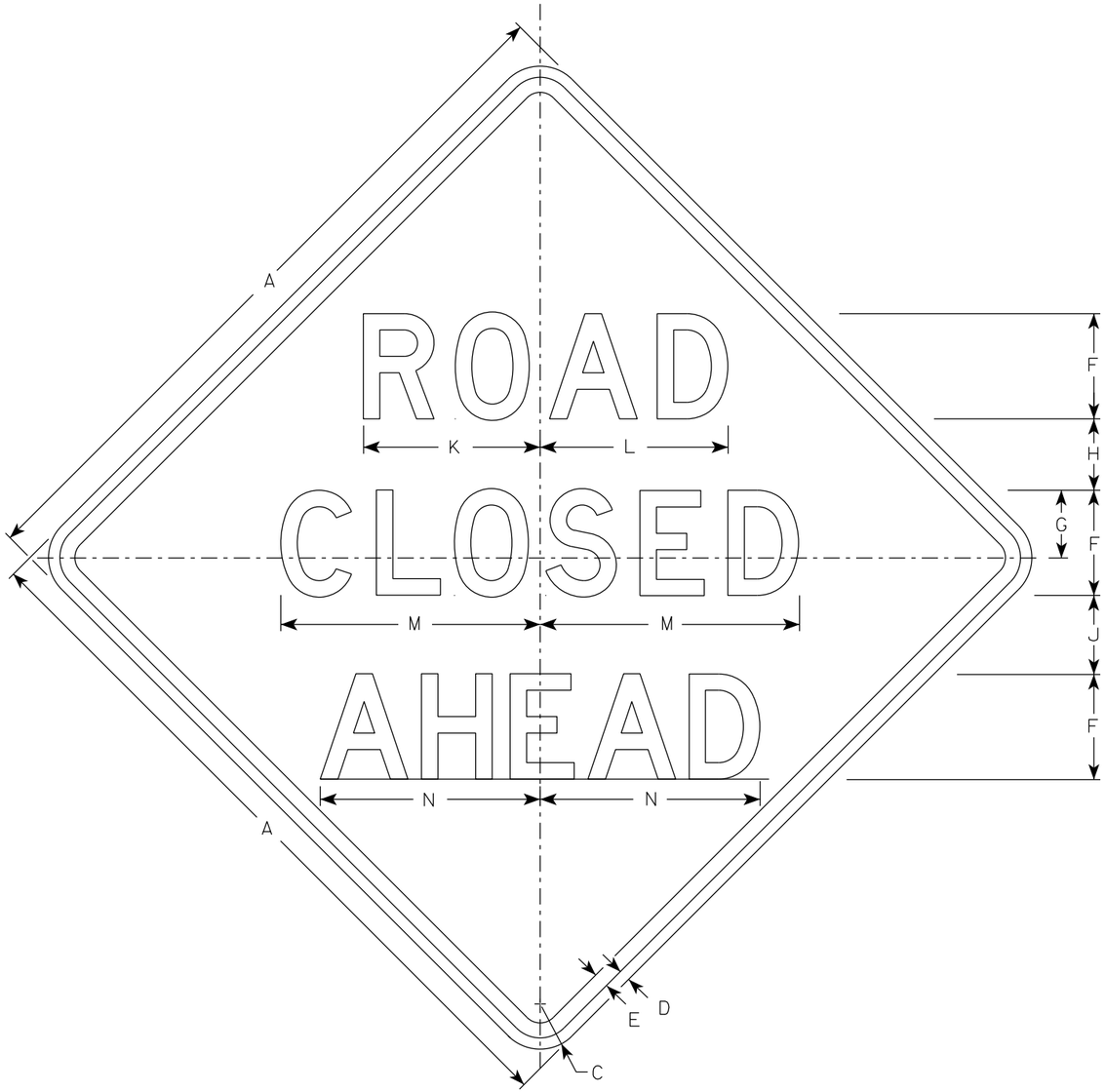
SHEET NO: 842 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 10-JAN 2024 11:16 PLOT BY : dotc4c

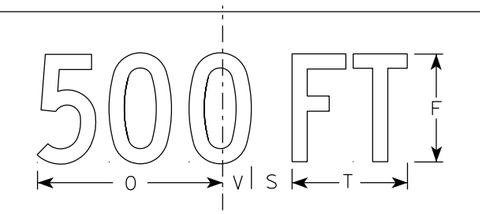
WISDOT/CADDS SHEET 42

7

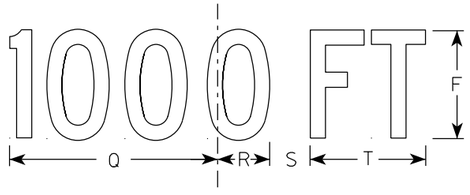
7



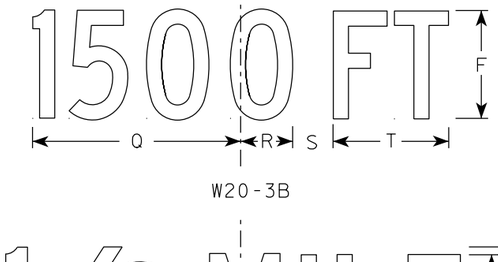
W20-3A



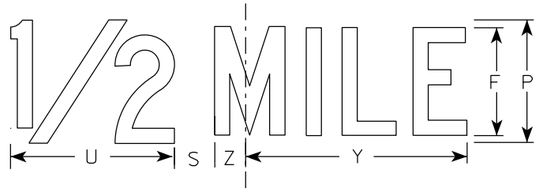
W20-3D



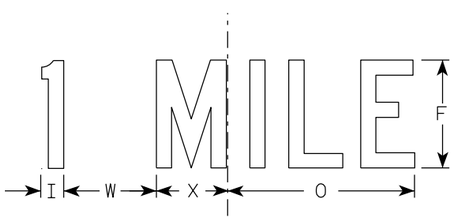
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

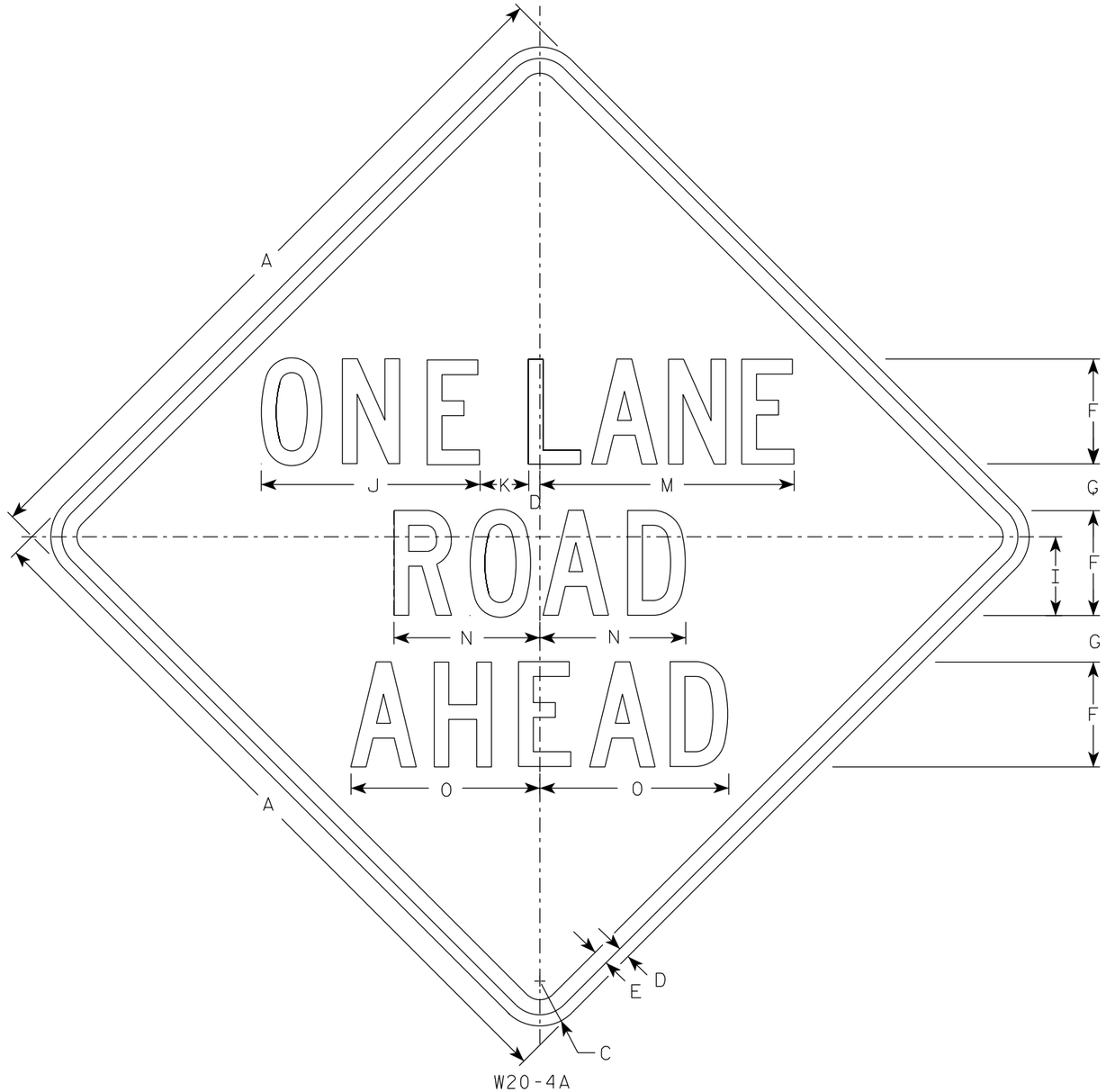
APPROVED Matthew R Rauch
for State Traffic Engineer

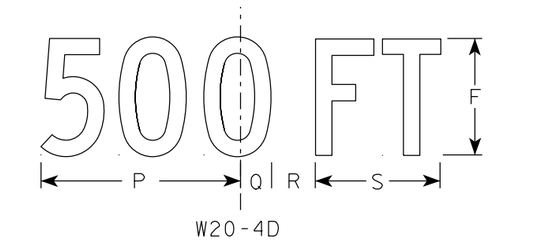
DATE 1/10/2024 PLATE NO. W20-3.8

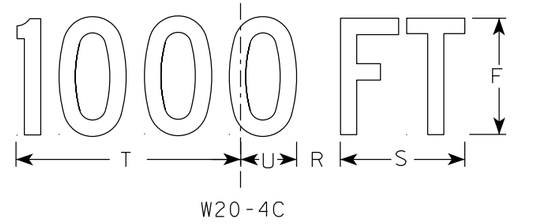
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

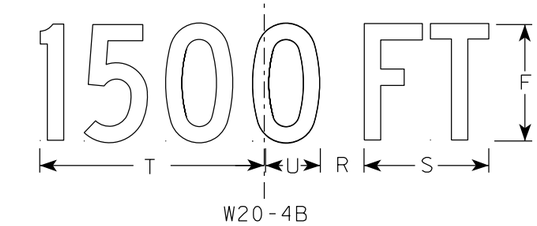
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

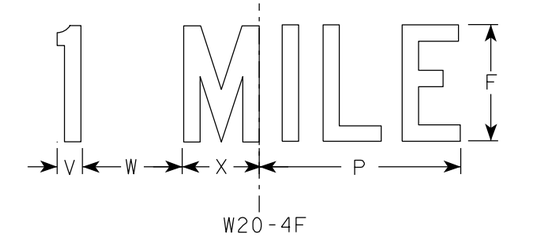












NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 3/8	6	3 3/4	10 3/8	2 3/8	8	13 1/2	7	8 7/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	3 1/8	8	5 1/4	14 5/8	3 1/4	10 5/8	17 3/4	9 3/4	12 5/8	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-4A, B, C, D, F & G

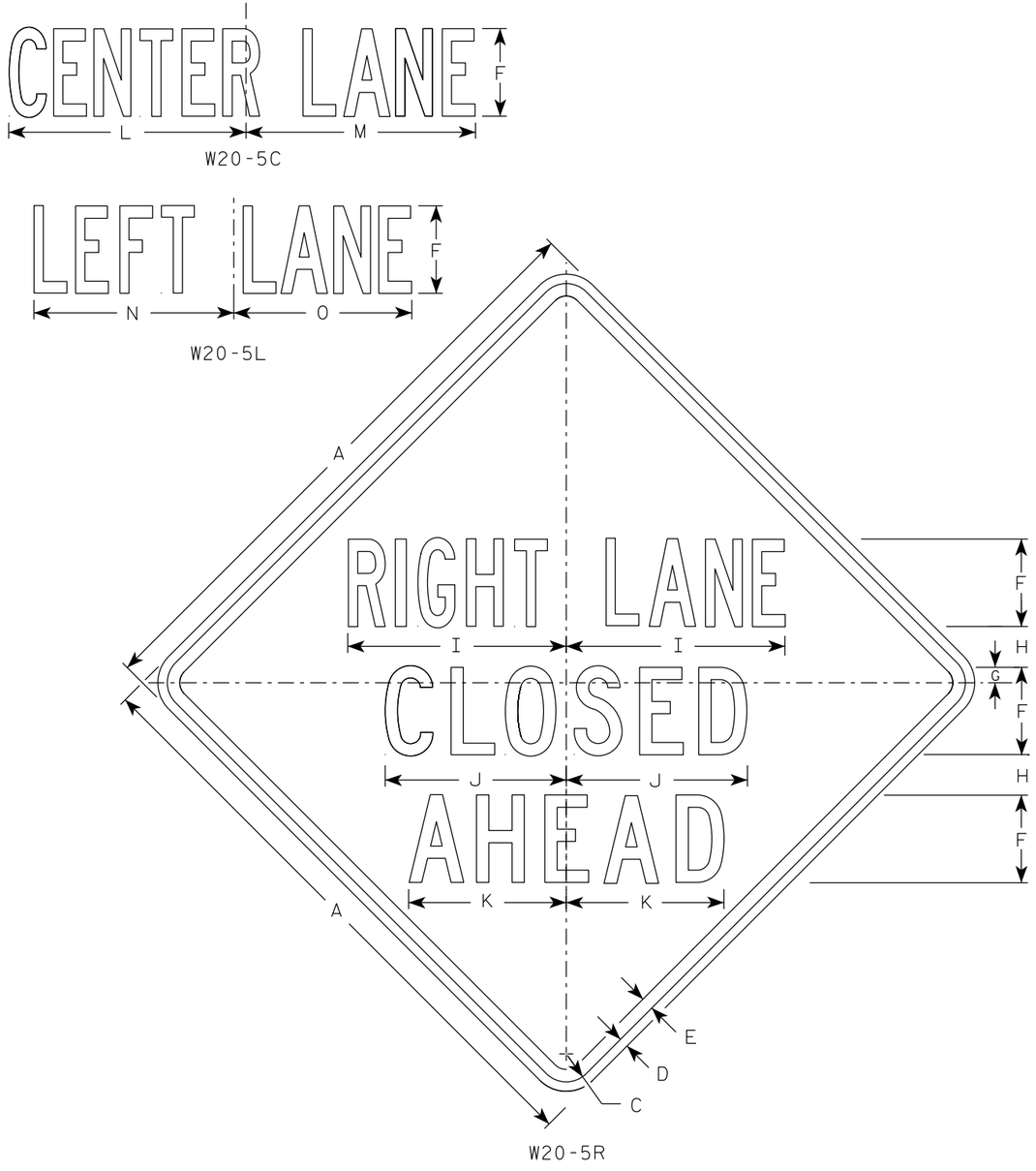
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

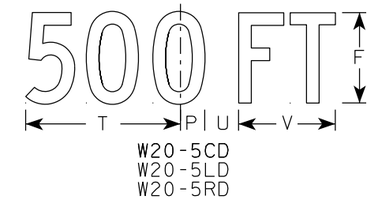
DATE 1/10/2024 PLATE NO. W20-4.10

PROJECT NO:

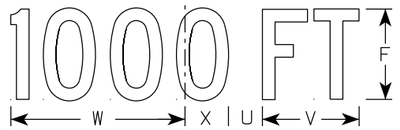
SHEET NO: 844 E



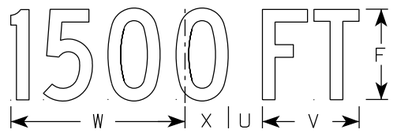
W20-5R



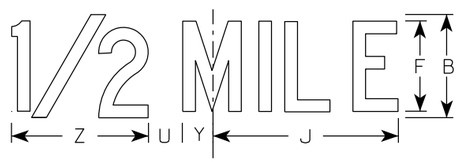
W20-5CD
W20-5LD
W20-5RD



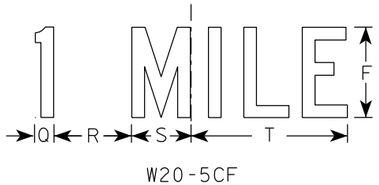
W20-5CE
W20-5LE
W20-5RE



W20-5CB
W20-5LB
W20-5RB



W20-5CG
W20-5LG
W20-5RG



W20-5CF
W20-5LF
W20-5RF

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. " _____ LANE" is Series B.
   All other copy is Series C.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	6	2 1/4	5/8	3/4	5	7/8	2 1/2	13 1/8	10 3/4	9 1/2	14 1/4	13 5/8	12	12	1 3/8	1 1/8	4 1/2	3 1/2	9	1 7/8	5 5/8	10 1/8	2 1/2	1 3/4	8	9.0
2S	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
2M	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
3	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
4	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0
5	48	8	3	3/4	1	7	1 1/4	3 1/4	17 1/2	14 3/8	12 5/8	19	18 3/8	16	14 1/4	1 7/8	1 1/2	6	4 5/8	12	2 5/8	7 1/2	13 1/2	3 3/8	2 3/8	10 5/8	16.0

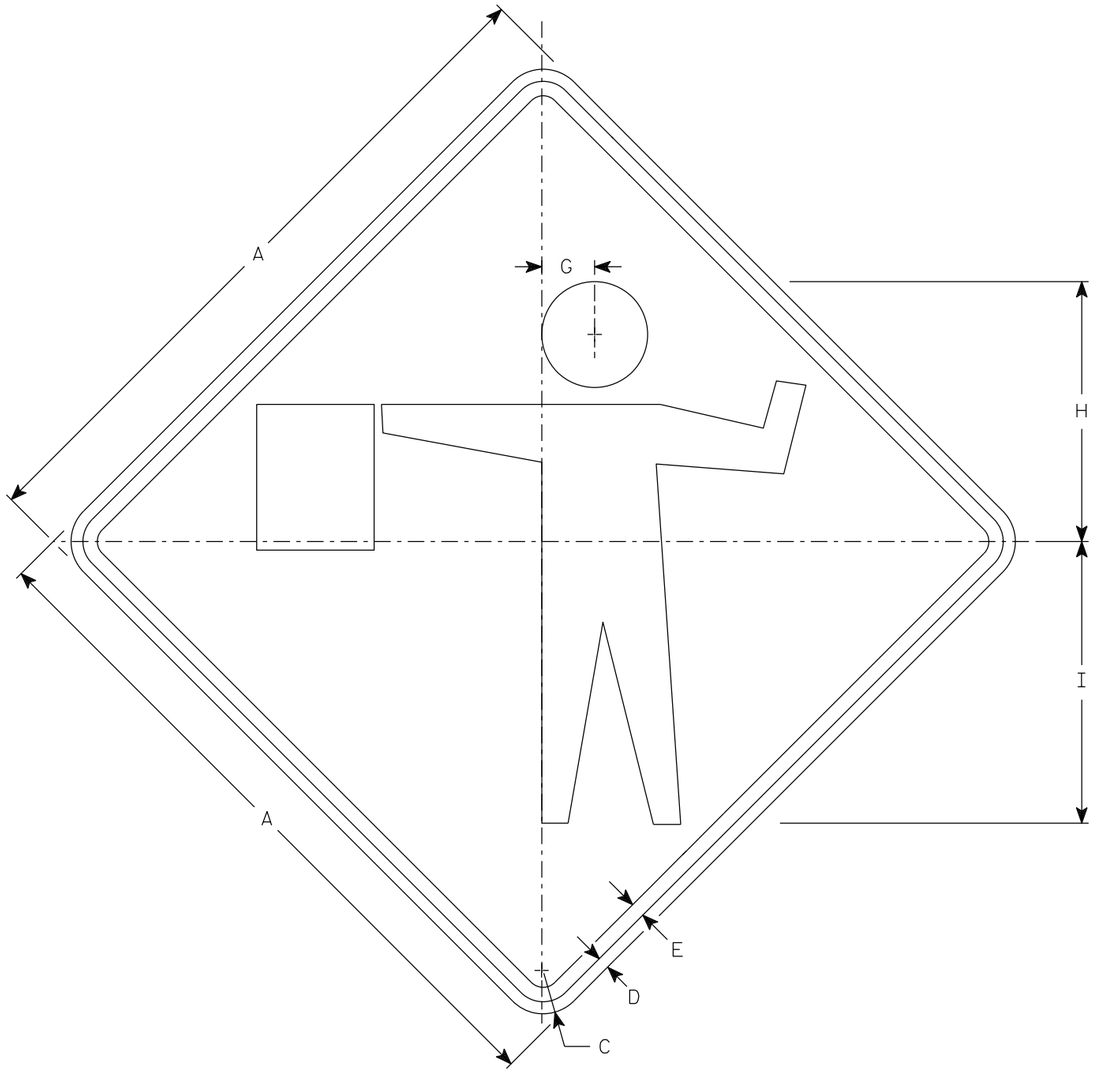
STANDARD SIGN
W20-5C,L,R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/26 PLATE NO. W20-5.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 845 E



W20-7A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4		2 3/4	13 1/2	14 5/8																		9.0
2S	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
2M	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
3	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
4	48		3	3/4	1		3 3/4	18	19 1/2																		16.0
5	48		3	3/4	1		3 3/4	18	19 1/2																		16.0

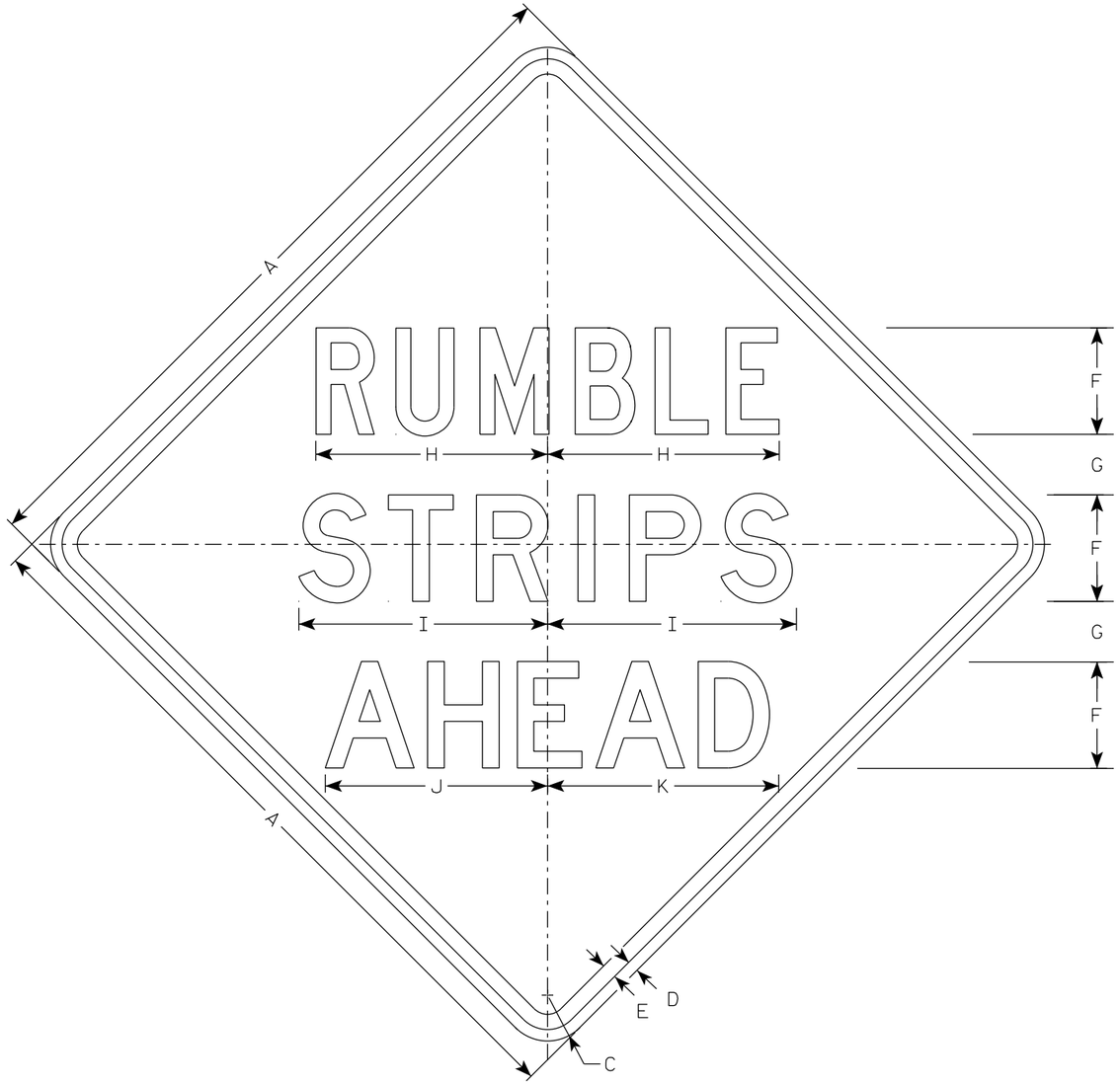
STANDARD SIGN
W20-7A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-7A.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 846	E



W21-65

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 4
4. Line 1 is Series C
   Lines 2 and 3 are Series D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 1/4	10 7/8	11 5/8	11	11 5/8																9.0
2S	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
2M	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
3	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
4	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0
5	48		3	3/4	1	7	4	15 1/4	16 3/8	14 5/8	15 1/4																16.0

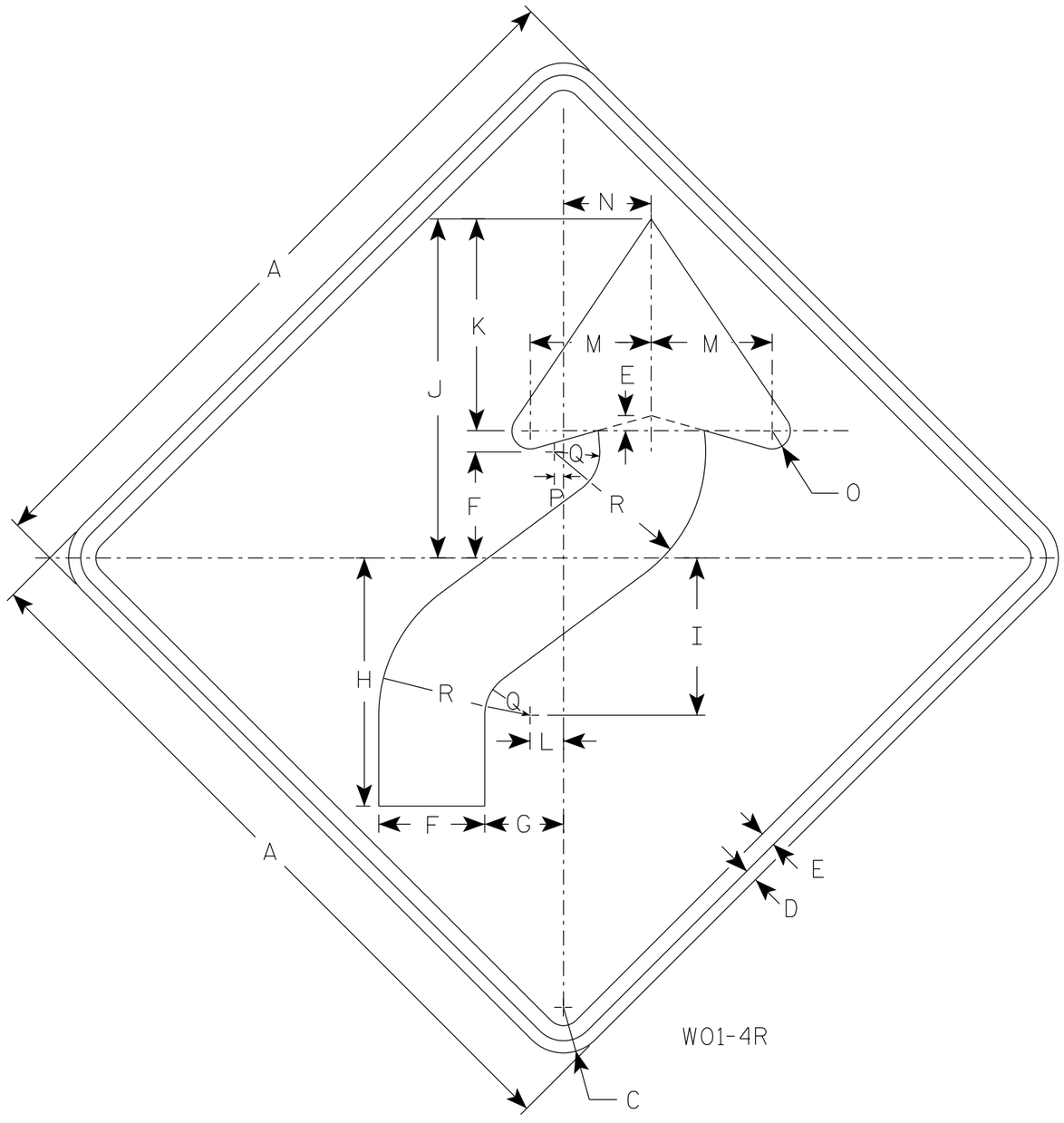
STANDARD SIGN
W21-65

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/17/2024 PLATE NO. W21-65.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 847	E



W01-4R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5 1/4	4	12 3/8	7 7/8	16 7/8	10 1/2	1 5/8	6	4 1/2	1	1/2	2 1/4	7 1/2									9.0
2S	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
2M	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
3	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
4	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0
5	48		3	3/4	1	7	5 1/4	16 1/2	10 1/2	22 1/2	14	2 1/4	8	6	1 1/4	5/8	3	10									16.0

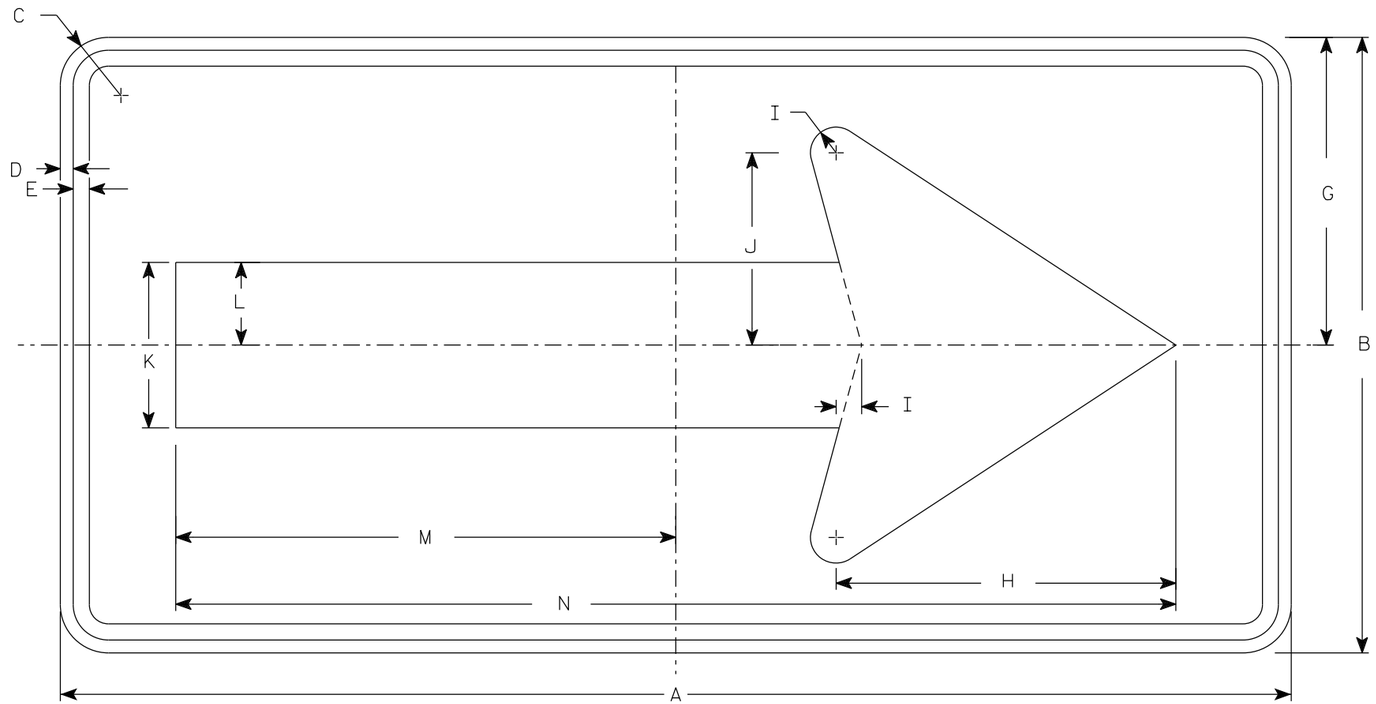
STANDARD SIGN
W01-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/24/2024 PLATE NO. W01-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 848 | E



WO1-6

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5

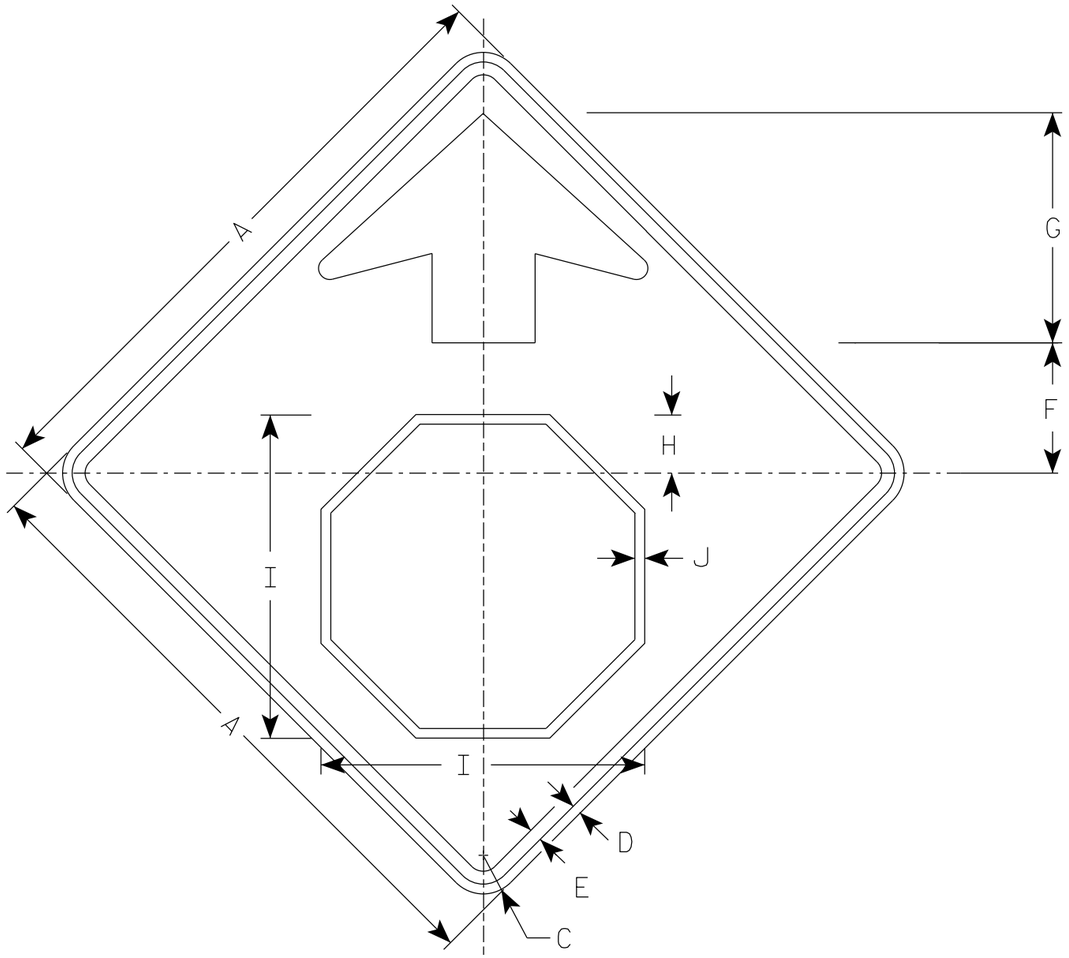
STANDARD SIGN
WO1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. WO1-6.2

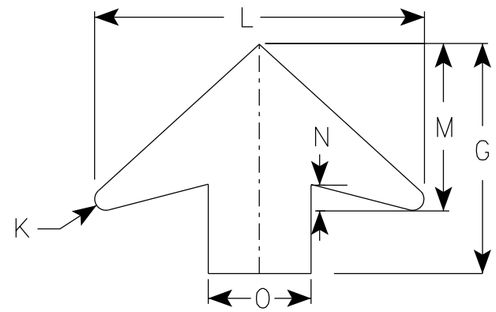
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W03-1

NOTES

1. All Signs Type II - Type F Reflective
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2S	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
2M	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
3	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
4	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W03-1

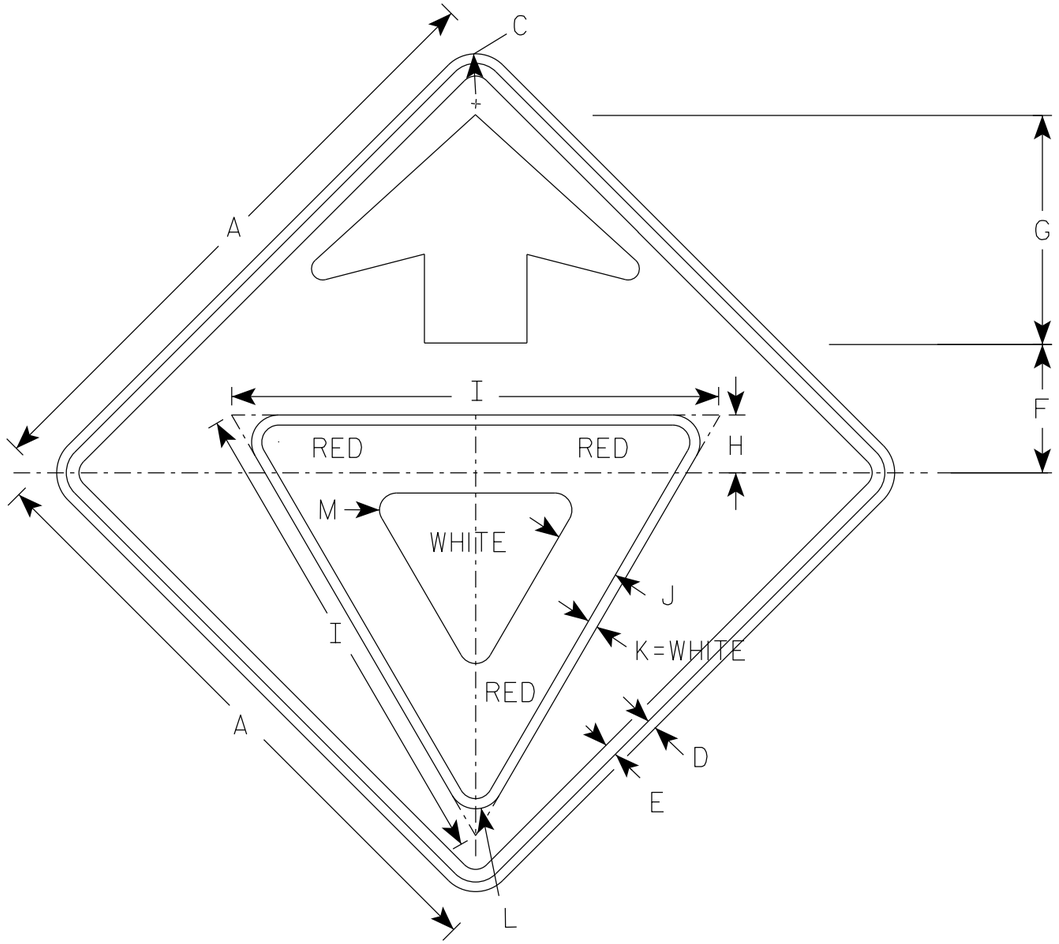
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/24/2024 PLATE NO. W03-1.2

PROJECT NO:

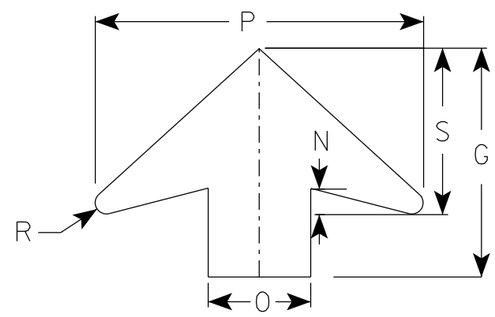
SHEET NO: 850 E



W03-2

NOTES

1. All Signs Type II - Type F Reflective
2. Color:
   Background - ORANGE
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2S	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
2M	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
3	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
4	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		3	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W03-2

WISCONSIN DEPT OF TRANSPORTATION

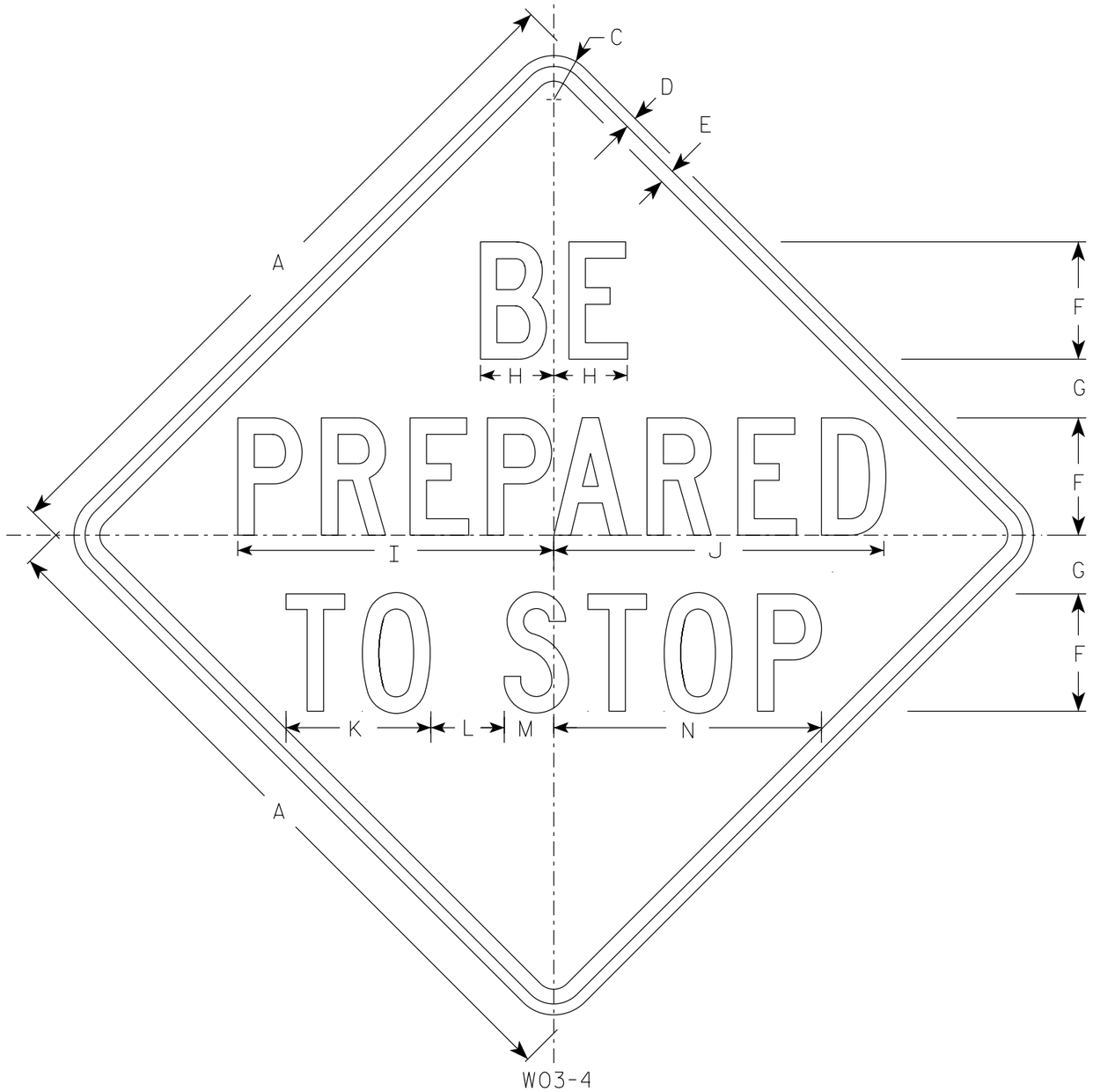
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W03-2.2

PROJECT NO:

SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W032.DGN
PLOT DATE : 24-JAN 2024 1:55
PLOT BY : dotc4c
WISDOT/CADDS SHEET 42



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
2S	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
2M	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
3	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
4	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
5	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0

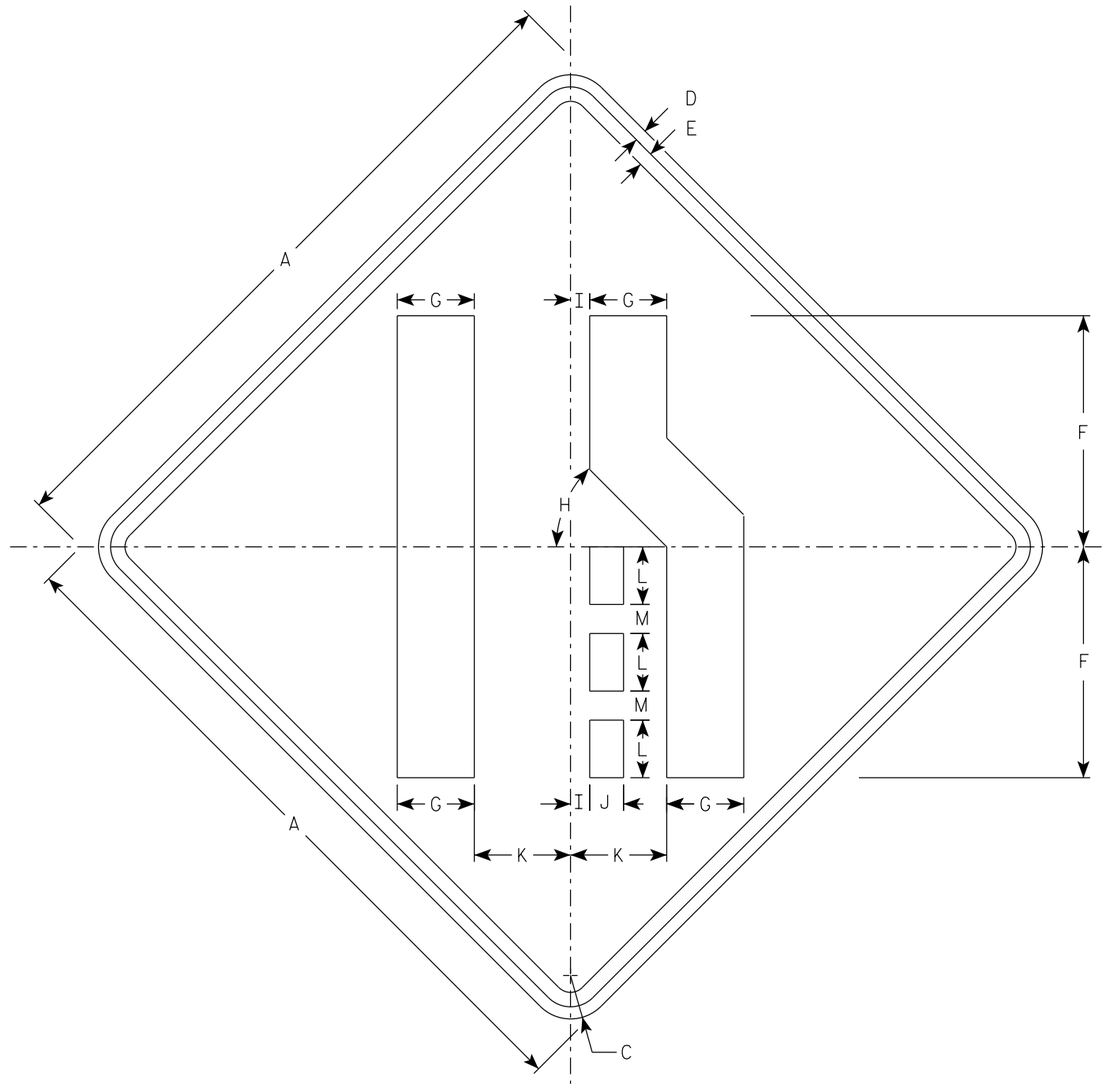
STANDARD SIGN
W03-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W03-4.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 852	E



W04-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W04-2L is the same as W04-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2S	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
2M	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
3	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
4	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		3	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W04-2

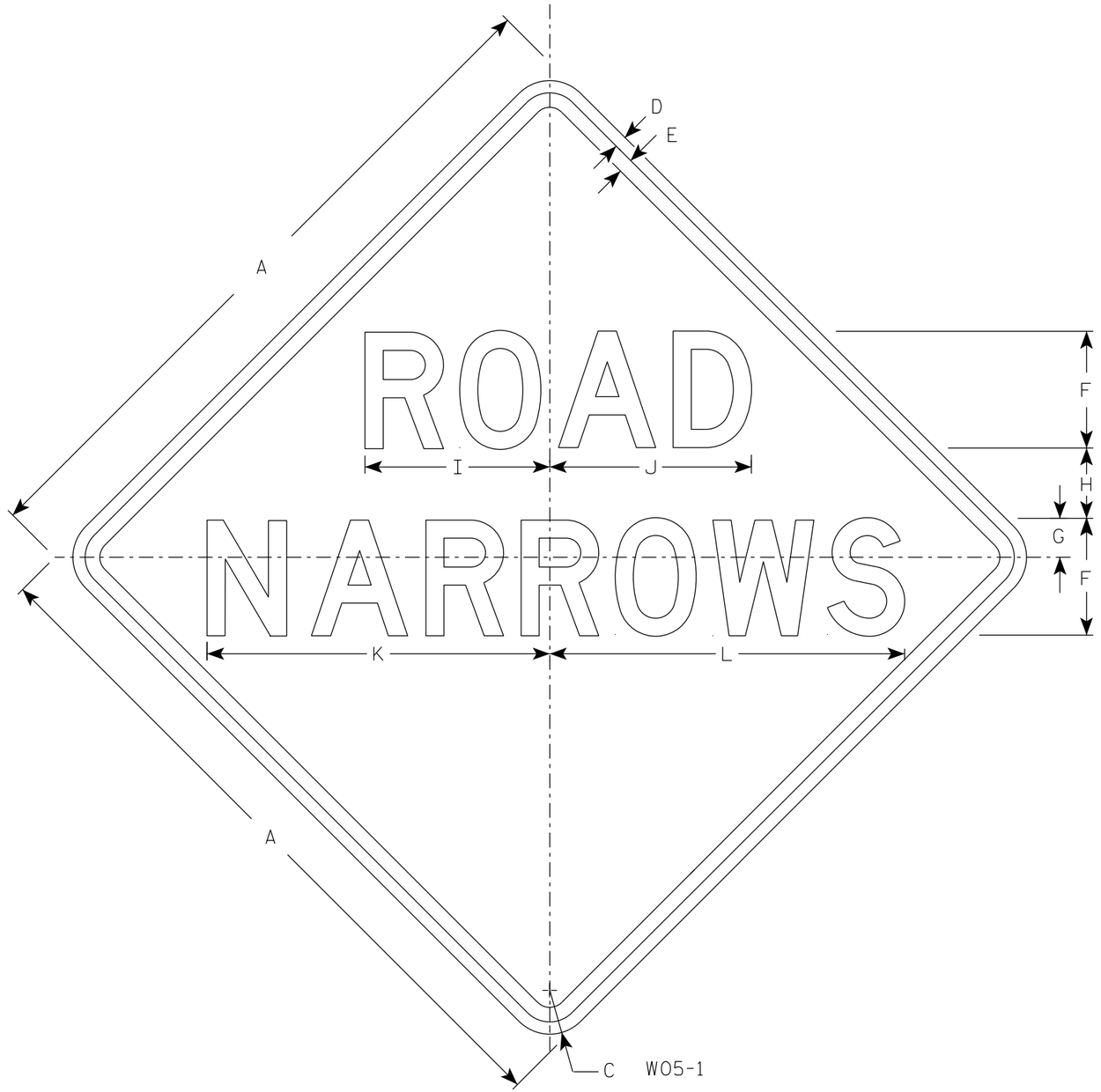
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/25/2024 PLATE NO. W04-2.2

PROJECT NO:

SHEET NO: 853 E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	2	3 1/2	9 1/2	10 3/8	17 5/8	18 1/4															9.0
2S	48		3	3/4	1	8	3	4	12 3/4	13 3/4	23 1/2	24 3/8															16.0
2M	48		3	3/4	1	8	3	4	12 3/4	13 3/4	23 1/2	24 3/8															16.0
3	48		3	3/4	1	8	3	4	12 3/4	13 3/4	23 1/2	24 3/8															16.0
4	48		3	3/4	1	8	3	4	12 3/4	13 3/4	23 1/2	24 3/8															16.0
5	48		3	3/4	1	8	3	4	12 3/4	13 3/4	23 1/2	24 3/8															16.0

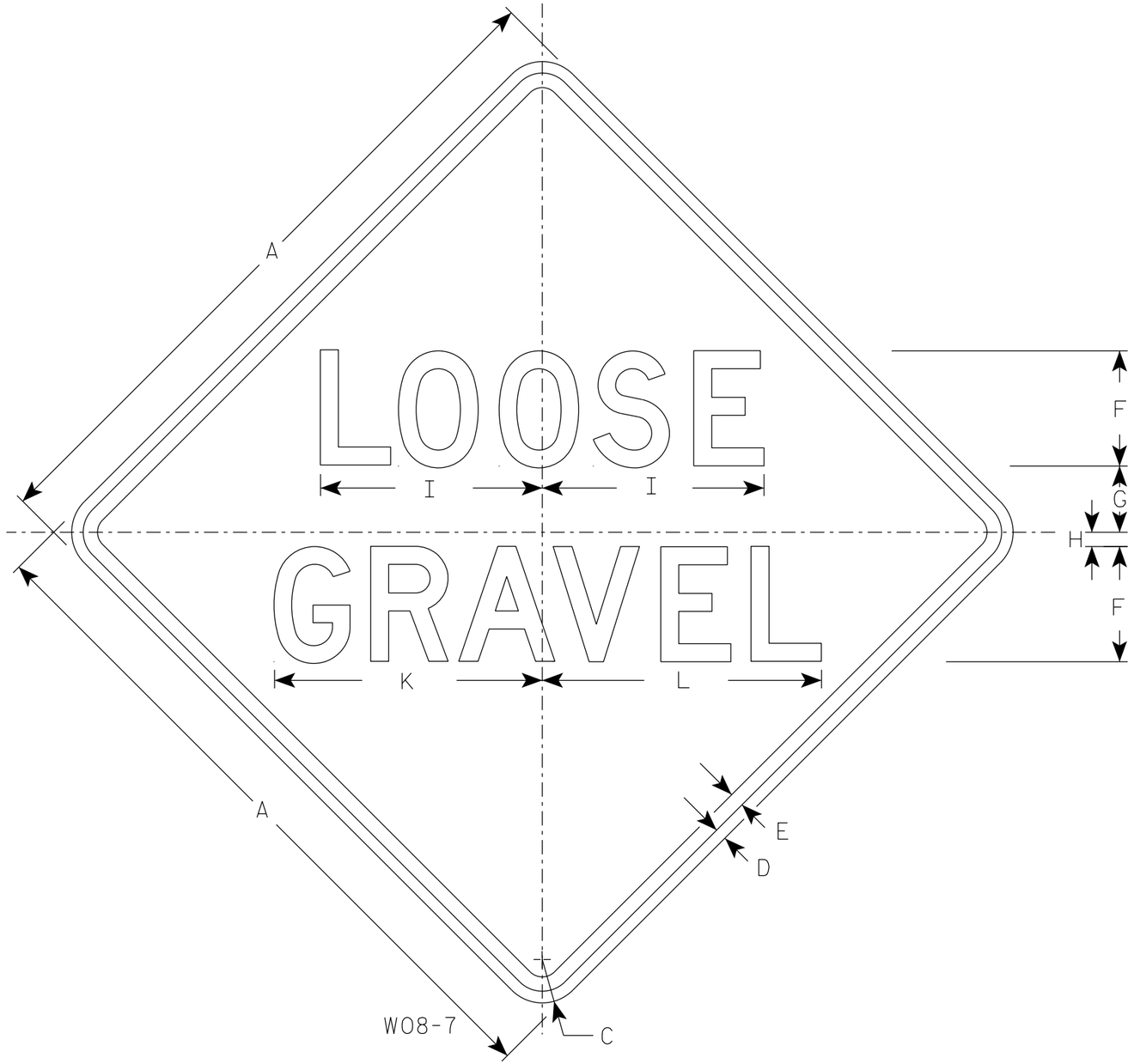
STANDARD SIGN
W05-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/29/2024 PLATE NO. W05-1.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 854	E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	4 1/8	3/4	11 5/8		14	14 1/2															9.0
2S	48		3	3/4	1	8	5 1/2	1	15 1/2		18 5/8	19 3/8															16.0
2M	48		3	3/4	1	8	5 1/2	1	15 1/2		18 5/8	19 3/8															16.0
3	48		3	3/4	1	8	5 1/2	1	15 1/2		18 5/8	19 3/8															16.0
4	48		3	3/4	1	8	5 1/2	1	15 1/2		18 5/8	19 3/8															16.0
5	48		3	3/4	1	8	5 1/2	1	15 1/2		18 5/8	19 3/8															16.0

STANDARD SIGN
W08-7

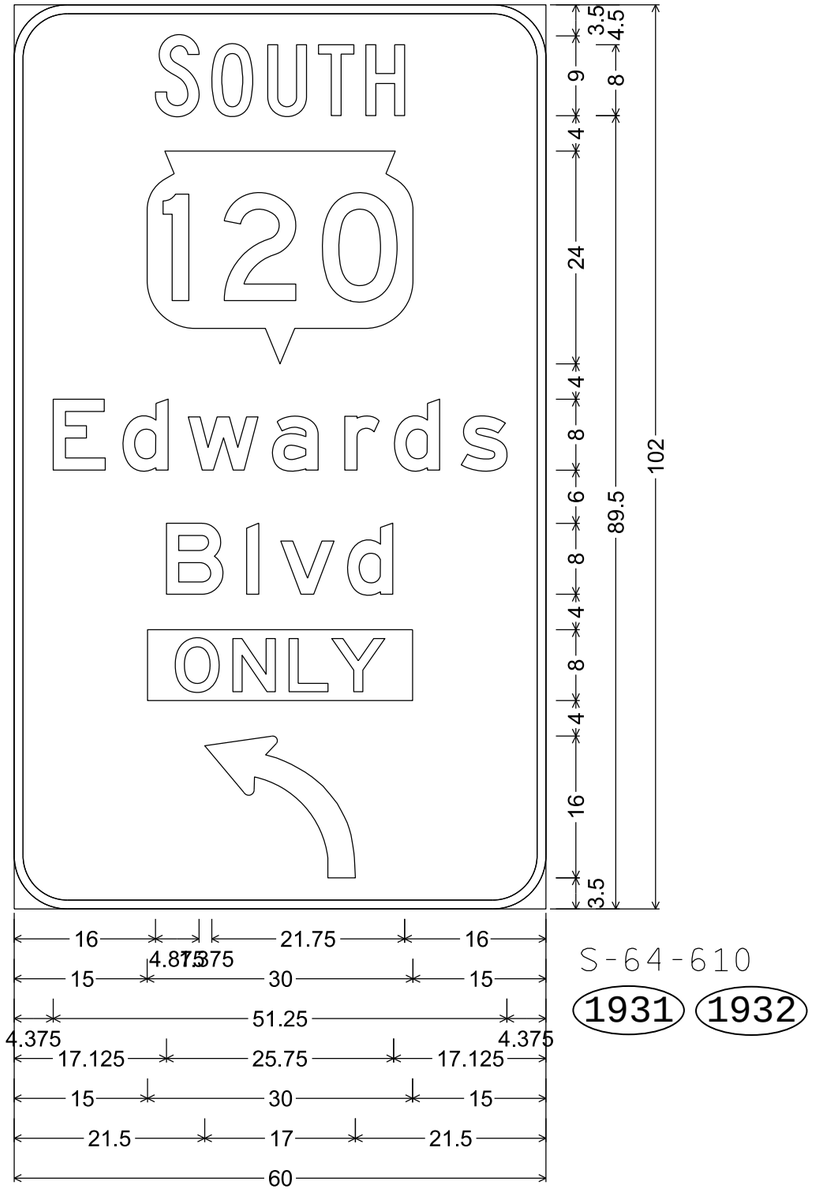
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/31/2024 PLATE NO. W08-7.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 855 E

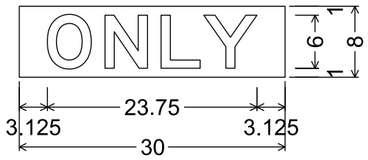
7



S-64-610

1931 1932

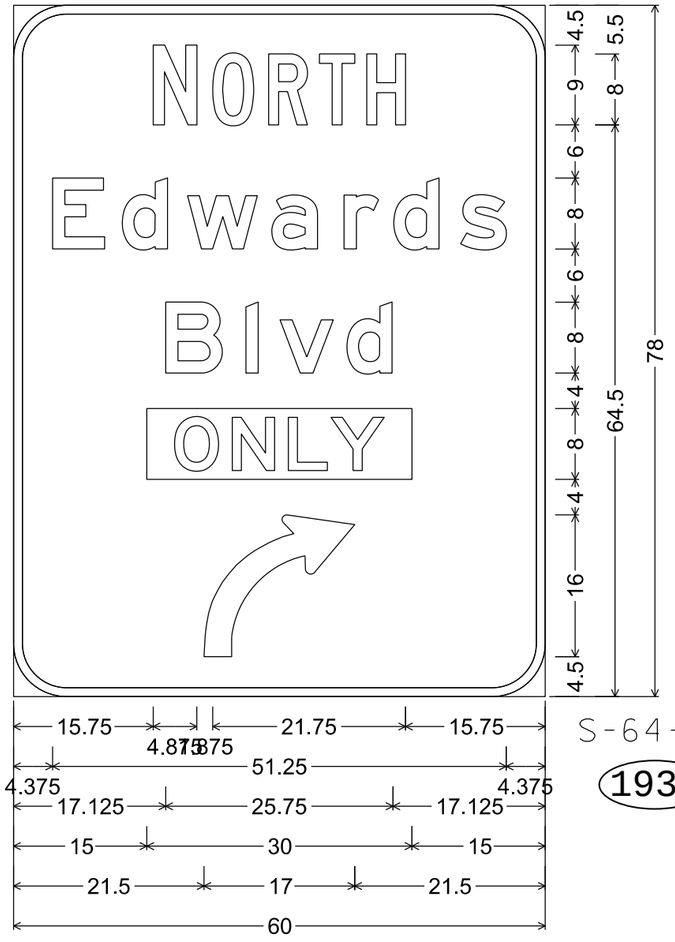
D16-1; 6.000" Radius, 1.000" Border,
"SOUTH", C; "Edwards", E; "Blvd", E



No border, Black on Fluorescent yellow;
"ONLY", E;

NOTES

1. Sign is Type I - Type SH Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - As noted
4. ONLY Plaque on Yellow Type F Reflective sheeting with Black Non-Reflective message



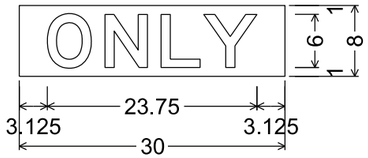
S-64-610

1933

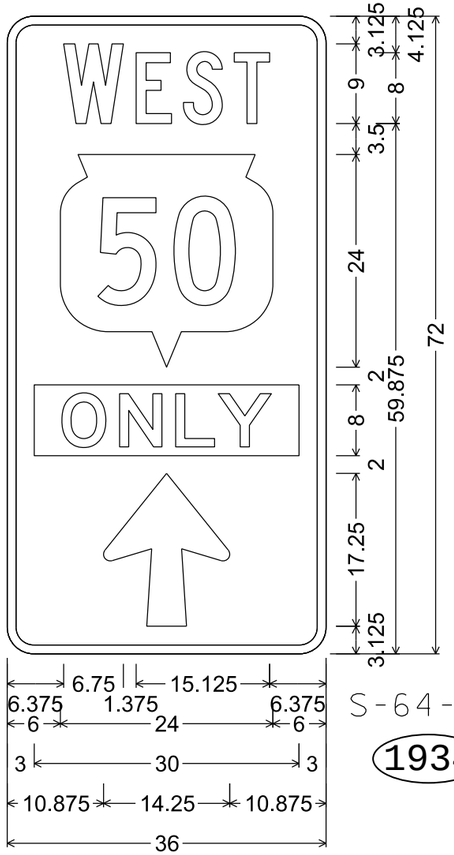
D16-1; 6.000" Radius, 1.000" Border,
"NORTH", C; "Edwards", E; "Blvd", E

7

7



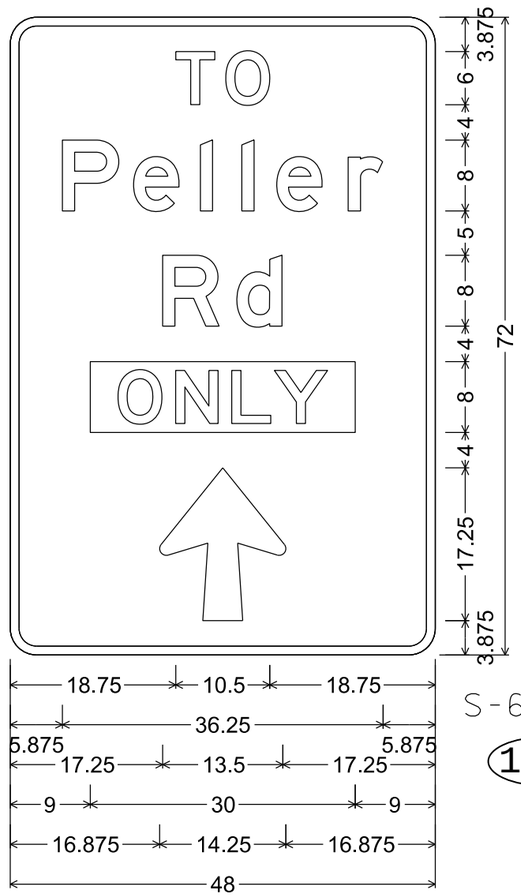
No border, Black on Fluorescent yellow;
"ONLY", E;



S-64-610

1934

D16-1; 3.000" Radius, 1.000" Border,
"WEST", C



S-64-610

1935

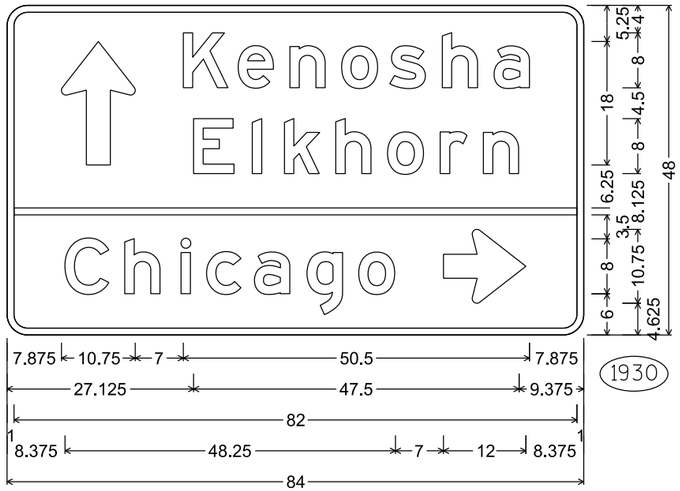
D16-1; 3.000" Radius, 1.000" Border,
"TO", E; "Pellar", E; "Rd", E

NOTES

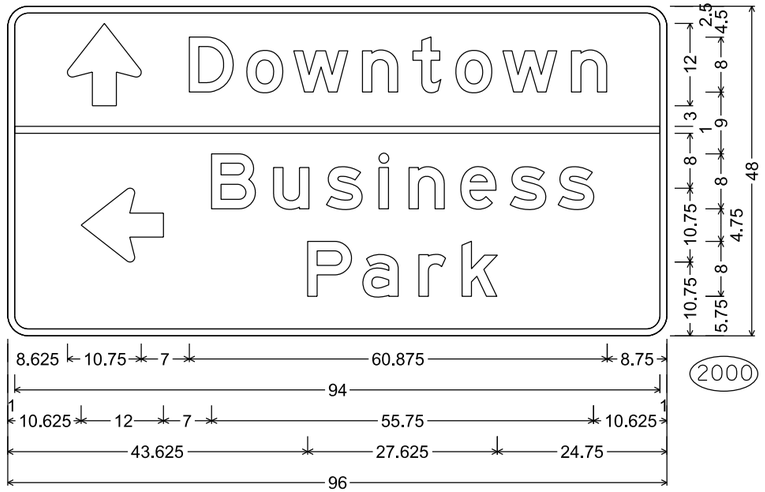
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - As noted
4. ONLY Plaque on Yellow Type F Reflective sheeting with Black Non-Reflective message

7

7



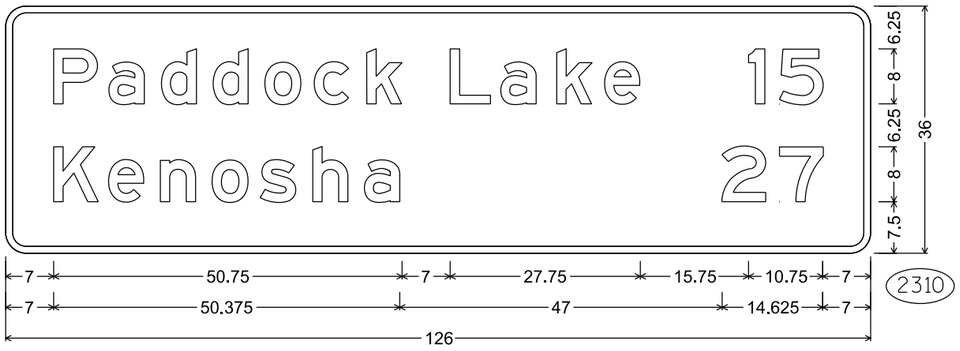
D1-3; 3.000" Radius, 1.000" Border



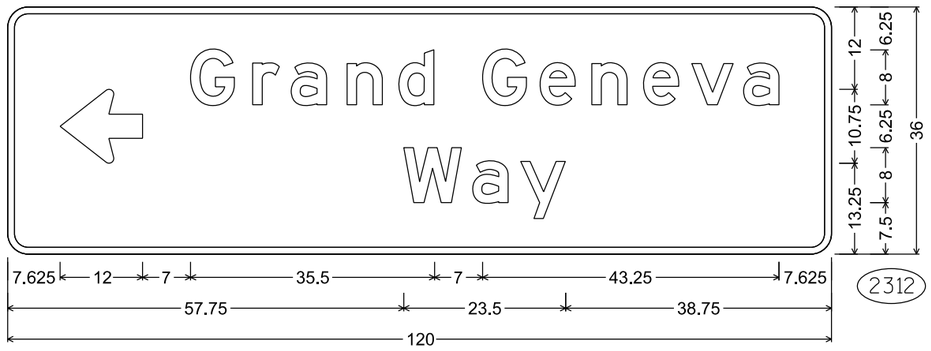
D1-3; 3.000" Radius, 1.000" Border

NOTES

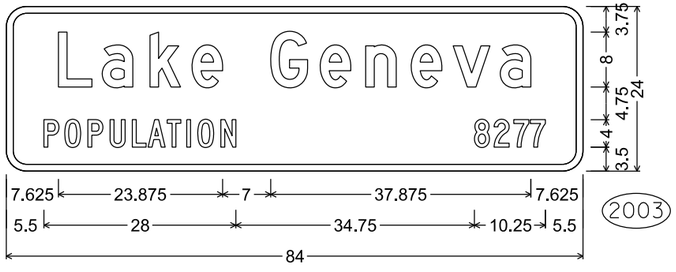
1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



D2-2; 3.000" Radius, 1.000" Border



D1-2; 3.000" Radius, 1.000" Border



I2-1P; 3.000" Radius, 1.000" Border,
"Lake", D; "Geneva", D; "POPULATION", C; "8277", C;



D1-1; 3.000" Radius, 1.000" Border



D1-1; 3.000" Radius, 1.000" Border

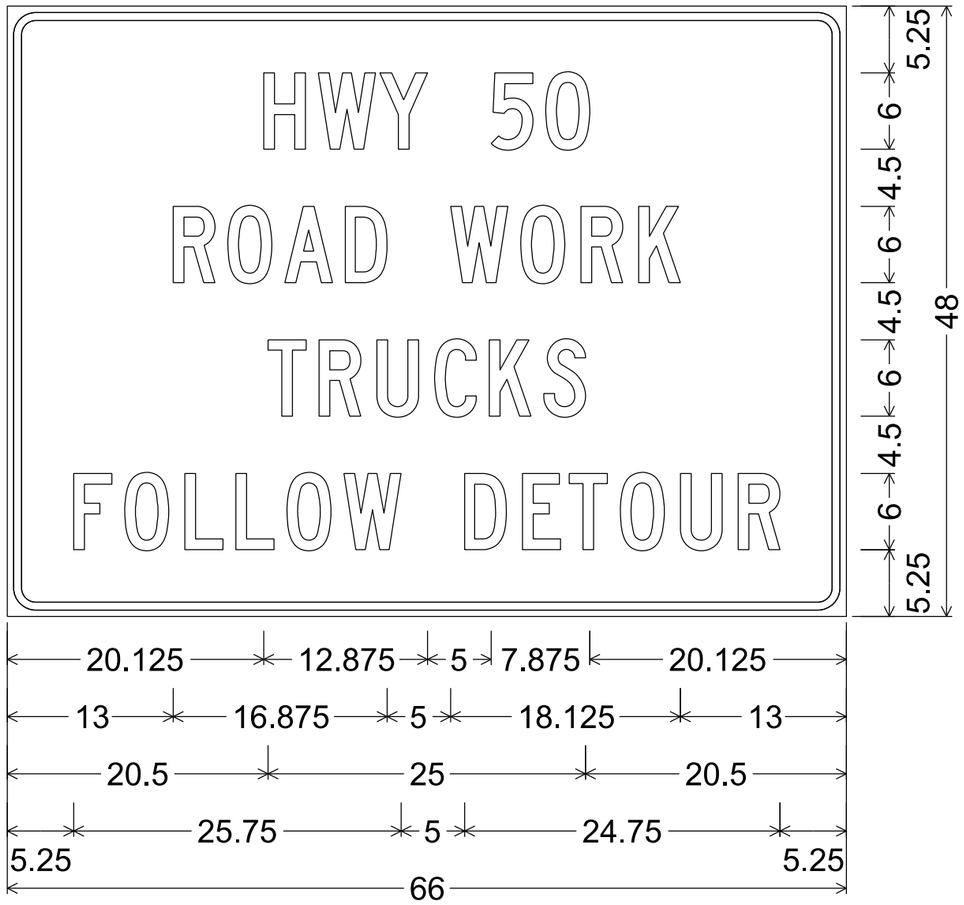
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7

PROJECT NO: 3170-09-70	HWY: STH 50	COUNTY: WALWORTH	PERMANENT SIGNING	SHEET NO: 858	E

NOTES

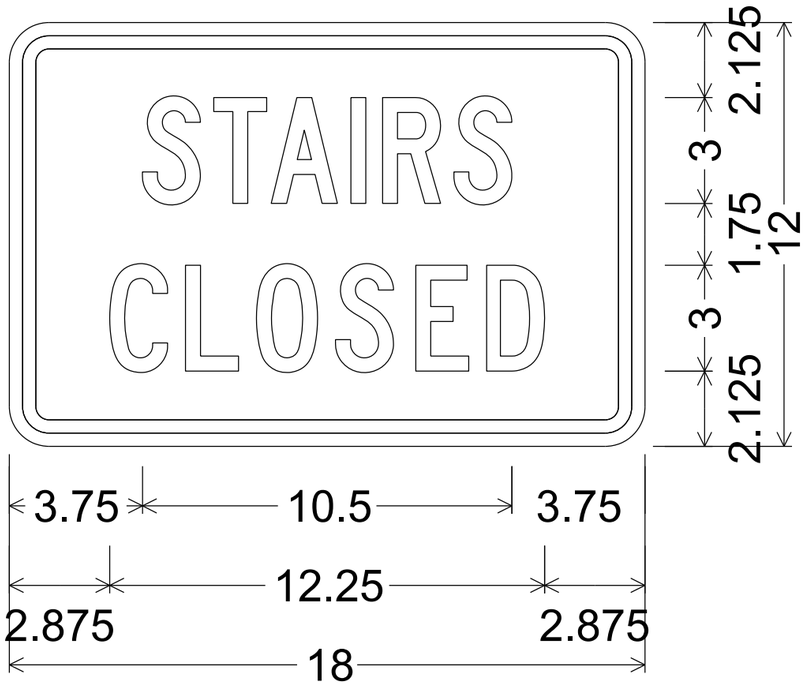
1. Fixed Message Sign Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



2.250" Radius, 0.625" Border, 0.500" Indent

NOTES

1. Fixed Message Sign Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C



1.125" Radius, 0.375" Border, 0.375" Indent

DESIGN DATA

CONTRACTOR DESIGNED OVERHEAD SIGN STRUCTURES SHALL BE DESIGNED ACCORDING TO THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS", 1ST EDITION AND INTERIM SPECIFICATIONS, AND THE WISDOT BRIDGE MANUAL.

STANDARD FOUNDATIONs DESIGNED ACCORDING TO THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION.

DEAD LOAD:	WT. OF SIGN AND SUPPORTING STRUCTURE
ICE LOAD:	3 PSF TO ONE FACE OF SIGN & SURFACE OF MEMBERS
WIND PRESSURE:	115 MPH (3-SEC. GUST SPEED) TO SIGN AREA & EXPOSED MEMBERS (700 YEAR MEAN RECURRENCE INTERVAL)

WIND COMPONENTS	NORMAL	TRANSVERSE
LOAD CASE 1:	1.00	0.00
LOAD CASE 2:	0.00	1.00
LOAD CASE 3:	0.75	0.75

LOAD COMBINATIONS

STRENGTH I:	1.25 DC + 1.6 LL
EXTREME I (MAX DC):	1.1 DC + 1.0 W + 1.0 ICE
EXTREME I (MIN DC):	0.9 DC + 1.0 W
SERVICE I:	1.0 DC + 1.0 W
FATIGUE:	1.0 NW (NATURAL WIND GUST) 1.0 TrG (TRUCK INDUCED GUST) 1.0 GVW (GALLOPING - CANTILEVER ONLY)

MATERIAL PROPERTIES

CONCRETE MASONRY ——— f'_c = 3,500 PSI

HIGH STRENGTH STEEL REINFORCEMENT, GRADE 60 ——— f_y = 60,000 PSI

STRUCTURAL ANGLES, PLATES & BARS - ASTM A709 GRADE 36 ——— f_y = 36,000 PSI

HIGH STRENGTH BOLTS - ASTM A3125 GRADE A325 ——— f_y = 92,000 PSI

ANCHOR RODS - ASTM F1554 GRADE 55 ——— f_y = 55,000 PSI

HEAVY HEX NUTS - ASTM A563 GRADE DH OR ASTM A194 GRADE 2H

WASHERS - ASTM F436

DTI WASHERS - ASTM F959 TYPE 325

FOUNDATION DATA

SIGN STRUCTURE FOUNDATIONS ARE SUPPORTED ON DRILLED SHAFTS THAT HAVE BEEN DESIGN FOR SITES WHERE SOILS EXHIBIT A PHI-ANGLE GREATER THAN OR EQUAL TO 24° (GRANULAR SOILS), OR A COHESION VALUE GREATER THAN OR EQUAL TO 750 PSF (COHESIVE SOILS) AND A UNIT WEIGHT OF 125 PCF. THE GROUND WATER TABLE FOR DESIGN IS ASSUMED TO BE AT A DEPTH OF 10'-0" BELOW THE GROUND SURFACE, ACTUAL WATER LEVEL AT SITE MAY VARY. THE REGION GEOTECHNICAL ENGINEER SHALL VISUALLY INSPECT THE SUBSURFACE SOILS DURING THE DRILLING OF THE SHAFT HOLE TO CONFRIM THESE PROPERTIES PRIOR TO PLACEMENT OF THE DRILLED SHAFT CONCRETE.

TOTAL ESTIMATED QUANTITIES

BID ITEM NO.	CATEGORY	BID ITEM	UNIT	S-64-0203	S-64-0610
204.0246	3010	REMOVING ANCILLARY STRUCTURE (001. S-64-0203)	EACH	1	--
531.2042	3000	DRILLING SHAFT 42-INCH	LF	--	46
531.5440	3000	FOUNDATION SINGLE-SHAFT TYPE IV (001. S-64-0610)	EA	--	2
532.5440	3000	TRUSS FULL SPAN 2-CHORD TYPE IV (001. S-64-0610)	EA	--	1
650.6501	3000	CONSTRUCTION STAKING STRUCTURE LAYOUT (001. S-64-0610)	EA	--	1

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

ALTERNATE DESIGNS ARE NOT ALLOWED.

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WALWORTH COUNTY, NAD 83 (2011). ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM NAVD 88 (2012).

ALL REINFORCING BARS ARE IN ENGLISH UNITS. THE FIRST DIGIT OF A THREE-DIGIT BAR MARK OR THE FIRST TWO DIGITS OF A FOUR-DIGIT BAR MARK SIGNIFIES THE BAR SIZE.

SIGN BRIDGE ID PLAQUES SHALL BE CONSIDERED INCIDENTAL TO THE TRUSS OR MONOTUBE BID ITEMS FOR EACH APPLICABLE SIGN STRUCTURE IN THE PLAN SET. LOCATE THE ID PLAQUE ON THE FREEWAY SIDE OF THE SUPPORT COLUMN SO THAT IT CAN BE SEEN FROM THE ROADWAY. FABRICATE AND INSTALL THE ID PLAQUE IN ACCORDANCE WITH S.D.D. 12 A4-3.

UNLESS DETAILED OTHERWISE IN THE PLANS, ALL H.S. BOLTED CONNECTIONS SHALL BE MADE WITH ¾" DIA. A325 GALVANIZED BOLTS. FIELD CONNECTIONS SHALL BE INSTALLED WITH DTI WASHERS.

WELDED CONNECTIONS CAN BE USED IN LIEU OF BOLTED CONNECTIONS, IF A TRUSS UNIT CAN BE GALVANIZED IN ONE PIECE.

WELD TEST AS PER AWS D1.1.

SEE SIGN PLATE NO. A4-6, A4-7A & A4-7B OF THE SIGN PLATE MANUAL FOR INSTRUCTIONS ON CENTERING SIGNS VERTICALLY ON THE TRUSS.

SIGNS OR BLANKS SHALL BE INSTALLED ON TRUSS AT TIME OF ERECTION. BLANKS SHALL BE ¼ THE LENGTH OF THE CANTILEVER SPAN, 2'-0" DEEPER THAN THE C/L TO C/L OF CHORDS, AND SHALL BE CENTERED ON THE BRIDGE. SIGNS SHALL BE AS DESIGNATED ON THE PLANS.

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION OF THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PER THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS PRIOR TO FABRICATION OF THE STRUCTURE. CONTRACTOR SHALL SHOW SIGNS ON THE SHOP DRAWINGS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DRILLING OR EXCAVATING AND MAINTAINING A STABLE AND OPEN HOLE FOR SUBSEQUENT INSTALLATION OF CONCRETE MASONRY FOR THE DRILLED SHAFTS. PARTIAL OR FULL DEPTH TEMPORARY CASING MAY BE REQUIRED TO MAINTAIN THE STABILITY OF THE EXCAVATED HOLE FOR THE SIGN SUPPORT PRIOR TO FILLING THE HOLE WITH CONCRETE. PERMANENT CASING MADE FROM STEEL OR CORRUGATED METAL PIPE MAY BE USED IN LIEU OF TEMPORARY CASING. TEMPORARY/PERMANENT CASING, IF USED, SHALL BE INCIDENTAL TO THE BID ITEM "DRILLING SHAFT (DIA.)".

STRUCTURE DATA

STRUCTURE ID	SIGN AREA	SIGN DEPTH	FOUNDATION TYPE	TRUSS TYPE
S-64-610	159.5 SF	8'-6" MAX	TYPE TF-IV	TYPE TF-IV

LIST OF DRAWINGS:

1. GENERAL NOTES & DESIGN DATA
2. LAYOUT S-64-0610

LIST OF STANDARD DESIGN DRAWINGS

3. I. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1
4. II. MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2
5. III. MONOTUBE & 2-CHORD TRUSS ELECTRICAL DETAILS
6. IV. MONOTUBE & 2-CHORD TRUSS FOUNDATIONS

STATE PROJECT NUMBER

3170-09-70

TRAFFIC VOLUME

A.D.T. (2047) = 15,700
R.D.S. = 50 MPH

THESE ARE STANDARD DESIGN PLANS DEVELOPED AND MAINTAINED BY THE WISDOT. THE DESIGNER CERTIFIES THAT THE DESIGN AND PLAN DETAILS CHOSEN ARE CONSISTENT WITH THE GUIDANCE PROVIDED IN THE CURRENT WISDOT BRIDGE MANUAL CHAPTER 39.

WISCONSIN
VALBON LATIFI
E-45819
CUDAHY
WI
PROFESSIONAL ENGINEER
08/13/2026

STRUCTURE DESIGN CONTACTS:

VALBON LATIFI (414) 839-1646
AARON BONK (608) 261-0261

NO.	DATE	REVISION	BY

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORATION

ACCEPTED JLR 08/13/26
CHIEF STRUCTURES DESIGN ENGINEER DATE

MONOTUBE & 2-CHORD

STH 50 (WB) EAST OF STH 120/EDWARDS BLVD

COUNTY	CITY
WALWORTH	LAKE GENEVA

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
VL		VL	

GENERAL NOTES & DESIGN DATA

SHEET 1 OF 6
861

SCALE = 1 IN:10 FT

I.D. 3170-09-70

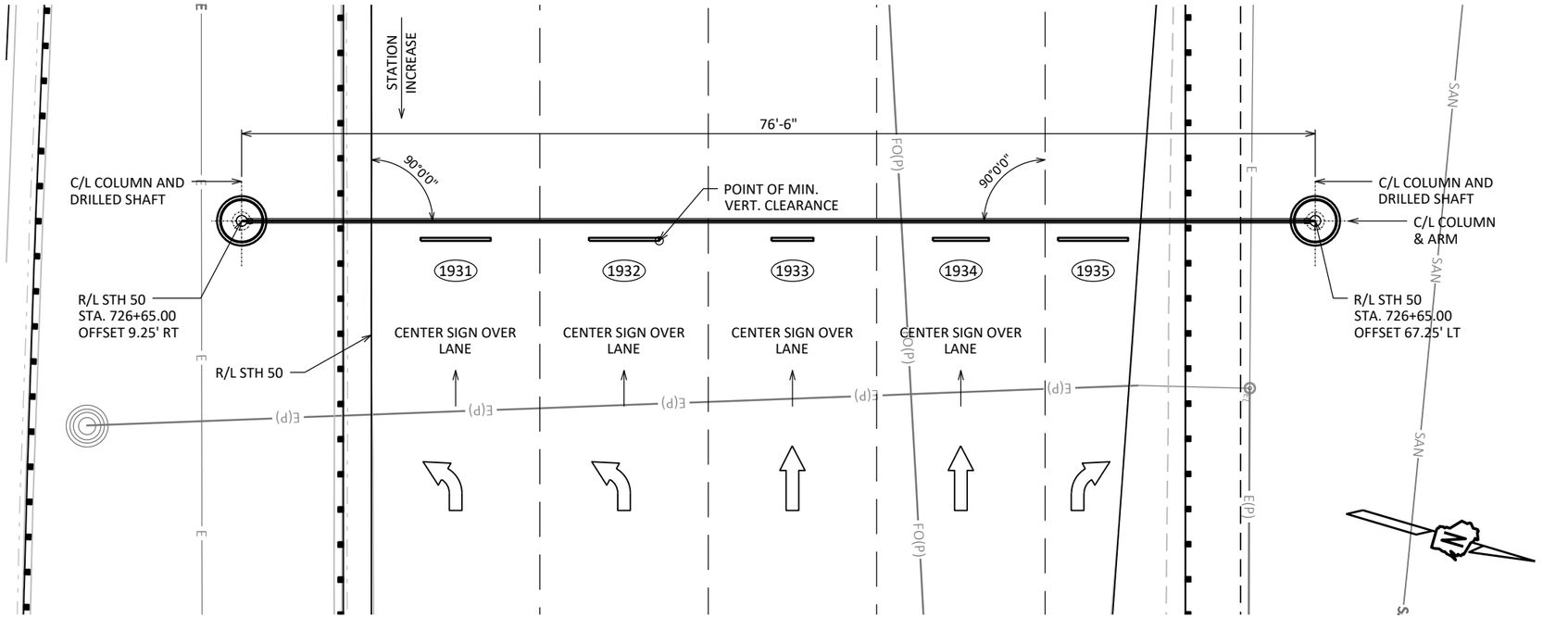
DATE: 08/13/2026

8

8

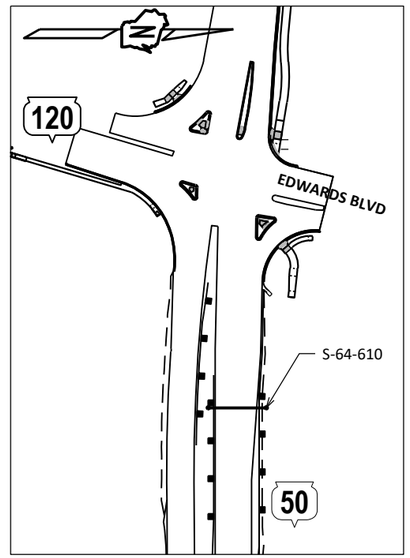
STATE PROJECT NUMBER

3170-09-70

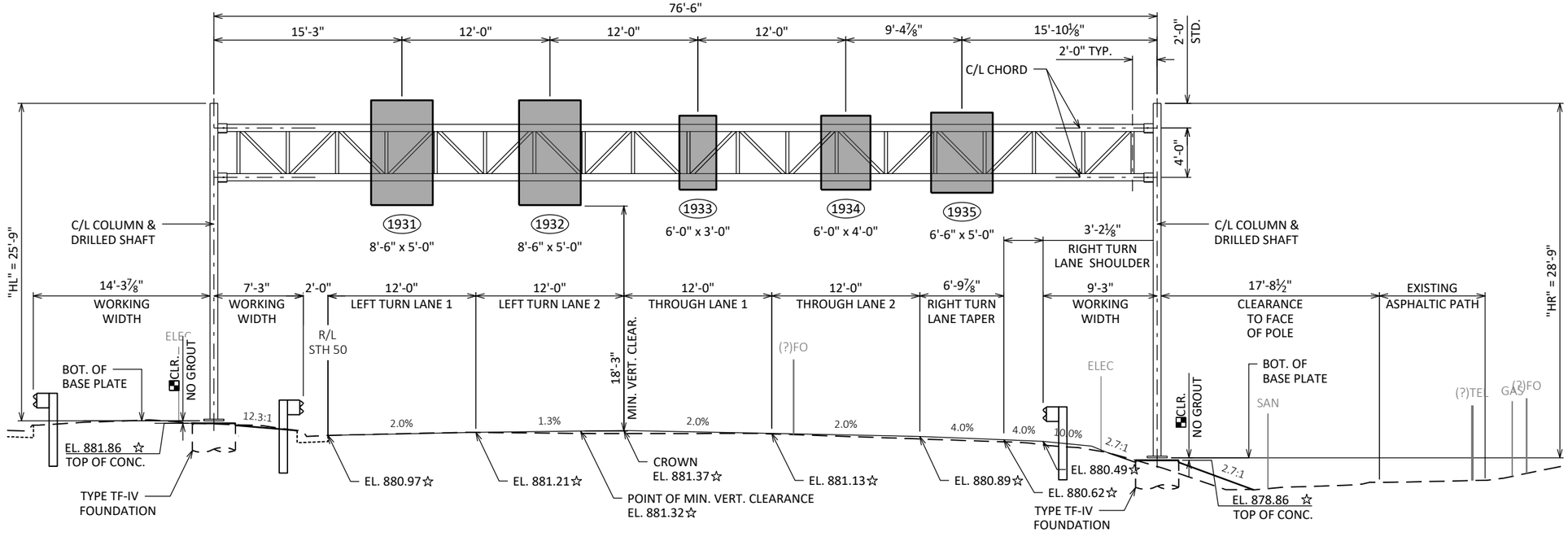


PLAN

STA. 726+65.00 (STH 50 WESTBOUND)
300 FEET EAST OF STH 120/EDWARDS BLVD



LOCATION MAP



ELEVATION

LOOKING DOWNSTATION (WEST) AT FRONT OF SIGN

LEGEND

☆ ELEVATIONS GIVEN ALONG C/L STRUCTURE

(XXX) SIGN NUMBER, SEE PERMANENT SIGNING PLAN

■ STANDOFF DIMENSION IS ASSUMED TO BE 2½", BUT IS A MAX. OF 2 x ANCHOR ROD DIAMETER. SEE FOUNDATION DETAILS SHEET AND SHOP DRAWINGS FOR MORE INFORMATION.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE S-64-0610

DRAWN BY VL | PLANS CK'D

LAYOUT S-64-0610

SHEET 2 OF 6
862

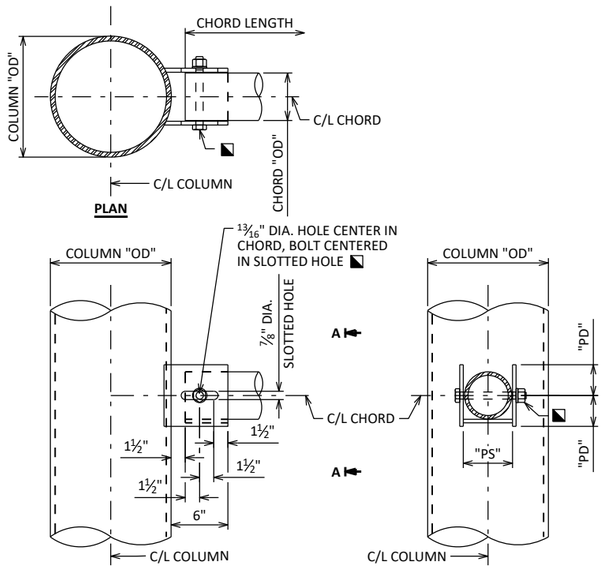
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8

8

STATE PROJECT NUMBER

3170-09-70



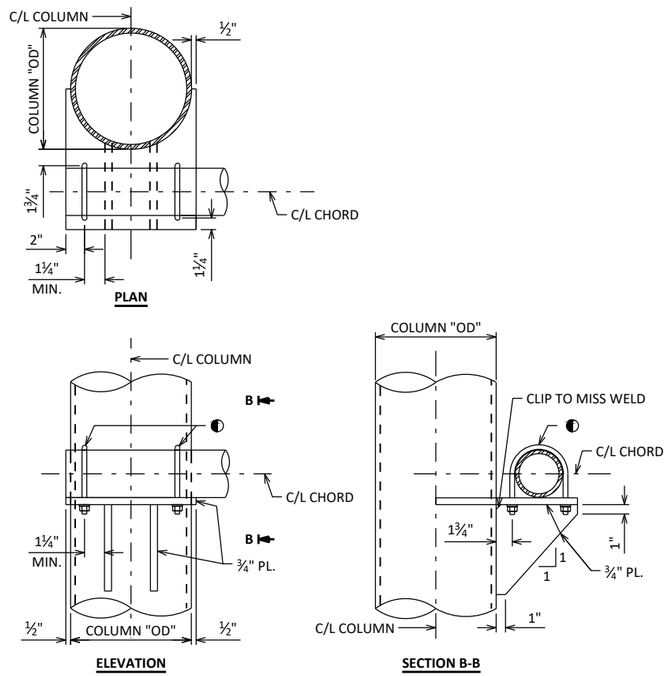
FULL SPAN SADDLE CONNECTION

PREFERRED OPTION

¾" GALVANIZED A325 OR A449 HEAVY HEX BOLT, NUT AND WASHER SNUG TIGHT ONLY, DO NOT OVER TIGHTEN

"PD" = CHORD "OD"/2 + ¾"

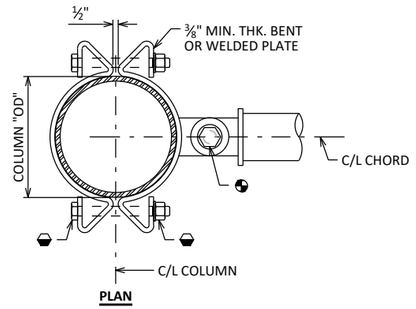
"PS" = CHORD "OD" + 1/16"

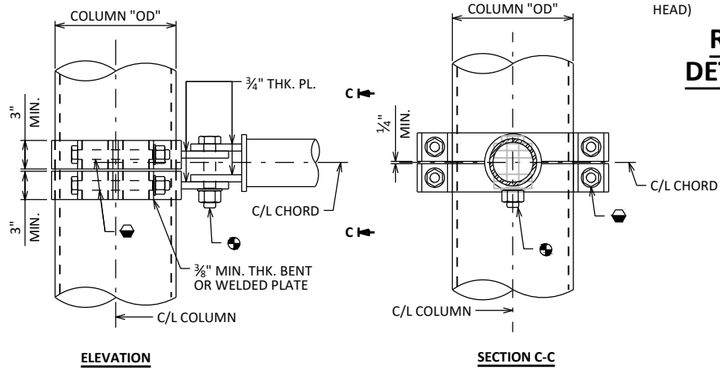


FULL SPAN STIFFENED BEARING CONNECTION

ALTERNATE 1

MIN. (2) ½" MIN. GALVANIZED OR STAINLESS U-BOLT, LOCK NUT AND WASHER



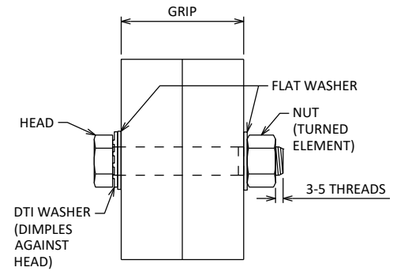


FULL SPAN CLAMP CONNECTION

ALTERNATE 2 - TAPERED COLUMNS ONLY

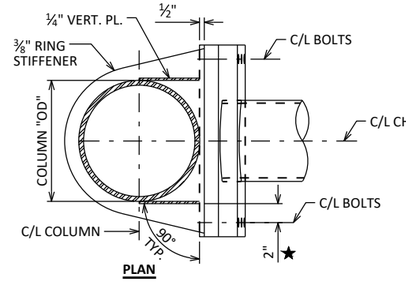
1¼" GALVANIZED A325 HEAVY HEX BOLT, NUT AND WASHER

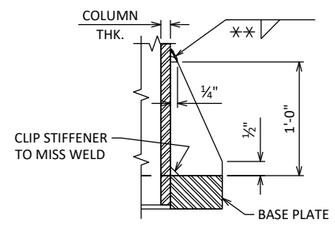
1" GALVANIZED A325 HEAVY HEX BOLT, NUT AND WASHER

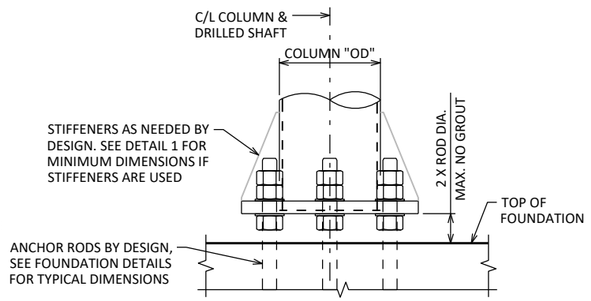


RECOMMENDED BOLT DETAIL WITH DTI WASHER

NUT IS TURNED ELEMENT



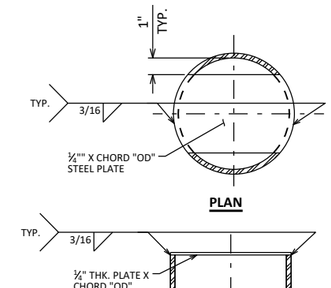


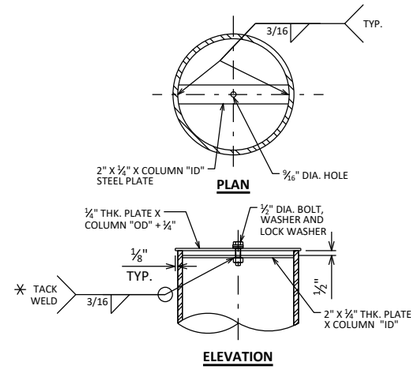


PREFERRED BASE PLATE CONNECTION

LOOKING AT F.F. OF STRUCTURE.

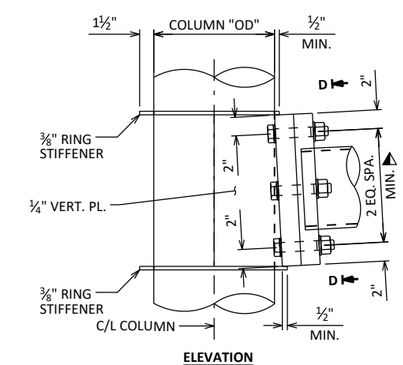
ALTERNATE BASE PLATE DESIGNS ALLOWED.

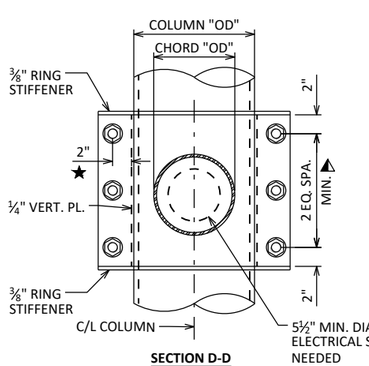




TOWER CAP DETAIL

✳ PLACE TACK WELD EVERY OTHER FLAT TO SECURE NUT. ALTERNATE: USE ½" THK. PL. AND DRILL AND TAP HOLE FOR BOLT.

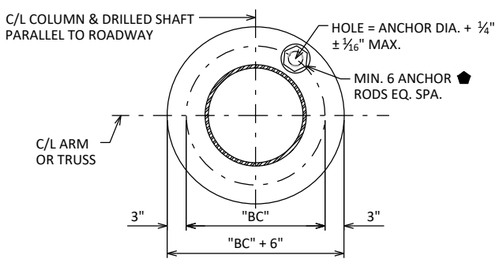




CANTILEVER POST TO CHORD CONNECTION

MIN. (6) 1" GALVANIZED A325 HEAVY HEX BOLT, NUT, DTI WASHER AND WASHER

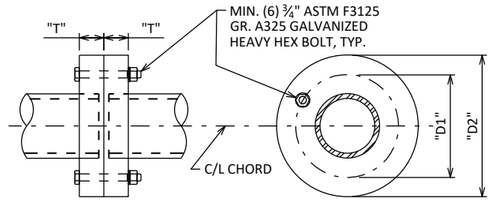
★ MIN. DIMENSIONS MEASURED FROM EXT. FACE OF VERTICAL PLATE.



BASE PLATE

"BC" = COLUMN "OD" + 6"

⬟ ANCHOR SIZE AND ORIENTATION TO BE VERIFIED WITH SHOP DRAWINGS.



CHORD SPLICE DETAIL

"D1" = COLUMN "OD" + (1.5 x DB)

"D2" = COLUMN "OD" + (3 x DB)

"T" = (BY DESIGN)

DB = BOLT DIAMETER (BY DESIGN)

CHORD CAP DETAIL

CANTILEVERS ONLY

NOTES:

MINIMUM VALUES SHOWN. ALL CONNECTIONS ARE TO BE DESIGNED FOR ACTUAL STRUCTURAL LOADS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: JAN. 2023

DRAWN BY BOS | PLANS CK'D BOS

MONOTUBE & 2-CHORD TRUSS CONNECTIONS 1

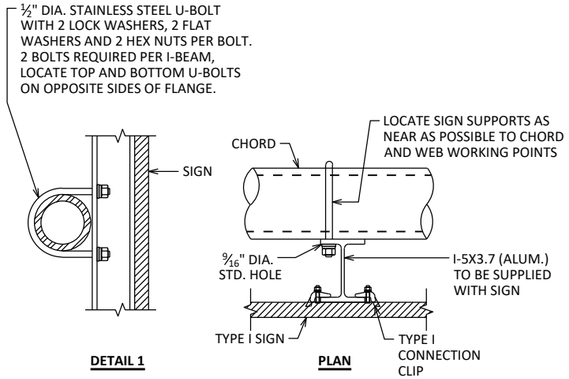
SHEET 3 OF 6

863

SCALE = 2.0

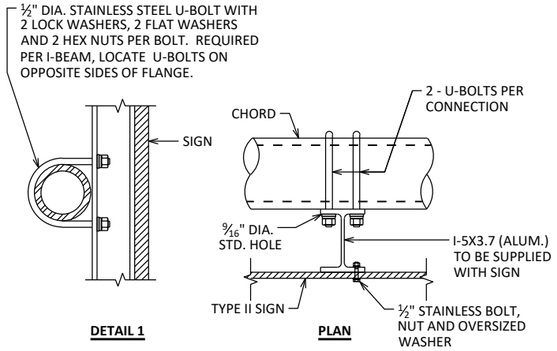
8

8



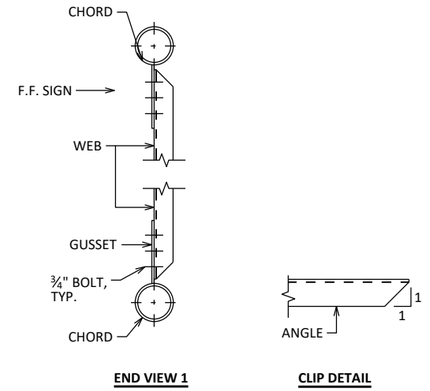
2-CHORD TRUSS SIGN CONNECTION

TYPE I SIGN PANEL SHOWN.
SEE SIGN PLATE MANUAL A4-7A AND A4-7BFOR DETAILS.
ALUMINUM I-5X3.7 I-BEAMS ARE TO BE SUPPLIED WITH SIGN PANEL, HARDWARE TO BE SUPPLIED BY THE CONTRACTOR.



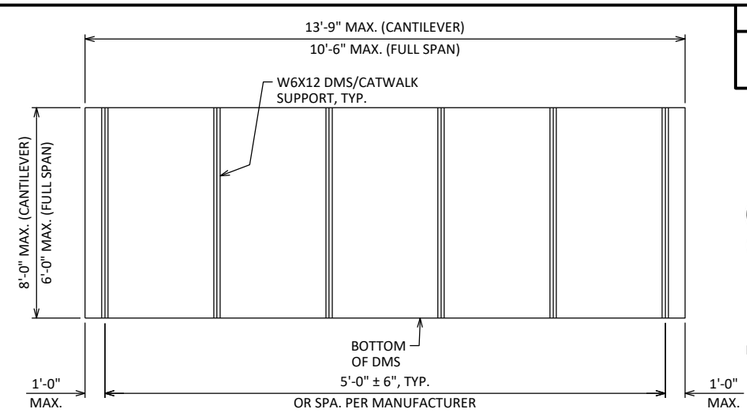
MONOTUBE SIGN CONNECTION

TYPE II SIGN PANEL SHOWN.
SEE SIGN PLATE MANUAL A4-7A AND A4-7B FOR DETAILS.
ALUMINUM I-5X3.7 I-BEAMS ARE TO BE SUPPLIED WITH SIGN PANEL, HARDWARE TO BE SUPPLIED BY THE CONTRACTOR.



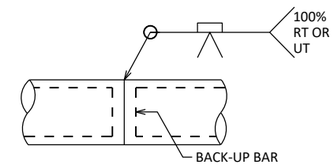
TRUSS CONNECTION DETAILS

MEMBER ORIENTATION FOR BOLTED CONNECTIONS SHOWN, WELDED CONNECTIONS SIMILAR.
ANGLES PREFERRED, OTHER WEB DESIGNS ALLOWED.



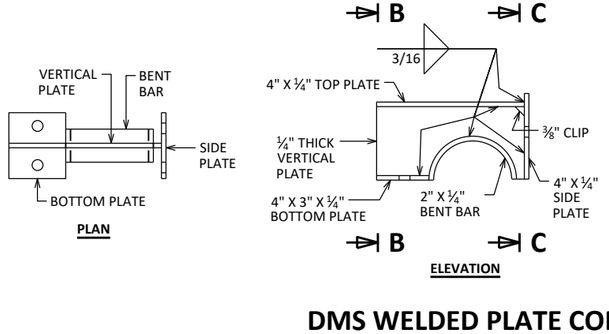
DMS MOUNTING POST DETAIL

POST SPACING MAY BE ADJUSTED AS REQUIRED IF SPACING CONFLICTS WITH GUSSET PLATES OF TRUSS WITHIN TOLERANCES NOTED.



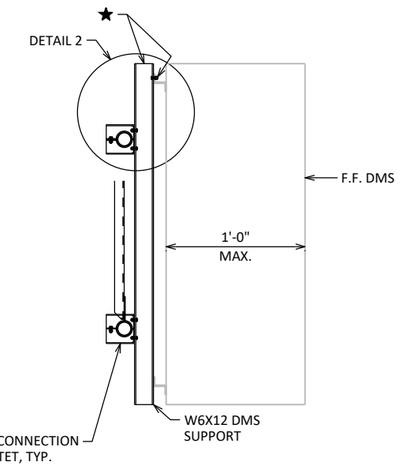
CHORD SPLICE

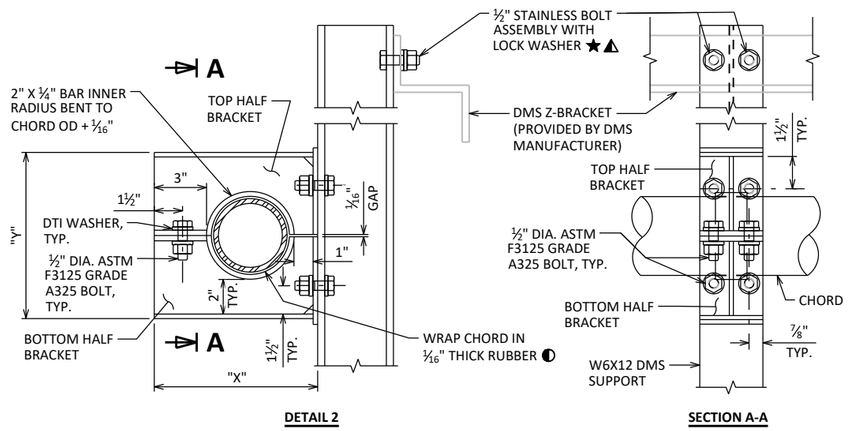
SEPARATE OPTIONAL SPLICE FROM GUSSET PLATES BY 6" MIN.



DMS WELDED PLATE CONNECTION DETAILS

TOP HALF OF BRACKET SHOWN, BOTTOM HALF SIMILAR.





CHORD "OD"	"X"	"Y"
"OD"	"OD" + $4\frac{13}{16}$"	"OD" + $5\frac{5}{16}$"

SECTION THRU TRUSS - DMS

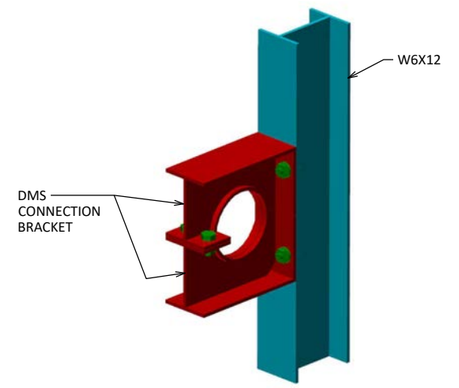
FOR DMS/CATWALK CONNECTIONS

★ W6X12 SUPPORTS AND HARDWARE ARE TO BE SUPPLIED BY THE CONTRACTOR. ½" STAINLESS BOLT, NUT, WASHER AND LOCK WASHER REQUIRED, 4 PER W6X12

TYPICAL DMS CONNECTION

◐ NEOPRENE, GRADE 45±5, OTHERWISE MEETING THE REQUIREMENTS OF STD. SPEC. 506.2.6.1

⚠ IF DMS CONNECTION BRACKET IS USED WITH A TYPE II SIGN PANEL, THE BOLT HOLE MUST BE GALVANIZED AND A STAINLESS WASHER USED BETWEEN THE I-BEAM AND SIGN PANEL.



3-D VIEW OF DMS CONNECTION

CHORD NOT SHOW FOR CLARITY

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: OCT. 2023

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MONOTUBE & 2-CHORD TRUSS CONNECTIONS 2

SHEET 4 OF 6
864

STATE PROJECT NUMBER
3170-09-70

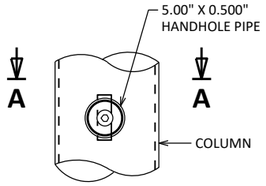
8

8

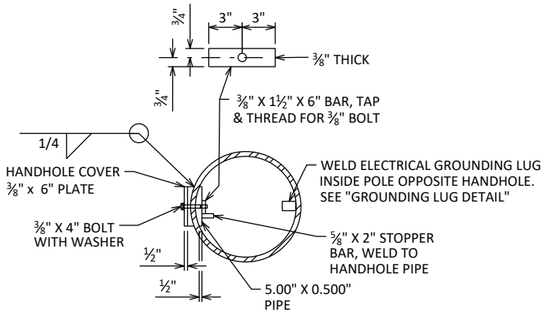
SCALE = 4.0

STATE PROJECT NUMBER

3170-09-70



ELEVATION

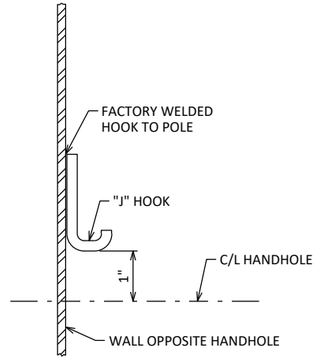


SECTION A-A

HANDHOLE DETAILS

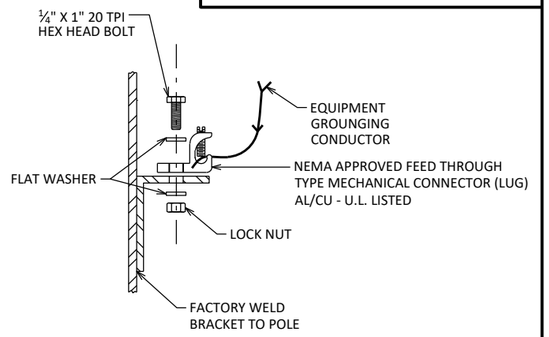
HANDHOLES SHALL BE LOCATED IN ONE COLUMN OF THE SIGN BRIDGE STRUCTURE IF ELECTRICALLY OPERATED DEVICES ARE INSTALLED ON/IN THE STRUCTURE. COLUMNS WITH HANDHOLES SHALL BE NEAR THE ELECTRICAL SERVICE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE ELECTRICAL SERVICE ENTRANCE WITH THE REGION TRAFFIC SECTION PRIOR TO FABRICATION OF THE SIGN BRIDGE COLUMNS AND MEMBERS. CONDUIT (AS REQ'D.) SHALL BE LOCATED, PLACED AND SIZED AS SHOWN ON THE ELECTRICAL PLAN DETAIL SHEETS.

UNLESS OTHERWISE NOTED, ALL HANDHOLE ELEMENTS TO BE GALVANIZED PER THE WISDOT STANDARD SPECIFICATIONS.



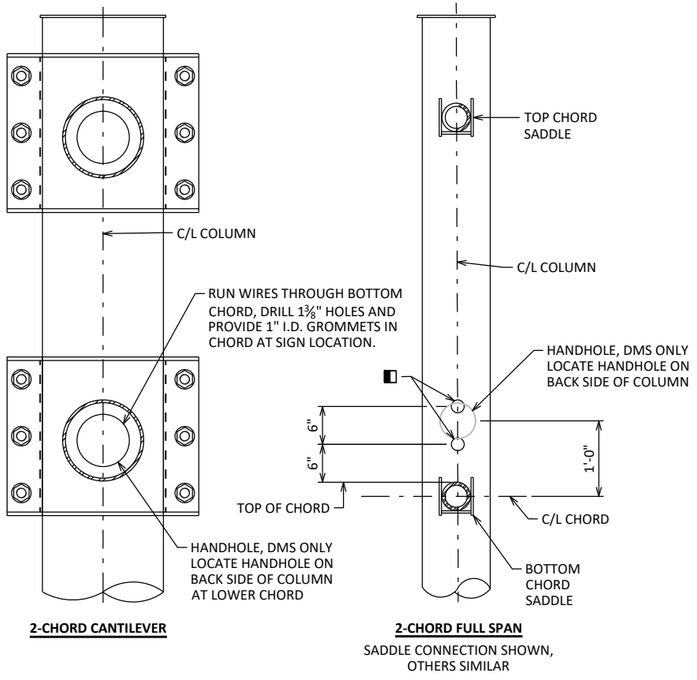
TYPICAL "J" HOOK LOCATION

THE "J" HOOK SHALL BE FACTORY WELDED TO THE INSIDE OF THE COLUMN CONTAINING ELECTRICAL WIRING. THE "J" HOOK SHALL BE ATTACHED ABOVE THE CENTERLINE OF THE UPPER HANDHOLE AND MOUNTED DIRECTLY OPPOSITE THE HANDHOLE AS SHOWN IN THE DRAWING.



GROUNDING LUG DETAIL

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



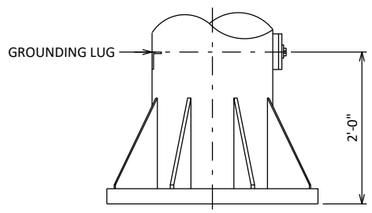
2-CHORD CANTILEVER

2-CHORD FULL SPAN

SADDLE CONNECTION SHOWN, OTHERS SIMILAR

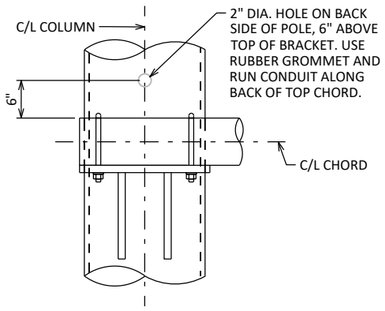
CONDUIT HOLE LOCATIONS

◧ 2" HOLE WITH STANDARD PIPE THREADS, USE THREADED CONDUIT PLUG FOR UNUSED HOLES

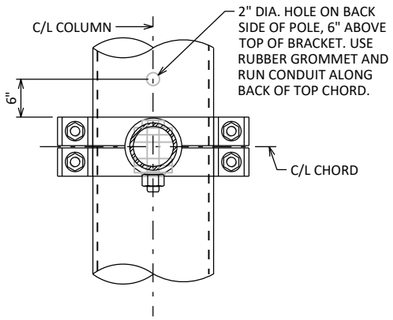


GROUNDING LUG LOCATION

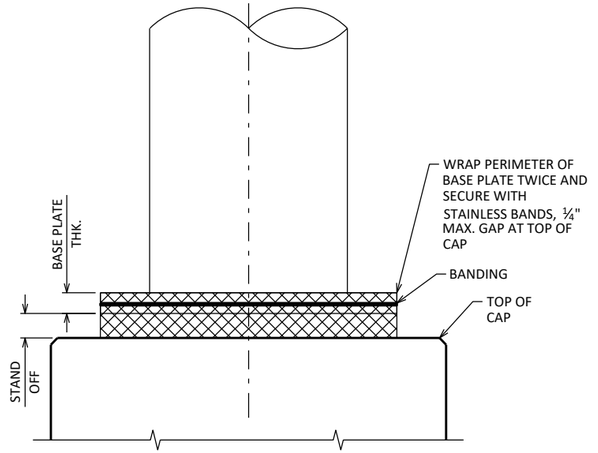
LOOKING AT THE F.F. OF STRUCTURE



FULL SPAN STIFFENED BEARING CONNECTION

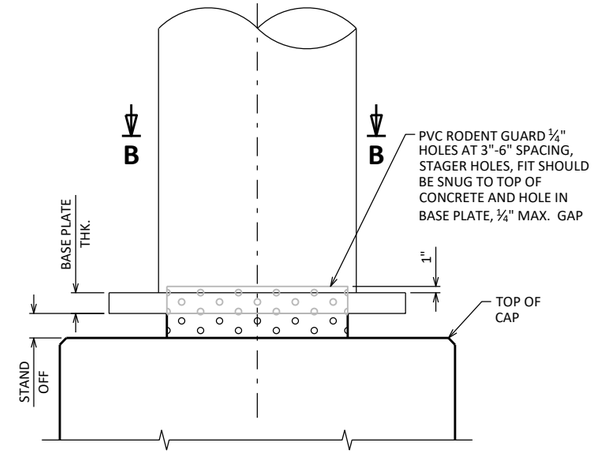


FULL SPAN CLAMP CONNECTION



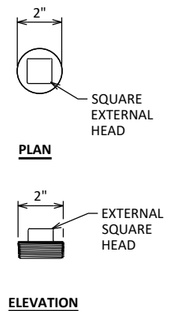
RODENT SCREEN

ONLY REQ'D WHEN ELECTRICAL DEVICES ARE PRESENT
ANCHOR RODS NOT SHOWN

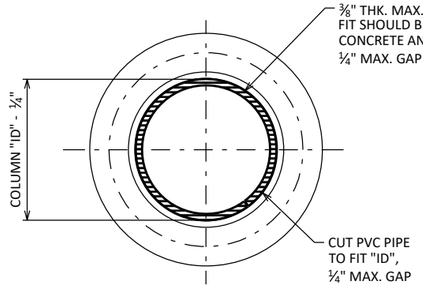


RODENT SCREEN - ALTERNATE

ONLY REQ'D WHEN ELECTRICAL DEVICES ARE PRESENT
ANCHOR RODS NOT SHOWN



CONDUIT PLUG DETAILS



SECTION B-B

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: OCT. 2024

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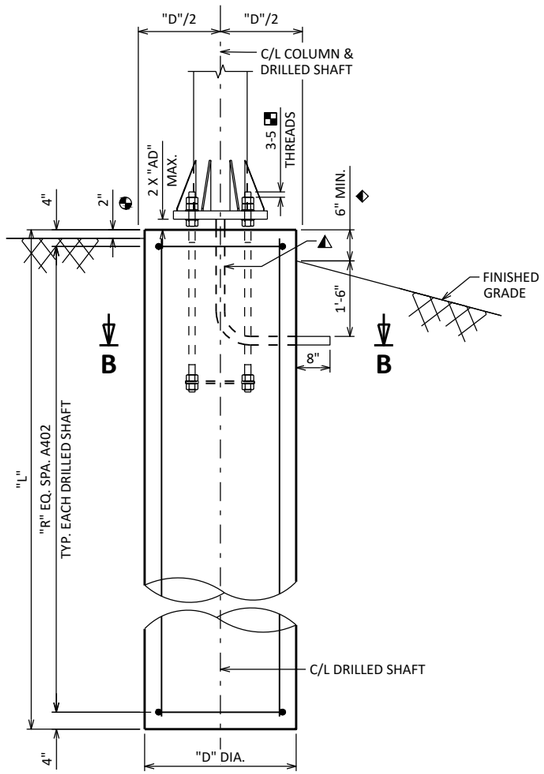
MONOTUBE & 2-CHORD TRUSS ELECTRICAL DETAILS

SHEET 5 OF 6
865

SCALE = 2.0

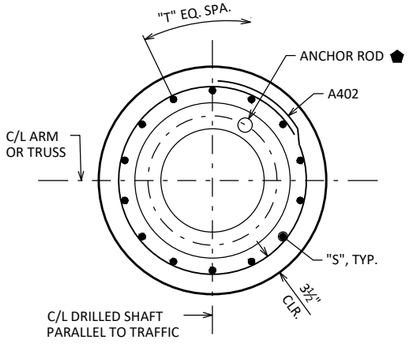
8

8



ELEVATION

- TYPICAL FOR DRILLED SHAFT FOOTINGS INSTALLED ADJACENT TO SIDEWALKS OR BEHIND CURB AND GUTTER ON LOW SPEED ROADS. TOP OF SHAFT SHALL BE FLUSH IF SURROUNDED BY CONCRETE AND 2" ABOVE FINISHED GRADE FOR ALL OTHER SURFACES.
- TYPICAL FOR EACH DRILLED SHAFT FOOTING INSTALLED ADJACENT TO ROADWAY FACILITIES OR ON SIDE SLOPES WITHIN CLEAR ZONE. BARRIER OR BEAMGUARD MAY BE REQUIRED.



SECTION B-B

TYPICAL FOR EACH DRILLED SHAFT FOOTING

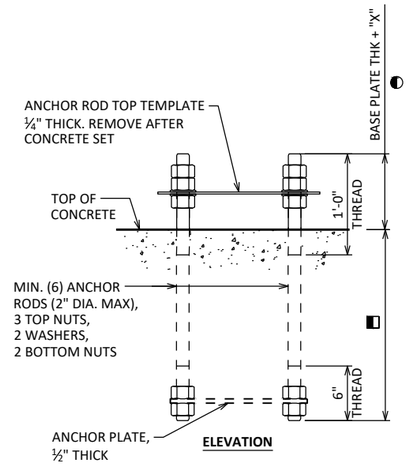
FOUNDATION DIMENSION DATA

STANDARD DESIGN TYPE	FOUNDATION DIMENSIONS						
	"A"	"D"	"L"	"R"	"S"	"T"	"BC" MAX.
MFI	1'-11"	2'-6"	12'-0"	12	A801	10	1'-5"
MCI/MCII/TFI	1'-11"	2'-6"	17'-0"	17	A801	10	1'-5"
MFII	2'-5"	3'-0"	13'-0"	13	A801	14	1'-10"
TCI	2'-5"	3'-0"	18'-0"	18	A801	14	1'-10"
TFII	2'-5"	3'-0"	20'-0"	20	A801	14	1'-10"
MCIII/TCII/TFIII	2'-11"	3'-6"	18'-0"	18	A901	14	2'-4"
MCIV/TFIV	2'-11"	3'-6"	23'-0"	23	A901	14	2'-4"
TCIII	3'-5"	4'-0"	23'-0"	23	A1001	14	2'-10"
TCIV	3'-5"	4'-0"	28'-0"	28	A1001	14	2'-10"

ESTIMATED QUANTITIES - FOUNDATION

STANDARD DESIGN TYPE	CONCRETE MASONRY	STEEL REINFORCEMENT HS	FOUNDATION DRILLING (DIA.) (LF)			
	(CY)	(LBS)	30"	36"	42"	48"
MFI	2.2	380	12	---	---	---
MCI/MCII/TFI	3.1	540	17	---	---	---
MFII	3.4	560	---	13	---	---
TCI	4.7	780	---	18	---	---
TFII	5.2	870	---	20	---	---
MCIII/TCII/TFIII	6.4	980	---	---	18	---
MCIV/TFIV	8.2	1,250	---	---	23	---
TCIII	10.7	1,570	---	---	---	23
TCIV	13.0	1,910	---	---	---	28

✶✶ QUANTITIES ARE FOR INFORMATION ONLY AND ARE BASED ON A SINGLE DRILLED SHAFT. MULTIPLY BY 2 FOR FULL SPAN STRUCTURES.



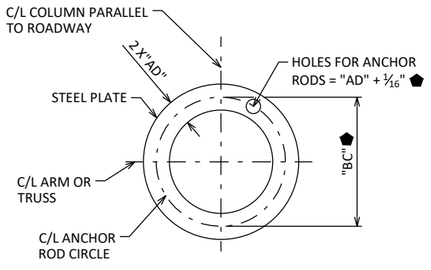
ANCHOR ROD ASSEMBLY DETAILS

◧ ANCHOR RODS PER ASSEMBLY TO BE DESIGNED BY CONTRACTOR AND SHOWN ON SHOP DRAWINGS. SHOW DIAMETER, NUMBER, ORIENTATION AND EMBEDMENT OF ANCHOR RODS.

CENTER ANCHOR ROD ASSEMBLY AND ENSURE ASSEMBLY IS PLUMB. MAINTAIN ANCHOR ROD PROJECTION ABOVE TOP OF CONCRETE AS DETAILED. ANCHOR ROD ASSEMBLY SHALL BE RIGIDLY SECURED IN POSITION DURING AND AFTER CONCRETE PLACEMENT. DO NOT WELD THE ANCHORS.

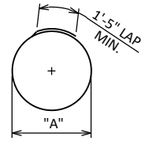
ANCHOR DIAMETER "AD"	MAX. STICK OUT ◐
	"X"
1"	5"
1¼"	6"
1½"	7"
1¾"	8"
2"	9"

◐ ADD BASE PLATE THICKNESS TO VALUE SHOWN FOR MAX. STICK OUT DIMENSION. CONTRACTOR TO COORDINATE WITH FABRICATOR FOR PROPER ANCHOR PLACEMENT.



ANCHOR PLATE & TOP TEMPLATE

⬟ ANCHOR SIZE, BOLT CIRCLE, AND POSITION TO BE VERIFIED WITH SHOP DRAWINGS.



A402

LEGEND

◪ ANCHOR ROD STICK OUT IN FINAL CONDITION. EXCESSIVE STICK OUT BEYOND DIMENSION SHOWN TO BE CUT OFF AFTER PLACING STRUCTURE. ANCHORS TO BE ULTRASONIC TESTED TO DETERMINE EMBEDDED LENGTH MEETS REQUIREMENTS PRIOR TO CUTTING. NOTE REMAINING LENGTH ON AS-BUILT.

◭ 2 - 2" DIA. NON-METALLIC CONDUITS. INSTALL ONLY WITH DMS. EXTEND CONDUITS AS SHOWN AND CAP OR SEAL EACH END WITH A SUITABLE REMOVABLE PLUG. PLACE CONDUITS UNDER COLUMN ADJACENT TO DMS. CONDUITS INCIDENTAL TO THE FOUNDATION BID ITEMS.

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BILL OF BARS

STATE PROJECT NUMBER

3170-09-70

STANDARD TYPE MFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		10	11'-8"			DRILLED SHAFT - VERTICAL
A402		13	7'-6"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCI/MCII/TFI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		10	16'-8"			DRILLED SHAFT - VERTICAL
A402		18	7'-6"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE MFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		14	12'-8"			DRILLED SHAFT - VERTICAL
A402		14	9'-1"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCI

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	9'-1"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TFII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A801		14	19'-8"			DRILLED SHAFT - VERTICAL
A402		21	9'-1"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIII/TCII/TFIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		14	17'-8"			DRILLED SHAFT - VERTICAL
A402		19	10'-7"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPES MCIV/TFIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A901		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	10'-7"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCIII

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	22'-8"			DRILLED SHAFT - VERTICAL
A402		24	12'-2"	X		DRILLED SHAFT - HORIZONTAL

STANDARD TYPE TCIV

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A1001		14	27'-8"			DRILLED SHAFT - VERTICAL
A402		29	12'-2"	X		DRILLED SHAFT - HORIZONTAL

✶✶ VALUES IN BAR TABLES ARE FOR A SINGLE FOUNDATION ONLY. MULTIPLY BY 2 FOR FULL ✶✶ SPAN STRUCTURES.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

UPDATED: OCT. 2024

DRAWN BY BOS | PLANS CK'D BOS

MONOTUBE & 2-CHORD TRUSS FOUNDATIONS

SHEET 6 OF 6
866

SCALE = 3.0

8

Project ID: 3170-09-71
Division 1A/2A - STH 50

		Area (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		
STATION	Distance	Cut	Salvaged/ Unusable Pavement Material	Fill	Cut	Salvaged/ Unusable Pavement Material	Fill	Cut 1.00	Expanded Fill 1.25	Mass Ordinate
617+93	0	169.2	0.0	0.0	0	0	0	0	0	0
617+95	2	167.9	0.0	0.0	12	0	0	12	0	12
618+00	5	165.1	0.0	0.0	31	0	0	43	0	43
618+05	5	151.8	0.0	0.1	29	0	0	73	0	73
618+10	5	116.2	0.0	5.3	25	0	0	97	1	97
618+15	5	85.9	0.0	4.8	19	0	1	116	2	114
618+20	5	72.0	0.0	0.3	15	0	0	131	2	128
618+25	5	68.0	0.0	0.5	13	0	0	144	2	141
618+30	5	70.8	0.0	0.5	13	0	0	157	3	154
618+35	5	78.0	0.0	0.8	14	0	0	170	3	168
618+40	5	89.2	0.0	0.4	15	0	0	186	3	183
618+45	5	104.9	0.0	0.3	18	0	0	204	3	201
618+50	5	279.8	0.0	0.6	36	0	0	239	3	236
618+55	5	338.6	0.0	0.3	57	0	0	297	3	294
618+60	5	336.6	0.0	0.5	63	0	0	359	3	356
618+65	5	333.8	0.0	0.2	62	0	0	421	3	418
618+70	5	330.8	0.0	0.2	62	0	0	483	3	479
618+75	5	333.2	0.0	0.1	61	0	0	544	3	541
618+80	5	336.6	0.0	0.1	62	0	0	606	3	603
618+85	5	338.3	0.0	0.0	62	0	0	669	3	665
618+90	5	272.6	0.0	2.1	57	0	0	725	4	722
618+95	5	237.9	0.0	0.0	47	0	0	773	4	769
619+00	5	222.4	0.0	0.0	43	0	0	815	4	811
619+05	5	212.7	0.0	0.1	40	0	0	856	4	852
619+10	5	207.9	0.0	0.1	39	0	0	895	4	891
619+12	2	207.0	0.0	0.1	15	0	0	910	4	906
619+12	0	207.0	0.0	0.1	0	0	0	910	4	906
619+50	38	198.3	0.0	0.1	285	0	0	1,195	4	1,191
620+00	50	180.5	1.0	0.5	351	1	0	1,546	5	1,540
				Column total:	1,546	0	3			

Project ID: 3170-09-71
Division 2B - STH 50

STATION	Distance	Area (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		Mass Ordinate
		Cut	Salvaged/ Unusable Pavement Material	Fill	Cut	Salvaged/ Unusable Pavement Material	Fill	Cut 1.00	Expanded Fill 1.25	
620+00	0	0.0	0.0	0.5	0	0	0	0	0	0
620+32	32	172.1	0.0	0.4	102	0	1	102	1	101
620+39	7	167.5	0.0	0.7	45	0	0	147	1	146
620+45	6	169.7	0.0	0.5	37	0	0	184	1	183
620+50	5	177.3	0.0	0.5	32	0	0	216	1	215
620+55	5	190.3	0.0	1.5	34	0	0	250	1	248
620+60	5	246.8	0.0	8.2	40	0	1	290	2	288
620+65	5	302.2	0.0	0.4	51	0	1	341	3	338
620+70	5	301.5	0.0	0.5	56	0	0	397	4	393
620+75	5	298.7	0.0	0.4	56	0	0	453	4	449
620+80	5	298.8	0.0	0.5	55	0	0	508	4	504
620+85	5	303.7	0.0	0.6	56	0	0	564	4	560
620+90	5	309.1	0.0	0.5	57	0	0	620	4	616
620+95	5	295.0	0.0	2.8	56	0	0	676	4	672
621+00	5	191.3	0.0	0.6	45	0	0	721	5	717
621+05	5	179.5	0.0	0.7	34	0	0	756	5	751
621+10	5	174.7	0.0	0.6	33	0	0	789	5	783
621+15	5	172.6	0.0	0.6	32	0	0	821	5	815
621+15	0	172.7	0.0	0.5	2	0	0	823	5	817
621+50	35	178.5	0.0	0.1	226	0	0	1,048	6	1,043
622+00	50	176.2	0.0	0.3	328	0	0	1,377	6	1,370
622+35	35	171.9	0.0	0.2	228	0	0	1,605	7	1,598
622+50	15	169.0	0.0	19.6	92	0	5	1,697	13	1,684
623+00	50	173.8	0.0	23.7	317	0	40	2,014	63	1,951
623+16	16	173.6	0.0	0.0	105	0	7	2,119	72	2,047
623+38	22	181.1	0.0	21.6	142	0	9	2,261	83	2,178
623+50	12	181.0	0.0	44.4	81	0	15	2,342	102	2,241
624+00	50	185.7	0.0	28.2	340	0	67	2,682	186	2,496
624+10	10	184.7	0.0	23.7	70	0	10	2,752	198	2,554
624+50	40	183.5	0.0	17.9	271	0	31	3,023	236	2,787
624+98	48	185.0	0.0	0.0	330	0	16	3,353	256	3,097
625+00	2	184.3	0.0	0.0	11	0	0	3,364	256	3,108
625+42	42	184.6	0.0	0.0	289	0	0	3,654	256	3,397
625+50	8	187.3	0.0	0.0	53	0	0	3,706	256	3,450
626+00	50	189.9	0.0	0.0	349	0	0	4,056	257	3,799
626+50	50	174.2	0.0	0.0	337	0	0	4,393	257	4,136
626+71	21	164.0	0.0	6.9	134	0	3	4,527	260	4,267
626+75	4	163.3	0.0	7.0	21	0	1	4,548	261	4,287
626+80	5	167.7	0.0	8.0	31	0	1	4,579	263	4,316
626+85	5	176.4	0.0	9.1	32	0	2	4,611	265	4,346
626+90	5	197.7	0.0	11.3	35	0	2	4,646	267	4,378
626+95	5	253.3	0.0	9.3	42	0	2	4,687	270	4,418
627+00	5	255.9	0.0	7.4	47	0	2	4,735	272	4,463
627+05	5	253.2	0.0	7.3	47	0	1	4,782	273	4,508
627+10	5	252.3	0.0	6.5	47	0	1	4,828	275	4,554
627+15	5	254.9	0.0	7.8	47	0	1	4,875	277	4,599
627+20	5	254.8	0.0	8.5	47	0	2	4,923	278	4,644
627+25	5	238.2	0.0	9.3	46	0	2	4,968	280	4,688
627+30	5	194.0	0.0	10.6	40	0	2	5,008	283	4,726
627+35	5	171.6	0.0	8.4	34	0	2	5,042	285	4,757
627+40	5	154.5	0.0	6.1	30	0	1	5,072	287	4,786
627+45	5	144.5	0.0	6.3	28	0	1	5,100	288	4,812

Project ID: 3170-09-71
Division 2B - STH 50

STATION	Distance	Area (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		Mass Ordinate
		Cut	Salvaged/ Unusable Pavement Material	Fill	Cut	Salvaged/ Unusable Pavement Material	Fill	Cut 1.00	Expanded Fill 1.25	
627+50	5	139.0	0.0	5.2	26	0	1	5,126	289	4,837
627+53	3	137.1	0.0	5.4	17	0	1	5,144	290	4,853
628+00	47	139.6	0.0	0.2	239	0	5	5,382	296	5,086
628+04	4	139.6	0.0	0.2	21	0	0	5,404	296	5,107
628+05	1	140.4	0.0	0.2	5	0	0	5,408	296	5,112
628+10	5	150.7	0.0	0.3	27	0	0	5,435	296	5,139
628+15	5	156.3	0.0	0.3	28	0	0	5,464	296	5,167
628+20	5	186.8	0.0	0.2	32	0	0	5,495	296	5,199
628+25	5	228.1	0.0	0.3	38	0	0	5,534	297	5,237
628+30	5	236.4	0.0	0.2	43	0	0	5,577	297	5,280
628+35	5	232.0	0.0	0.1	43	0	0	5,620	297	5,324
628+40	5	224.1	0.0	0.2	42	0	0	5,662	297	5,366
628+45	5	214.3	0.0	0.1	41	0	0	5,703	297	5,406
628+50	5	205.2	0.0	0.1	39	0	0	5,742	297	5,445
628+55	5	193.1	0.0	0.1	37	0	0	5,779	297	5,482
628+60	5	154.0	0.0	0.1	32	0	0	5,811	297	5,514
628+65	5	112.8	0.0	0.4	25	0	0	5,836	297	5,539
628+70	5	104.8	0.0	0.0	20	0	0	5,856	297	5,559
628+71	1	103.5	0.0	0.0	5	0	0	5,860	297	5,564
629+00	29	95.9	0.0	0.9	106	0	1	5,967	297	5,669
629+50	50	98.6	0.0	0.8	180	0	2	6,147	299	5,847
630+00	50	104.9	0.0	0.0	188	0	1	6,335	300	6,035
630+50	50	113.9	0.0	0.0	203	0	0	6,538	300	6,237
630+53	3	114.5	0.0	0.0	11	0	0	6,549	300	6,249
631+00	47	113.6	0.0	0.0	200	0	0	6,749	300	6,449
631+18	18	114.7	0.0	0.0	75	0	0	6,824	300	6,524
631+50	32	109.8	0.0	0.2	134	0	0	6,958	300	6,658
631+88	38	109.8	0.0	0.0	156	0	0	7,114	301	6,813
632+00	12	113.4	0.0	0.4	48	0	0	7,162	301	6,861
632+20	20	106.2	0.0	0.0	81	0	0	7,243	301	6,942
632+50	30	107.6	0.0	0.4	119	0	0	7,362	301	7,061
633+00	50	104.9	0.0	0.0	197	0	0	7,559	302	7,257
633+01	1	104.7	0.0	0.0	3	0	0	7,562	302	7,261
633+50	49	111.0	0.0	0.0	196	0	0	7,758	302	7,457
633+61	11	110.9	0.0	0.0	45	0	0	7,804	302	7,502
634+00	39	111.5	0.0	0.3	161	0	0	7,964	302	7,663
634+50	50	109.6	0.0	0.8	205	0	1	8,169	303	7,866
635+00	50	107.5	0.0	0.0	201	0	1	8,370	304	8,066
635+13	13	105.5	0.0	0.0	51	0	0	8,421	304	8,117
635+50	37	112.0	0.0	0.0	149	0	0	8,570	304	8,266
636+00	50	111.3	0.0	0.7	207	0	1	8,777	305	8,472
636+50	50	112.6	0.0	0.1	207	0	1	8,984	306	8,679
637+00	50	112.7	0.0	0.0	209	0	0	9,193	306	8,887
637+50	50	117.3	0.0	0.0	213	0	0	9,406	306	9,100
638+00	50	106.5	0.0	0.5	207	0	0	9,613	306	9,307
638+35	35	105.2	0.0	0.0	139	0	0	9,752	307	9,445
638+50	15	103.2	0.0	0.0	57	0	0	9,808	307	9,501
639+00	50	116.5	0.0	0.6	203	0	1	10,012	307	9,704
639+05	5	146.8	0.0	0.4	24	0	0	10,036	308	9,728
639+10	5	176.2	0.0	0.3	30	0	0	10,066	308	9,758
639+15	5	205.9	0.0	1.0	35	0	0	10,101	308	9,794
639+20	5	238.0	0.0	0.8	41	0	0	10,142	308	9,834

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Division 2B - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
639+25	5	245.9	0.0	1.3	45	0	0	10,187	308	9,879
639+30	5	248.0	0.0	0.8	46	0	0	10,233	308	9,924
639+35	5	249.5	0.0	1.0	46	0	0	10,279	309	9,970
639+40	5	244.0	0.0	0.0	46	0	0	10,325	309	10,016
639+45	5	230.2	0.0	0.1	44	0	0	10,369	309	10,060
639+50	5	226.4	0.0	0.2	42	0	0	10,411	309	10,102
639+55	5	234.1	0.0	0.2	43	0	0	10,454	309	10,145
639+60	5	252.6	0.0	0.2	45	0	0	10,499	309	10,190
639+65	5	302.6	0.0	0.4	51	0	0	10,550	309	10,241
639+70	5	316.9	0.0	0.5	57	0	0	10,607	309	10,298
639+75	5	316.8	0.0	0.0	59	0	0	10,666	309	10,357
639+80	5	318.2	0.0	0.1	59	0	0	10,725	309	10,416
639+85	5	317.5	0.0	0.4	59	0	0	10,784	309	10,475
639+90	5	263.5	0.0	0.8	54	0	0	10,837	309	10,528
639+95	5	173.9	0.0	2.0	40	0	0	10,878	310	10,568
640+00	5	110.4	0.0	2.1	26	0	0	10,904	310	10,594
640+05	5	105.5	0.0	0.2	20	0	0	10,924	310	10,614
640+10	5	104.3	0.0	0.1	19	0	0	10,944	310	10,633
640+15	5	105.1	0.0	0.4	19	0	0	10,963	310	10,653
640+20	5	106.0	0.0	0.4	20	0	0	10,983	311	10,672
640+25	5	105.6	0.0	0.2	20	0	0	11,002	311	10,692
640+30	5	105.3	0.0	0.1	20	0	0	11,022	311	10,711
640+33	3	105.0	0.0	0.0	11	0	0	11,032	311	10,722
640+50	17	97.3	0.0	0.3	65	0	0	11,097	311	10,786
640+82	32	107.9	0.0	0.0	123	0	0	11,220	311	10,909
641+00	18	106.8	0.0	0.1	70	0	0	11,290	311	10,979
641+15	15	106.2	0.0	0.7	59	0	0	11,349	311	11,038
641+38	23	108.9	0.0	0.0	93	0	0	11,442	312	11,131
641+50	12	108.9	0.0	0.3	47	0	0	11,489	312	11,178
642+00	50	108.7	0.0	2.6	201	0	3	11,691	315	11,376
642+50	50	115.7	0.0	0.5	208	0	3	11,899	319	11,580
642+74	24	117.0	0.0	0.0	105	0	0	12,004	319	11,685
642+76	1	117.0	0.0	0.0	5	0	0	12,009	319	11,690
643+00	24	118.6	0.0	0.0	106	0	0	12,115	319	11,796
643+15	15	118.3	0.0	0.0	64	0	0	12,179	319	11,860
643+50	35	116.9	0.0	0.5	155	0	0	12,334	319	12,014
643+79	29	118.1	0.0	0.0	128	0	0	12,461	320	12,141
644+00	21	116.1	0.0	0.0	90	0	0	12,551	320	12,231
644+50	50	114.7	0.0	0.1	214	0	0	12,765	320	12,445
644+77	27	118.0	0.0	0.0	115	0	0	12,880	320	12,560
645+00	23	118.4	0.0	0.0	102	0	0	12,982	320	12,662
645+47	47	118.5	0.0	0.0	205	0	0	13,187	320	12,867
645+50	3	118.7	0.0	0.0	14	0	0	13,201	320	12,881
645+72	22	120.2	0.0	0.0	98	0	0	13,299	320	12,979
645+84	11	120.9	0.0	0.0	51	0	0	13,350	320	13,030
646+00	16	122.0	0.0	0.0	74	0	0	13,424	320	13,104
646+29	29	117.7	0.0	0.2	128	0	0	13,552	320	13,232
646+44	16	114.8	0.0	0.2	67	0	0	13,619	320	13,299
646+50	6	114.9	0.0	0.1	23	0	0	13,643	320	13,322
647+00	50	112.6	0.0	0.0	211	0	0	13,853	321	13,533
647+32	32	110.5	0.0	0.0	133	0	0	13,986	321	13,666
647+50	18	111.0	0.0	0.4	73	0	0	14,059	321	13,739

Project ID: 3170-09-71
Division 2B - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
647+95	45	110.1	0.0	1.4	185	0	2	14,244	323	13,922
648+00	5	113.8	0.0	0.0	21	0	0	14,265	323	13,942
648+05	5	121.9	0.0	0.0	22	0	0	14,287	323	13,964
648+10	5	131.2	0.0	0.0	23	0	0	14,310	323	13,988
648+15	5	153.0	0.0	0.0	26	0	0	14,337	323	14,014
648+20	5	242.1	0.0	0.0	37	0	0	14,373	323	14,051
648+25	5	230.4	0.0	0.0	44	0	0	14,417	323	14,094
648+30	5	232.5	0.0	0.0	43	0	0	14,460	323	14,137
648+35	5	231.7	0.0	0.0	43	0	0	14,503	323	14,180
648+40	5	231.2	0.0	0.0	43	0	0	14,546	323	14,223
648+45	5	229.8	0.0	0.0	43	0	0	14,588	323	14,266
648+50	5	227.9	0.0	0.0	42	0	0	14,631	323	14,308
648+55	5	226.7	0.0	0.0	42	0	0	14,673	323	14,350
648+60	5	226.6	0.0	0.0	42	0	0	14,715	323	14,392
648+65	5	121.9	0.0	0.0	32	0	0	14,747	323	14,424
648+70	5	111.2	0.0	0.0	22	0	0	14,769	323	14,446
648+75	5	107.8	0.0	0.0	20	0	0	14,789	323	14,466
648+76	1	108.2	0.0	0.0	4	0	0	14,793	323	14,470
649+00	24	147.1	0.0	0.0	113	0	0	14,906	323	14,583
649+02	2	158.0	0.0	0.1	13	0	0	14,919	323	14,596
649+50	48	164.9	0.0	0.0	285	0	0	15,204	323	14,881
650+00	50	161.4	0.0	0.1	302	0	0	15,506	323	15,183
650+50	50	159.5	0.0	0.3	297	0	0	15,803	323	15,480
650+51	1	159.3	0.0	0.3	8	0	0	15,811	323	15,488
650+68	16	159.4	0.0	0.3	97	0	0	15,908	324	15,584
651+00	32	157.7	0.0	0.3	190	0	0	16,097	324	15,773
651+50	50	159.7	0.0	0.0	294	0	0	16,391	324	16,067
652+00	50	158.4	0.0	0.0	294	0	0	16,686	324	16,361
652+34	34	151.3	0.0	0.7	194	0	0	16,880	325	16,555
652+47	13	153.0	1.0	0.0	76	0	0	16,955	325	16,630
652+49	2	152.0	2.0	0.1	12	0	0	16,967	325	16,641
				Column totals	16,880	0	260			

PROJECT NO: 3170-09-70/71/81 | HWY: STH 50 | COUNTY: WALWORTH | EARTHWORK DATA | SHEET: 869 | E

FILE NAME : X:\BM1-3943 STH 50 Lake Geneva\05_Design\03_Roads\31700900\SheetsPlan\090100-ew.pptx PLOT DATE : August 1, 2026 PLOT BY : BLOOM COMPANIES PLOT NAME : PLOT SCALE : 1:1

Project ID: 3170-09-71
Division 2C - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
660+04	0	7.7	0.0	0.0	0	0	0	0	0	0
660+25	21	11.0	0.0	0.0	7	0	0	7	0	7
660+50	25	16.0	0.0	0.0	12	0	0	20	0	20
660+75	25	19.7	0.0	0.3	17	0	0	36	0	36
661+00	25	24.2	0.0	0.0	20	0	0	57	0	56
661+20	20	38.8	0.0	0.0	23	0	0	80	0	80
661+35	15	36.1	1.0	0.0	21	0	0	101	0	100
				Column totals	101	0	0			

Project ID: 3170-09-71
Division 3A - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
675+84	0	0.0	0.0	0.0	0	0	0	0	0	0
675+90	6	1.4	0.0	0.6	0	0	0	0	0	0
676+00	10	2.5	0.0	0.6	1	0	0	1	0	1
676+25	25	6.0	0.0	0.1	4	0	0	5	1	4
676+50	25	7.1	0.0	0.1	6	0	0	11	1	10
676+65	15	4.0	0.0	0.3	3	0	0	14	1	13
676+79	14	0.0	0.0	0.0	1	0	0	15	1	14
677+19	0	0.0	0.0	0.9	0	0	0	15	1	14
677+25	6	0.5	0.0	1.6	0	0	0	15	2	13
677+40	15	22.9	0.0	1.9	6	0	1	21	3	19
677+50	10	26.0	0.0	0.3	9	0	0	31	3	27
677+75	25	24.6	0.0	0.7	23	0	0	54	4	50
678+00	25	25.6	0.0	0.0	23	0	0	77	4	73
678+25	25	27.6	0.0	0.0	25	0	0	102	4	98
678+50	25	28.3	0.0	0.0	26	0	0	128	4	123
678+69	19	23.4	0.0	0.2	18	0	0	146	4	142
678+85	16	26.1	0.0	0.1	15	0	0	160	4	156
679+70	0	1.4	0.0	0.1	0	0	0	160	4	156
680+00	30	32.8	0.0	0.0	19	0	0	179	4	175
680+25	25	42.6	0.0	0.0	35	0	0	214	4	210
680+50	25	44.8	0.0	0.0	40	0	0	255	4	250
681+00	50	41.8	0.0	0.0	80	0	0	335	4	331
681+40	40	33.5	0.0	0.0	56	0	0	391	4	386
681+75	35	22.3	0.0	1.3	36	0	1	427	5	422
682+00	25	25.2	0.0	0.0	22	0	1	449	6	443
682+50	50	3.8	0.0	0.7	27	0	1	476	7	469
682+75	25	5.5	0.0	0.0	4	0	0	480	8	473
682+88	13	3.0	0.0	0.6	2	0	0	482	8	474
				Column totals	482	0	6			

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STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
660+98	0	83.4	0.0	0.0	0	0	0	0	0	0
661+00	2	84.4	0.0	0.0	7	0	0	7	0	7
661+22	22	92.8	0.0	0.0	71	0	0	78	0	78
661+25	4	98.8	0.0	0.0	12	0	0	90	0	90
661+30	5	118.6	0.0	0.0	20	0	0	110	0	110
661+35	5	208.5	0.0	0.0	30	0	0	141	0	141
661+40	5	209.7	0.0	0.0	39	0	0	179	0	179
661+45	5	210.3	0.0	0.0	39	0	0	218	0	218
661+50	5	213.4	0.0	0.0	39	0	0	258	0	258
661+55	5	218.2	0.0	0.0	40	0	0	298	0	298
661+59	4	222.4	0.0	0.0	35	0	0	332	0	332
661+60	1	223.0	0.0	0.0	6	0	0	338	0	338
661+65	5	221.0	0.0	0.0	41	0	0	379	0	379
661+70	5	217.0	0.0	0.0	41	0	0	420	0	420
661+75	5	212.7	0.0	0.0	40	0	0	460	0	460
661+80	5	211.0	0.0	0.0	39	0	0	499	0	499
661+85	5	211.8	0.0	0.0	39	0	0	538	0	538
661+90	5	123.8	0.0	0.0	31	0	0	569	0	569
661+95	5	109.1	0.0	0.0	22	0	0	591	0	591
661+99	4	107.5	0.0	0.0	15	0	0	606	0	606
662+00	1	106.5	0.0	0.0	5	0	0	611	0	611
662+50	50	106.9	0.0	0.0	198	0	0	808	0	808
663+00	50	108.3	0.0	0.0	199	0	0	1,008	0	1,008
663+50	50	103.3	0.0	0.0	196	0	0	1,203	0	1,203
664+00	50	104.8	0.0	0.0	193	0	0	1,396	0	1,396
664+46	46	102.3	0.0	0.1	176	0	0	1,572	0	1,572
664+50	4	102.4	0.0	0.1	16	0	0	1,588	0	1,588
665+00	50	106.3	0.0	0.0	193	0	0	1,781	0	1,781
665+50	50	104.2	0.0	0.0	195	0	0	1,976	0	1,976
665+60	10	104.8	0.0	0.0	38	0	0	2,014	0	2,014
665+60	0	104.8	0.0	0.0	1	0	0	2,015	0	2,014
665+65	5	104.3	0.0	0.0	18	0	0	2,032	0	2,032
665+70	5	109.1	0.0	0.0	21	0	0	2,054	0	2,054
665+75	5	141.0	0.0	0.0	23	0	0	2,077	0	2,077
665+80	5	193.4	0.0	0.0	31	0	0	2,108	0	2,108
665+85	5	198.3	0.0	0.0	36	0	0	2,144	0	2,144
665+90	5	203.8	0.0	0.0	37	0	0	2,181	0	2,181
665+95	5	204.7	0.0	0.0	38	0	0	2,219	0	2,219
666+00	5	203.0	0.0	0.0	38	0	0	2,257	0	2,257
666+05	5	200.4	0.0	0.0	37	0	0	2,294	0	2,294
666+10	5	197.0	0.0	0.0	37	0	0	2,331	0	2,331
666+10	0	197.1	0.0	0.0	0	0	0	2,331	0	2,331
666+15	5	199.7	0.0	0.0	37	0	0	2,368	0	2,368
666+20	5	201.6	0.0	0.0	37	0	0	2,405	0	2,405
666+25	5	203.4	0.0	0.0	37	0	0	2,442	0	2,442
666+30	5	202.3	0.0	0.0	38	0	0	2,480	0	2,480
666+35	5	200.0	0.0	0.0	37	0	0	2,517	0	2,517
666+40	5	196.5	0.0	0.0	37	0	0	2,554	0	2,554
666+45	5	136.9	0.0	0.0	31	0	0	2,585	0	2,585
666+50	5	117.1	0.0	0.0	24	0	0	2,608	0	2,608
666+55	5	109.4	0.0	0.0	21	0	0	2,629	0	2,629
666+59	4	108.3	0.0	0.0	18	0	0	2,647	0	2,647

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STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
667+00	41	108.7	0.0	0.0	163	0	0	2,810	0	2,810
667+50	50	112.0	0.0	0.0	204	0	0	3,015	0	3,014
668+00	50	114.4	0.0	0.0	210	0	0	3,224	0	3,224
668+50	50	111.4	0.0	0.0	209	0	0	3,433	0	3,433
669+00	50	105.5	0.0	0.0	201	0	0	3,634	0	3,634
669+50	50	101.3	0.0	0.0	192	0	0	3,826	0	3,825
670+00	50	97.5	97.5	0.0	184	90	0	4,010	0	3,919
670+21	21	98.3	98.3	0.0	75	75	0	4,085	0	3,919
670+25	4	102.7	102.7	0.0	16	16	0	4,101	0	3,919
670+30	5	116.1	116.1	0.0	20	20	0	4,121	0	3,919
670+35	5	193.8	193.8	0.0	29	29	0	4,150	0	3,919
670+40	5	197.6	197.6	0.0	36	36	0	4,186	0	3,919
670+45	5	202.8	202.8	0.0	37	37	0	4,223	0	3,919
670+50	5	206.5	206.5	0.0	38	38	0	4,261	0	3,919
670+55	5	207.2	207.2	0.0	38	38	0	4,299	0	3,919
670+60	5	208.2	208.2	0.0	38	38	0	4,338	0	3,919
670+60	0	208.3	208.3	0.0	4	4	0	4,341	0	3,919
670+65	5	209.2	209.2	0.0	35	35	0	4,376	0	3,919
670+70	5	210.2	210.2	0.0	39	39	0	4,415	0	3,919
670+75	5	211.7	211.7	0.0	39	39	0	4,454	0	3,919
670+80	5	212.7	212.7	0.0	39	39	0	4,494	0	3,919
670+85	5	212.0	212.0	0.0	39	39	0	4,533	0	3,919
670+90	5	145.4	145.4	0.0	33	33	0	4,566	0	3,919
670+95	5	117.6	117.6	0.0	24	24	0	4,590	0	3,919
671+00	5	105.7	105.7	0.0	21	21	0	4,611	0	3,919
671+05	5	97.3	97.3	0.0	19	19	0	4,630	0	3,919
671+12	7	92.3	92.3	0.8	25	25	0	4,654	0	3,919
671+50	38	85.8	0.0	1.1	125	65	1	4,780	2	3,978
672+00	50	88.6	0.0	1.2	161	0	2	4,941	4	4,137
672+50	50	92.2	0.0	0.5	167	0	2	5,108	6	4,302
673+00	50	92.8	0.0	0.7	171	0	1	5,280	8	4,472
673+50	50	96.6	0.0	0.6	175	0	1	5,455	9	4,646
674+00	50	96.6	0.0	0.4	179	0	1	5,634	11	4,824
674+50	50	94.6	0.0	0.0	177	0	0	5,811	11	5,000
674+84	34	96.3	0.0	0.0	119	0	0	5,930	11	5,120
674+85	1	96.1	0.0	0.0	4	0	0	5,935	11	5,124
674+90	5	96.2	0.0	0.0	18	0	0	5,953	11	5,142
674+95	5	98.0	0.0	0.0	18	0	0	5,971	11	5,160
675+00	5	101.8	0.0	0.0	19	0	0	5,989	11	5,178
675+05	5	106.4	0.0	0.0	19	0	0	6,008	11	5,198
675+10	5	113.3	0.0	0.0	20	0	0	6,029	11	5,218
675+15	5	121.4	0.0	0.0	22	0	0	6,051	11	5,240
675+20	5	129.8	0.0	0.0	23	0	0	6,074	11	5,263
675+25	5	143.2	0.0	0.0	25	0	0	6,099	11	5,288
675+30	5	161.2	0.0	0.0	28	0	0	6,127	11	5,316
675+35	5	183.4	0.0	0.0	32	0	0	6,159	11	5,348
675+40	5	208.3	0.0	0.0	36	0	0	6,195	11	5,385
675+45	5	232.8	0.0	0.0	41	0	0	6,236	11	5,425
675+50	5	255.4	0.0	0.0	45	0	0	6,281	11	5,471
675+55	5	279.4	0.0	0.0	50	0	0	6,331	11	5,520
675+60	5	304.3	0.0	0.0	54	0	0	6,385	11	5,574
675+65	5	322.1	0.0	0.0	58	0	0	6,443	11	5,632

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STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
675+70	5	253.9	0.0	0.0	53	0	0	6,496	11	5,686
675+75	5	199.9	0.0	0.0	42	0	0	6,538	11	5,728
675+80	5	160.3	0.0	0.0	33	0	0	6,572	11	5,761
675+85	5	124.3	0.0	0.0	26	0	0	6,598	11	5,787
675+88	3	105.5	0.0	0.0	11	0	0	6,609	11	5,799
676+00	12	98.6	0.0	0.0	47	0	0	6,656	11	5,845
676+50	50	93.6	0.0	0.0	178	0	0	6,834	11	6,023
677+00	50	76.6	0.0	1.2	158	0	1	6,992	12	6,179
677+50	50	54.3	0.0	6.9	121	0	7	7,113	22	6,291
677+91	41	45.6	0.0	0.2	75	0	5	7,188	28	6,360
678+00	9	46.5	0.0	0.0	16	0	0	7,204	28	6,376
678+16	16	46.8	0.0	0.0	28	0	0	7,232	28	6,404
678+38	22	46.1	46.1	0.0	38	19	0	7,270	28	6,423
678+50	12	47.6	47.6	0.0	20	20	0	7,290	28	6,423
679+00	50	48.5	48.5	3.8	89	89	4	7,379	33	6,418
679+24	24	52.5	0.0	2.7	44	21	3	7,423	36	6,438
679+50	26	53.8	0.0	2.5	52	0	3	7,475	39	6,487
680+00	50	52.8	52.8	1.7	99	49	4	7,574	44	6,532
680+50	50	62.8	62.8	3.2	107	107	4	7,681	50	6,526
681+00	50	63.1	0.0	3.2	117	58	6	7,798	57	6,577
681+50	50	76.0	0.0	1.5	129	0	4	7,926	63	6,701
681+81	31	76.9	0.0	0.0	87	0	1	8,013	64	6,786
682+00	19	77.0	0.0	0.0	55	0	0	8,068	64	6,841
682+50	50	72.9	0.0	4.2	139	0	4	8,207	69	6,975
682+77	27	78.2	0.0	8.5	74	0	6	8,282	76	7,042
				Column totals	8,282	1,163	61			

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STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
660+98	0	51.6	0.0	0.0	0	0	0	0	0	0
661+00	2	50.6	0.0	0.0	4	0	0	4	0	4
661+22	22	46.7	0.0	0.0	39	0	0	43	0	43
661+25	4	47.2	0.0	0.0	6	0	0	49	0	49
661+30	5	53.8	0.0	0.0	9	0	0	59	0	59
661+35	5	96.5	0.0	0.0	14	0	0	73	0	73
661+40	5	188.9	0.0	0.0	26	0	0	99	0	99
661+45	5	194.6	0.0	0.0	36	0	0	134	0	134
661+50	5	196.4	0.0	0.0	36	0	0	171	0	171
661+55	5	198.2	0.0	0.0	37	0	0	207	0	207
661+59	4	200.3	0.0	0.0	31	0	0	239	0	239
661+60	1	200.7	0.0	0.0	5	0	0	244	0	244
661+65	5	202.8	202.8	0.0	37	19	0	282	0	263
661+70	5	204.0	204.0	0.0	38	38	0	319	0	263
661+75	5	202.7	202.7	0.0	38	38	0	357	0	263
661+80	5	201.0	201.0	0.0	37	37	0	394	0	263
661+85	5	111.8	111.8	0.0	29	29	0	423	0	263
661+90	5	88.1	88.1	0.0	19	19	0	442	0	263
661+95	5	75.2	75.2	0.0	15	15	0	457	0	263
662+00	5	67.0	67.0	0.0	13	13	0	470	0	263
662+05	5	62.1	62.1	0.0	12	12	0	482	0	263
662+08	3	60.5	60.5	0.0	8	8	0	490	0	263
662+15	6	59.9	59.9	0.1	14	14	0	504	0	263
662+50	35	104.4	104.4	0.0	107	107	0	611	0	263
662+58	8	105.2	105.2	0.0	30	30	0	641	0	263
663+00	42	108.9	108.9	0.0	168	168	0	809	0	263
663+50	50	103.9	103.9	0.0	197	197	0	1,006	0	263
664+00	50	101.5	101.5	0.0	190	190	0	1,196	0	263
664+50	50	103.3	103.3	0.0	190	190	0	1,385	0	263
665+00	50	103.9	103.9	0.0	192	192	0	1,577	0	263
665+50	50	101.4	101.4	0.0	190	190	0	1,767	0	263
665+60	10	102.2	102.2	0.0	37	37	0	1,805	0	263
665+60	0	101.0	101.0	0.0	0	0	0	1,805	0	263
665+65	5	104.6	104.6	0.0	19	19	0	1,824	0	263
665+70	5	113.4	113.4	0.0	20	20	0	1,844	0	263
665+75	5	138.0	138.0	0.0	23	23	0	1,868	0	263
665+80	5	181.1	181.1	0.0	30	30	0	1,897	0	263
665+85	5	185.4	185.4	0.0	34	34	0	1,931	0	263
665+90	5	188.9	188.9	0.0	35	35	0	1,966	0	263
665+95	5	189.5	189.5	0.0	35	35	0	2,001	0	263
666+00	5	188.6	188.6	0.0	35	35	0	2,036	0	263
666+05	5	185.4	185.4	0.0	35	35	0	2,070	0	263
666+10	5	184.1	184.1	0.0	34	34	0	2,104	0	263
666+10	0	184.2	184.2	0.0	0	0	0	2,105	0	263
666+15	5	186.5	186.5	0.0	34	34	0	2,139	0	263
666+20	5	188.8	0.0	0.0	35	17	0	2,174	0	280
666+25	5	189.9	0.0	0.0	35	0	0	2,209	0	315
666+30	5	186.9	0.0	0.0	35	0	0	2,244	0	350
666+35	5	181.7	0.0	0.0	34	0	0	2,278	0	384
666+40	5	175.0	0.0	0.0	33	0	0	2,311	0	417
666+45	5	129.0	0.0	0.0	28	0	0	2,339	0	445
666+50	5	111.2	0.0	0.0	22	0	0	2,361	0	468

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STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
666+55	5	105.0	0.0	0.0	20	0	0	2,381	0	488
666+59	4	104.3	0.0	0.0	17	0	0	2,398	0	505
667+00	41	107.8	0.0	0.0	160	0	0	2,558	0	664
667+50	50	110.6	0.0	0.0	202	0	0	2,760	0	866
668+00	50	110.5	0.0	0.0	205	0	0	2,965	0	1,071
668+50	50	108.3	0.0	0.0	203	0	0	3,167	0	1,274
669+00	50	103.3	0.0	0.0	196	0	0	3,363	0	1,470
669+50	50	101.1	0.0	0.0	189	0	0	3,552	0	1,659
670+00	50	94.8	0.0	0.0	181	0	0	3,734	0	1,840
670+21	21	97.7	0.0	0.0	74	0	0	3,808	0	1,914
670+25	4	99.8	0.0	0.0	15	0	0	3,823	0	1,930
670+30	5	115.3	0.0	0.0	20	0	0	3,843	0	1,950
670+35	5	178.2	0.0	0.0	27	0	0	3,870	0	1,977
670+40	5	180.0	0.0	0.0	33	0	0	3,903	0	2,010
670+45	5	182.3	0.0	0.0	34	0	0	3,937	0	2,043
670+50	5	184.2	0.0	0.0	34	0	0	3,971	0	2,077
670+55	5	183.0	0.0	0.0	34	0	0	4,005	0	2,111
670+60	5	182.2	0.0	0.0	34	0	0	4,039	0	2,145
670+60	0	182.4	0.0	0.0	3	0	0	4,042	0	2,148
670+65	5	185.3	0.0	0.0	31	0	0	4,073	0	2,179
670+70	5	187.3	0.0	0.0	35	0	0	4,107	0	2,214
670+75	5	187.8	0.0	0.0	35	0	0	4,142	0	2,248
670+80	5	184.5	0.0	0.0	34	0	0	4,176	0	2,283
670+85	5	181.1	0.0	0.0	34	0	0	4,210	0	2,317
670+90	5	130.8	0.0	0.0	29	0	0	4,239	0	2,346
670+95	5	104.9	0.0	0.0	22	0	0	4,261	0	2,367
671+00	5	95.9	0.0	0.0	19	0	0	4,280	0	2,386
671+05	5	91.9	0.0	0.0	17	0	0	4,297	0	2,403
671+50	45	81.3	0.0	0.0	144	0	0	4,441	0	2,548
672+00	50	82.6	0.0	1.3	152	0	1	4,593	2	2,698
672+50	50	84.0	0.0	0.0	154	0	1	4,747	3	2,851
672+57	7	84.9	0.0	0.0	22	0	0	4,769	3	2,873
673+00	43	88.3	0.0	0.0	138	0	0	4,907	3	3,010
673+50	50	86.7	0.0	3.2	162	0	3	5,069	7	3,169
673+76	26	88.4	0.0	0.0	85	0	2	5,154	9	3,252
674+00	24	92.7	0.0	0.6	79	0	0	5,234	9	3,331
674+50	50	93.2	0.0	0.3	172	0	1	5,406	10	3,503
675+00	50	105.0	0.0	0.0	183	0	0	5,589	10	3,686
675+25	25	95.6	0.0	0.0	95	0	0	5,684	10	3,780
675+50	25	91.4	0.0	0.6	85	0	0	5,769	11	3,865
676+00	50	92.1	0.0	1.9	170	0	2	5,939	13	4,032
676+41	41	96.3	0.0	1.5	143	0	3	6,081	17	4,171
676+45	4	93.7	0.0	0.0	15	0	0	6,096	17	4,186
676+50	5	95.8	0.0	0.0	18	0	0	6,114	17	4,203
676+55	5	100.5	0.0	0.0	18	0	0	6,132	17	4,222
676+60	5	107.5	0.0	0.0	19	0	0	6,151	17	4,241
676+65	5	116.2	0.0	0.0	21	0	0	6,172	17	4,261
676+70	5	125.6	0.0	0.0	22	0	0	6,194	17	4,284
676+75	5	139.0	0.0	0.0	24	0	0	6,219	17	4,308
676+80	5	153.7	0.0	0.0	27	0	0	6,246	17	4,335
676+85	5	172.0	0.0	0.0	30	0	0	6,276	17	4,366
676+90	5	196.0	0.0	0.0	34	0	0	6,310	17	4,400

Project ID: 3170-09-71
Division 4B - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
676+95	5	219.5	0.0	0.0	38	0	0	6,348	17	4,438
677+00	5	240.8	0.0	0.0	43	0	0	6,391	17	4,481
677+05	5	259.3	0.0	0.0	46	0	0	6,437	17	4,527
677+10	5	254.6	0.0	0.0	48	0	0	6,485	17	4,575
677+15	5	238.7	0.0	0.0	46	0	0	6,531	17	4,620
677+20	5	220.6	0.0	0.0	43	0	0	6,573	17	4,663
677+25	5	169.5	0.0	0.0	36	0	0	6,609	17	4,699
677+30	5	123.0	0.0	0.0	27	0	0	6,636	17	4,726
677+35	5	92.1	0.0	0.0	20	0	0	6,656	17	4,746
677+39	4	91.4	0.0	4.1	12	0	0	6,669	17	4,758
677+50	11	88.9	0.0	4.9	38	0	2	6,707	20	4,794
678+00	50	88.7	0.0	6.9	164	0	11	6,871	33	4,944
678+50	50	91.7	0.0	4.6	167	0	11	7,038	46	5,098
678+60	10	91.8	0.0	0.0	35	0	1	7,073	48	5,132
678+65	5	94.1	0.0	0.0	16	0	0	7,089	48	5,148
678+70	5	100.2	0.0	0.0	18	0	0	7,107	48	5,166
678+75	5	111.5	0.0	0.0	20	0	0	7,127	48	5,186
678+80	5	136.2	0.0	0.0	23	0	0	7,150	48	5,209
678+85	5	196.4	0.0	0.0	31	0	0	7,181	48	5,240
678+90	5	194.9	0.0	0.0	36	0	0	7,217	48	5,276
678+95	5	195.1	0.0	0.0	36	0	0	7,253	48	5,312
679+00	5	194.3	0.0	0.0	36	0	0	7,289	48	5,348
679+05	5	191.5	0.0	0.0	36	0	0	7,325	48	5,384
679+10	5	190.5	0.0	0.0	35	0	0	7,360	48	5,419
679+15	5	189.6	0.0	0.0	35	0	0	7,395	48	5,454
679+20	5	189.7	0.0	0.0	35	0	0	7,430	48	5,489
679+24	4	191.4	0.0	0.0	25	0	0	7,455	48	5,514
679+25	1	192.4	0.0	0.0	10	0	0	7,466	48	5,525
679+30	5	195.7	0.0	0.0	36	0	0	7,502	48	5,561
679+35	5	199.2	0.0	0.0	37	0	0	7,538	48	5,597
679+40	5	202.9	0.0	0.0	37	0	0	7,575	48	5,635
679+45	5	206.3	0.0	0.0	38	0	0	7,613	48	5,672
679+50	5	205.1	0.0	0.0	38	0	0	7,651	48	5,711
679+55	5	202.9	0.0	0.0	38	0	0	7,689	48	5,748
679+60	5	200.3	0.0	0.0	37	0	0	7,727	48	5,786
679+65	5	181.9	0.0	0.0	35	0	0	7,762	48	5,821
679+70	5	147.0	0.0	0.0	30	0	0	7,792	48	5,851
679+75	5	127.9	0.0	0.0	25	0	0	7,818	48	5,877
679+80	5	110.0	0.0	0.0	22	0	0	7,840	48	5,899
679+85	5	96.7	0.0	0.0	19	0	0	7,859	48	5,918
679+90	5	87.7	0.0	0.0	17	0	0	7,876	48	5,935
679+95	5	80.4	0.0	0.0	16	0	0	7,892	48	5,951
680+00	5	75.8	0.0	0.0	14	0	0	7,906	48	5,965
680+05	5	71.5	0.0	0.0	14	0	0	7,920	48	5,979
680+10	5	69.5	0.0	0.0	13	0	0	7,933	48	5,992
680+11	1	69.2	0.0	10.0	3	0	0	7,936	48	5,995

Project ID: 3170-09-71
Division 4B - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
680+50	39	60.4	0.0	13.2	93	0	17	8,029	69	6,067
681+00	50	52.1	0.0	13.2	104	0	24	8,133	99	6,141
681+41	41	52.4	0.0	0.0	80	0	10	8,213	112	6,208
681+50	9	50.4	0.0	0.0	17	0	0	8,230	112	6,225
682+00	50	50.3	0.0	4.9	93	0	5	8,323	117	6,312
682+50	50	49.1	0.0	5.0	92	0	9	8,415	129	6,393
682+77	27	52.6	0.0	1.1	50	0	3	8,465	132	6,439
				Column totals	8,465	1,893	106			

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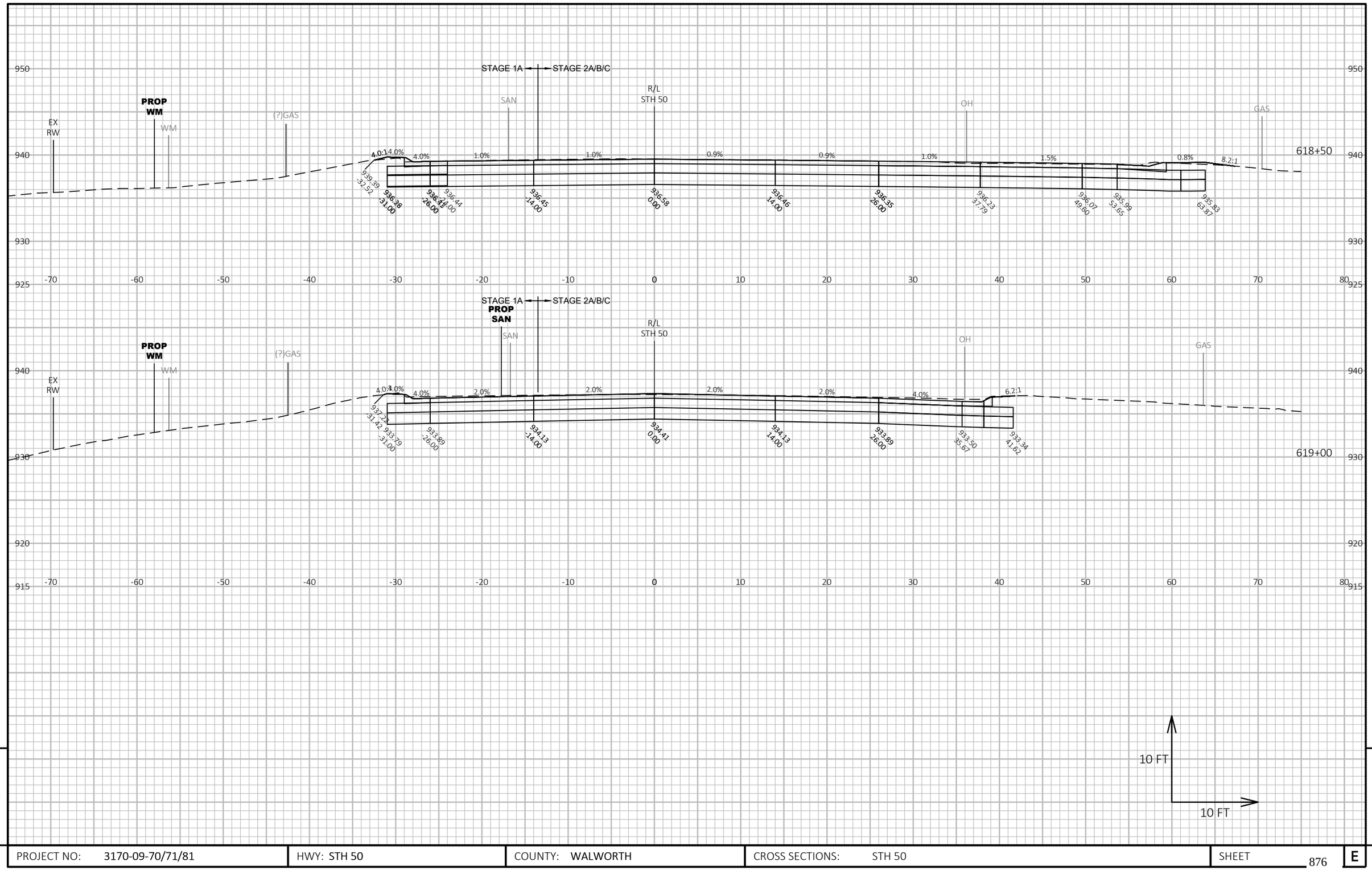
Project ID: 3170-09-70
Division 5A - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
697+92	0	6.9	0.0	48.6	0	0	0	0	0	0
698+00	8	6.7	0.0	55.5	2	0	15	2	18	-16
698+50	50	9.8	0.0	75.8	15	0	122	17	170	-153
699+00	50	7.3	0.0	64.9	16	0	130	33	333	-300
699+50	50	7.2	0.0	80.6	13	0	135	46	501	-455
700+00	50	7.3	0.0	67.0	13	0	137	60	672	-612
700+50	50	7.1	0.0	62.0	13	0	119	73	821	-748
701+00	50	7.0	0.0	62.4	13	0	115	86	965	-879
701+50	50	6.9	0.0	68.4	13	0	121	99	1,117	-1,018
702+00	50	7.1	0.0	77.2	13	0	135	112	1,285	-1,173
702+50	50	7.2	0.0	120.5	13	0	183	125	1,514	-1,389
703+00	50	7.1	0.0	141.5	13	0	243	138	1,817	-1,679
703+50	50	6.9	0.0	140.5	13	0	261	151	2,144	-1,992
704+00	50	7.2	0.0	145.1	13	0	265	164	2,474	-2,310
704+50	50	6.6	0.0	152.0	13	0	275	177	2,818	-2,641
705+00	50	7.6	0.0	115.4	13	0	248	190	3,128	-2,937
705+50	50	6.3	0.0	89.3	13	0	190	203	3,365	-3,161
706+00	50	7.1	0.0	66.8	12	0	144	216	3,545	-3,330
706+50	50	7.0	0.0	45.6	13	0	104	229	3,675	-3,447
707+00	50	7.2	0.0	39.8	13	0	79	242	3,774	-3,532
707+50	50	7.3	0.0	30.0	13	0	65	255	3,855	-3,600
708+00	50	7.3	0.0	25.9	14	0	52	269	3,920	-3,651
708+35	35	7.3	0.0	7.0	10	0	22	278	3,947	-3,668
709+14	0	7.5	0.0	0.0	0	0	0	278	3,947	-3,668
709+50	36	19.5	0.0	0.0	18	0	0	296	3,947	-3,651
710+00	50	48.0	0.0	0.0	62	0	0	359	3,947	-3,588
710+50	50	76.2	0.0	0.0	115	0	0	474	3,947	-3,473
711+00	50	84.4	0.0	1.0	149	0	1	622	3,948	-3,326
711+50	50	107.5	0.0	0.2	178	0	1	800	3,949	-3,149
712+00	50	95.9	0.0	0.0	188	0	0	988	3,950	-2,961
712+50	50	71.5	0.0	0.1	155	0	0	1,143	3,950	-2,806
713+00	50	61.3	0.0	0.1	123	0	0	1,266	3,950	-2,684
713+50	50	36.5	0.0	1.7	91	0	2	1,357	3,952	-2,595
714+00	50	15.7	0.0	1.9	48	0	3	1,405	3,956	-2,551
714+50	50	9.1	0.0	5.2	23	0	7	1,428	3,964	-2,536
715+00	50	10.5	0.0	5.5	18	0	10	1,446	3,977	-2,530
715+50	50	8.3	0.0	5.8	17	0	11	1,464	3,990	-2,526
716+00	50	10.1	0.0	4.1	17	0	9	1,481	4,001	-2,521
716+50	50	11.7	0.0	2.7	20	0	6	1,501	4,009	-2,508
717+00	50	10.1	0.0	3.0	20	0	5	1,521	4,016	-2,495
717+50	50	9.4	0.0	2.1	18	0	5	1,539	4,022	-2,483
718+00	50	8.9	0.0	0.6	17	0	2	1,556	4,025	-2,469
718+50	50	9.2	0.0	4.8	17	0	5	1,573	4,031	-2,458
718+78	28	8.1	0.0	2.7	9	0	4	1,582	4,036	-2,454

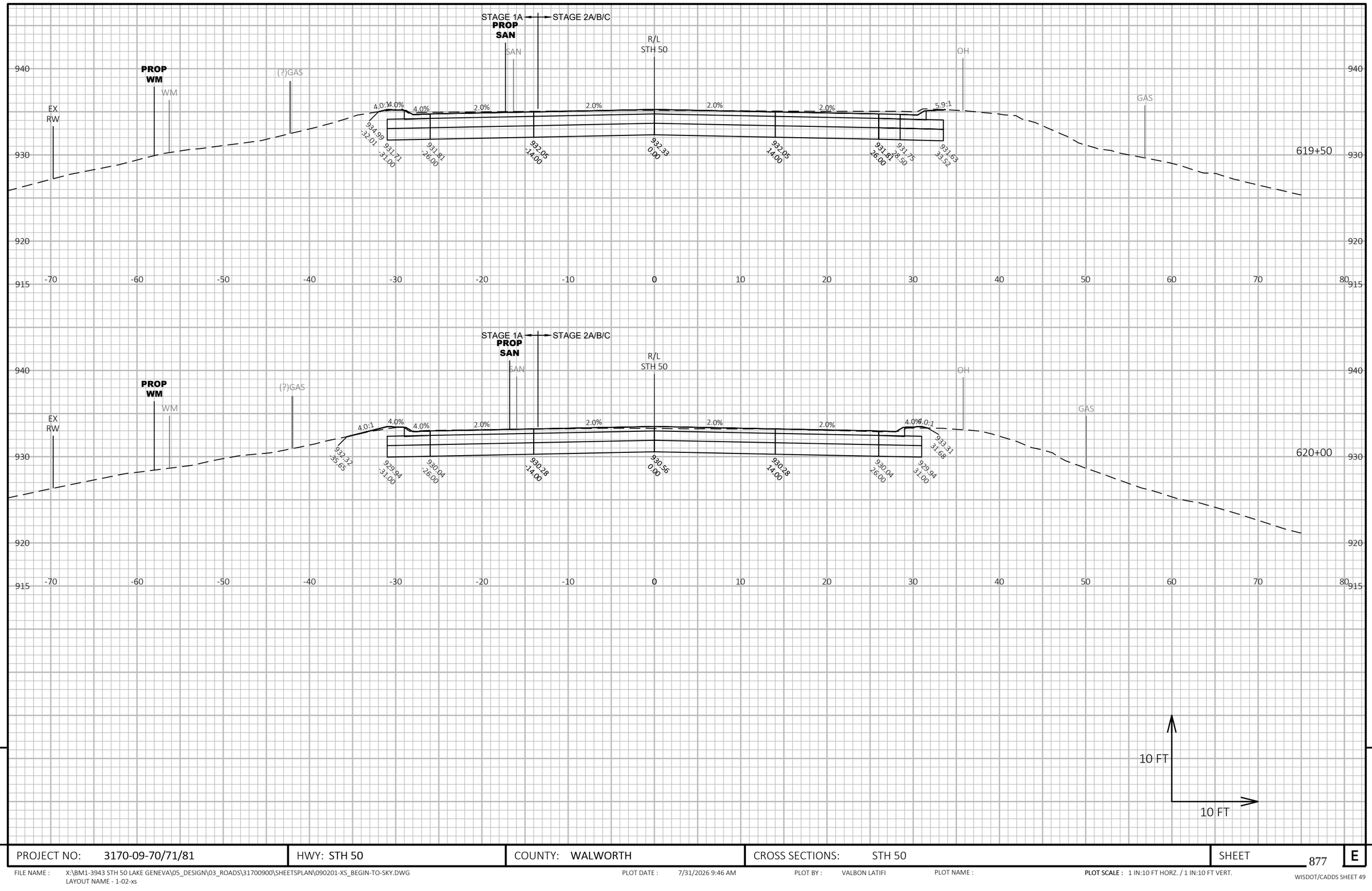
Project ID: 3170-09-70
Division 5A - STH 50

STATION	Distance	Area (SF) Cut	Area (SF) Salvaged/ Unusable Pavement Material	Area (SF) Fill	Incremental Vol (CY) (Unadjusted) Cut	Incremental Vol (CY) (Unadjusted) Salvaged/ Unusable Pavement Material	Incremental Vol (CY) (Unadjusted) Fill	Cumulative Vol (CY) Cut 1.00	Cumulative Vol (CY) Expanded Fill 1.25	Mass Ordinate
720+04	0	5.8	0.0	64.9	0	0	0	1,582	4,036	-2,454
720+50	46	6.7	0.0	108.0	10	0	146	1,592	4,218	-2,626
721+00	50	6.6	0.0	68.7	12	0	164	1,604	4,423	-2,818
721+50	50	6.8	0.0	67.7	12	0	126	1,617	4,581	-2,964
722+00	50	6.8	0.0	84.3	13	0	141	1,629	4,757	-3,127
722+50	50	7.1	0.0	64.3	13	0	138	1,642	4,929	-3,286
722+78	28	6.7	0.0	28.9	7	0	48	1,649	4,989	-3,340
				Column total	1,649	0	3,991			

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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 876	E



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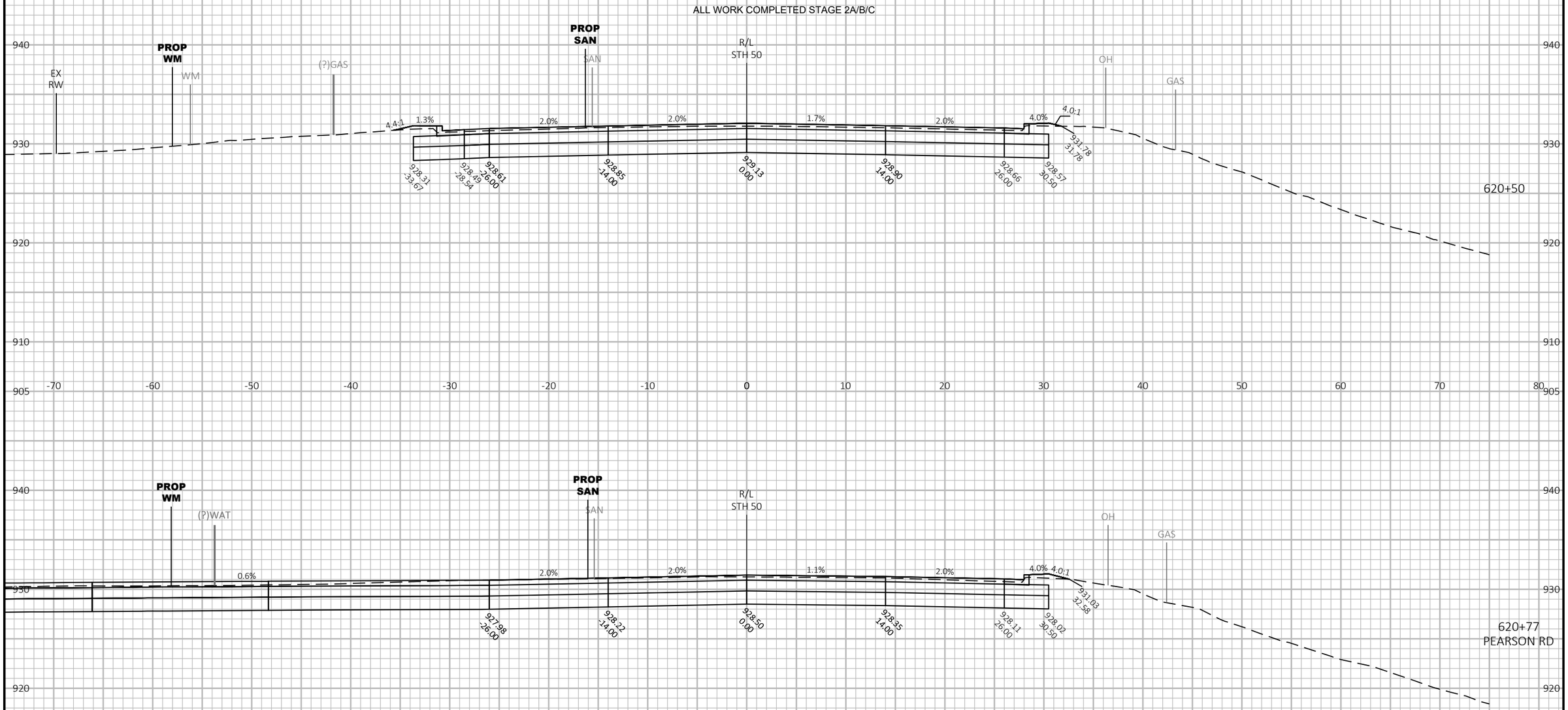
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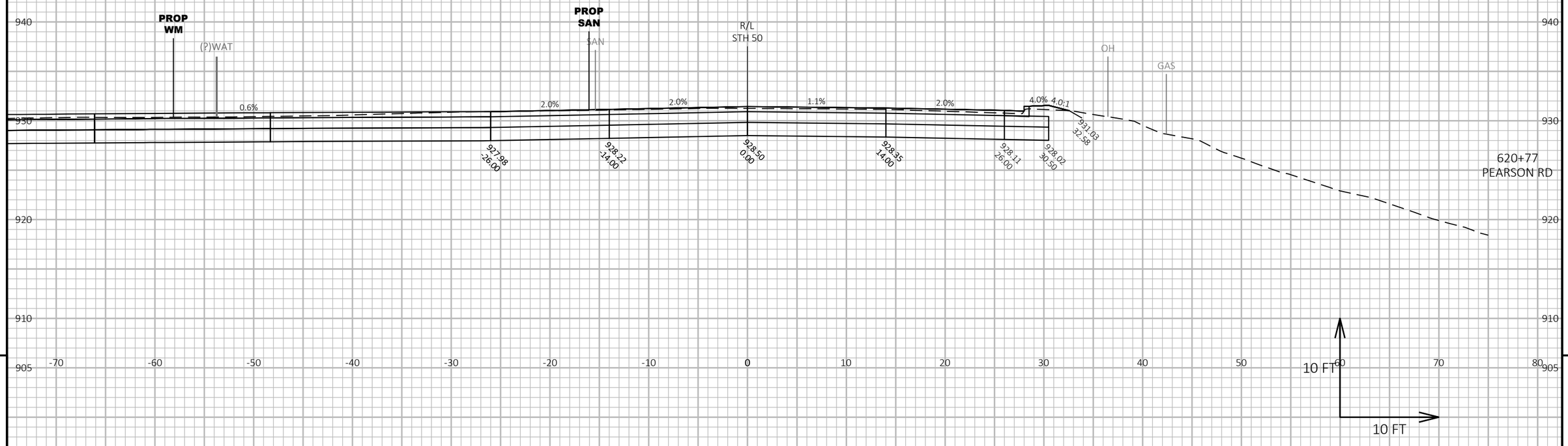
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LAYOUT NAME - 1-02-xs

PLOT DATE : 7/31/2026 9:46 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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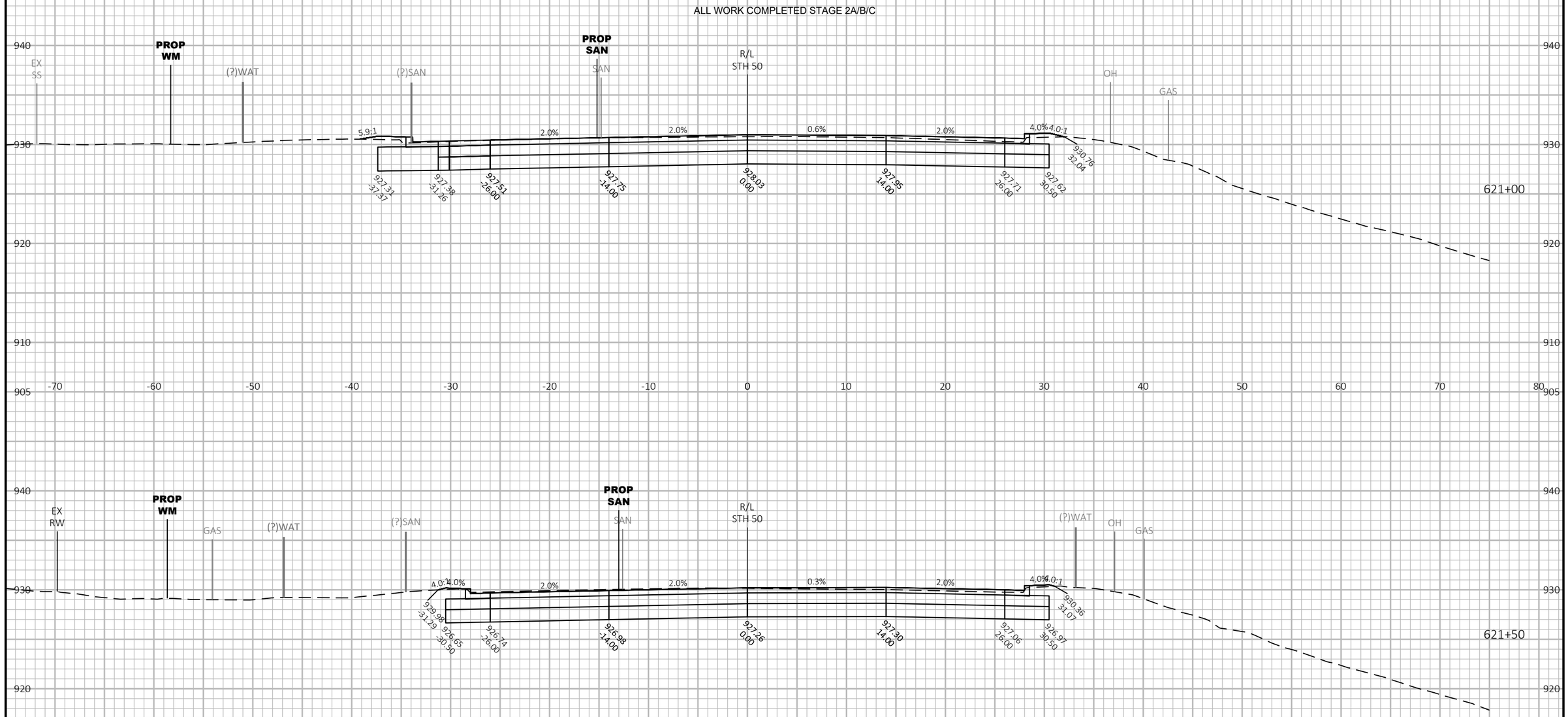
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 878	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-03-xs

PLOT DATE : 7/31/2026 9:46 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 879	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-04-xs

PLOT DATE : 7/31/2026 9:46 AM

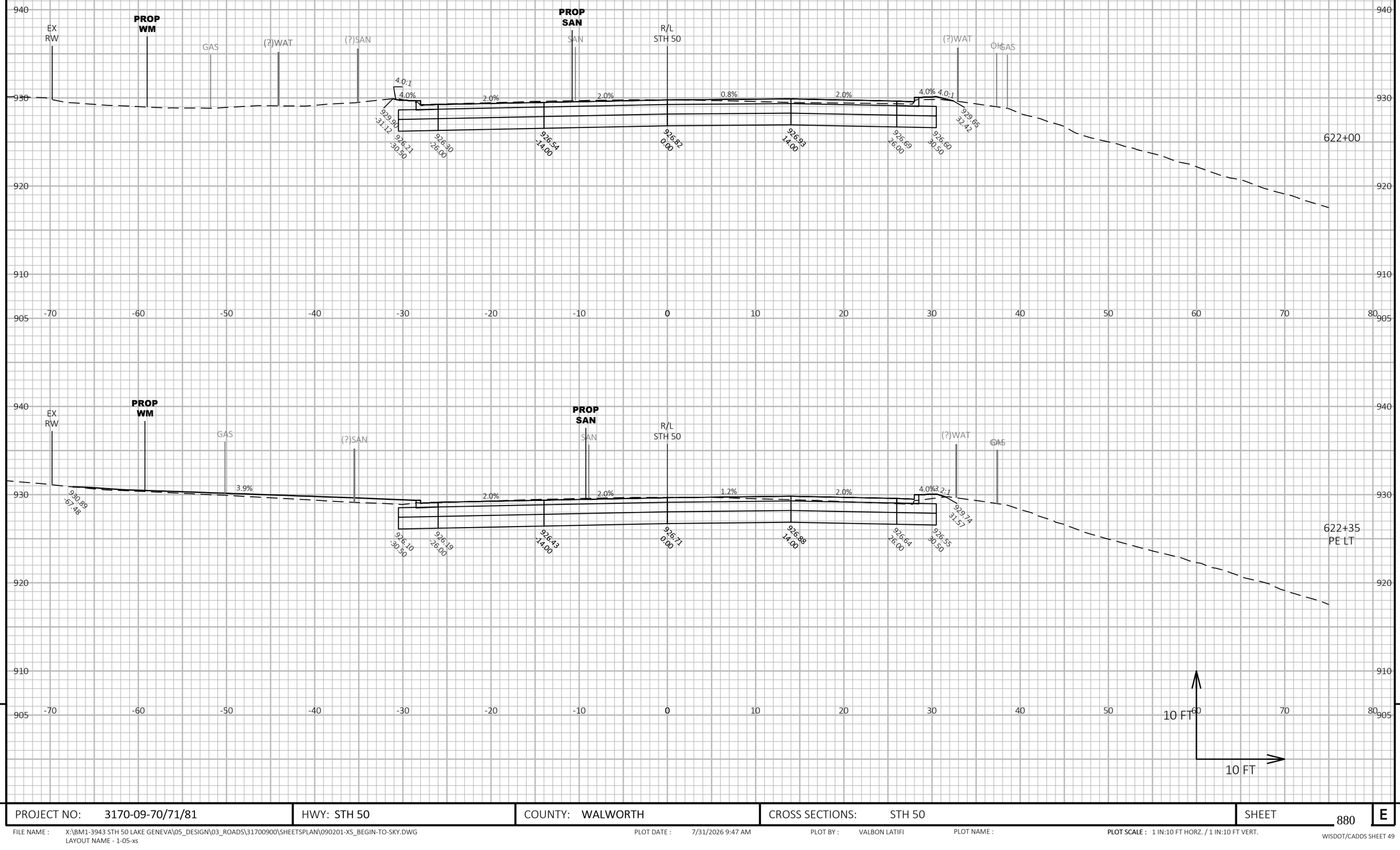
PLOT BY : VALBON LATIFI

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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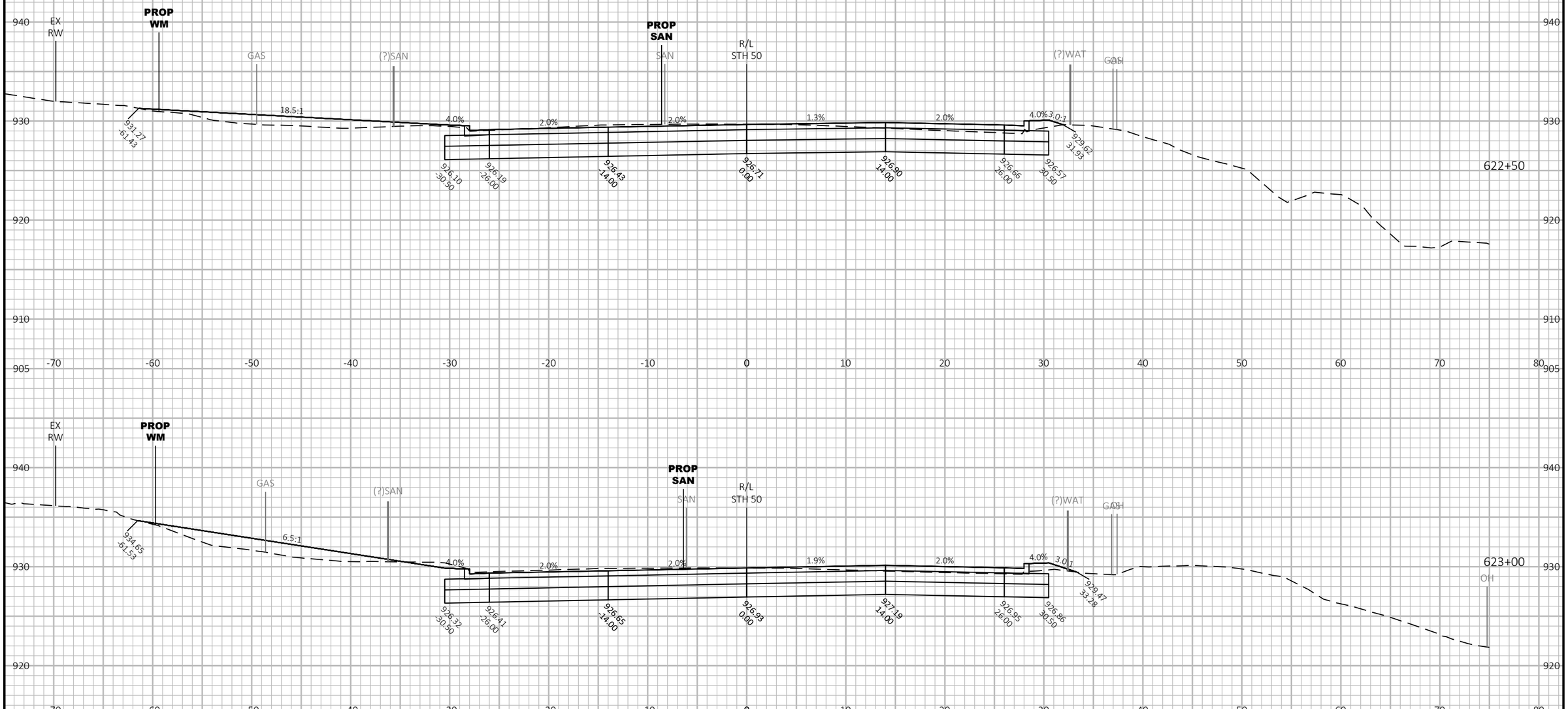
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-05-xs

PLOT DATE : 7/31/2026 9:47 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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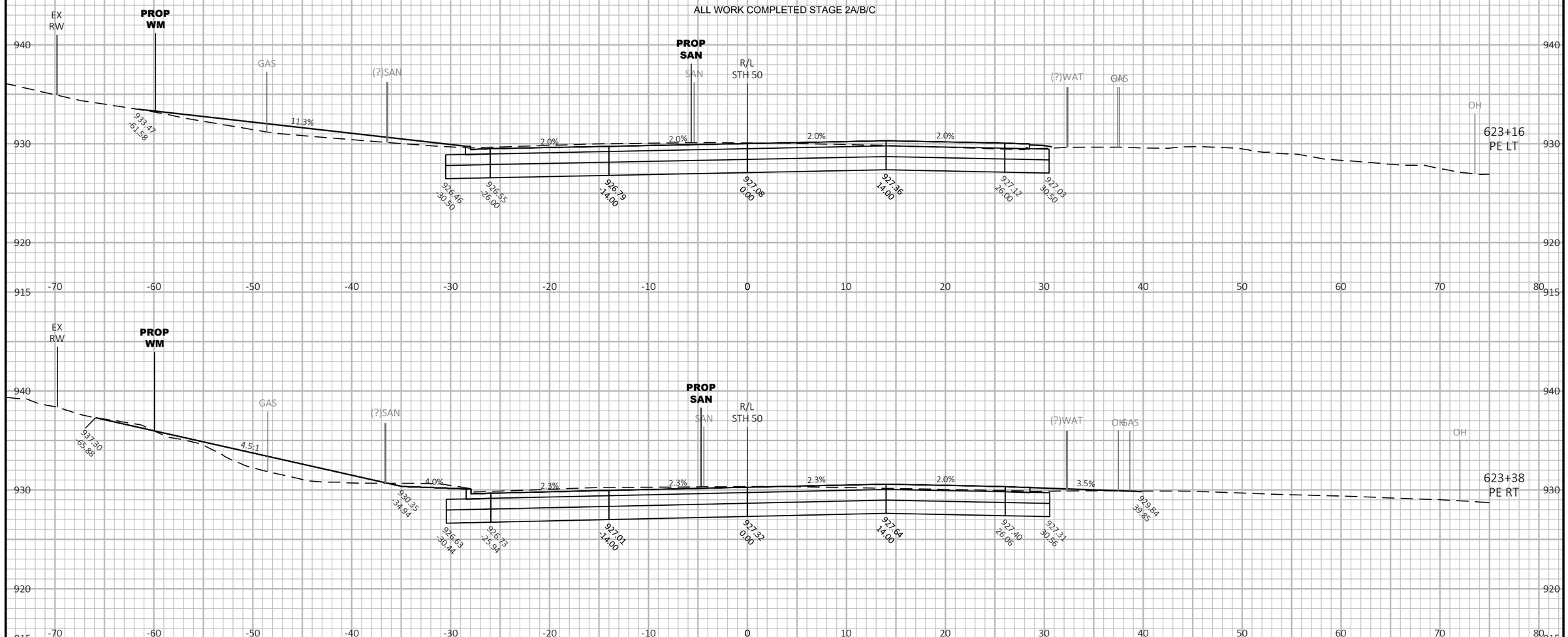
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LAYOUT NAME - 1-06-xs

PLOT DATE : 7/31/2026 9:47 AM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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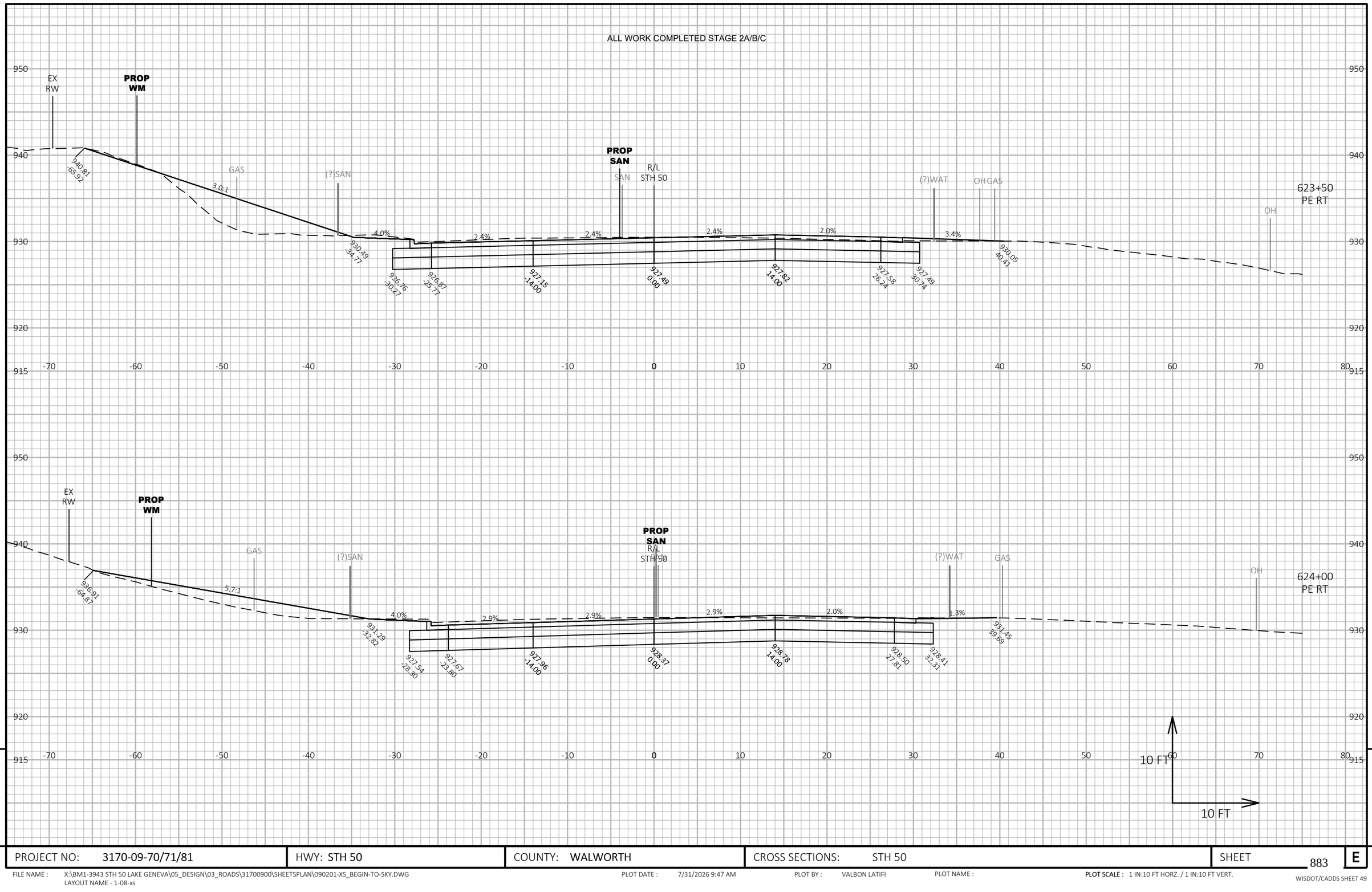
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-07-xs

PLOT DATE : 7/31/2026 9:47 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 883	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-08-xs

PLOT DATE : 7/31/2026 9:47 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C

EX RW
PROP WM
GAS
(?)SAN
PROP SAN
R/L STH 50
SAN
(?)WAT
GAS
OH
624+10 PE RT
936.67 -64.42
6.2:1
4.0%
3.0%
3.0%
3.0%
2.0%
0.3%
931.50 -32.20
927.75 -27.68
927.88 -23.18
928.16 -14.00
928.59 0.00
929.01 14.00
928.73 28.10
928.64 32.60
932.51 41.18

EX RW
PROP WM
GAS
(?)SAN
PROP SAN
R/L STH 50
SAN
(?)WAT
GAS
(?)ELEC
624+50
936.68 -61.88
7.7:1
4.0%
3.2%
3.2%
3.2%
2.0%
4.0%
6.0:1
932.53 -29.97
928.77 -25.45
928.91 -20.95
929.13 -14.00
929.58 0.00
930.03 14.00
929.73 29.04
929.64 33.54
933.13 35.69

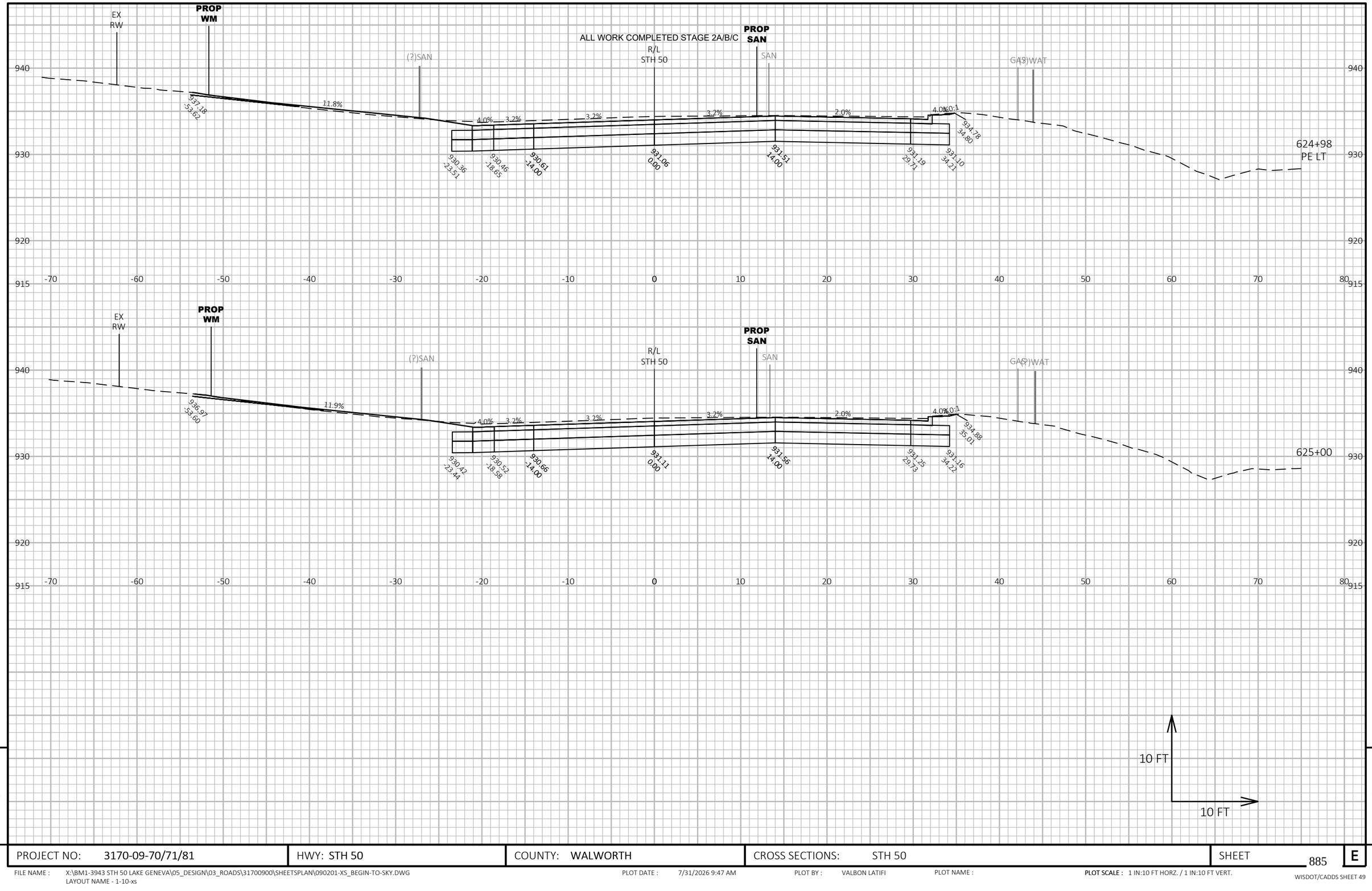
940
930
920
915
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

10 FT
10 FT

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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 884	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-09-xs
PLOT DATE : 7/31/2026 9:47 AM
PLOT BY : VALBON LATIFI
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



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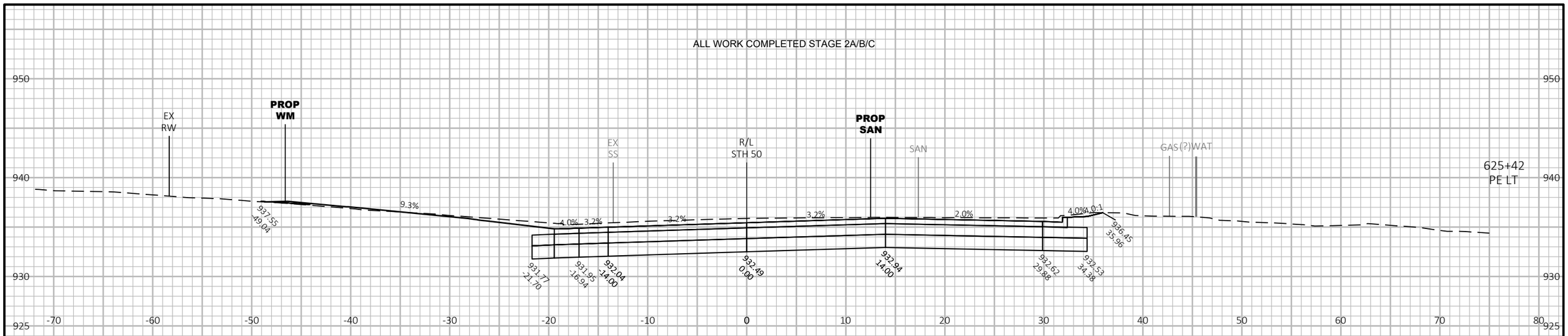
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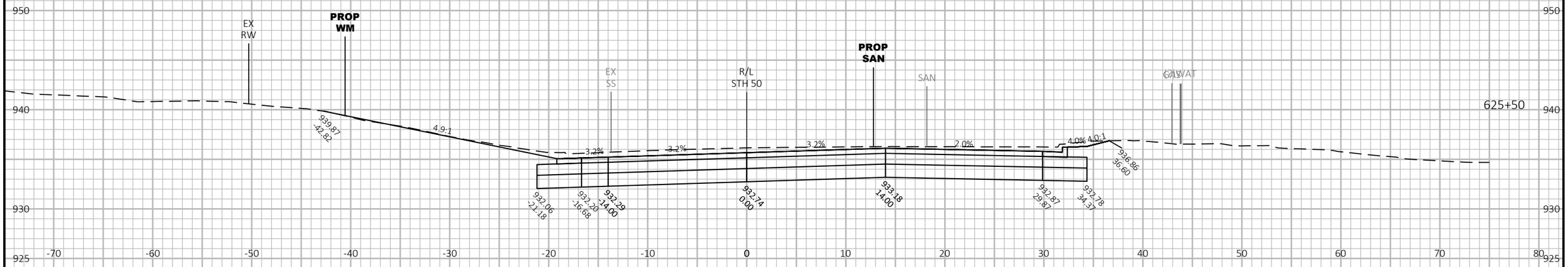
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-10-xs

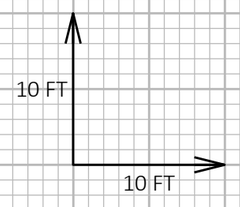
PLOT DATE : 7/31/2026 9:47 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C







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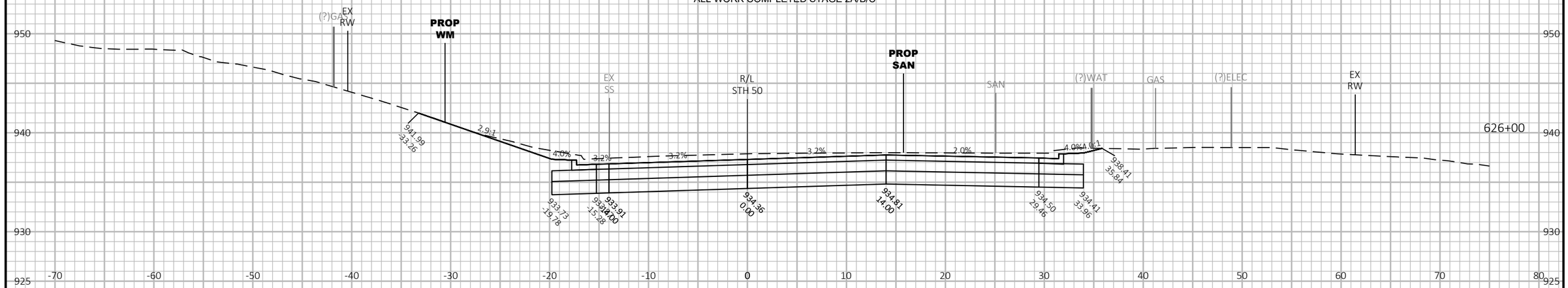
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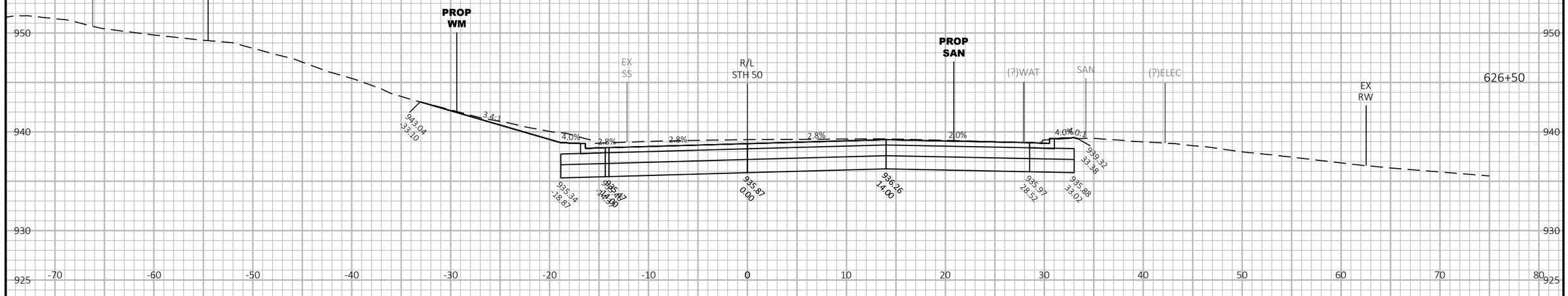
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-11-xs

PLOT DATE : 7/31/2026 9:47 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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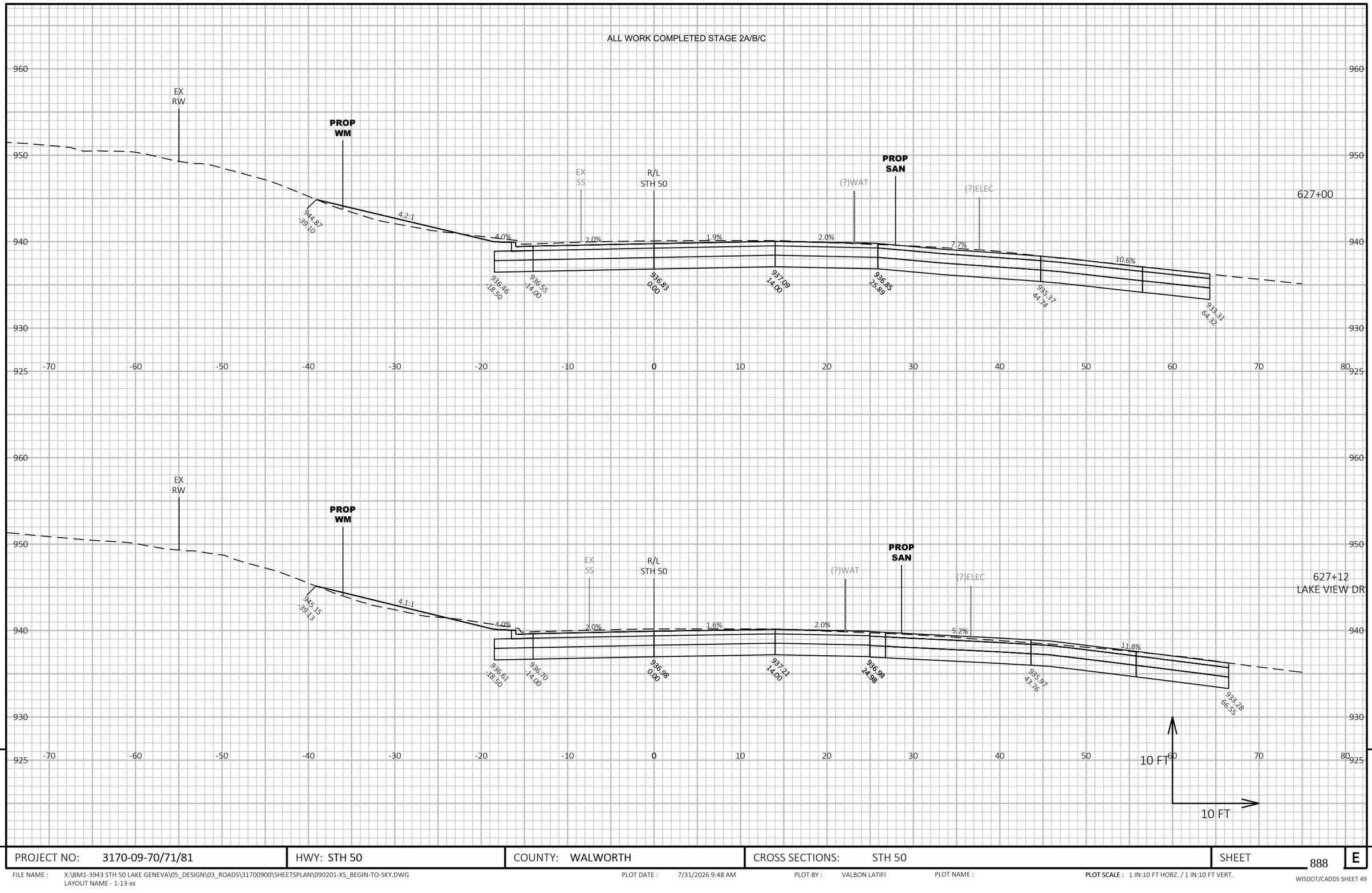
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-12-xs

PLOT DATE : 7/31/2026 9:47 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



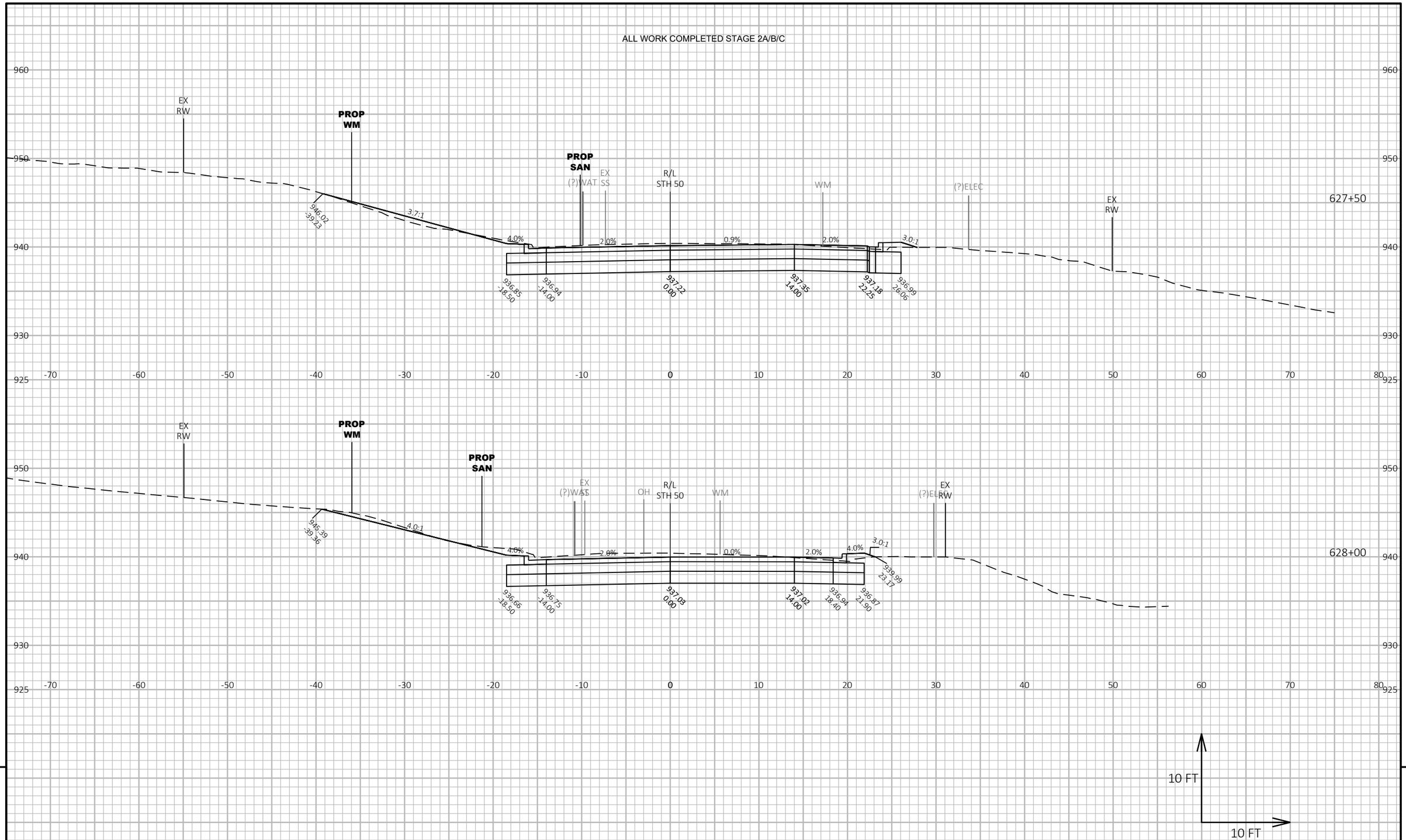
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-13-xs

PLOT DATE : 7/31/2026 9:48 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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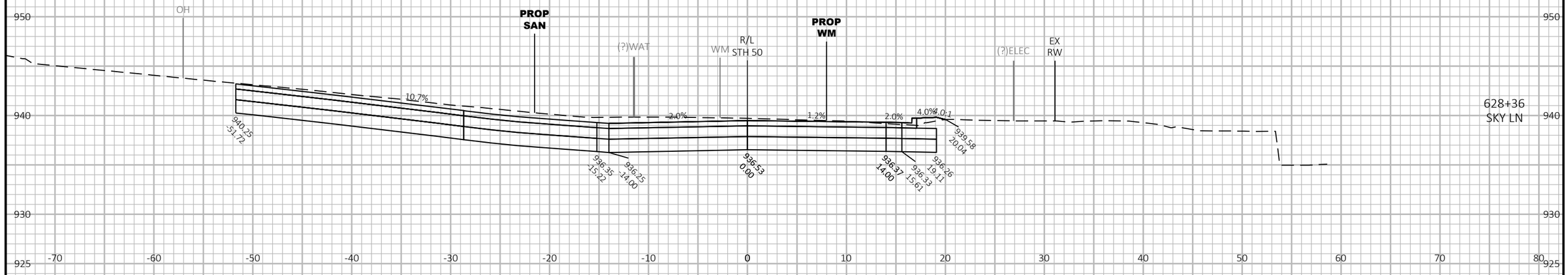
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 889	E

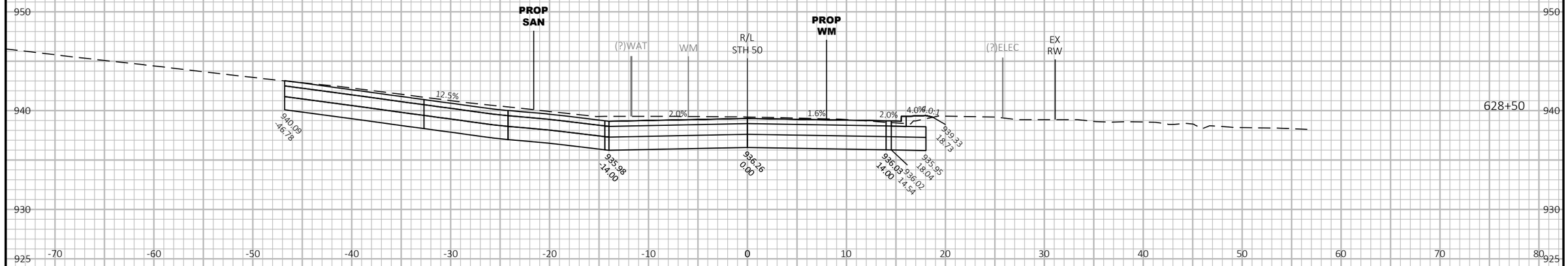
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-14-xs

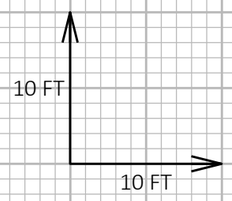
PLOT DATE : 7/31/2026 9:48 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C







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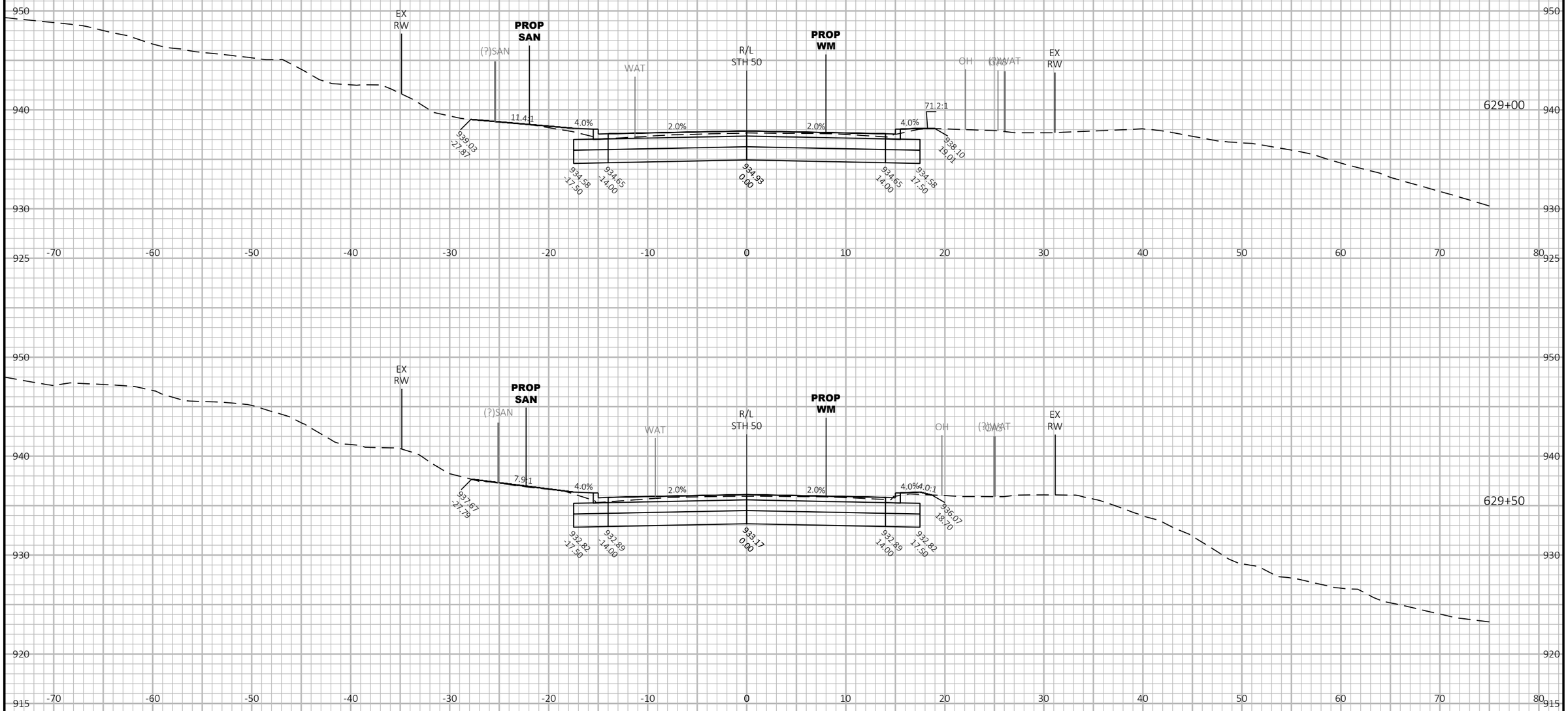
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 890	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090201-XS_BEGIN-TO-SKY.DWG
LAYOUT NAME - 1-15-xs

PLOT DATE : 7/31/2026 9:48 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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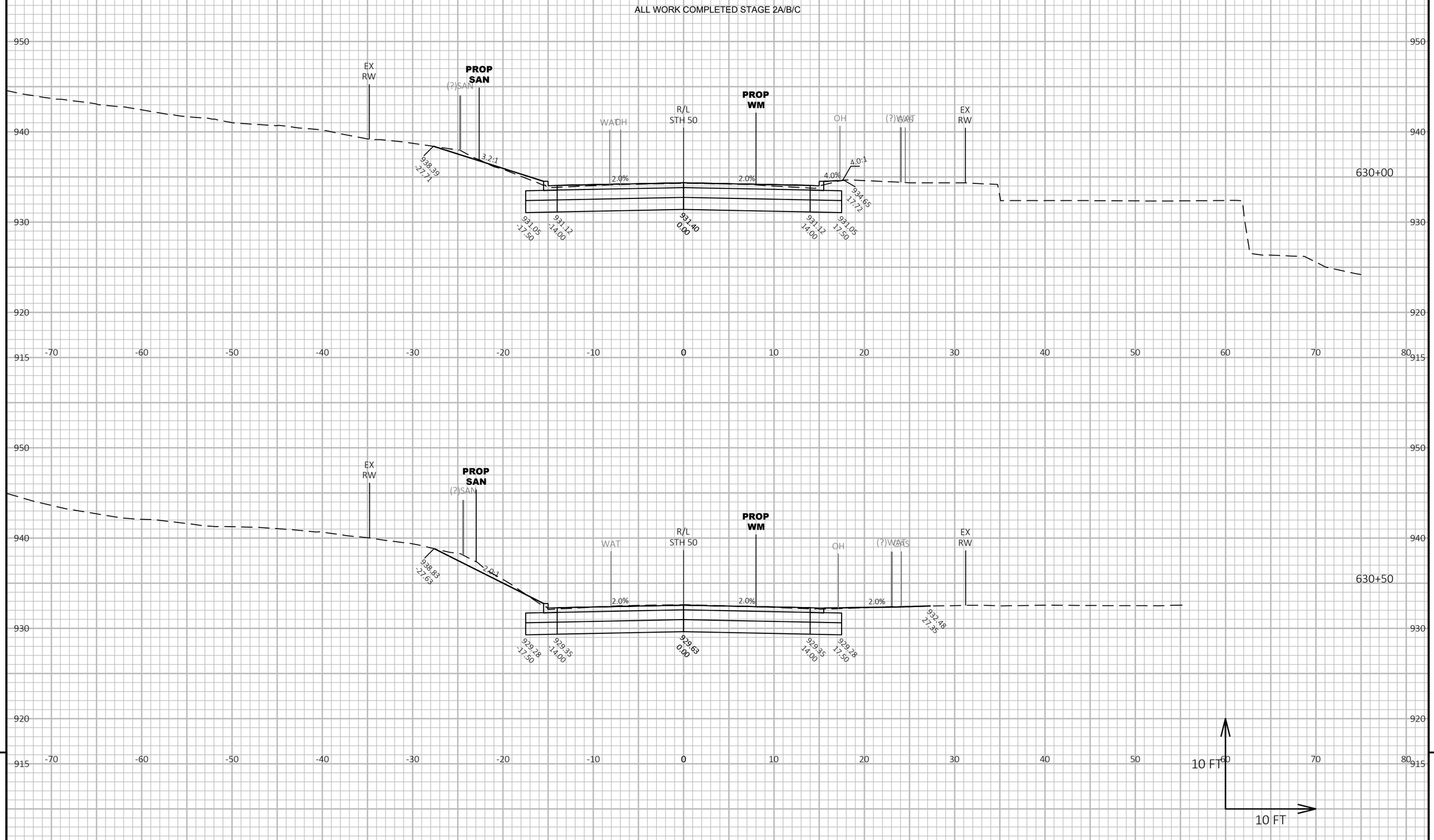
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 891	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-01-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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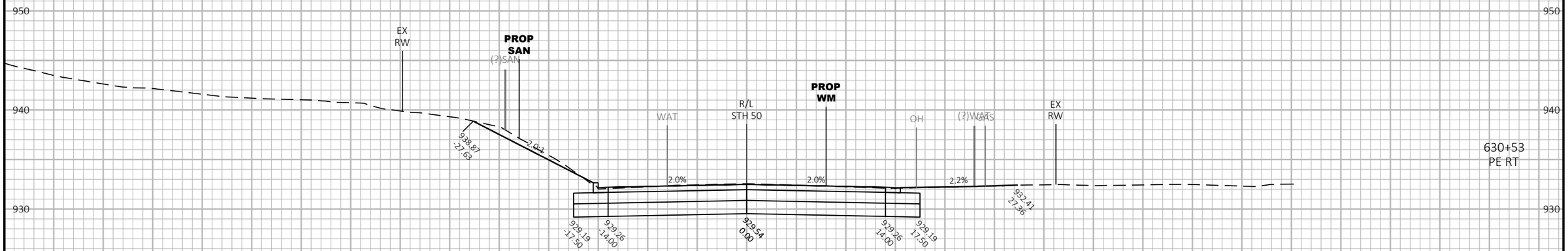
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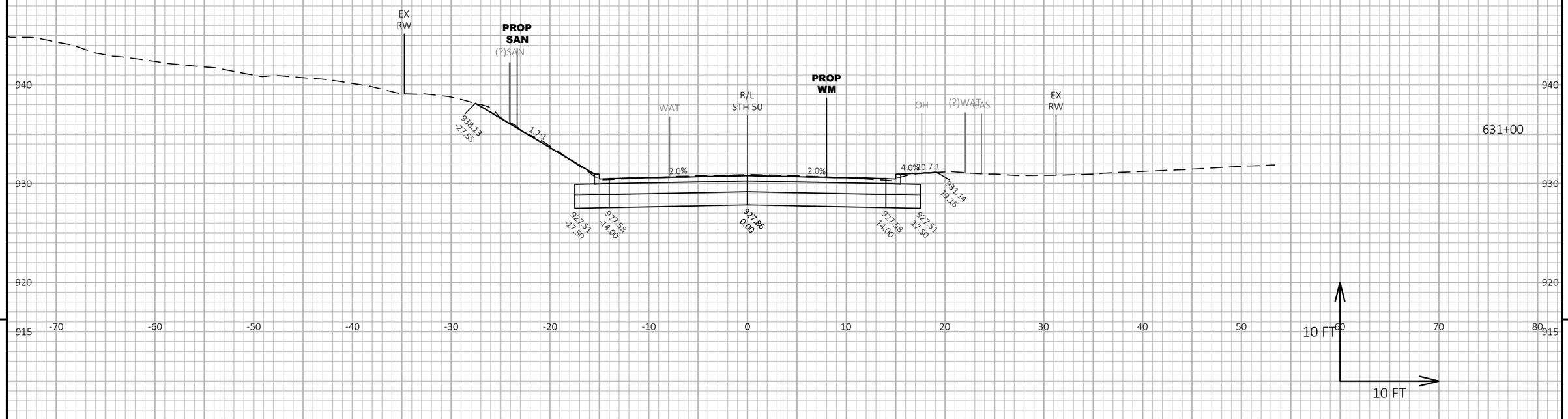
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-02-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





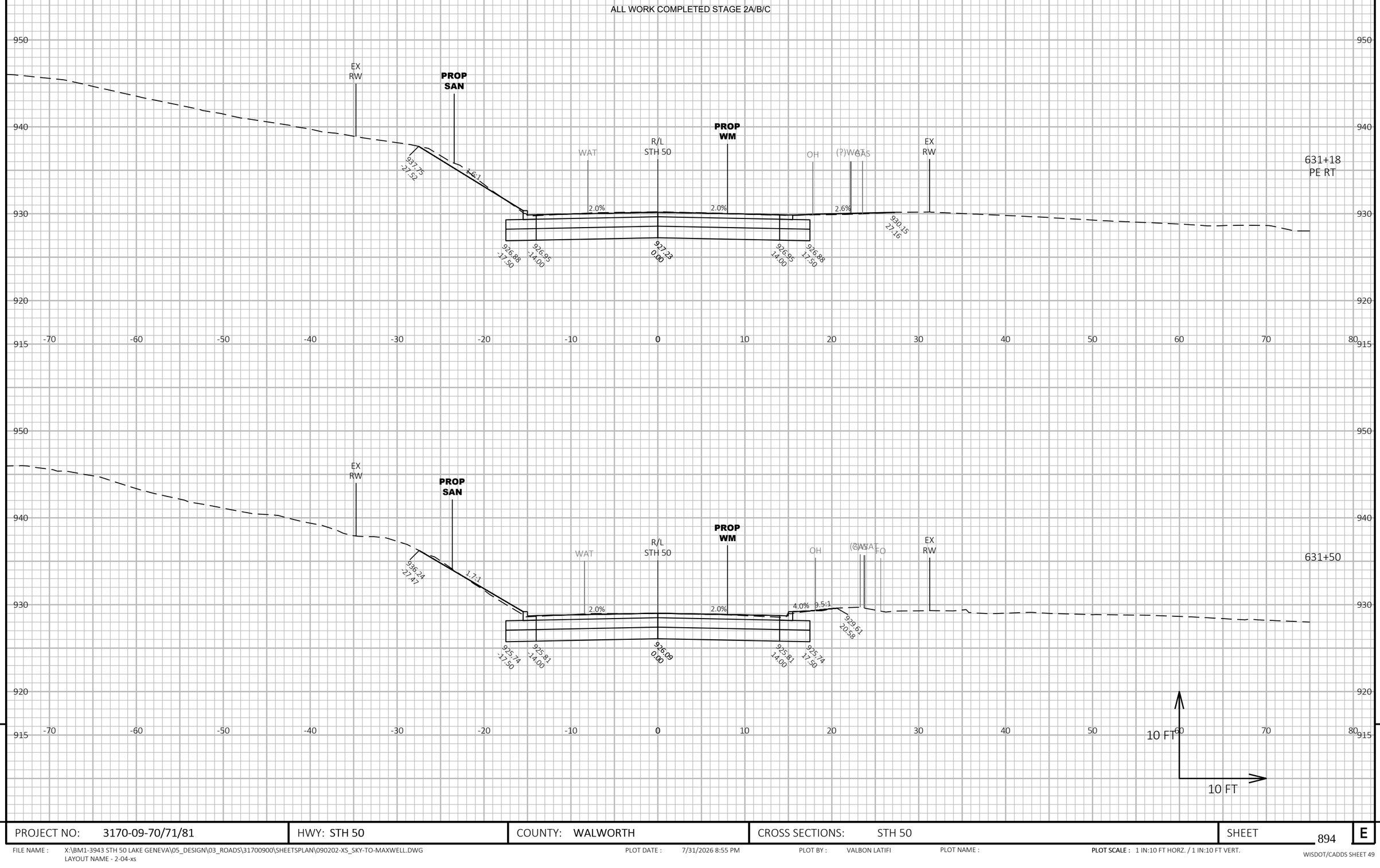
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 893	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-03-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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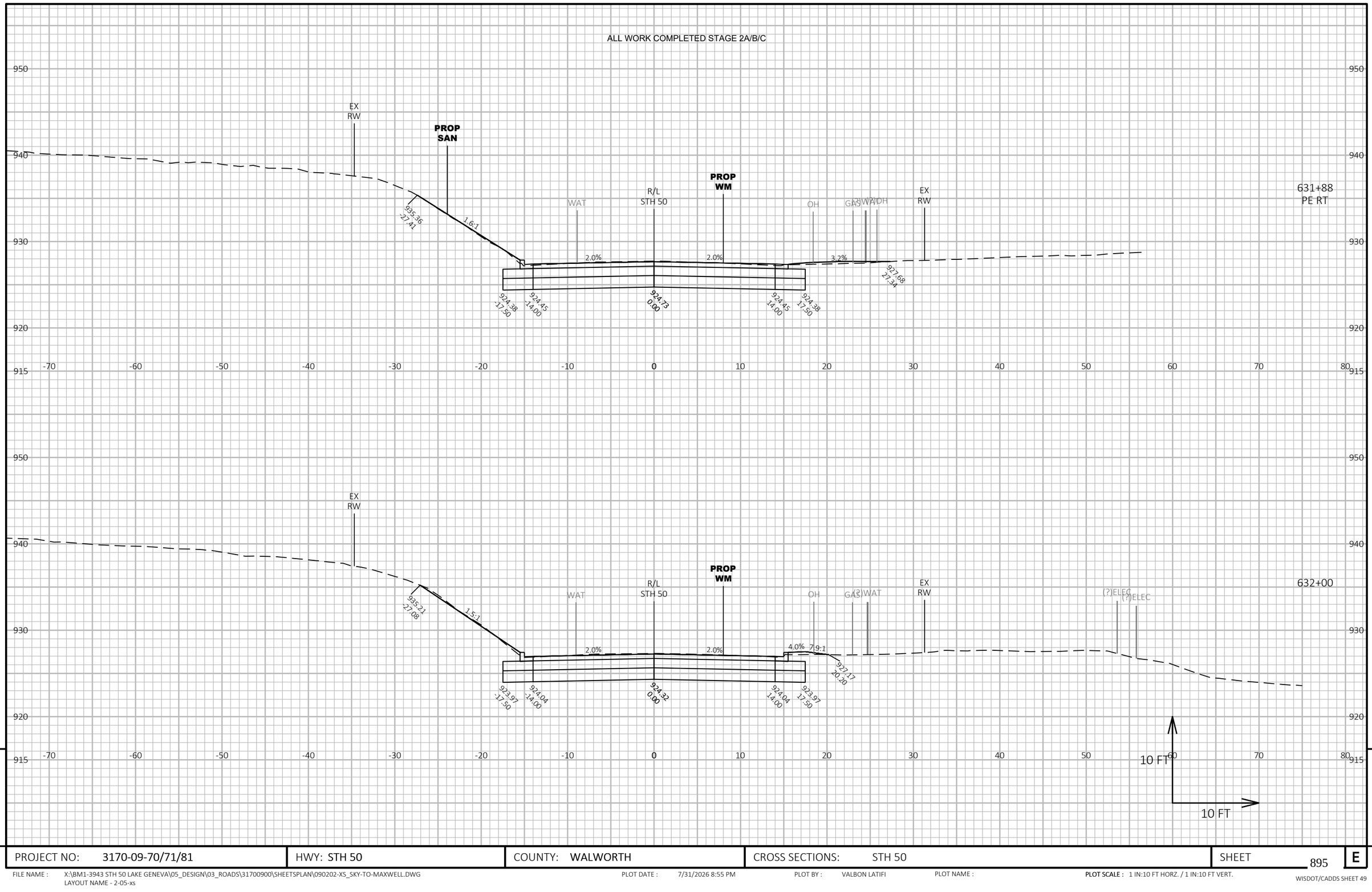
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 894	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-04-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 895	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-05-xs

PLOT DATE : 7/31/2026 8:55 PM

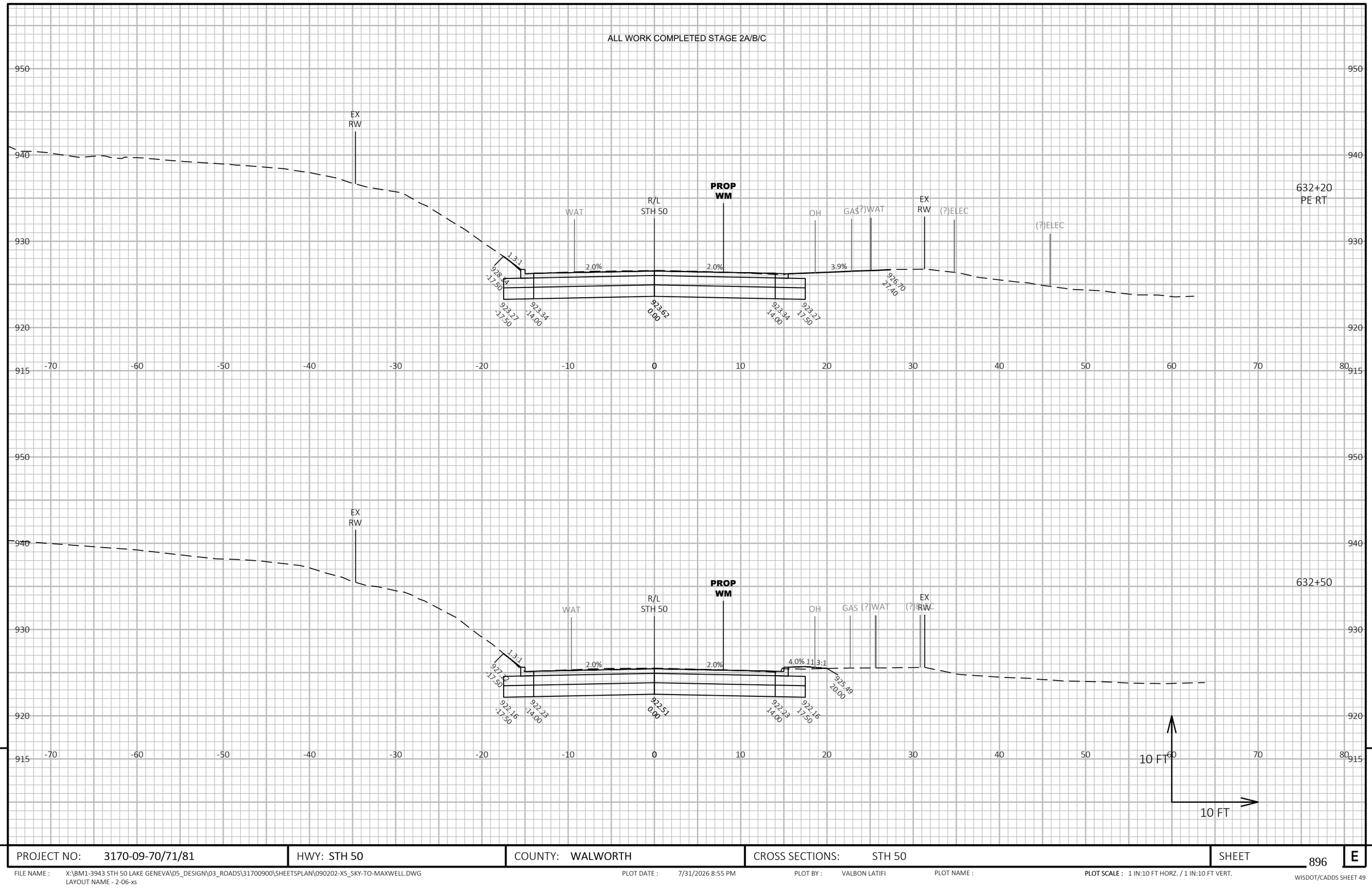
PLOT BY : VALBON LATIFI

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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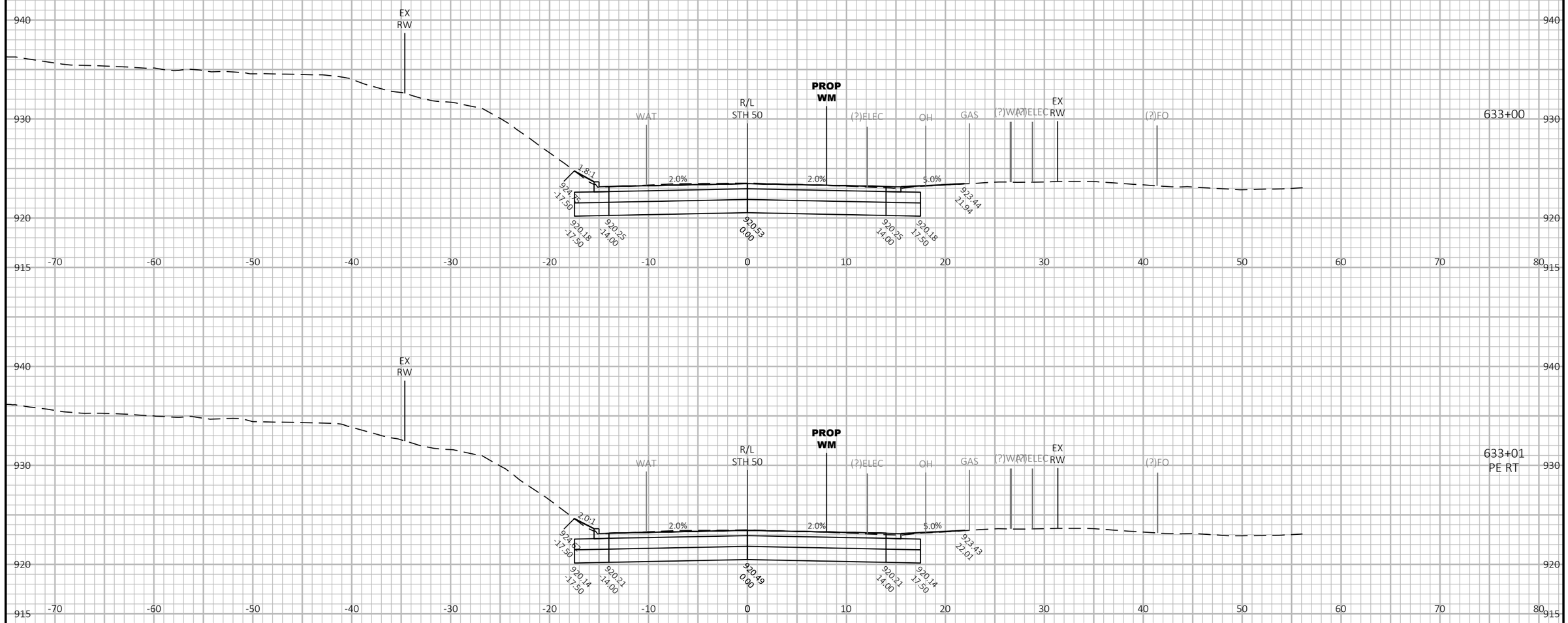
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 896	E

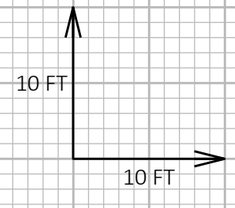
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-06-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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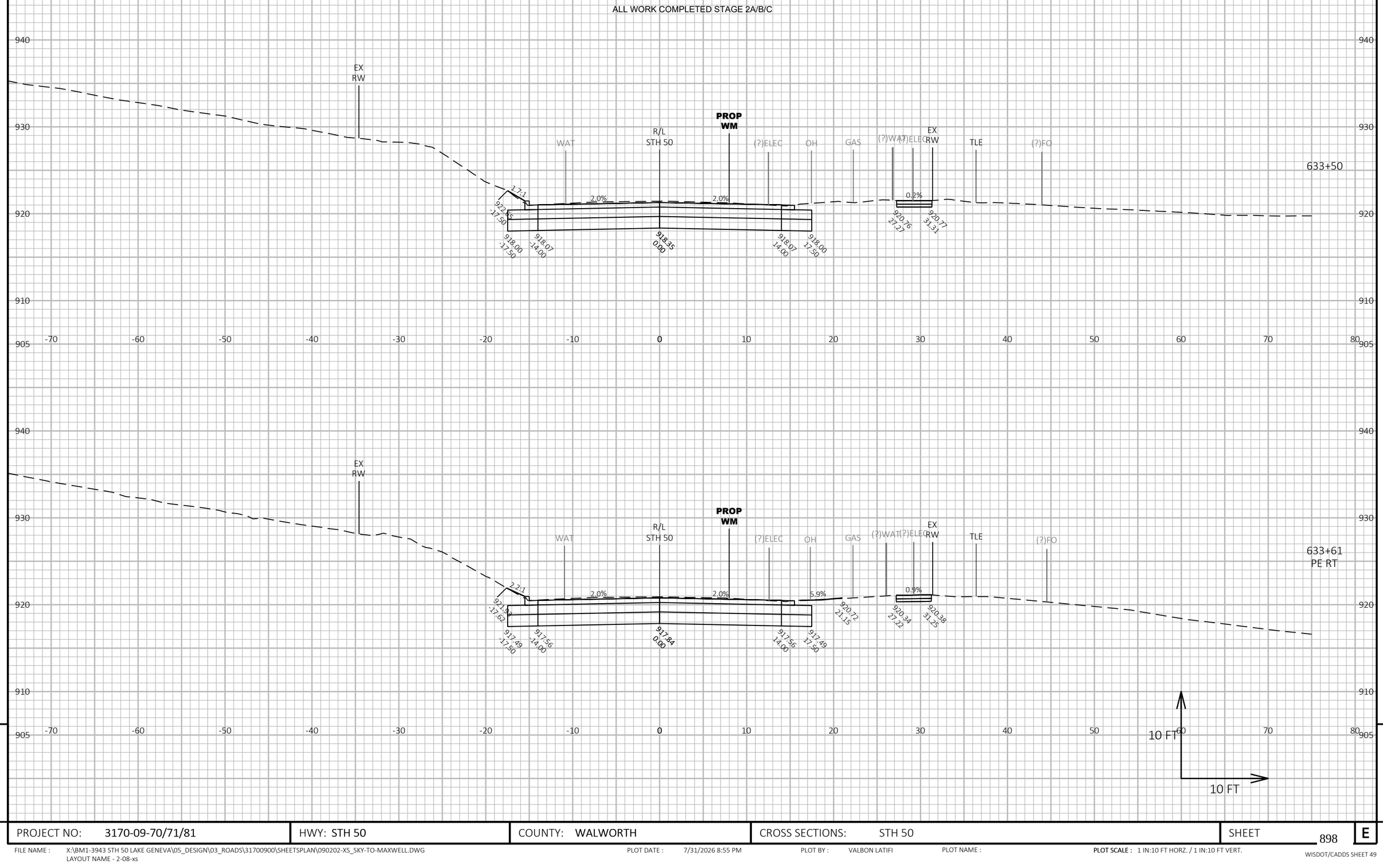
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 897	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-07-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



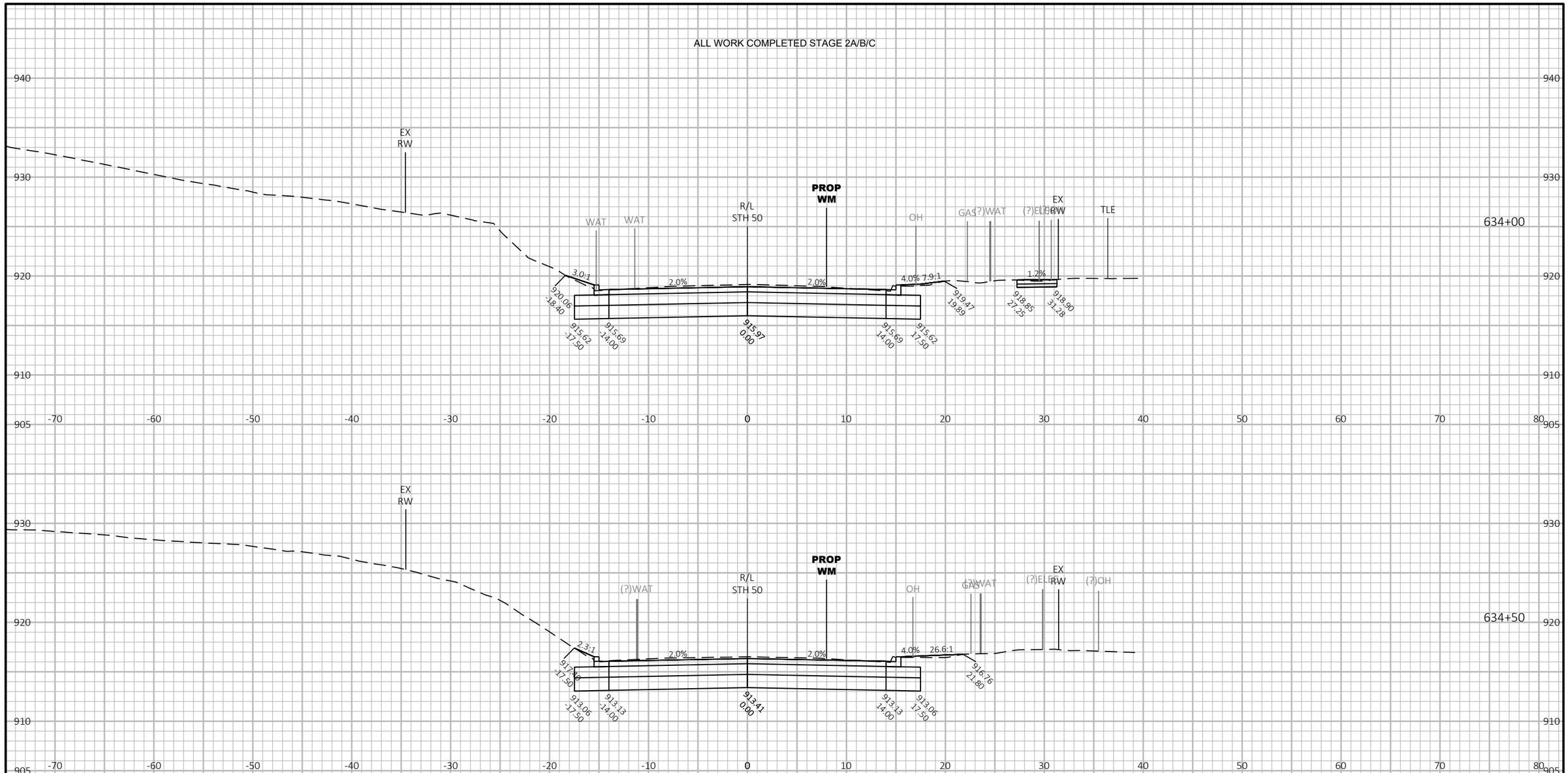
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-08-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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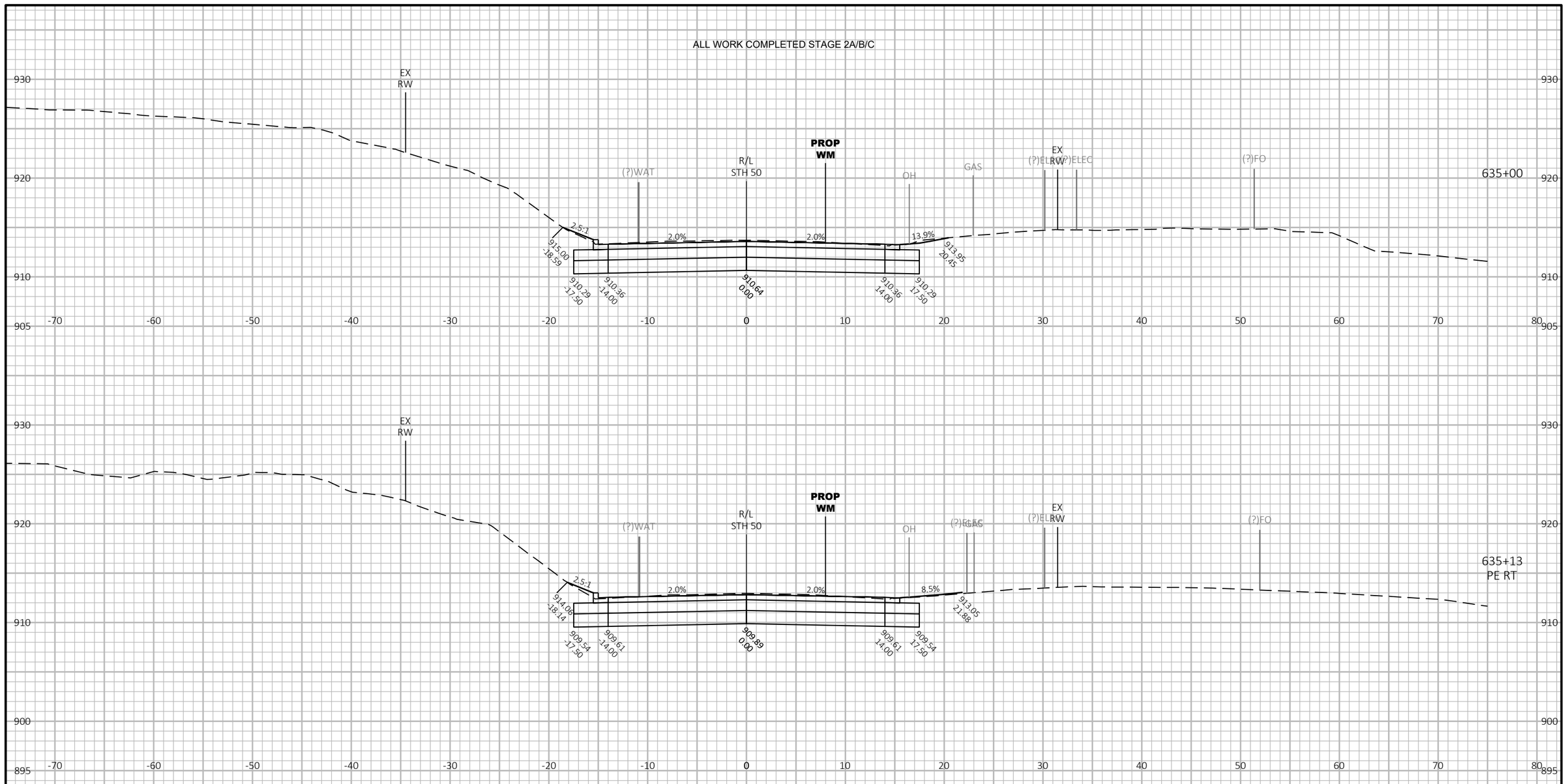
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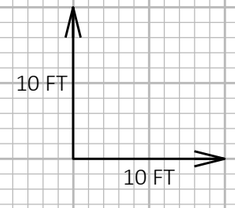
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-09-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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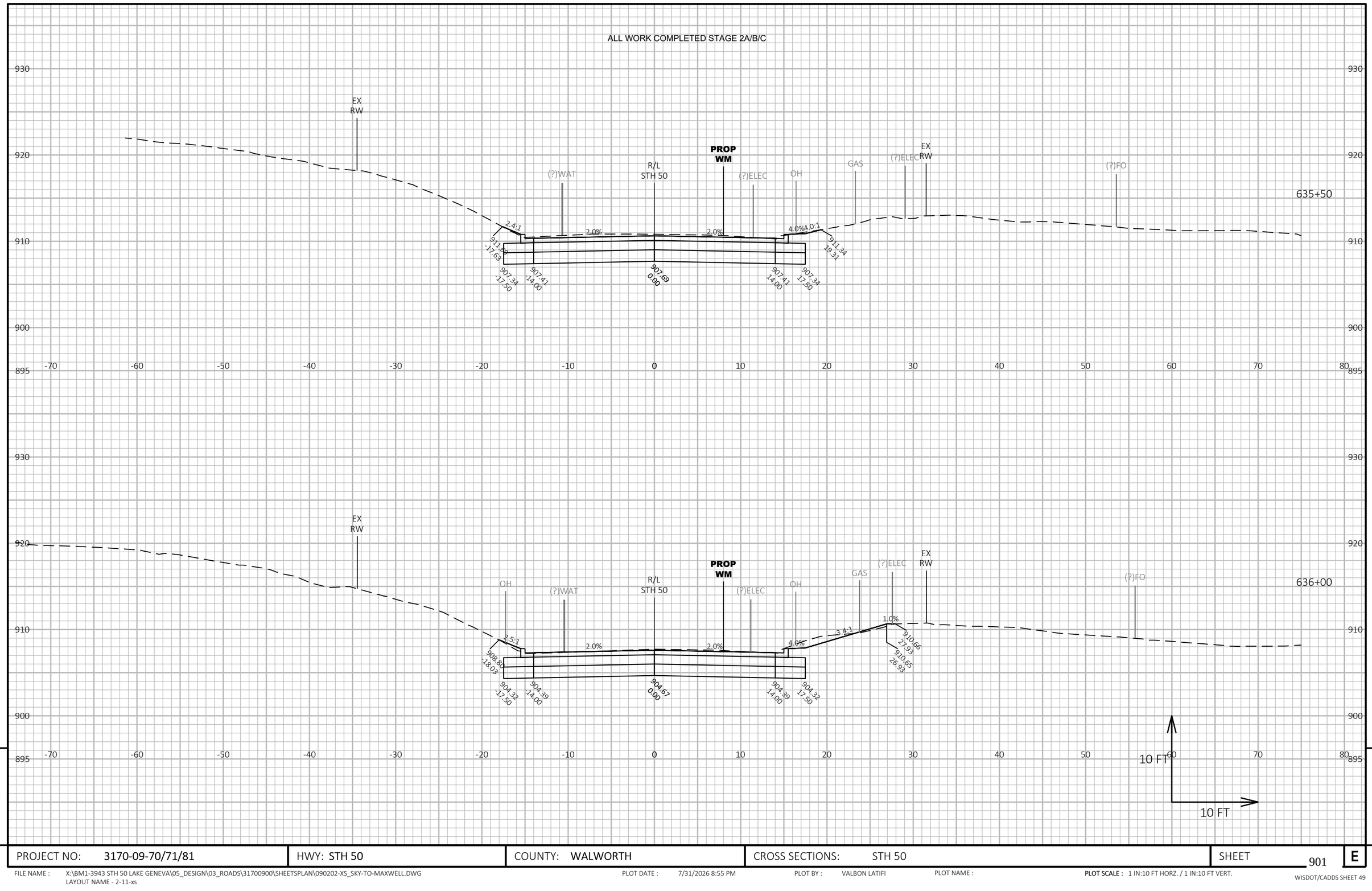
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 900	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-10-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 901	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-11-xs

PLOT DATE : 7/31/2026 8:55 PM

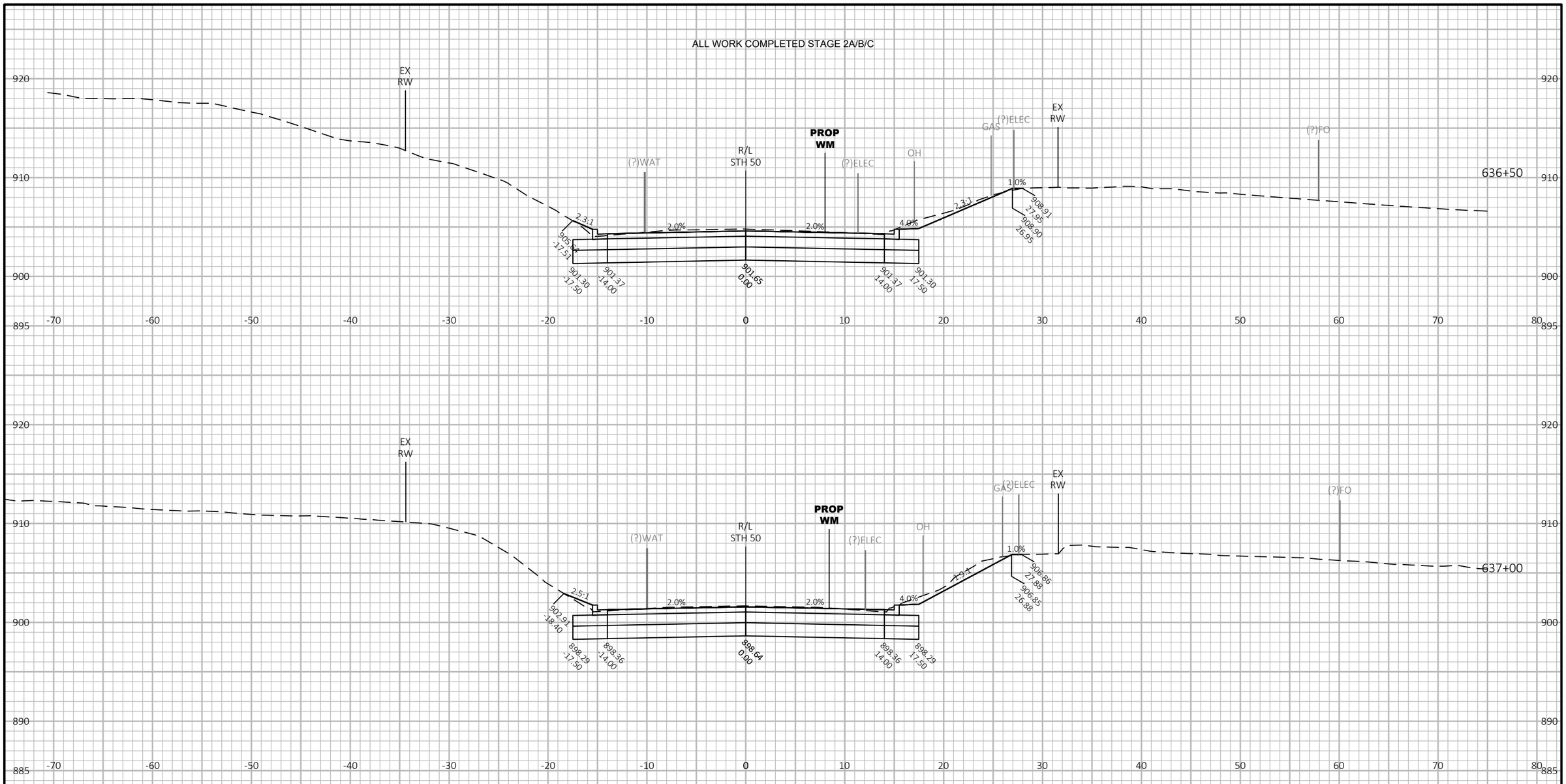
PLOT BY : VALBON LATIFI

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 902	E

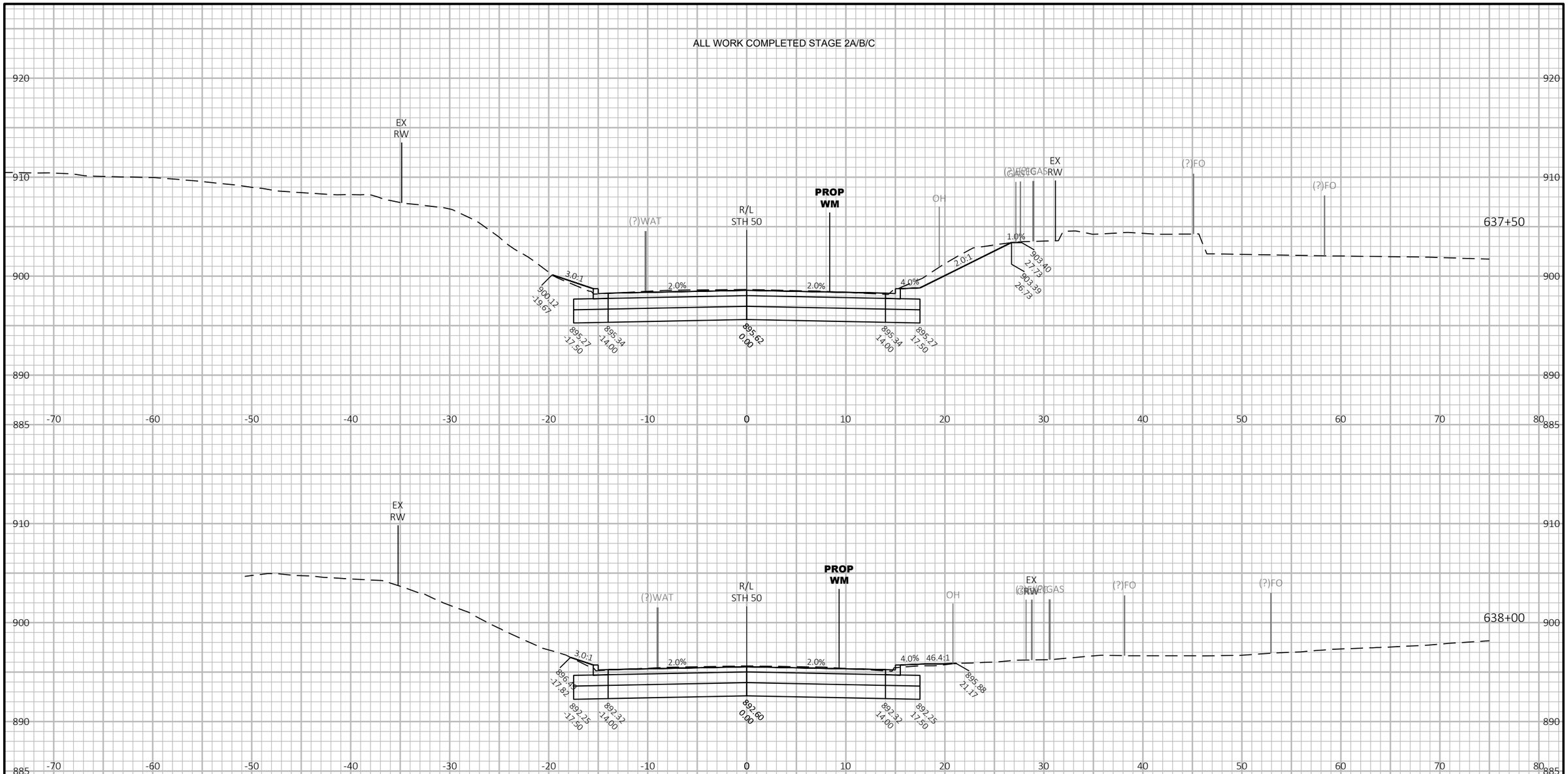
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-12-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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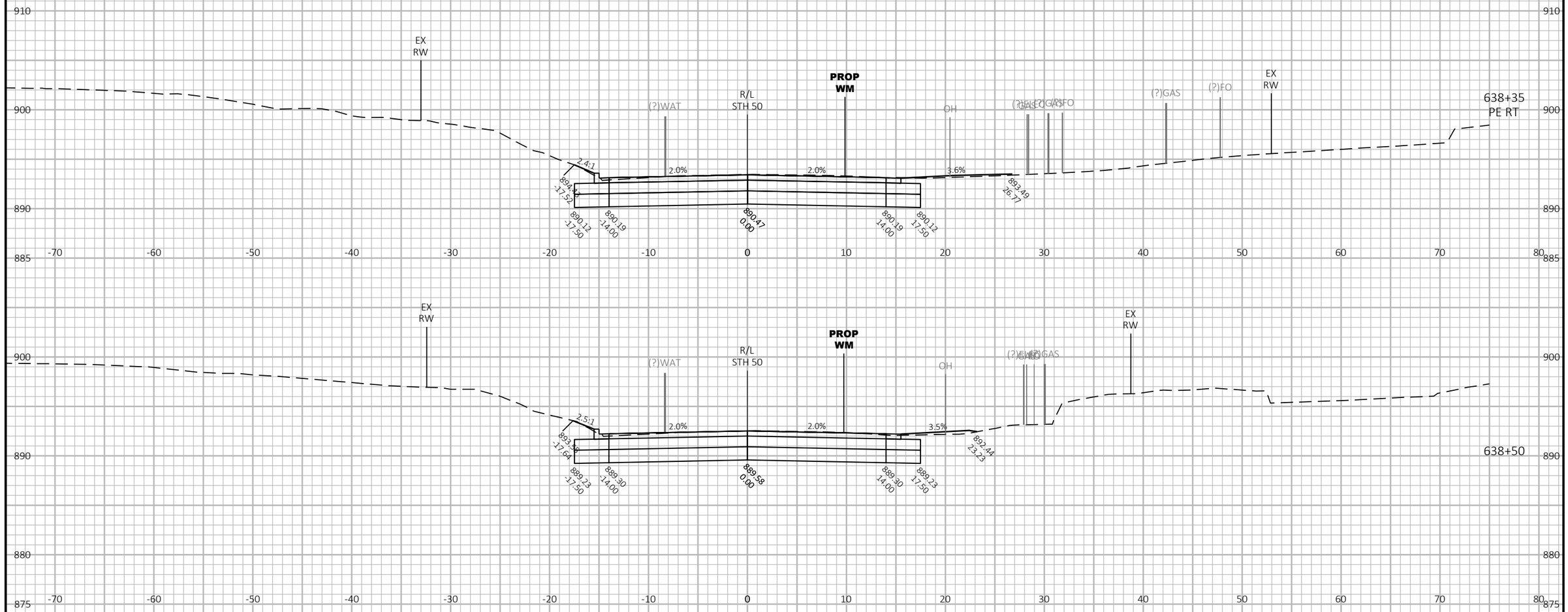
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 903	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-13-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



10 FT

10 FT

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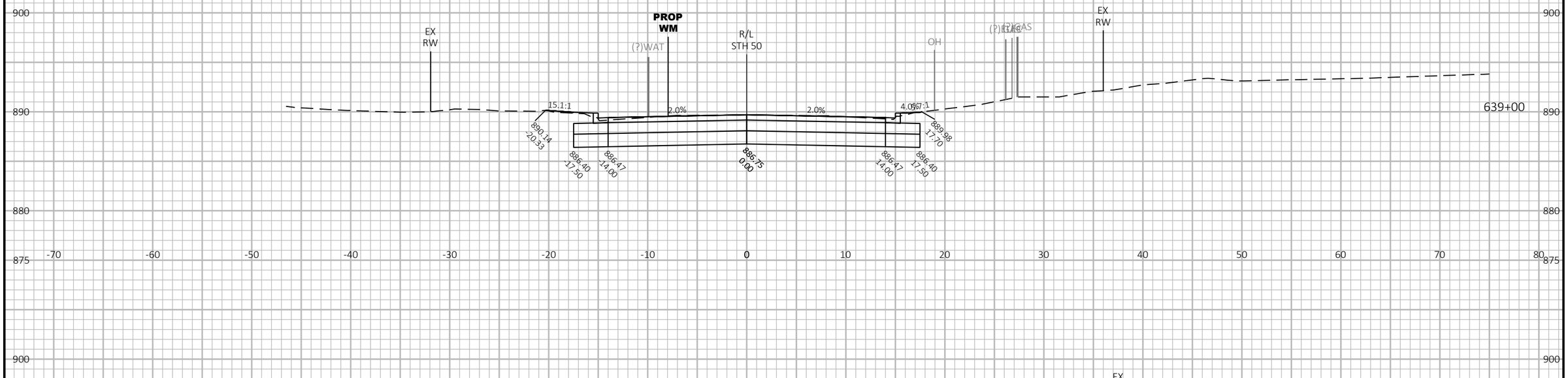
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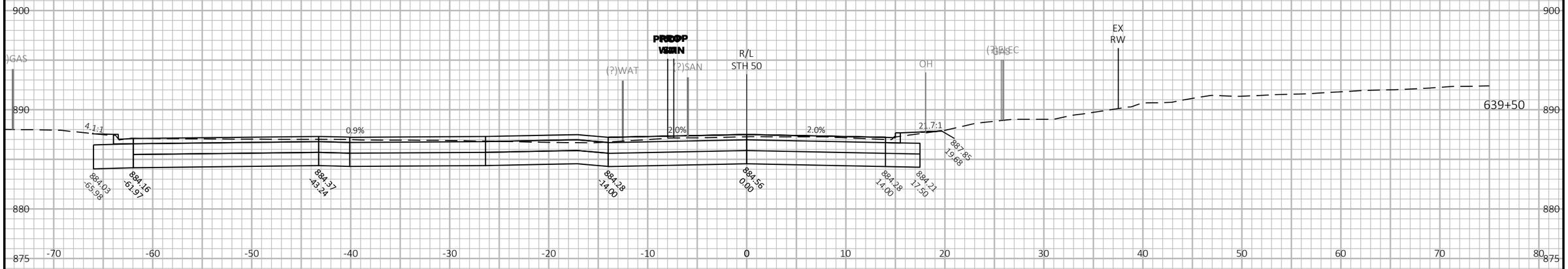
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 904	E

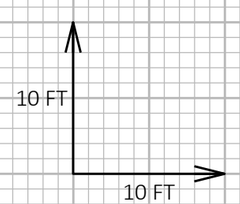
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LAYOUT NAME - 2-14-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

ALL WORK COMPLETED STAGE 2A/B/C







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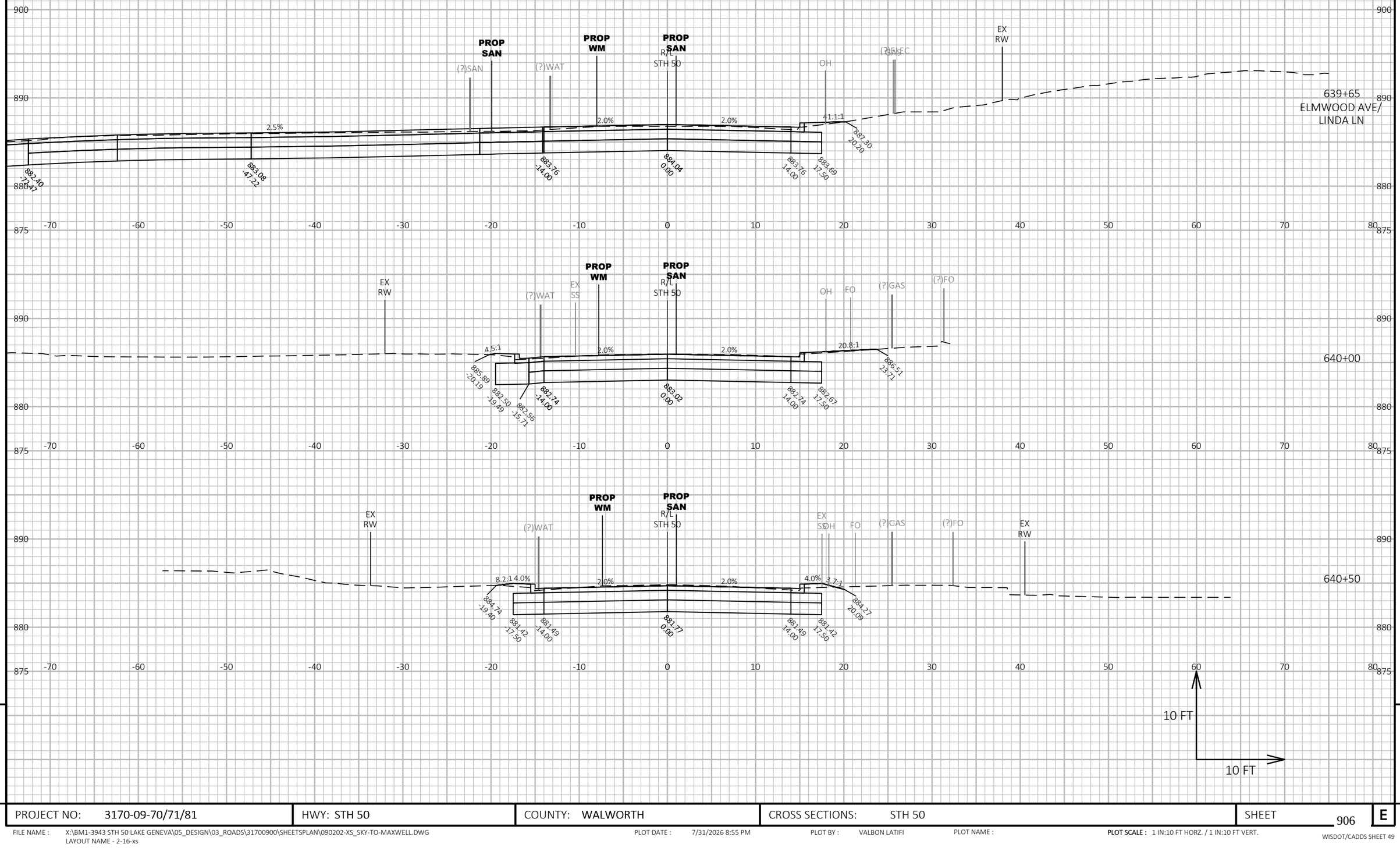
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-15-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 906 E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-16-xs

PLOT DATE : 7/31/2026 8:55 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

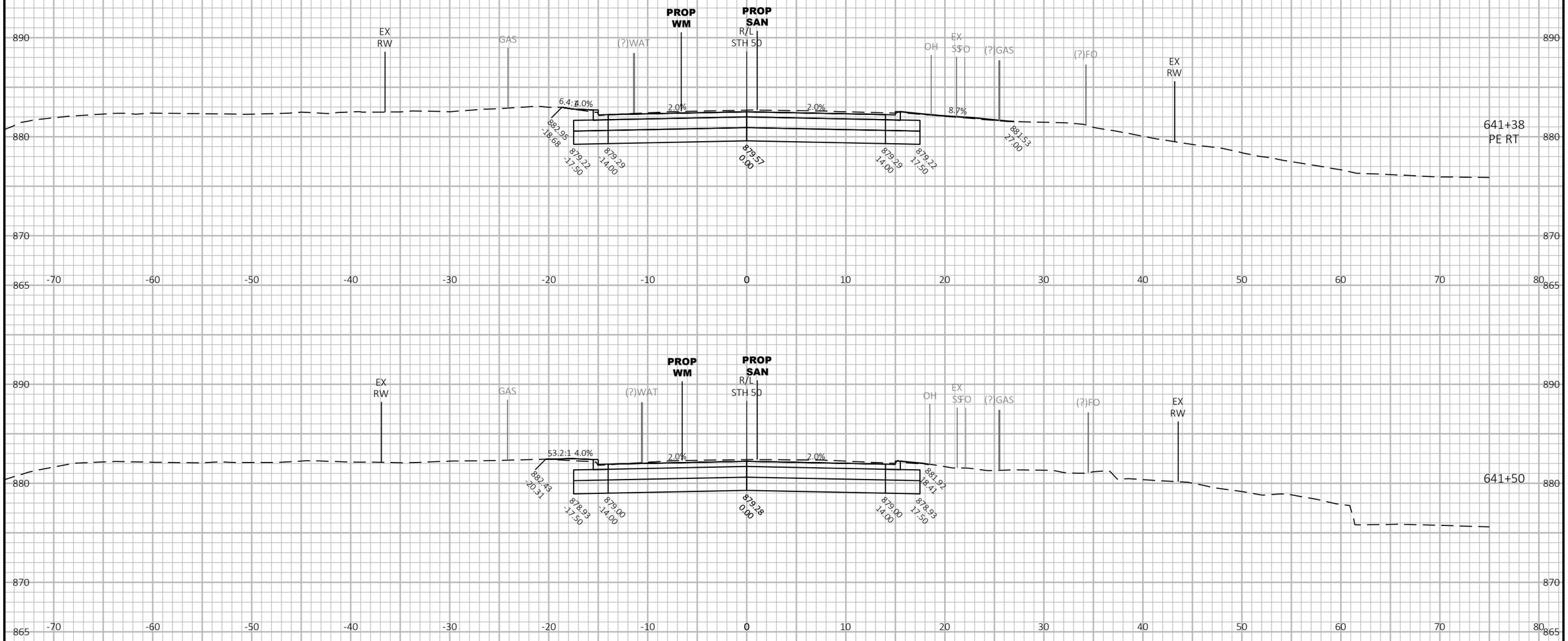
WISDOT/CADDS SHEET 49

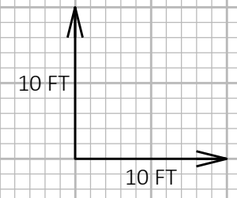
ALL WORK COMPLETED STAGE 2A/B/C



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 907	E

ALL WORK COMPLETED STAGE 2A/B/C





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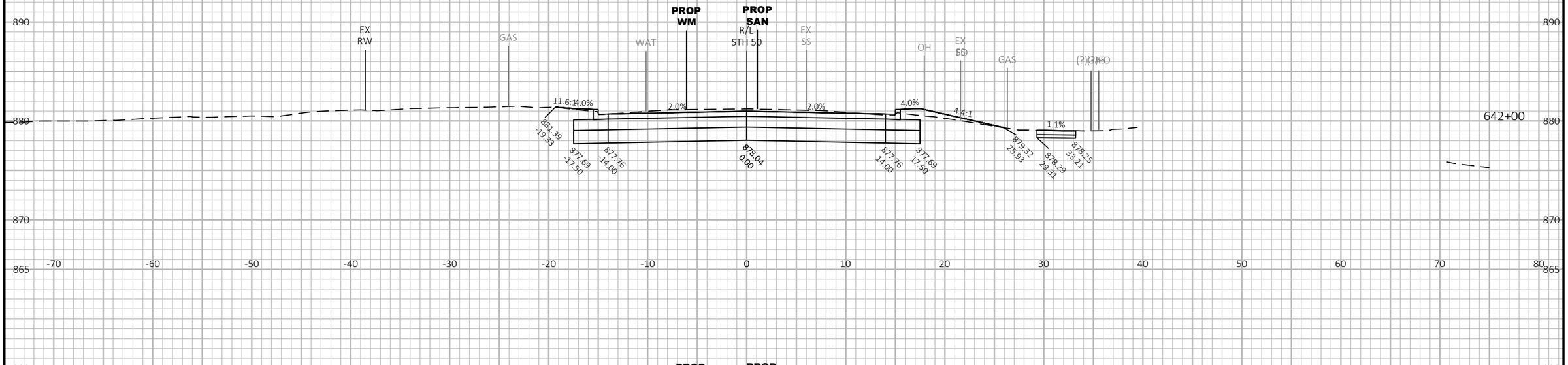
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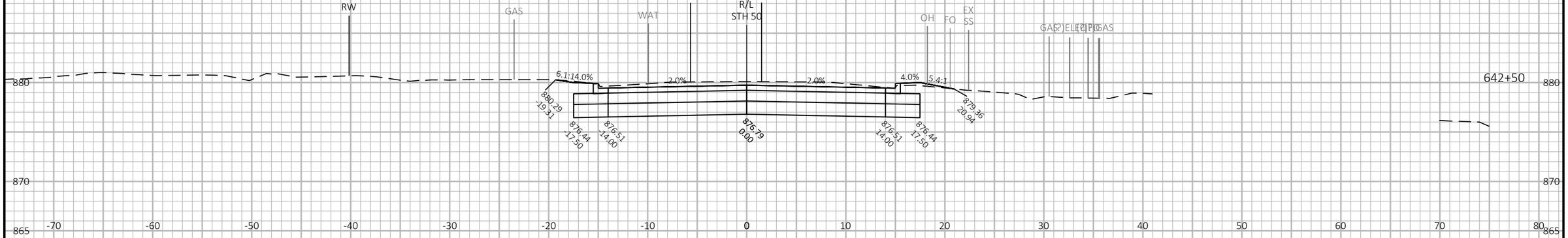
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LAYOUT NAME - 2-18-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





10 FT

10 FT

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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 909	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-19-xs

PLOT DATE : 7/31/2026 8:56 PM

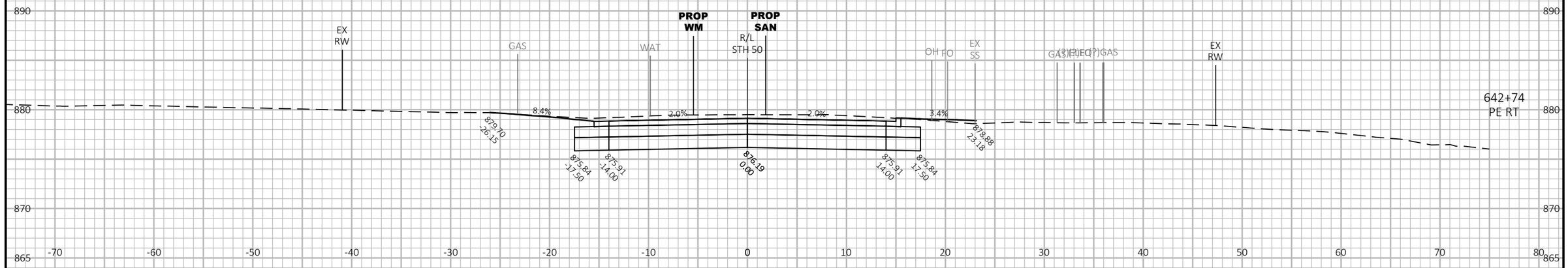
PLOT BY : VALBON LATIFI

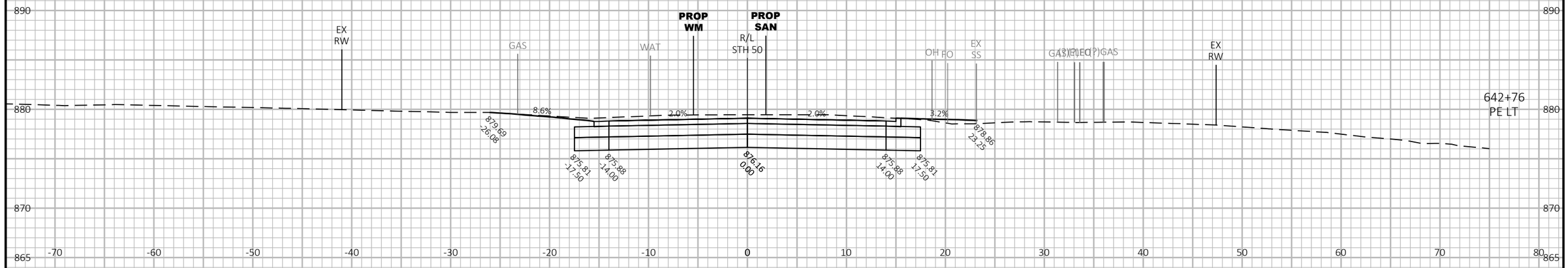
PLOT NAME :

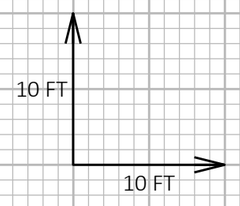
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C







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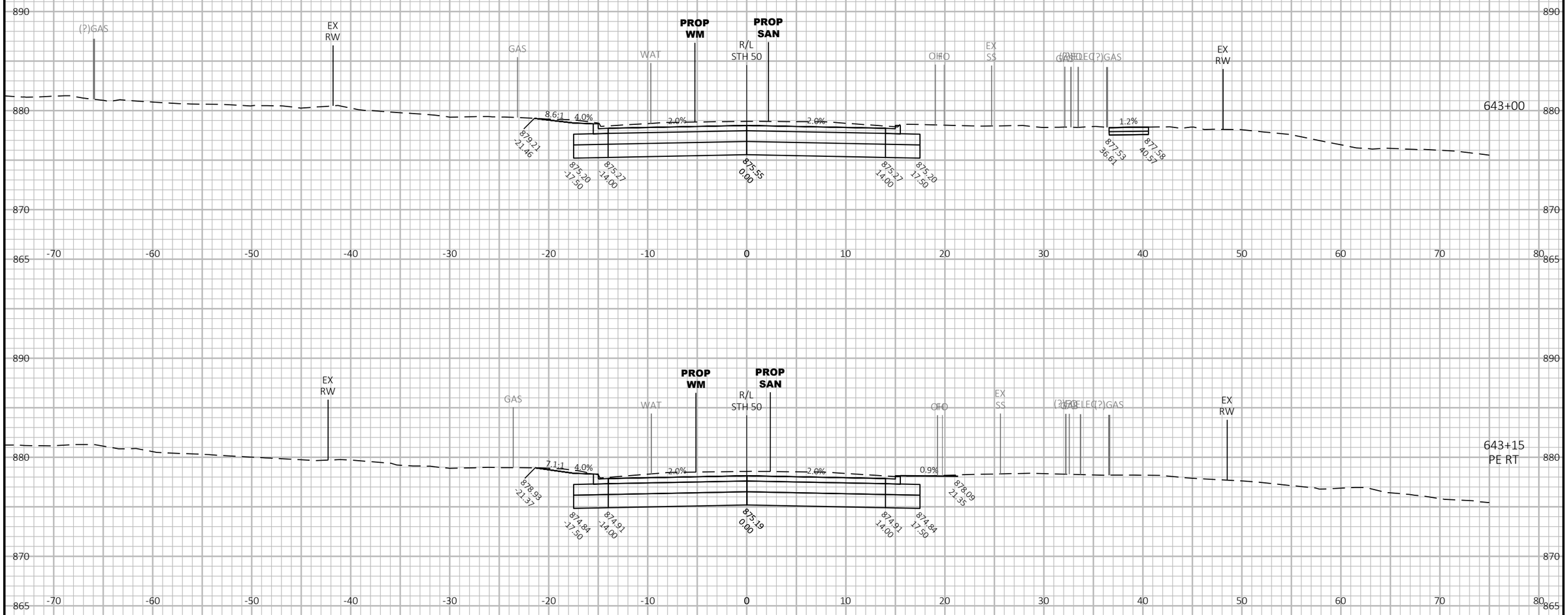
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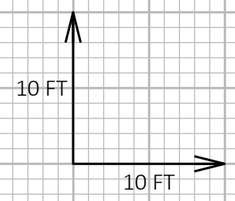
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LAYOUT NAME - 2-20-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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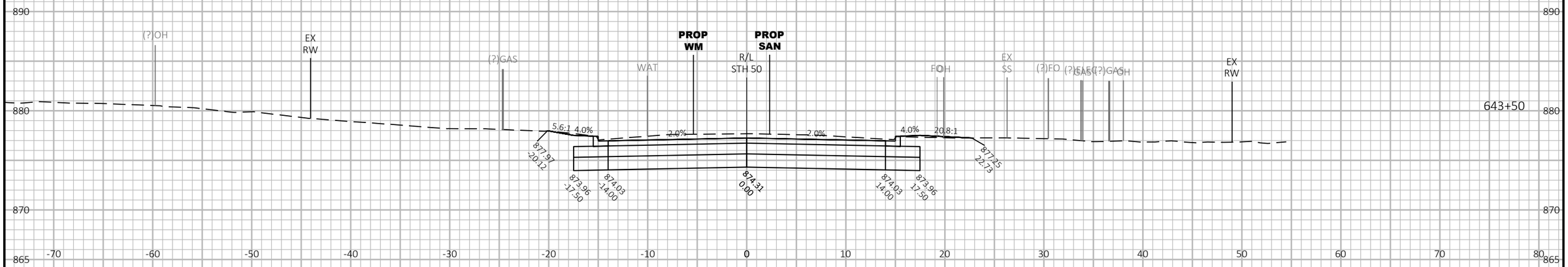
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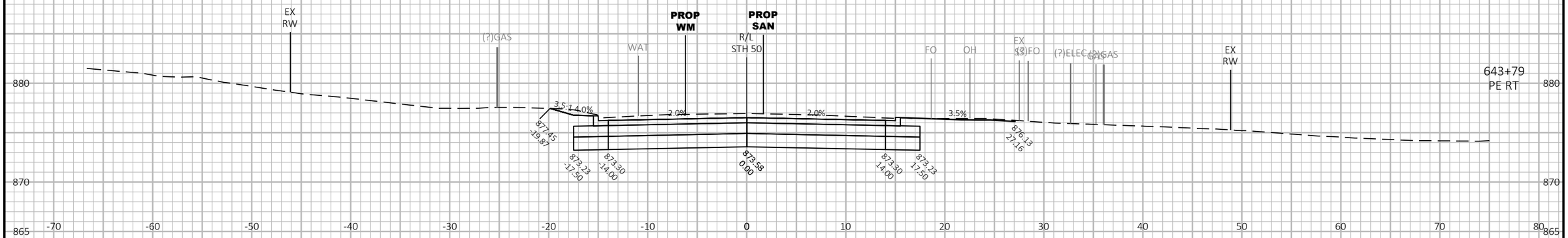
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LAYOUT NAME - 2-21-xs

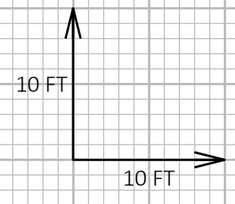
PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C







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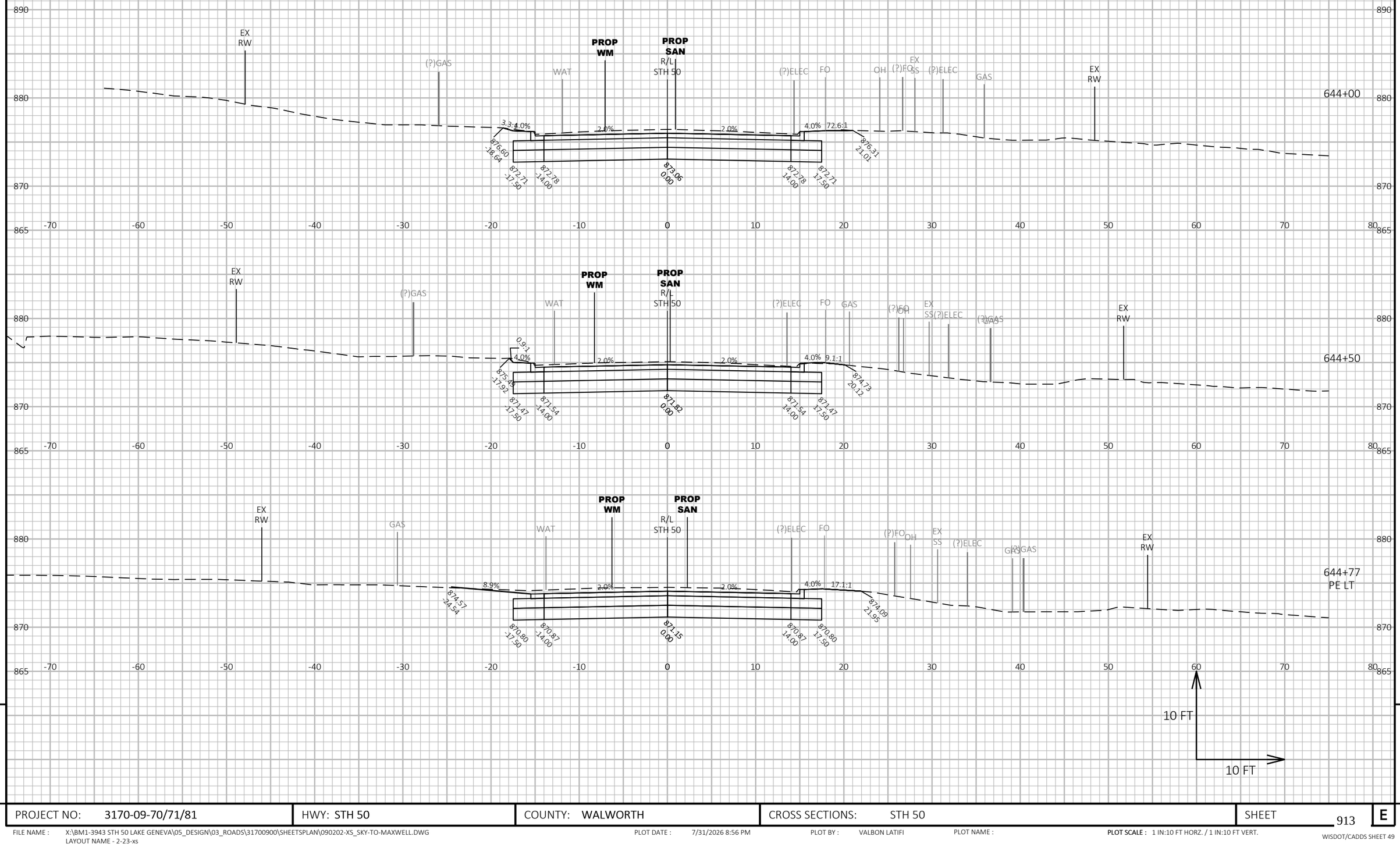
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 912	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-22-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 913	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-23-xs

PLOT DATE : 7/31/2026 8:56 PM

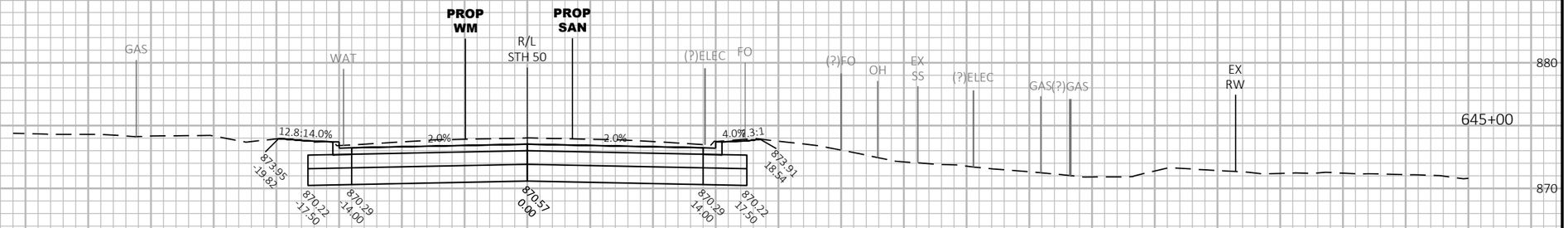
PLOT BY : VALBON LATIFI

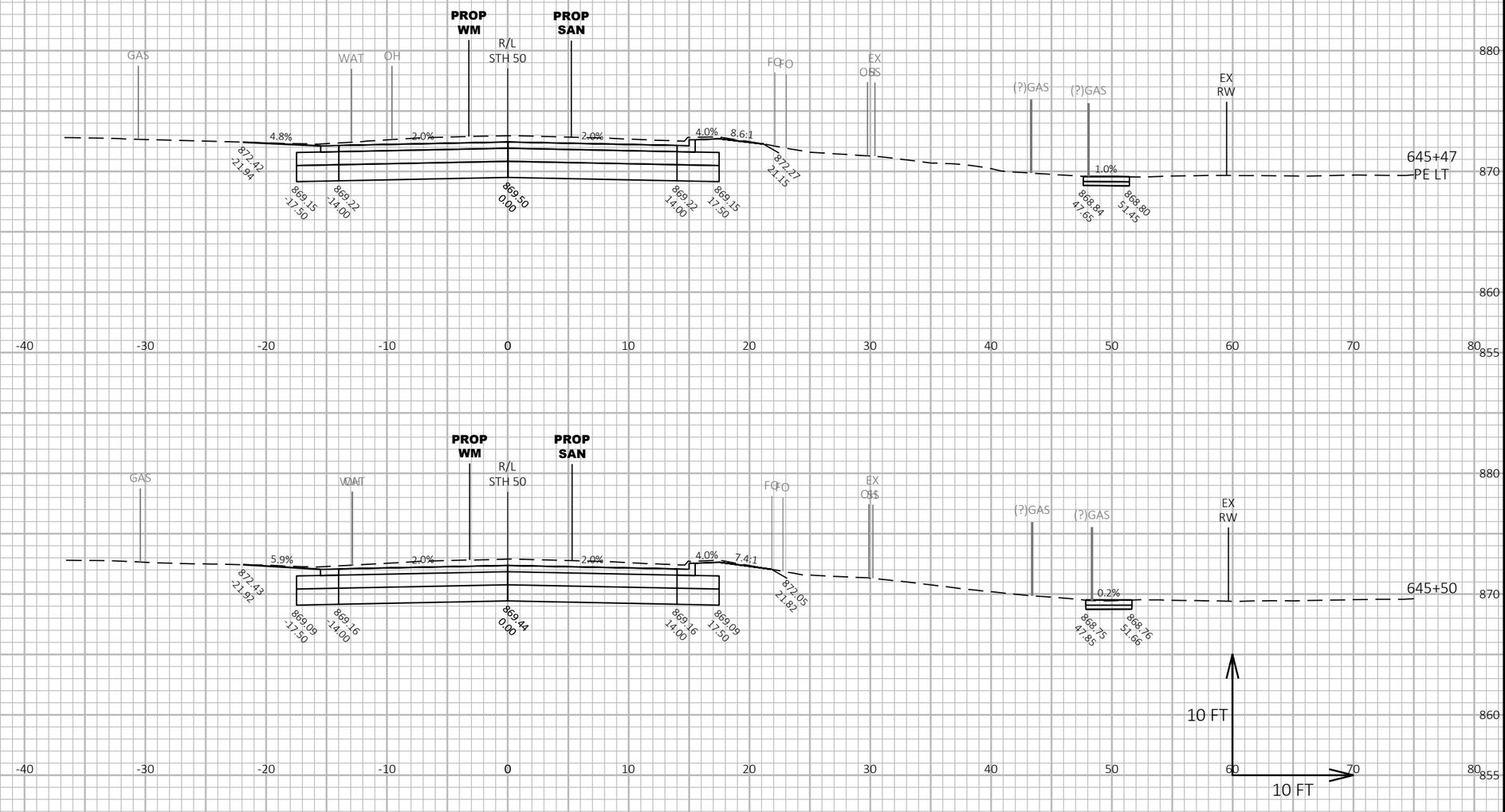
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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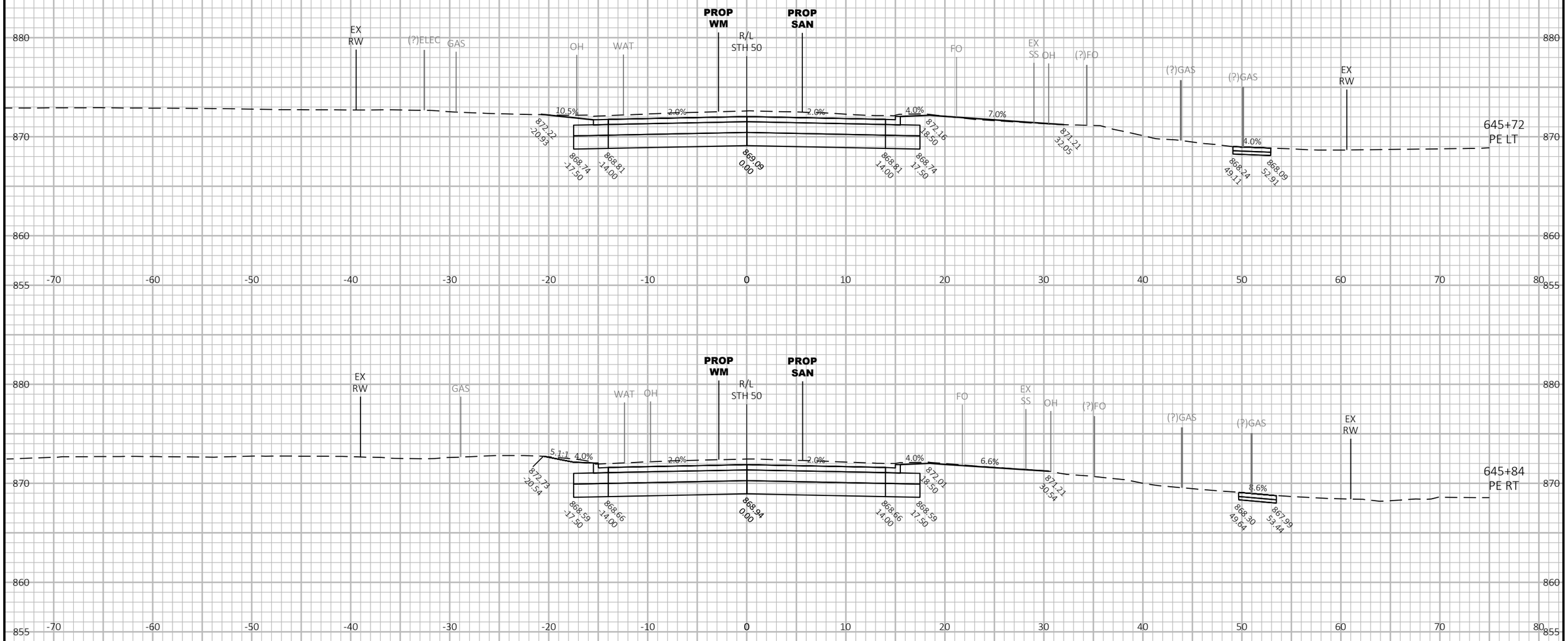
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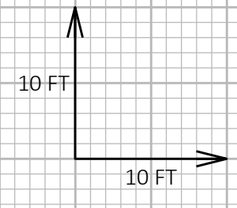
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LAYOUT NAME - 2-24-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





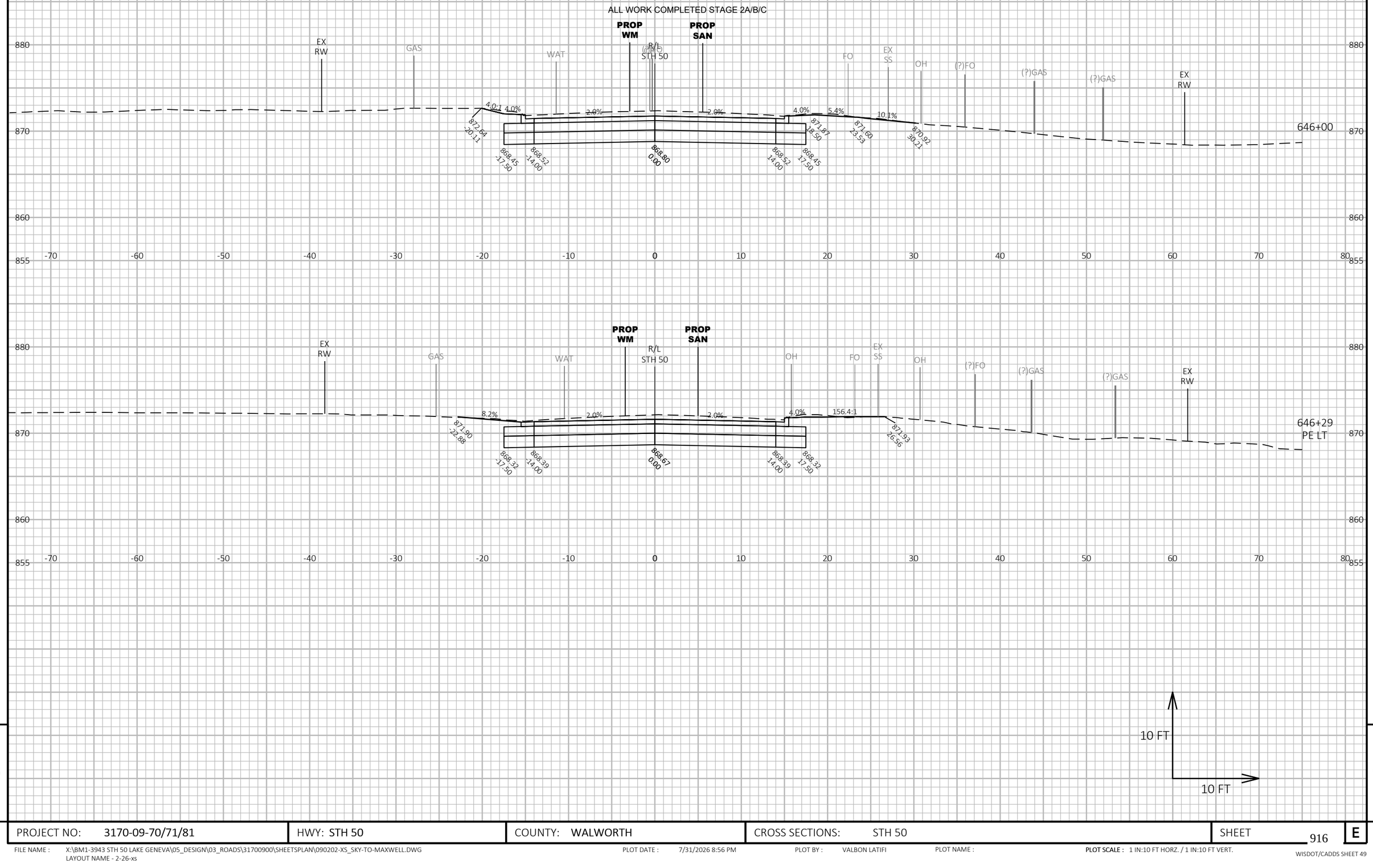
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 915	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-25-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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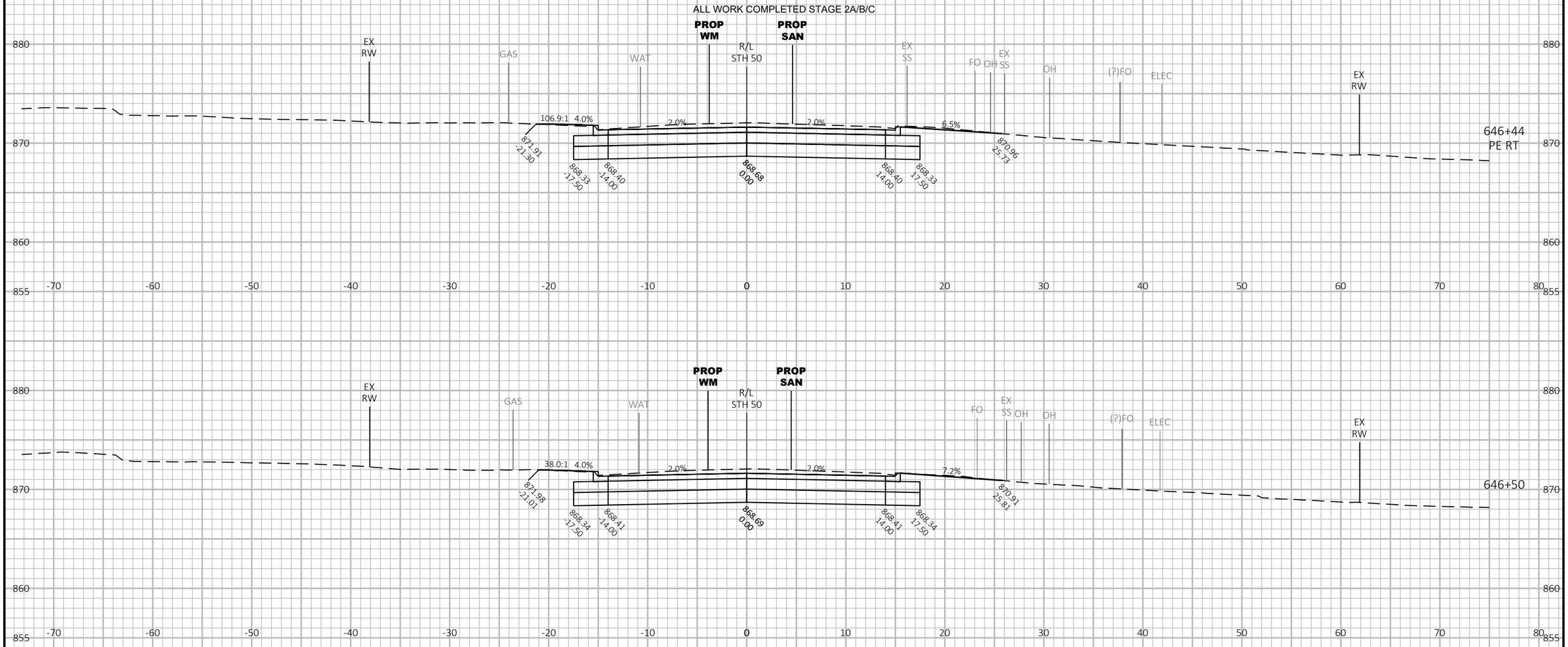
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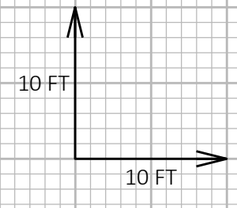
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LAYOUT NAME - 2-26-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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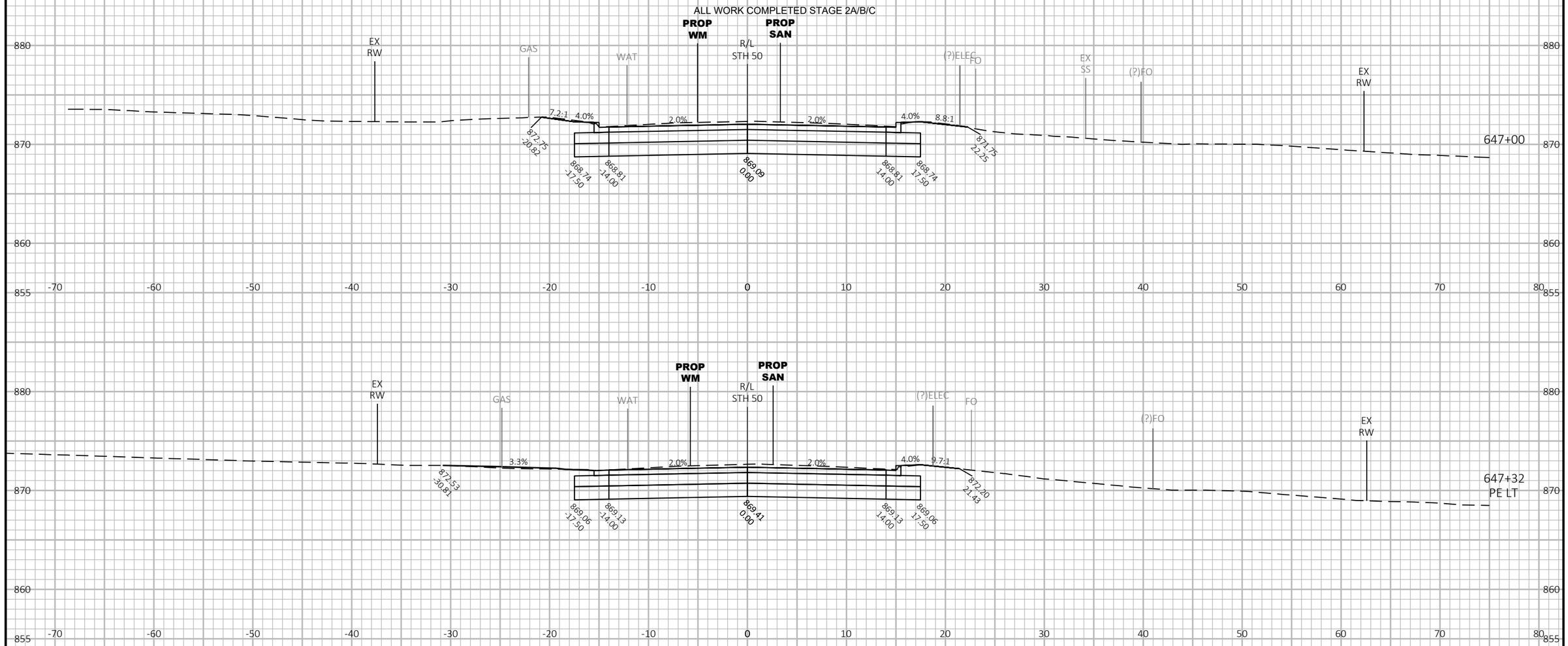
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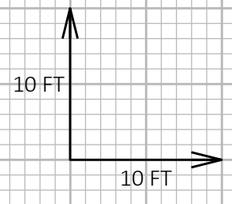
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LAYOUT NAME - 2-27-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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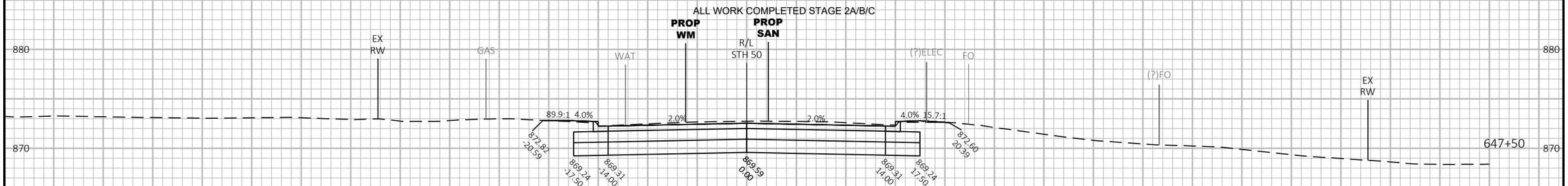
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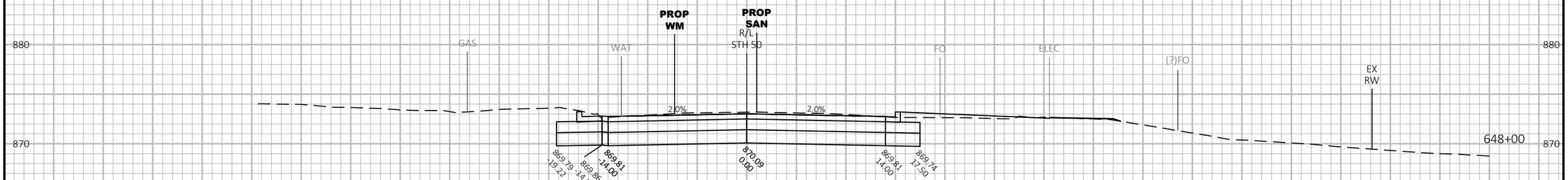
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LAYOUT NAME - 2-28-xs

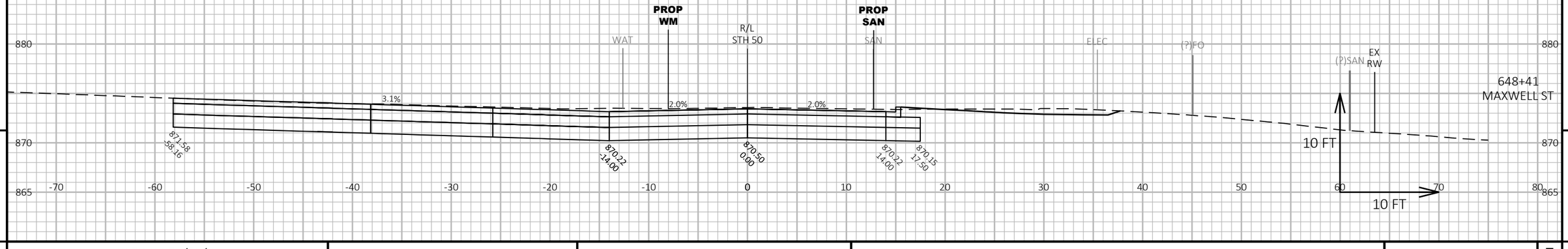
PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C







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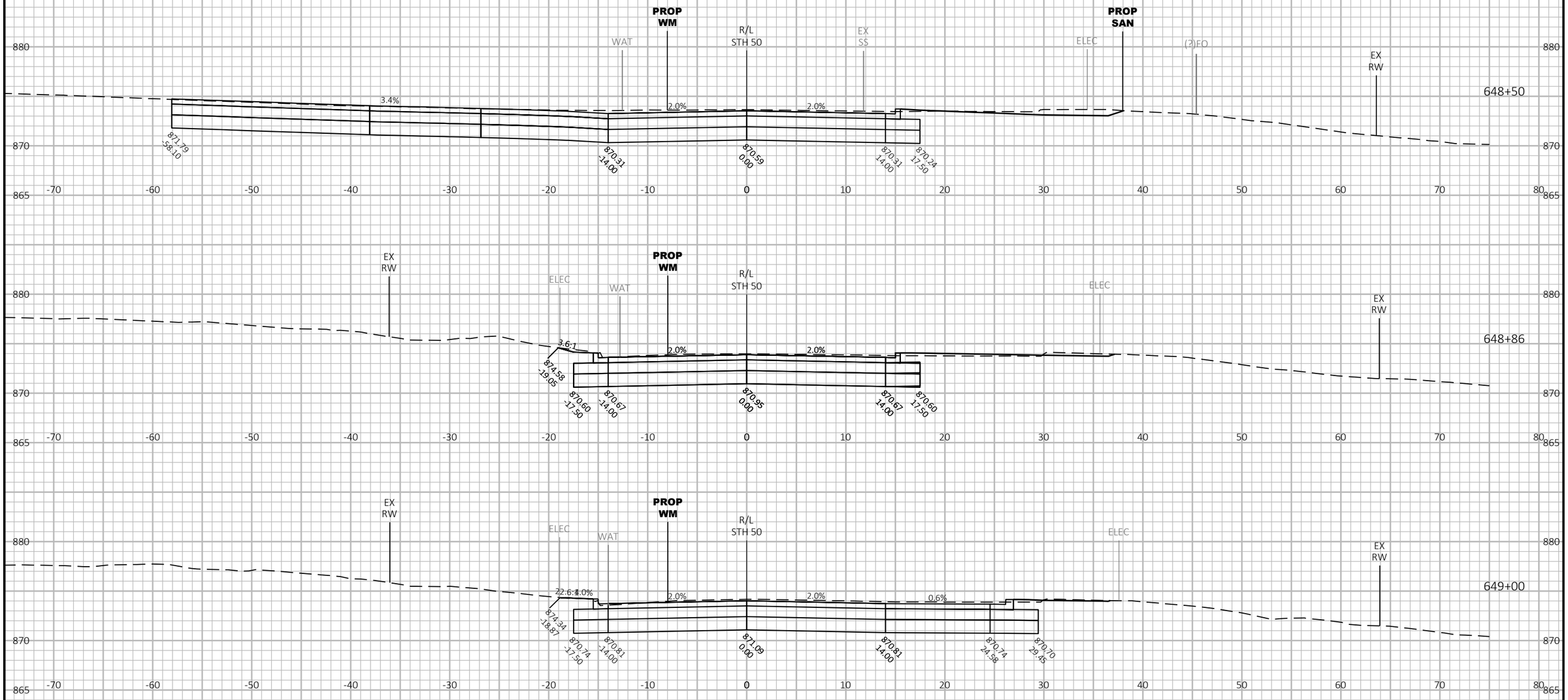
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-29-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C



10 FT

10 FT

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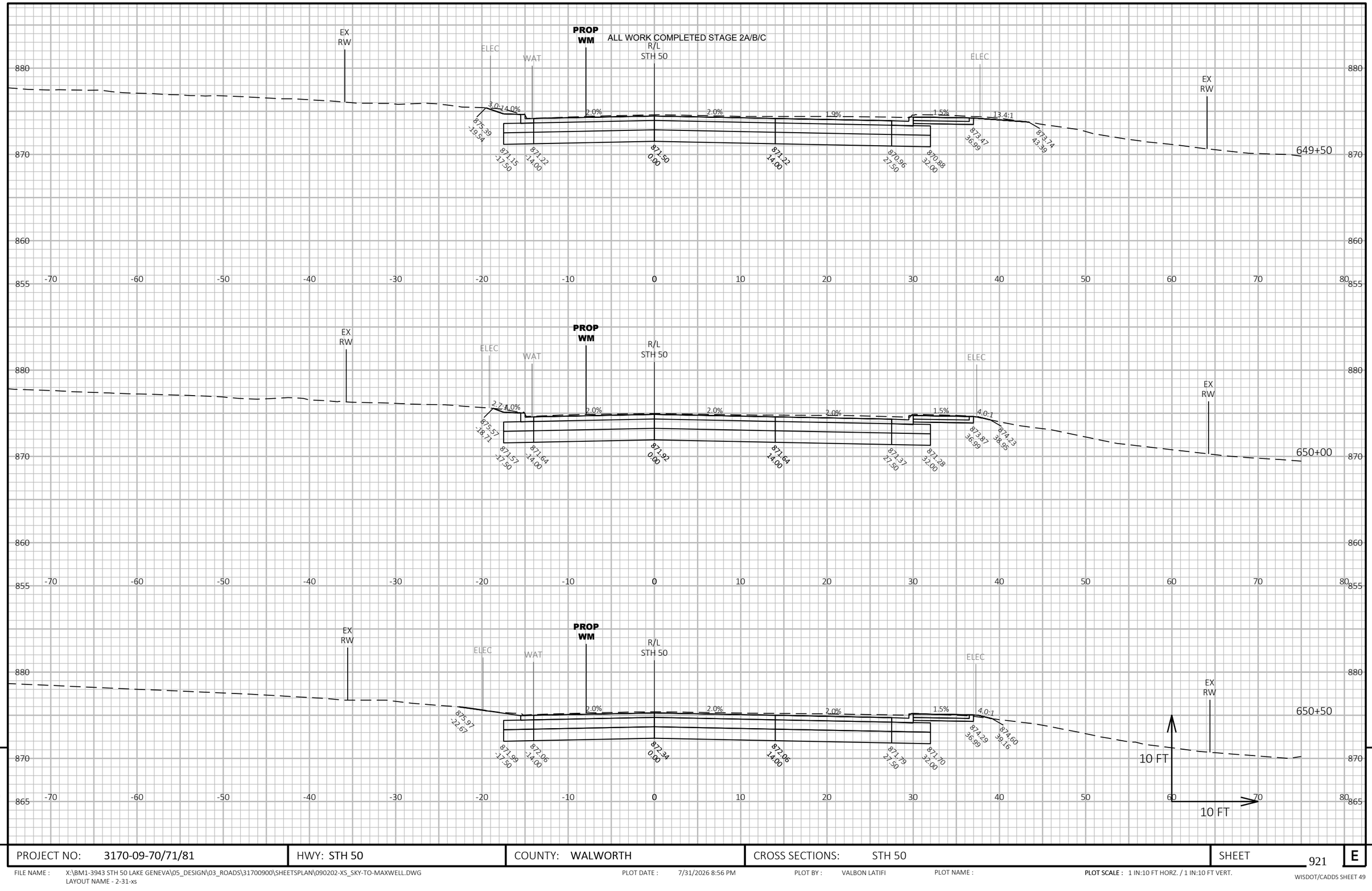
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 920	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-30-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



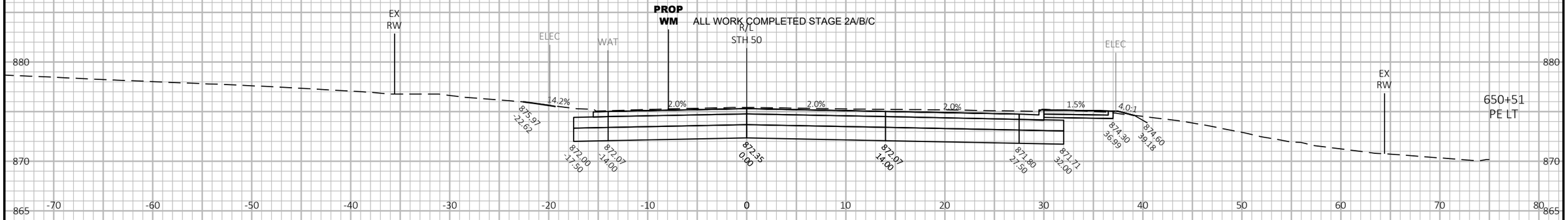
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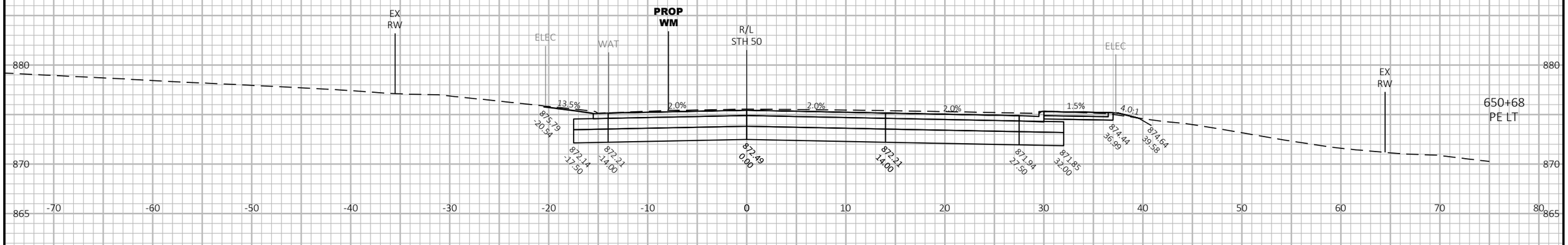
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LAYOUT NAME - 2-31-xs

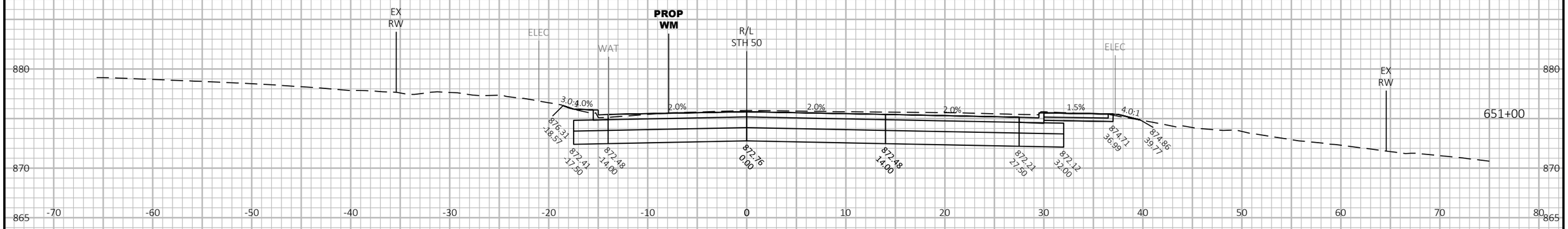
PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

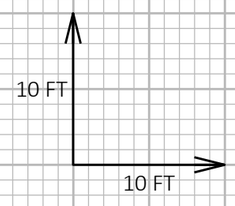
WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C









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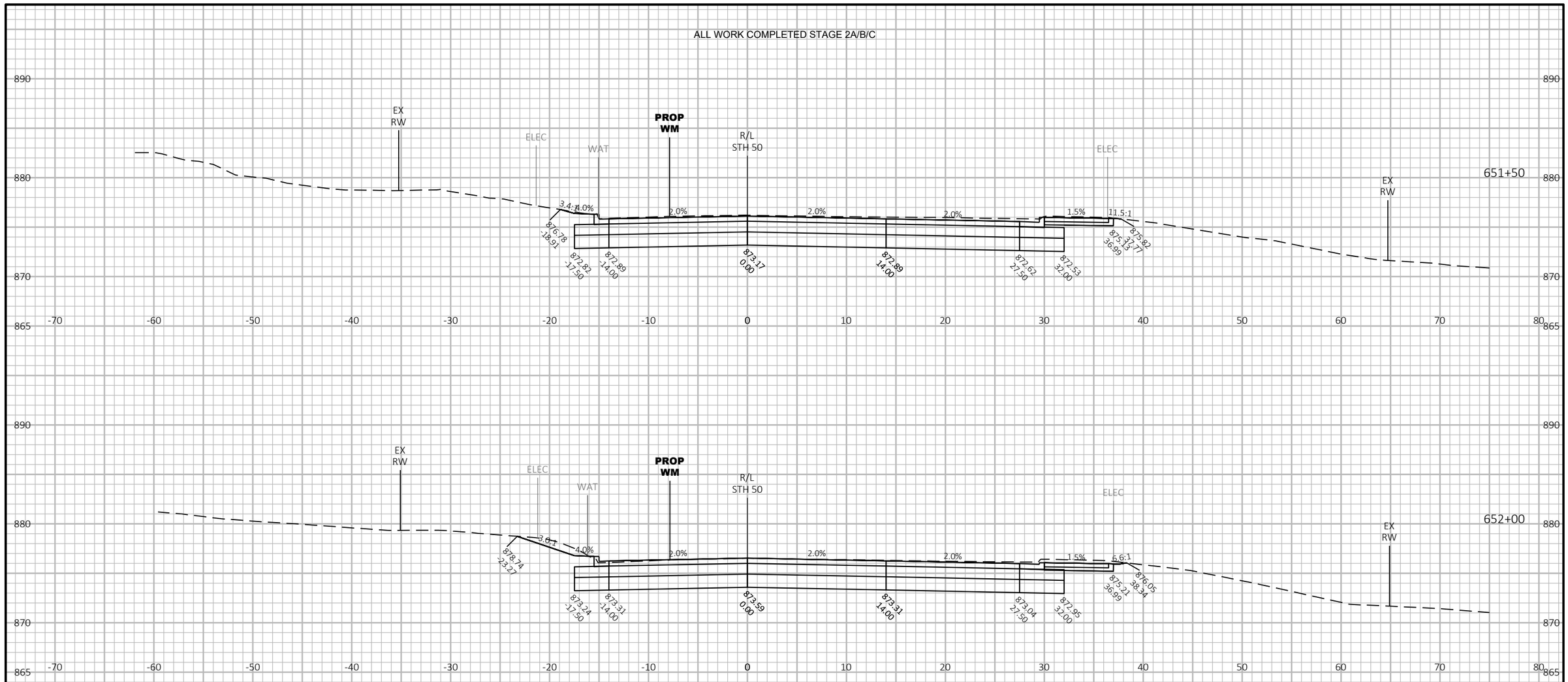
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 922	E

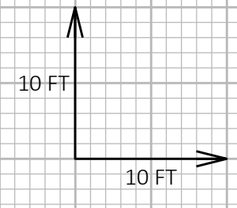
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-32-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





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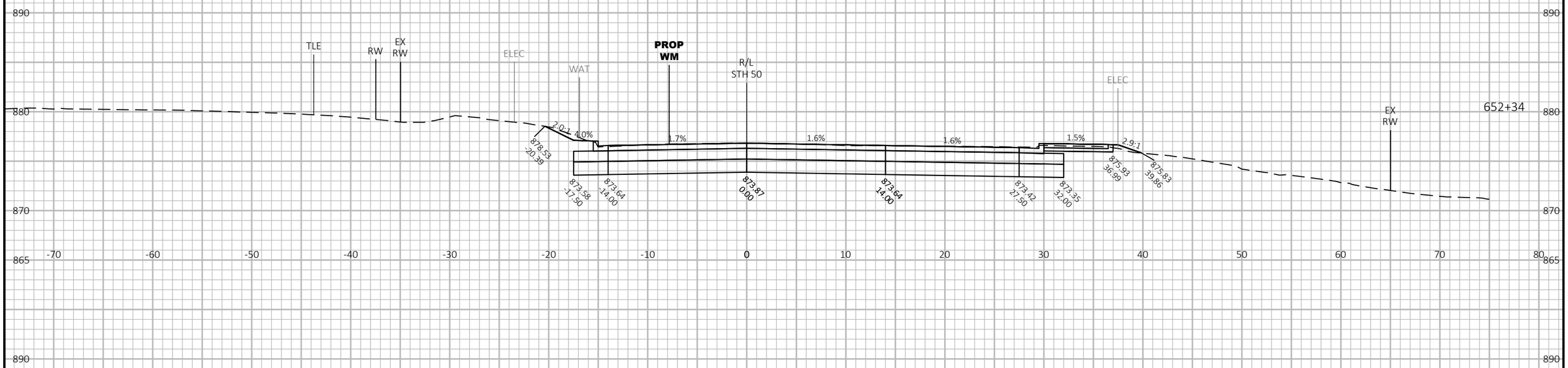
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 923	E

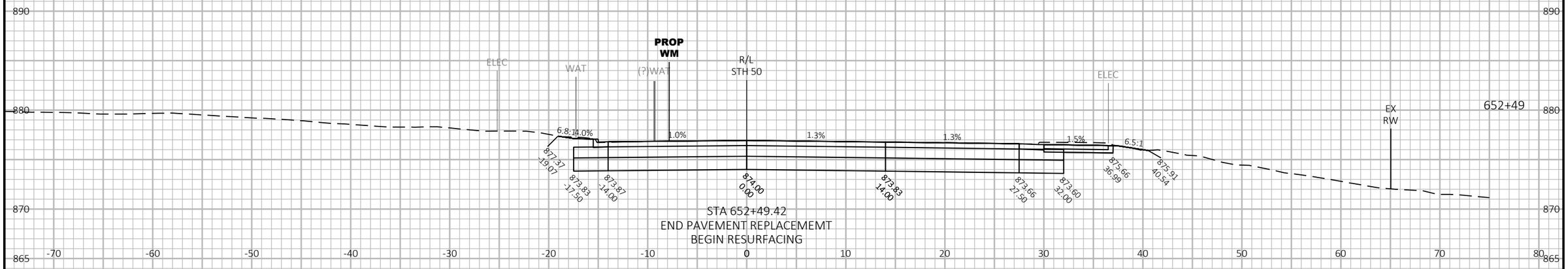
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-33-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

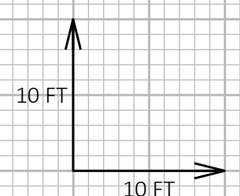
WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 2A/B/C





STA 652+49.42
END PAVEMENT REPLACEMEMT
BEGIN RESURFACING



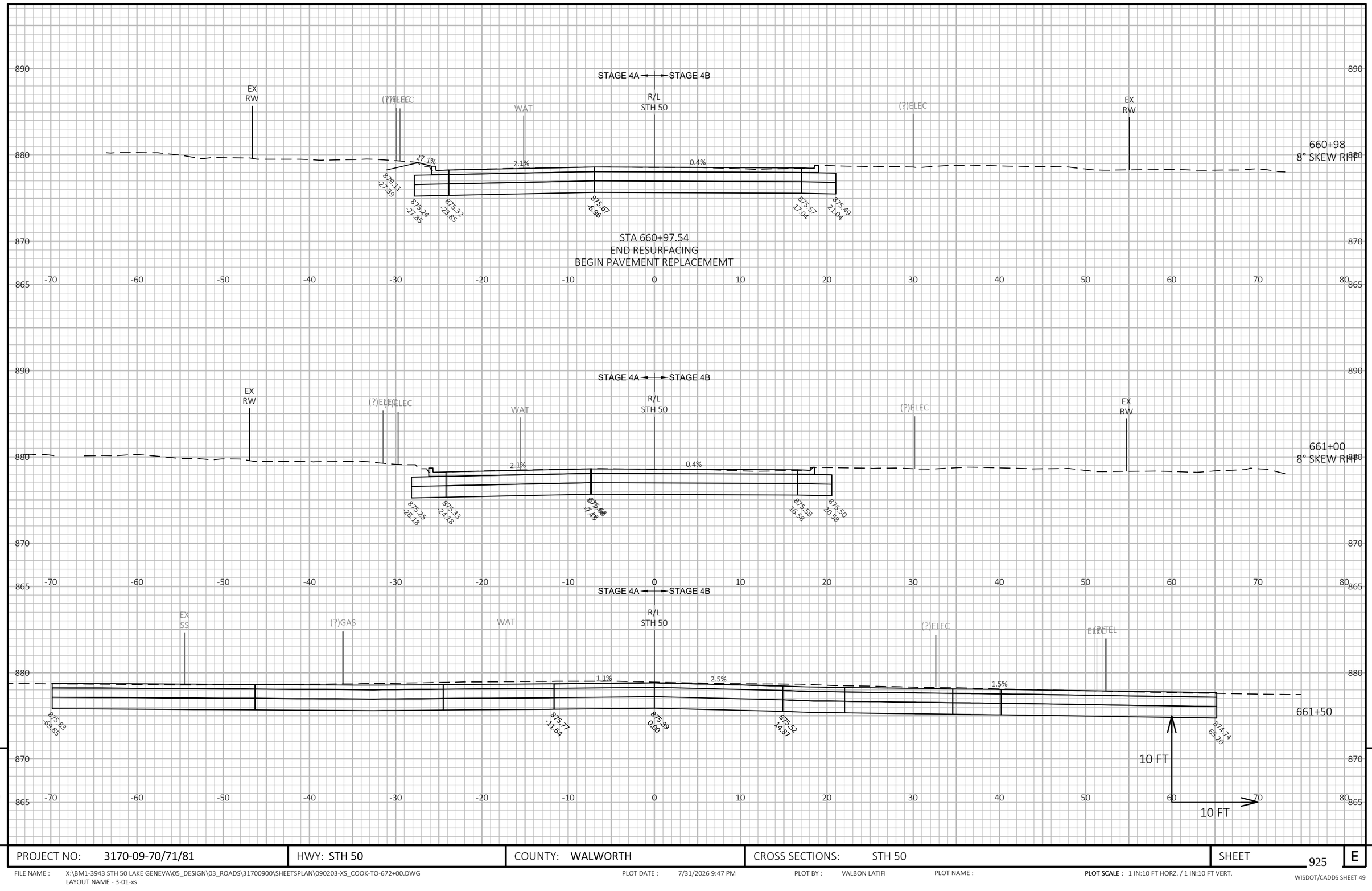
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 924	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090202-XS_SKY-TO-MAXWELL.DWG
LAYOUT NAME - 2-34-xs

PLOT DATE : 7/31/2026 8:56 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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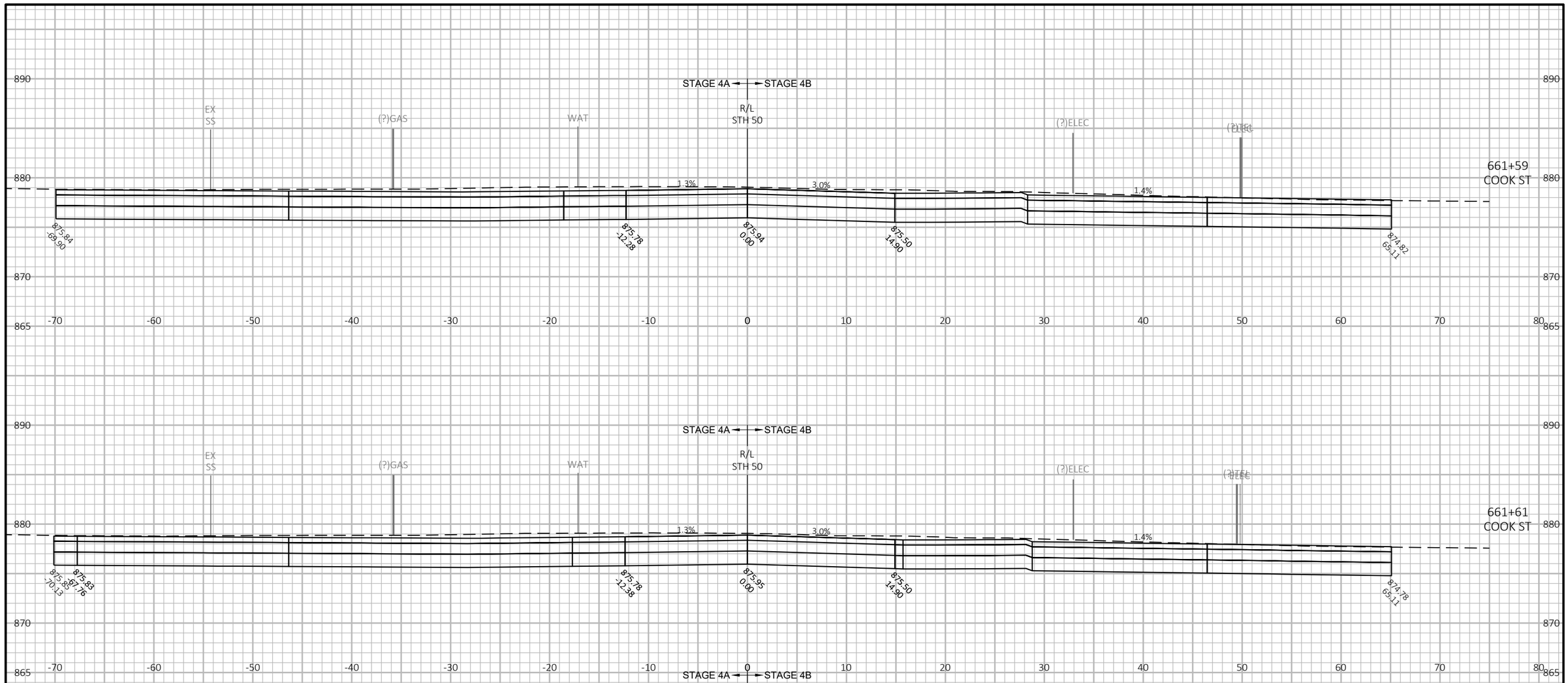
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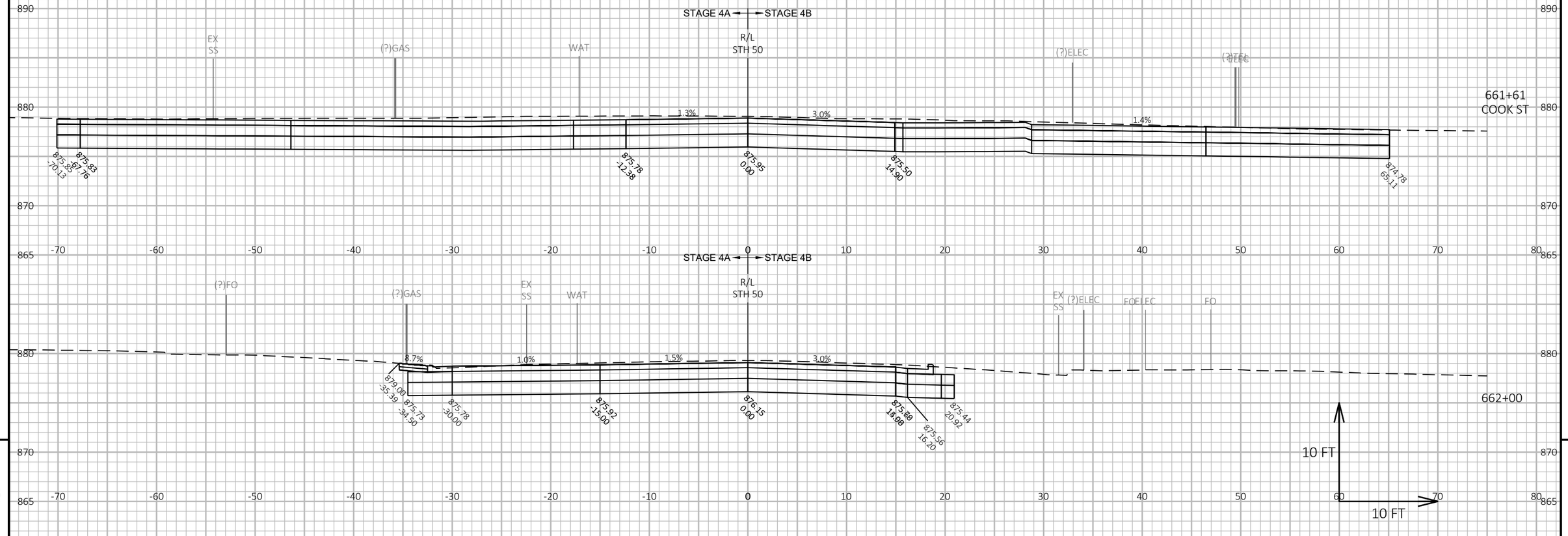
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 925	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-01-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 926	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-02-xs

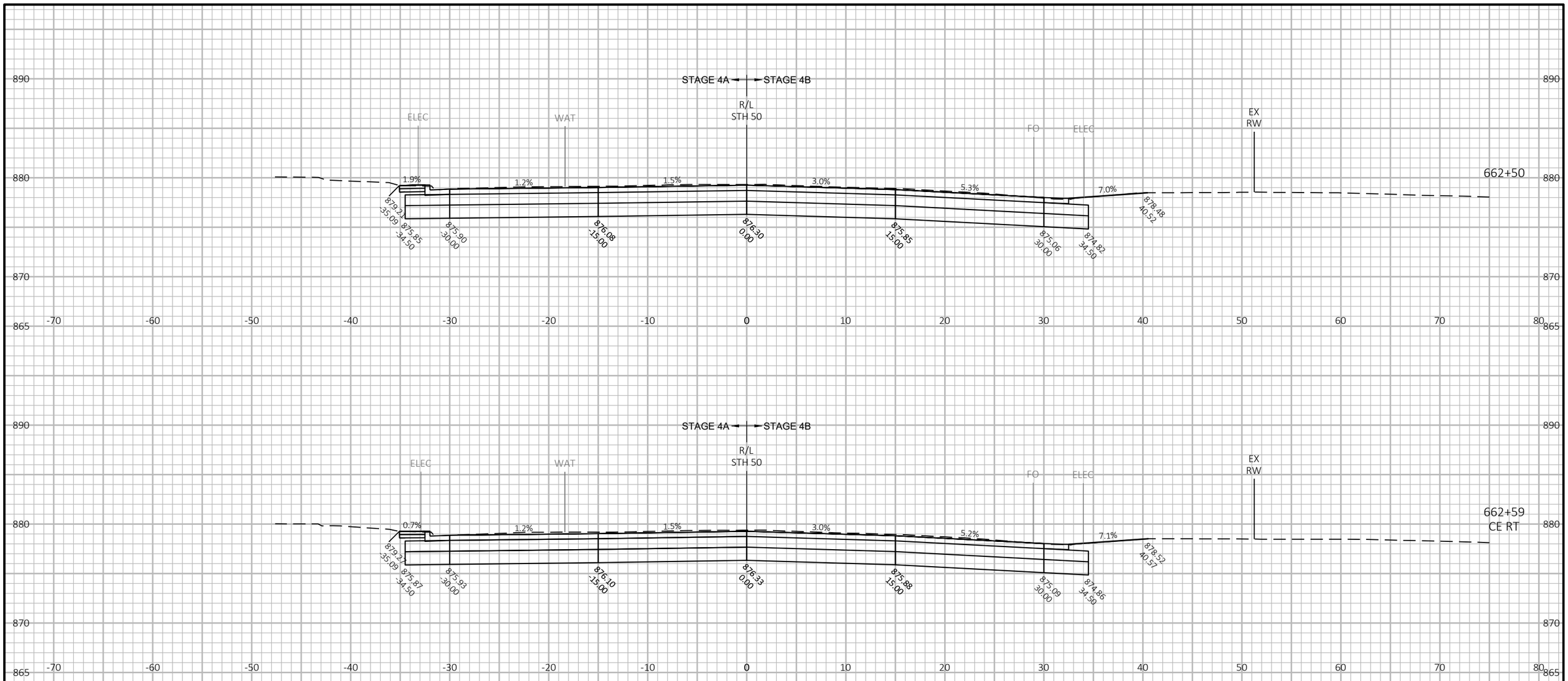
PLOT DATE : 7/31/2026 9:47 PM

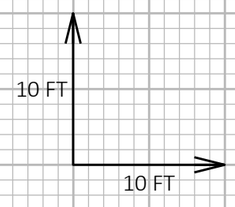
PLOT BY : VALBON LATIFI

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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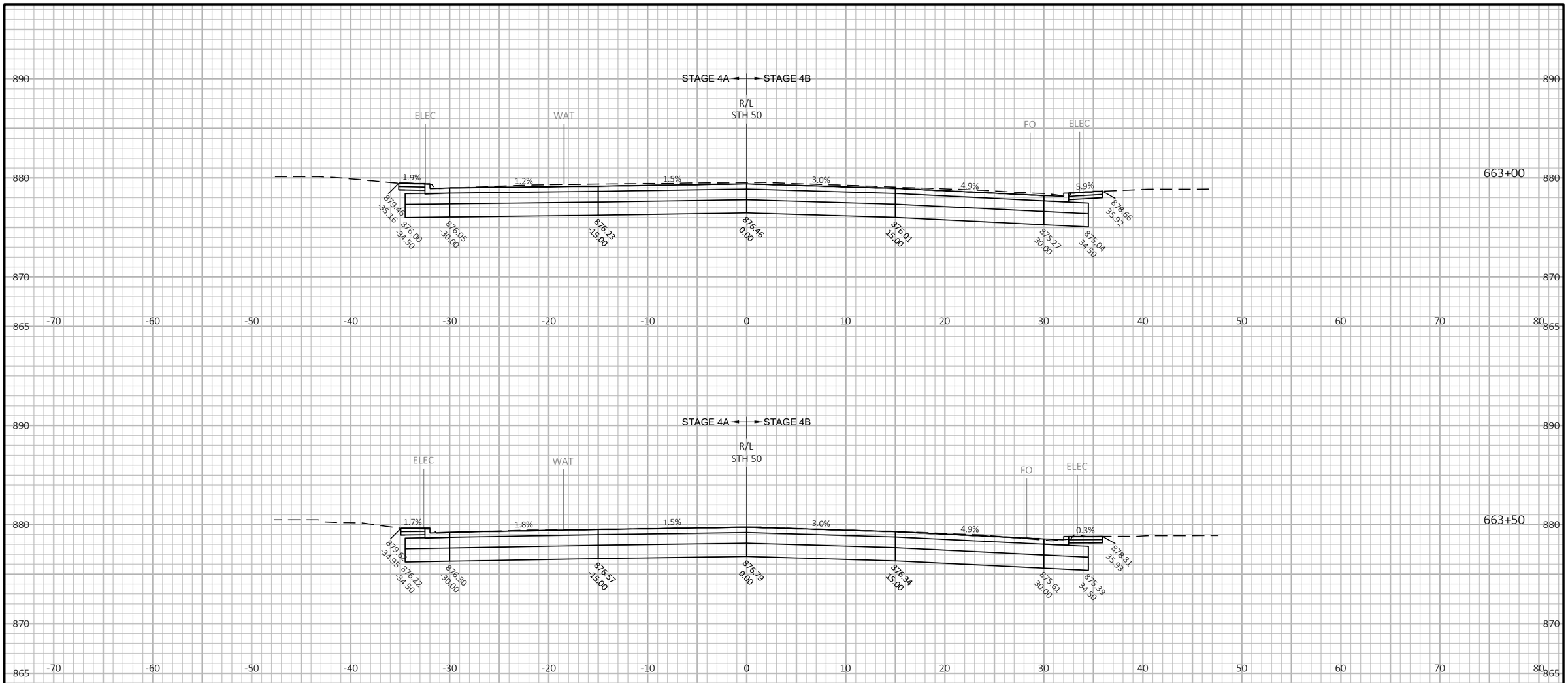
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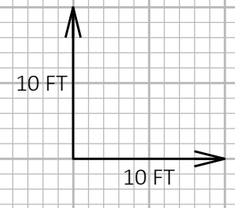
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 927	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-03-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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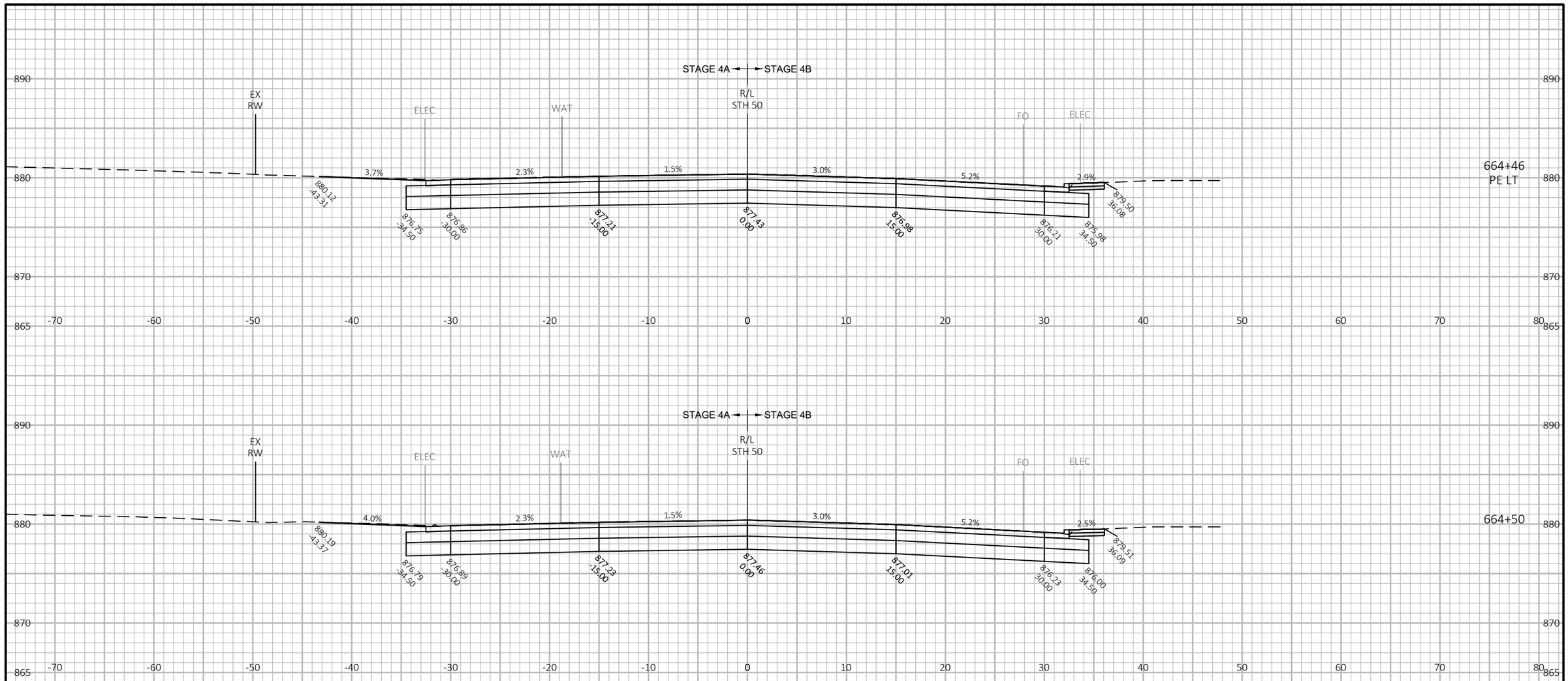
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 928	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-04-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 929	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-05-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

STAGE 4A ◄ ► STAGE 4B

R/L
STH 50

ELEC
WAT
FO
ELEC

13.5%
1.5%
1.5%
3.0%
5.6%
0.6%

881.00
-34.82
877.27
-34.50
877.34
-30.00
877.56
-15.00
877.79
0.00
877.34
15.00
876.51
30.00
876.25
34.50
879.72
36.13

665+00

890
880
870
865
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

STAGE 4A ◄ ► STAGE 4B

EX
RW

R/L
STH 50

ELEC
ELEC
WAT
FO
ELEC

9.6%
1.3%
1.5%
3.0%
5.7%
2.1%

881.42
-34.68
877.79
-34.50
877.85
-30.00
878.05
-15.00
878.27
0.00
877.82
15.00
876.97
30.00
876.72
34.50
880.08
36.21

665+50

890
880
870
865
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

10 FT
10 FT

9

9

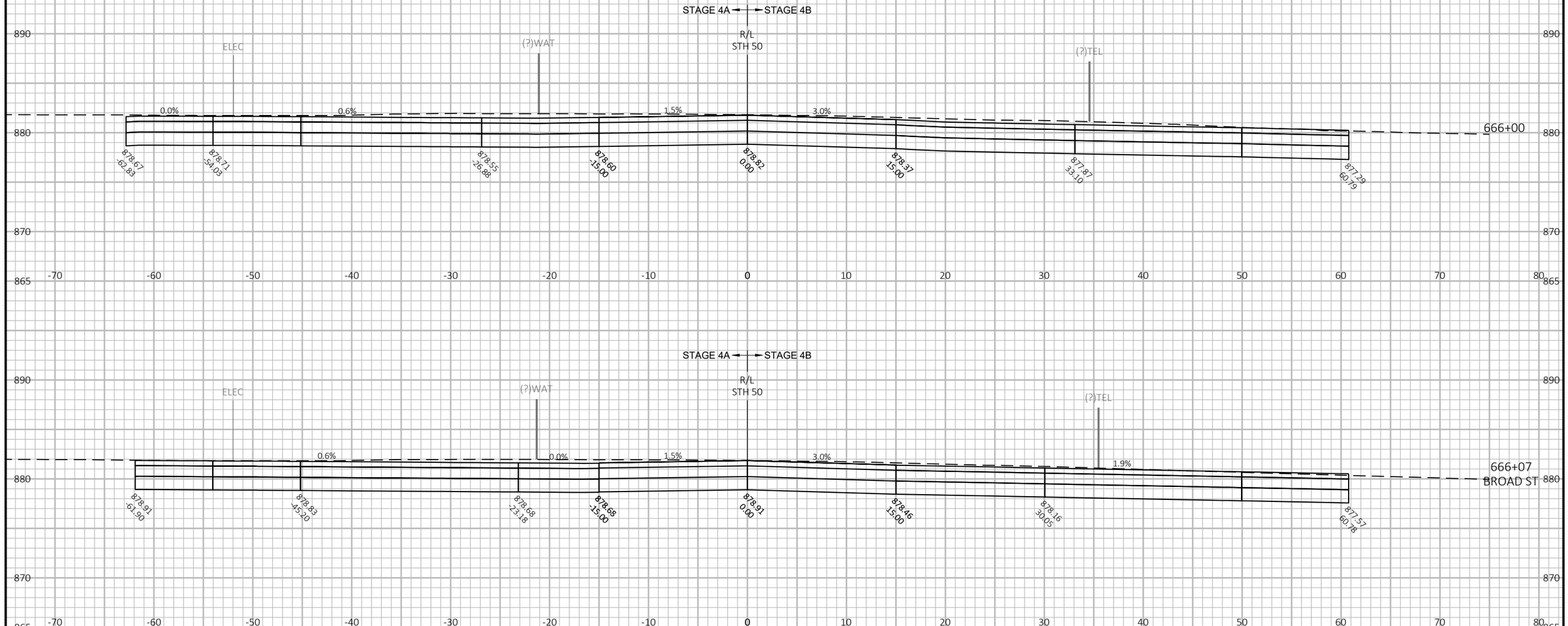
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 930	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-06-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

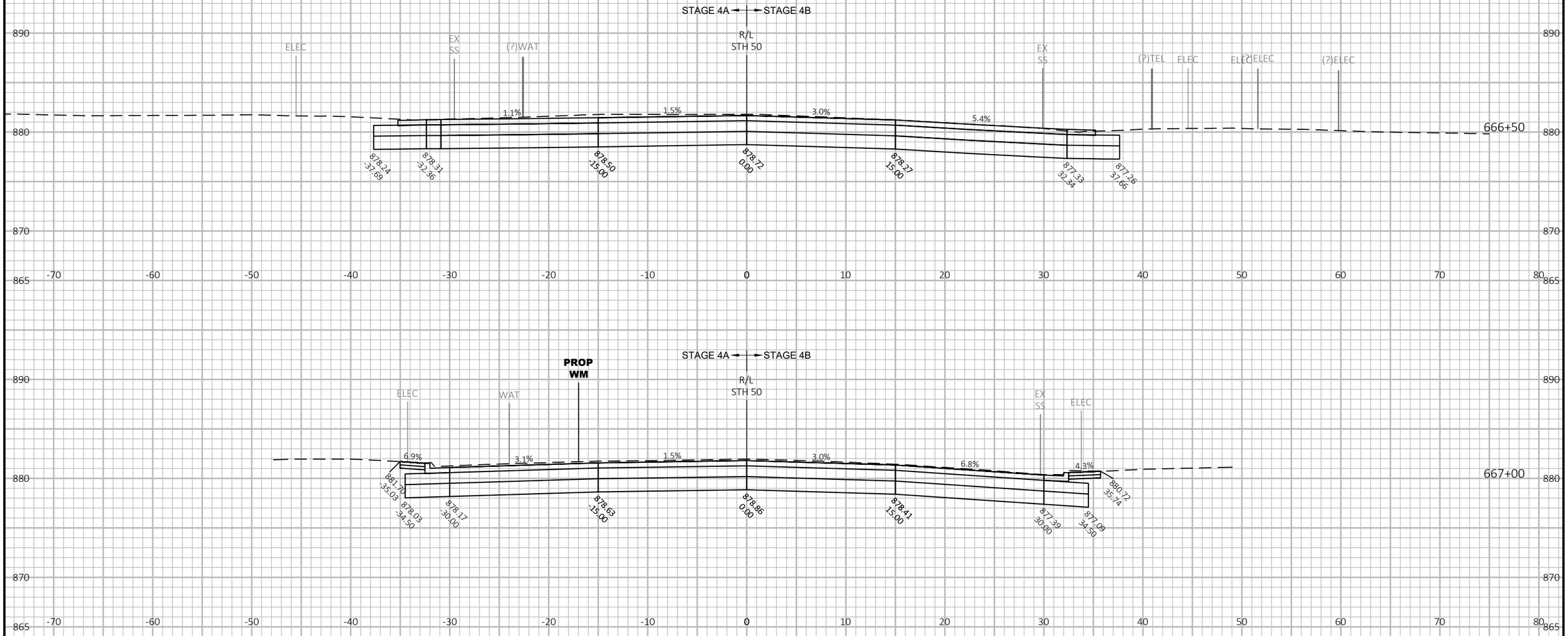
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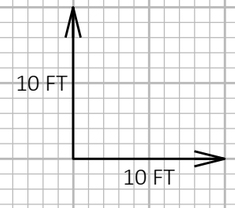
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 931	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-07-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

9

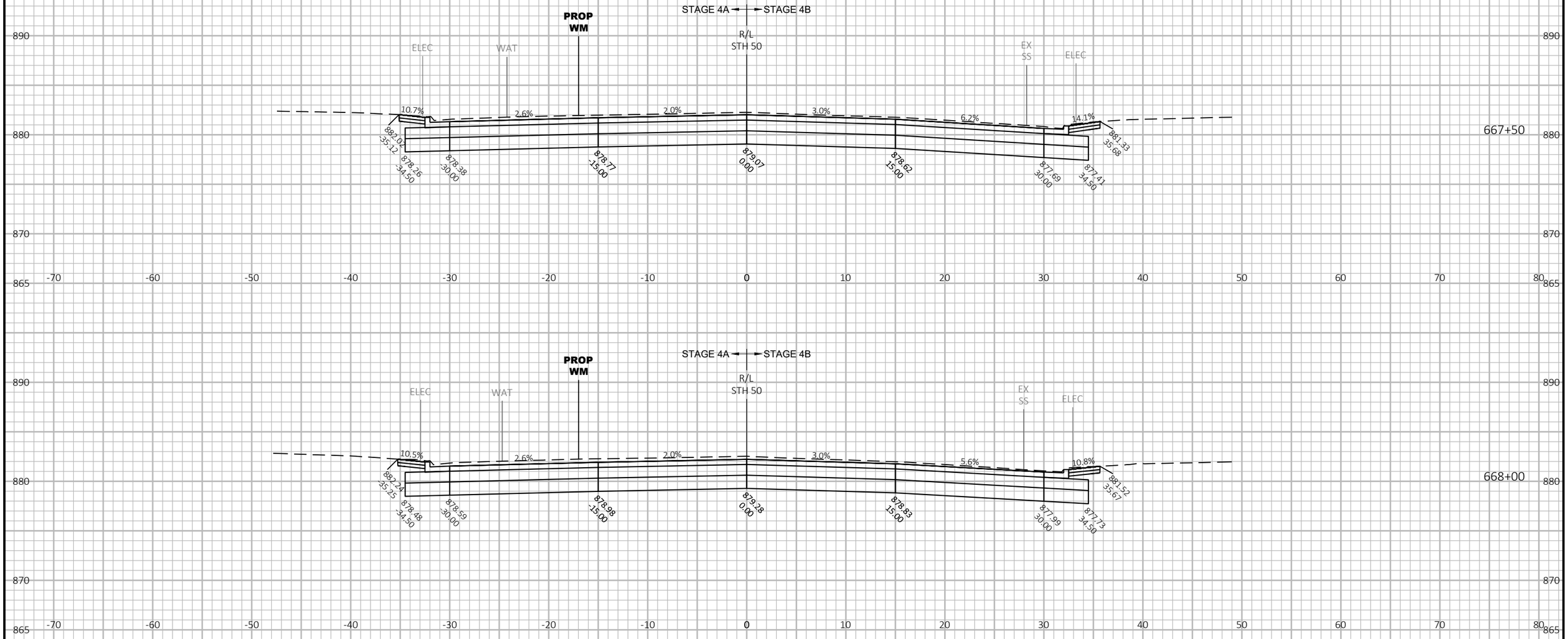
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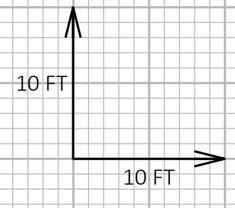
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-08-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

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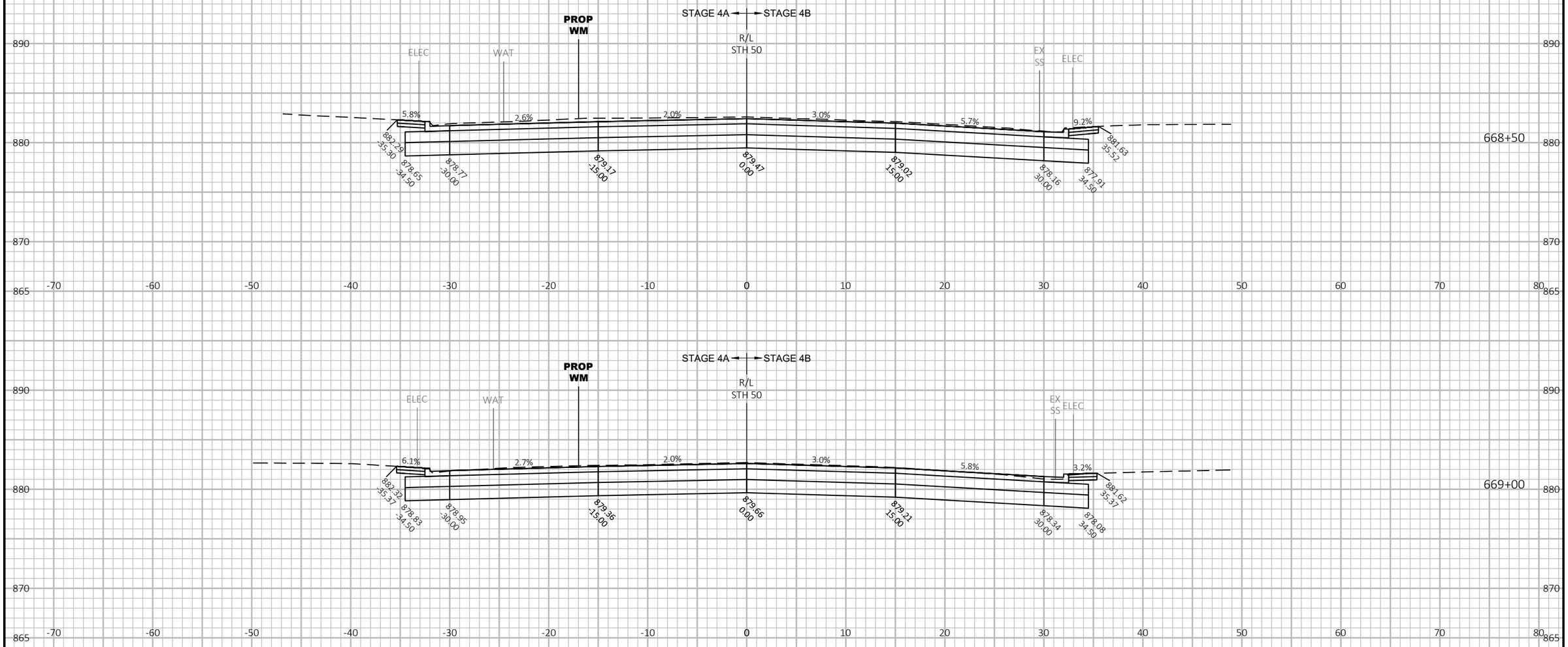
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-09-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



10 FT
10 FT

9

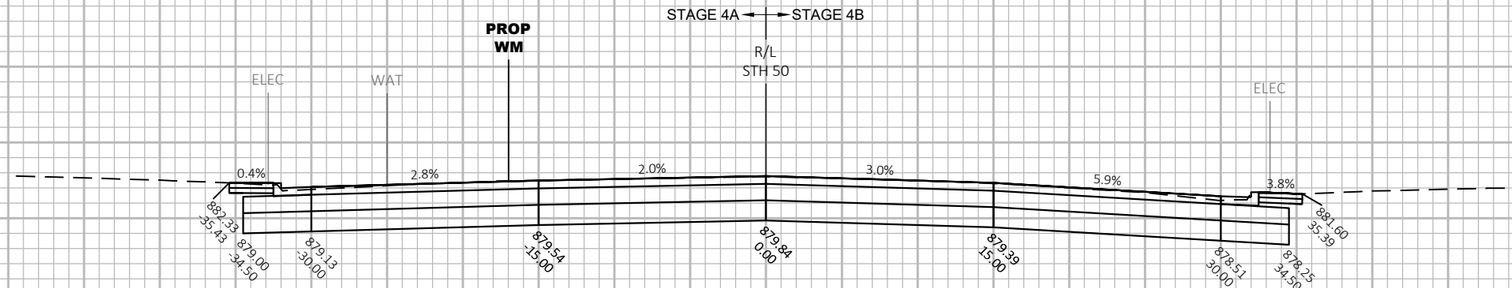
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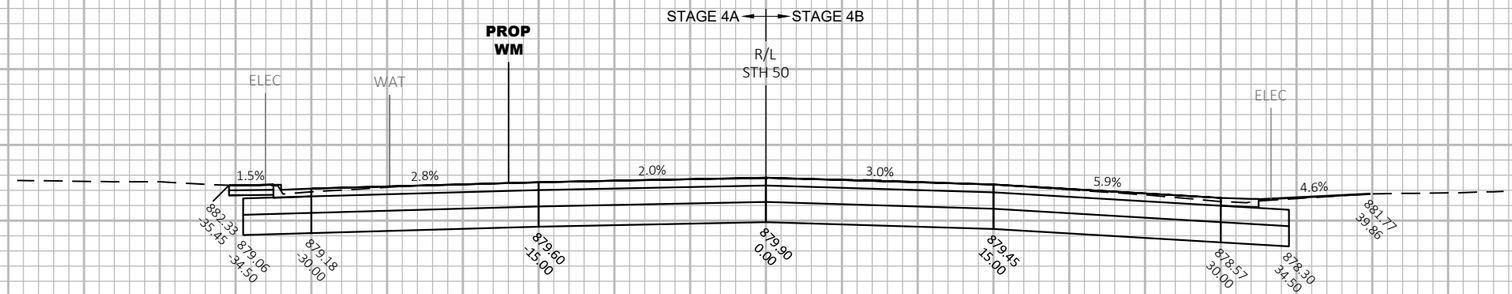
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 934	E

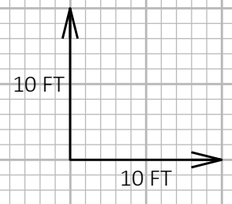
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-10-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





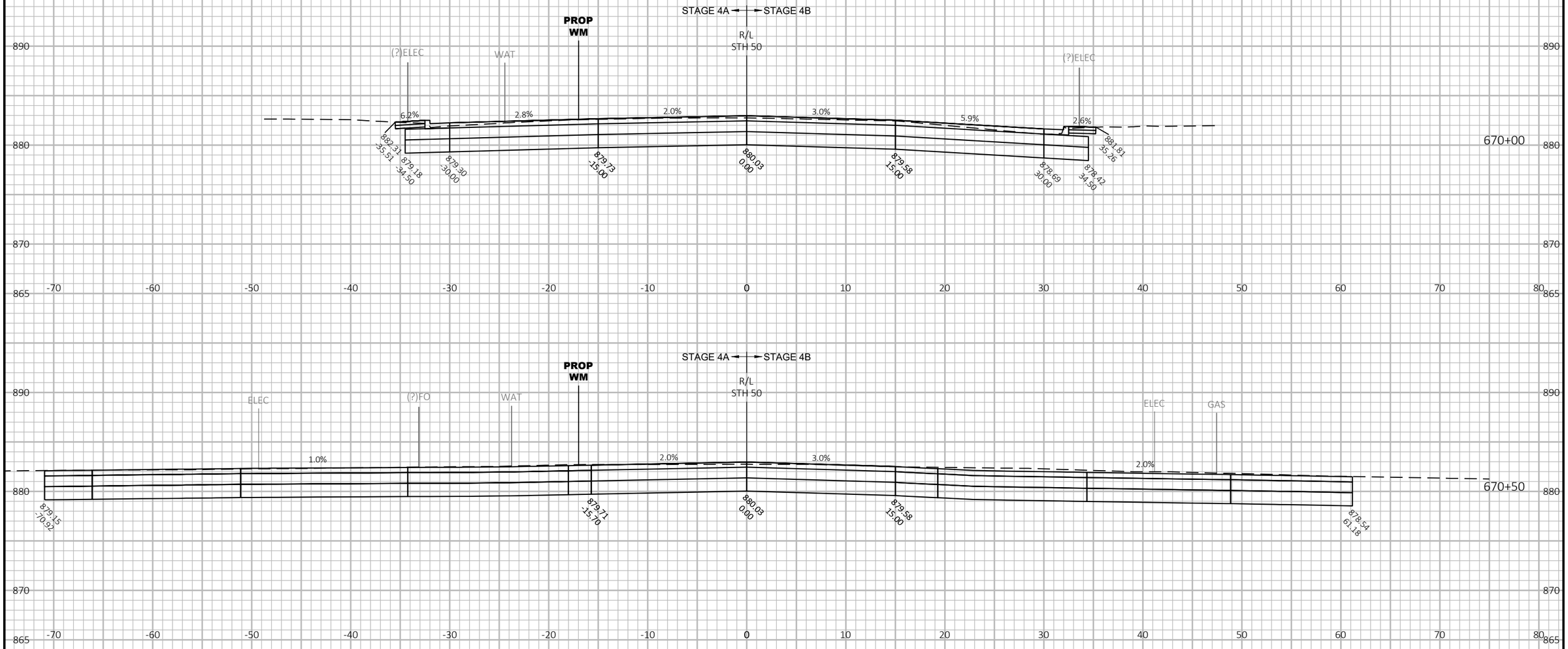


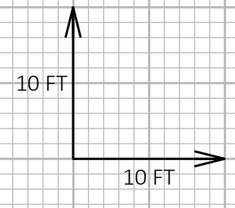
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 935	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-11-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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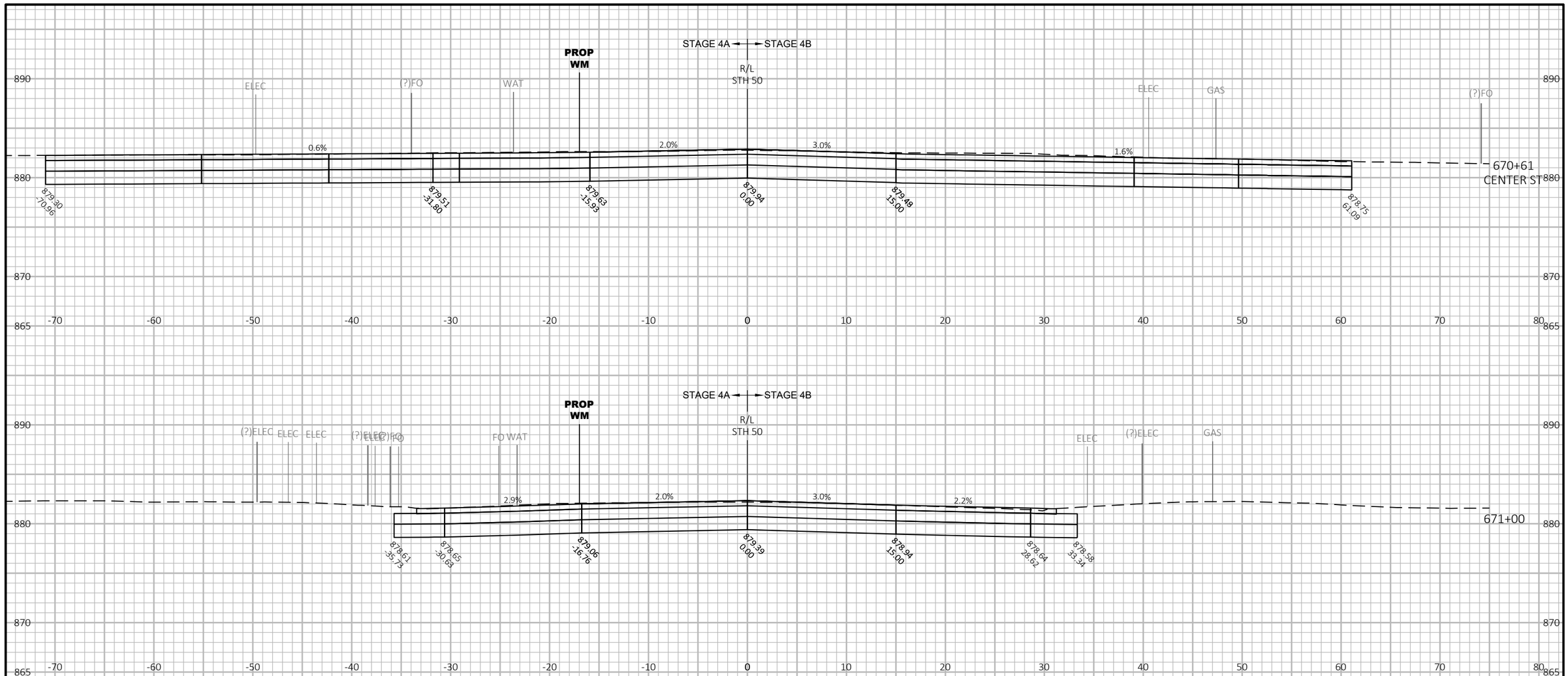
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 936	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-12-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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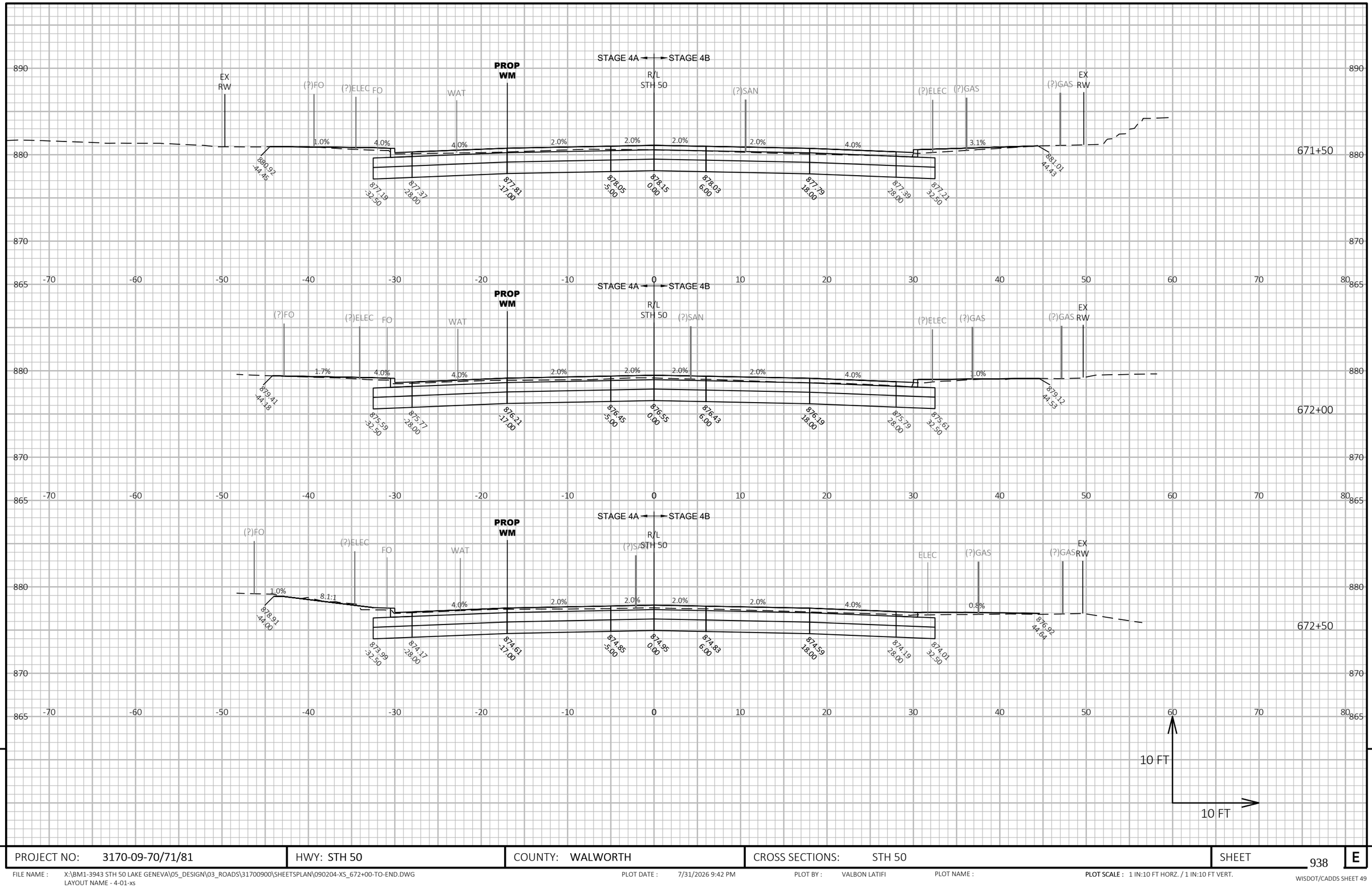
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090203-XS_COOK-TO-672+00.DWG
LAYOUT NAME - 3-13-xs

PLOT DATE : 7/31/2026 9:47 PM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

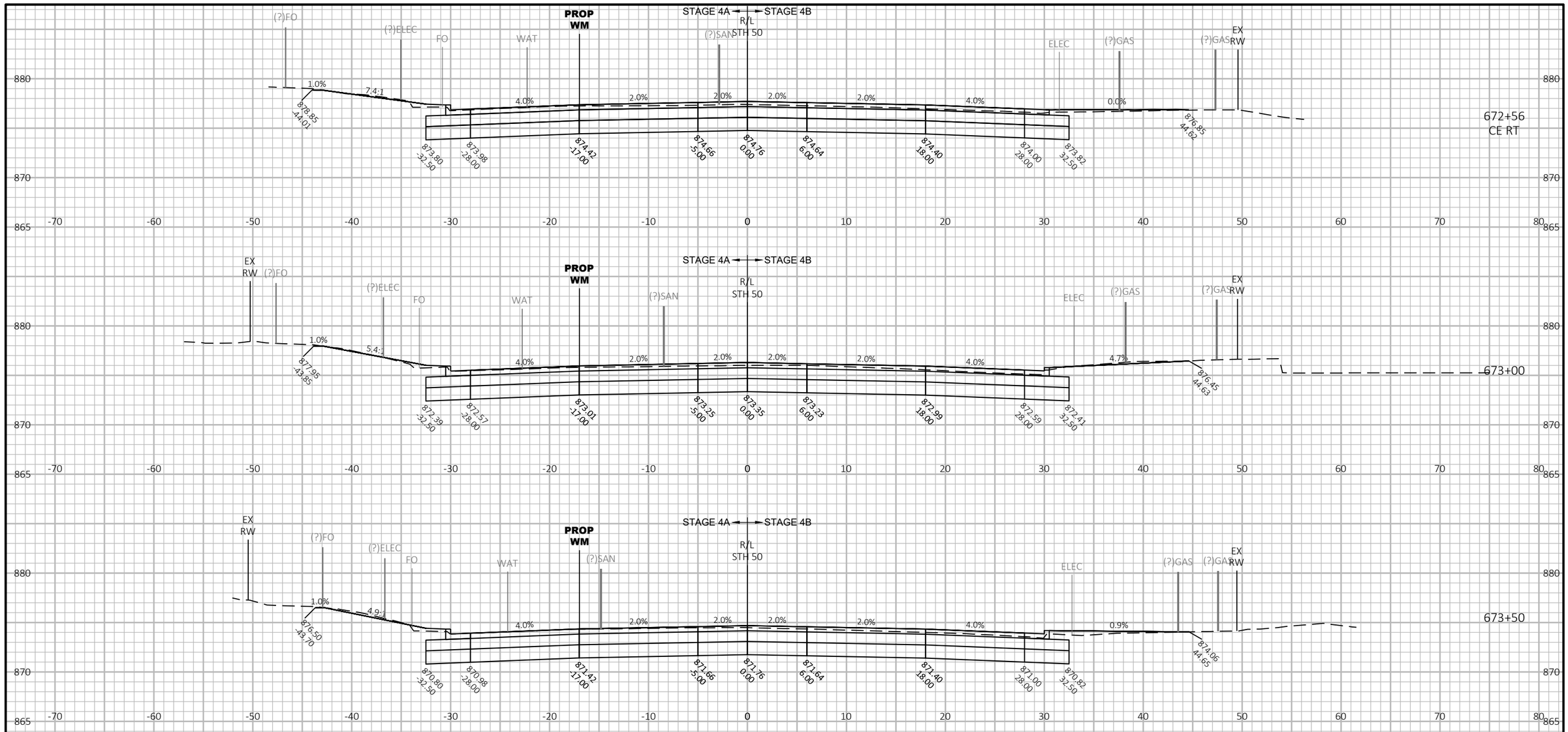


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 938	E

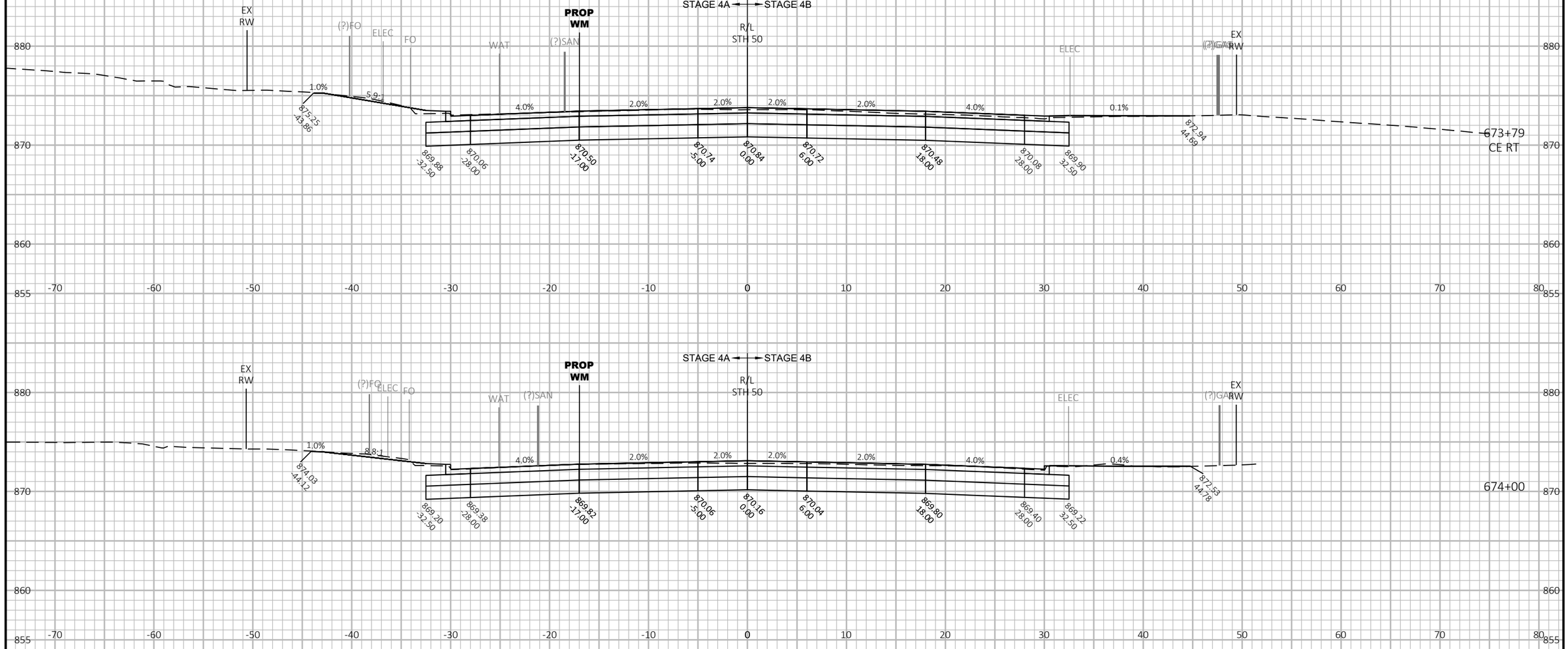
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-01-xs

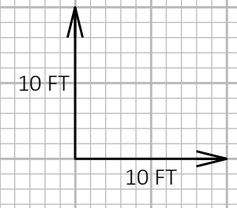
PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 939	E





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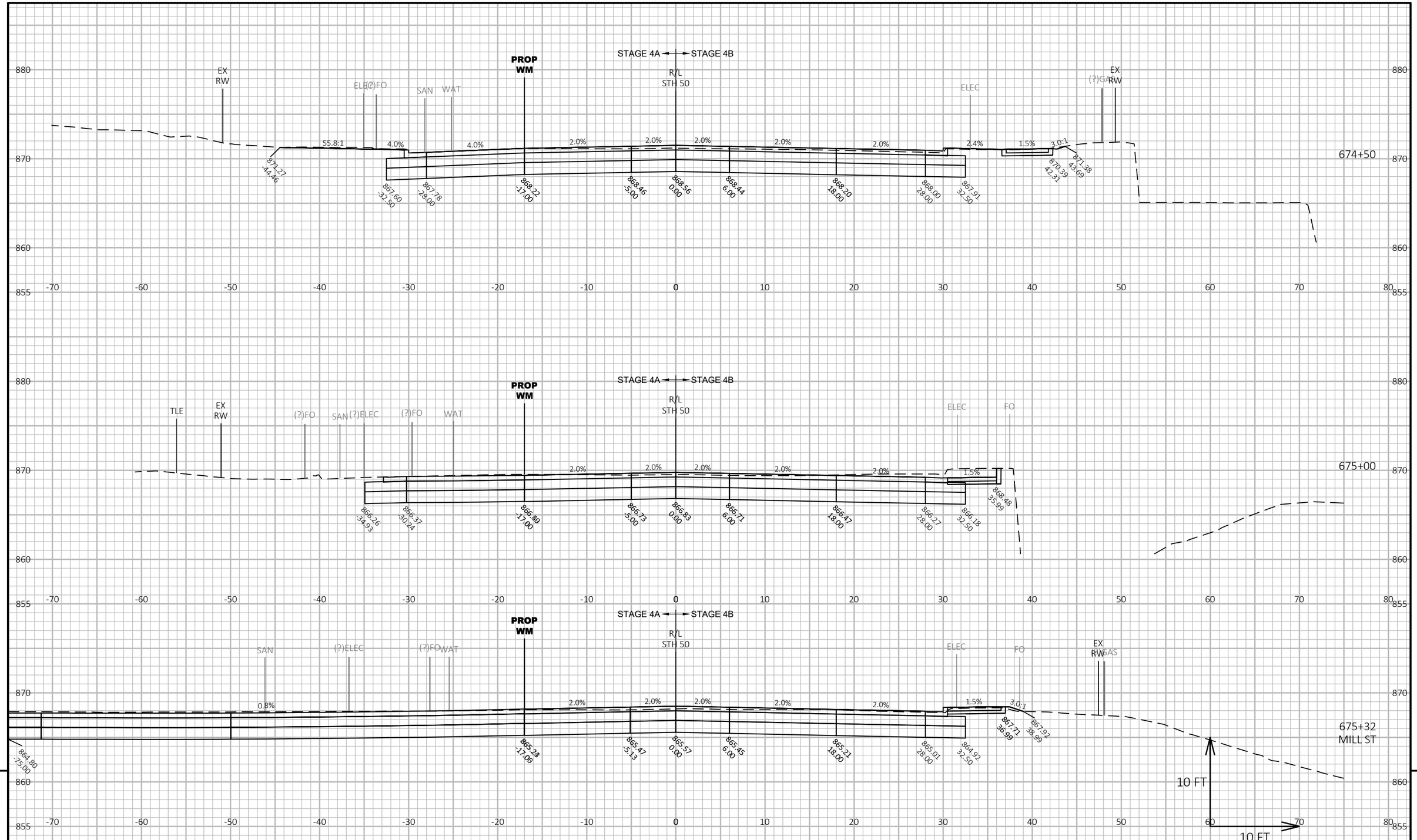
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 940	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-03-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

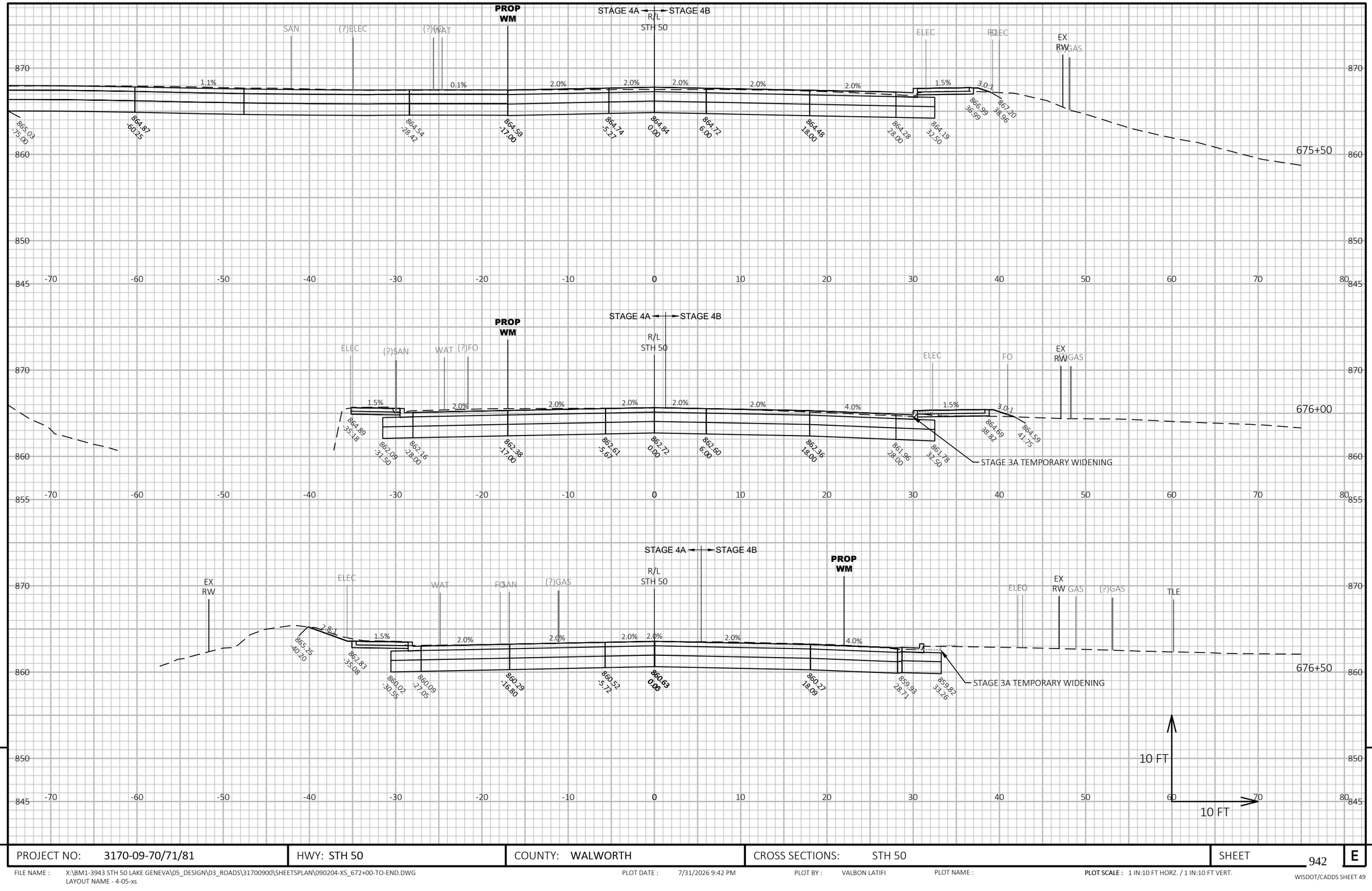
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 941	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-04-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 942	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-05-xs

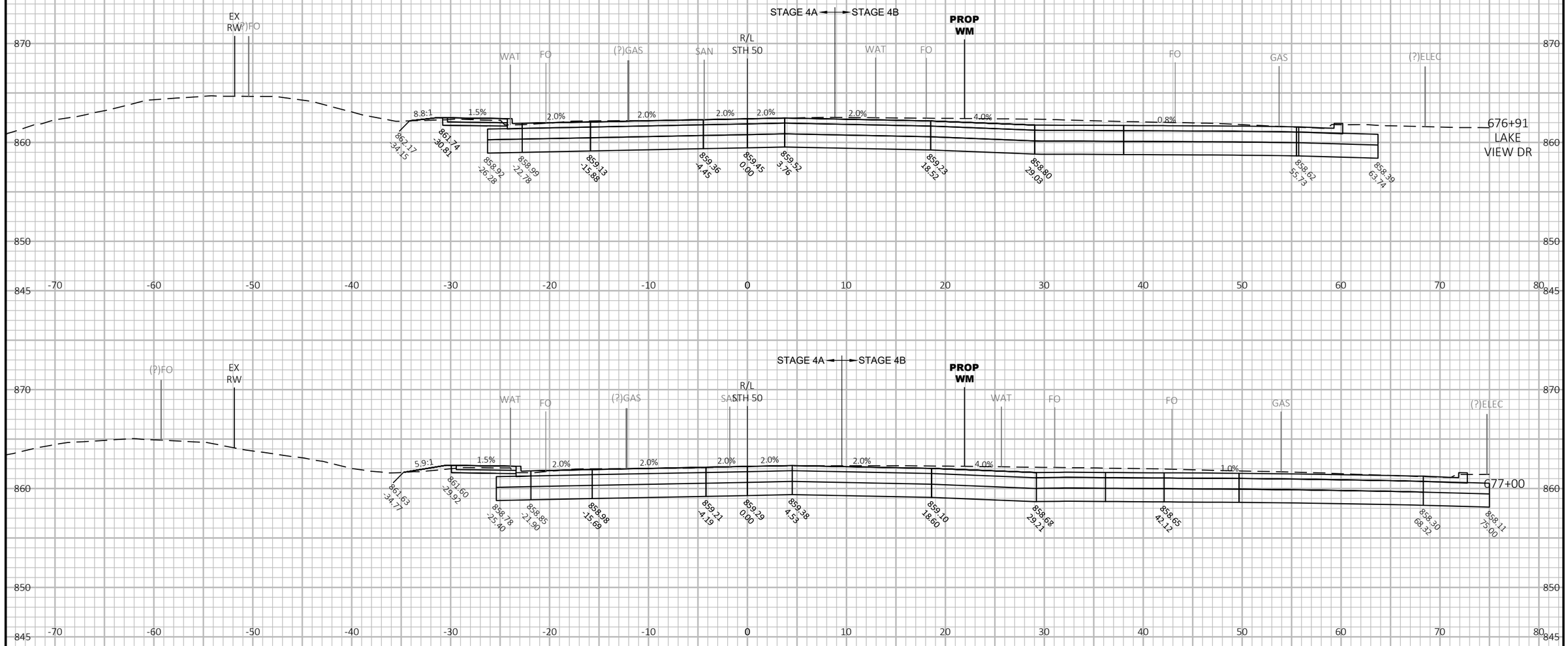
PLOT DATE : 7/31/2026 9:42 PM

PLOT BY : VALBON LATIFI

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



10 FT

10 FT

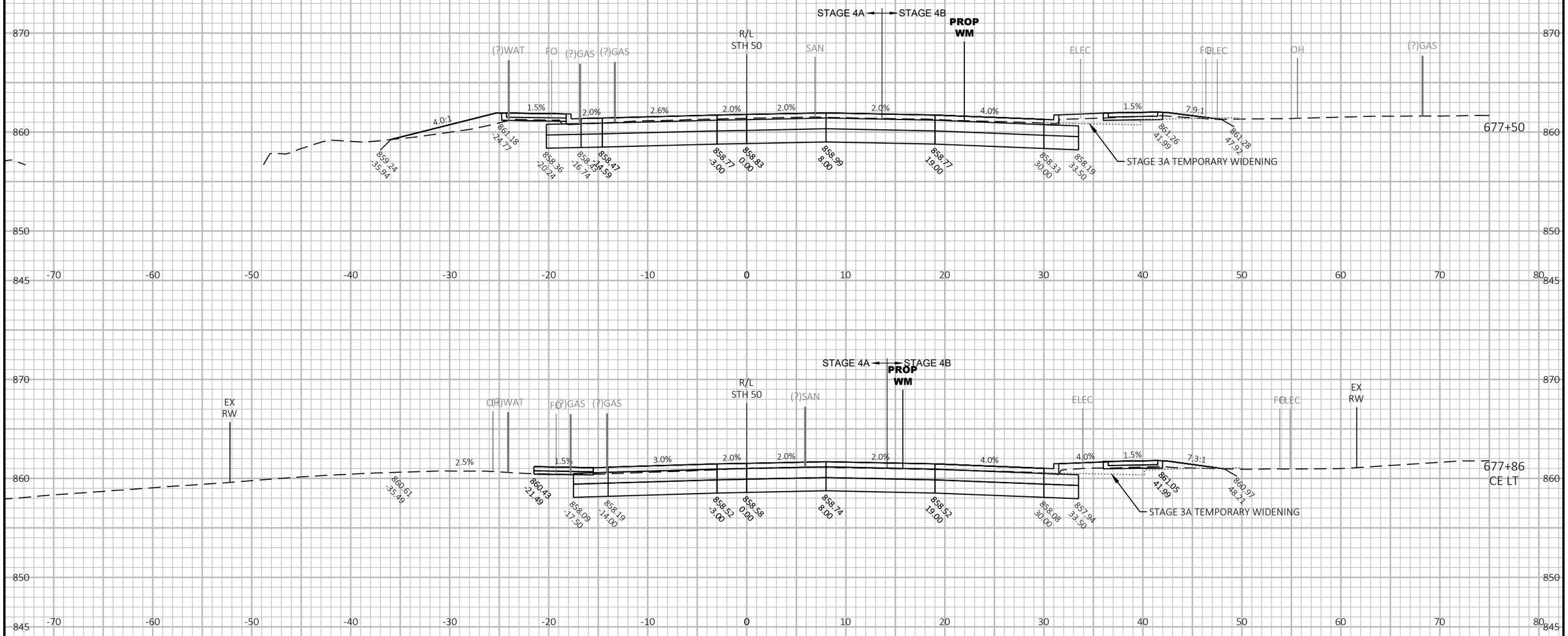
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 943	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-06-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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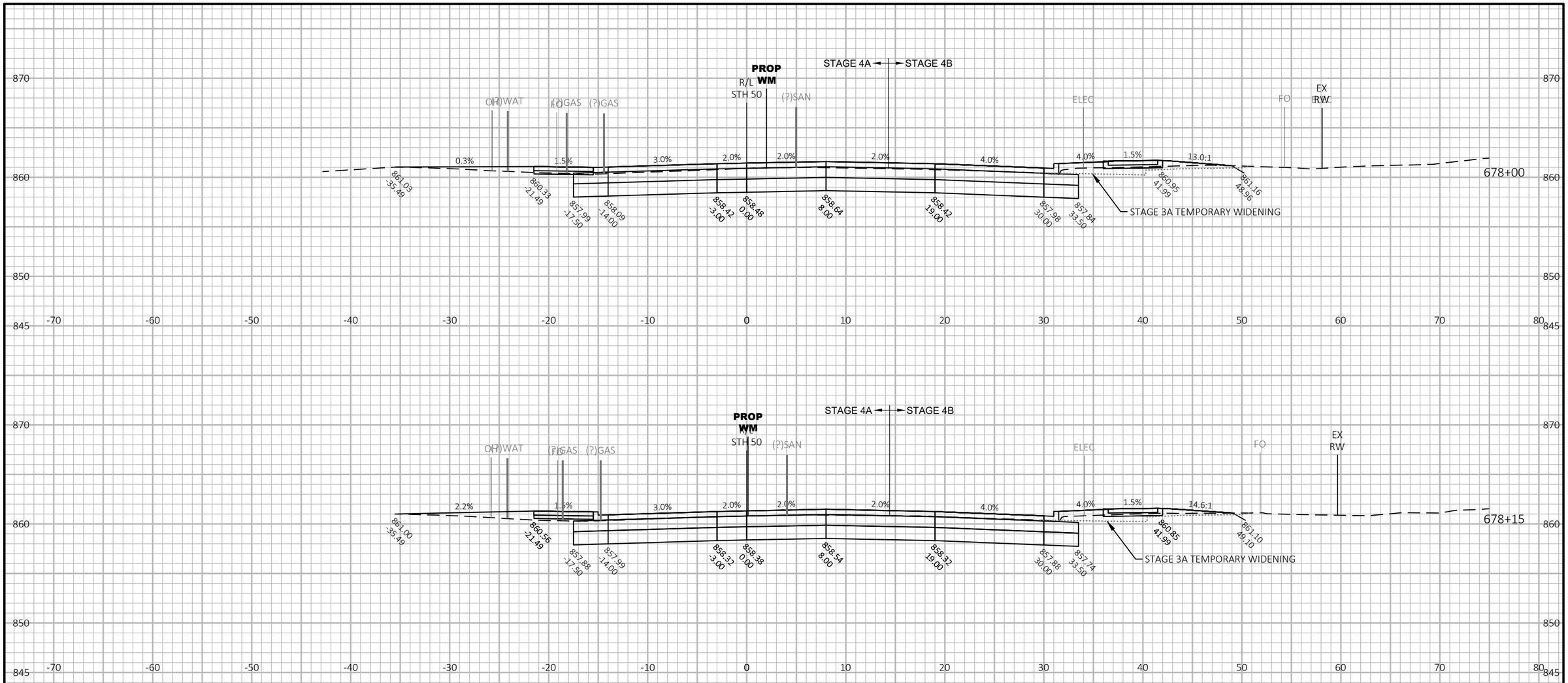
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 944	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-07-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



10 FT

10 FT

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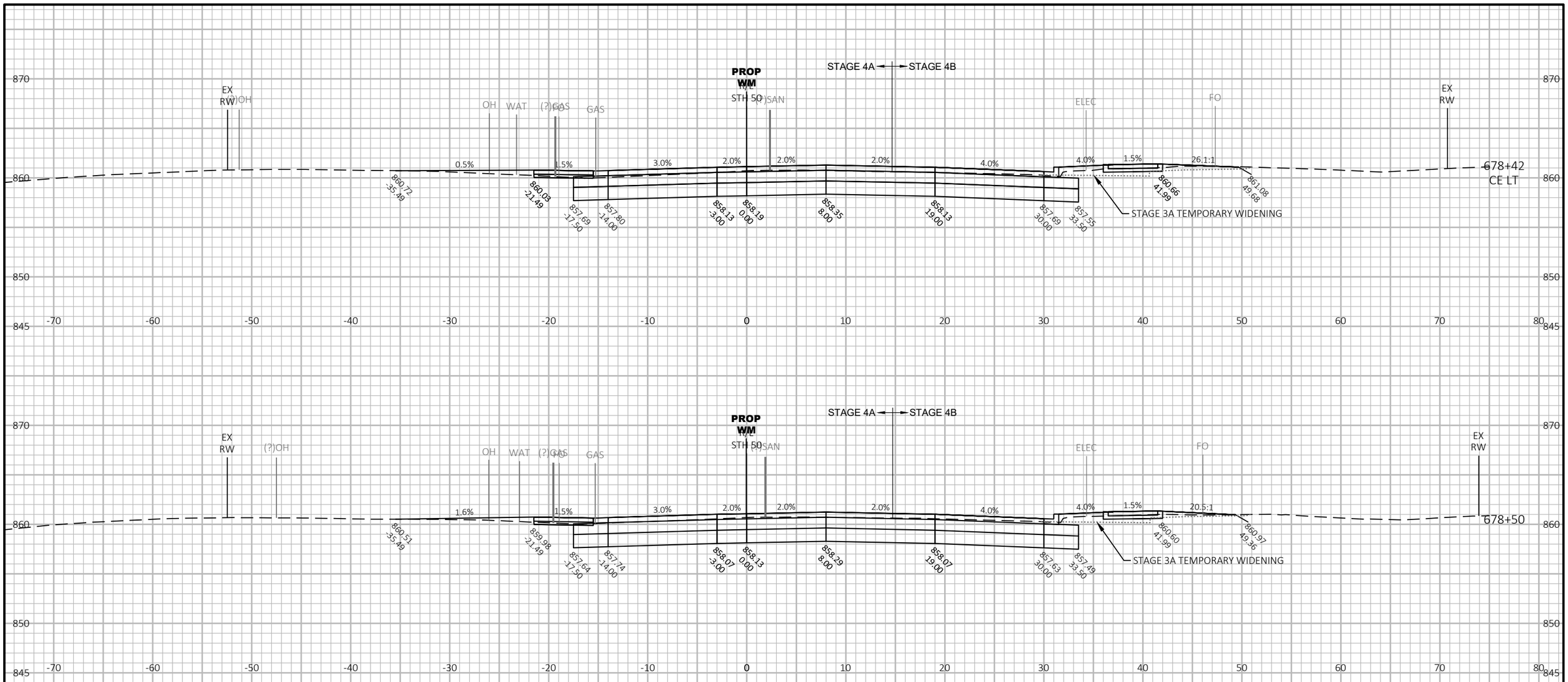
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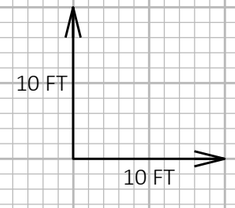
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 945	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-08-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

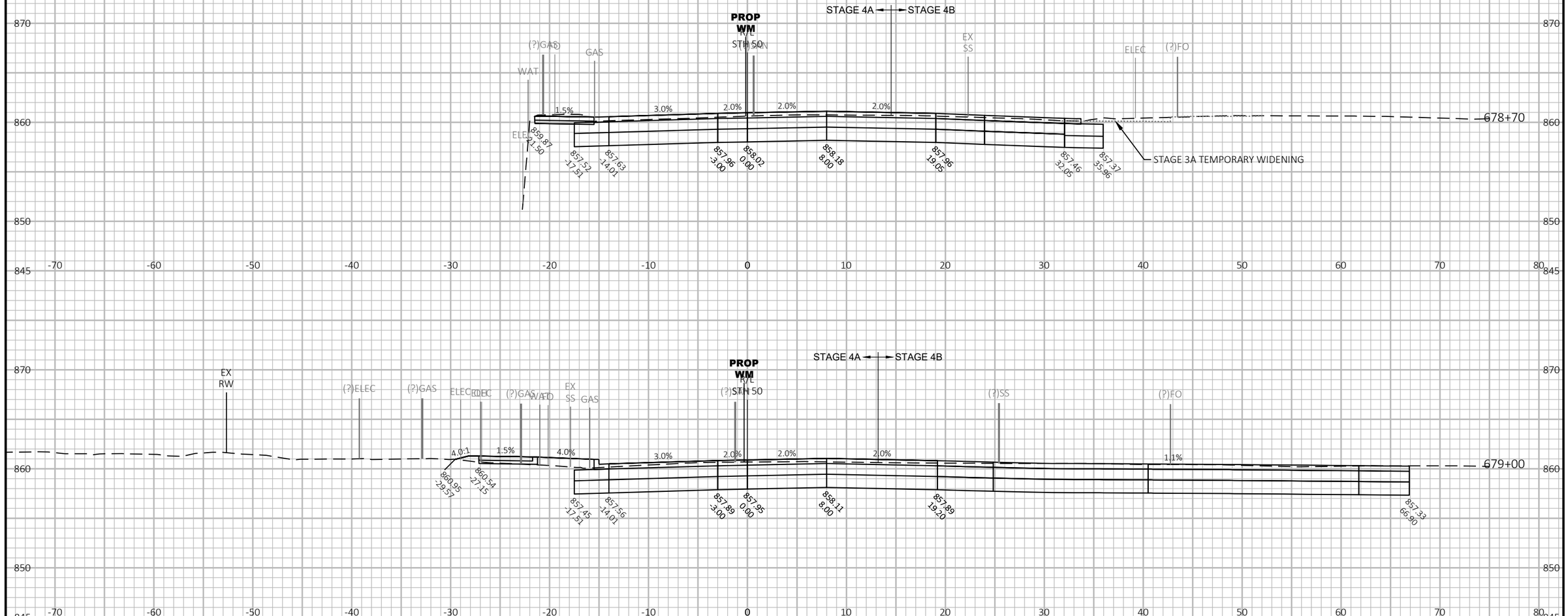
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 946	E

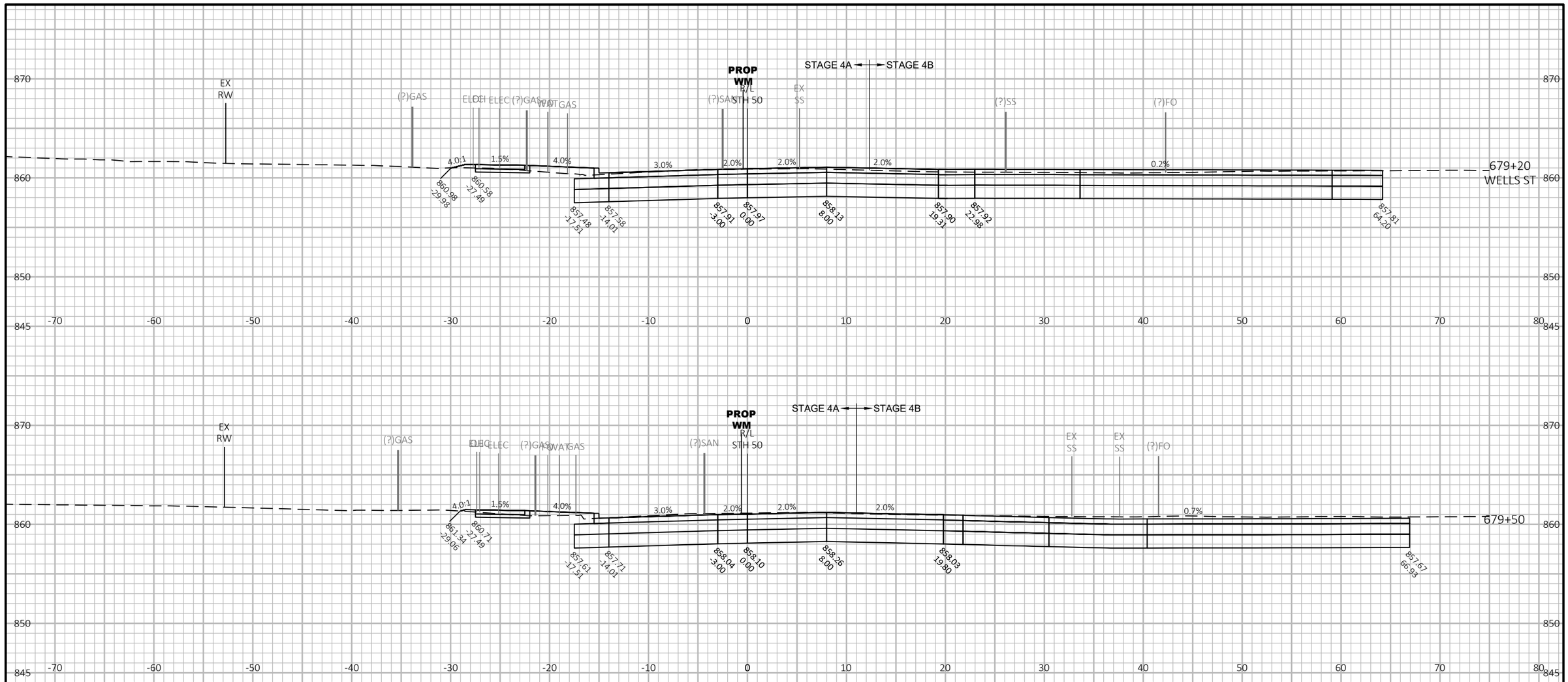
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-09-xs

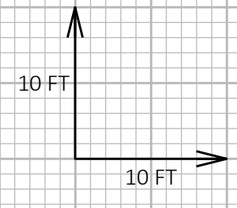
PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 947	E





9

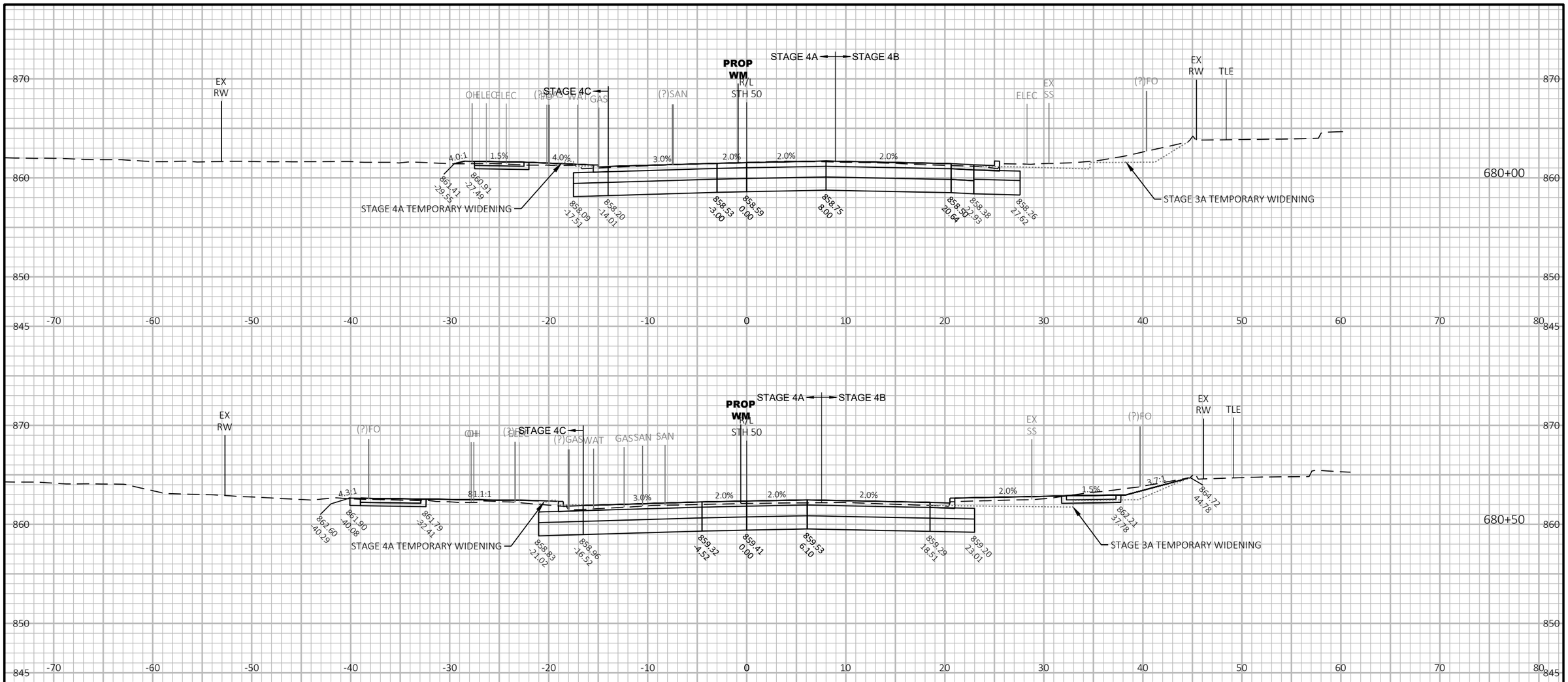
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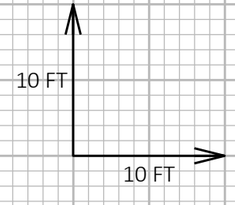
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 948	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-11-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

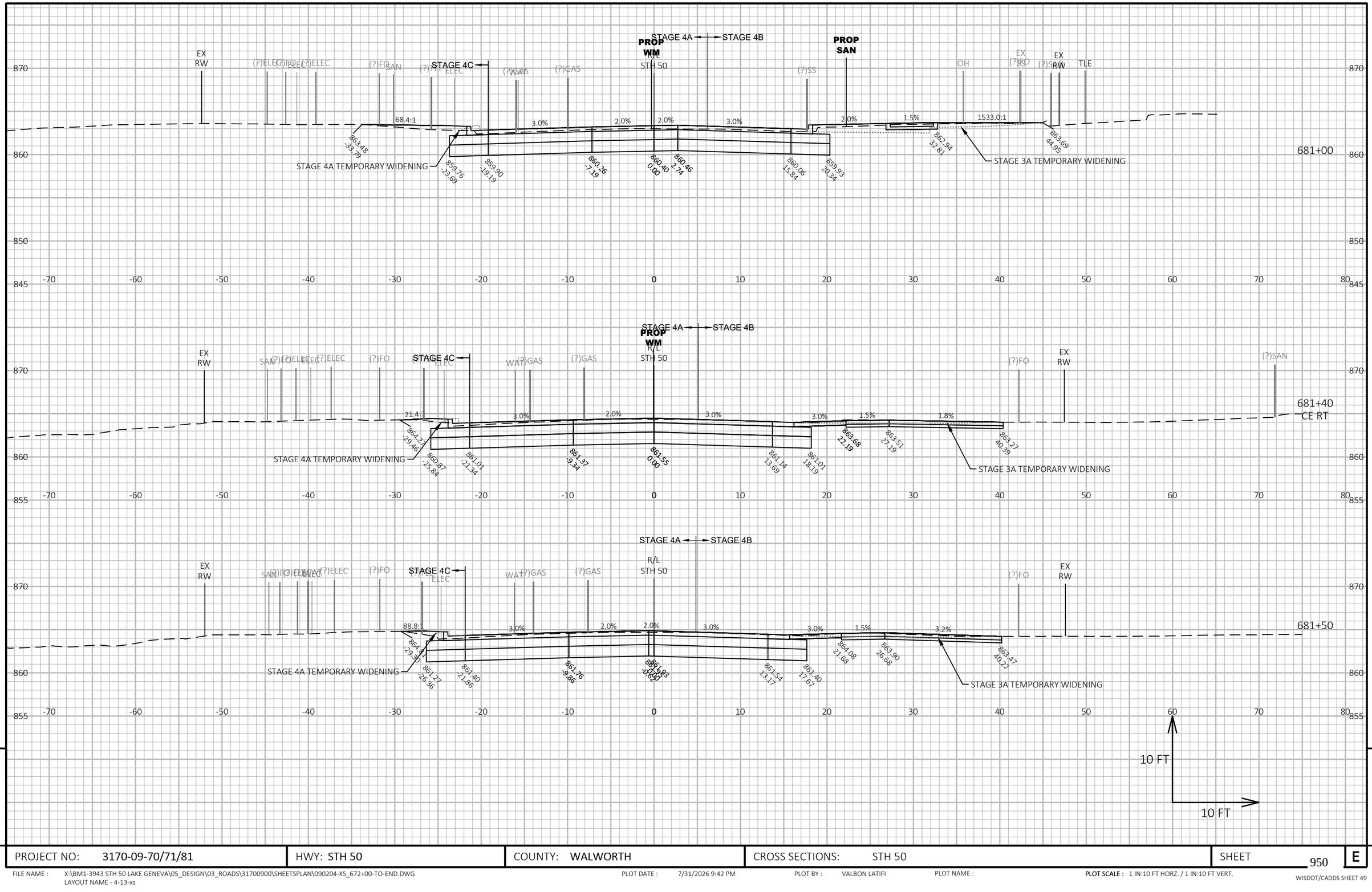
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 949	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-12-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

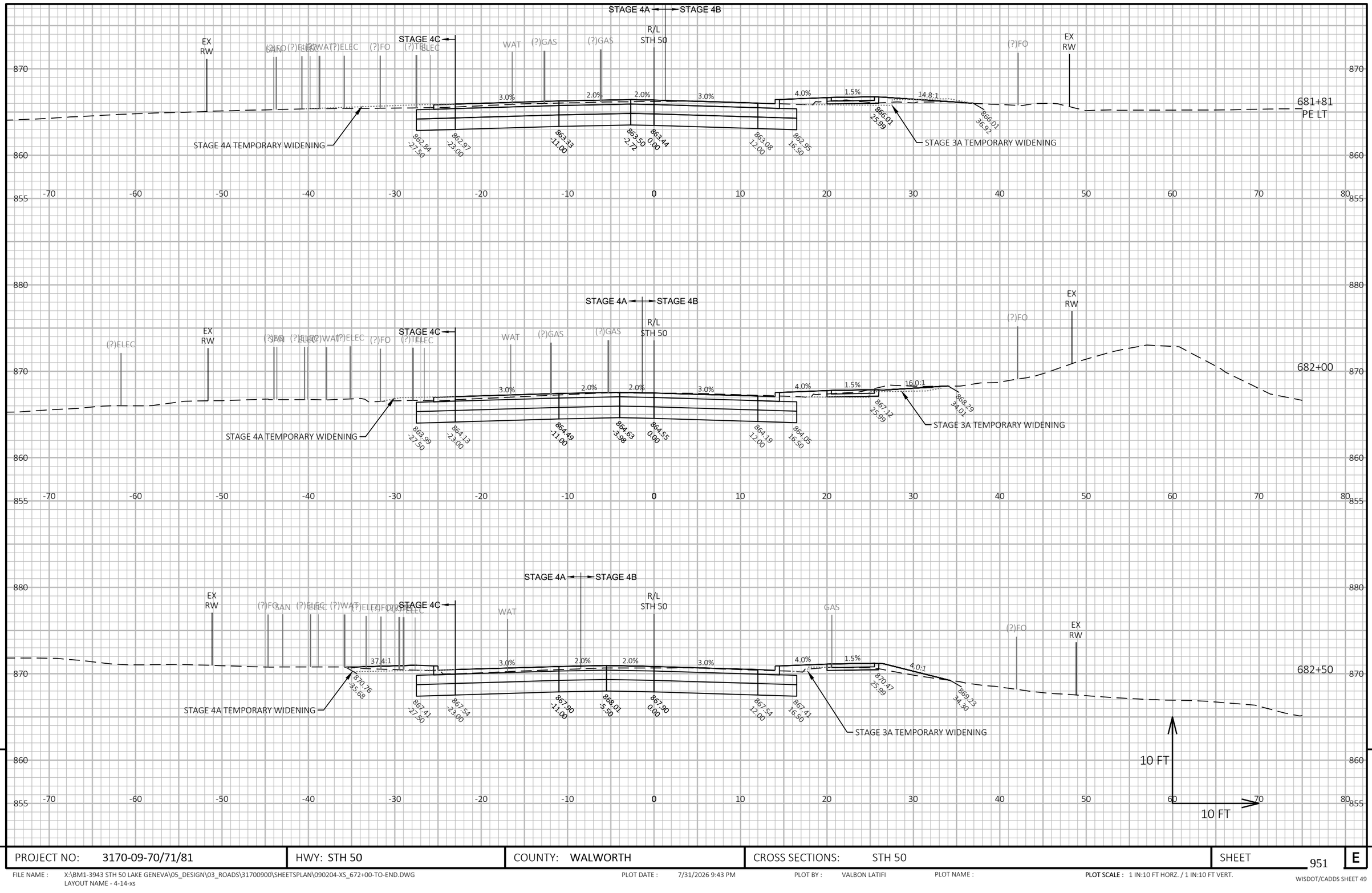


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 950	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-13-xs

PLOT DATE : 7/31/2026 9:42 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

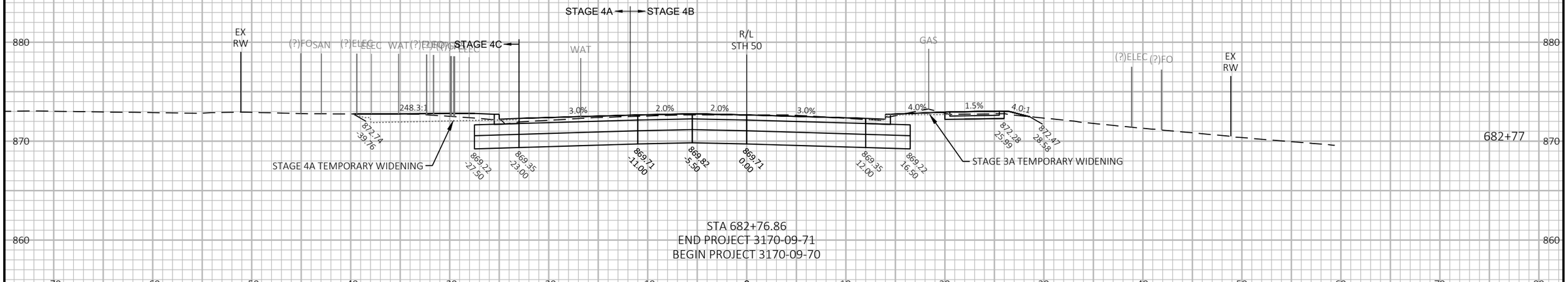


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 951	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-14-xs

PLOT DATE : 7/31/2026 9:43 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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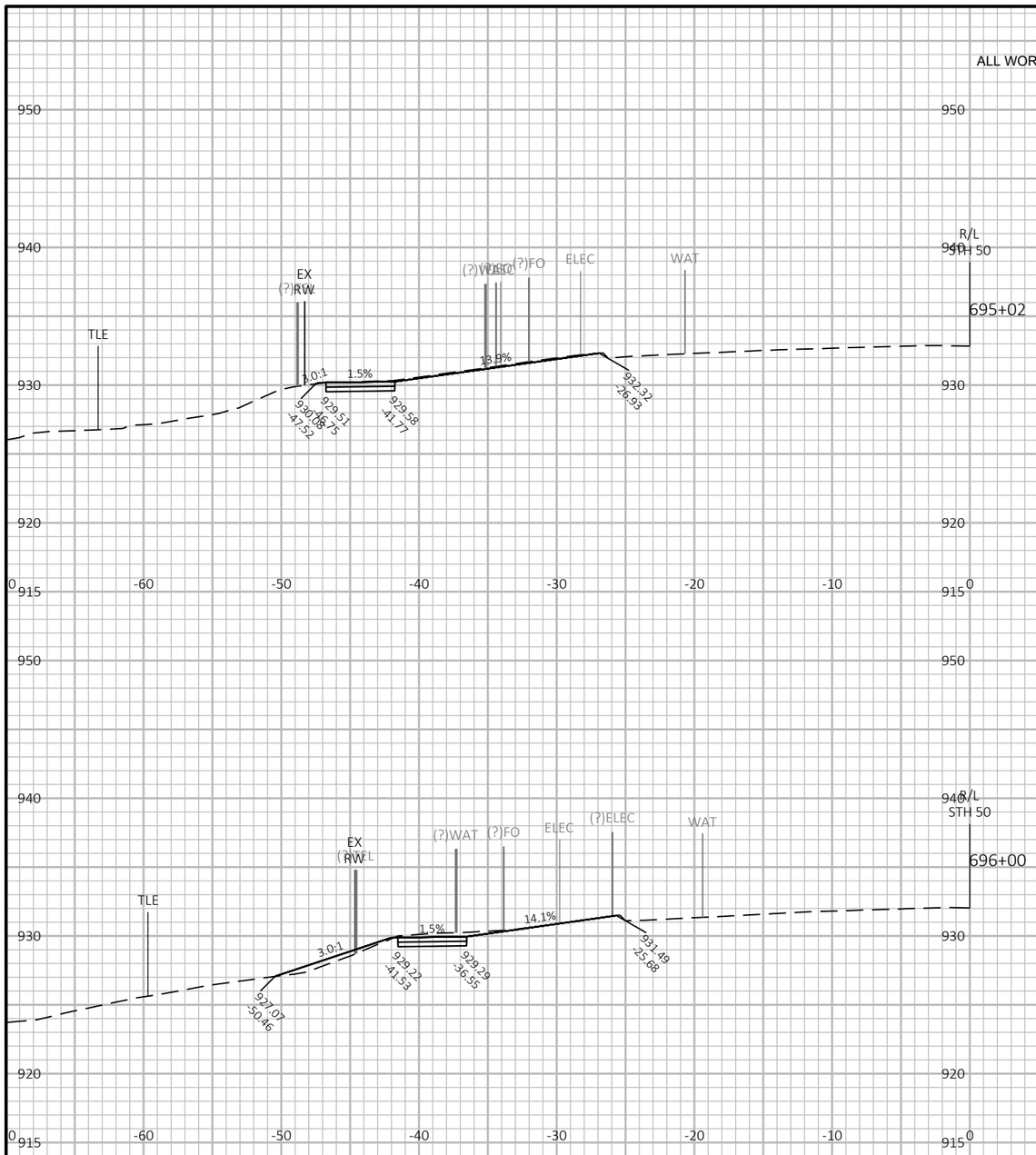
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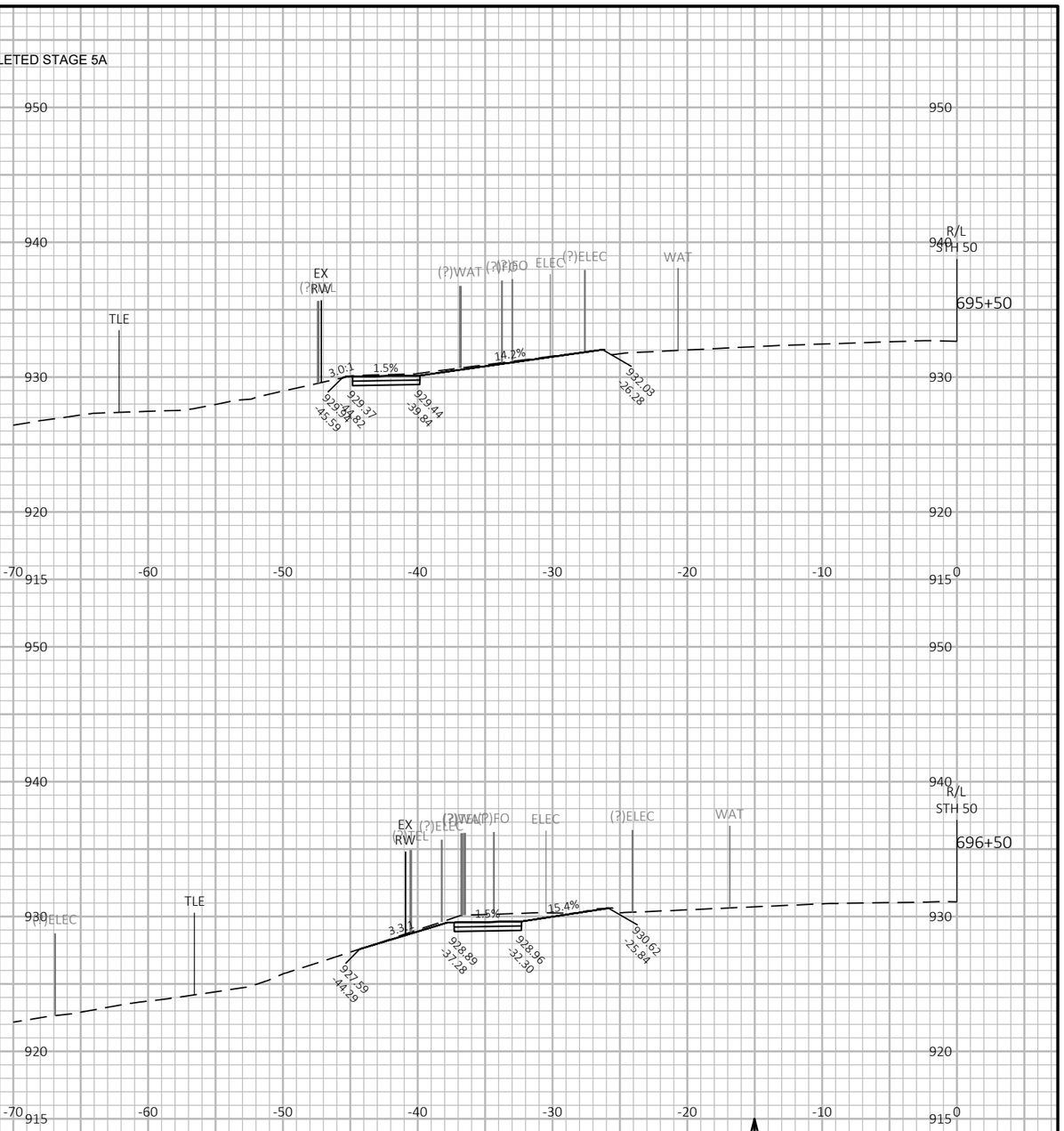
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 952	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090204-XS_672+00-TO-END.DWG
LAYOUT NAME - 4-15-xs

PLOT DATE : 7/31/2026 9:43 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

ALL WORK COMPLETED STAGE 5A





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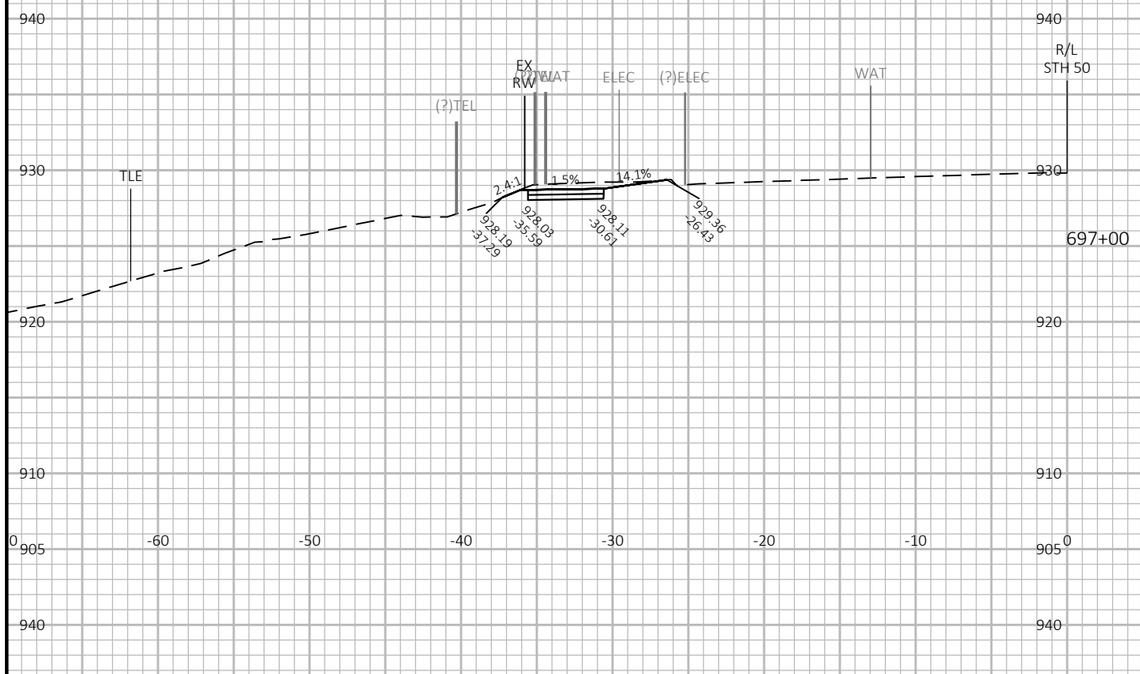
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 953	E

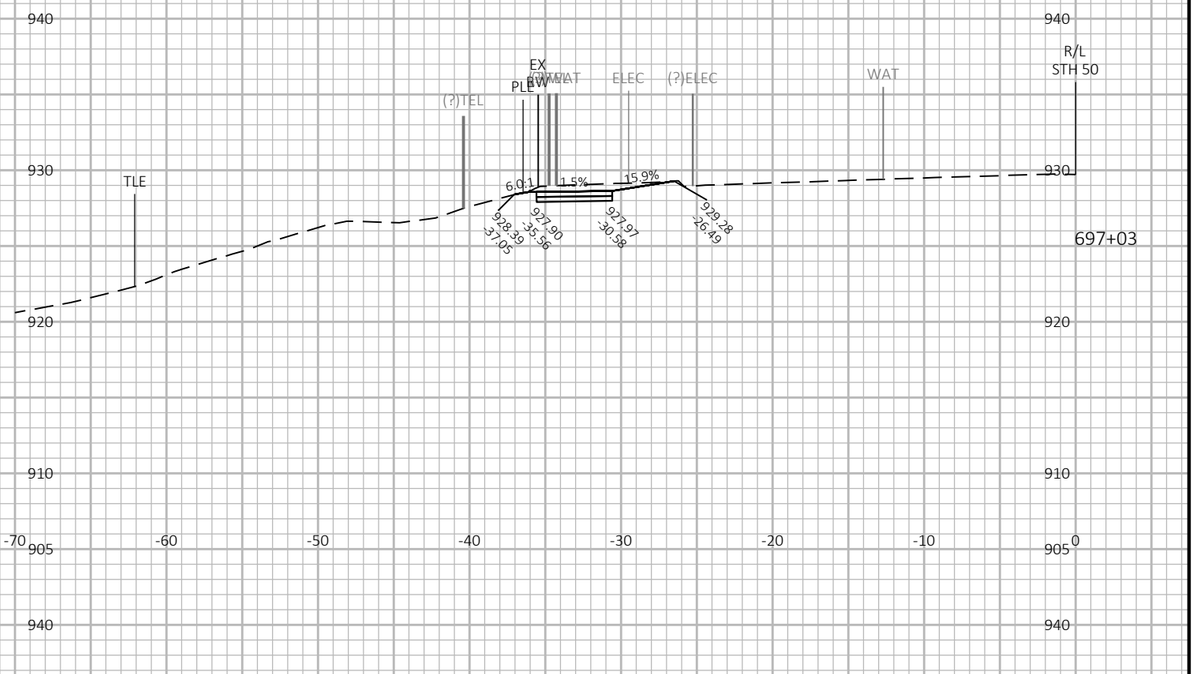
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-01-xs

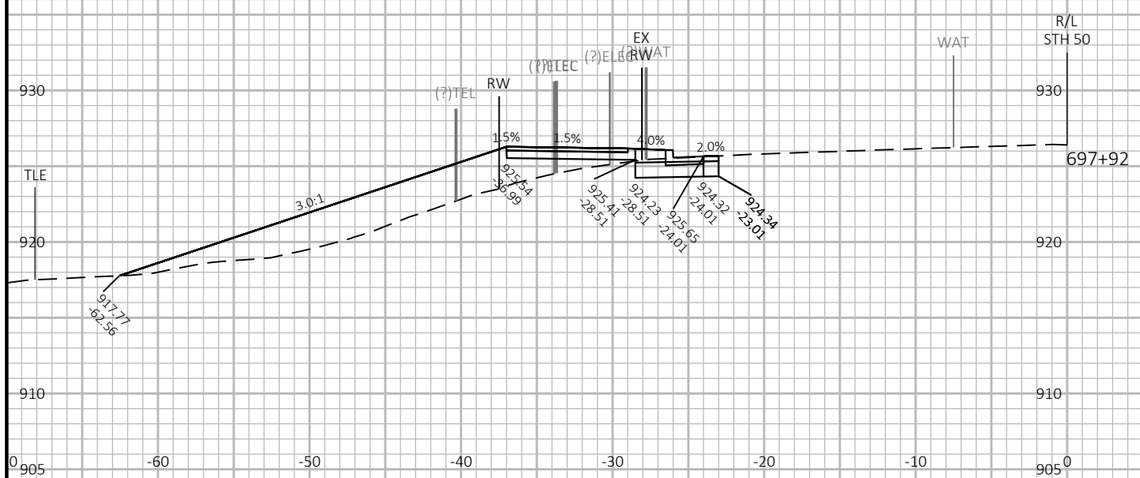
PLOT DATE : 9/28/2026 11:50 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

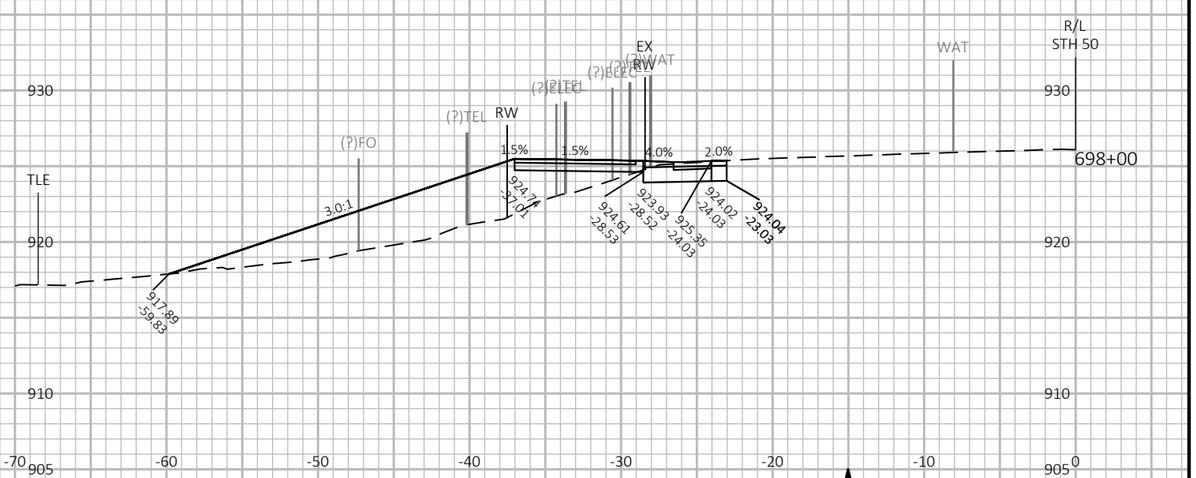
WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A









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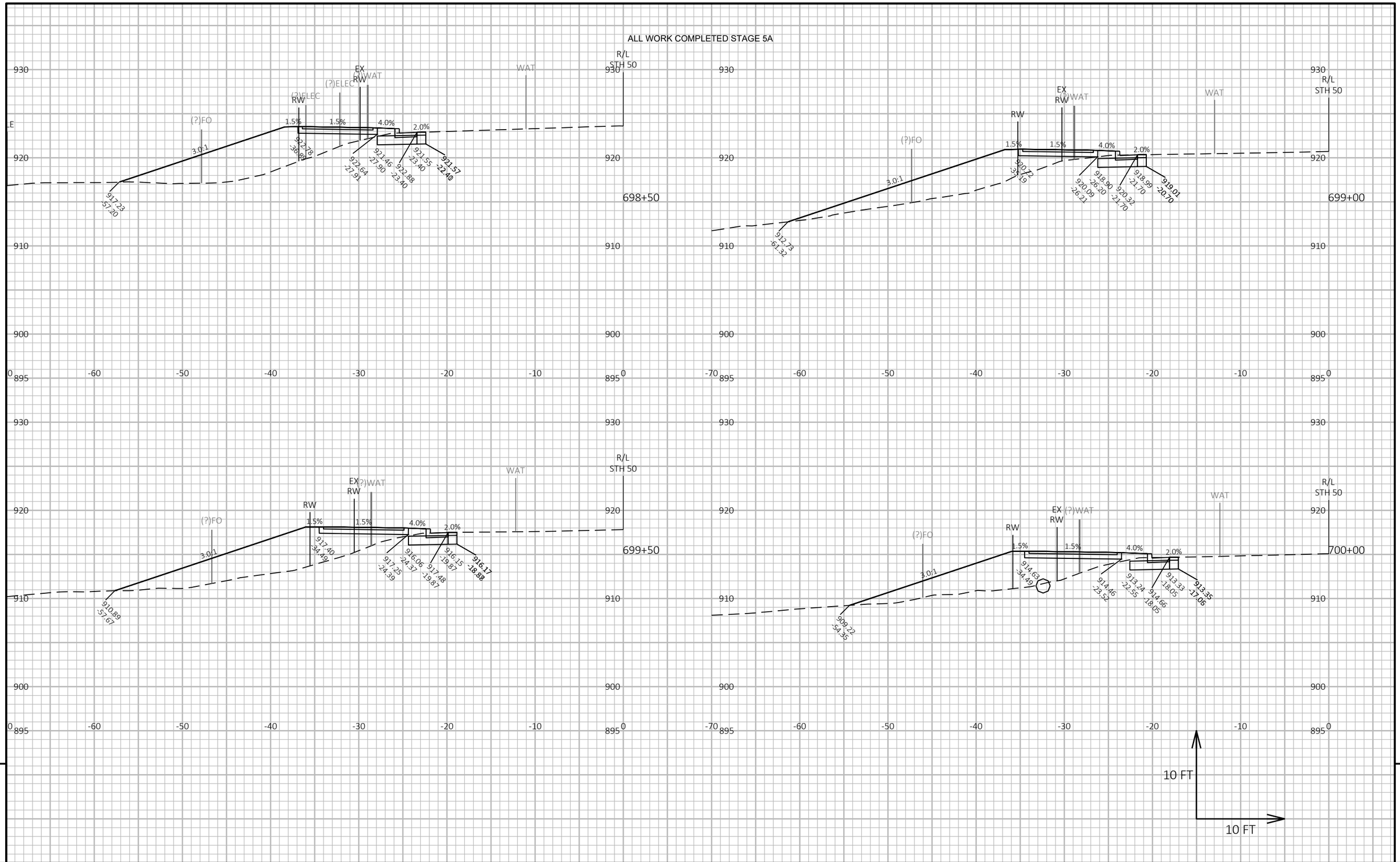
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 954	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-02-xs

PLOT DATE : 9/28/2026 11:50 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A



9

9

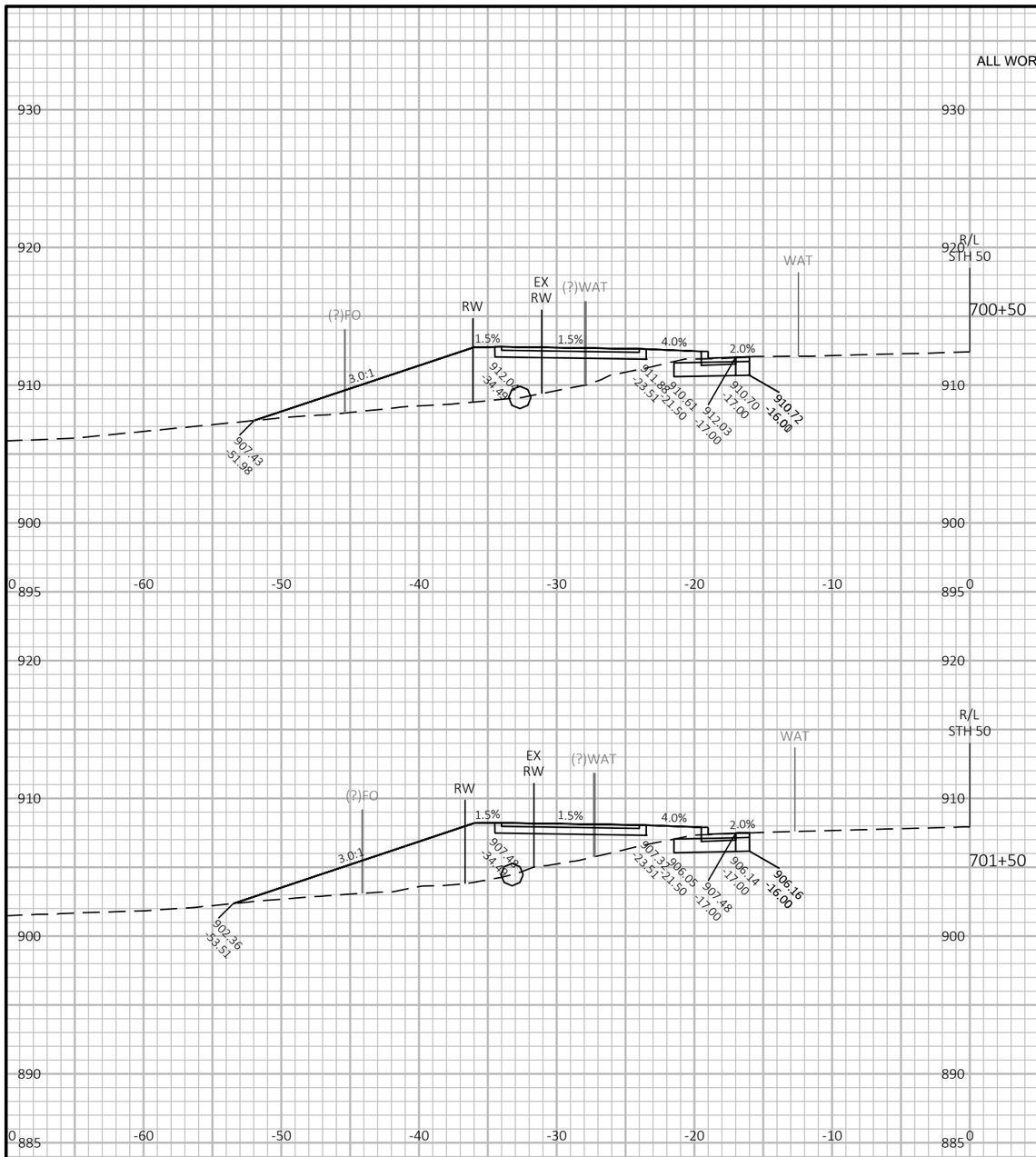
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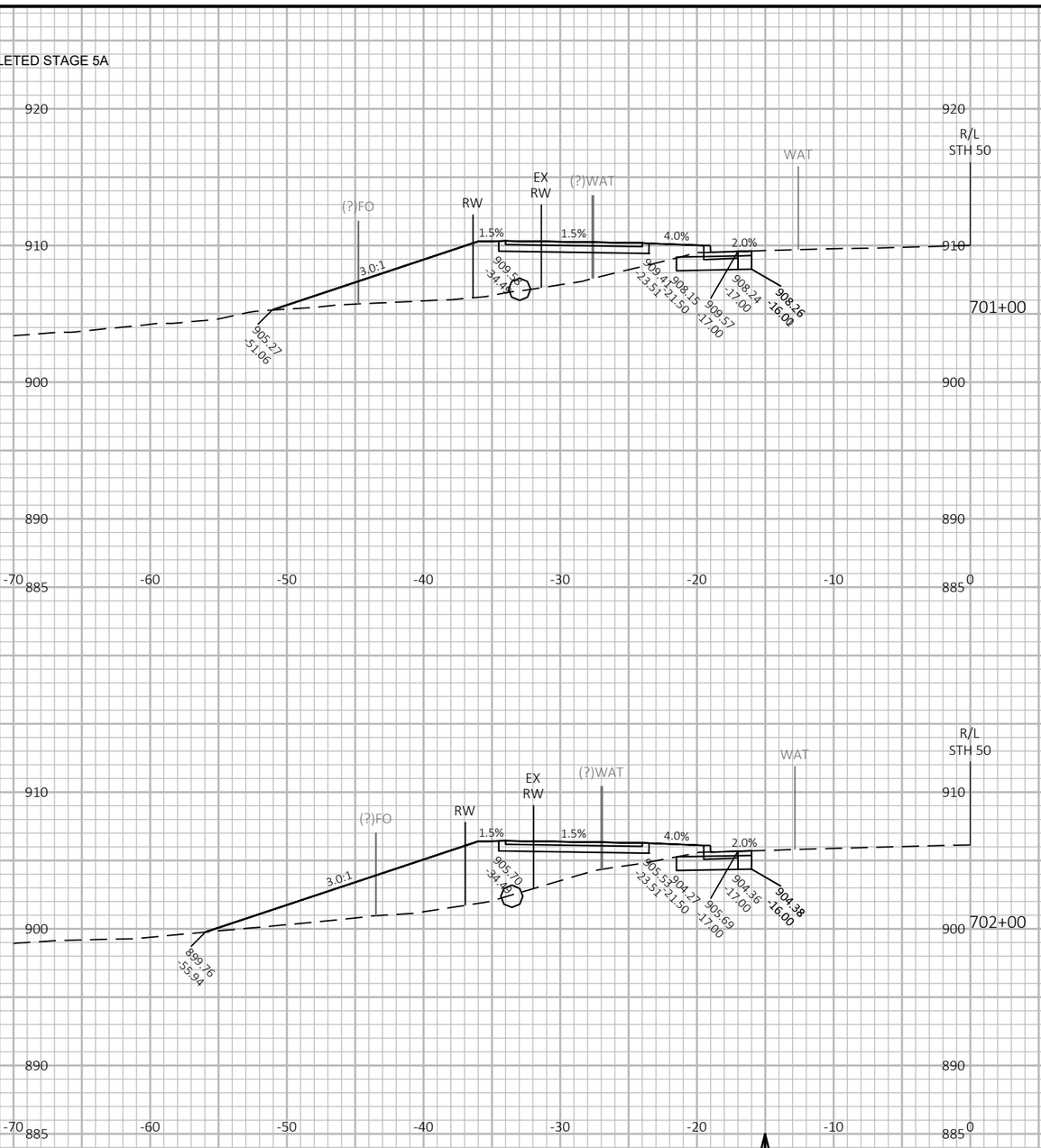
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-03-xs

PLOT DATE : 9/28/2026 11:50 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A





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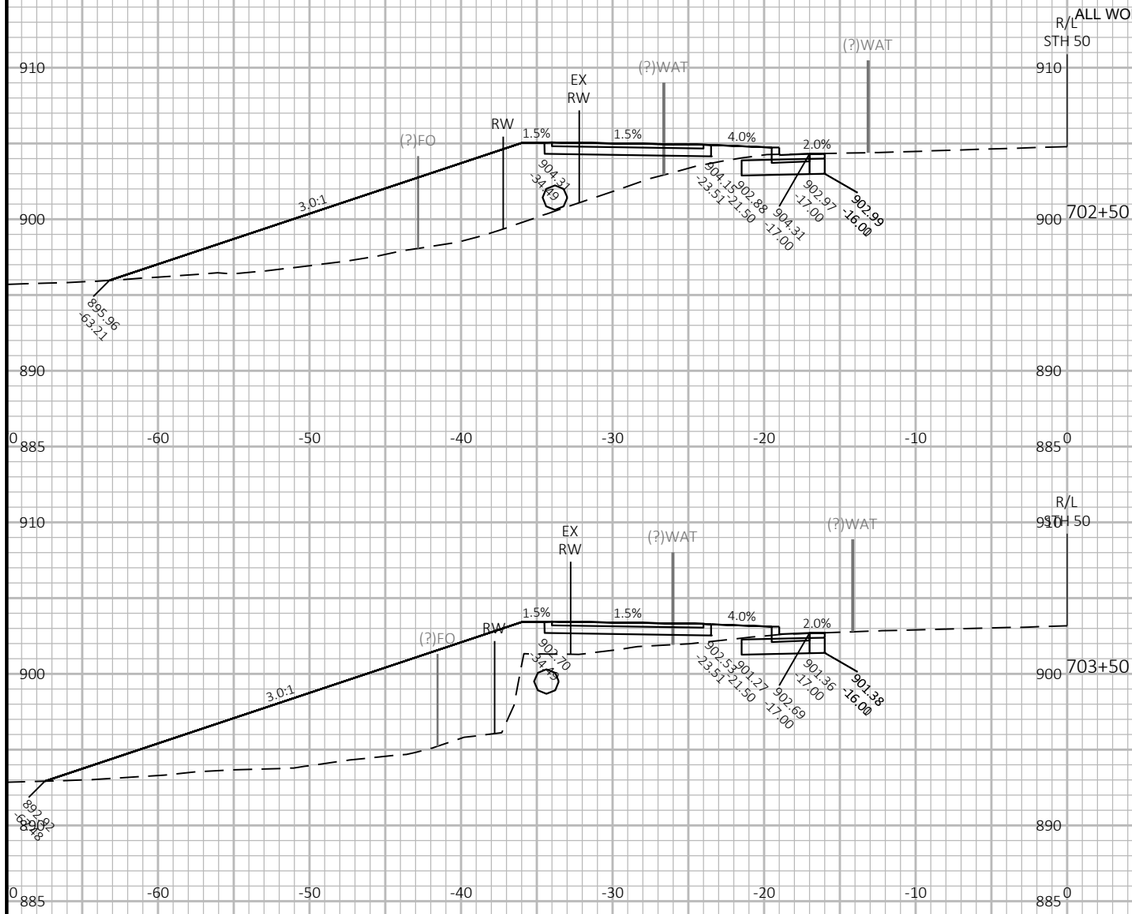
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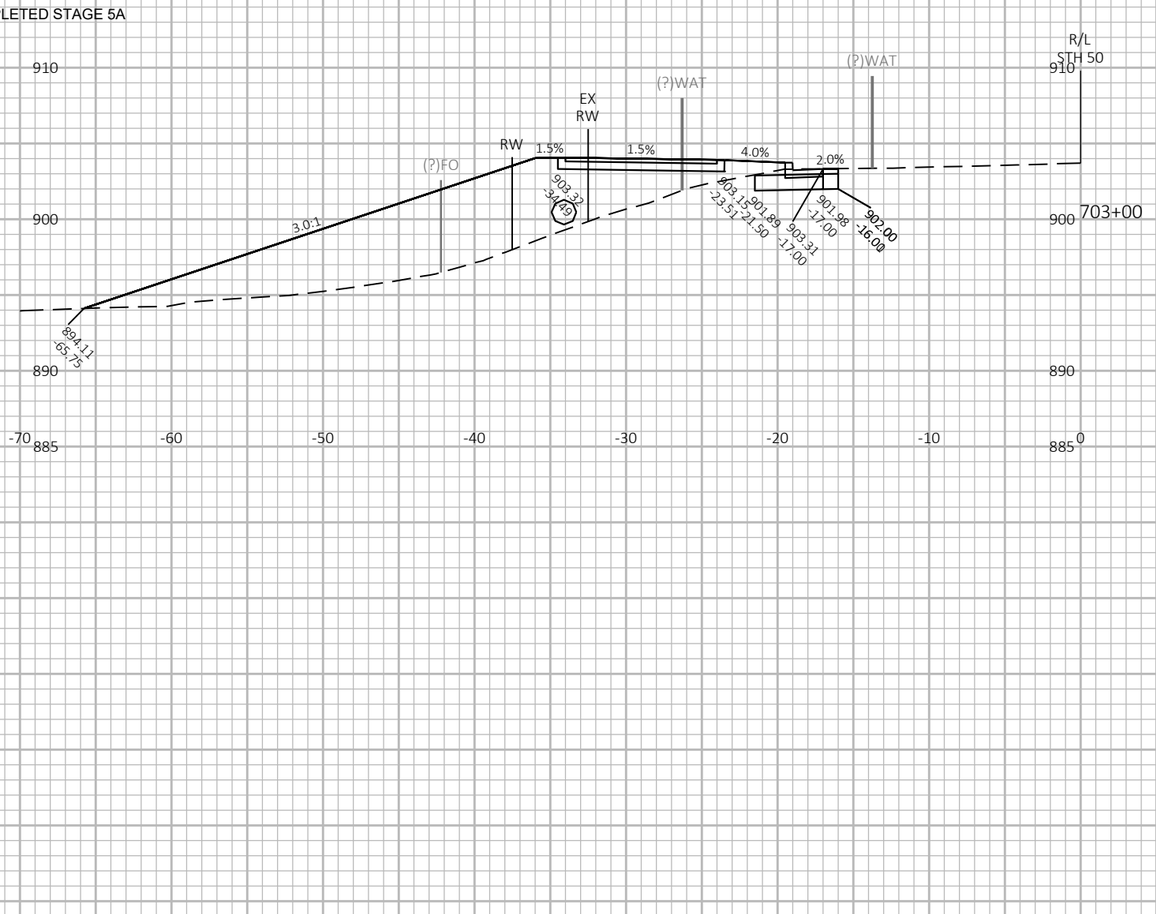
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-04-xs

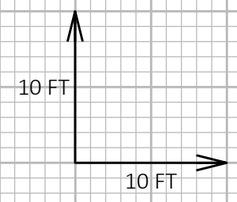
PLOT DATE : 9/28/2026 11:50 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A







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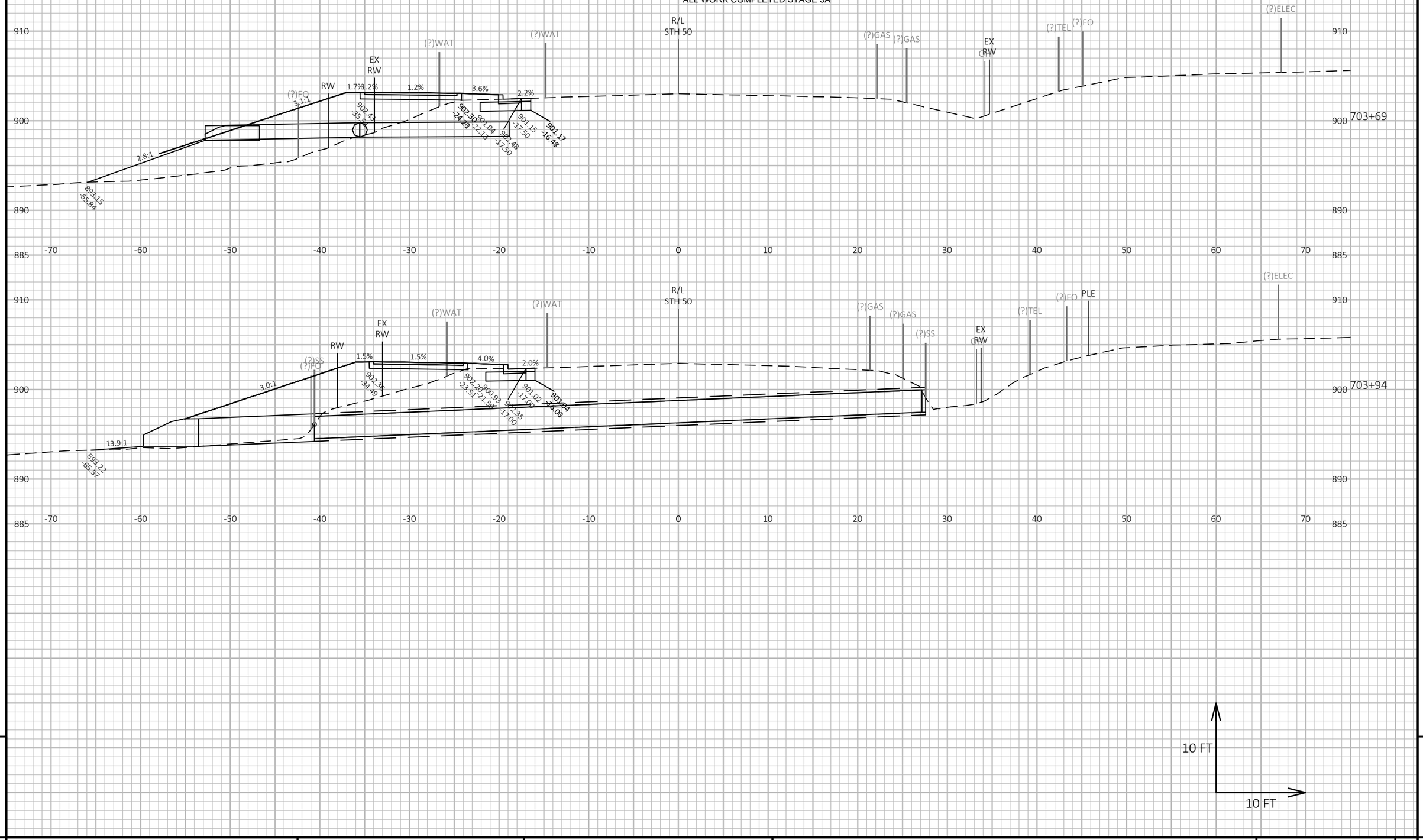
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-05-xs

PLOT DATE : 9/28/2026 11:51 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A



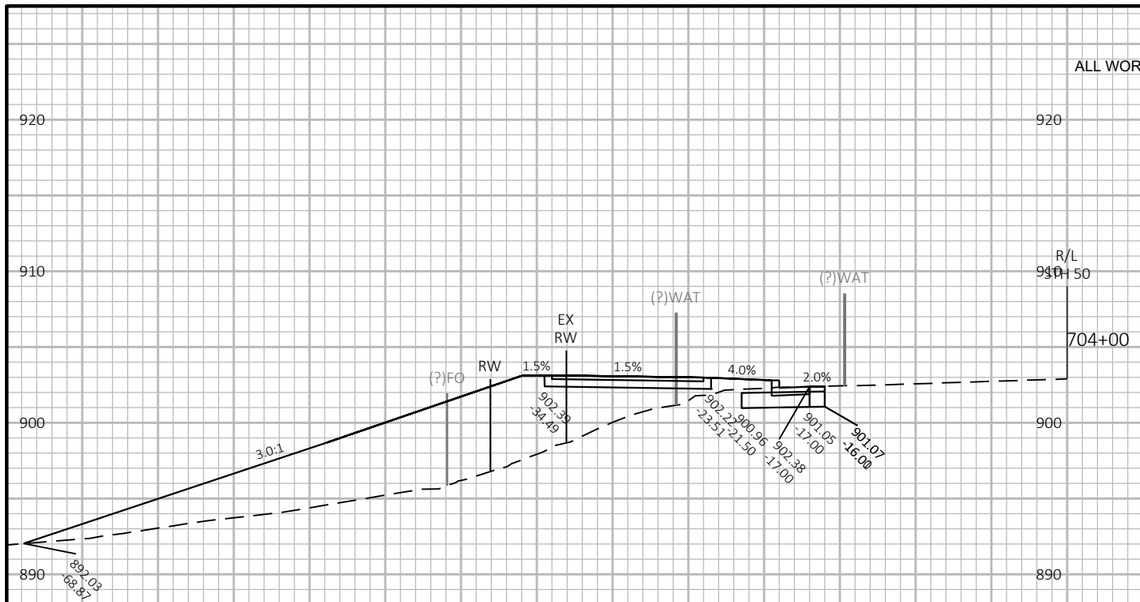
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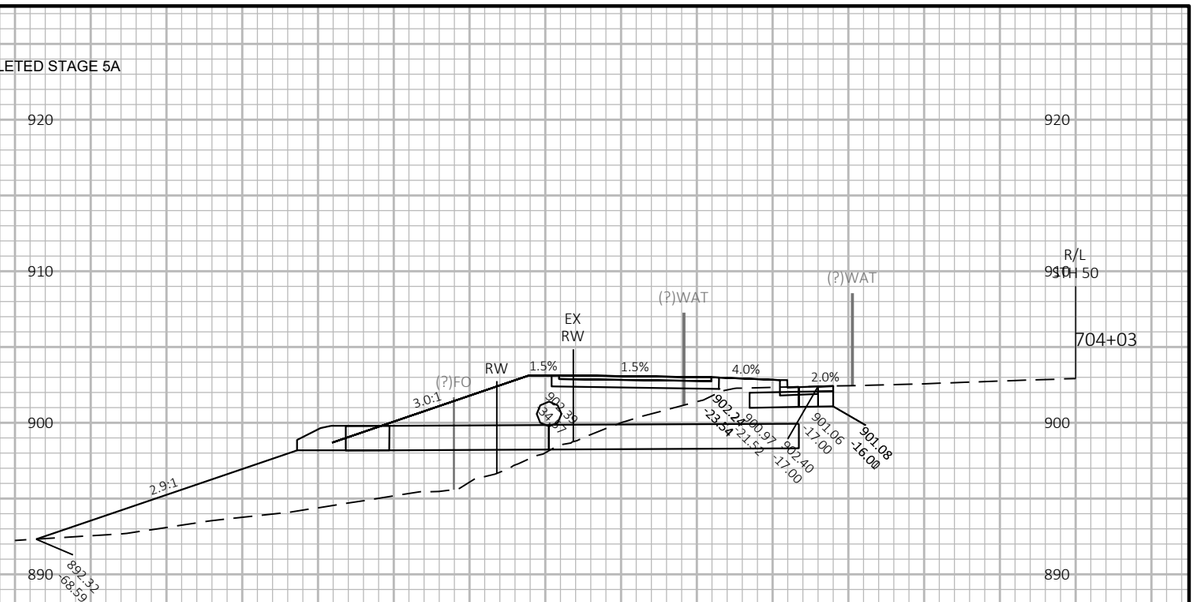
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-06-xs

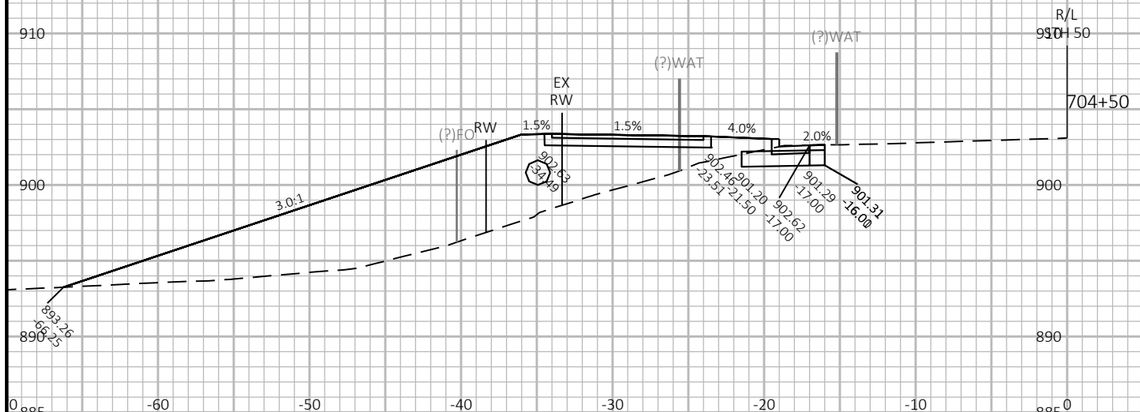
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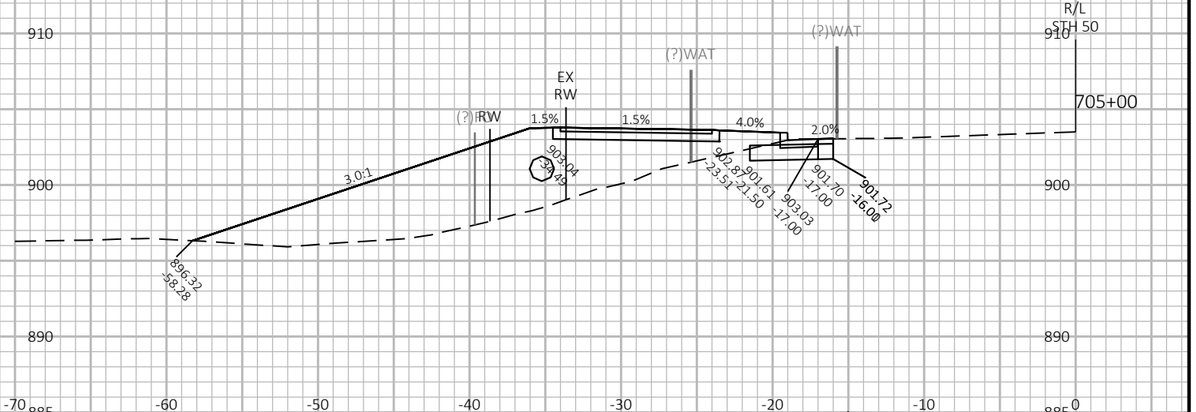
WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A









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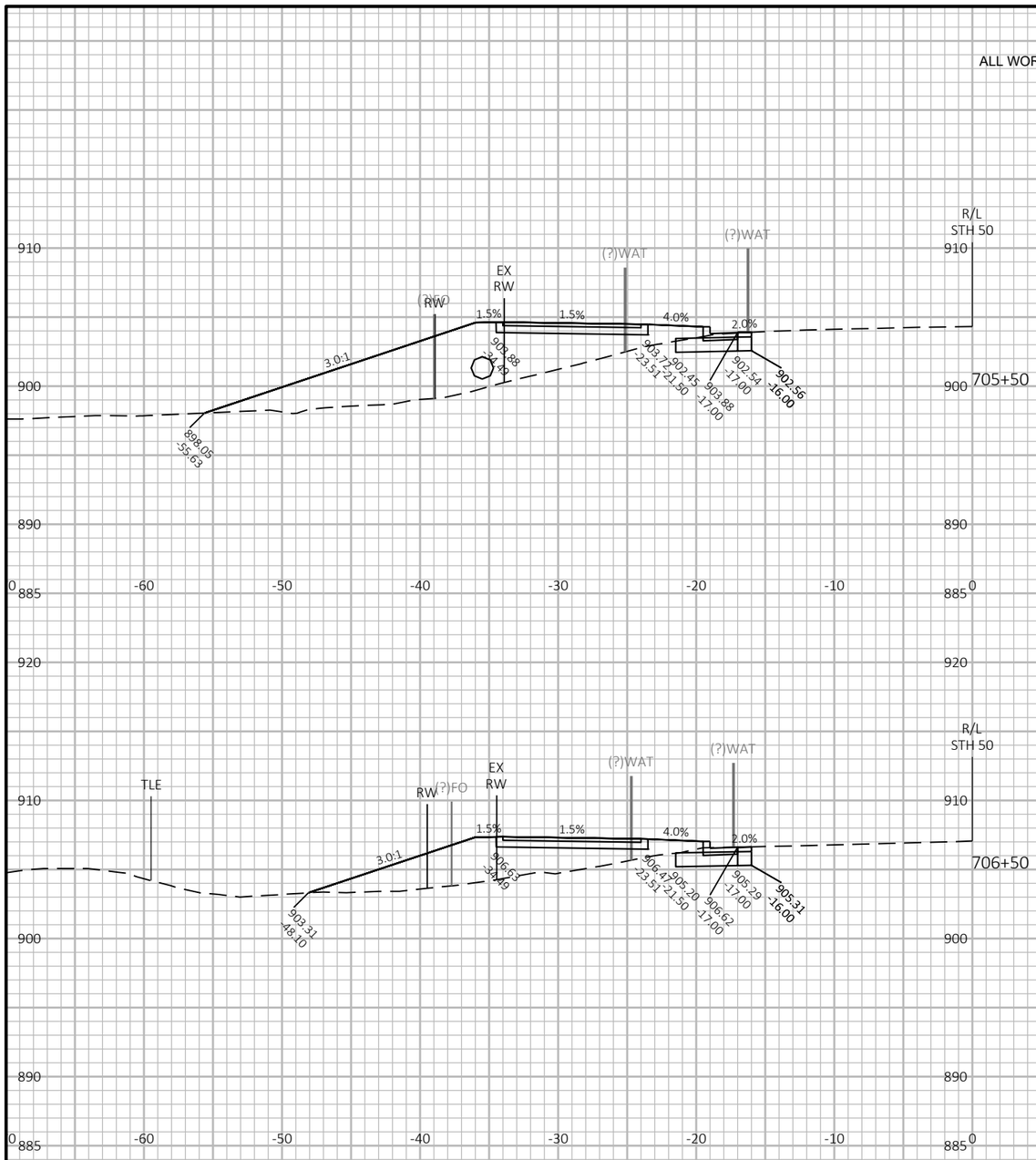
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 959	E

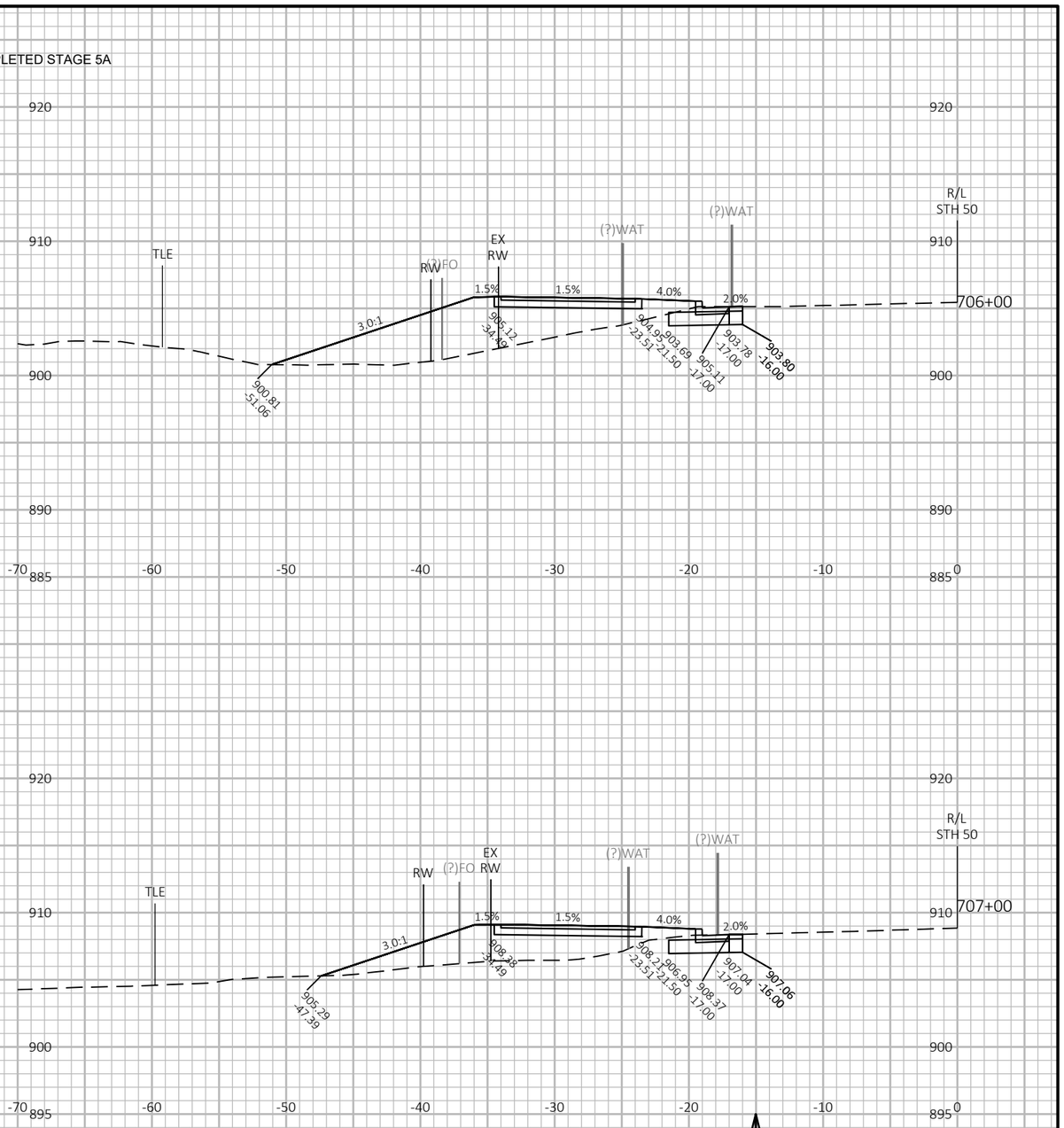
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-07-xs

PLOT DATE : 9/28/2026 11:51 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A





9

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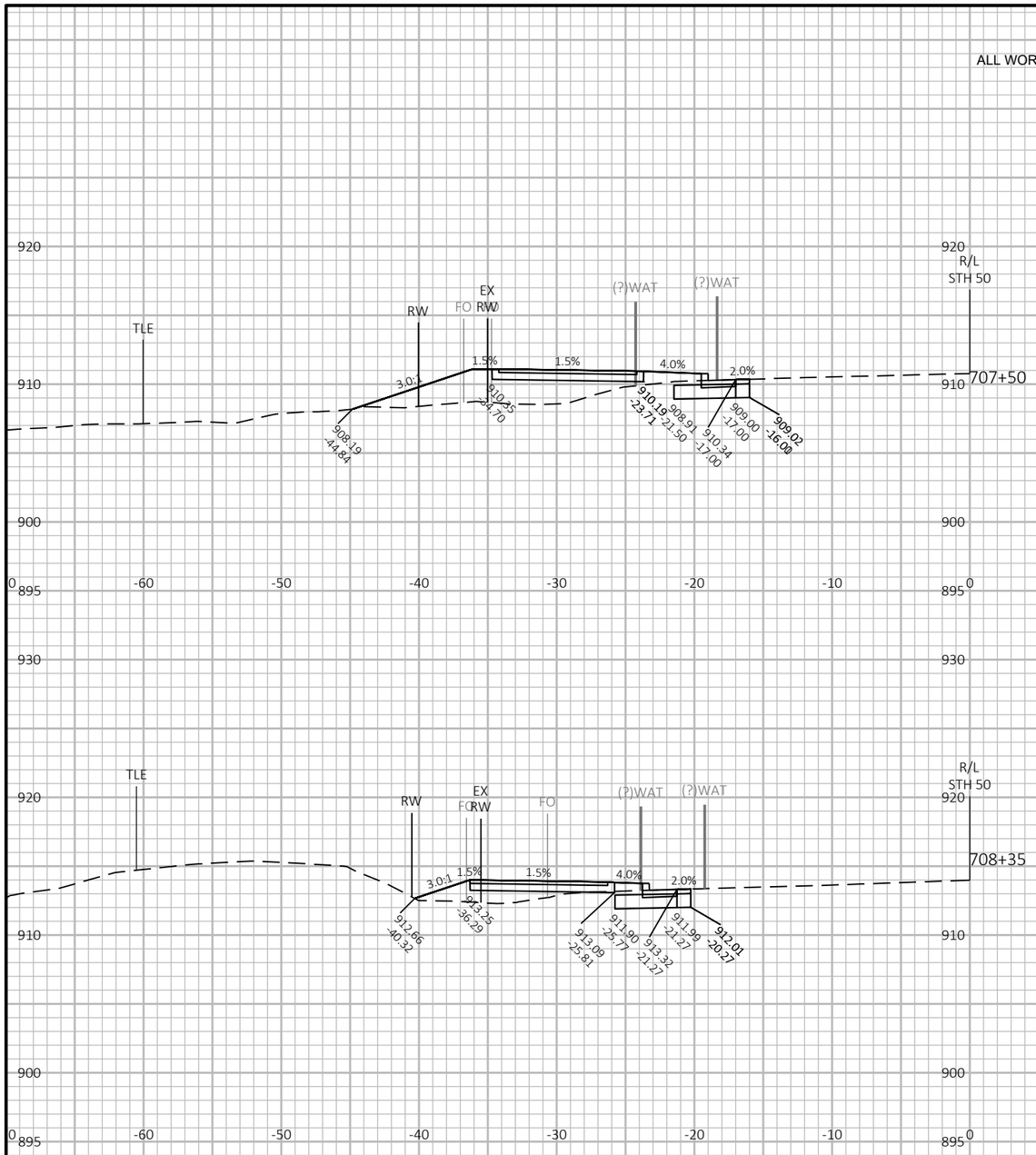
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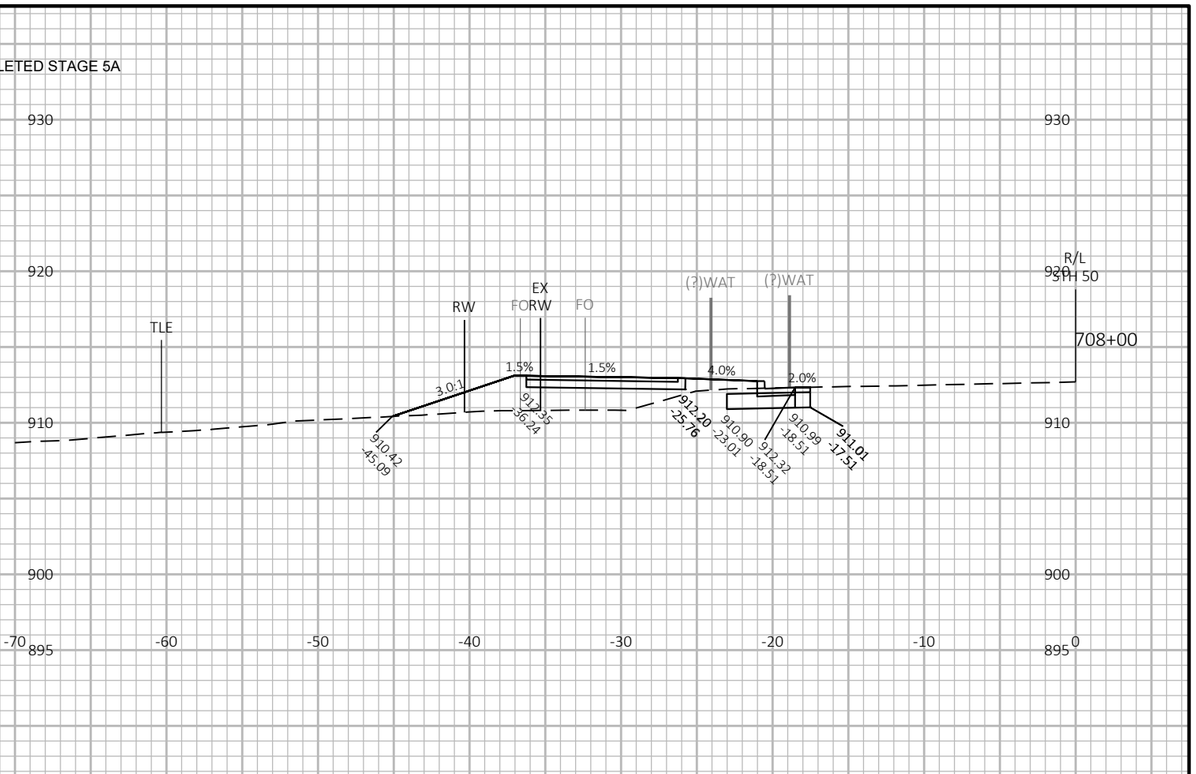
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LAYOUT NAME - 5-08-xs

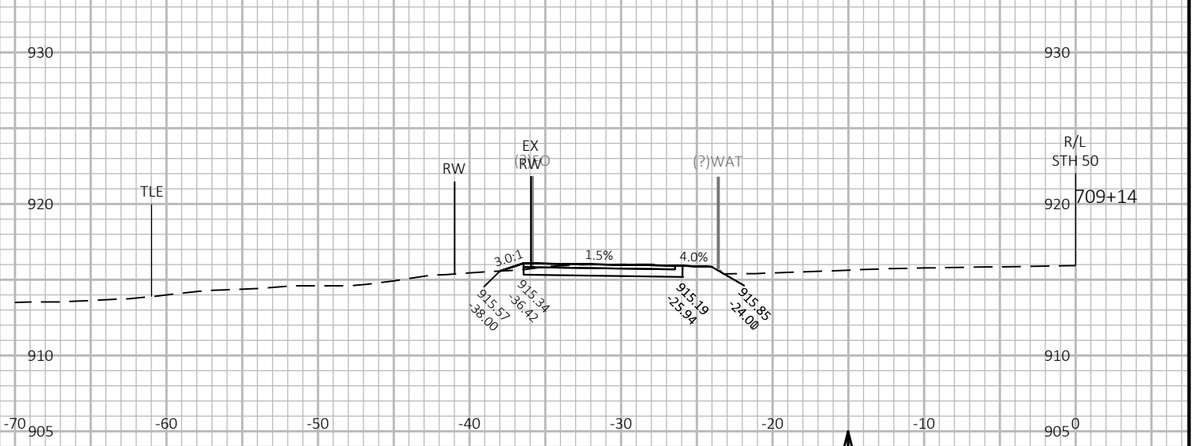
PLOT DATE : 9/28/2026 11:51 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A







9

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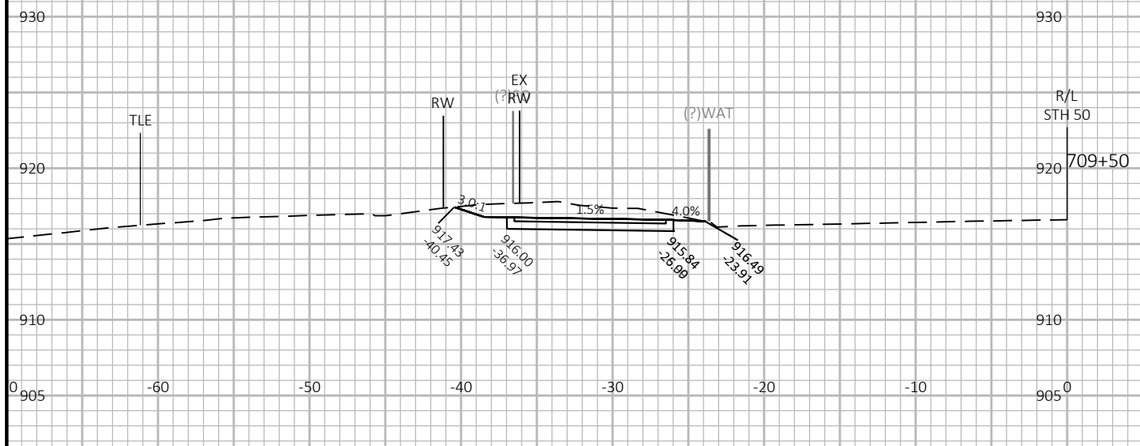
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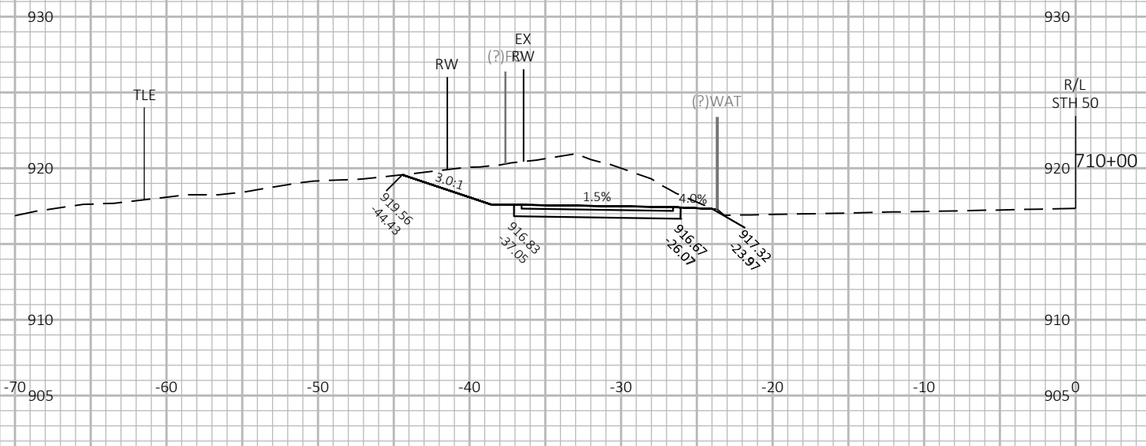
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-09-xs

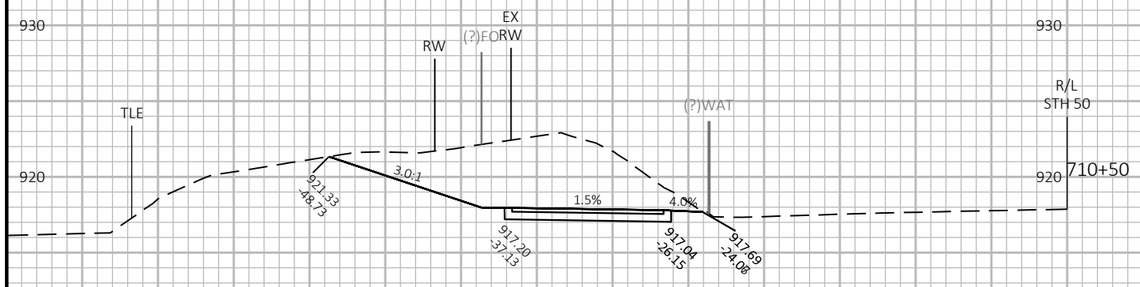
PLOT DATE : 9/28/2026 11:51 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

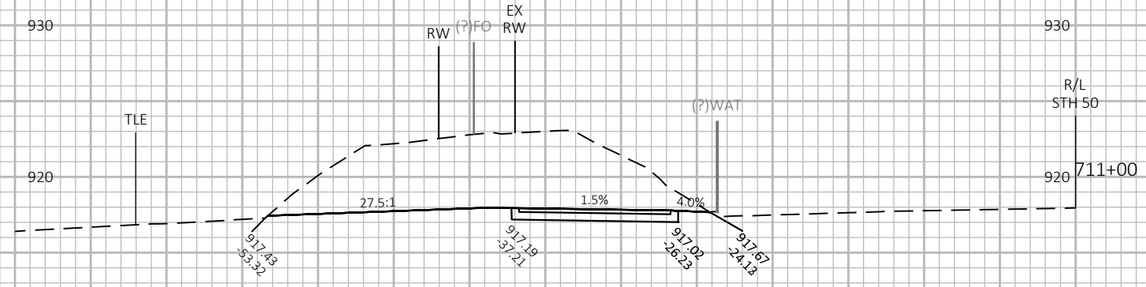
WISDOT/CADDS SHEET 49

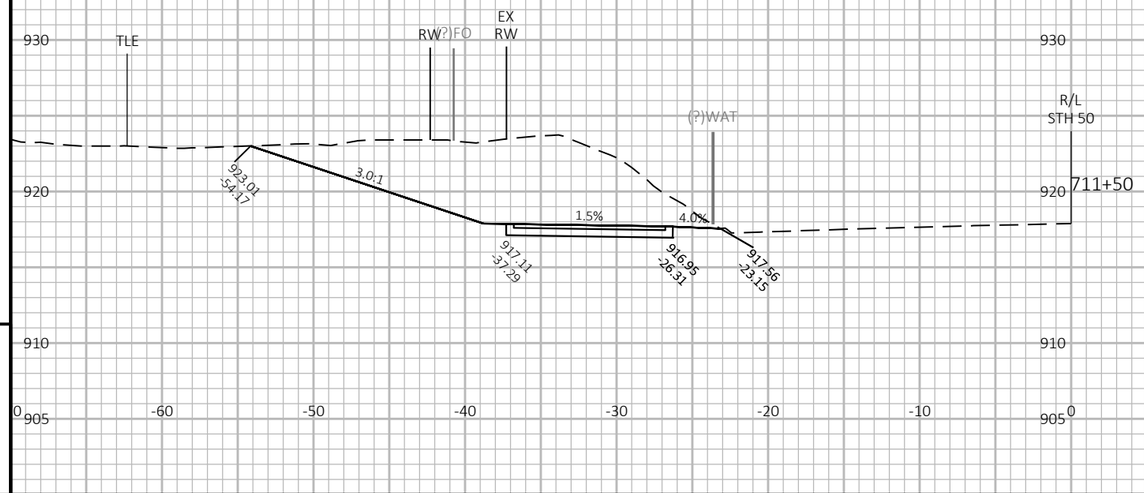
ALL WORK COMPLETED STAGE 5A

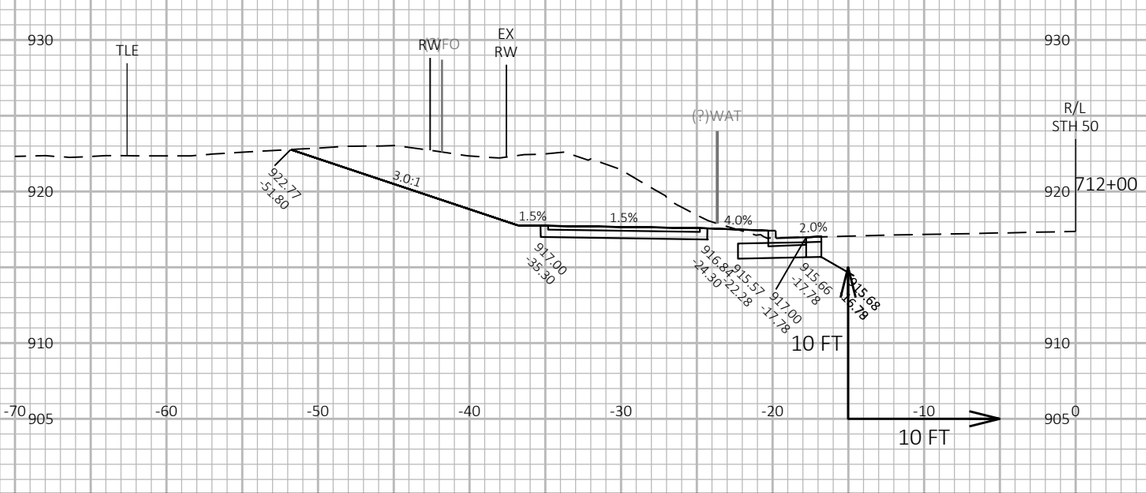












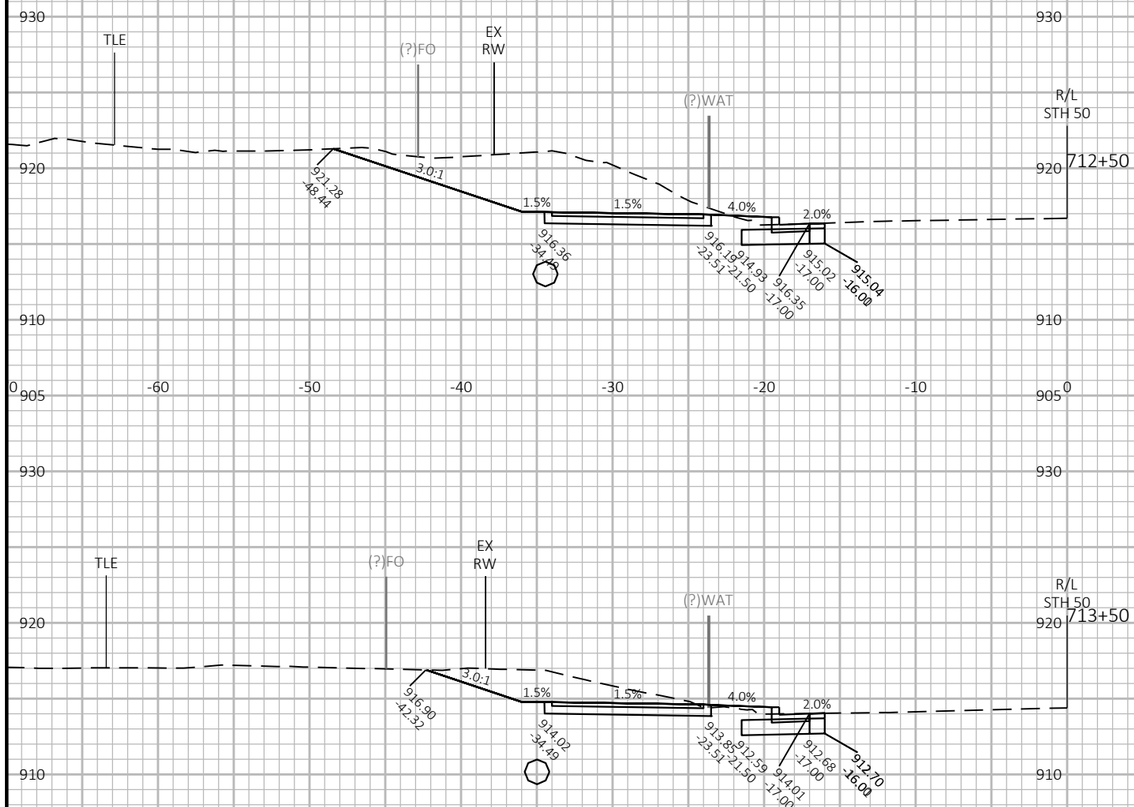
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 962	E

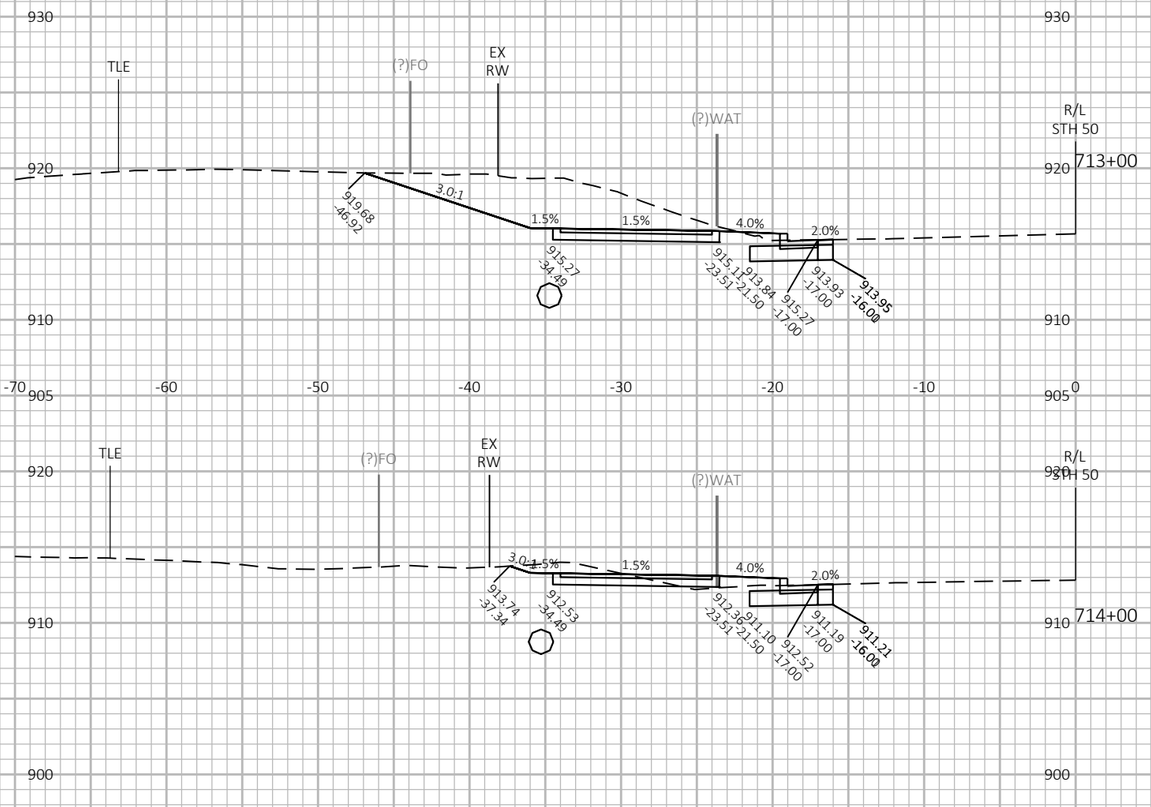
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-10-xs

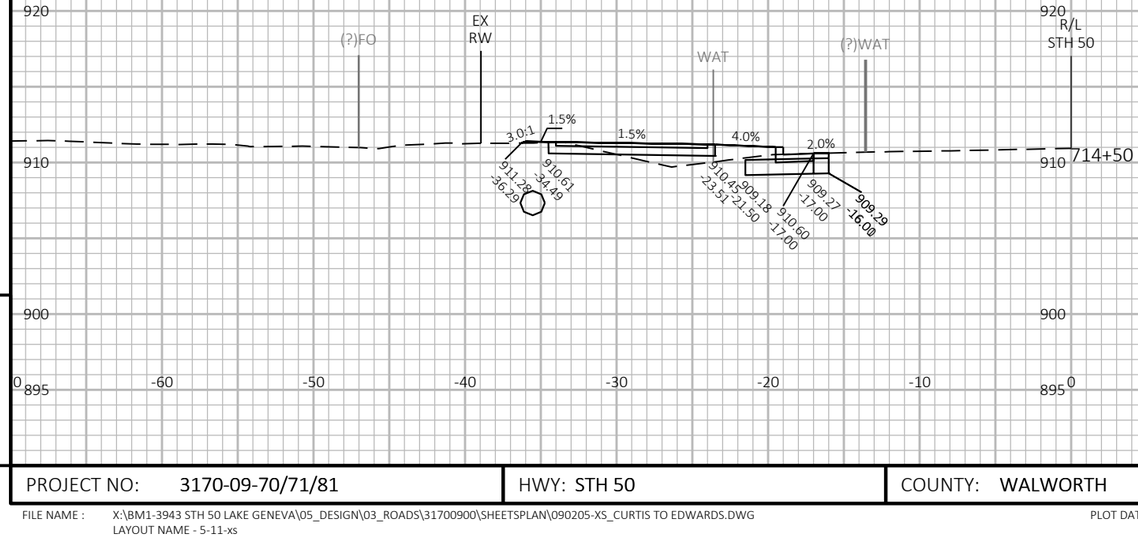
PLOT DATE : 9/28/2026 11:51 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

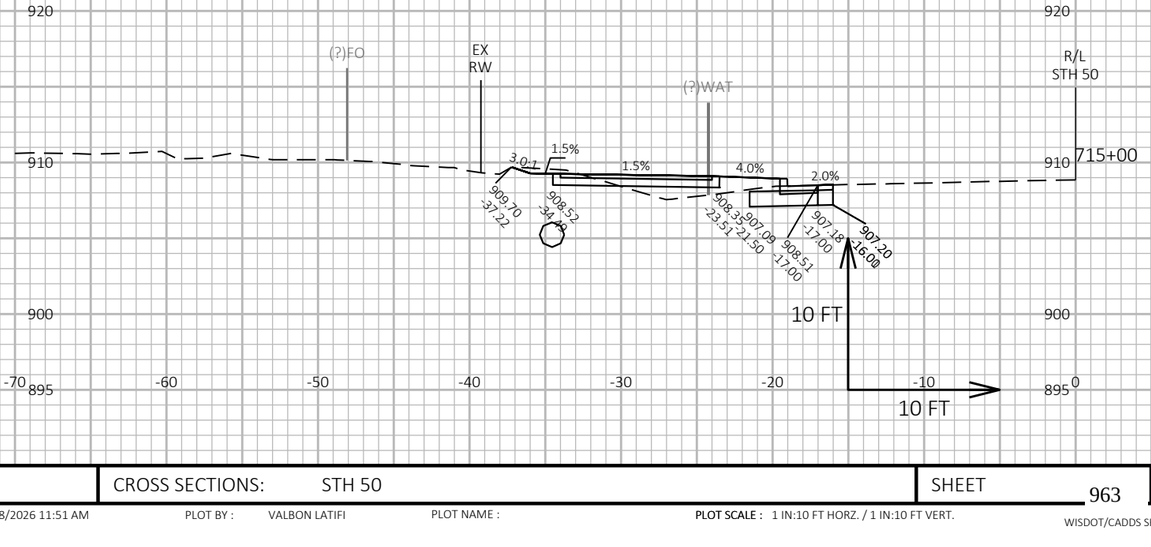
WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A









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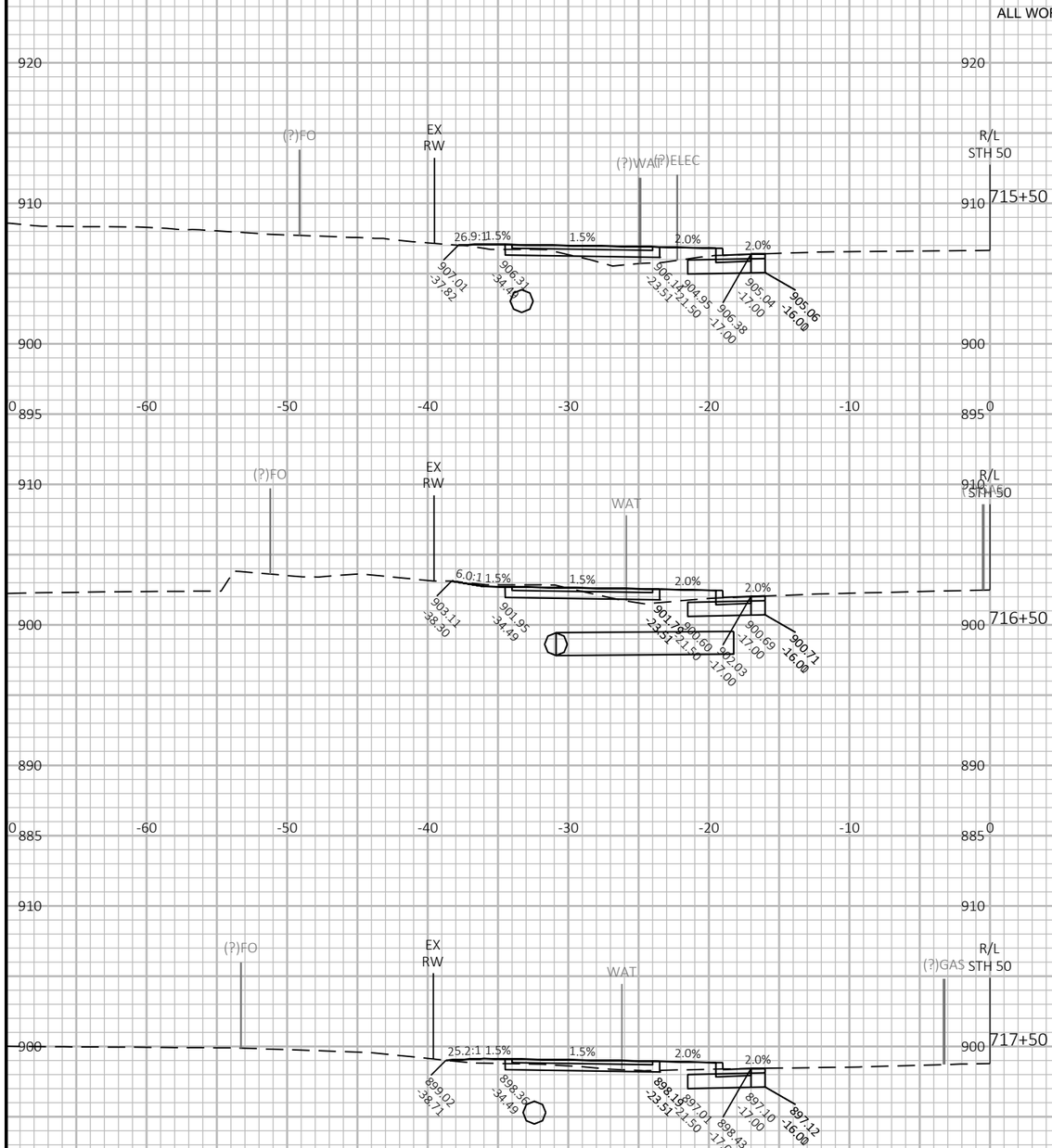
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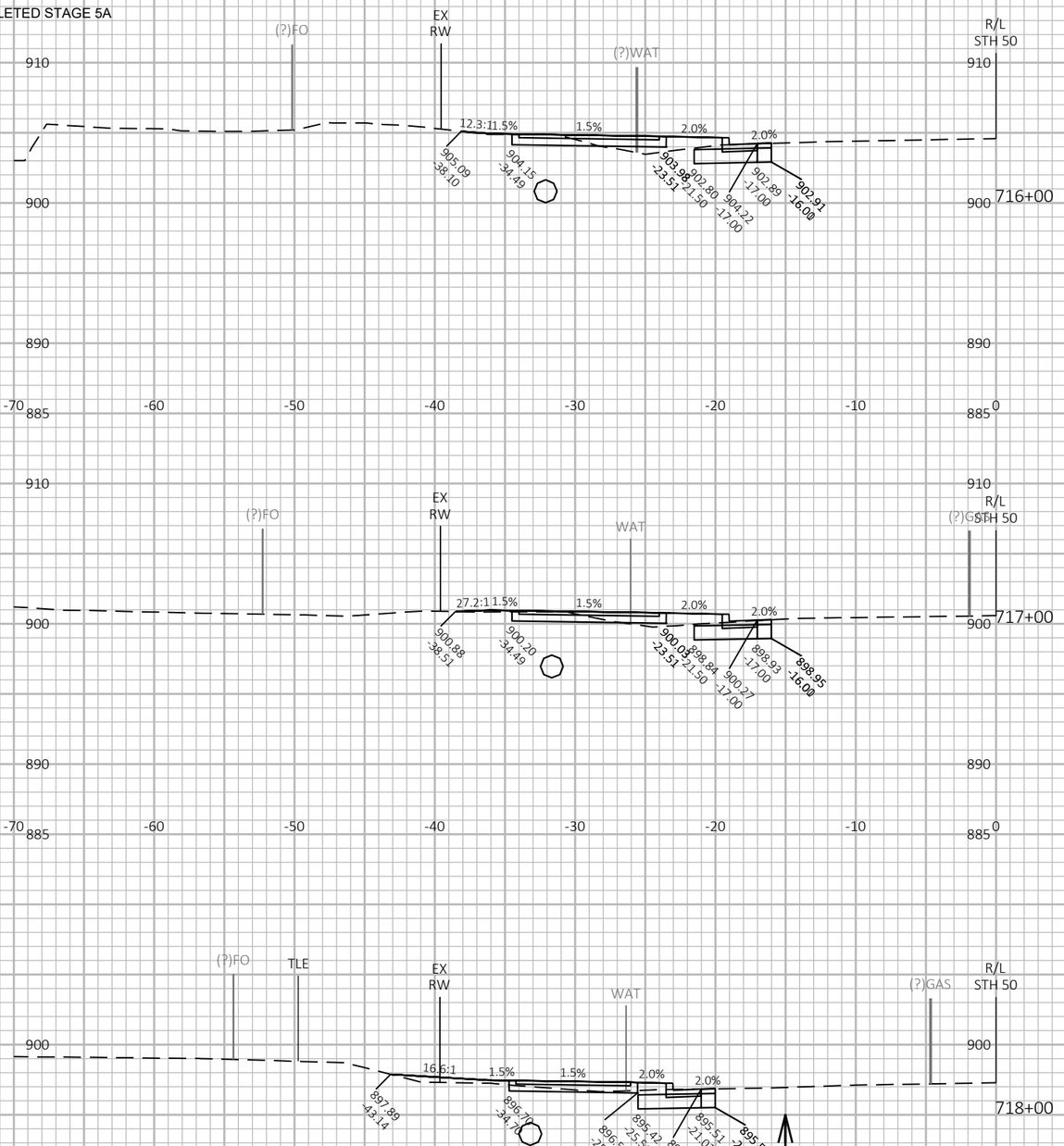
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 963	E

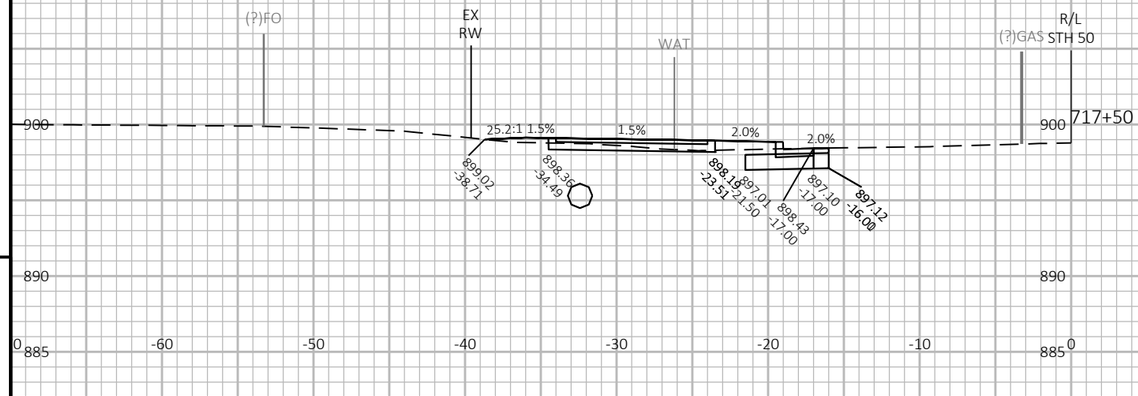
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-11-xs

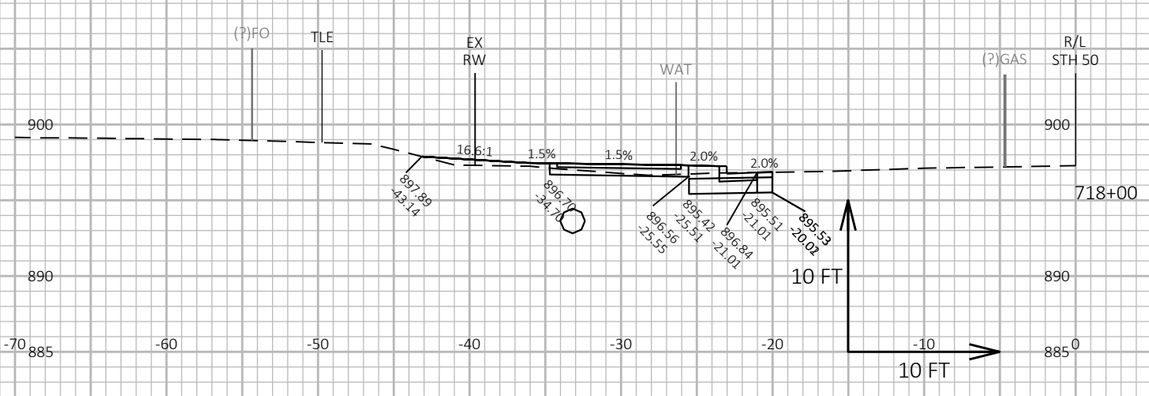
PLOT DATE : 9/28/2026 11:51 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

ALL WORK COMPLETED STAGE 5A









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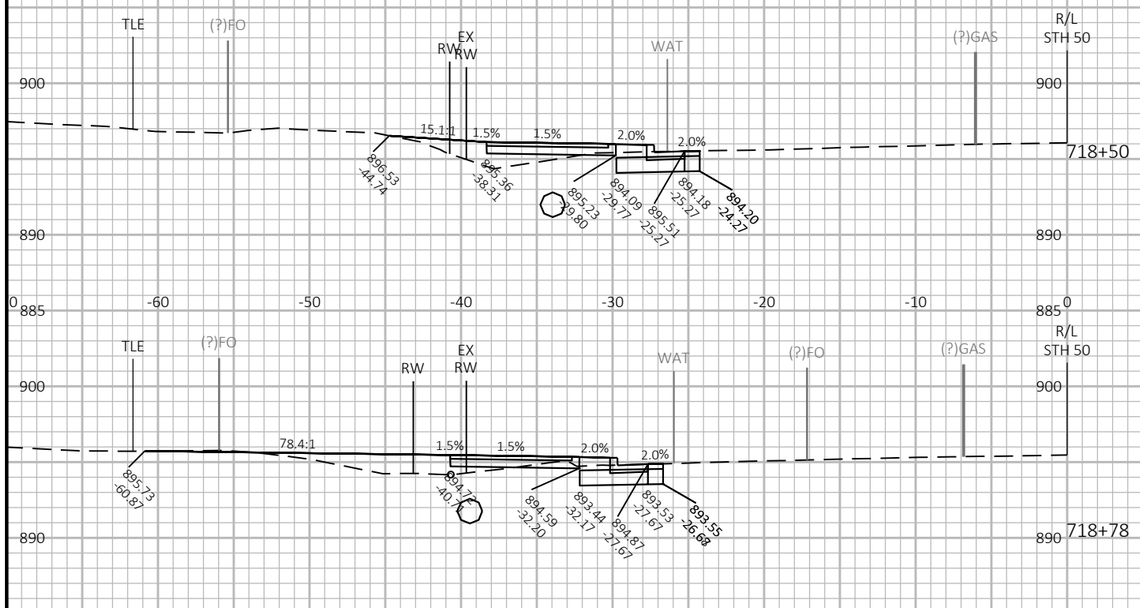
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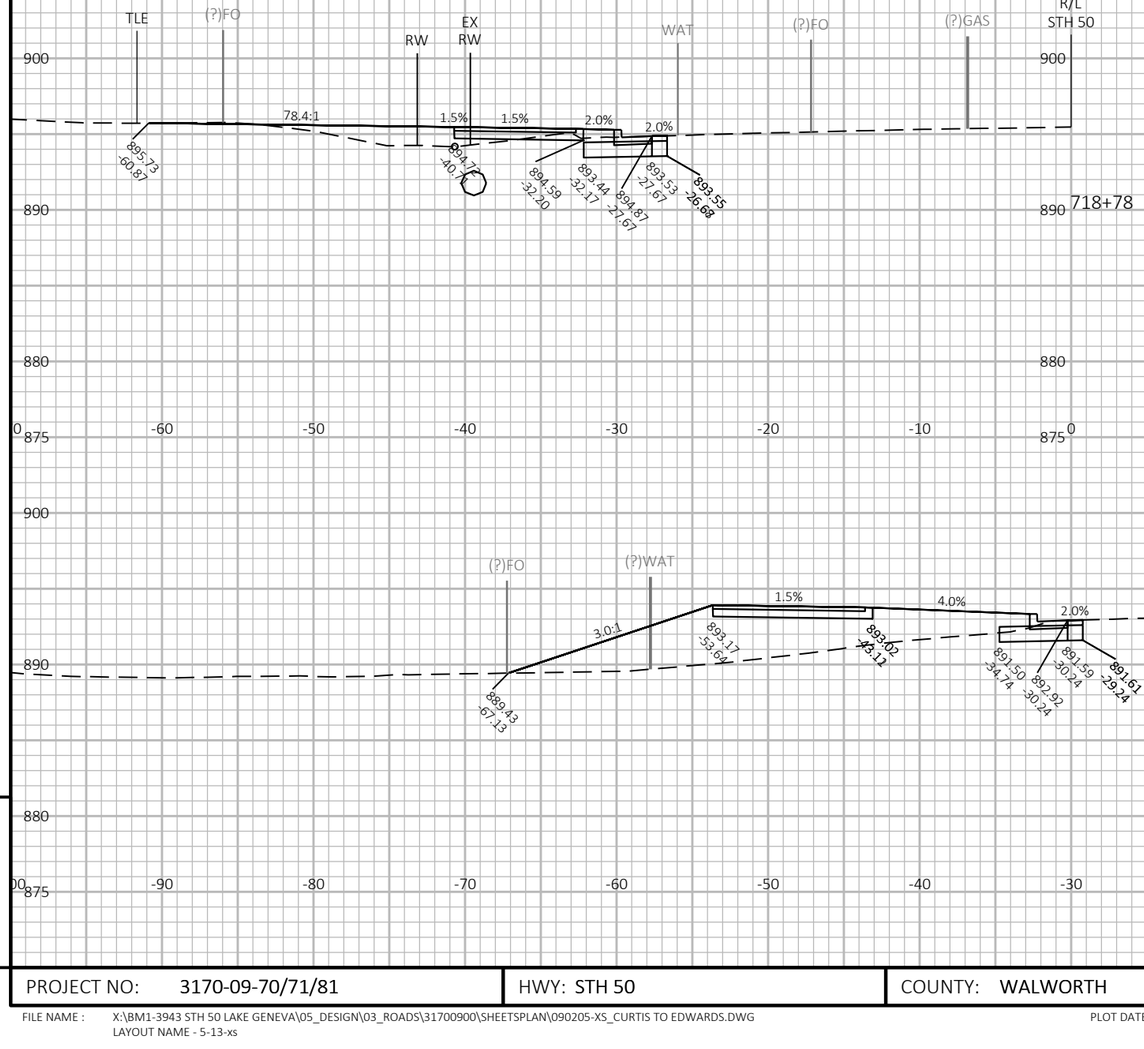
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-12-xs

PLOT DATE : 9/28/2026 11:51 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A





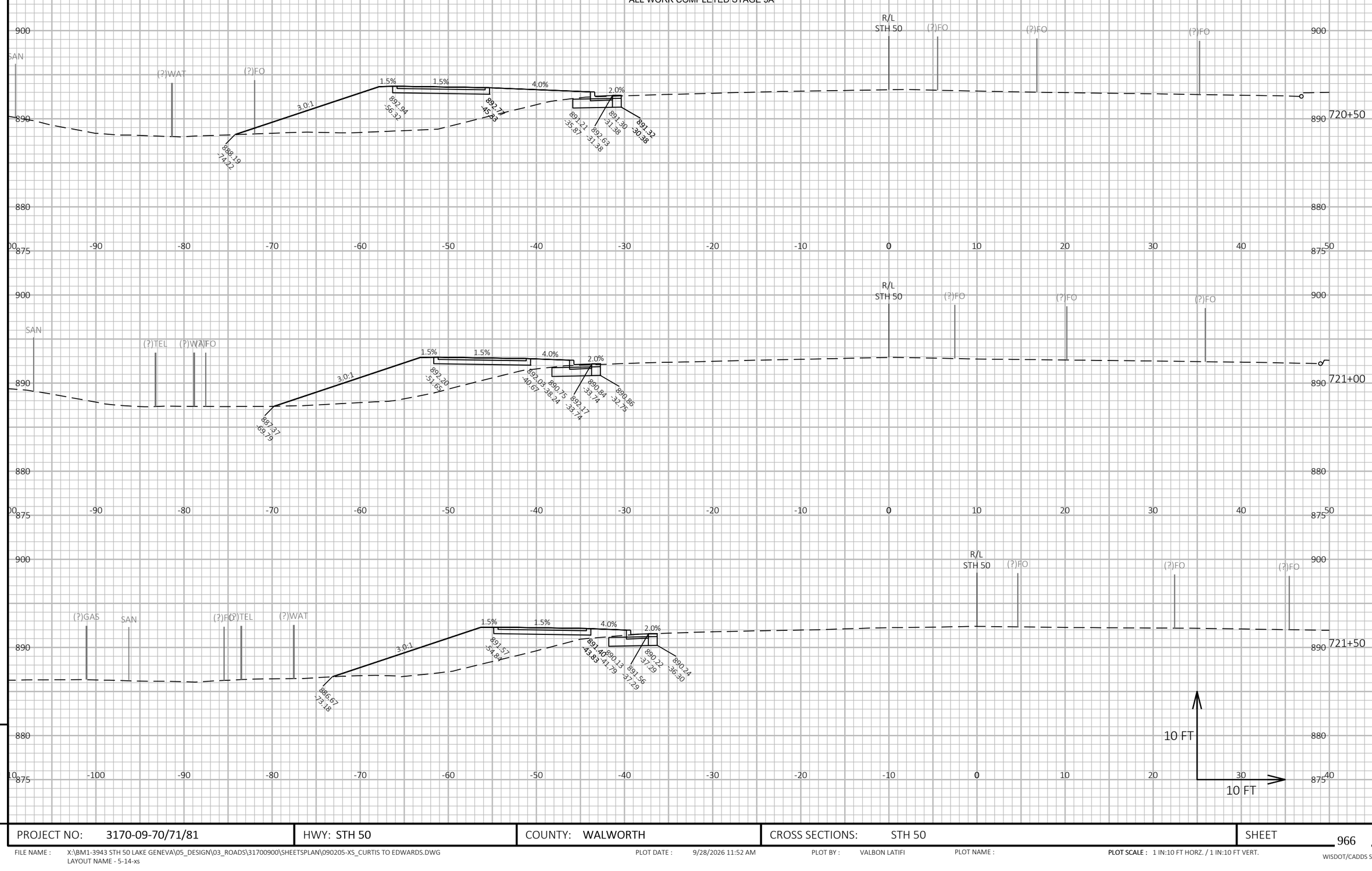
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 965	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-13-xs

PLOT DATE : 9/28/2026 11:52 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A



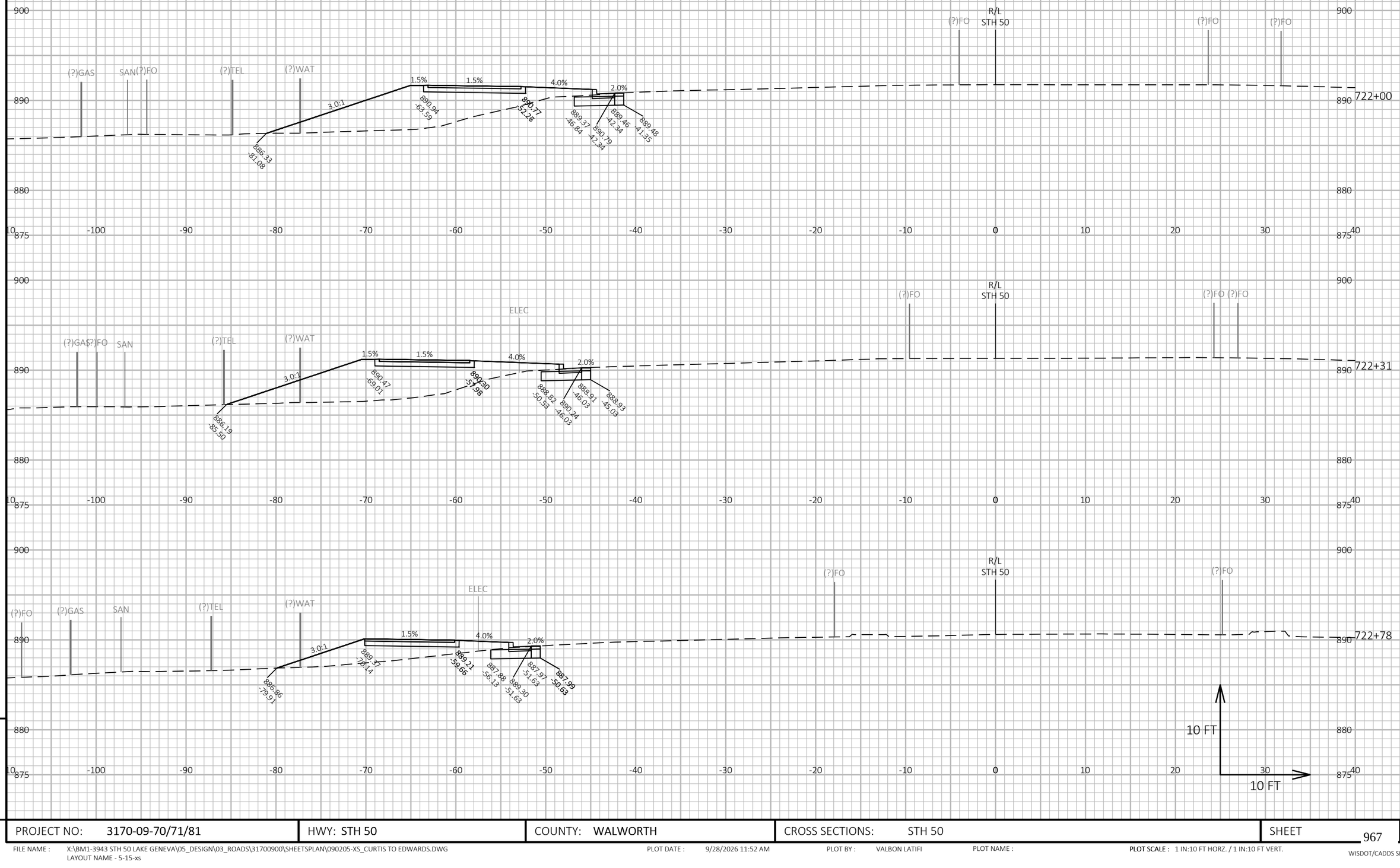
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 966	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-14-xs

PLOT DATE : 9/28/2026 11:52 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 5A

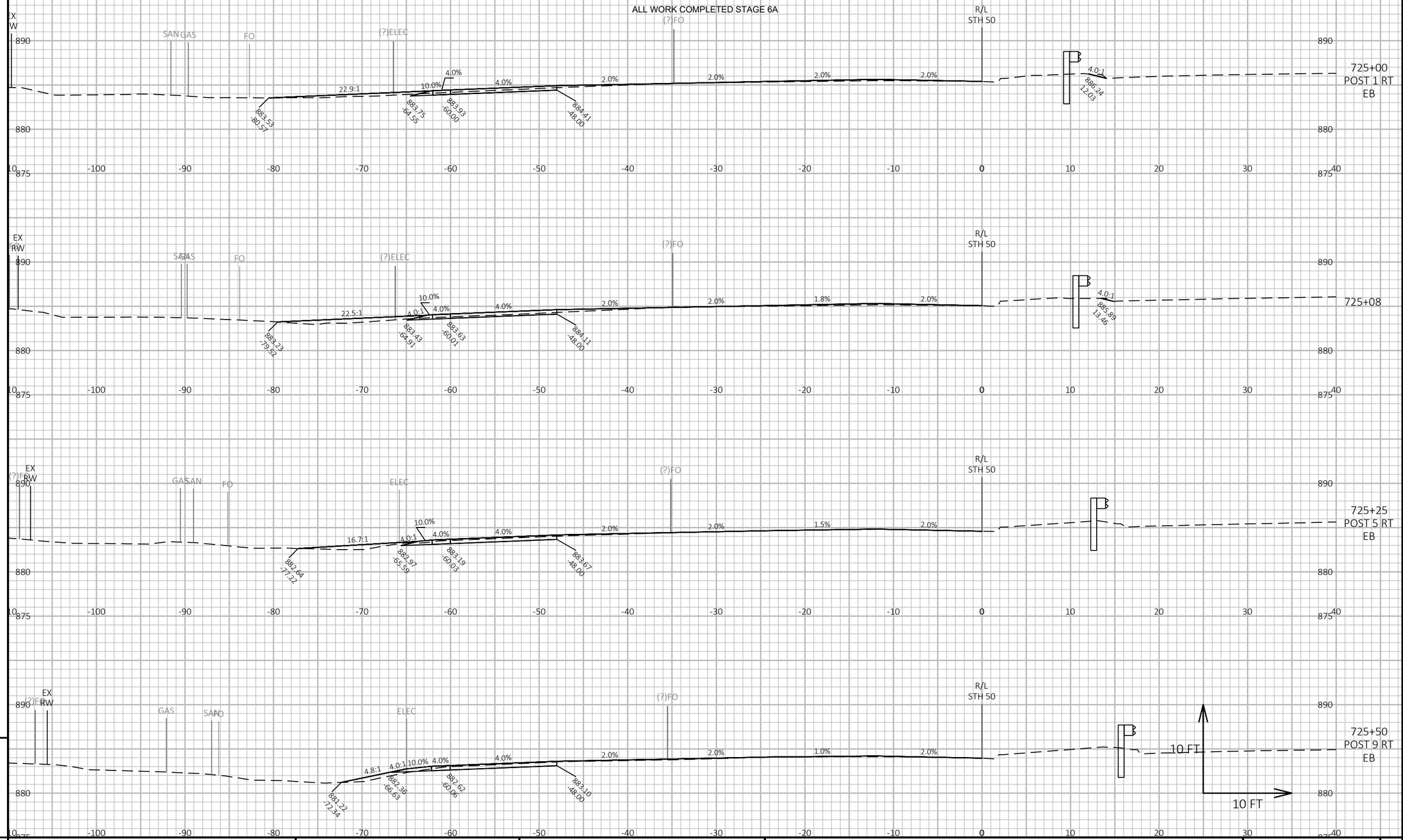


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 967	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-15-xs

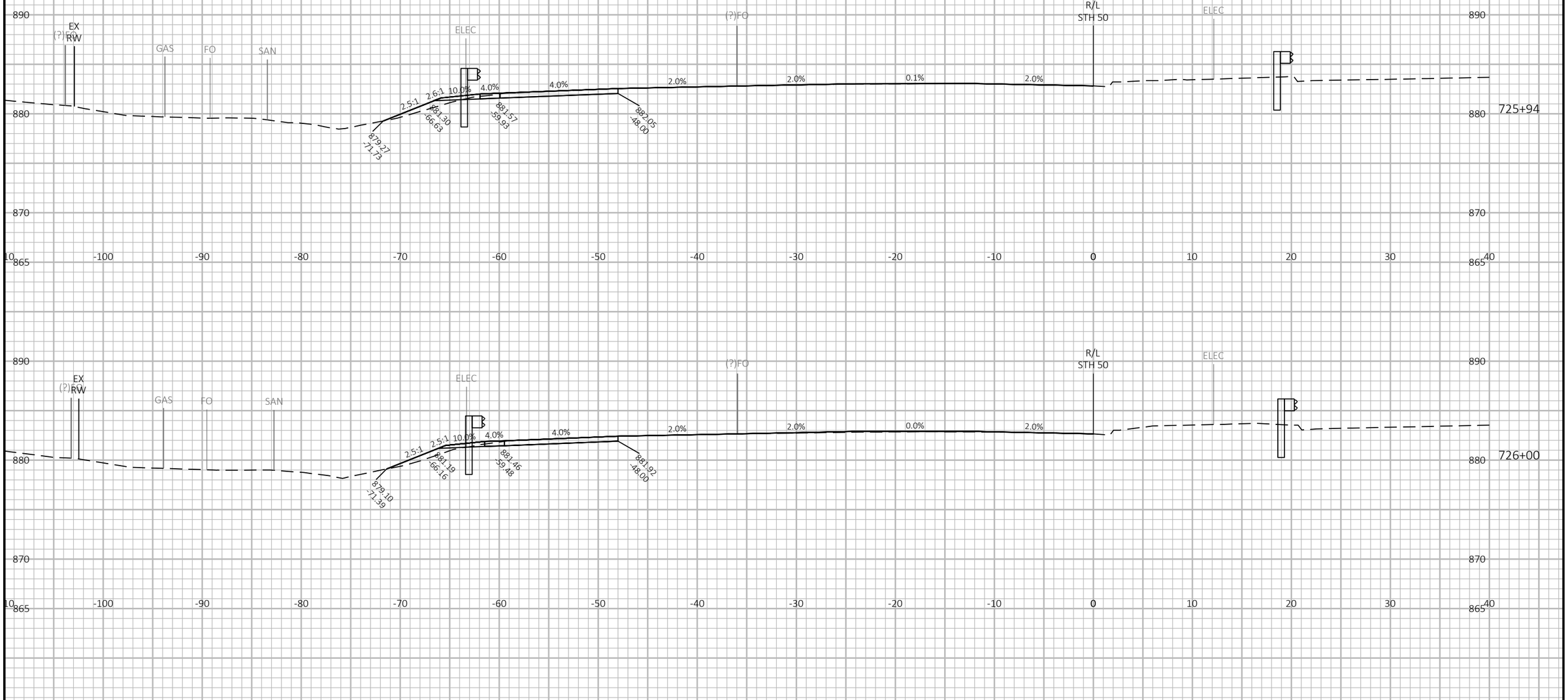
PLOT DATE : 9/28/2026 11:52 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

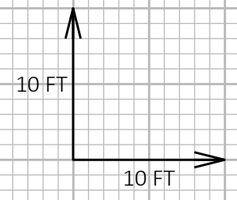
WISDOT/CADDS SHEET 49



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 968 E

ALL WORK COMPLETED STAGE 6A





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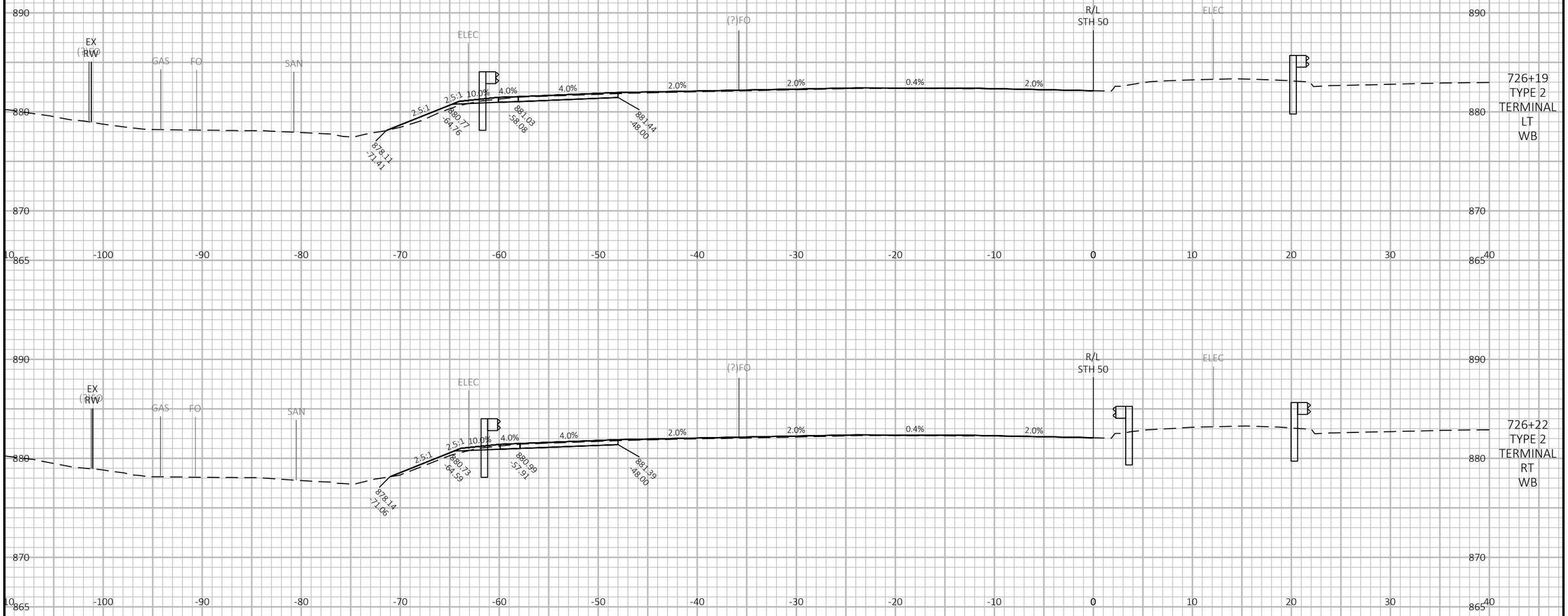
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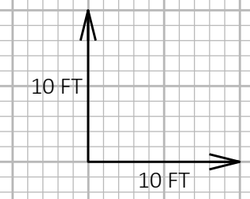
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-22-xs

PLOT DATE : 9/28/2026 11:52 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 6A





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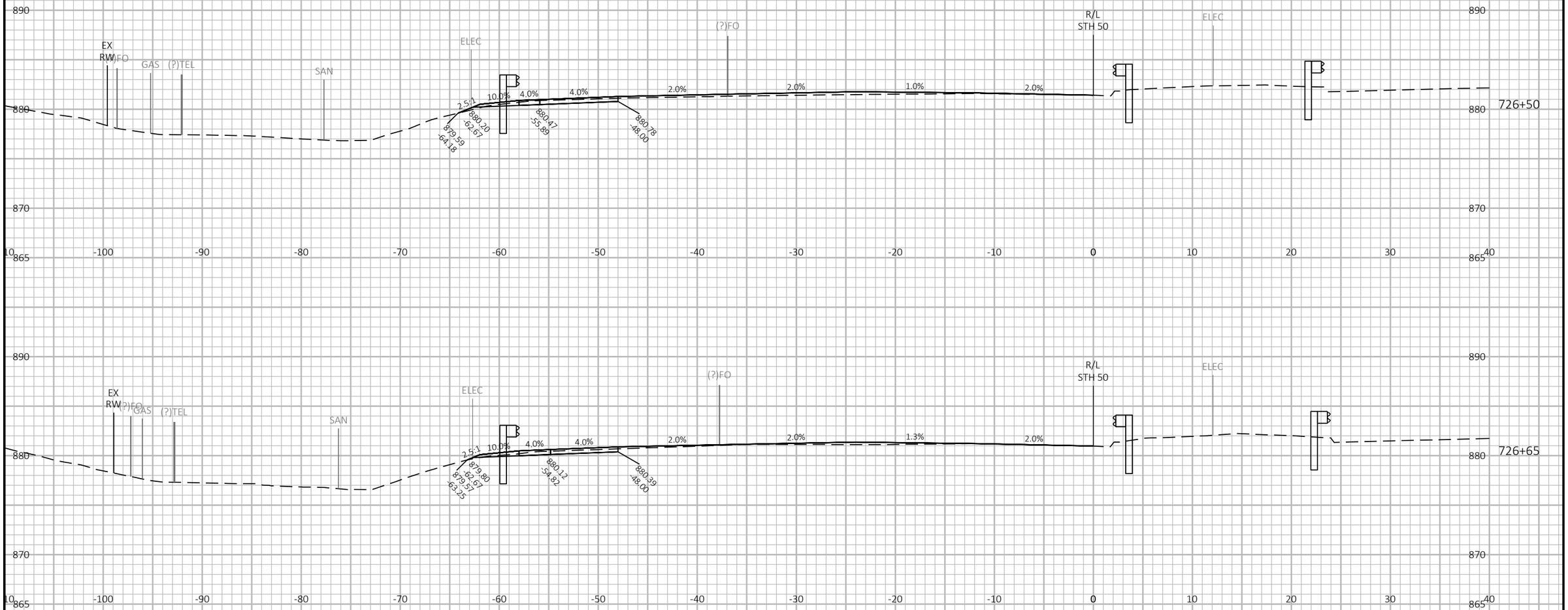
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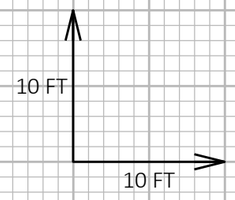
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LAYOUT NAME - 5-23-xs

PLOT DATE : 9/28/2026 11:52 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 6A





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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 971	E

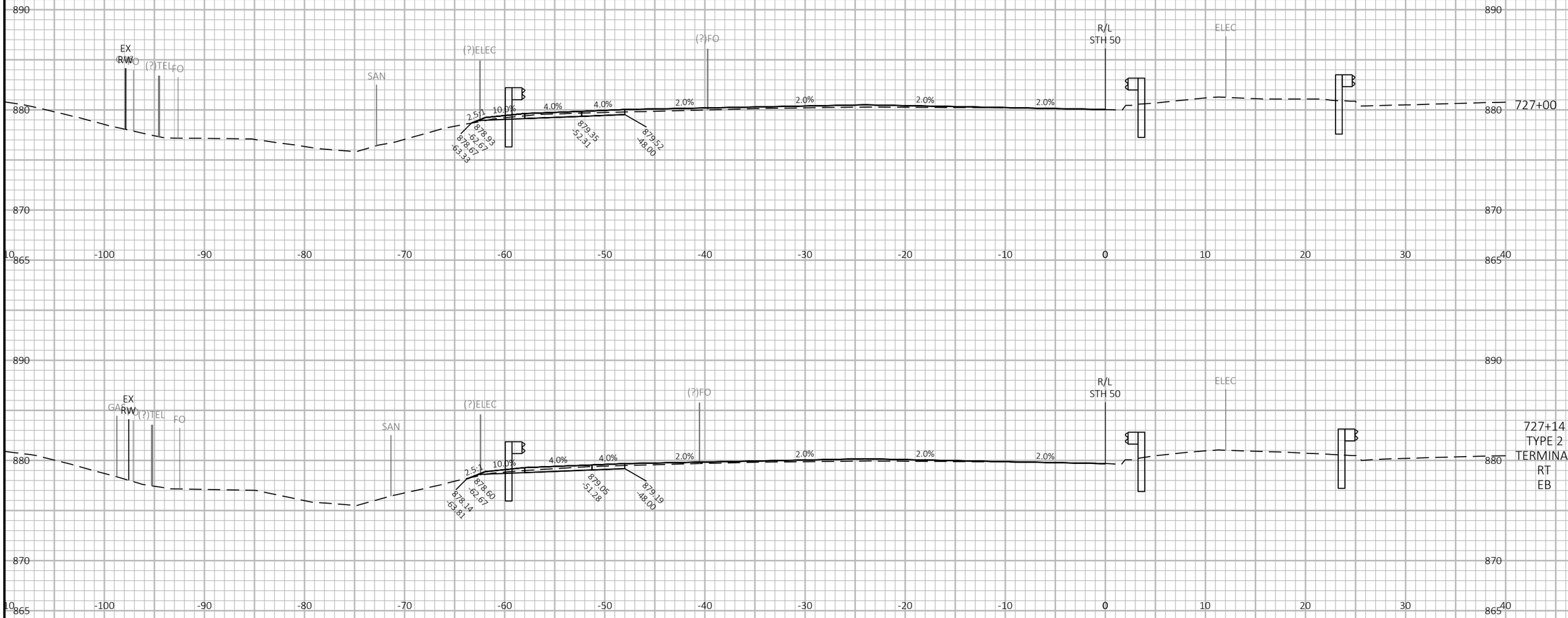
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LAYOUT NAME - 5-24-xs

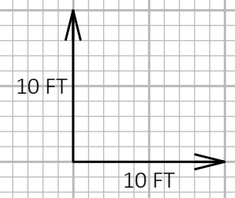
PLOT DATE : 9/28/2026 11:52 AM PLOT BY : VALBON LATIFI PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 6A





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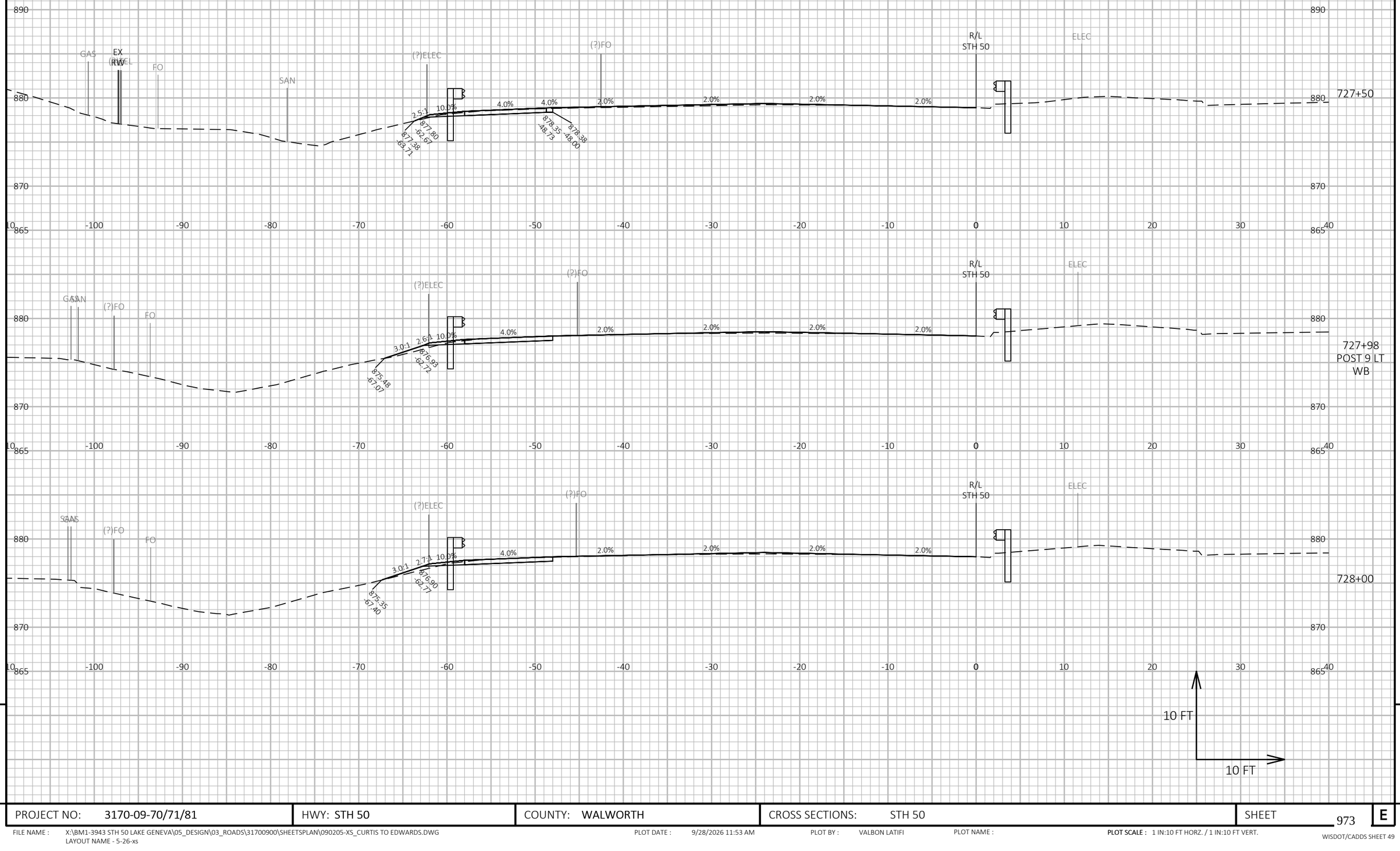
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-25-xs

PLOT DATE : 9/28/2026 11:52 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 6A



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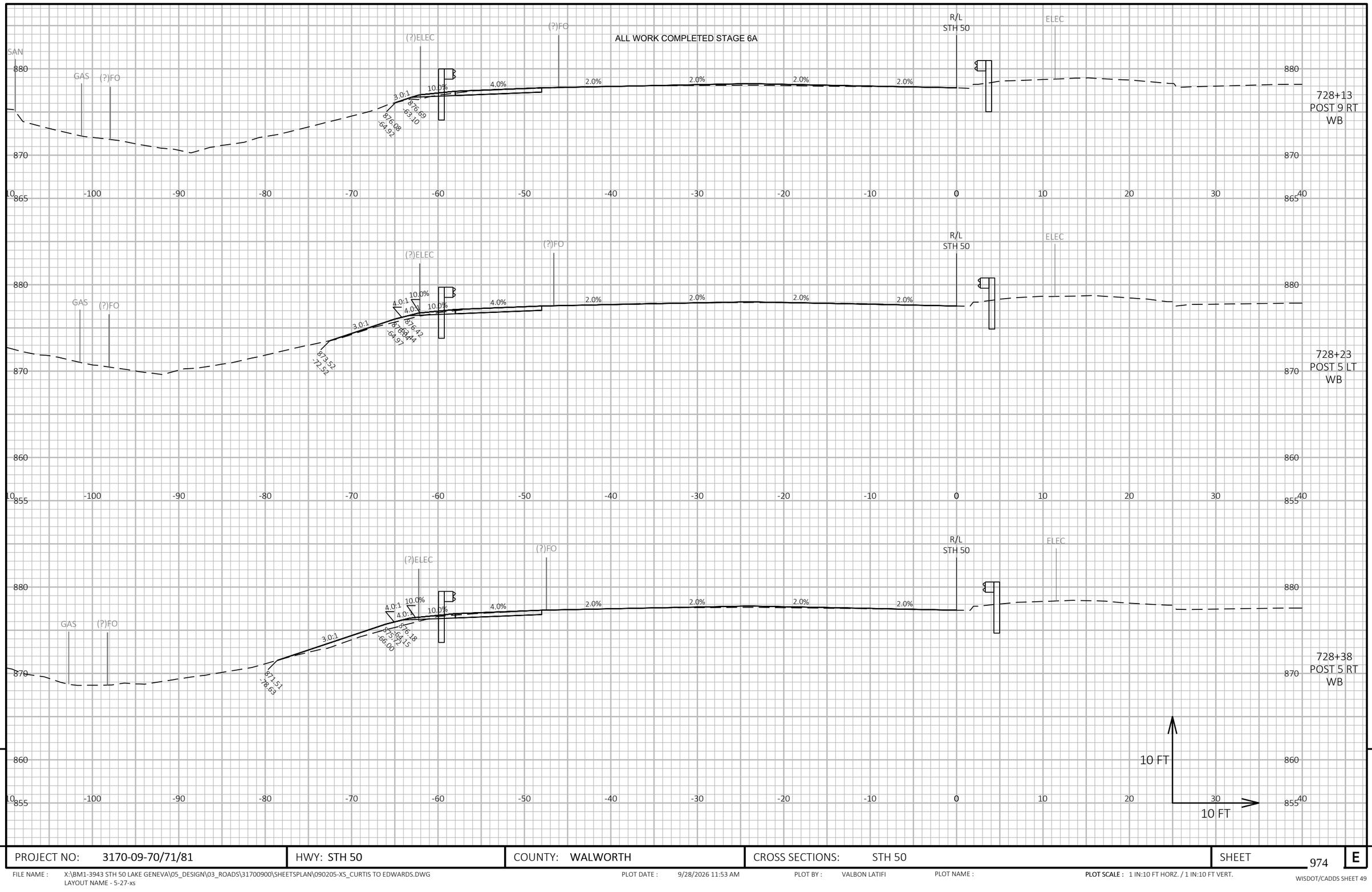
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FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-26-xs

PLOT DATE : 9/28/2026 11:53 AM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 6A



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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 974	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-27-xs

PLOT DATE : 9/28/2026 11:53 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 6A

728+48
POST 1 LT
WB

728+50

GAS
(?)FO
(?)ELEC
(?)FO
R/L
STH 50
ELEC

880
870
860
855

10 FT
10 FT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 975	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-28-xs

PLOT DATE : 9/28/2026 11:53 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ALL WORK COMPLETED STAGE 6A

728+62
POST 1 RT
WB

729+00

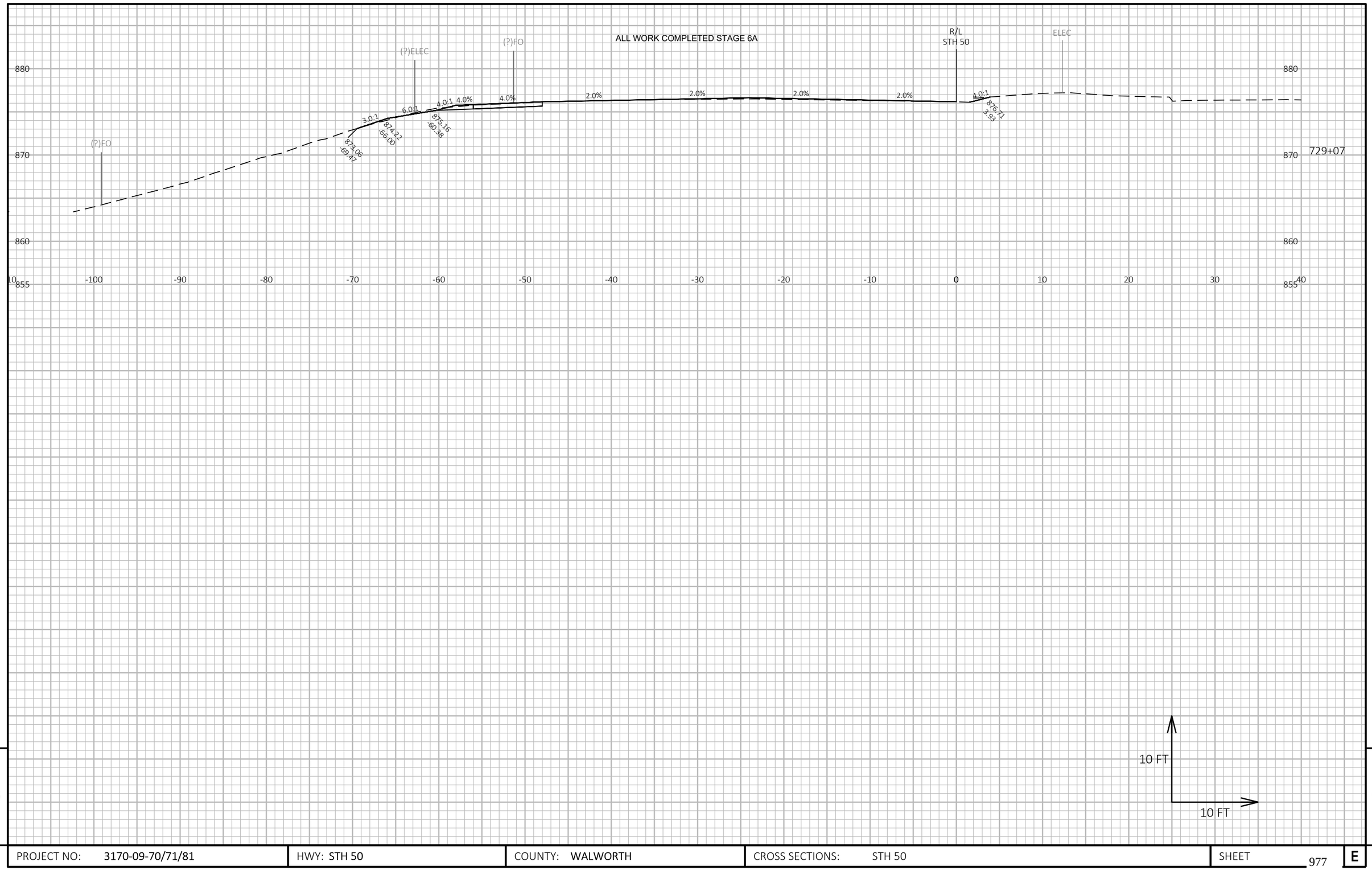
10 FT
10 FT

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 976	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090205-XS_CURTIS TO EDWARDS.DWG
LAYOUT NAME - 5-29-xs

PLOT DATE : 9/28/2026 11:53 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

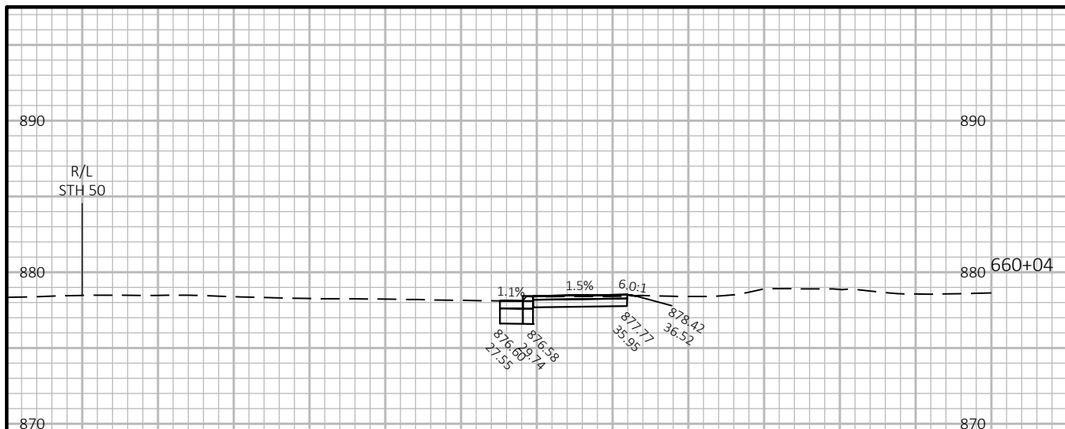


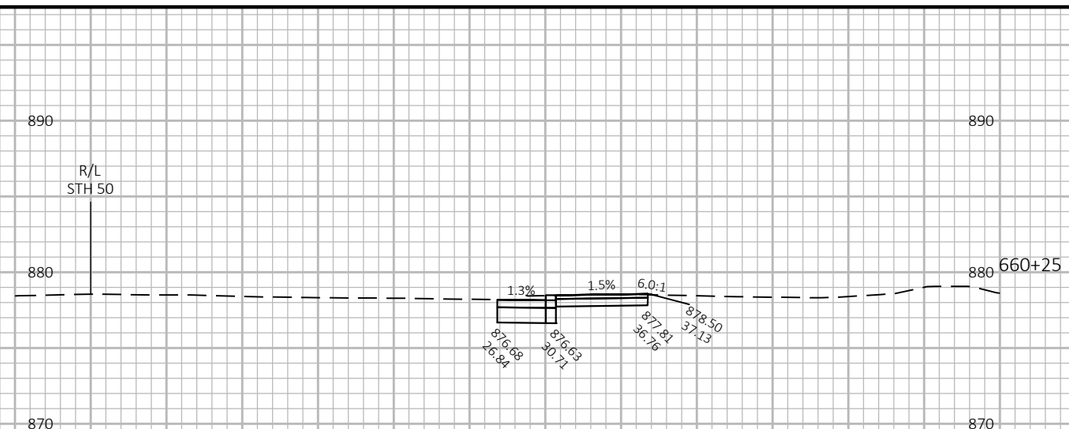
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50	SHEET 977	E

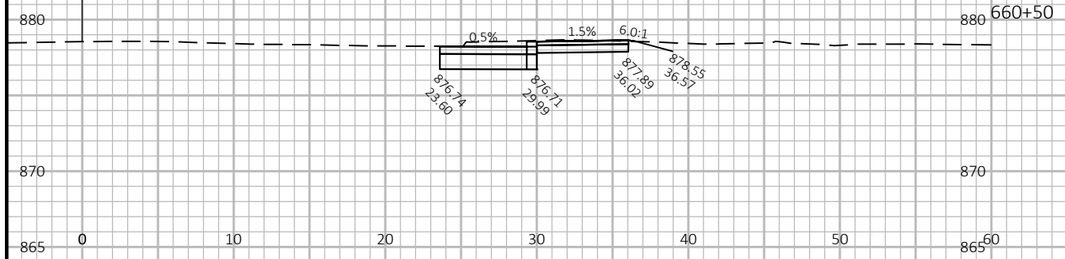
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LAYOUT NAME - 5-30-xs

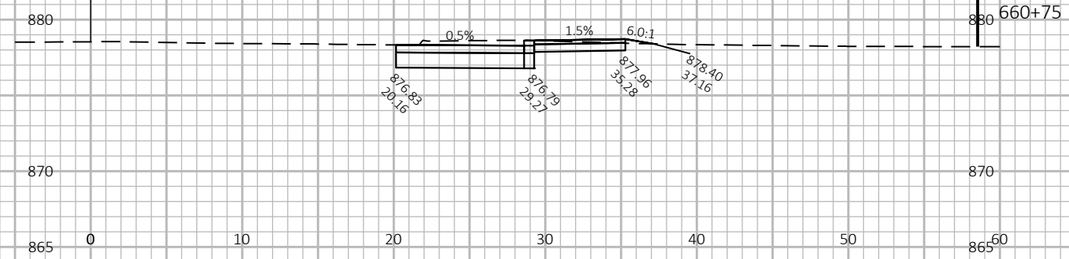
PLOT DATE : 9/28/2026 11:53 AM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

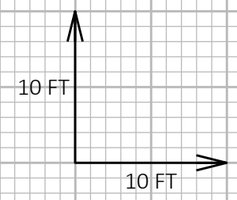
WISDOT/CADDS SHEET 49











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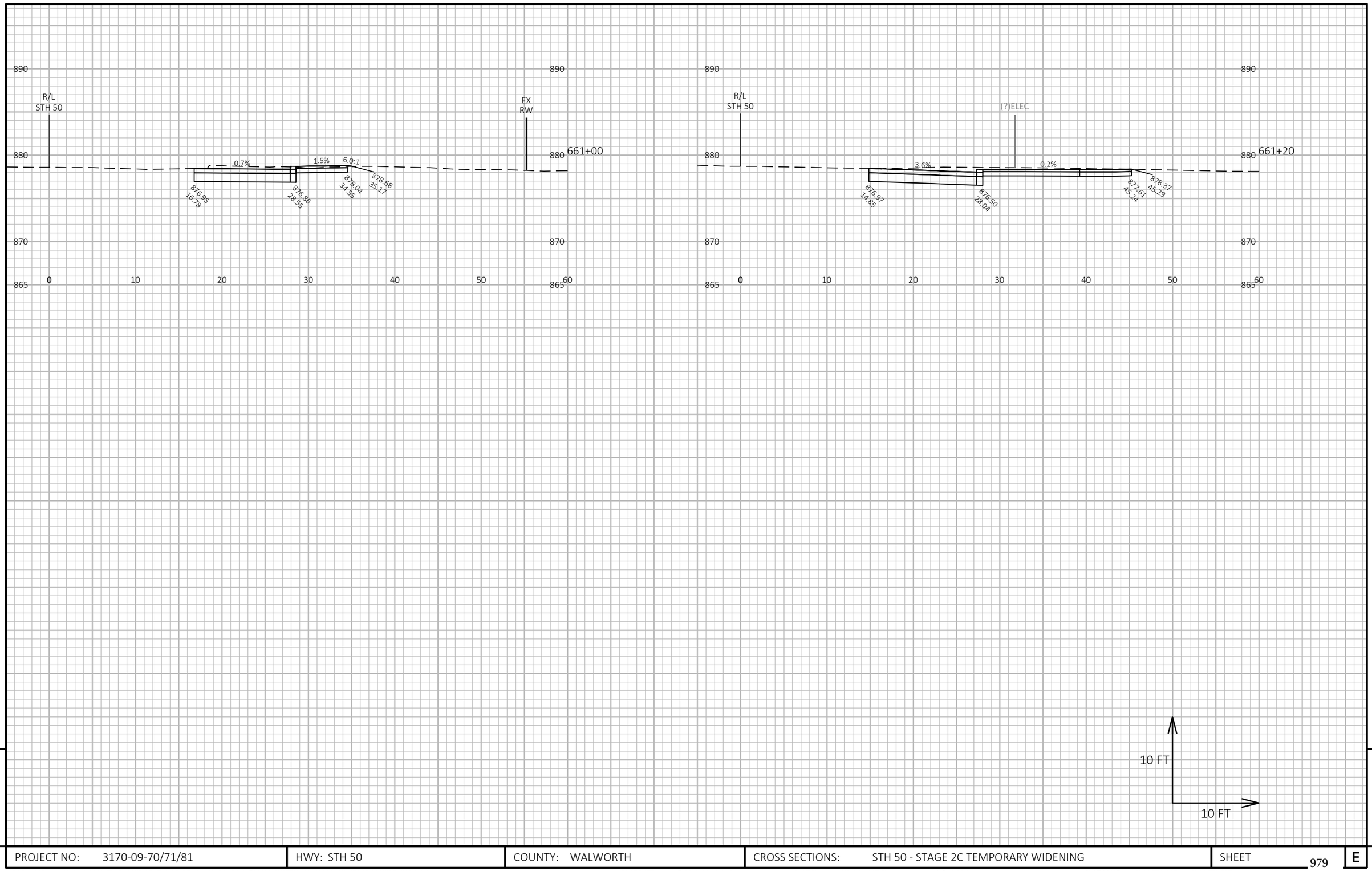
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 2C TEMPORARY WIDENING	SHEET 978	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090210-XS_STAGE 2C WIDENING.DWG
LAYOUT NAME - 01-xs-S2C TP

PLOT DATE : 7/31/2026 11:41 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

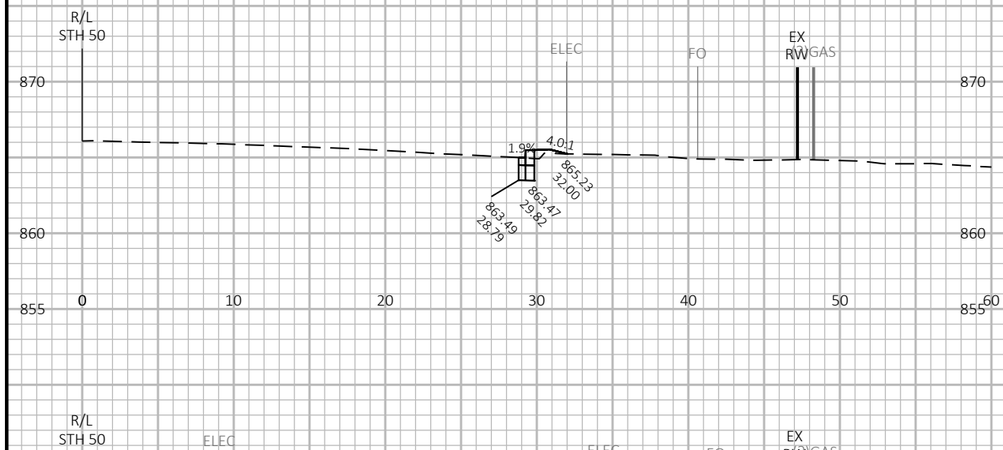
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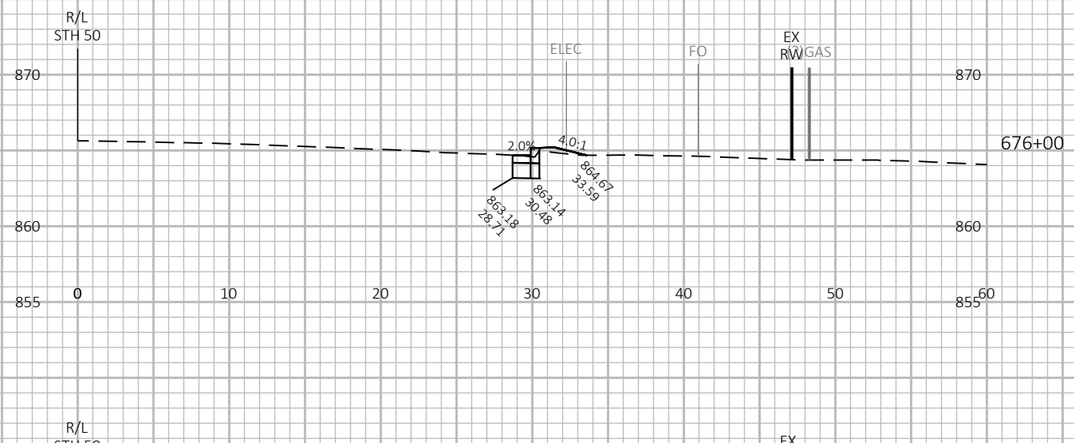
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 2C TEMPORARY WIDENING	SHEET 979	E

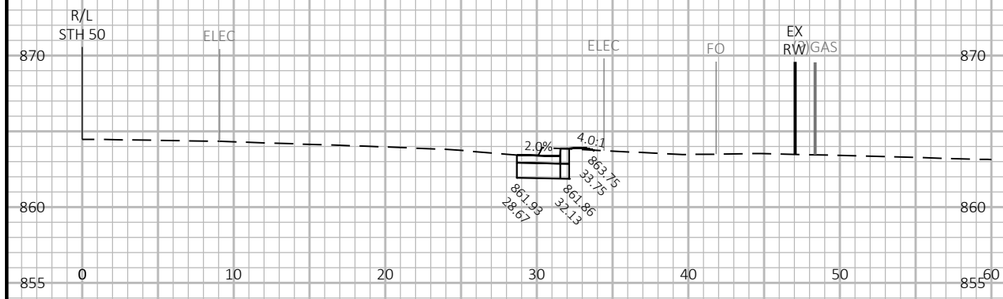
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090210-XS_STAGE 2C WIDENING.DWG
LAYOUT NAME - 02-xs-S2C TP

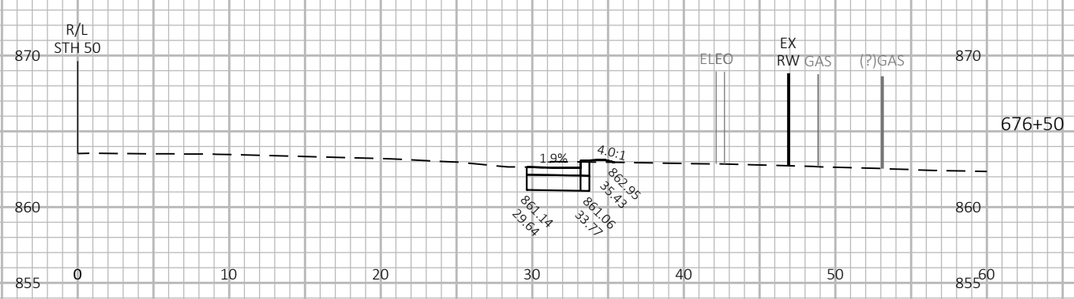
PLOT DATE : 7/31/2026 11:41 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

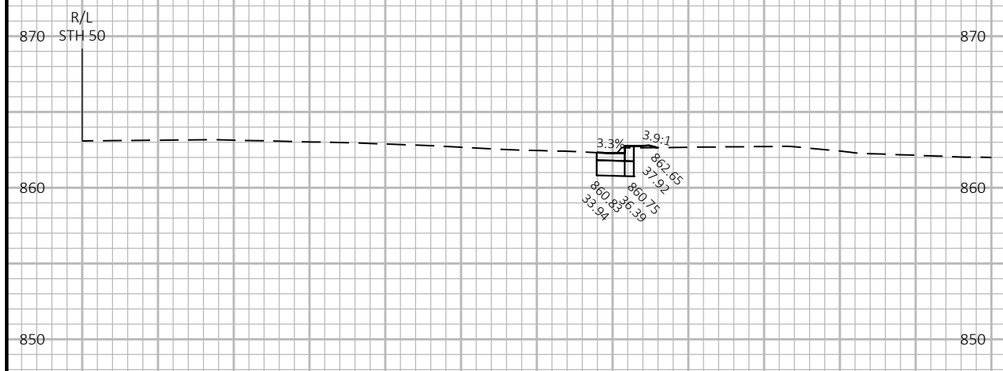
WISDOT/CADDS SHEET 49

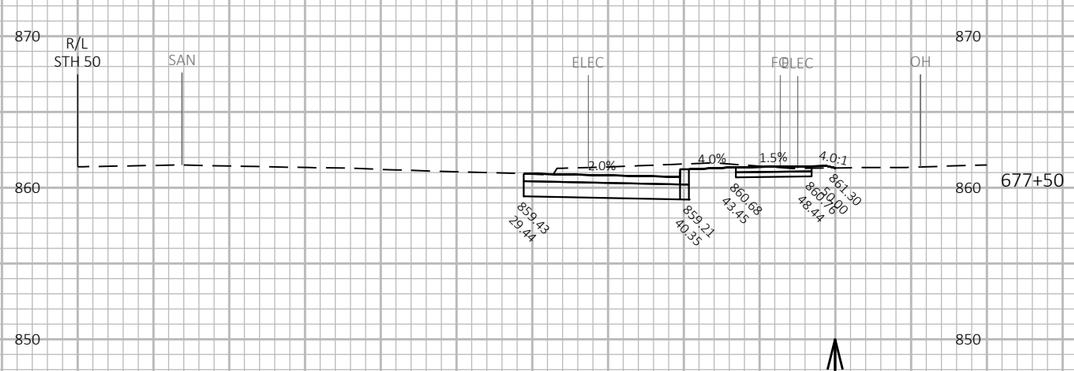












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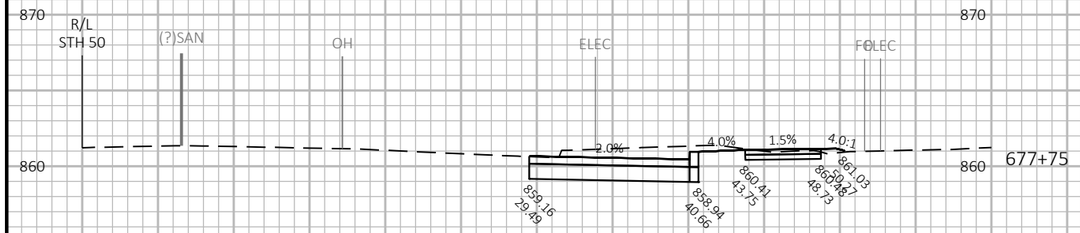
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 3A TEMPORARY WIDENING	SHEET 980	E

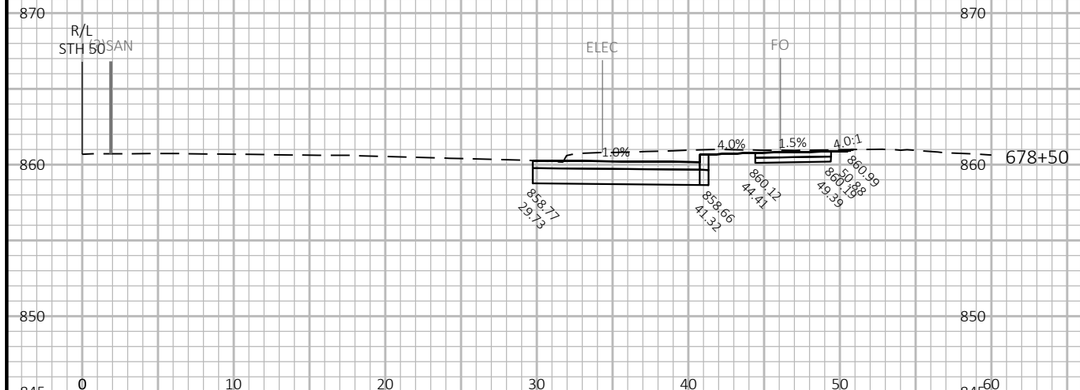
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090211-XS_STAGE 3A WIDENING.DWG
LAYOUT NAME - 01-xs-S3A TP

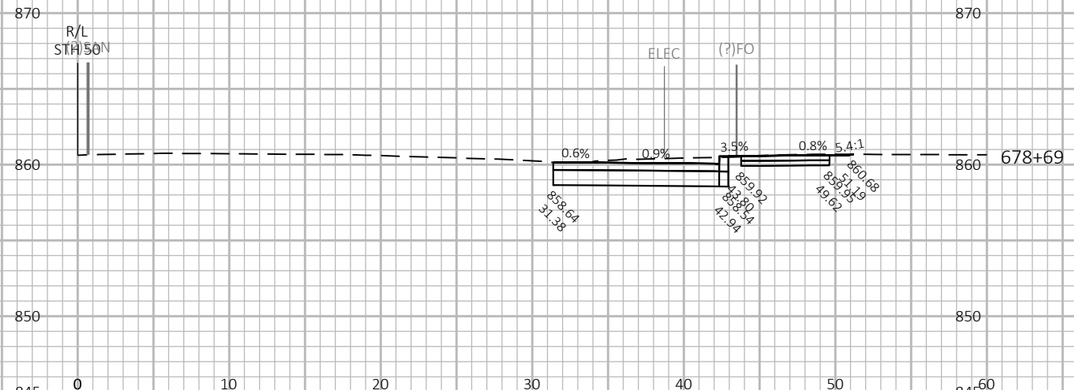
PLOT DATE : 7/31/2026 11:45 PM PLOT BY : VALBON LATIFI PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

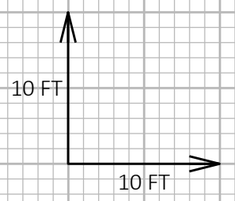
WISDOT/CADDS SHEET 49











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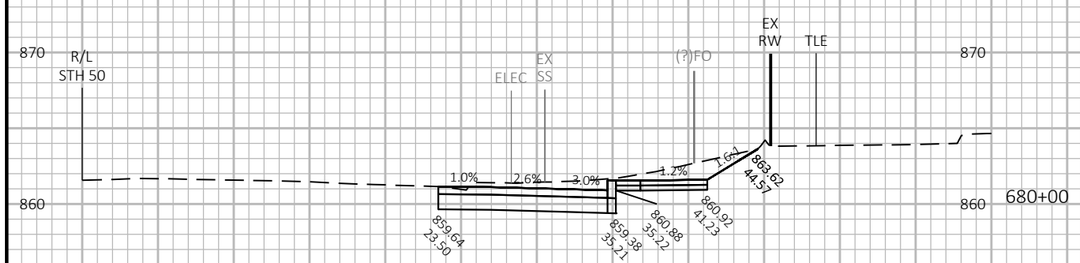
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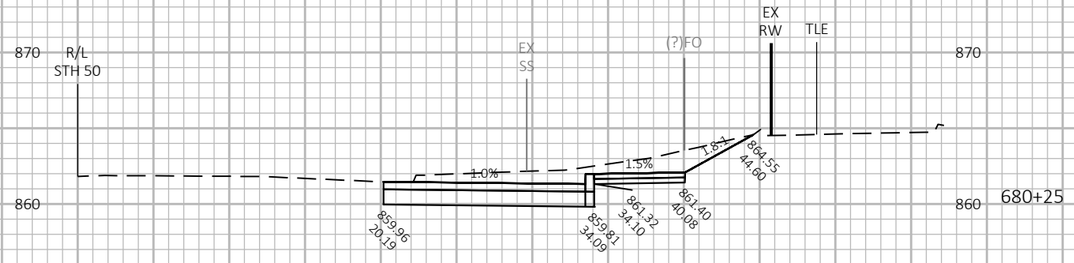
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 3A TEMPORARY WIDENING	SHEET 981	E

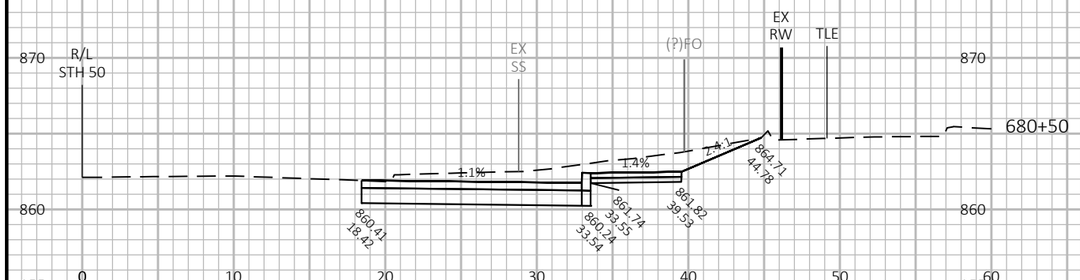
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090211-XS_STAGE 3A WIDENING.DWG
LAYOUT NAME - 02-xs-S3A TP

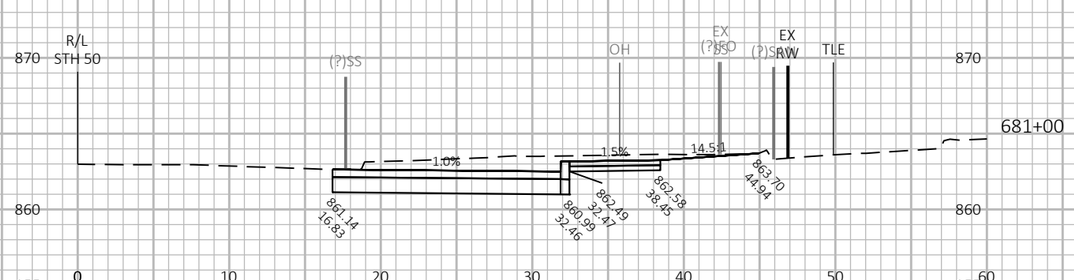
PLOT DATE : 7/31/2026 11:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

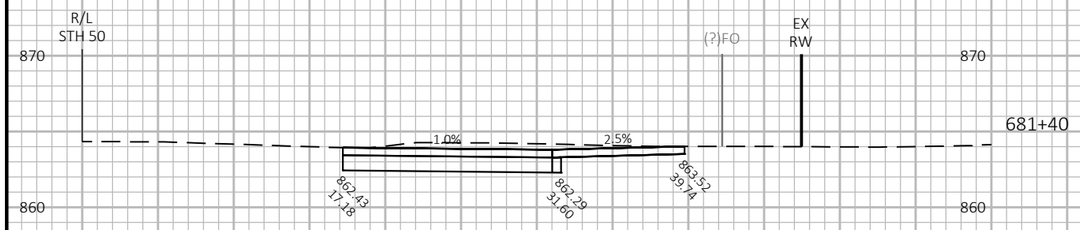
WISDOT/CADDS SHEET 49

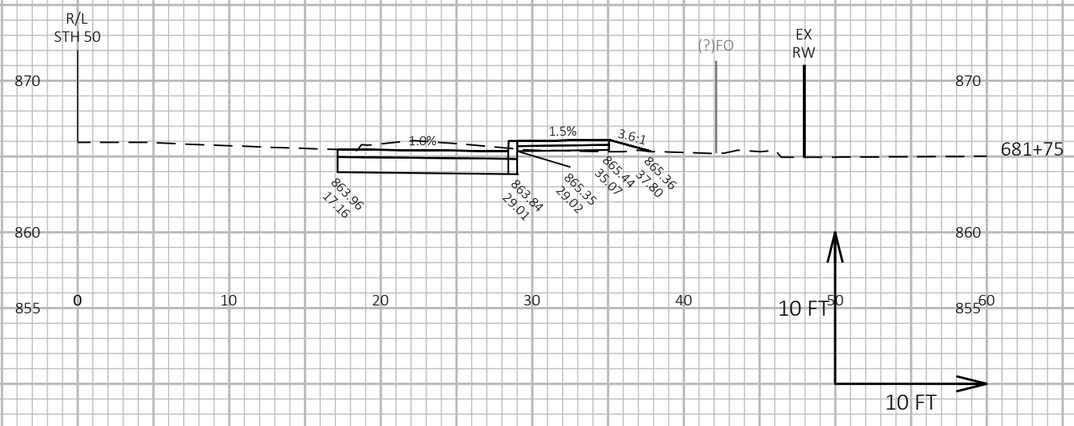












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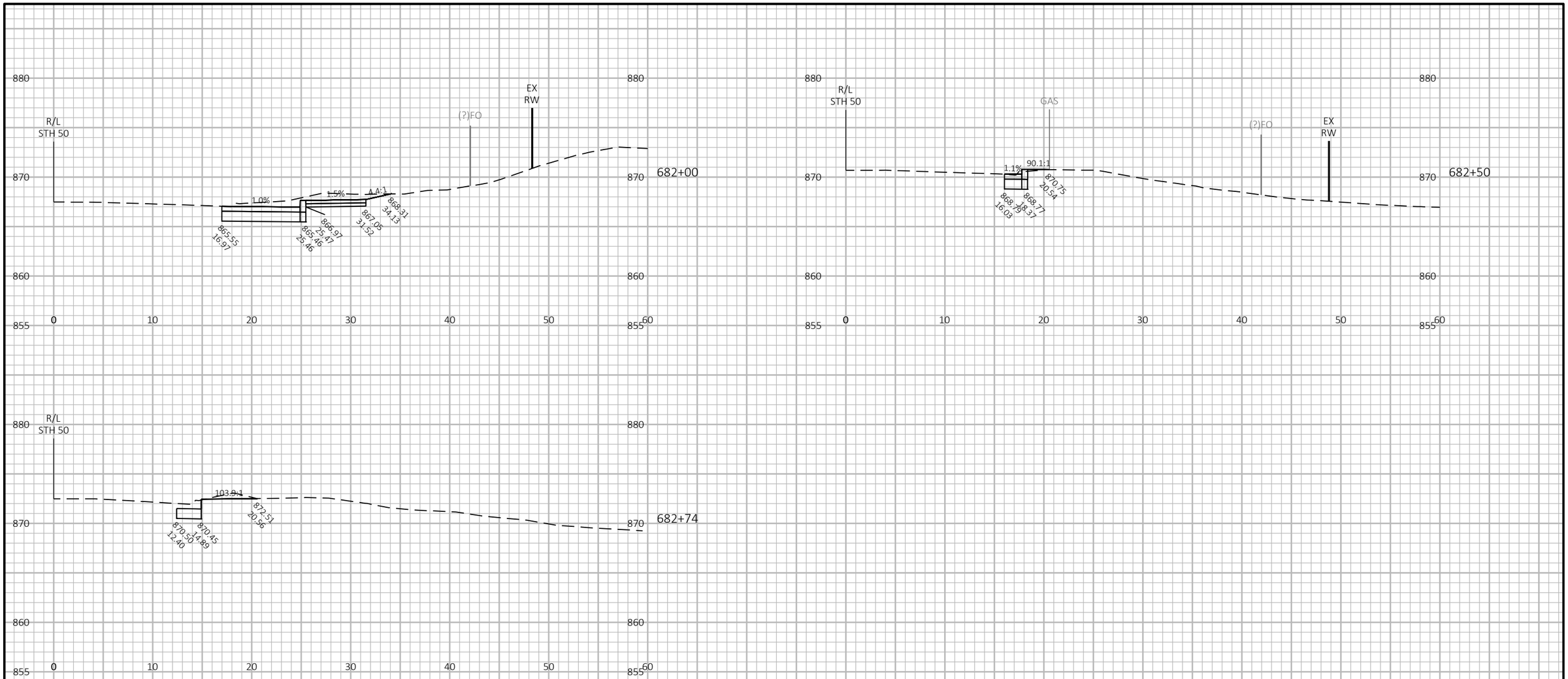
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PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 3A TEMPORARY WIDENING	SHEET 982	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090211-XS_STAGE 3A WIDENING.DWG
LAYOUT NAME - 03-xs-S3A TP

PLOT DATE : 7/31/2026 11:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

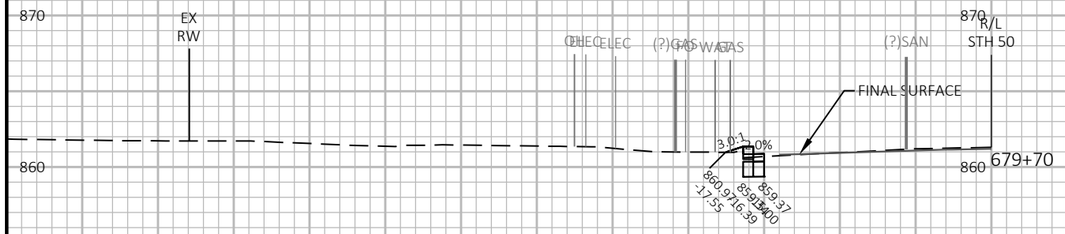
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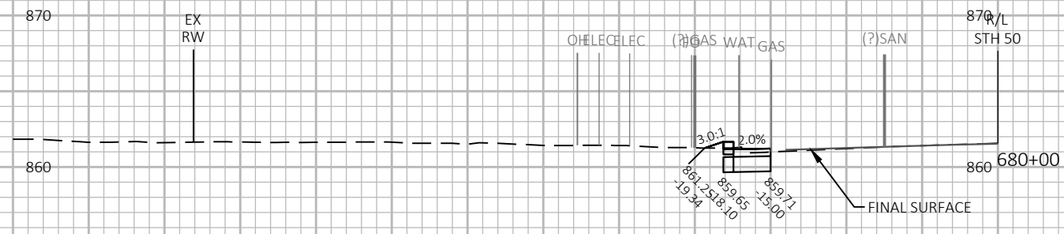
PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 3A TEMPORARY WIDENING	SHEET 983	E

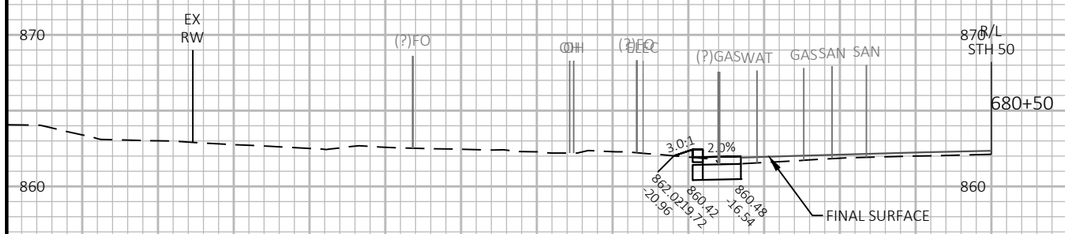
FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090211-XS_STAGE 3A WIDENING.DWG
LAYOUT NAME - 04-xs-S3A TP

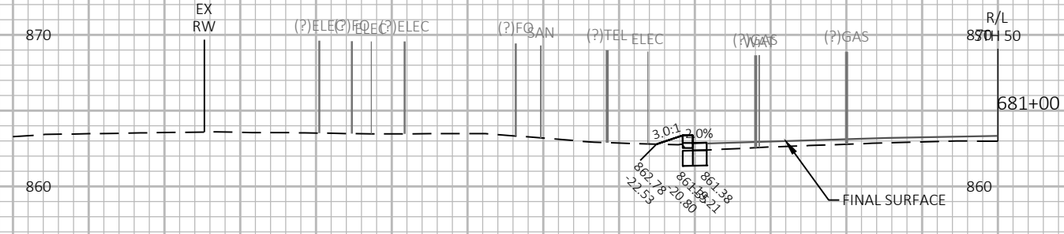
PLOT DATE : 7/31/2026 11:45 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

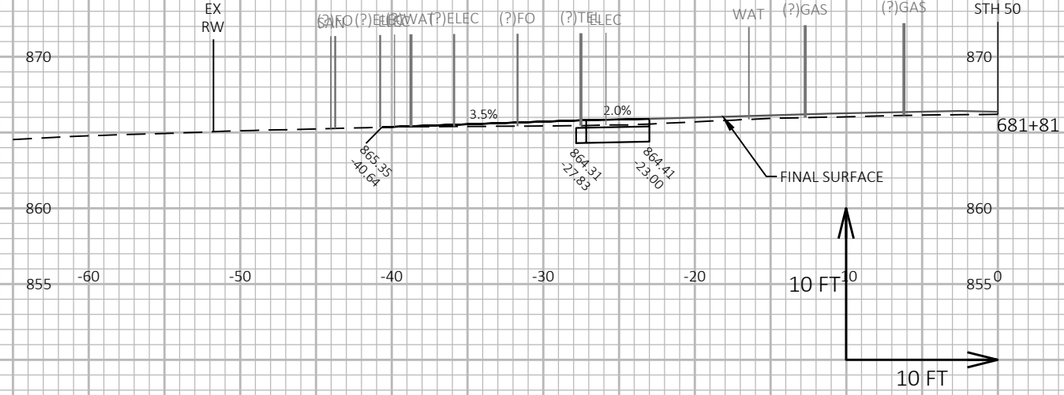












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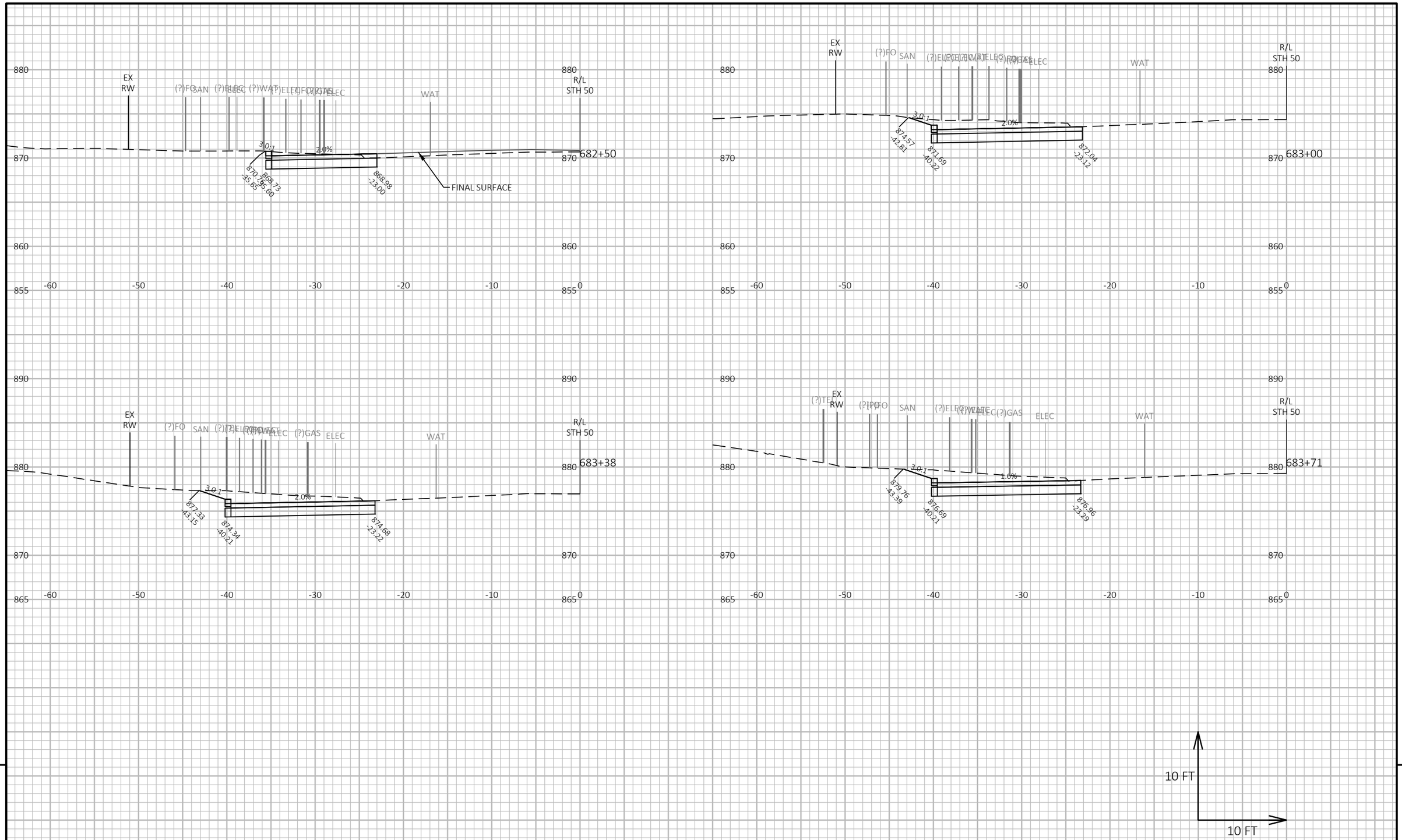
9

PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 4A TEMPORARY WIDENING	SHEET 984	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090212-XS_STAGE 4A WIDENING.DWG
LAYOUT NAME - 01-xs-S4A TP

PLOT DATE : 7/31/2026 11:50 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

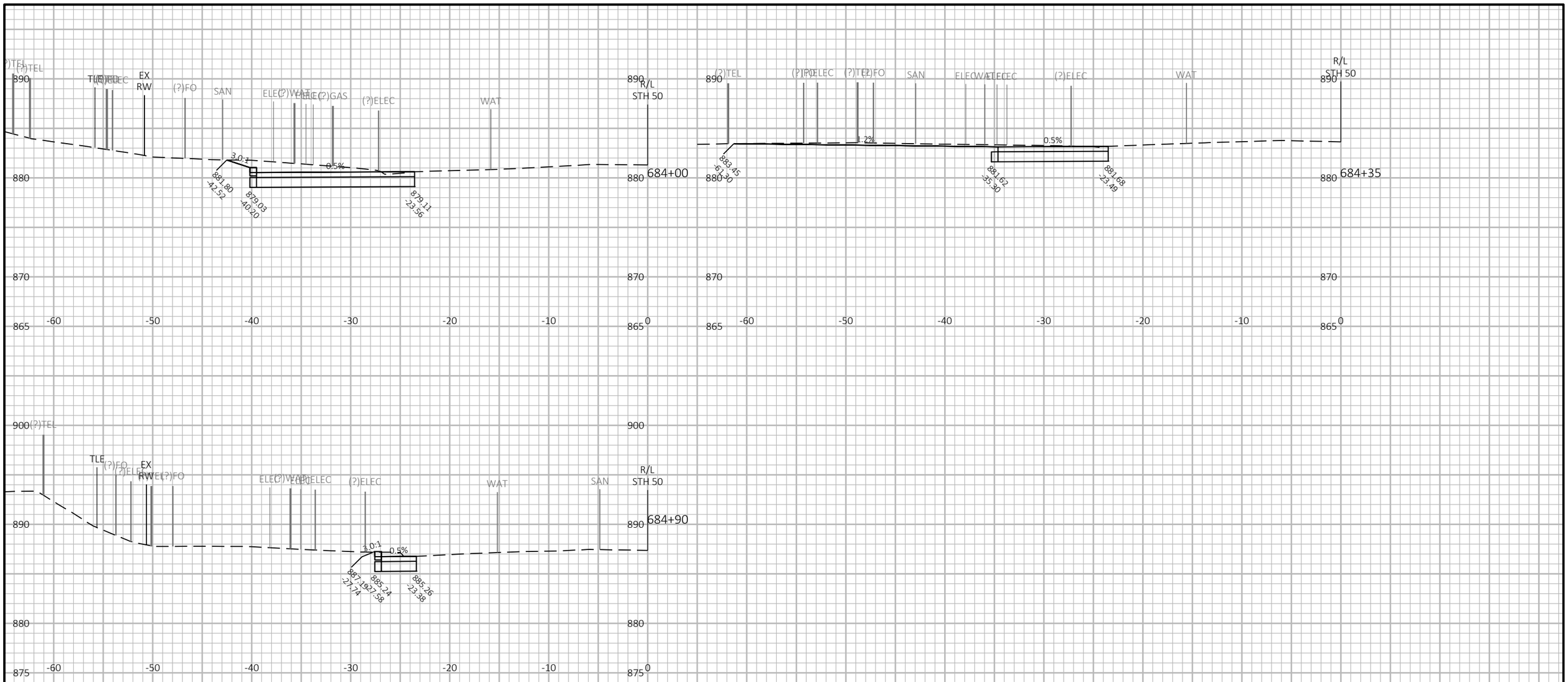


PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 4A TEMPORARY WIDENING	SHEET 985	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090212-XS_STAGE 4A WIDENING.DWG
LAYOUT NAME - 02-xs-S4A TP

PLOT DATE : 7/31/2026 11:50 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 3170-09-70/71/81	HWY: STH 50	COUNTY: WALWORTH	CROSS SECTIONS: STH 50 - STAGE 4A TEMPORARY WIDENING	SHEET 986	E

FILE NAME : X:\BM1-3943 STH 50 LAKE GENEVA\05_DESIGN\03_ROADS\31700900\SHEETSPLAN\090212-XS_STAGE 4A WIDENING.DWG
LAYOUT NAME - 03-xs-S4A TP

PLOT DATE : 7/31/2026 11:50 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

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through innovation and exceptional service.

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