MAD

PROJECT ID: 1706-06-71

WITH: 5330-02-73

COUNTY: GRANT

MARCH 2025

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 = 348



02

N

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1706-06-71	WISC 2025357	1
5330-02-73	WISC 2025361	

DUBUQUE - SHULLSBURG

V HAZEL GREEN W LIMIT TO V N LIMIT

STH 11

GRANT COUNTY

STATE PROJECT NUMBER
1706-06-71

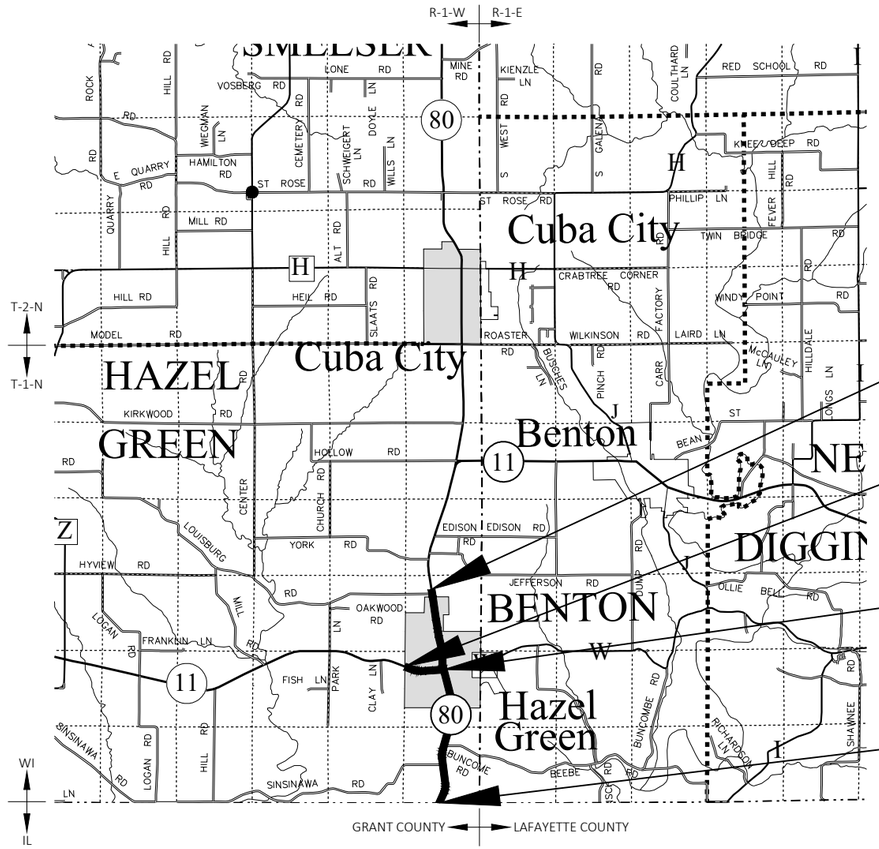
HAZEL GREEN - PLATTEVILLE

ILLINOIS STATE LINE TO STH 11

STH 80

GRANT COUNTY

STATE PROJECT NUMBER
5330-02-73



LAYOUT

SCALE 0 2 MI

NET LENGTH OF CENTERLINE 1706-06-71= 1.652 MILES

NET LENGTH OF CENTERLINE 5330-02-73= 1.790 MILES

TOTAL NET LENGTH OF CENTERLINE = 3.442 MILES

END PROJECT 1706-06-71
STA 259+33.81

BEGIN PROJECT 1706-06-71
STA 471+52.05'J'
X=890688.341
Y=409054.748

END PROJECT 5330-02-73
STA 197+00.00

BEGIN PROJECT 5330-02-73
STA 102+49.39
X=892868.044
Y=399706.591

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS)GRANT COUNTY 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.

DESIGN DESIGNATION 1706-06-01 & 5330-02-03

A.A.D.T.	2016	=	5190
A.A.D.T.	2045	=	6280
D.H.V.		=	684
D.D.		=	60/40
T.		=	20.2%
DESIGN SPEED		=	30-60 MPH
ESALS		=	1,100,000 (RURAL) - 1,700,000 (URBAN)

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

ORIGINAL PLANS PREPARED BY

JT ENGINEERING

WISCONSIN BRADLEY R. GROH E-41411 MADISON WI PROFESSIONAL ENGINEER

DATE: 3/28/2024 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JT ENGINEERING, INC,
Designer	BRADLEY R. GROH, PE
Project Manager	DEREK POTTER, PE
Regional Examiner	SW REGION
Regional Supervisor	CHAD SCHROEDER, PE

APPROVED FOR THE DEPARTMENT

DATE: 10/3/24 (Signature)

E

2

GENERAL NOTES

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

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING, OR PARKING LANE.

TACK COAT APPLICATION RATES ARE BASED ON 0.07 GAL/SY ON MILLED SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

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

THE EXACT LOCATIONS OF DRIVEWAYS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL DRIVEWAYS ARE TO BE REPLACED IN KIND UNLESS OTHERWISE DIRECTED IN THE PLANS BY THE ENGINEER. BASE AGGREGATE DENSE 3/4-INCH SHALL BE USED FOR GRAVEL DRIVEWAYS.

CURB AND GUTTER GRADES ARE GIVEN AT THE FLANGE. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE LINE.

INLETS SHALL BE PROTECTED AS NECESSARY TO PREVENT CONSTRUCTION MATERIALS FROM FALLING INTO THE INLETS.

EROSION CONTROL ITEMS IN THE MISCELLANEOUS QUANTITIES ARE SUGGESTED. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. PROTECT WETLANDS AND OTHER WATERWAYS THAT ARE PRESENT WITHIN THE PROJECT LIMITS.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

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.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS.

STORAGE OF ANY EQUIPMENT OR MATERIAL WILL NOT BE PERMITTED IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS, OR WATERWAYS.

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 STRIP-TURF	.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 SLOPE-TURF			.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 = 38.86 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES =1.56

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

HMA PAVEMENT TABLE				
HMA THICKNESS	LOWER LAYER MIX TYPE	LOWER LAYER THICKNESS	UPPER LAYER MIX TYPE	UPPER LAYER THICKNESS
3.5 IN	4 MT 58-28 S	1.75 IN	4 MT 58-28 S	1.75 IN
4.5 IN	3 MT 58-28 S	2.50 IN	4 MT 58-28 S	2.00 IN
5 IN	3 MT 58-28 S	3.00 IN	4 MT 58-28 S	2.00 IN
6.25 IN	3 MT 58-28 S	4.00 IN	4 MT 58-28 S	2.25 IN

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
CURB RAMPS
EROSION CONTROL
PERMANENT SIGNING
LIGHTING PLAN
PAVEMENT MARKING
TRAFFIC CONTROL
ALIGNMENT DIAGRAM

ENVIRONMENTAL CONTACTS

WISCONSIN DNR
ANDY BARTA
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
PHONE: 608-235-2955
EMAIL: ANDREW.BARTA@WISCONSIN.GOV

DESIGN CONTACTS

WISDOT - SW REGION
DEREK POTTER, PE
2101 WRIGHT STREET
MADISON, WI 53704
PHONE: 608-246-3861
EMAIL: DEREK.POTTER@DOT.WI.GOV

JT ENGINEERING, INC.
BRAD GROH, PE
281 W NETHERWOOD RD, SUITE 1
OREGON, WI 53575
PHONE: 608-204-0909
EMAIL: BRADG@JT-ENGINEERING.COM

OTHER UTILITY CONTACTS

ALLIANT ENERGY - COMMUNICATION LINE
WP&L ROAD PLANS
4902 NORTH BILTMORE LANE
MADISON, WI 53718
PHONE: 608-458-3162
EMAIL: WPLROADPLANS@ALLIANTENERGY.COM
APPLICABLE PROJECT IDS: 1706-06-71

TRANS 220 UTILITY CONTACTS

ALLIANT ENERGY - ELECTRICITY
WP&L ROAD PLANS
4902 NORTH BILTMORE LANE
MADISON, WI 53718
PHONE: 608-458-3162
EMAIL: WPLROADPLANS@ALLIANTENERGY.COM
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

ALLIANT ENERGY - GAS/PETROLEUM
WP&L ROAD PLANS
4902 NORTH BILTMORE LANE
MADISON, WI 53718
PHONE: 608-458-3162
EMAIL: WPLROADPLANS@ALLIANTENERGY.COM
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

BRIGHTSPEED OF WESTERN WISCONSIN - COMMUNICATION LINE
KEVIN ZICKERT
224 INDUSTRIAL DRIVE
NORTH PRAIRIE, WI 53153
PHONE: 980-376-1502
EMAIL: RELOCATIONS@BRIGHTSPEED.COM
EMAIL: KEVIN.ZICKERT@BRIGHTSPEED.COM
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

COMELEC INTERNET SERVICES
KEITH BRIMERYER
41490 PENNSYLVANIA AVE
DUBUQUE, IA 52002
PHONE: 563-513-8984
EMAIL: KEITH@YOUSQ.NET
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

CUBA CITY TELEPHONE EXCHANGE COMPANY - COMMUNICATION
DEBBIE EGLI
P.O. BOX 762
CUBA CITY, WI 53807
PHONE: 563-345-9088
EMAIL: DEB@CSTECH.COM
APPLICABLE PROJECT IDS: 1706-06-71

MEDIACOM WISCONSIN LLC - COMMUNICATION LINE
CHRIS MINARD
6925 GARDEN PRAIRIE ROAD
GARDEN PRAIRIE, IL 61038
PHONE: 815-597-5103
EMAIL: CMINARD@MEDIACOMCC.COM
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

MID-AMERICA PIPELINE COMPANY- GAS/PETROLEUM
YAMEENA SIDDIQUI
9420 WEST SAM HOUSTON PARKWAY NORTH
HOUSTON, TX 77064
PHONE: 281-887-3345
EMAIL: YSIDDIQUI@EPROD.COM
APPLICABLE PROJECT IDS: 5330-02-73

SCENIC RIVERS ENERGY COOPERATIVE - ELECTRICITY
CHAD OLMSTEAD
231 N SHERIDAN ST
LANCASTER, WI 53813
PHONE: 608-723-2121
EMAIL: COLMSTEAD@SREC.NET
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

VILLAGE OF HAZEL GREEN - ELECTRICITY
JOHN BERNING
1610 FAIRPLAY P.O. BOX 367
HAZEL GREEN, WI 53811
PHONE: 608-854-2953
EMAIL: DPW@VI.HAZELGREEN.WI.GOV
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

VILLAGE OF HAZEL GREEN - WATER & SEWER
JOHN BERNING
1610 FAIRPLAY ST P.O. BOX 367
HAZEL GREEN, WI 53811
PHONE: 608-854-2953
EMAIL: DPW@VI.HAZELGREEN.WI.GOV
APPLICABLE PROJECT IDS: 5330-02-73, 1706-06-71

GENERAL NOTES (CONTINUED)

SOIL BORING

BORING	Y	X	ELEVATION	STATION	OFFSET	GWT	Qp (TSF)	B COUNT	ASPHALT (IN)	B Course (IN)
1706-06-71										
BORE/BH7	409200.388	893085.411	956.872	200+30.5	8.6 RT	DRY	2.75	25	7.25	28
BORE/BH8	409738.973	893072.4	951.552	205+75.8	12.0 RT	DRY	2.1	10	7.75	18
BORE/BH9	410695.424	892938.082	962.515	215+49.9	9.7 LT	DRY		11	8.25	17
BORE/BH10	411900.056	892721.068	962.981	227+75.7	11.4 RT	DRY	2.1	24	7.25	24
BORE/BH11	412884.189	892541.871	978.04	237+75.6	17.0 RT	DRY	1.25	8	8.25	20
BORE/BH12	414016.458	892402.684	966.761	249+15.9	16.7 RT	DRY	4.25	13	4	18
BORE/BH13	414233.724	892395.149	965.929	251+31.8	42.1 RT	DRY	1.4	2		
BORE/BHS1	408952.441	893161.168	958.532	197+70.4	16.8 RT	DRY	1.3	17	6	18
BORE/BHS2	408915.863	893108.731	958.766	496+02.3	38.9 RT	DRY	1.8	8		
BORE/BHS3	408995.297	893079.272	957.551	495+79.2	42.6 LT	DRY	0.75	6	3	11
BORE/BHS4	408953.313	893121.132	958.031	197+82.3	22.5 LT	DRY		34	4.74	18.5
BORE/BHF1	408954.176	892994.44	955.138	494+91.4	8.3 LT	DRY		33	7.25	24
BORE/BHF2	408903.454	892545.783	949.604	490+40.3	12.0 RT	DRY		24	6.25	24
BORE/BHF3	408896.586	892045.03	945.306	485+40.2	14.5 LT	DRY		25	6.25	39
5330-02-73										
BORE/BH1	408531.272	893256.793	949.628	198+39.2	7.5 LT	DRY		18	6.25	25
BORE/BH2	408151.726	893382.286	936.5	189+39.9	8.9 RT	DRY	3.4	7	8.25	18
BORE/BH3	407017.674	893644.074	931.737	177+76.3	10.6 LT	DRY		16	7.25	15
BORE/BH4	405735.044	893776.356	939.327	164+74.8	14.3 RT	DRY	4.5	22	5.25	26
BORE/BH5	404300.101	893336.561	916.438	149+75.0	14.5 LT	DRY	3.9	9	3.5	16
BORE/BH6	403134.962	893056.37	933.34	137+74.2	13.6 RT	DRY	2.5	8	6.75	17

2



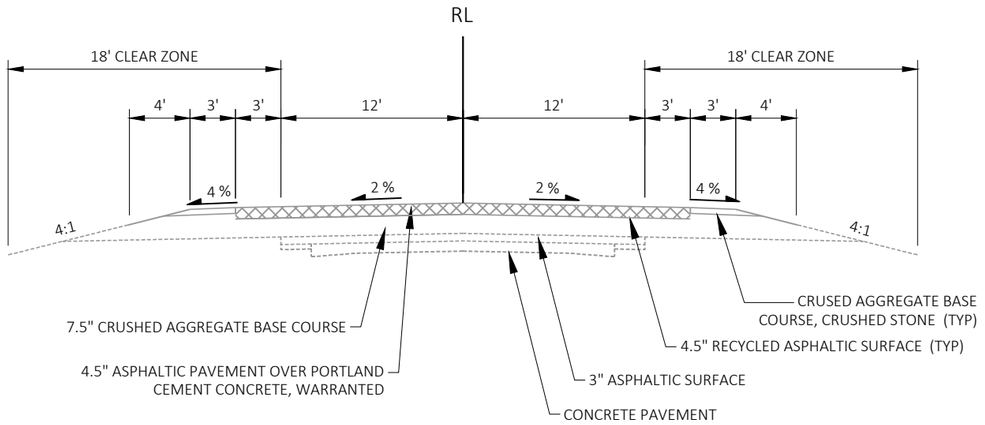
PROJECT NO: 5330-02-73	HWY: STH 80	COUNTY: GRANT	PROJECT OVERVIEW	SHEET 4	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 01

PLOT DATE : 8/30/2024 3:24 PM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:600 FT

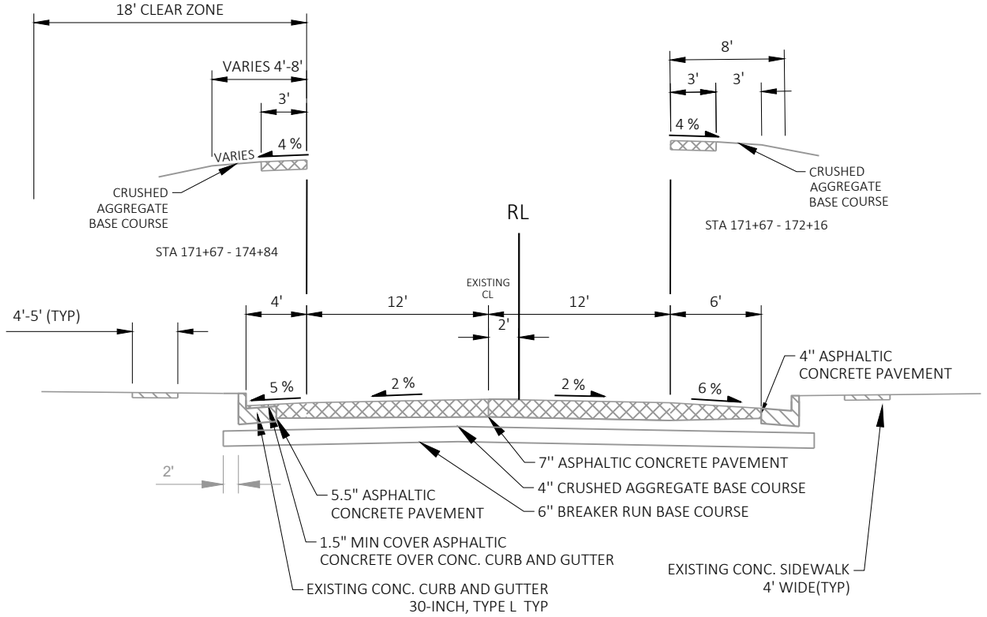


PROJECT NO: 1706-06-71	HWY: STH 11	COUNTY: GRANT	PROJECT OVERVIEW	SHEET 5	E



EXISTING TYPICAL SECTION

STA 102+50 - 171+67
STH 80

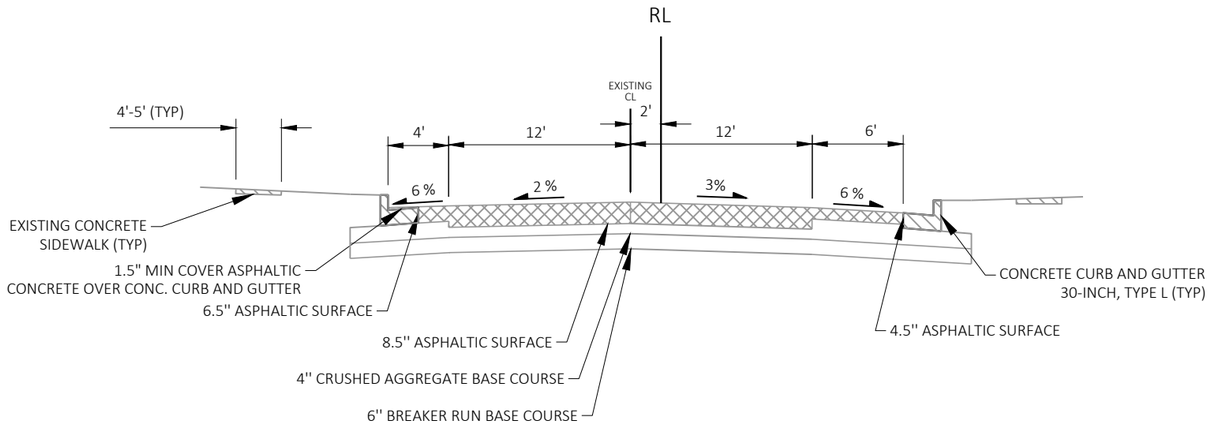


EXISTING TYPICAL SECTION

STA 171+67 - 197+67
STH 80

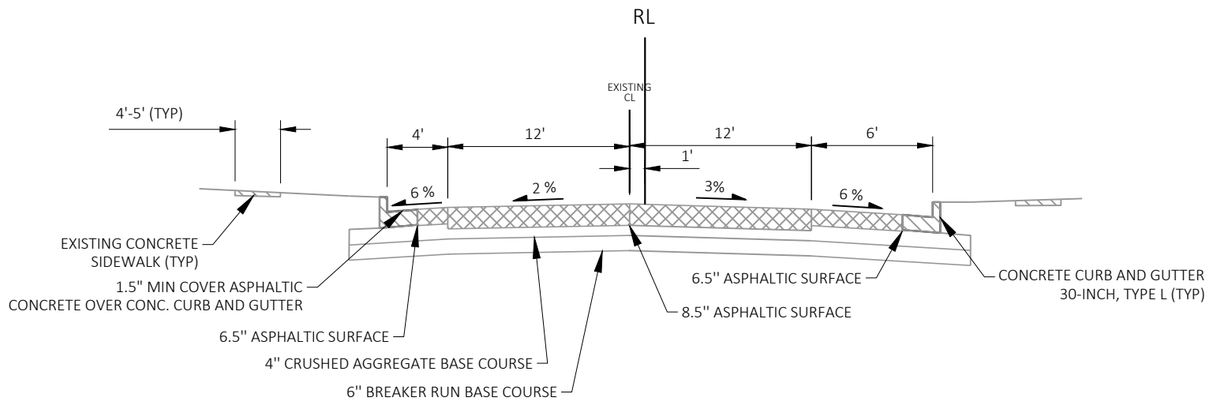
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TYPICAL SECTIONS	SHEET 6	E

2



EXISTING TYPICAL SECTION

STA 197+67 - 205+62
STA 208+80 - 224+78
STH 11/80

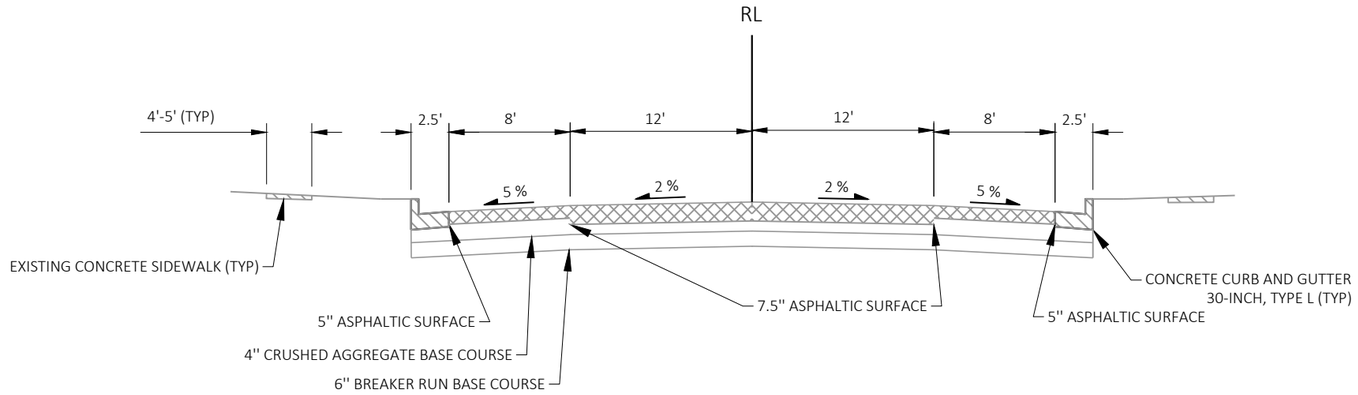


EXISTING TYPICAL SECTION

STA 205+62 - 208+80
STH 11/80

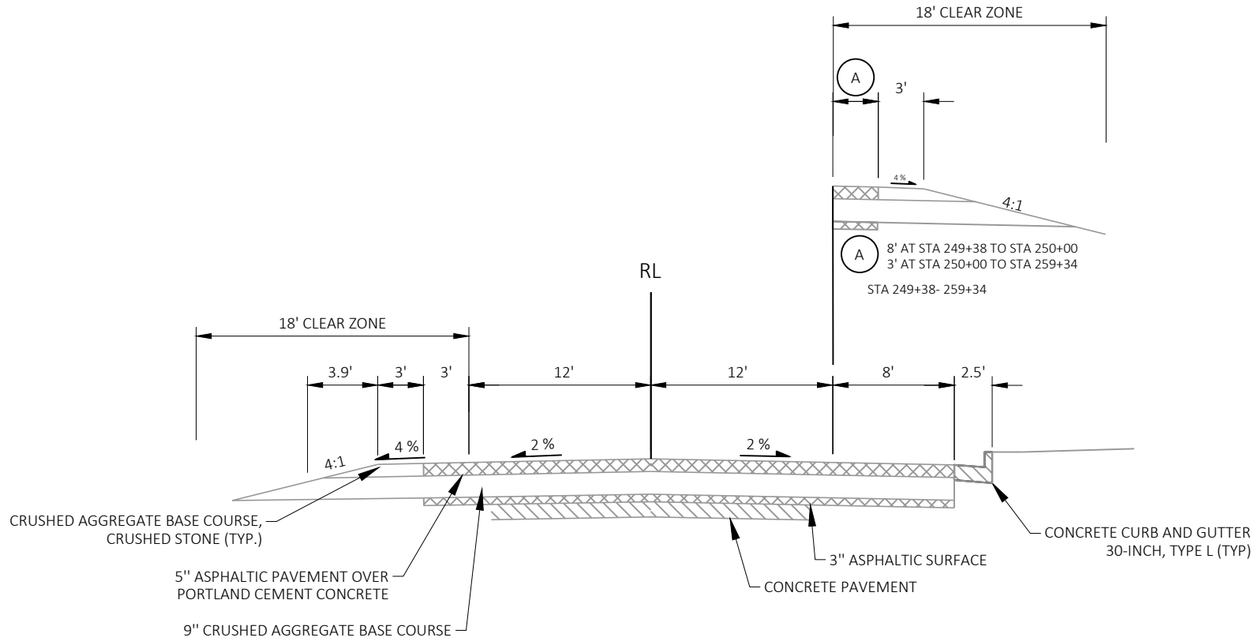
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TYPICAL SECTIONS	SHEET 7	E

2



EXISTING TYPICAL SECTION

STA 224+78 - 239+85
STH 11/80

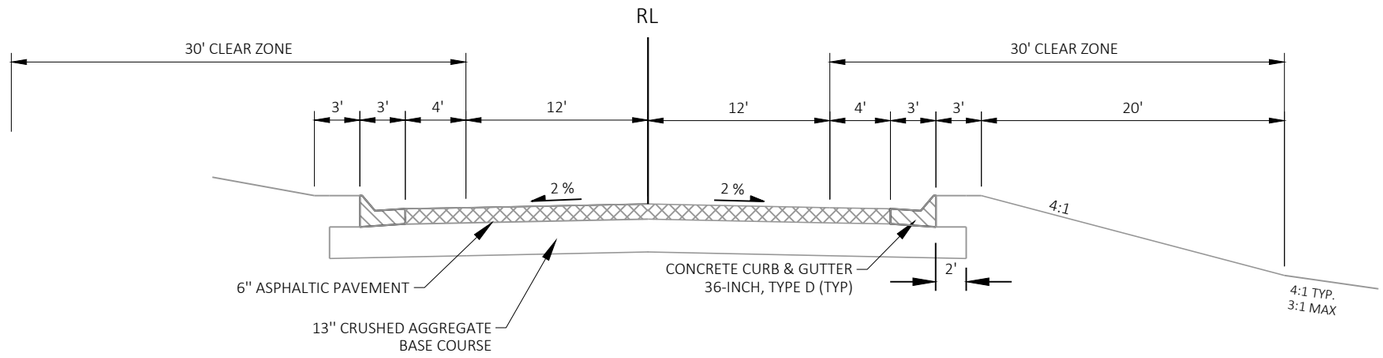


EXISTING TYPICAL SECTION

STA 239+85 - 259+34
STH 11/80

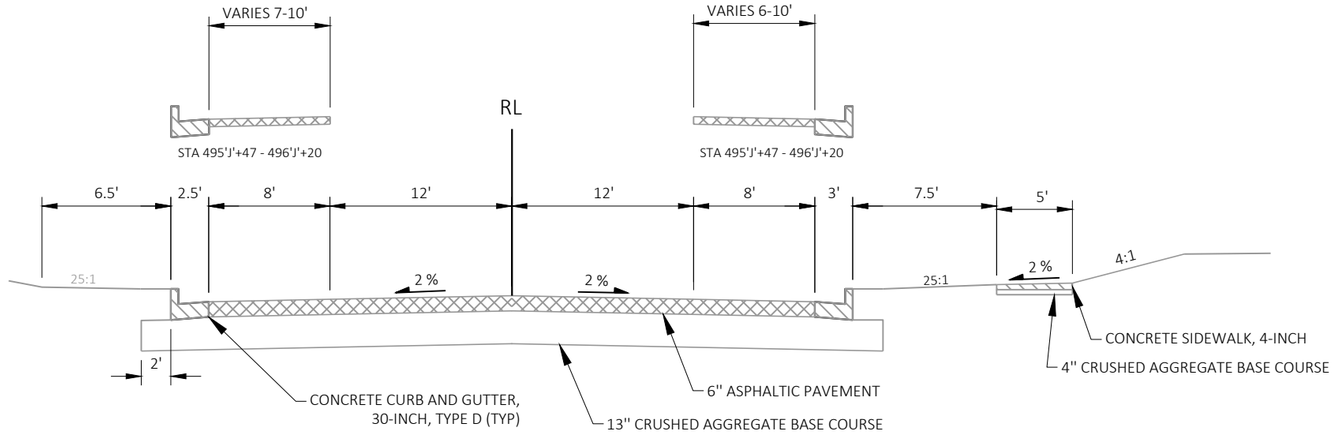
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2



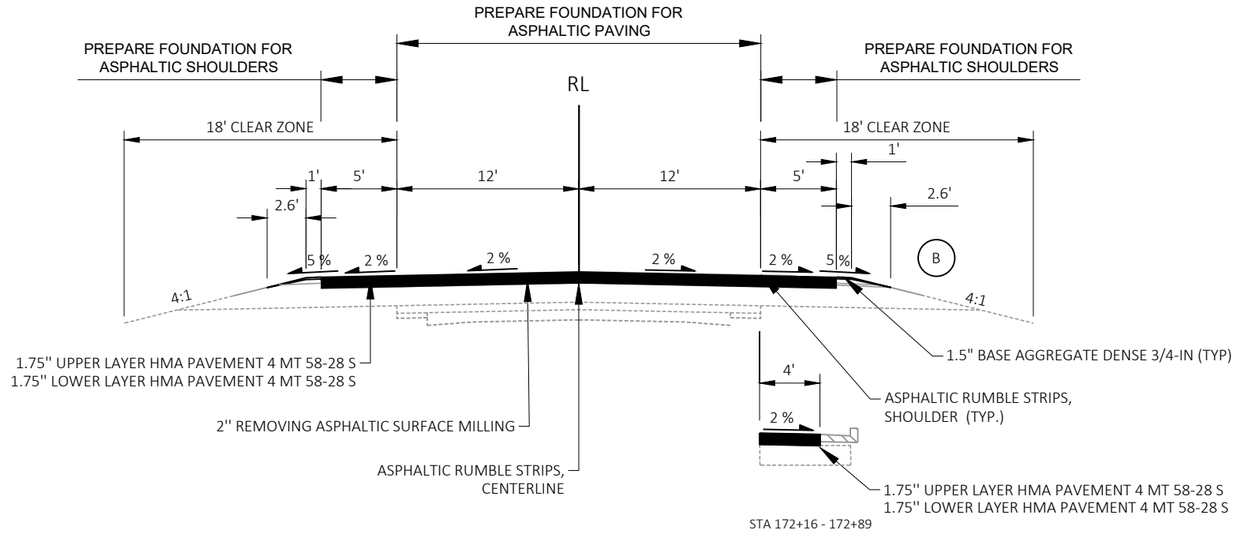
EXISTING TYPICAL SECTION

STA 471'J'+52 - 486'J'+75
STH 11



EXISTING TYPICAL SECTION

STA 486'J'+75 - 496'J'+20
STH 11

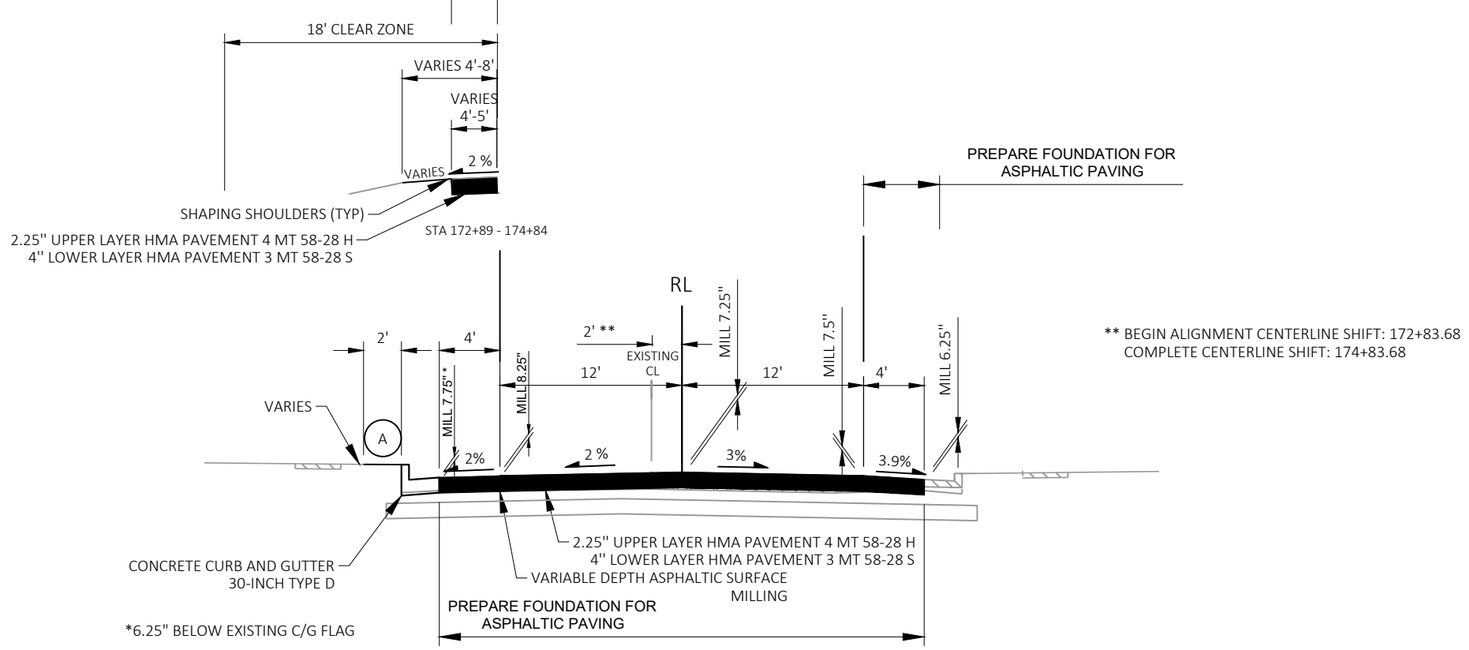


FINISHED TYPICAL SECTION

STA102+50 - 172+89
STH 80

A SEEDING MIXTURE NO. 40, EROSION MAT URBAN CLASS I TYPE A AND TOPSOIL

B SEEDING MIXTURE NO. 10, EROSION MAT CLASS I TYPE A AND TOPSOIL



FINISHED TYPICAL SECTION

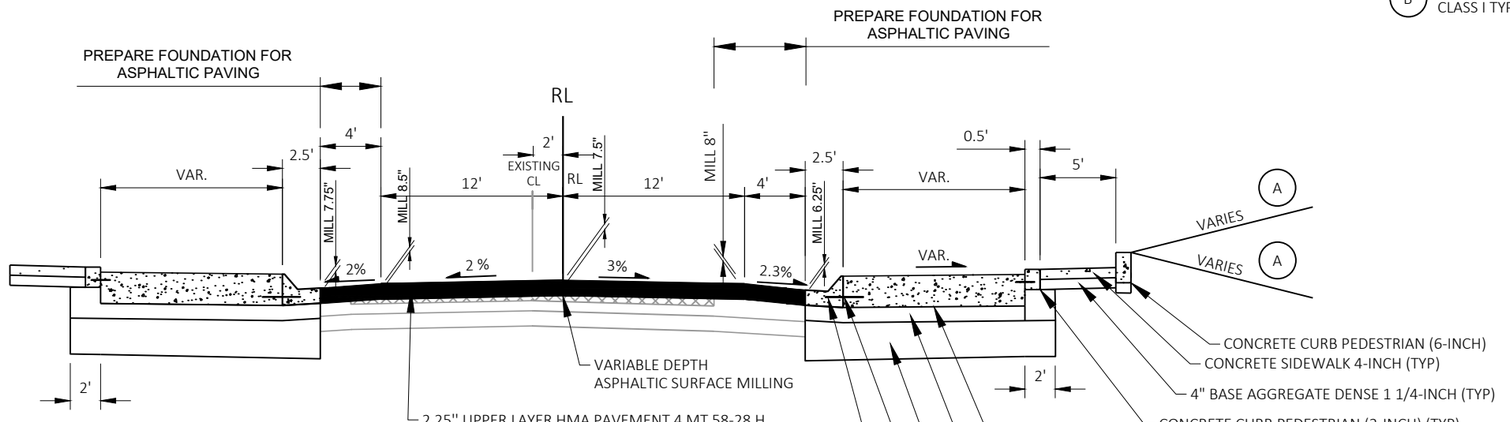
STA 172+89 - 197+00
STH 80

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TYPICAL SECTIONS	SHEET 10	E

2

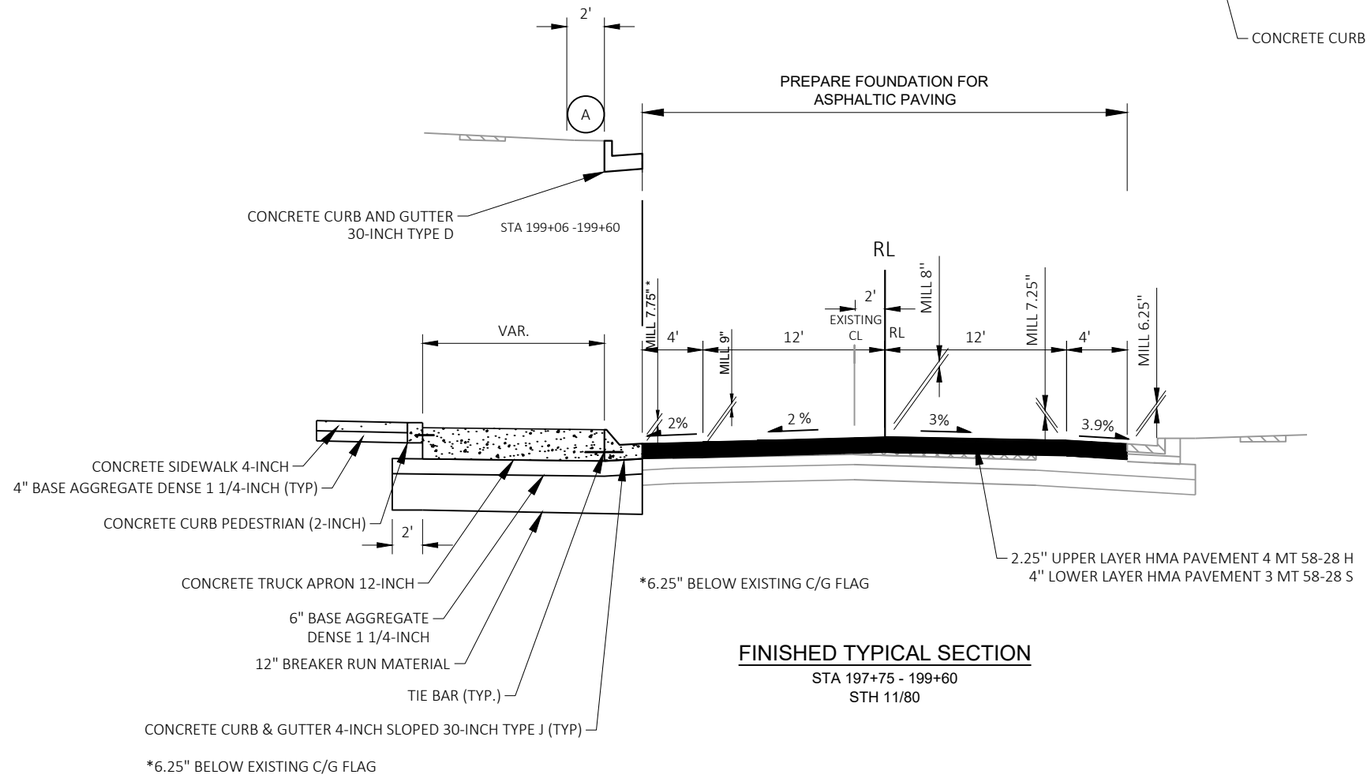
(A) SEEDING MIXTURE NO. 40, EROSION MAT URBAN CLASS I TYPE A AND TOPSOIL

(B) SEEDING MIXTURE NO. 10, EROSION MAT CLASS I TYPE A AND TOPSOIL



FINISHED TYPICAL SECTION

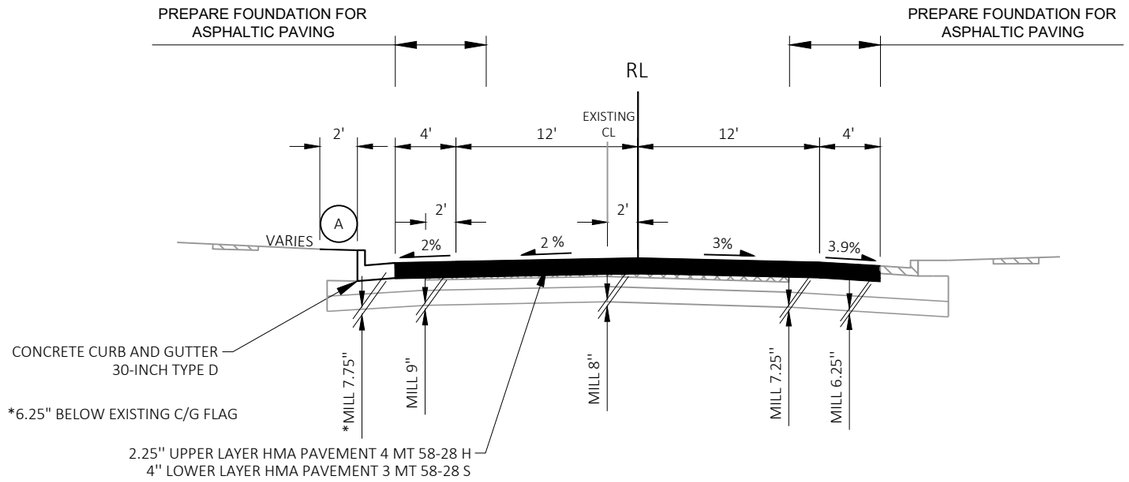
STA 197+00 - 197+75
STH 11/80



FINISHED TYPICAL SECTION

STA 197+75 - 199+60
STH 11/80

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TYPICAL SECTIONS	SHEET 11	E



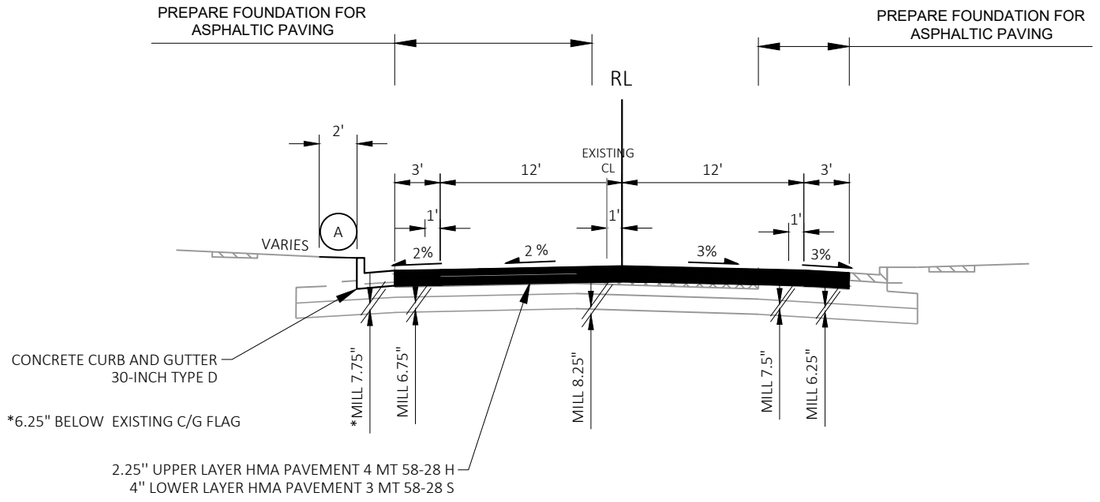
FINISHED TYPICAL SECTION

STA 199+60 - 205+30
STA 208+80 - 224+78
STH 11/80

A SEEDING MIXTURE NO. 40, EROSION MAT URBAN CLASS I TYPE A AND TOPSOIL

B SEEDING MIXTURE NO. 10, EROSION MAT CLASS I TYPE A AND TOPSOIL

2



FINISHED TYPICAL SECTION

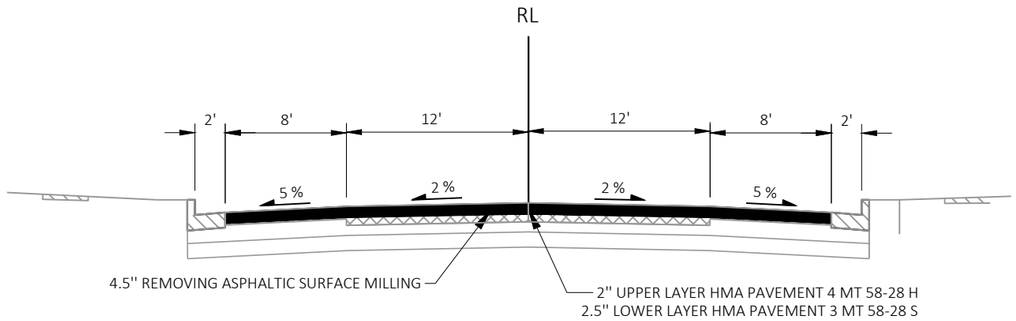
STA 205+30 - 208+80
STH 11/80

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TYPICAL SECTIONS	SHEET 12	E

2

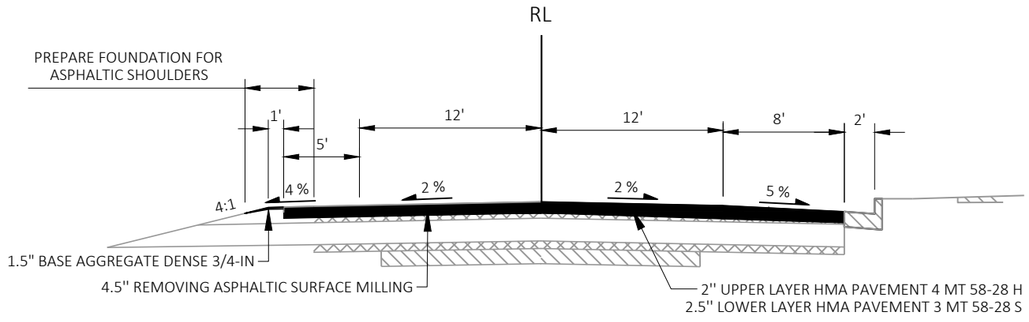
A SEEDING MIXTURE NO. 40, EROSION MAT URBAN CLASS I TYPE A AND TOPSOIL

B SEEDING MIXTURE NO. 10, EROSION MAT CLASS I TYPE A AND TOPSOIL



FINISHED TYPICAL SECTION

STA 224+78 - 239+85
STH 11/80



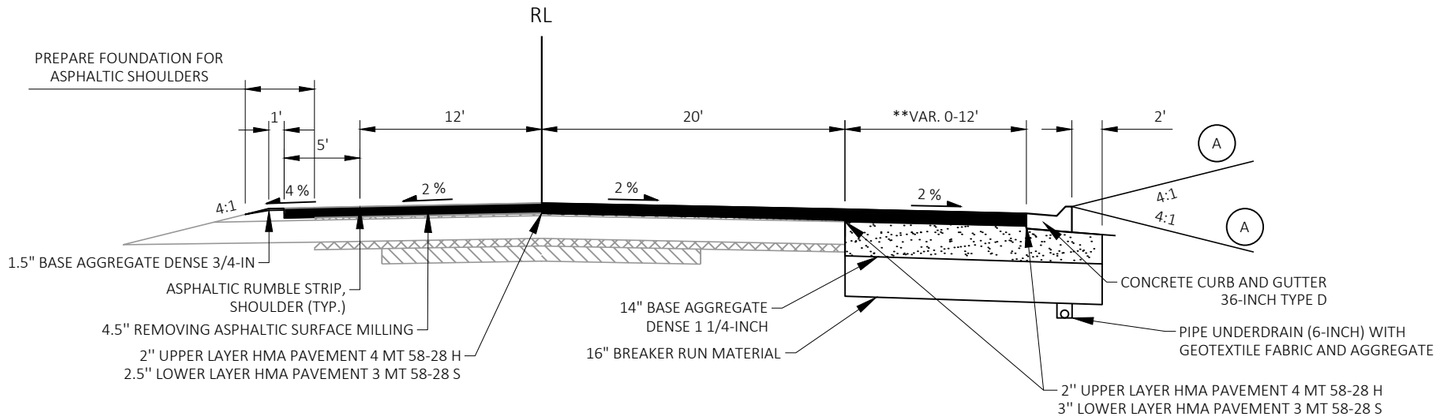
FINISHED TYPICAL SECTION

STA 239+85 - 244+70
STH 11/80

2

A SEEDING MIXTURE NO. 40, EROSION MAT URBAN CLASS I TYPE A AND TOPSOIL

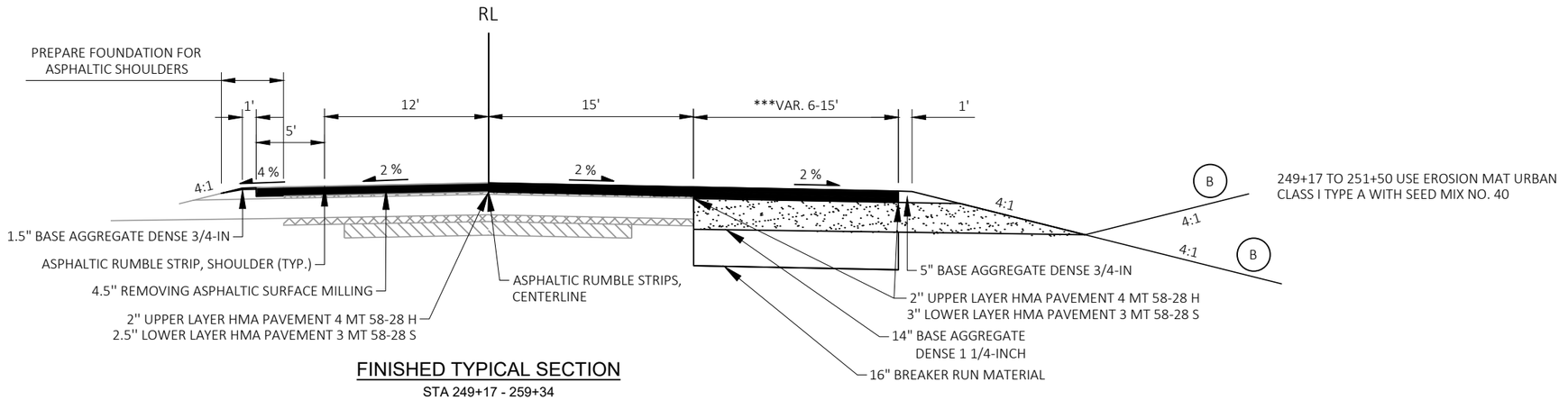
B SEEDING MIXTURE NO. 10, EROSION MAT CLASS I TYPE A AND TOPSOIL



FINISHED TYPICAL SECTION

STA 244+70 - 249+17
STH 11/80

**
FULL CONSTRUCTION VARIES 0-12' FROM STA 245+07 TO 247+91
FULL CONSTRUCTION 12' FROM STA 247+91 TO 249+17



FINISHED TYPICAL SECTION

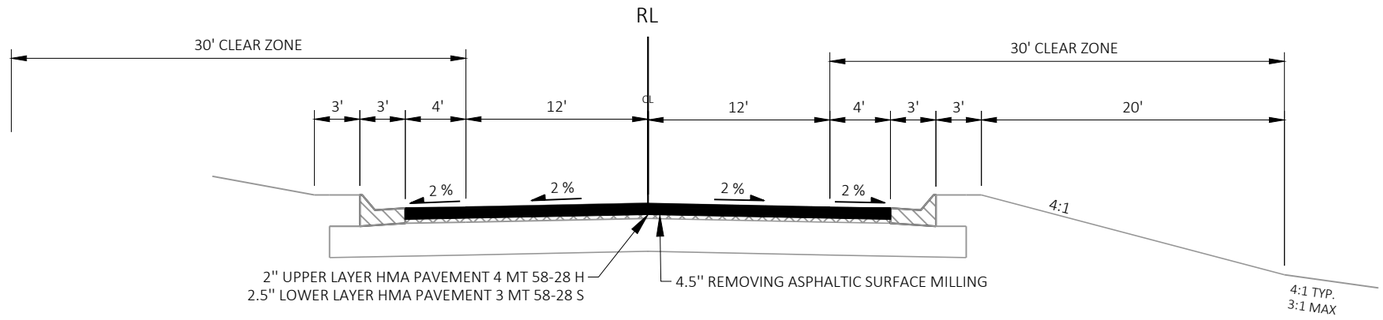
STA 249+17 - 259+34
STH 11/80

***
FULL CONSTRUCTION VARIES 12-15' FROM STA 249+17 TO 249+97
FULL CONSTRUCTION 15' FROM STA 249+97 TO 251+89
FULL CONSTRUCTION VARIES 15-6' FROM STA 251+89 TO 257+73
17' MILL AND OVERLAY 257+73 TO 259+34

2

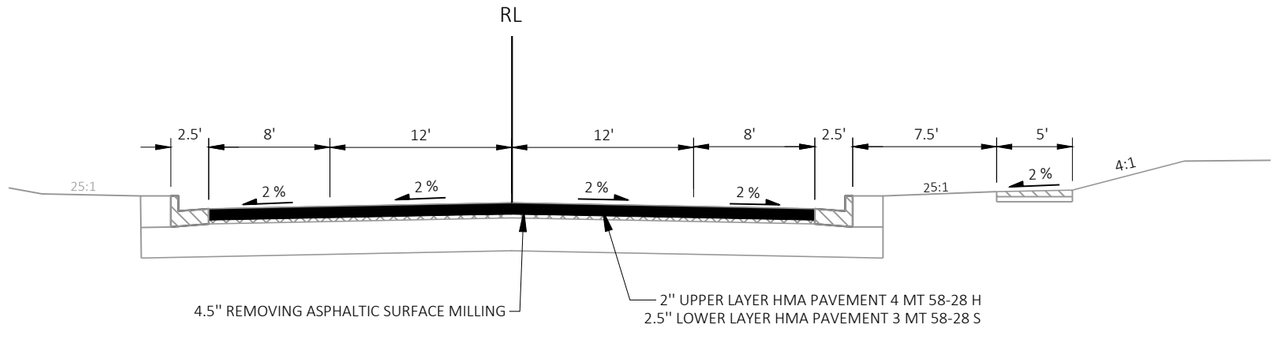
A SEEDING MIXTURE NO. 40, EROSION MAT URBAN CLASS I TYPE A AND TOPSOIL

B SEEDING MIXTURE NO. 10, EROSION MAT CLASS I TYPE A AND TOPSOIL



FINISHED TYPICAL SECTION

STA 471'J'+52 - 486'J'+75
STH 11



FINISHED TYPICAL SECTION

STA 486'J'+75 - 495'J'+47
STH 11

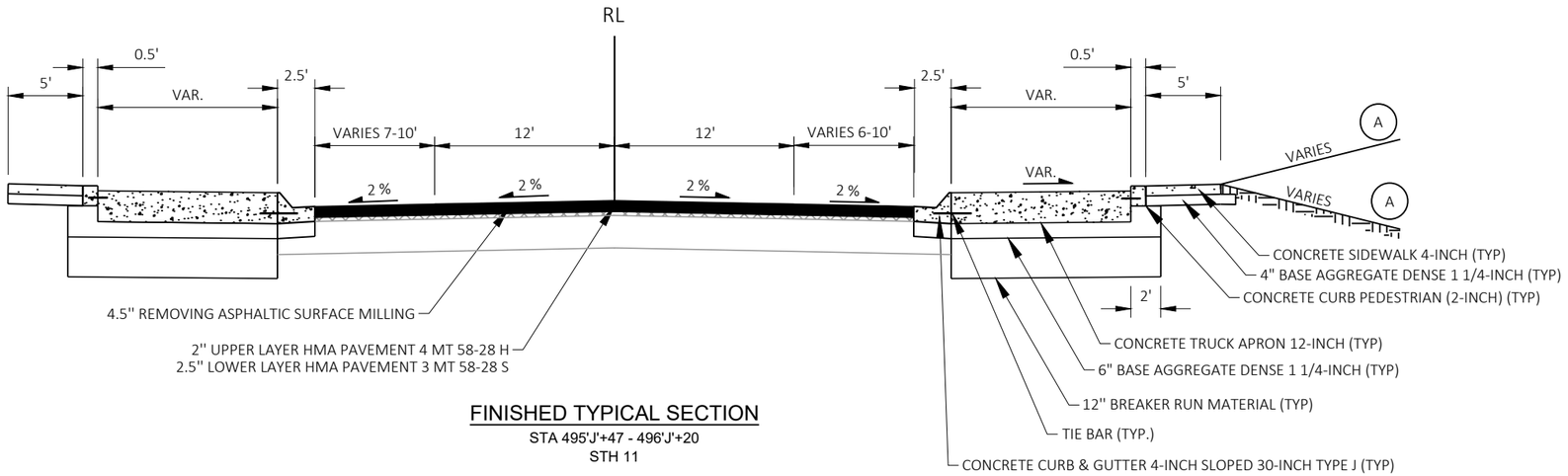
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TYPICAL SECTIONS	SHEET 15	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 10-10ft
PLOT DATE : 9/9/2024 12:54 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : ##########

2

A SEEDING MIXTURE NO. 40, EROSION MAT URBAN CLASS I TYPE A AND TOPSOIL

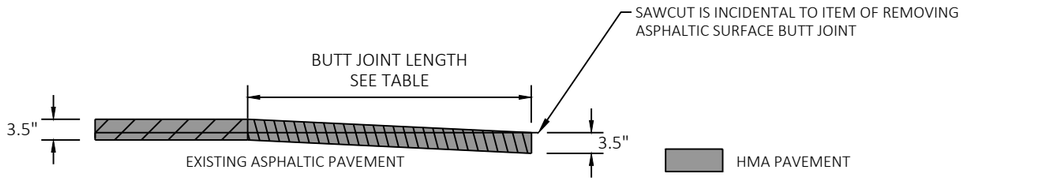
B SEEDING MIXTURE NO. 10, EROSION MAT CLASS I TYPE A AND TOPSOIL



FINISHED TYPICAL SECTION

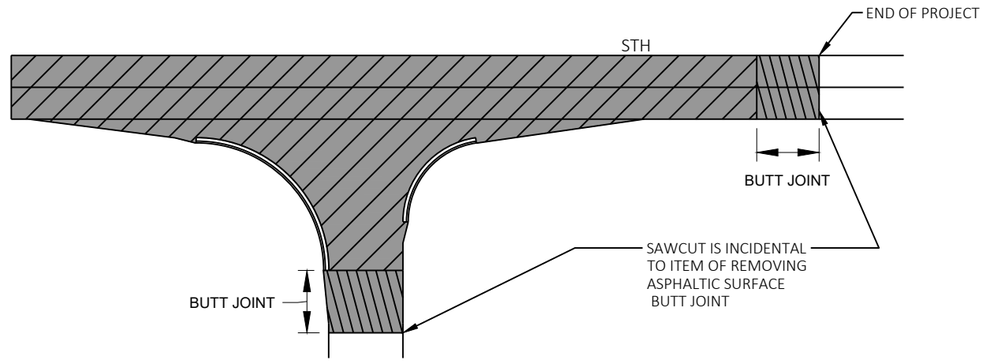
STA 495'J'+47 - 496'J'+20
STH 11

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TYPICAL SECTIONS	SHEET 16	E

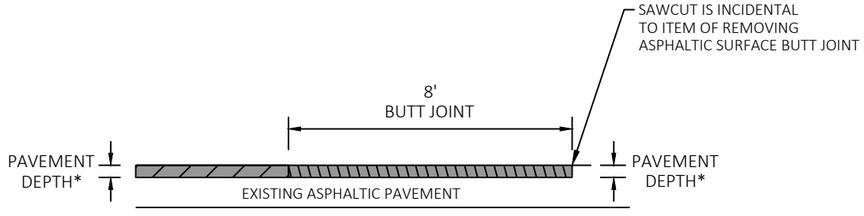


BUTT JOINT
RURAL LOCATIONS

LOCATION	BUTT JOINT LENGTH
STH 80 SOUTH LIMITS	37.5'
SINSINAWA RD	25'
BUNCOMBE RD	25'



BUTT JOINT LIMITS



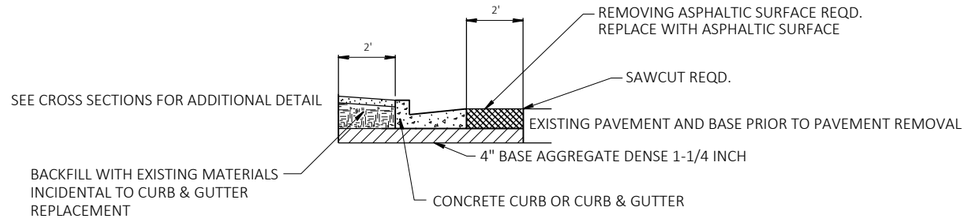
BUTT JOINT
URBAN LOCATIONS

HMA PAVEMENT

REMOVING ASPHALTIC SURFACE MILLING

REMOVING ASPHALTIC SURFACE BUTT JOINTS

* SEE PROPOSED TYPICAL SECTIONS FOR PAVEMENT DEPTHS AT TERMINI



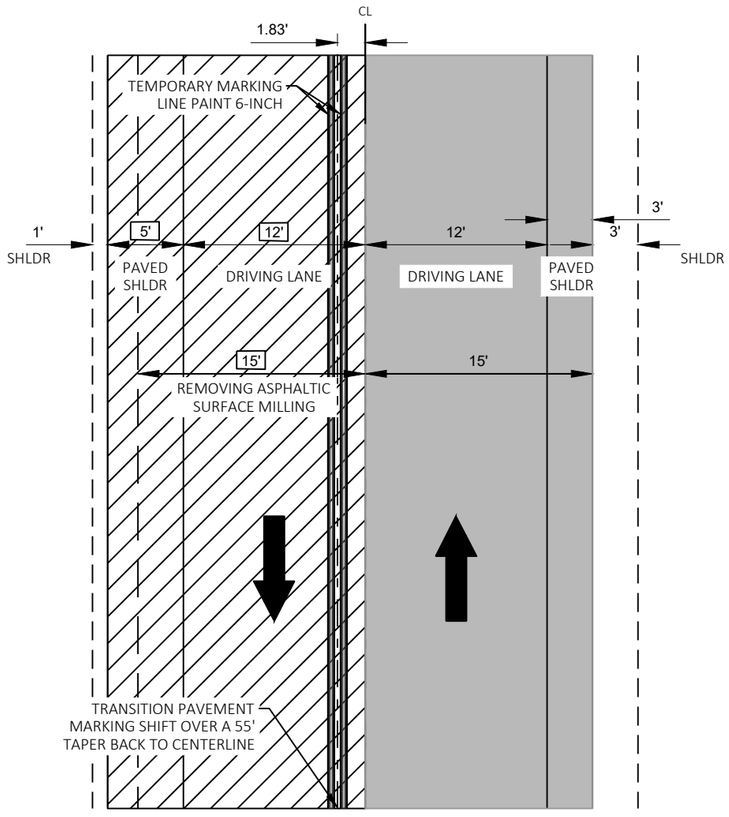
BASE COURSE BELOW PROPOSED CURB OR CURB & GUTTER SHALL BE CONSTRUCTED TO PROVIDE A SUITABLE BASE AS DETERMINED BY THE ENGINEER IN THE FIELD

NOTES:

DETAIL FOR CURB & GUTTER REPLACEMENT

2

LONGITUDINAL PAVEMENT JOINT DETAIL
RURAL

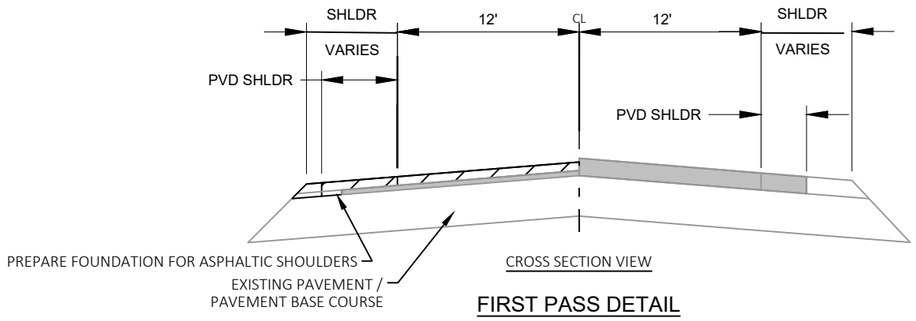


PLAN VIEW

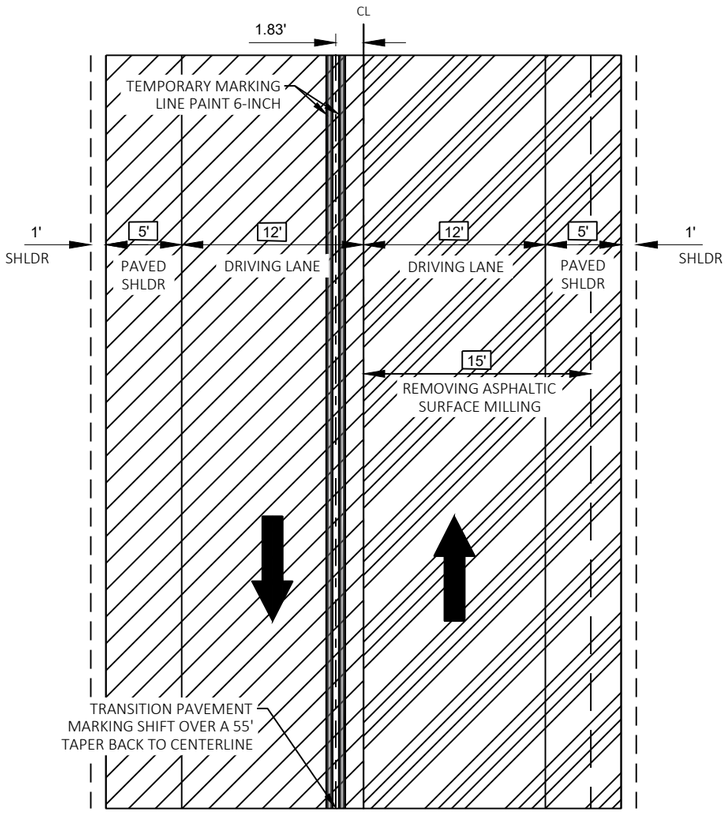
EXISTING ASPHALTIC SURFACE

FIRST PASS VARIES HMA PAVEMENT (LOWER LAYER)

NOTES:
1) FIRST PASS MUST BE PAVED SAME DAY AS ANY EXISTING MAINLINE SURFACE MILLING
2) FIRST PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.



FIRST PASS DETAIL



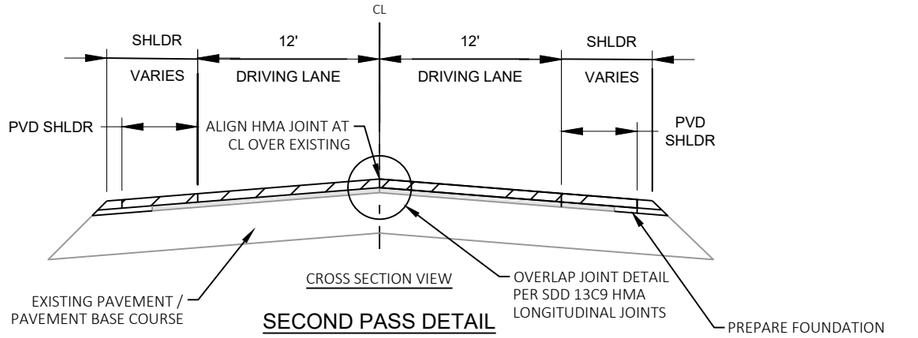
PLAN VIEW

EXISTING ASPHALTIC SURFACE

FIRST PASS HMA PAVEMENT (LOWER LAYER)

SECOND PASS HMA PAVEMENT PAVING LIMITS (LOWER LAYER)

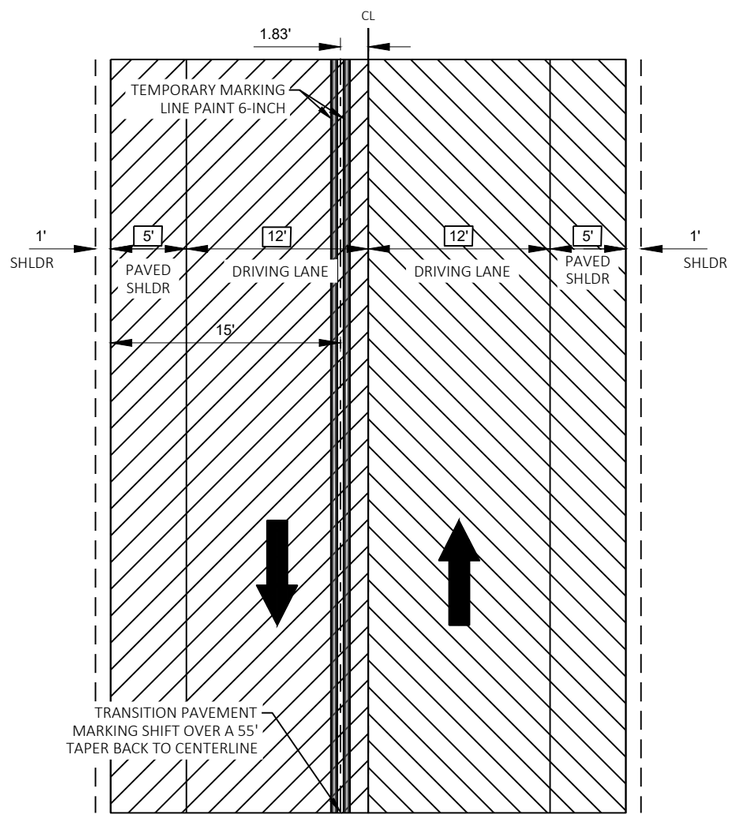
NOTES:
3) SECOND PASS MUST BE PAVED SAME DAY AS ANY EXISTING MAINLINE SURFACE MILLING
4) SECOND PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.



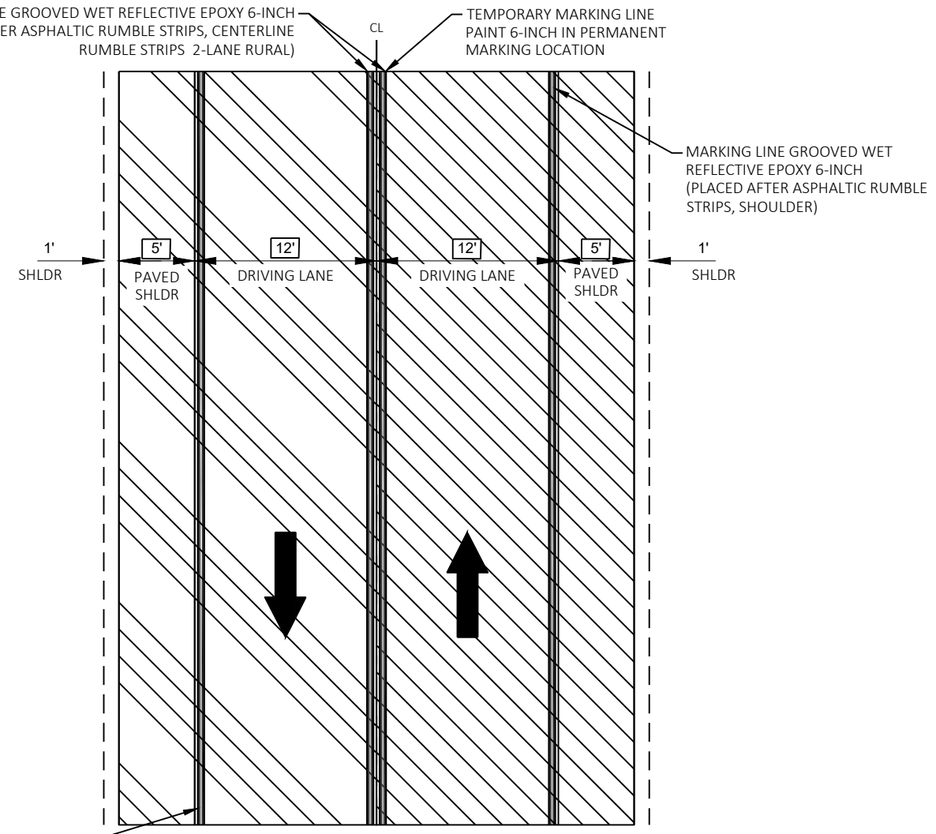
SECOND PASS DETAIL

2

LONGITUDINAL PAVEMENT JOINT DETAIL
RURAL



PLAN VIEW



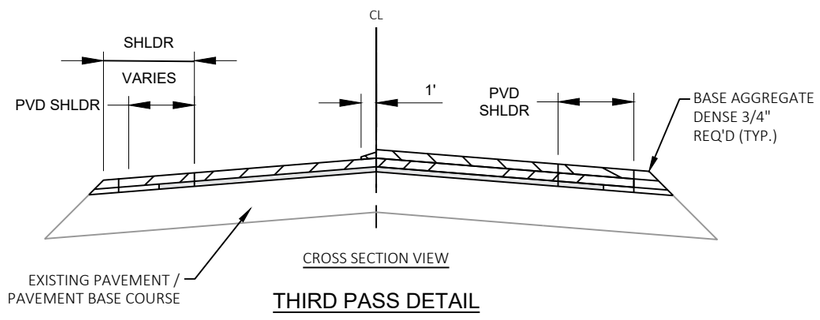
PLAN VIEW

FIRST PASS HMA PAVEMENT (LOWER LAYER)

SECOND PASS HMA PAVEMENT PAVING LIMITS (LOWER LAYER)

THIRD PASS HMA PAVEMENT PAVING LIMITS (UPPER LAYER)

NOTES:
5) THIRD PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.



CROSS SECTION VIEW

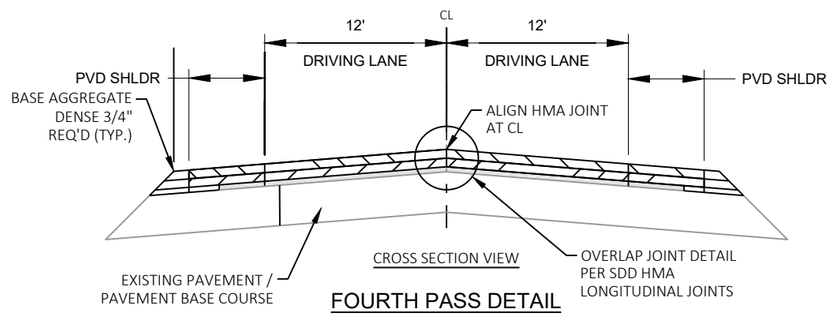
THIRD PASS DETAIL

SECOND PASS HMA PAVEMENT PAVING LIMITS (LOWER LAYER)

THIRD PASS HMA PAVEMENT PAVING LIMITS (UPPER LAYER)

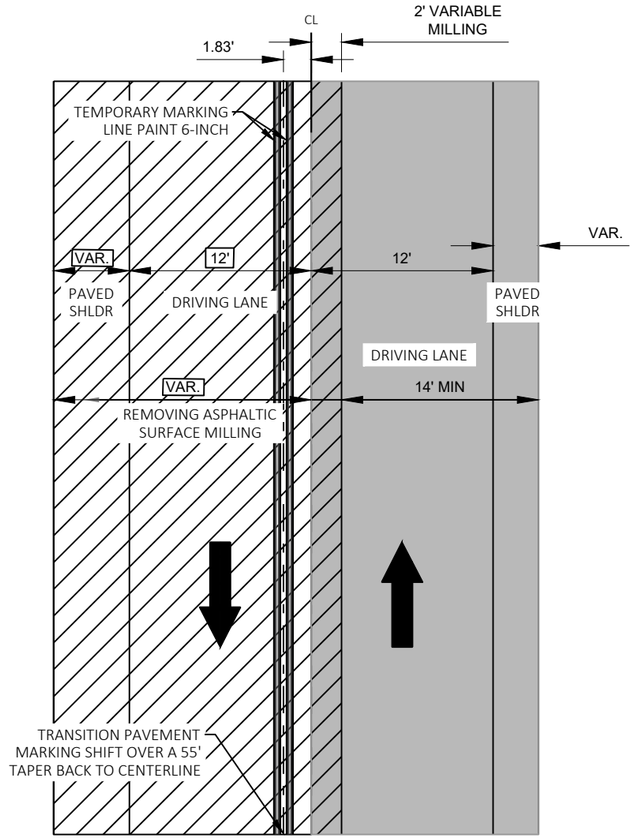
FOURTH PASS HMA PAVEMENT PAVING LIMITS (UPPER LAYER)

NOTES:
6) FOURTH PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.
7) TEMPORARY MARKING LINE PAINT APPLIED SAME DAY AS FOURTH PASS.



CROSS SECTION VIEW

FOURTH PASS DETAIL

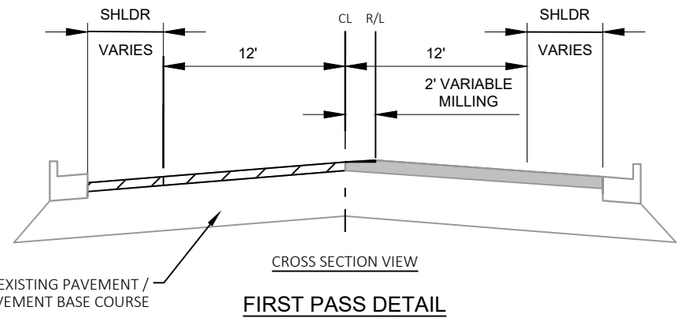


PLAN VIEW

EXISTING ASPHALTIC SURFACE

FIRST PASS VARIES HMA PAVEMENT (LOWER LAYER)

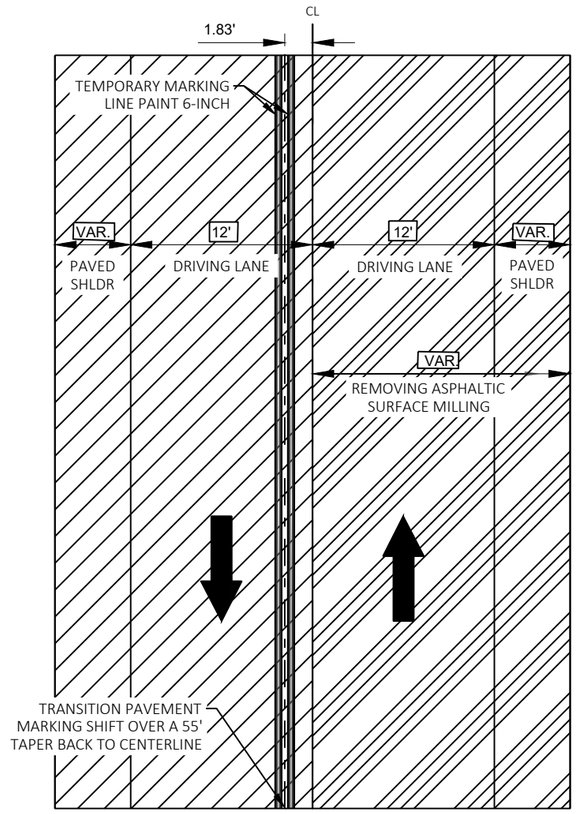
NOTES:
1) FIRST PASS MUST BE PAVED SAME DAY AS ANY EXISTING MAINLINE SURFACE MILLING
2) FIRST PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.
3) 2 FOOT VARIABLE 0-INCH TO LOWER LIFT WITH PASS #1. DEPTH WILL VARY.



CROSS SECTION VIEW

FIRST PASS DETAIL

LONGITUDINAL PAVEMENT JOINT DETAIL
URBAN



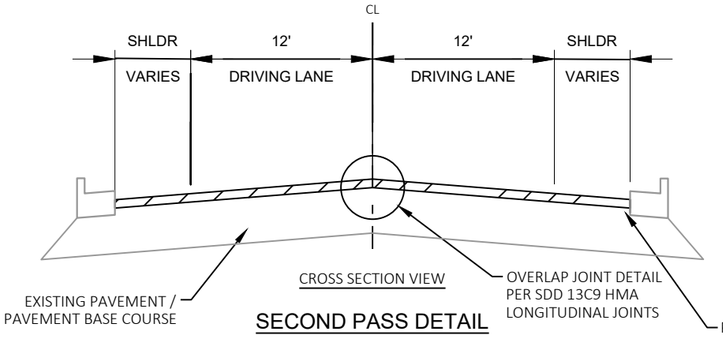
PLAN VIEW

EXISTING ASPHALTIC SURFACE

FIRST PASS HMA PAVEMENT (LOWER LAYER)

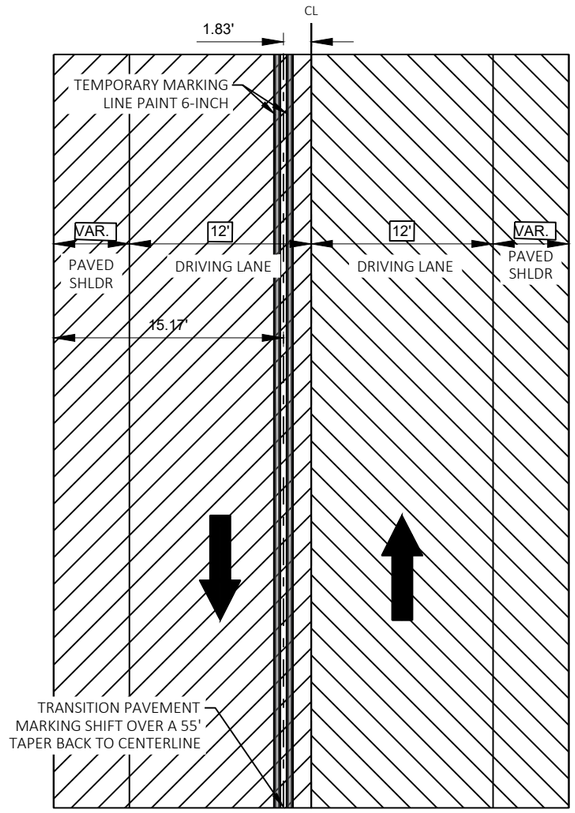
SECOND PASS HMA PAVEMENT PAVING LIMITS (LOWER LAYER)

NOTES:
3) SECOND PASS MUST BE PAVED SAME DAY AS ANY EXISTING MAINLINE SURFACE MILLING
4) SECOND PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.



CROSS SECTION VIEW

SECOND PASS DETAIL



PLAN VIEW

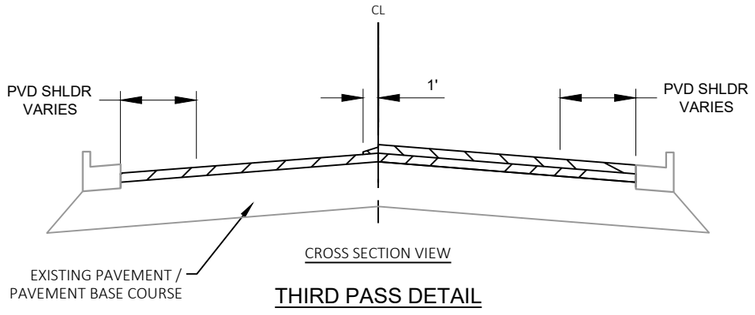
FIRST PASS HMA PAVEMENT (LOWER LAYER)

SECOND PASS HMA PAVEMENT PAVING LIMITS (LOWER LAYER)

THIRD PASS HMA PAVEMENT PAVING LIMITS (UPPER LAYER)

NOTES:

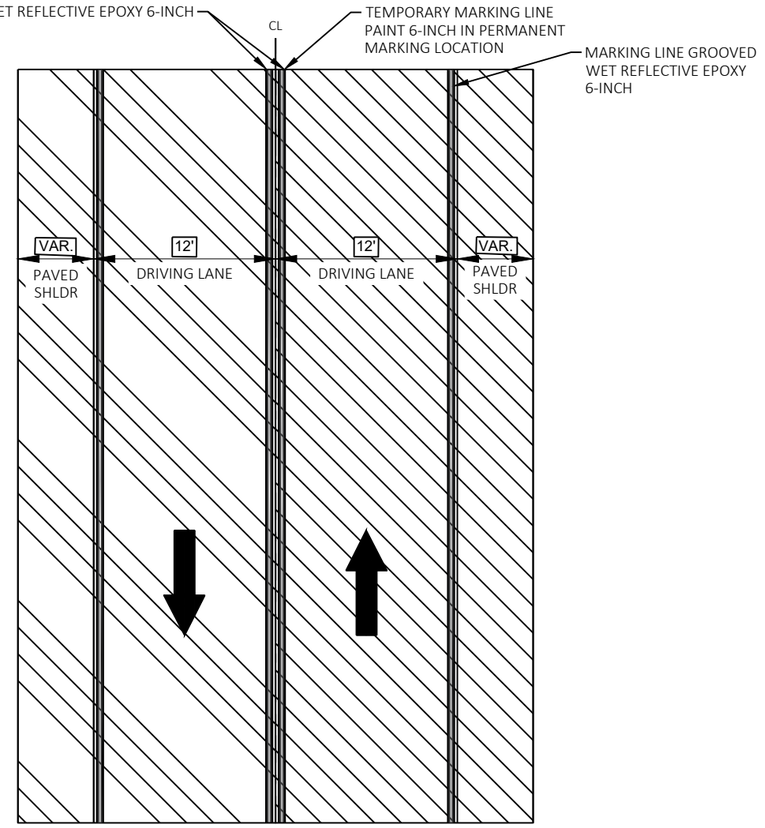
5) THIRD PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.



CROSS SECTION VIEW

THIRD PASS DETAIL

LONGITUDINAL PAVEMENT JOINT DETAIL
URBAN



PLAN VIEW

SECOND PASS HMA PAVEMENT PAVING LIMITS (LOWER LAYER)

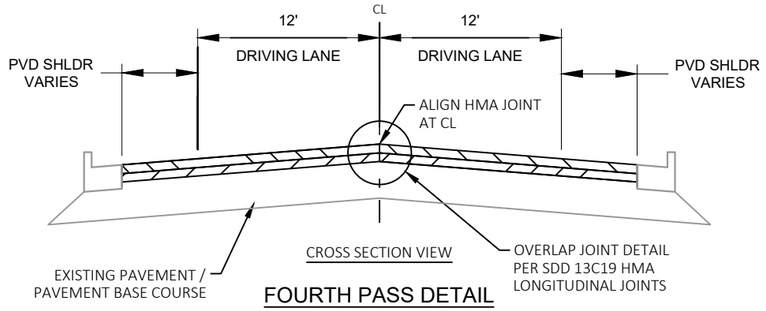
THIRD PASS HMA PAVEMENT PAVING LIMITS (UPPER LAYER)

FOURTH PASS HMA PAVEMENT PAVING LIMITS (UPPER LAYER)

NOTES:

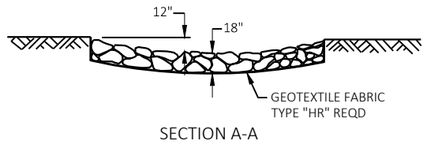
6) FOURTH PASS DEPTH AND PAVEMENT TYPE VARY. SEE TYPICAL SECTIONS.

7) TEMPORARY MARKING LINE PAINT APPLIED SAME DAY AS FOURTH PASS.

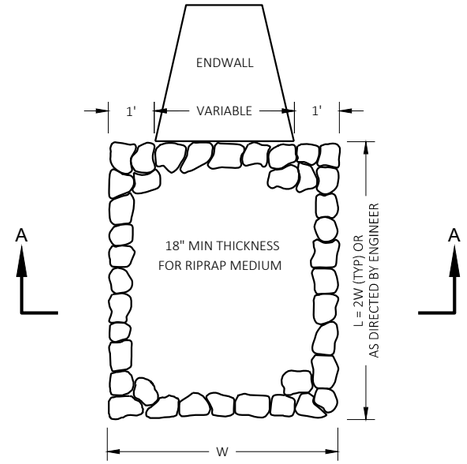


CROSS SECTION VIEW

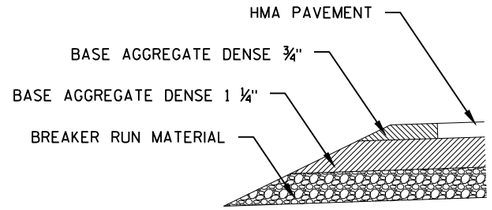
FOURTH PASS DETAIL



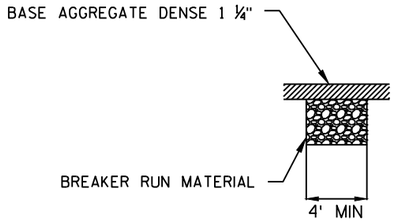
SECTION A-A



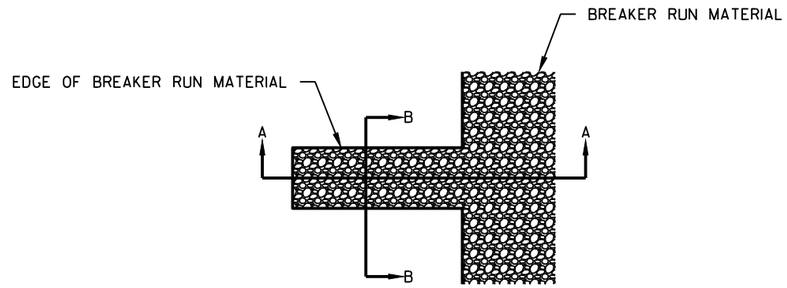
RIPRAP MEDIUM TREATMENT AT CULVERTS



SECTION A-A



SECTION B-B

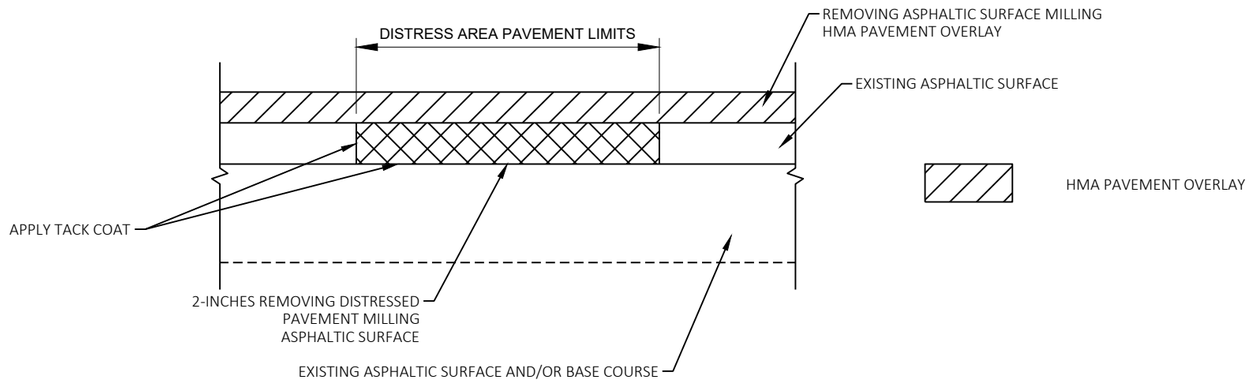


DETAIL FOR RELIEF TRENCH

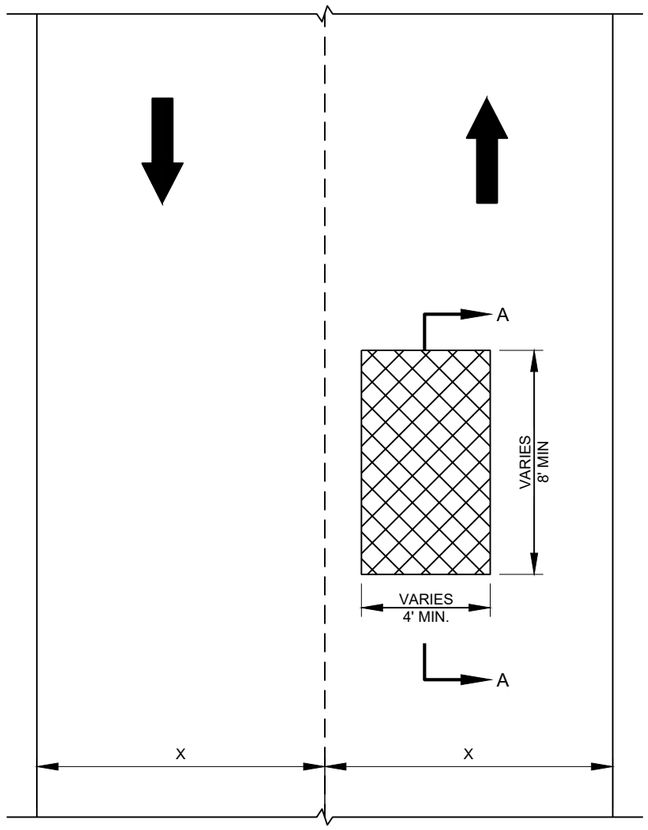
NOTES: PAID FOR AS BREAKER RUN MATERIAL

PLACE AT STATION 250+25

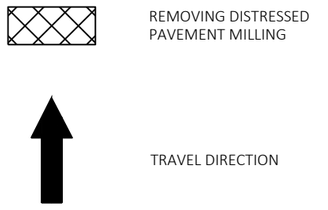
2



REMOVING DISTRESS PAVEMENT MILLING
SECTION A-A



PLAN VIEW



EXACT LOCATION AND LIMITS OF REMOVING
DISTRESSED PAVEMENT MILLING TO BE DETERMINED
BY THE ENGINEER IN THE FIELD

2

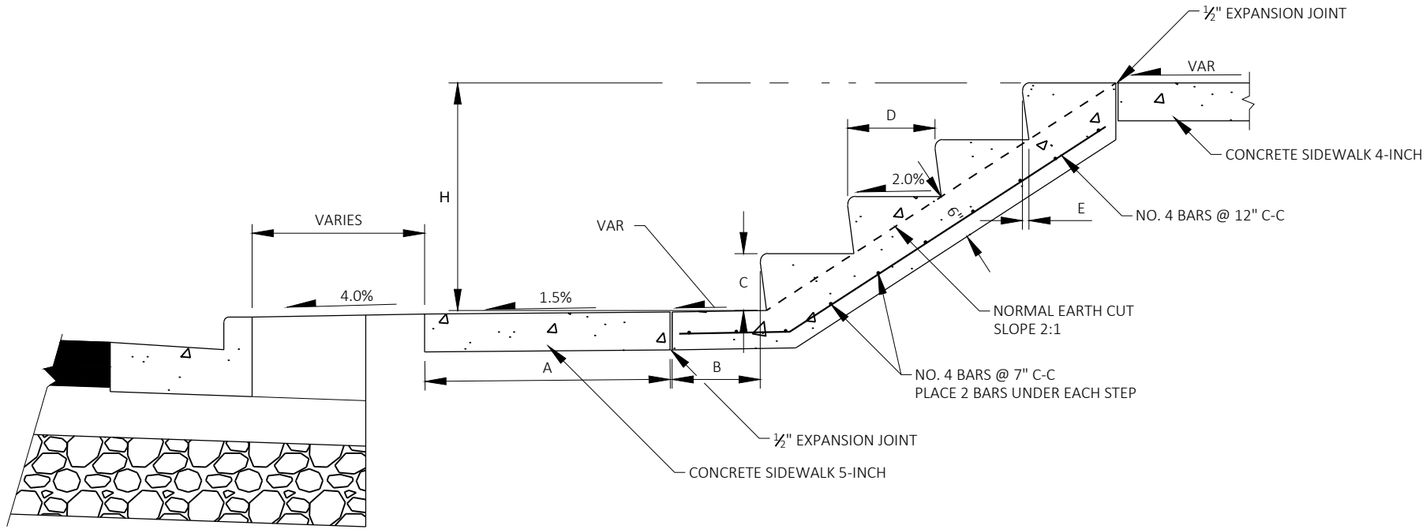
STEP NOTES:

MAINTAIN UNIFORM RISER HEIGHTS AND TREAD DEPTHS THROUGHOUT STAIRWAYS.

PLACE 18" NO. 4 DRILLED TIE BARS SPACED 15" C-C BETWEEN CONCRETE SIDEWALK AND AND CONCRETE STEPS WHEN POURED SEPARATELY. DRILLED TIE BAR COSTS ARE INCIDENTAL TO THE CONCRETE STEPS.

TOTAL RISER HEIGHT IN THE DETAILS TABLE INCLUDES 2.0% TREAD SLOPE ADJUSTMENTS.

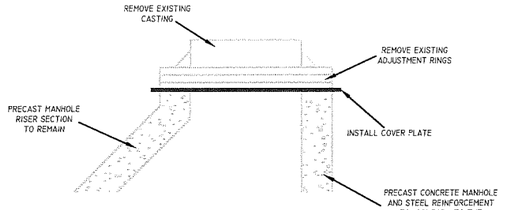
PLACE ½" EXPANSION JOINT BETWEEN THE STAIRS AND WALL



CONCRETE STEP REQUIREMENTS					
TREAD DEPTH	TREAD SLOPE	RISER HEIGHT	STEP CLEAR WIDTH	TOE KICK	LANDING LENGTH
10" MINIMUM	¼" PER FOOT (2.0%) MAX.	4" MIN., 7" MAX.	36" MIN.	30" MAX.	36" MIN.

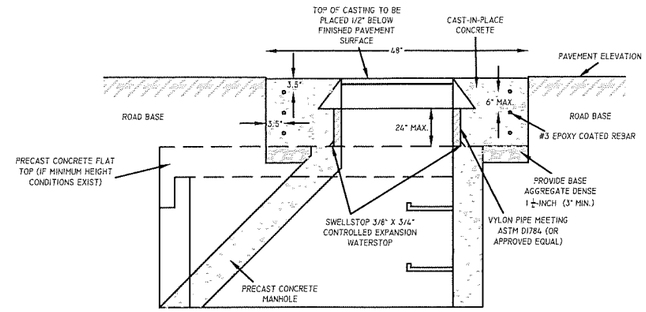
CONCRETE STEPS DETAIL

CONCRETE STEPS DETAIL										
STA LOCATION	SIDEWALK WIDTH A	LANDING WIDTH B	STEP RISER HEIGHT C	STEP TREAD DEPTH D	STEP TOE KICK E	TOTAL NUMBER OF RISERS	TOTAL RISER HEIGHT H	TOTAL NUMBER OF STEPS	WIDTH OF STEPS	COMMENTS
STA 181+46 31 LT	5'	10 INCHES	5 ⅞" (TYP.)	10 INCHES (TYP.)	3/4"	3	1'-6"	3	2'-8"	
STA 183+37 30' LT	5'	10 INCHES	5 ⅞" (TYP.)	10 INCHES (TYP.)	3/4"	3	1'-6"	3	3'-2"	
STA 199+45 32' RT	5'	10 INCHES	5 ⅞" (TYP.)	10 INCHES (TYP.)	3/4"	1	6"	1	6'-0"	



MANHOLE COVER PLATE INSTALLATION DETAIL

SCALE: N.T.S. 611.8120.S

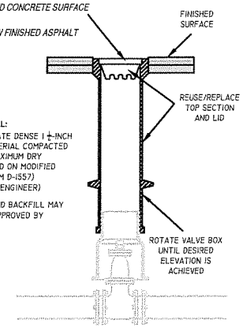


ADJUSTING SANITARY MANHOLES (CORE & POUR METHOD) DETAIL

SCALE: N.T.S. SPV.0060.01

2

NOTE:
- *LID SLOPE TO BE ON PLANE WITH FINISHED SURFACE*
- *TOP OF LID TO BE PLACED 1/8" - 1/4" BELOW FINISHED CONCRETE SURFACE OR 1/4" - 3/8" BELOW FINISHED ASPHALT SURFACE*



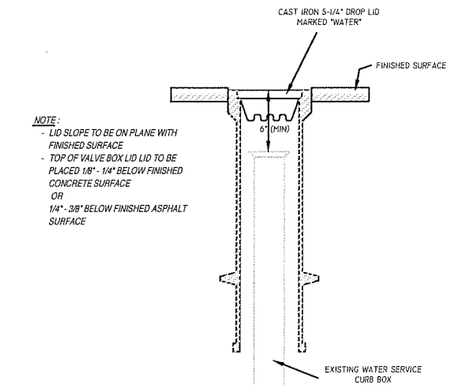
BACKFILL MATERIAL:
BASE AGGREGATE DENSE 1 1/4-INCH BACKFILL MATERIAL COMPACTED TO 95% OF MAXIMUM DRY DENSITY, BASED ON MODIFIED PROCTOR (ASTM D-1557) (APPROVED BY ENGINEER)

*NATURAL SAND BACKFILL MAY BE USED (IF APPROVED BY ENGINEER.)

ADJUSTING WATER VALVE BOX DETAIL

SCALE: N.T.S. SPV.0060.02



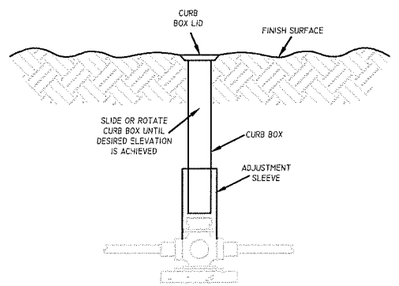


NOTE:
- *LID SLOPE TO BE ON PLANE WITH FINISHED SURFACE*
- *TOP OF VALVE BOX LID LID TO BE PLACED 1/8" - 1/4" BELOW FINISHED CONCRETE SURFACE OR 1/4" - 3/8" BELOW FINISHED ASPHALT SURFACE*

ADJUSTING WATER SERVICE CURB BOX (WATER SERVICE IN ASPHALT OR CONCRETE) DETAIL

SCALE: N.T.S. SPV.0060.03

NOTE:
- *IF CURB BOX NEEDS TO BE LOWERED AND NO ADJUSTMENT REMAINS, REMOVE LID AND CUT DESIRED LENGTH OFF CURB BOX TO ACHIEVE PROPER ELEVATION. RETHREAD TOP OF CURB BOX AND REINSTALL LID.*
- *TOP OF LID TO BE PLACED FLUSH WITH FINISHED LANDSCAPING SURFACE*



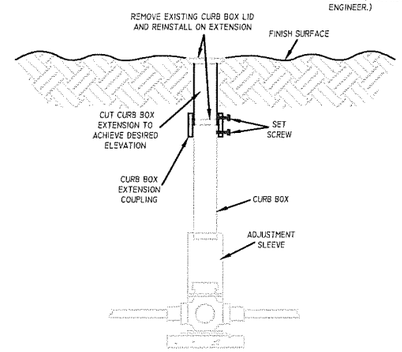
ADJUSTING WATER SERVICE CURB BOX DETAIL

SCALE: N.T.S. SPV.0060.03

NOTE:
- *TOP OF LID TO BE PLACED FLUSH WITH FINISHED LANDSCAPING SURFACE*

BACKFILL MATERIAL:
BASE AGGREGATE DENSE 1 1/4-INCH BACKFILL MATERIAL COMPACTED TO 95% OF MAXIMUM DRY DENSITY, BASED ON MODIFIED PROCTOR (ASTM D-1557) (APPROVED BY ENGINEER)

*NATURAL SAND BACKFILL MAY BE USED (IF APPROVED BY ENGINEER.)

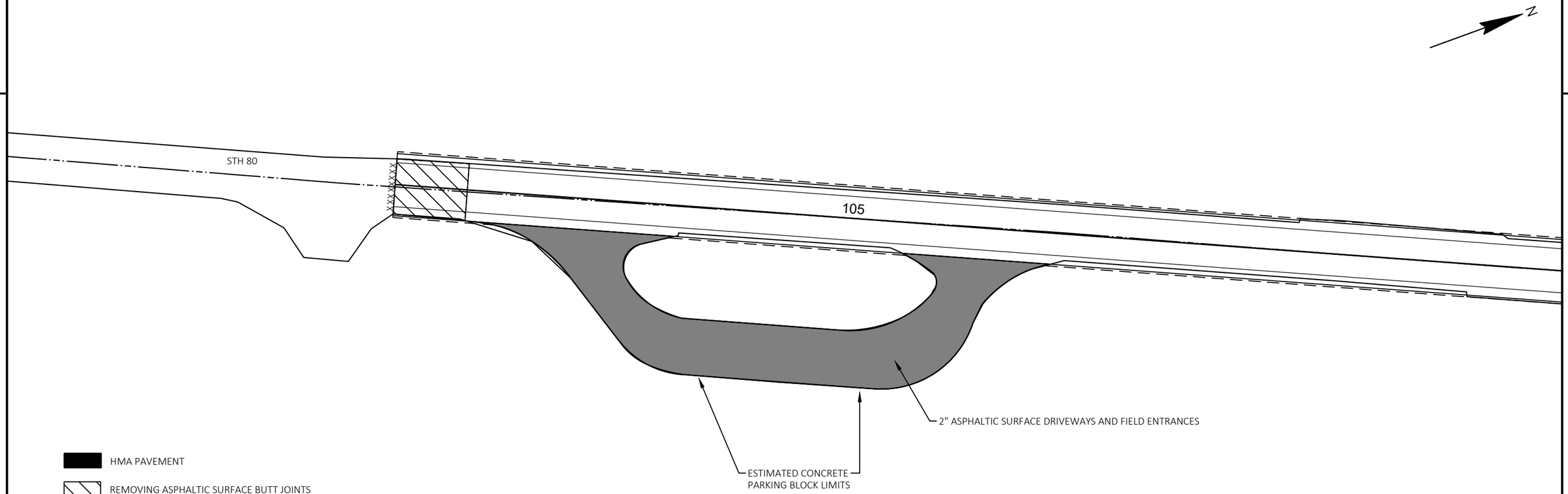


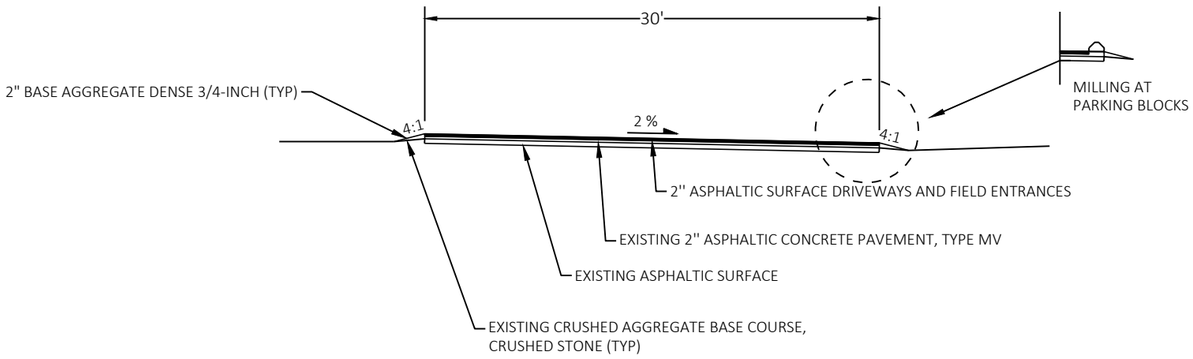
ADJUSTING WATER SERVICE CURB BOX (INSTALL EXTENSION) DETAIL

SCALE: N.T.S. SPV.0060.03

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	DETAILS - SEWER AND WATER	SHEET C201 25	E

2





HISTORICAL MARKER PARKING LOT

STA 102+93 - 106+10

2

2

MEDIACOM WISCONSIN OVERHEAD

SCENIC RIVERS - ELEC

N

142+00

143+00

144+00

STH 80

88 LF CULVERT PIPE CLASS III-A 30-INCH
INL: STA 142+61, 39.9' RT, ELEV 920.83
OUT: STA 143+49, 38.5' RT, ELEV 915.64

1

2

3

4

AP01

SA01

AG01

RE01

SI

RESP

AE01

CS01

CG01

AE02

3.00'

10.00'

1.00'

R30.58'

R42.00'

GRADE SLOPES TO 4:1

CULVERT PIPE CHECK

BUNCOMBE RD

TLE

EXISTING R/W

BRIGHTSPEED COM.
UNDERGROUND

STA 142+52.48
64.40' RT
Y=403584.046
X=893212.050

STA 143+05.54
91.00' RT

STA 143+29.47
84.17' RT

STA 143+54.80
53.18' RT
Y=403685.466
X=893229.638

LEGEND

AE01	APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 30-INCH 6 TO 1
AE02	APRON ENDWALLS FOR CULVERT PIPE 30-INCH
AG01	BASE AGGREGATE DENSE 3/4-INCH
AP01	HMA PAVEMENT 4.5-INCH
SA01	SAWING ASPHALT
CG01	CONCRETE CURB AND GUTTER 36-INCH TYPE D 4-INCH SLOPED
CS01	CULVERT PIPE CLASS III-A 30-INCH
RE01	RESTORATION: EROSION MAT CLASS I TYPE A, & SEED NO. 10
RESP	REMOVING SMALL PIPE CULVERT
	ASPHALTIC SURFACE BUTT JOINT

C & G POINTS

POINT	STATION	OFFSET	ELEVATION	Y	X
1	142+52.99	20.40' RT	925.20	403596.73	893169.92
2	142+94.57	51.60' RT	923.24	403628.04	893211.42
3	143+22.95	60.03' RT	922.22	403652.97	893227.39
4	143+54.02	20.61'RT	921.20	403693.74	893198.13

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - BUNCOMBE ROAD	SHEET 27 E

2

2

SCENIC RIVERS

N

145+00

146+00

147+00

145+00 - 145+25
BLEND GRADING TO EXISTING

145+25 - 147+00
SEE CROSS SECTIONS

145+25 - 147+00
SEE CROSS SECTIONS

147+00 - 147+25
BLEND GRADING TO EXISTING

EXISTING R/W

RE01

SI

AE03

CS02

SF01

7' x 14' RIPRAP
MEDIUM

BRIGHTSPEED COM.
UNDERGROUND

PROPERTY LINE

PROPOSED R/W

LEGEND

AE03	APRON ENDWALLS FOR CULVERT PIPE STEEL 36-INCH
CS02	12 LF CULVERT PIPE CORRUGATED STEEL 36-INCH
SF01	SILT FENCE
RE01	RESTORATION: EROSION MAT CLASS I TYPE A, & SEED NO. 10

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS	SHEET 28 E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - 021012-CD

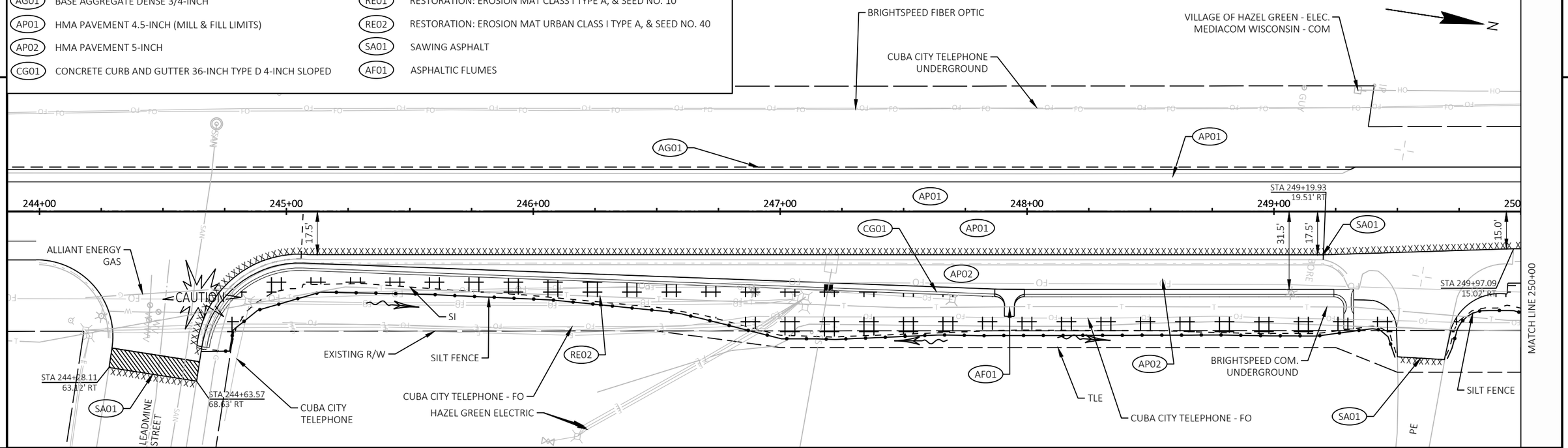
PLOT DATE : 10/23/2024 12:21 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:20 FT

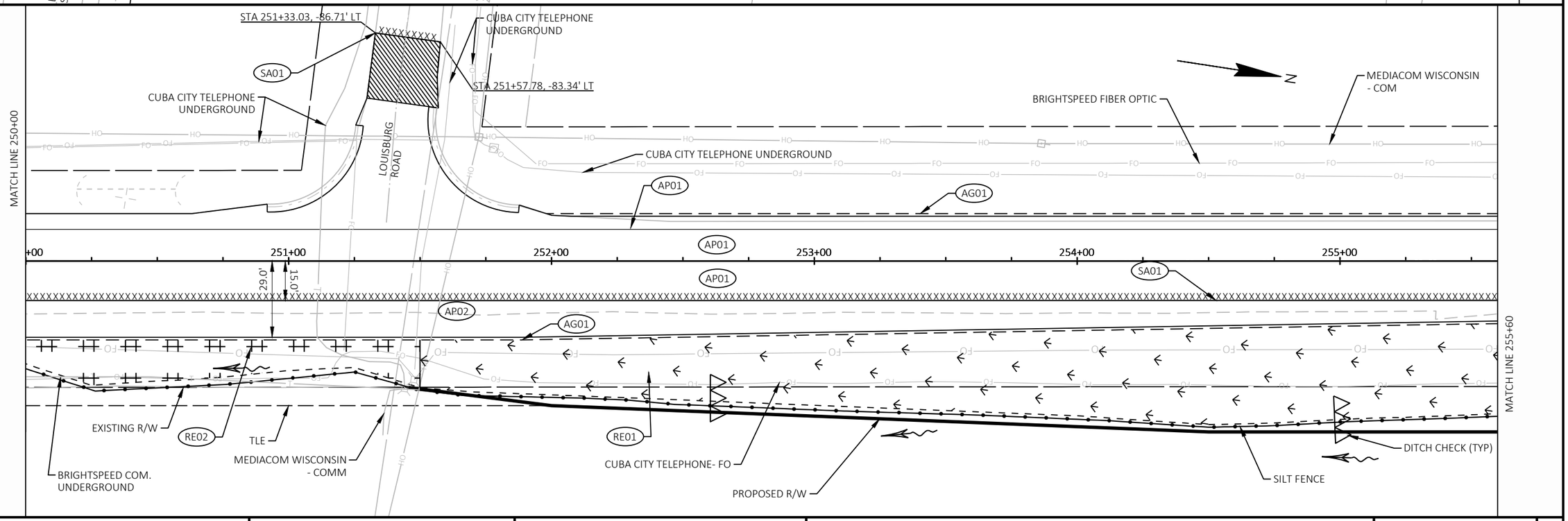
WISDOT/CADDS SHEET 42

2

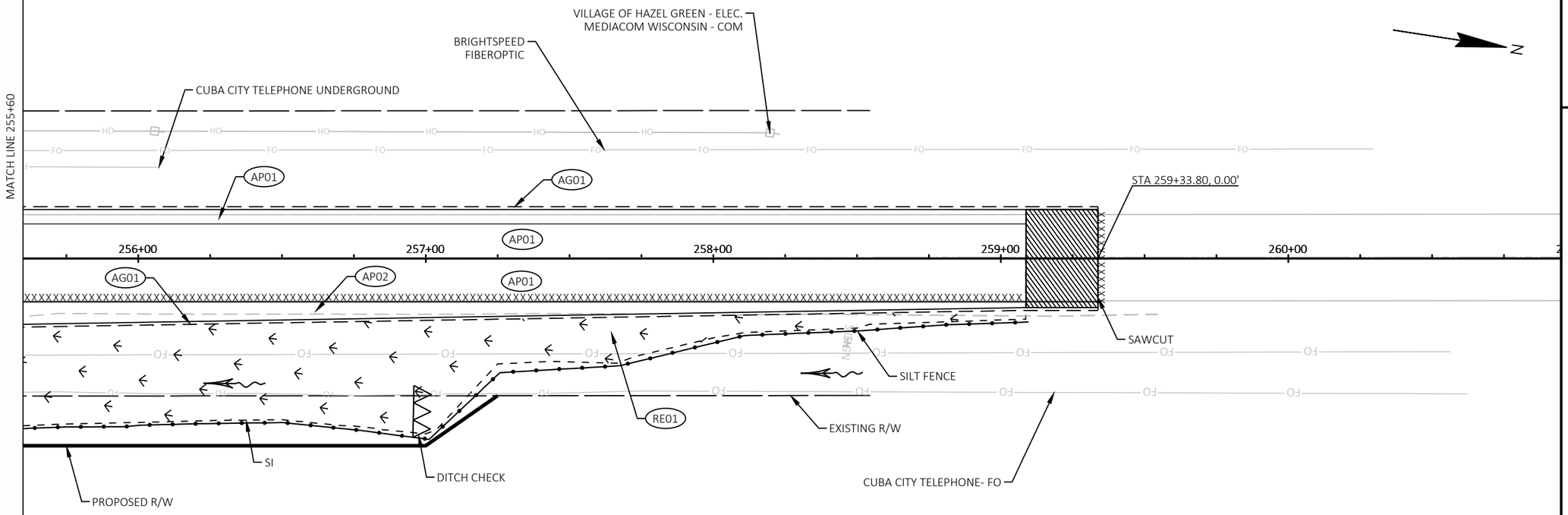
LEGEND

AG01	BASE AGGREGATE DENSE 3/4-INCH	RE01	RESTORATION: EROSION MAT CLASS I TYPE A, & SEED NO. 10
AP01	HMA PAVEMENT 4.5-INCH (MILL & FILL LIMITS)	RE02	RESTORATION: EROSION MAT URBAN CLASS I TYPE A, & SEED NO. 40
AP02	HMA PAVEMENT 5-INCH	SA01	SAWING ASPHALT
CG01	CONCRETE CURB AND GUTTER 36-INCH TYPE D 4-INCH SLOPED	AF01	ASPHALTIC FLUMES





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - LOUISBURG ROAD	SHEET 29	E

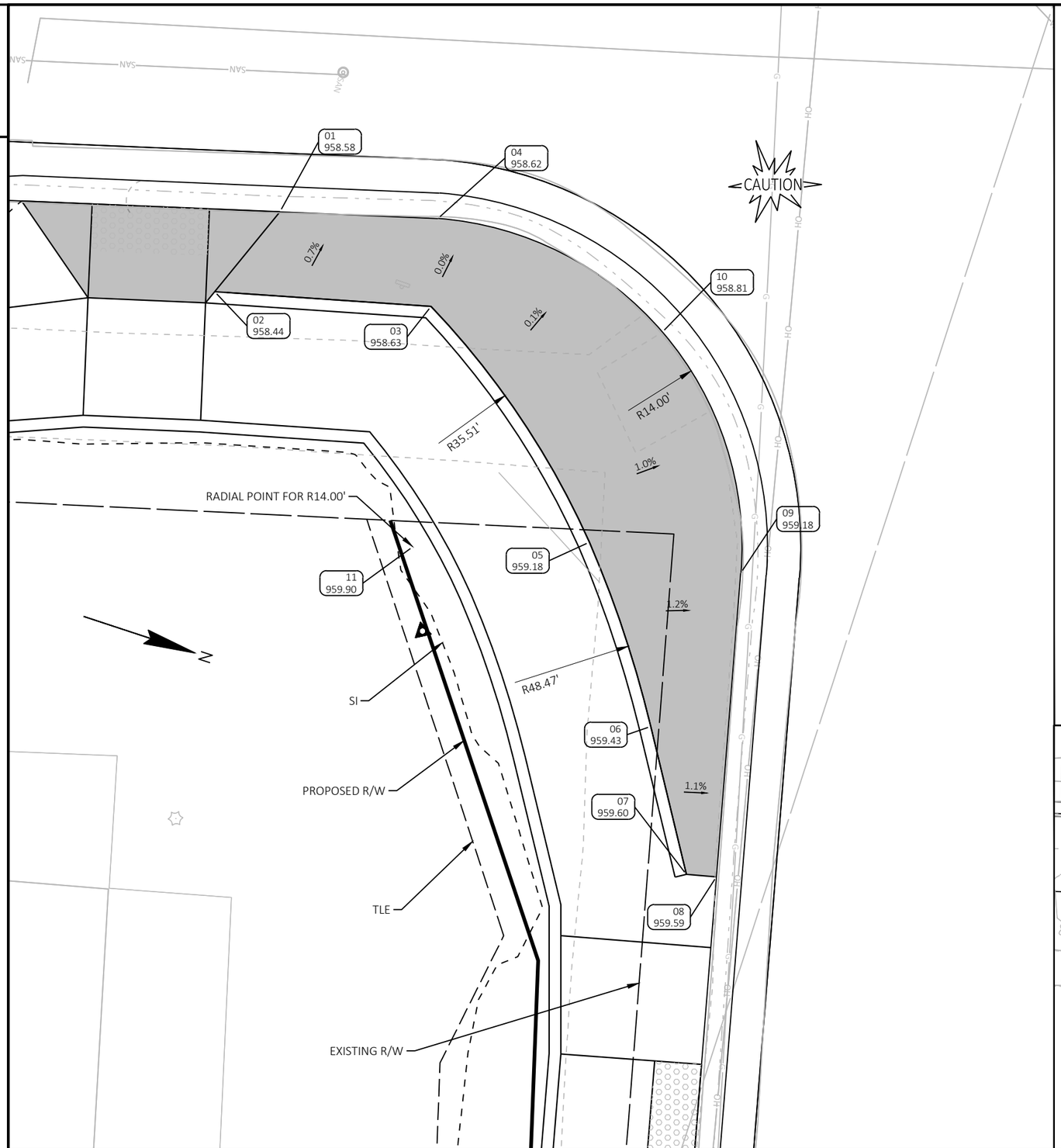


LEGEND

AG01	BASE AGGREGATE DENSE 3/4-INCH	RE01	RESTORATION: EROSION MAT CLASS I TYPE A, & SEED NO. 10
AP01	HMA PAVEMENT 4.5-INCH (MILL & FILL LIMITS)	RE02	RESTORATION: EROSION MAT URBAN CLASS I TYPE A, & SEED NO. 40
AP02	HMA PAVEMENT 5-INCH	SA01	SAWING ASPHALT
CG01	CONCRETE CURB AND GUTTER 36-INCH TYPE D 4-INCH SLOPED	AF01	ASPHALTIC FLUMES

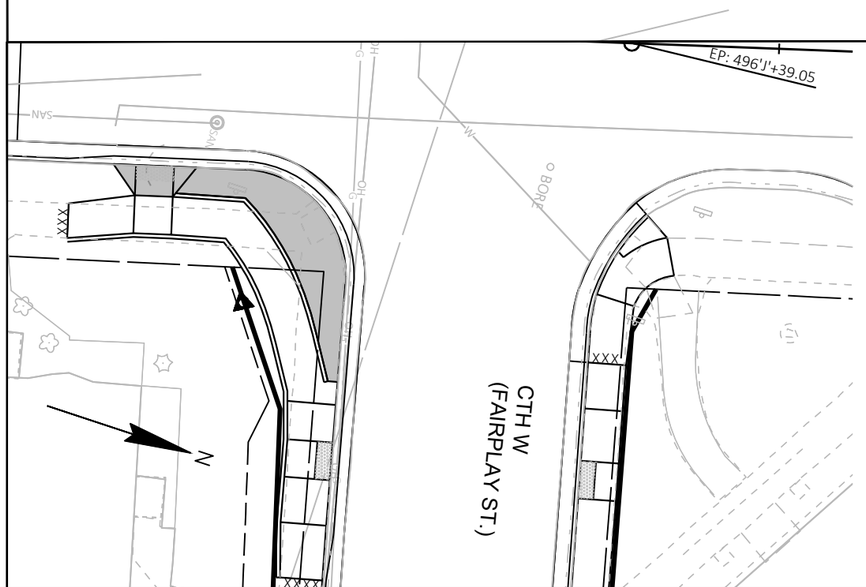
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - LOUISBURG ROAD	SHEET 30	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021003-CD.DWG
LAYOUT NAME - 021011-cd
PLOT DATE : 10/23/2024 12:49 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



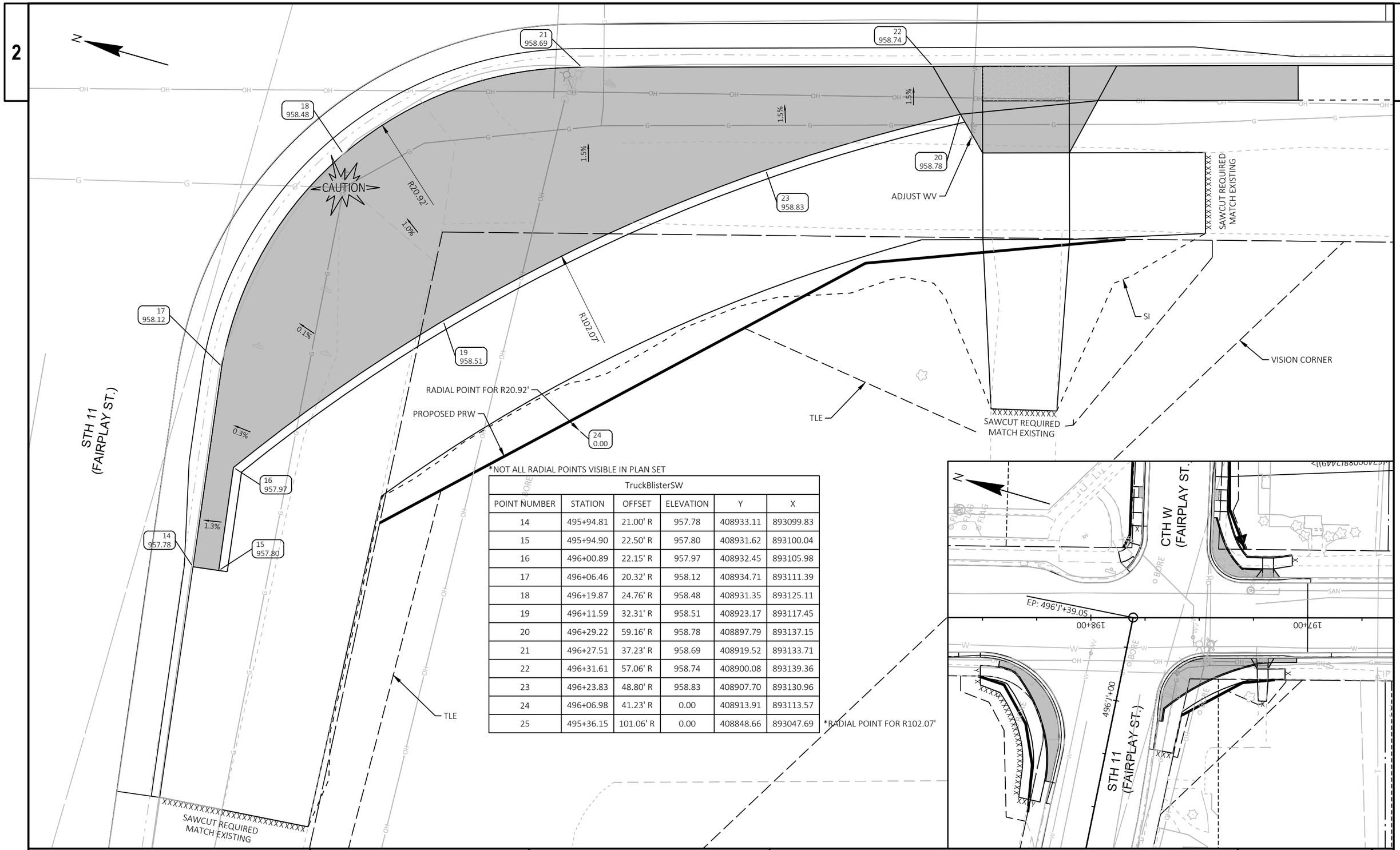
*NOT ALL RADIAL POINTS VISIBLE IN PLAN SET

TruckBlisterSE						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X	
01	197+23.81	18.60' R	958.58	408908.14	893175.80	
02	197+21.17	22.10' R	958.44	408906.56	893179.89	
03	197+30.39	22.37' R	958.63	408915.50	893177.62	
04	197+30.54	18.63' R	958.62	408914.61	893173.98	
05	197+37.50	32.14' R	959.18	408925.03	893185.04	
06	197+40.41	39.87' R	959.43	408929.96	893191.66	
07	197+42.17	46.10' R	959.60	408933.37	893197.17	
08	197+43.45	46.15' R	959.59	408934.61	893196.87	
09	197+43.99	33.20' R	959.18	408931.56	893184.27	
10	197+40.26	23.10' R	958.81	408925.19	893175.59	
11	197+30.00	32.62' R	959.90	408917.95	893187.57	
12	197+05.67	47.86' R	0.00	408898.77	893208.93	RADIAL POINT FOR 35.51'
13	196+93.76	53.02' R	0.00	408888.75	893217.17	RADIAL POINT FOR 48.47'



2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - TRUCK APRONS	SHEET 31	E



*NOT ALL RADIAL POINTS VISIBLE IN PLAN SET

TruckBlisterSW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
14	495+94.81	21.00' R	957.78	408933.11	893099.83
15	495+94.90	22.50' R	957.80	408931.62	893100.04
16	496+00.89	22.15' R	957.97	408932.45	893105.98
17	496+06.46	20.32' R	958.12	408934.71	893111.39
18	496+19.87	24.76' R	958.48	408931.35	893125.11
19	496+11.59	32.31' R	958.51	408923.17	893117.45
20	496+29.22	59.16' R	958.78	408897.79	893137.15
21	496+27.51	37.23' R	958.69	408919.52	893133.71
22	496+31.61	57.06' R	958.74	408900.08	893139.36
23	496+23.83	48.80' R	958.83	408907.70	893130.96
24	496+06.98	41.23' R	0.00	408913.91	893113.57
25	495+36.15	101.06' R	0.00	408848.66	893047.69

*RADIAL POINT FOR R102.07'

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - FAIRPLAY ST SW	SHEET 32	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021004-CD.DWG
LAYOUT NAME - 021004-cd(2)
PLOT DATE : 9/25/2024 4:19 PM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

*NOT ALL RADIAL POINTS VISIBLE IN PLAN SET

TruckBlisterNW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
26	495+57.17	24.41' L	956.48	408975.40	893058.71
27	495+57.20	22.25' L	956.47	408973.25	893058.91
28	495+70.54	21.85' L	956.80	408973.91	893072.25
29	495+80.53	22.96' L	957.06	408975.80	893082.12
30	495+93.65	29.34' L	957.45	408983.20	893094.69
31	496+05.16	44.61' L	957.85	408999.33	893104.96
32	496+07.70	56.28' L	958.00	409011.17	893106.56
33	496+04.80	56.30' L	958.01	409010.96	893103.67
34	496+03.90	49.01' L	957.92	409003.62	893103.35
35	495+94.77	39.10' L	957.69	408993.02	893095.03
36	495+79.50	29.52' L	957.15	408982.27	893080.56
37	495+56.30	79.40' L	0.00	409030.15	893053.50
38	495+70.52	58.91' L	0.00	409010.85	893069.29
39	495+50.21	93.11' L	0.00	409043.33	893046.33
40	495+90.42	55.59' L	0.00	409009.11	893089.39

TruckBlisterNW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
41	495+47.23	25.10' L	956.18	408975.31	893048.75
42	495+47.31	30.07' L	956.27	408980.26	893048.43
43	495+55.16	30.92' L	956.61	408981.73	893056.19
44	495+76.01	35.09' L	957.33	408987.54	893076.65
45	495+96.63	49.79' L	958.17	409003.82	893096.04
46	495+97.75	51.29' L	958.19	409005.40	893097.04
47	495+98.18	59.01' L	958.02	409013.14	893096.86
48	495+98.55	63.60' L	957.95	409017.74	893096.86
49	496+03.36	64.59' L	957.94	409019.11	893101.58
50	495+47.39	35.07' L	956.60	408985.25	893048.12
51	495+57.36	35.92' L	957.13	408986.89	893057.99
52	495+73.98	39.66' L	957.44	408991.93	893074.27
53	495+92.98	53.20' L	958.06	409006.93	893092.13
54	495+94.61	62.78' L	957.94	409016.62	893093.00

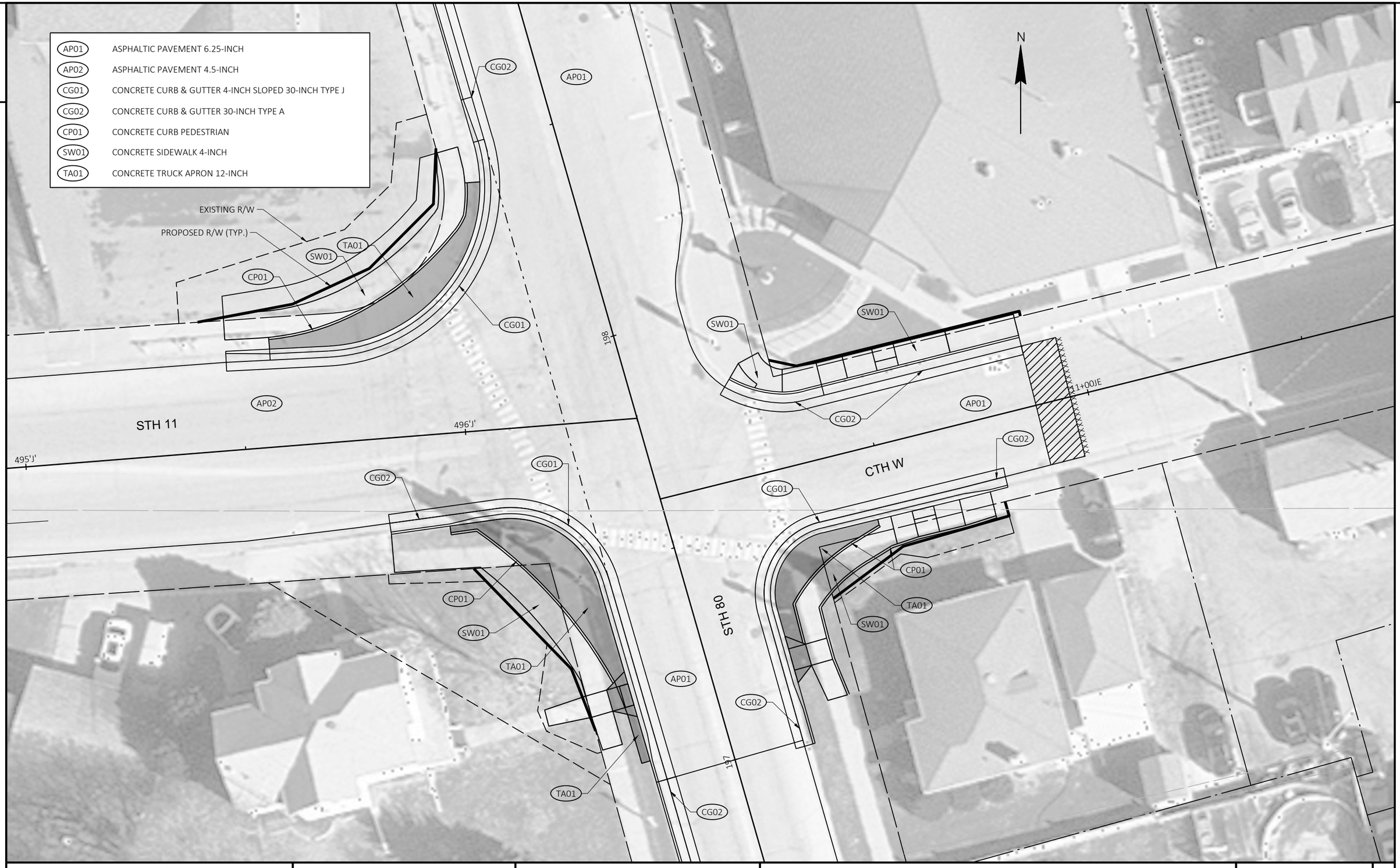
*RADIAL POINT FOR R55.00'
*RADIAL POINT FOR R36.12'
*RADIAL POINT FOR R70.00'

TLE
PROPOSED R/W
EXISTING R/W
RADIAL POINT FOR R15.00'
CAUTION
STH 80
(S PERCIVAL ST.)
198+00

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - FAIRPLAY ST NW	SHEET 33	E

2

AP01	ASPHALTIC PAVEMENT 6.25-INCH
AP02	ASPHALTIC PAVEMENT 4.5-INCH
CG01	CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE J
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A
CP01	CONCRETE CURB PEDESTRIAN
SW01	CONCRETE SIDEWALK 4-INCH
TA01	CONCRETE TRUCK APRON 12-INCH



2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	INTERSECTION DETAILS	SHEET 34	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021101-id

PLOT DATE : 10/23/2024 9:15 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

MEDIACOM
UNDERGROUND

BRIGHTSPEED FIBER OPTICS

VILLAGE OF HAZEL GREEN
SANITARY

STH 11 / STH 80

BP: 10+00.00 'LM'

245+00

245+06.77
1.32'RT
971.11'

245+50.00
2.94'RT
970.34'

246+00

246+00.00
4.82'RT
969.69'

246+50.00
6.69'RT
969.11'

247+00

247+00.00
8.57'RT
968.52'

AP01

245+06.77
13.34'RT
970.87'

245+50.00
14.96'RT
970.10'

246+00.00
16.83'RT
969.45'

246+50.00
18.70'RT
968.87'

247+00.00
20.58'RT
968.28'

AP01

AP02

247+00.00
28.08'RT
968.13'

CG01

245+06.77
20.84'RT
970.72'

244+79.83
29.94'RT
970.84'

245+50.00
22.46'RT
969.95'

246+00.00
24.33'RT
969.30'

246+50.00
26.21'RT
968.72'

SI

LOT LINE (TYP.)

CUBA CITY
TELEPHONE

BRIGHTSPEED COM.
UNDERGROUND

HAZEL GREEN ELECTRIC

CUBA CITY
TELEPHONE - FO

R40.00

244+65.75
54.66'RT
970.87'

STA 245+05.27
60.81' RT
Y=413617.234
X=892508.378

CAUTION

CUBA CITY
TELEPHONE

EXISTING R/W

LEADMINE STREET

PROPERTY LINE (TYP.)

12" CMP STORM

N

AP01	ASPHALTIC PAVEMENT 4.5-INCH
AP02	ASPHALTIC PAVEMENT 5-INCH
CG01	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE-D

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	INTERSECTION DETAILS	SHEET 35	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 021102-id
PLOT DATE : 10/23/2024 9:41 AM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

MEDIACOM WISCON

ALLIANT ENERGY - ELEC.

EXISTING R/W

MEDIACOM UNDERGROUND

BRIGHTSPEED FIBER OPTIC

STH 11 / STH 80

247+00

247+00.00
8.57'RT
968.52'

247+00.00
20.58'RT
968.28'

247+00.00
28.08'RT
968.13'

247+50.00
10.44'RT
968.00'

247+50.00
22.45'RT
967.76'

247+50.00
29.96'RT
967.61'

247+91.54
12.00'RT
967.69'

247+91.09
23.99'RT
967.45'

247+91.53
31.49'
967.30'

248+00

248+00.00
11.32'RT
967.70'

248+00.00
23.99'RT
967.45'

248+00.00
31.49'RT
967.30'

248+50.00
7.32'RT
967.36'

248+50.00
23.99'RT
967.03'

248+50.00
31.49'RT
966.88'

249+00

249+00.00
3.32'RT
967.19'

249+00.00
23.99'RT
966.78'

249+00.00
31.49'RT
966.63'

249+41.57
12.00'RT
966.87'

249+50.00
12.00'RT
967.06'

249+50.00
23.99'RT
966.82'

249+17.33
31.49'RT
966.31'

249+28.21
38.44'RT
966.04'

249+94.73
29.00'RT
966.75'

249+50.02
58.78'RT
964.74'

249+68.97
59.89'RT
964.95'

250+0

AP01

AP02

CG01

AF01

CUBA CITY TELEPHONE

HAZEL GREEN ELECTRICAL

12" CMP STORM

STA 247+20.78 21.1' RT
REMOVE INLET
REMOVE 12-INCH HDPE 10.5'

STA 247+19.51 30.8' RT
INLETS 2x3-HM
INVERT ELEVATION 961.49
CONCRETE COLLAR REQ'D

CUBA CITY TELEPHONE - FO

TLE

CUBA CITY TELEPHONE -FO

MEDIACOM WISCONSIN - COMM

SI

BRIGHTSPEED COM. UNDERGRIUND

PROPERTY LINE

VILLAGE OF HAZEL GREEN LIMITS

MATCH INTO EXISTING DRIVEWAY

N

AP01	ASPHALTIC PAVEMENT 4.5-INCH
AP02	ASPHALTIC PAVEMENT 5-INCH
CG01	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE-D
AF01	ASPHALTIC FLUME

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	INTERSECTION DETAILS	SHEET 36	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 021103-id

PLOT DATE : 10/23/2024 9:42 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

EXISTING R/W

MEDIACOM WISCONSIN - COM

ALLIANT ENERGY - ELEC.

BRIGHTSPEED FIBER OPTIC

MEDIACOM WISCONSIN - COM

CUBA CITY TELEPHONE UNDERGROUND

ALLIANT ENERGY - ELEC.

EXISTING RIGHT-OF-WAY

BRIGHTSPEED FIBER OPTIC

ALLIANT ENERGY - COMM

LOUISBURG ROAD

VILLAGE OF HAZEL GREEN LIMITS

STH 11 / STH 80

EP: 10+00.00 'LO'

250+00

250+00.00
12.00'RT
967.10'

250+00.00
24.00'RT
966.86'

249+94.73
29.00'RT
966.75'

250+00.00
29.00'RT
966.76'

249+68.97
59.89'RT
964.95'

AP01

250+50.00
12.00'RT
967.17'

250+50.00
24.00'RT
966.93'

250+50.00
29.00'RT
966.83'

251+00

250+91.57
12.00'RT
967.20'

AP02

251+00.00
24.00'RT
967.00'

251+00.00
29.00'RT
966.90'

251+50.00
24.00'RT
967.27'

251+50.00
29.00'RT
967.17'

251+88.62
12.00'RT
967.71'

252+00

252+00.00
11.81'RT
967.78'

252+00.00
23.81'RT
967.54'

252+00.00
28.81'RT
967.44'

252+50.00
10.98'RT
968.14'

252+50.00
22.98'RT
967.90'

252+50.00
27.98'RT
967.80'

BRIGHTSPEED COM.
UNDERGROUND
CUBA CITY TELEPHONE

CUBA CITY TELEPHONE - FO

TLE

CUBA CITY
TELEPHONE - FO

PROPOSED R/W

EXISTING R/W

SI

N

AP01 ASPHALTIC PAVEMENT 4.5-INCH

AP02 ASPHALTIC PAVEMENT 5-INCH

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	INTERSECTION DETAILS	SHEET 37	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 021104-id

PLOT DATE : 10/23/2024 9:42 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

EXISTING R/W

ALLIANT ENERGY - ELEC.

BRIGHTSPEED FIBER OPTIC

ALLIANT ENERGY - COM

STH 11 / STH 80

253+00

254+00

255+00

AP01

AP02

252+50.00
10.98'RT
968.14'

253+00.00
10.14'RT
968.64'

253+50.00
9.31'RT
969.21'

254+00.00
8.48'RT
969.90'

254+50.00
7.64'RT
970.64'

255+00.00
6.81'RT
971.44'

255+50.00
5.98'RT
972.31'

252+50.00
22.98'RT
967.90'

253+00.00
22.15'RT
968.40'

253+50.00
21.31'RT
968.97'

254+00.00
20.48'RT
969.66'

254+50.00
19.64'RT
970.40'

255+00.00
18.81'RT
971.20'

255+50.00
17.98'RT
972.07'

252+50.00
27.98'RT
967.80'

253+00.00
27.15'RT
968.30'

253+50.00
26.31'RT
968.87'

254+00.00
25.48'RT
969.56'

254+50.00
24.65'RT
970.30'

255+00.00
23.81'RT
971.10'

255+50.00
22.98'RT
971.97'

CUBA CITY TELEPHONE - FO

PROPOSED R/W

SI

N

AP01 ASPHALTIC PAVEMENT 4.5-INCH

AP02 ASPHALTIC PAVEMENT 5-INCH

/W

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	INTERSECTION DETAILS	SHEET 38	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 021105-id

PLOT DATE : 10/23/2024 9:42 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

ALLIANT ENERGY - ELEC.

BRIGHTSPEED FIBER OPTIC

ALLIANT ENERGY - COM

STH 11 / STH 80

END OF LANE BASE WIDENING STA. 257+73.00

257+73.00
2.26'RT
977.23'

258+00

257+00

256+00

AP01

AP02

255+50.00
5.98'RT
972.31'

255+50.00
17.98'RT
972.07'

255+50.00
22.98'RT
971.97'

256+00.00
5.14'RT
973.34'

256+00.00
17.14'RT
973.10'

256+00.00
22.15'RT
973.00'

256+50.00
4.31'RT
974.43'

256+50.00
16.31'RT
974.19'

256+50.00
21.31'RT
974.09'

257+00.00
3.48'RT
975.56'

257+00.00
15.48'RT
975.32'

257+00.00
20.48'RT
975.22'

257+50.00
2.64'RT
976.69'

257+50.00
14.64'RT
976.45'

257+50.00
19.65'RT
976.35'

257+73.00
14.26'RT
976.99'

257+73.00
19.26'RT
976.89'

CUBA CITY TELEPHONE - FO

SI

EXISTING R/W

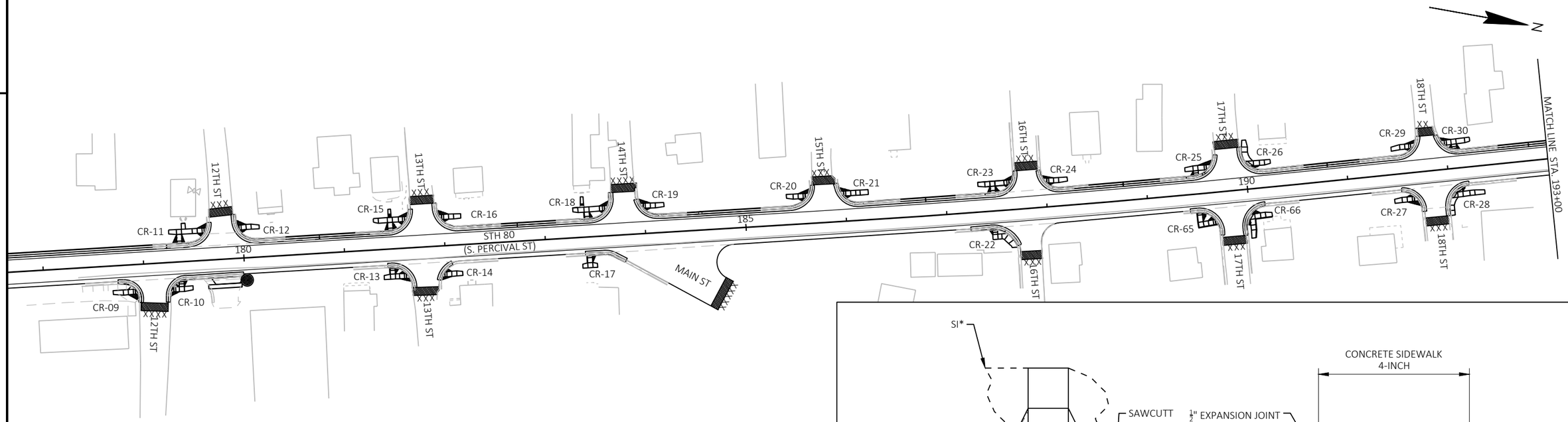
PROPOSE R/W

N

AP01	ASPHALTIC PAVEMENT 4.5-INCH
AP02	ASPHALTIC PAVEMENT 5-INCH

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	INTERSECTION DETAILS	SHEET 39	E

2

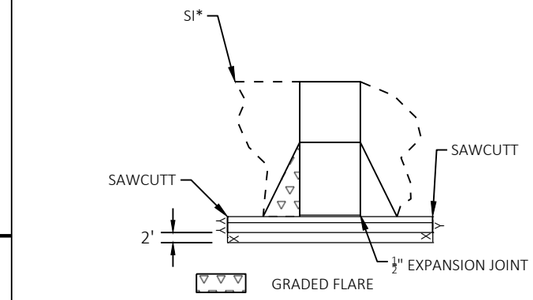


CR - RECONSTRUCT CURB RAMP TO MEET ADA STANDARDS TO THE EXTENT FEASABLE WITHIN EXISTING RIGHT-OF-WAY UNLESS ADDITIONAL RIGHT-OF-WAY IS ACQUIRED. SEE CURB RAMP DETAILS FOR LAYOUT INFORMATION.

NOTE: SEE TRANSPORTATION PROJECT PLAT FOR ADDITIONAL INFORMATION ON EXISTING RIGHT-OF-WAY EXTENTS AND LAND ACQUISITION.

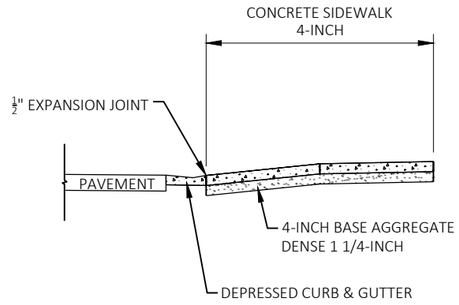
LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

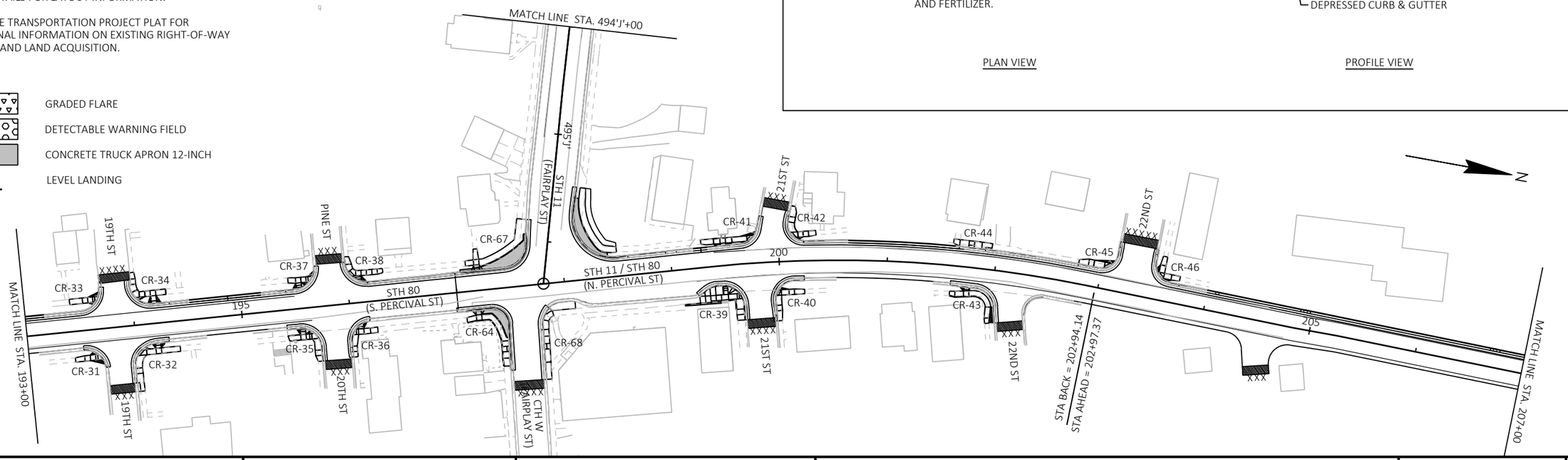


*RESTORATION WITH MULCH, SEED, AND FERTILIZER.

PLAN VIEW



PROFILE VIEW



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - CURB RAMP DETAILS OVERVIEW	SHEET 40	E

CR - RECONSTRUCT CURB RAMP TO MEET ADA STANDARDS TO THE EXTENT FEASABLE WITHIN EXISTING RIGHT-OF-WAY UNLESS ADDITIONAL RIGHT-OF-WAY IS ACQUIRED. SEE CURB RAMP DETAILS FOR LAYOUT INFORMATION.

NOTE: SEE TRANSPORTATION PROJECT PLAT FOR ADDITIONAL INFORMATION ON EXISTING RIGHT-OF-WAY EXTENTS AND LAND ACQUISITION.

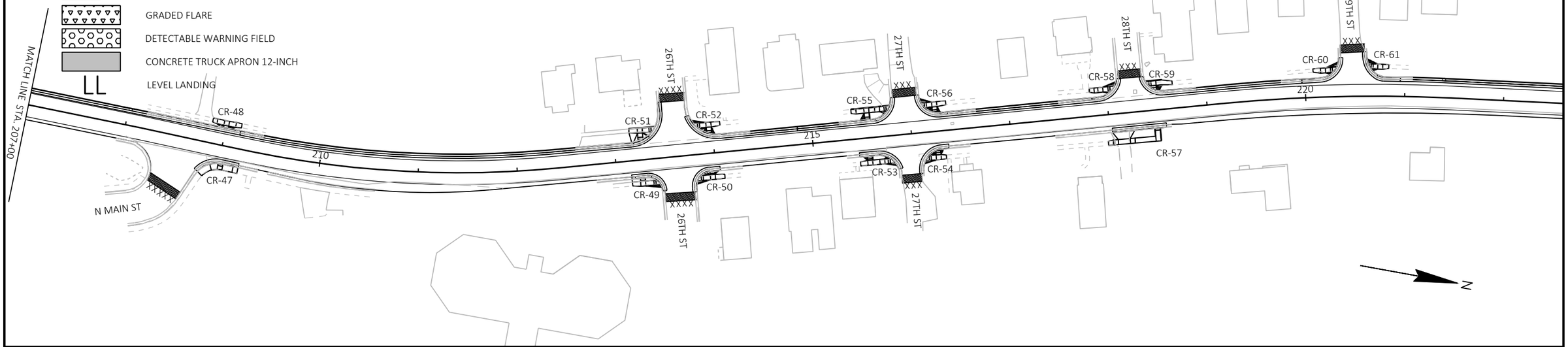
LEGEND:

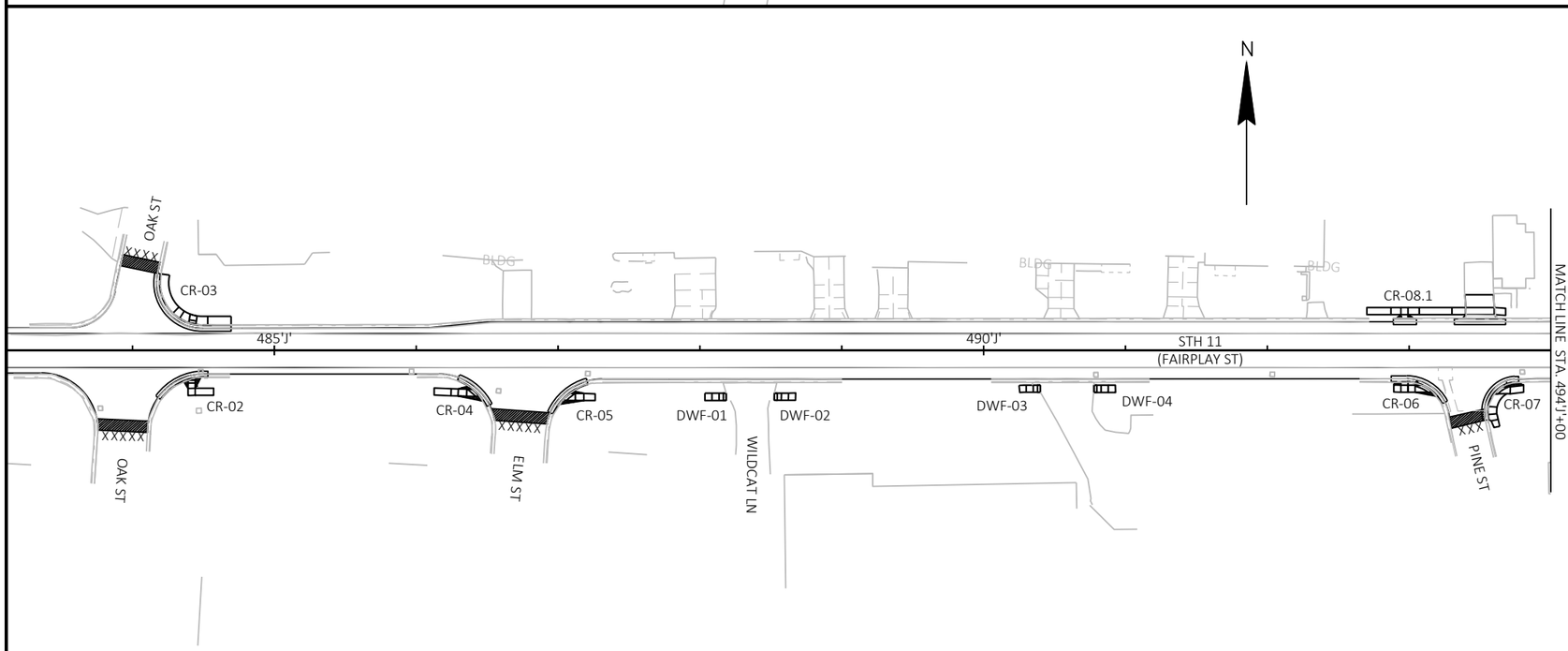
GRADED FLARE

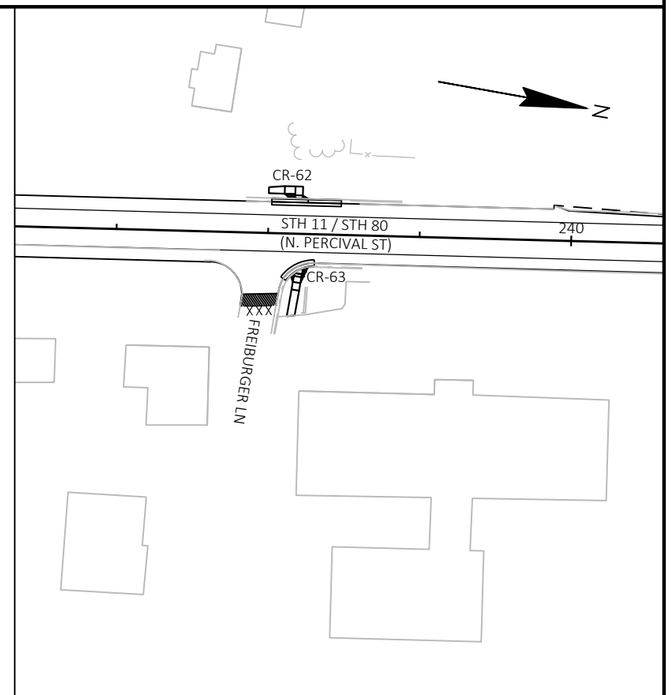
DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

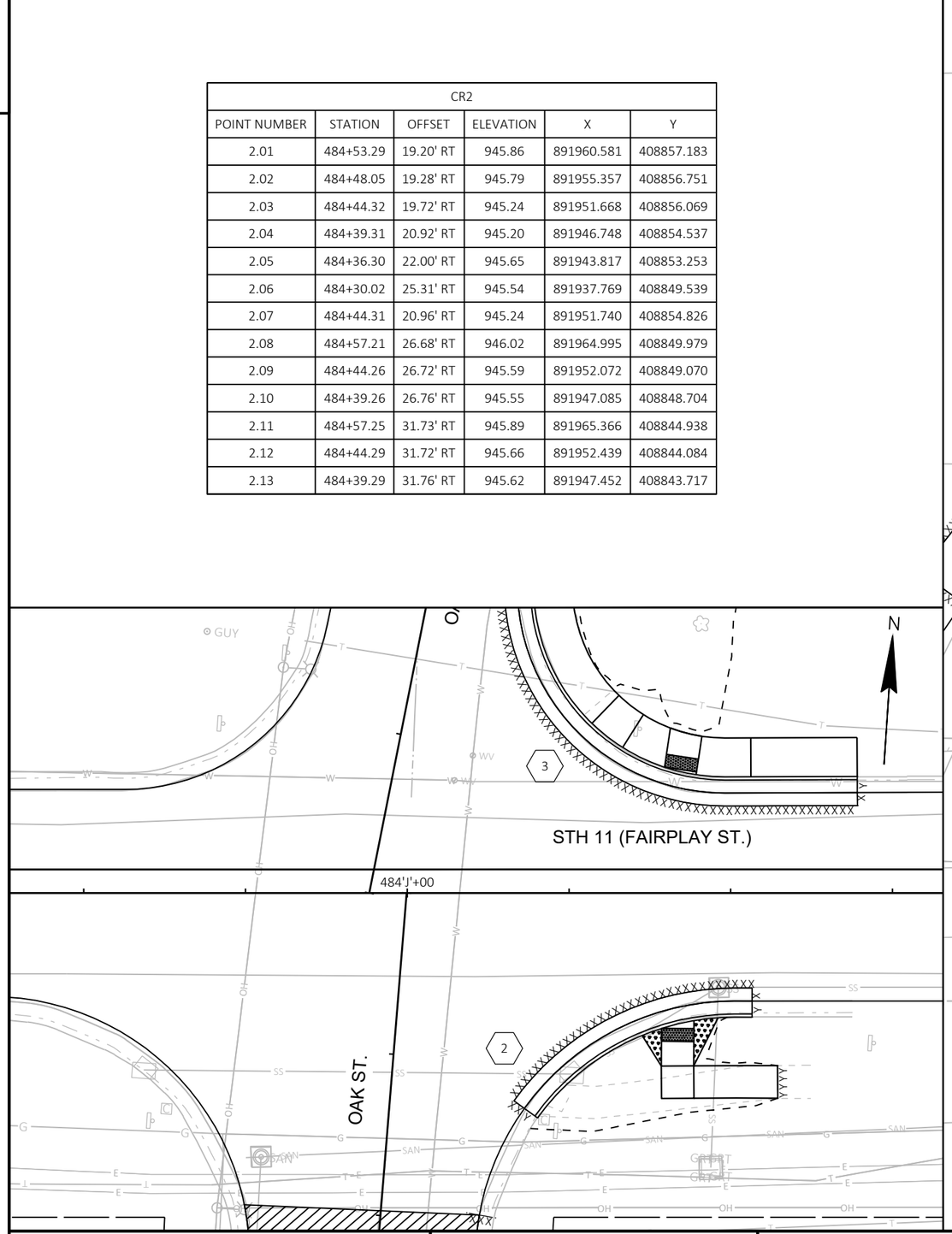


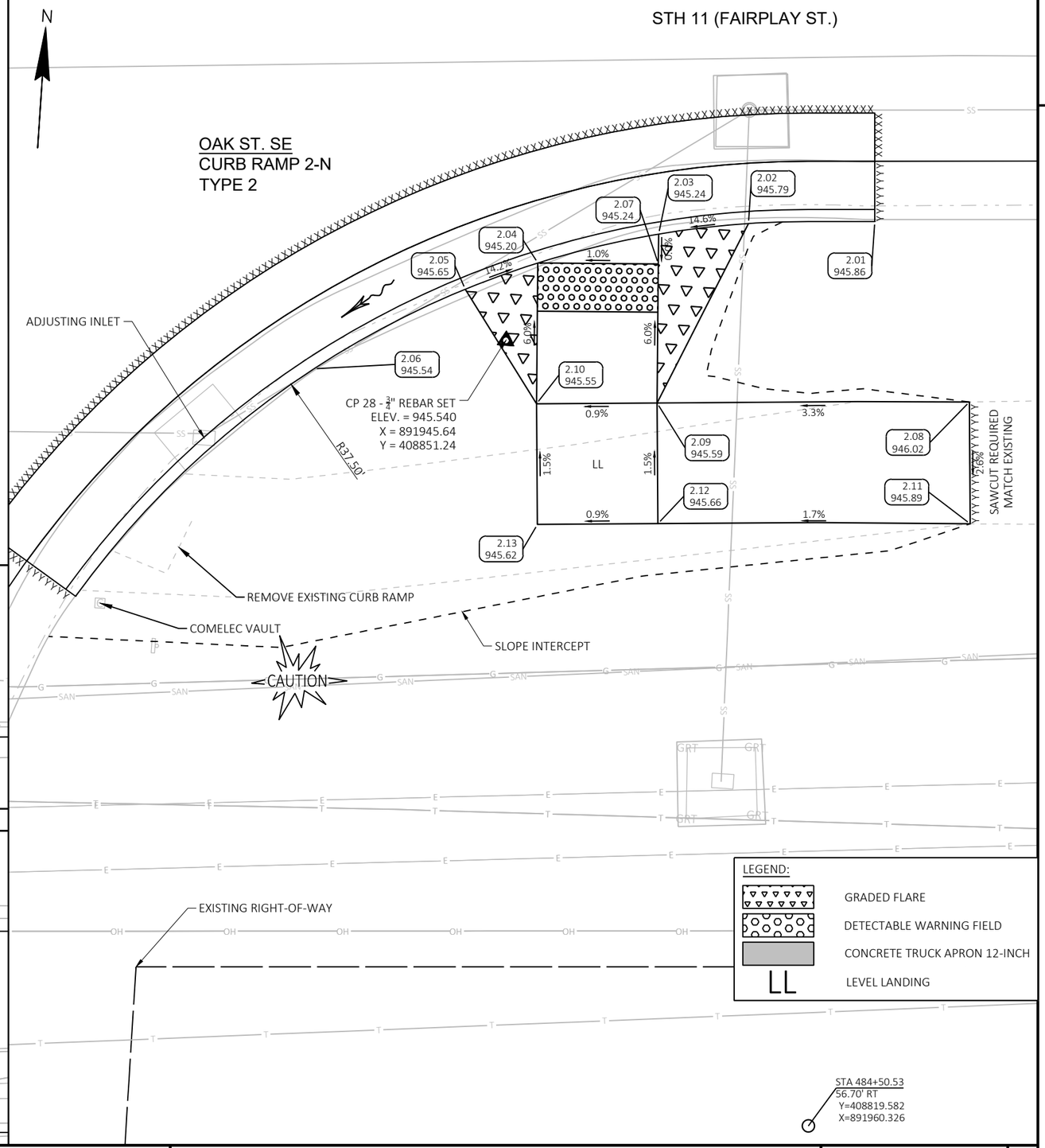




PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CONSTRUCTION DETAILS - CURB RAMP DETAILS OVERVIEW	SHEET 41	E

CR2					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
2.01	484+53.29	19.20' RT	945.86	891960.581	408857.183
2.02	484+48.05	19.28' RT	945.79	891955.357	408856.751
2.03	484+44.32	19.72' RT	945.24	891951.668	408856.069
2.04	484+39.31	20.92' RT	945.20	891946.748	408854.537
2.05	484+36.30	22.00' RT	945.65	891943.817	408853.253
2.06	484+30.02	25.31' RT	945.54	891937.769	408849.539
2.07	484+44.31	20.96' RT	945.24	891951.740	408854.826
2.08	484+57.21	26.68' RT	946.02	891964.995	408849.979
2.09	484+44.26	26.72' RT	945.59	891952.072	408849.070
2.10	484+39.26	26.76' RT	945.55	891947.085	408848.704
2.11	484+57.25	31.73' RT	945.89	891965.366	408844.938
2.12	484+44.29	31.72' RT	945.66	891952.439	408844.084
2.13	484+39.29	31.76' RT	945.62	891947.452	408843.717





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - OAK ST	SHEET 42	E

LEGEND:

GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

CR3					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
3.01	484+69.55	18.03' LT	945.91	891974.333	408895.404
3.02	484+69.53	24.03' LT	946.00	891973.914	408901.389
3.03	484+53.11	17.97' LT	946.01	891957.935	408894.256
3.04	484+53.09	23.97' LT	945.97	891957.515	408900.241
3.05	484+53.11	17.97' LT	946.01	891957.935	408894.256
3.06	484+44.66	18.28' LT	945.37	891949.476	408894.003
3.07	484+45.02	20.68' LT	945.40	891949.674	408896.422
3.08	484+45.54	24.22' LT	945.36	891949.966	408899.983
3.09	484+39.78	19.44' LT	945.21	891944.528	408894.836
3.10	484+40.07	21.42' LT	945.24	891944.691	408896.830
3.11	484+40.68	25.49' LT	945.29	891945.027	408900.927
3.12	484+33.30	22.49' LT	945.45	891937.859	408897.451
3.13	484+36.49	27.57' LT	945.52	891940.712	408902.730
3.14	484+28.55	26.21' LT	945.15	891932.874	408900.846
3.15	484+32.71	30.53' LT	945.23	891936.740	408905.435
3.16	484+26.00	52.20' LT	942.91	891928.603	408926.603
3.17	484+26.22	52.96' LT	942.82	891928.776	408927.376
3.18	484+20.19	53.73' LT	942.61	891922.705	408927.745

SAWCUT REQUIRED
MATCH EXISTING
3.2%

3.17 942.82

3.18 942.61

3.16 942.91

EXISTING RIGHT-OF-WAY

11.9%

TEF

STA 484+49.02
-47.46' LT
Y=408923.405
X=891951.884

N

OAK ST.

2.5%

6.00'

8.5%

0.6%

SLOPE INTERCEPT

8.0%

R29.50'

6.2%

3.15 945.23

3.13 945.52

6.0%

1.3%

3.11 945.29

3.08 945.36

3.14 945.15

1.2%

4.9%

3.04 945.97

1.5%

LL

7.0%

0.2%

3.02 946.00

1.3%

5.00'

1.1%

3.12 945.45

3.10 945.24

3.3%

3.07 945.40

1.5%

0.7%

1.5%

1.5%

3.03 946.01

3.01 945.91

3.7%

8.6%

6.4%

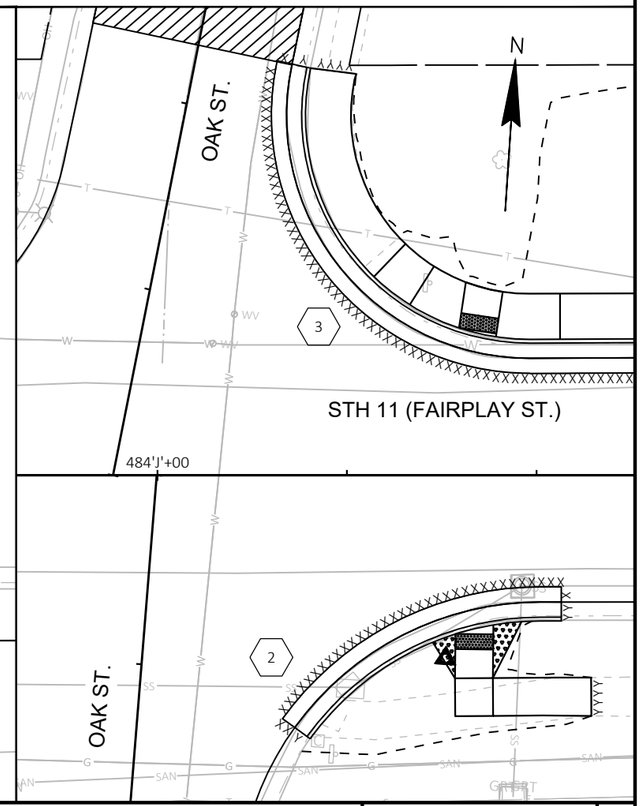
4.0%

3.09 945.21

3.06 945.37

OAK ST. NE
CURB RAMP 3
TYPE 7A

STH 11 (FAIRPLAY ST.)



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - OAK ST	SHEET 43	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021302-cr

PLOT DATE : 1/9/2025 2:26 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

STH 11 (FAIRPLAY ST.)

RADIAL FIELD
BACK OF CURB RADIUS = 37.50'
'XR' LENGTH = 8.92'
TOTAL SF = 14.77
CHORD LENGTH = 7.11'

ELM ST. SW
CURB RAMP 4
TYPE 4B1

SLOPE INTERCEPT

SAWCUT REQUIRED
MATCH EXISTING

4.12 945.51
4.11 945.58
4.10 945.72
4.09 945.78
4.08 945.67
4.07 945.73
4.06 945.59
4.05 945.50
4.04 945.76
4.03 945.32
4.02 945.43
4.01 945.97
4.13 945.58

R37.50'

1.8% 1.0% 2.9% 12.8% 3.9% 1.4% 4.2%
1.5% 1.2% 1.2% 1.8% 5.0% 5.0%
1.7% 1.0% 2.3% 0.2%

LL

CAUTION

COMELEC VAULT

SIGN TO REMAIN

ELM ST.

EXISTING RIGHT-OF-WAY

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

STA 486+15.82
56.65' RT
Y=408830.627
X=892125.245

CR4					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
4.01	486+46.86	35.60' RT	945.97	892154.815	408853.689
4.02	486+44.55	32.54' RT	945.43	892152.304	408856.589
4.03	486+39.26	27.38' RT	945.32	892146.687	408861.392
4.04	486+36.45	25.34' RT	945.76	892143.749	408863.243
4.05	486+35.63	27.28' RT	945.50	892143.060	408861.253
4.06	486+35.48	32.27' RT	945.59	892143.240	408856.256
4.07	486+29.48	32.09' RT	945.73	892137.244	408856.040
4.08	486+29.64	27.09' RT	945.67	892137.064	408861.037
4.09	486+24.49	31.94' RT	945.78	892132.248	408855.860
4.10	486+24.64	26.92' RT	945.72	892132.067	408860.879
4.11	486+12.67	31.57' RT	945.58	892120.432	408855.435
4.12	486+12.69	26.48' RT	945.51	892120.109	408860.516
4.13	486+41.57	32.45' RT	945.58	892149.325	408856.480

N

487'J'+00

STH 11 (FAIRPLAY ST.)

4

5

ELM ST.

4.13 945.58

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - ELM ST	SHEET 44	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021303-cr

PLOT DATE : 1/9/2025 2:26 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

N

STH 11 (FAIRPLAY ST.)

INLET TO REMAIN

ELM ST. SE
CURB RAMP 5
TYPE 4B1

SLOPE INTERCEPT

5.04
946.00

5.03
945.53

5.09
945.83

5.11
946.06

5.07
945.59

5.02
945.62

5.05
945.66

5.01
946.16

5.06
945.66

5.08
945.90

5.10
945.97

15.8%
15.5%
4.0%
2.9%
0.9%
3.7%
1.5%
1.5%
1.9%
0.0%
4.0%
2.8%
15.5%
1.5%

SAWCUT REQUIRED
MATCH EXISTING

CAUTION

ELM ST.

COMELEC VAULT

RADIAL FIELD
BACK OF CURB RADIUS = 37.5'
'XR' LENGTH = 8.44'
TOTAL SF = 14.79
CHORD LENGTH = 7.12'

R37.50'

EXISTING RIGHT-OF-WAY

GUY

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

STA 487+31.07
60.30' RT
Y=408834.646
X=892240.481

CR5					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
5.01	487+00.95	37.97' RT	946.16	892208.941	408854.931
5.02	487+03.14	35.28' RT	945.62	892210.950	408857.759
5.03	487+08.59	30.29' RT	945.53	892216.059	408863.103
5.04	487+11.03	28.61' RT	946.00	892218.373	408864.936
5.05	487+06.09	35.28' RT	945.66	892213.893	408857.951
5.06	487+12.23	35.29' RT	945.66	892220.023	408858.352
5.07	487+12.24	30.29' RT	945.59	892219.697	408863.341
5.08	487+18.23	35.30' RT	945.90	892226.010	408858.743
5.09	487+18.24	30.30' RT	945.83	892225.684	408863.733
5.10	487+26.23	35.32' RT	945.97	892233.992	408859.250
5.11	487+26.24	30.60' RT	946.06	892233.683	408863.968

N

487'J'+00

STH 11 (FAIRPLAY ST.)

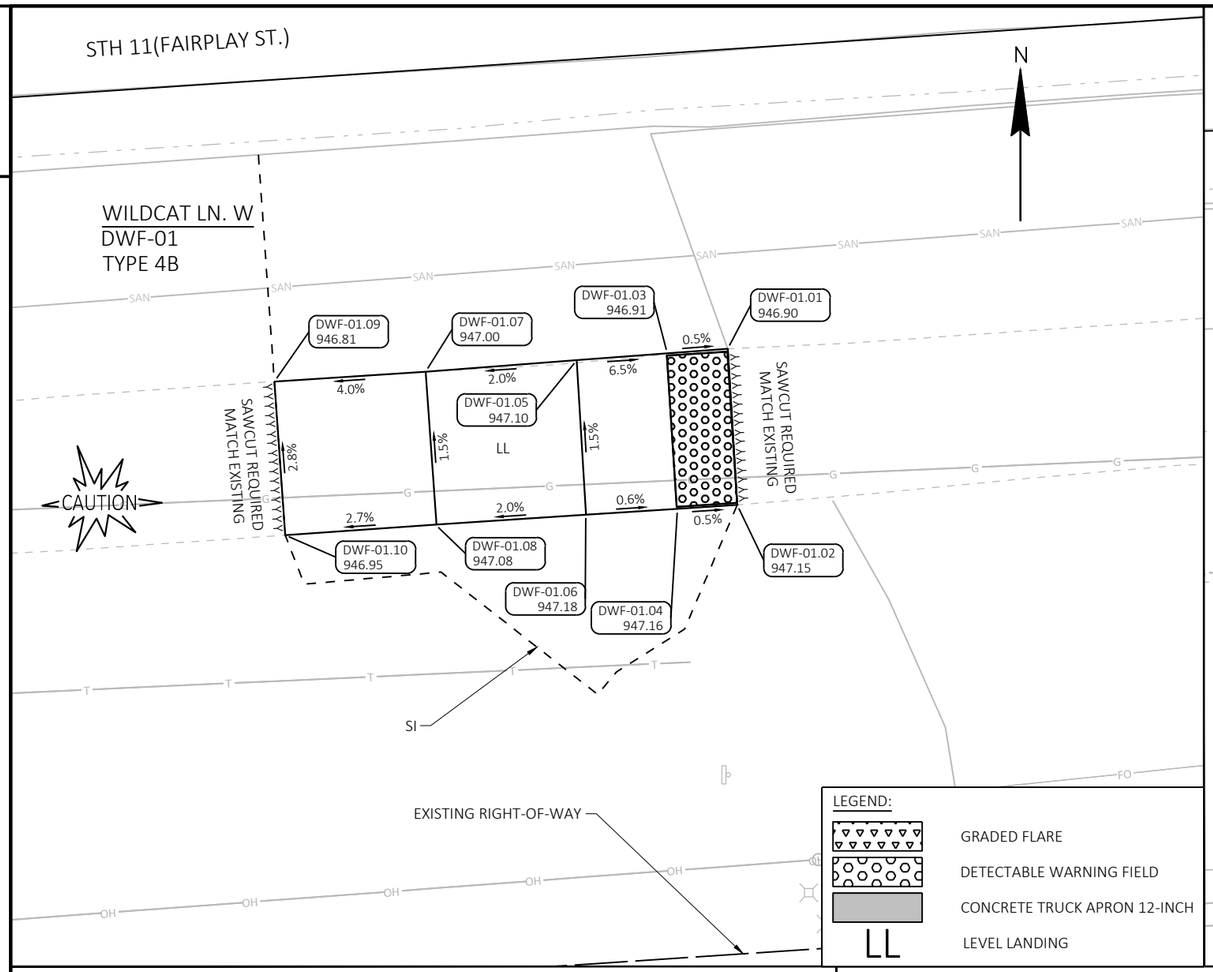
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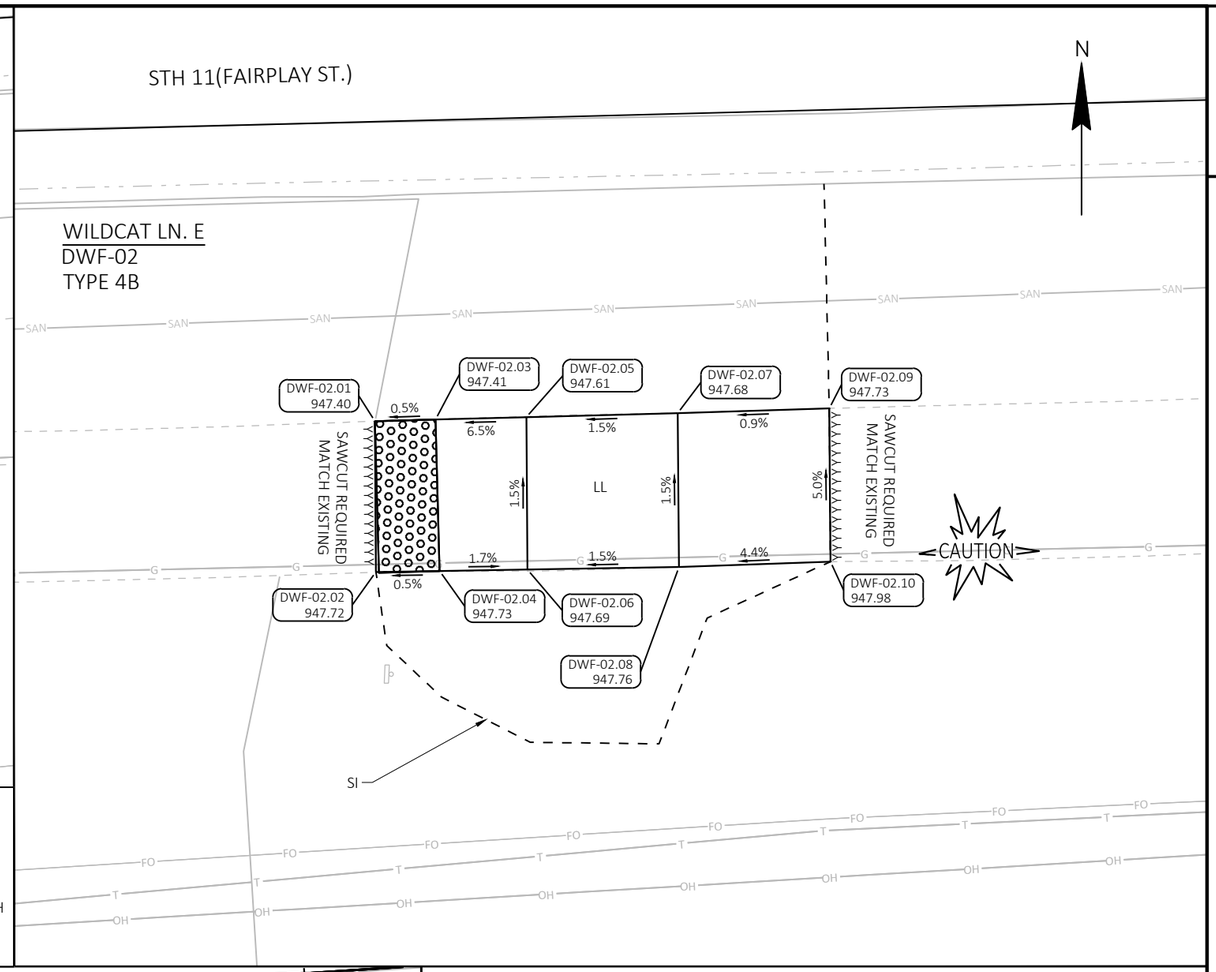
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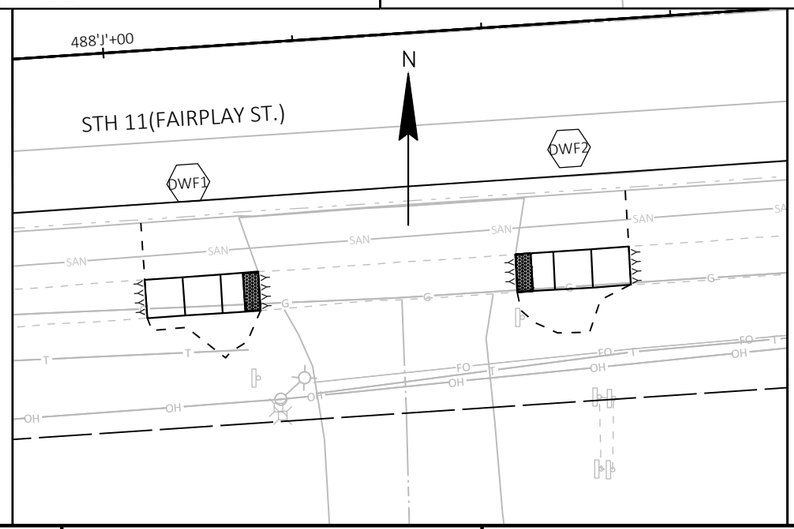
4.13
945.58

ELM ST.

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - ELM ST	SHEET 45	E







DWF-01					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
DWF-01.01	488+18.48	30.11' RT	946.90	408870.59	892325.68
DWF-01.02	488+18.44	35.27' RT	947.15	408865.44	892326.00
DWF-01.03	488+16.48	30.13' RT	946.91	408870.44	892323.69
DWF-01.04	488+16.47	35.27' RT	947.16	408865.31	892324.02
DWF-01.05	488+13.48	30.15' RT	947.10	408870.21	892320.70
DWF-01.06	488+13.44	35.24' RT	947.18	408865.14	892321.00
DWF-01.07	488+08.47	30.20' RT	947.00	408869.83	892315.71
DWF-01.08	488+08.47	35.25' RT	947.08	408864.79	892316.04
DWF-01.09	488+03.47	30.19' RT	946.81	408869.51	892310.72
DWF-01.10	488+03.49	35.27' RT	946.95	408864.44	892311.08

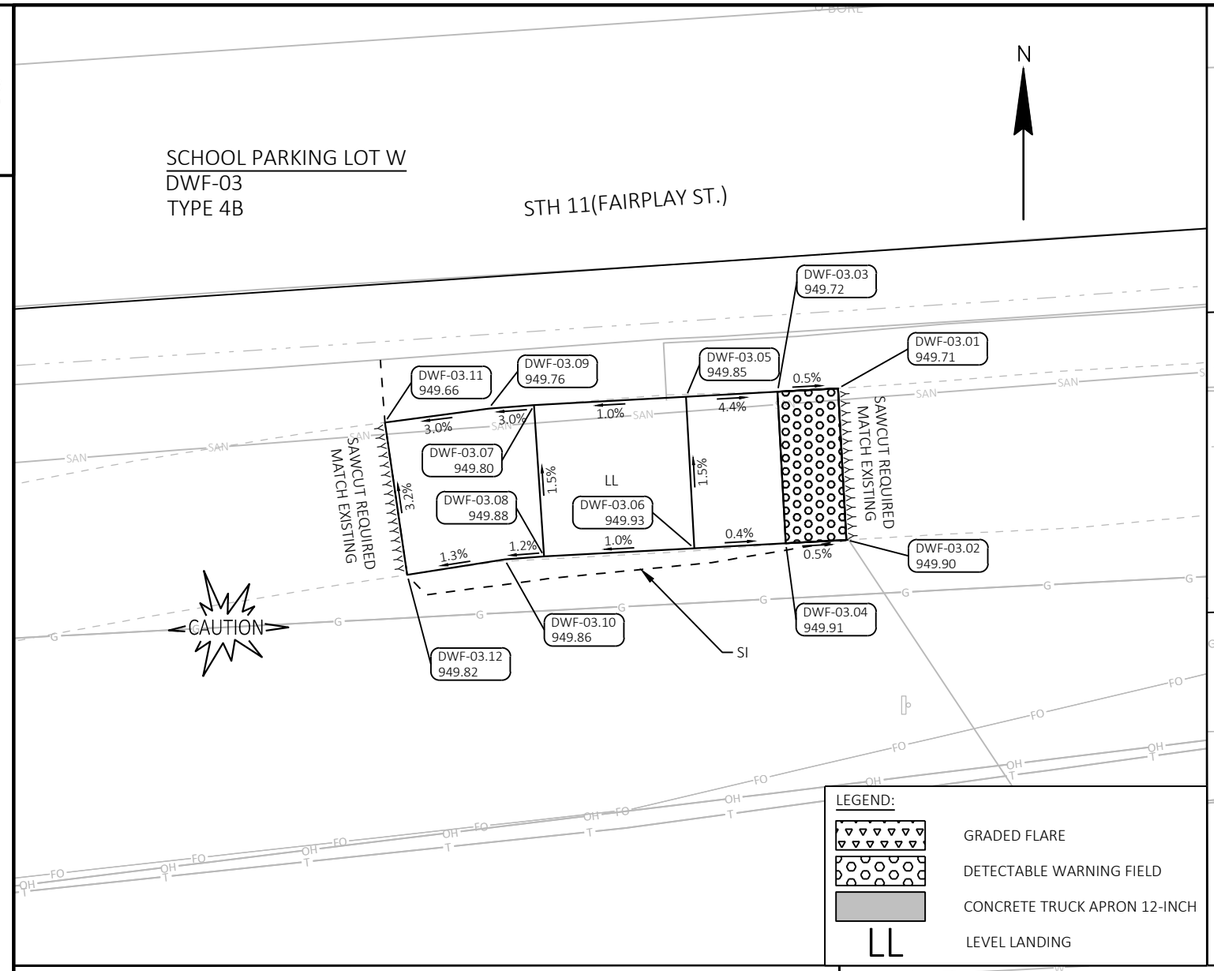
DWF-02					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
DWF-02.01	488+52.51	30.10' RT	947.40	408872.86	892359.64
DWF-02.02	488+52.41	35.07' RT	947.72	408867.89	892359.88
DWF-02.03	488+54.51	30.10' RT	947.41	408873.00	892361.63
DWF-02.04	488+54.51	35.09' RT	947.73	408868.01	892361.97
DWF-02.05	488+57.50	30.09' RT	947.61	408873.20	892364.63
DWF-02.06	488+57.41	35.12' RT	947.69	408868.18	892364.87
DWF-02.07	488+62.50	30.08' RT	947.68	408873.54	892369.61
DWF-02.08	488+62.41	35.16' RT	947.76	408868.47	892369.86
DWF-02.09	488+67.50	30.06' RT	947.73	408873.90	892374.60
DWF-02.10	488+67.41	35.11' RT	947.98	408868.85	892374.85

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - WILDCAT	SHEET 46	E

2

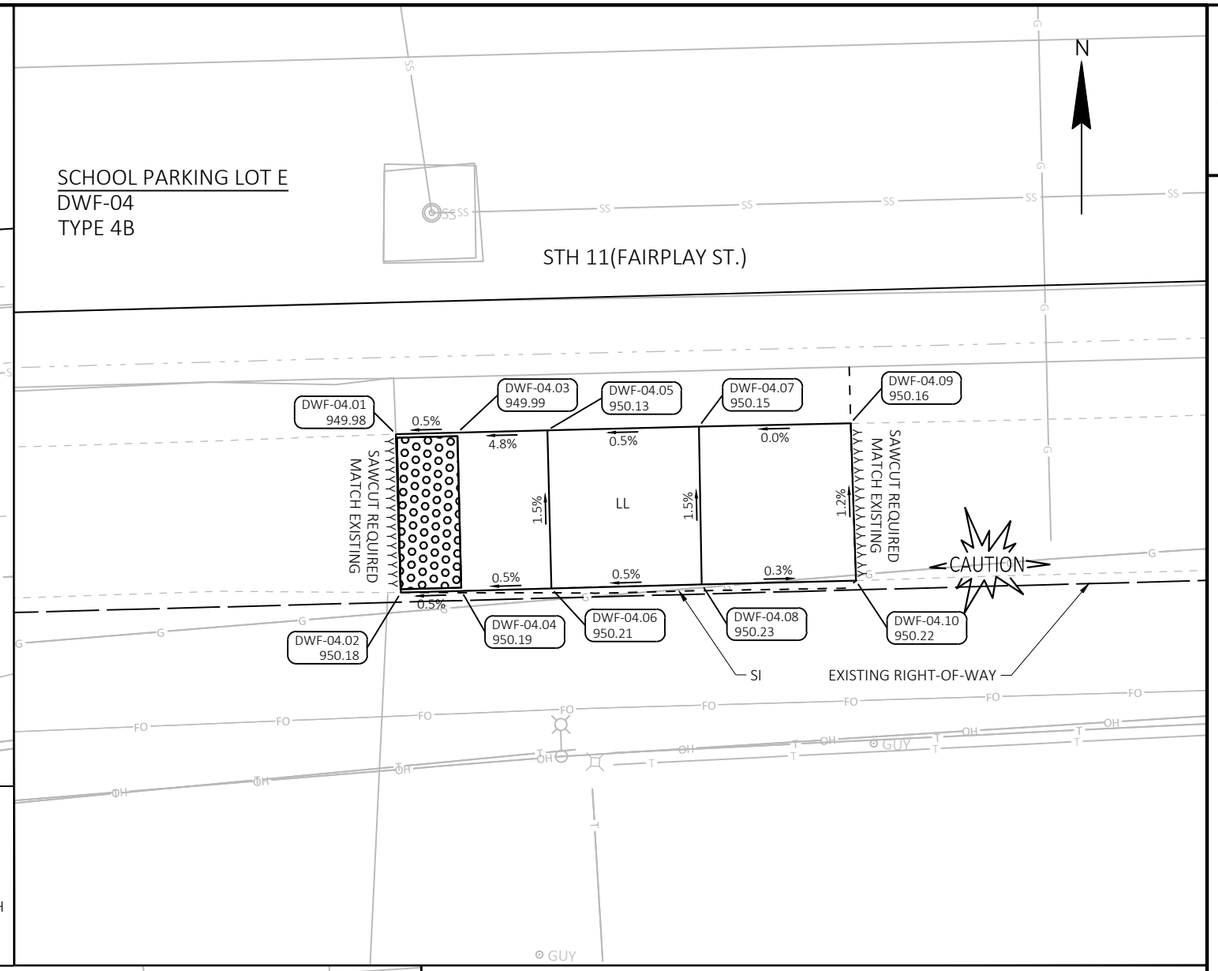
SCHOOL PARKING LOT W
DWF-03
TYPE 4B

STH 11(FAIRPLAY ST.)

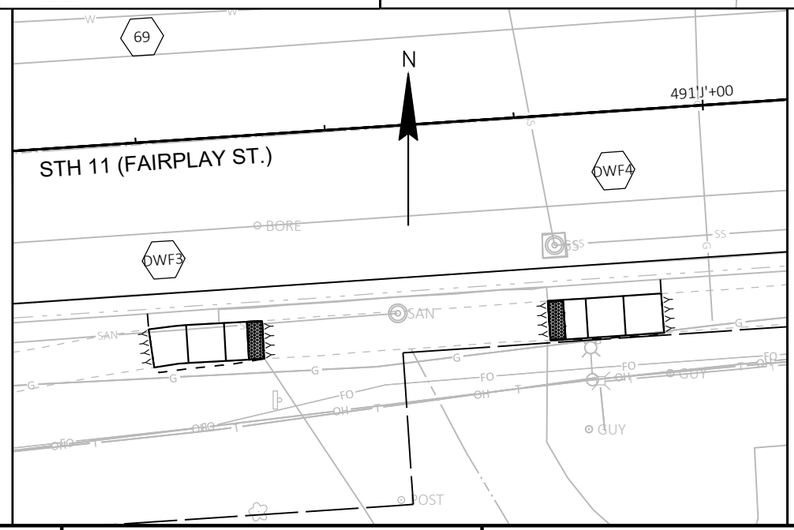


SCHOOL PARKING LOT E
DWF-04
TYPE 4B

STH 11(FAIRPLAY ST.)

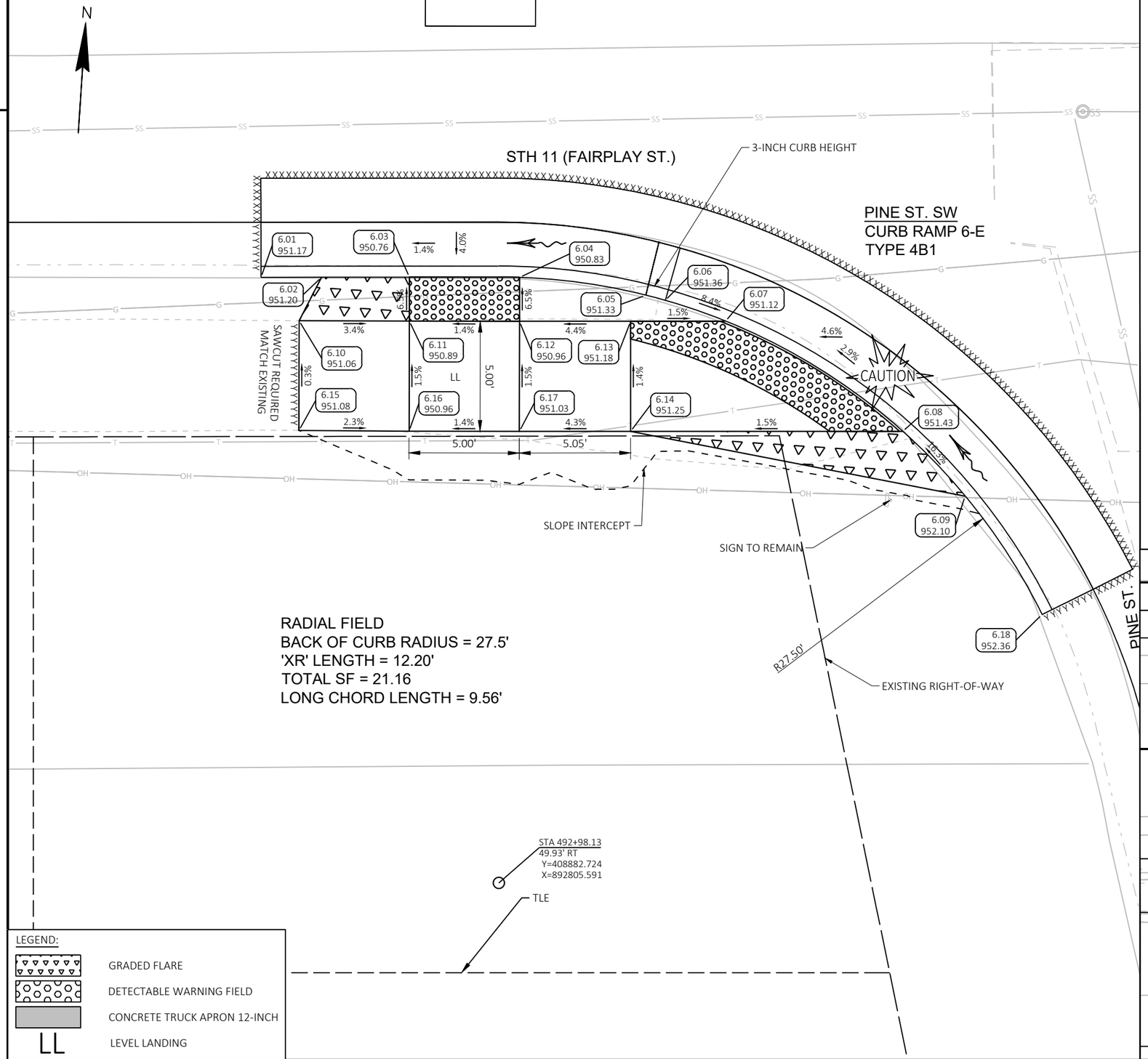


DWF-03					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
DWF-03.01	490+40.06	24.54' RT	949.71	408890.88	892546.41
DWF-03.02	490+40.00	29.54' RT	949.90	408885.89	892546.69
DWF-03.03	490+38.06	24.52' RT	949.72	408890.78	892544.41
DWF-03.04	490+38.01	29.52' RT	949.91	408885.78	892544.69
DWF-03.05	490+35.04	24.48' RT	949.85	408890.61	892541.40
DWF-03.06	490+34.98	29.48' RT	949.93	408885.62	892541.67
DWF-03.07	490+30.02	24.42' RT	949.80	408890.33	892536.38
DWF-03.08	490+30.02	29.42' RT	949.88	408885.35	892536.71
DWF-03.09	490+28.52	24.44' RT	949.76	408890.22	892534.89
DWF-03.10	490+28.71	29.44' RT	949.86	408885.24	892535.41
DWF-03.11	490+25.07	24.67' RT	949.66	408889.76	892531.46
DWF-03.12	490+25.47	29.73' RT	949.82	408884.74	892532.20



DWF-04					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
DWF-04.01	490+77.86	24.42' RT	949.98	408893.52	892584.12
DWF-04.02	490+77.90	29.65' RT	950.18	408888.31	892584.50
DWF-04.03	490+79.90	24.42' RT	949.99	408893.66	892586.15
DWF-04.04	490+79.90	29.64' RT	950.19	408888.45	892586.50
DWF-04.05	490+82.86	24.42' RT	950.13	408893.85	892589.11
DWF-04.06	490+82.86	29.64' RT	950.21	408888.65	892589.45
DWF-04.07	490+87.86	24.42' RT	950.15	408894.18	892594.10
DWF-04.08	490+87.83	29.63' RT	950.23	408888.99	892594.41
DWF-04.09	490+92.87	24.45' RT	950.16	408894.49	892599.09
DWF-04.10	490+92.92	29.64' RT	950.22	408889.32	892599.49

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - SCHOOL	SHEET 47	E



CR6					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
6.01	492+87.33	22.44' RT	951.17	892792.993	408909.438
6.02	492+90.08	22.43' RT	951.20	892795.737	408909.622
6.03	492+94.07	22.43' RT	950.76	892799.714	408909.890
6.04	492+99.07	22.44' RT	950.83	892804.703	408910.209
6.05	493+04.80	23.25' RT	951.33	892810.472	408909.787
6.06	493+05.68	23.49' RT	951.36	892811.371	408909.609
6.07	493+08.42	24.43' RT	951.12	892814.168	408908.852
6.08	493+16.45	29.43' RT	951.43	892822.515	408904.399
6.09	493+19.29	32.37' RT	952.10	892825.542	408901.650
6.10	492+89.07	24.40' RT	951.06	892794.852	408907.589
6.11	492+94.07	24.42' RT	950.89	892799.842	408907.905
6.12	492+99.07	24.43' RT	950.96	892804.832	408908.228
6.13	493+04.11	24.43' RT	951.18	892809.864	408908.564
6.14	493+04.11	29.43' RT	951.25	892810.198	408903.575
6.15	492+89.06	29.38' RT	951.08	892795.174	408902.619
6.16	492+94.06	29.42' RT	950.96	892800.165	408902.915
6.17	492+99.06	29.43' RT	951.03	892805.155	408903.238
6.18	493+22.78	37.74' RT	952.36	892829.378	408896.524

PINE ST. SE
CURB RAMP 7
TYPE 7B

PINE ST. SE
CURB RAMP 7
TYPE 4B1

INLET TO REMAIN

STH 11 (FAIRPLAY ST.)

CAUTION

SIGN TO REMAIN

7.01 952.91
7.02 952.89
7.03 952.86
7.04 952.30
7.05 952.26
7.06 952.74
7.07 952.67
7.08 952.62
7.09 952.81
7.10 953.14
7.11 952.97
7.12 953.30
7.13 953.13
7.14 952.99
7.15 952.94
7.16 952.33
7.17 952.37
7.18 952.39
7.19 952.31

SAWCUT REQUIRED
MATCH EXISTING

LL

PRW

SLOPE INTERCEPT

LIGHT POLE

TLE

EXISTING RIGHT-OF-WAY

STA 493+75.81
43.06' RT
Y=408894.742
X=892882.650

PINE ST.

N

RADIAL FIELD
BACK OF CURB RADIUS = 20.17'
'XR' LENGTH = 10.70'
TOTAL SF = 16.71
LONG CHORD LENGTH = 8.01'

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

CR7					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
7.01	493+56.18	48.84' RT	952.91	892863.440	408887.677
7.02	493+55.76	45.17' RT	952.89	892862.780	408891.301
7.03	493+55.95	39.53' RT	952.86	892862.598	408896.943
7.04	493+59.95	30.61' RT	952.30	892865.991	408906.117
7.05	493+66.01	25.43' RT	952.26	892871.693	408911.680
7.06	493+69.07	24.05' RT	952.74	892874.654	408913.262
7.07	493+77.34	22.76' RT	952.69	892882.818	408915.102
7.08	493+80.58	24.59' RT	952.62	892886.175	408913.493
7.09	493+80.59	29.49' RT	952.81	892886.511	408908.601
7.10	493+59.78	54.37' RT	953.14	892867.405	408882.397
7.11	493+57.73	49.69' RT	952.97	892865.047	408886.927
7.12	493+63.71	53.54' RT	953.30	892871.273	408883.487
7.13	493+62.62	48.66' RT	953.13	892869.859	408888.283
7.14	493+61.74	44.70' RT	952.99	892868.712	408892.177
7.15	493+61.97	40.02' RT	952.94	892868.637	408896.858
7.16	493+62.74	30.58' RT	952.33	892868.778	408906.326
7.17	493+69.12	30.57' RT	952.37	892875.140	408906.762
7.18	493+71.12	30.60' RT	952.39	892877.137	408906.862
7.19	493+71.20	25.60' RT	952.31	892876.886	408911.855

8.1

STH 11 (FAIRPLAY ST.)

493'J'+00

494'J'+00

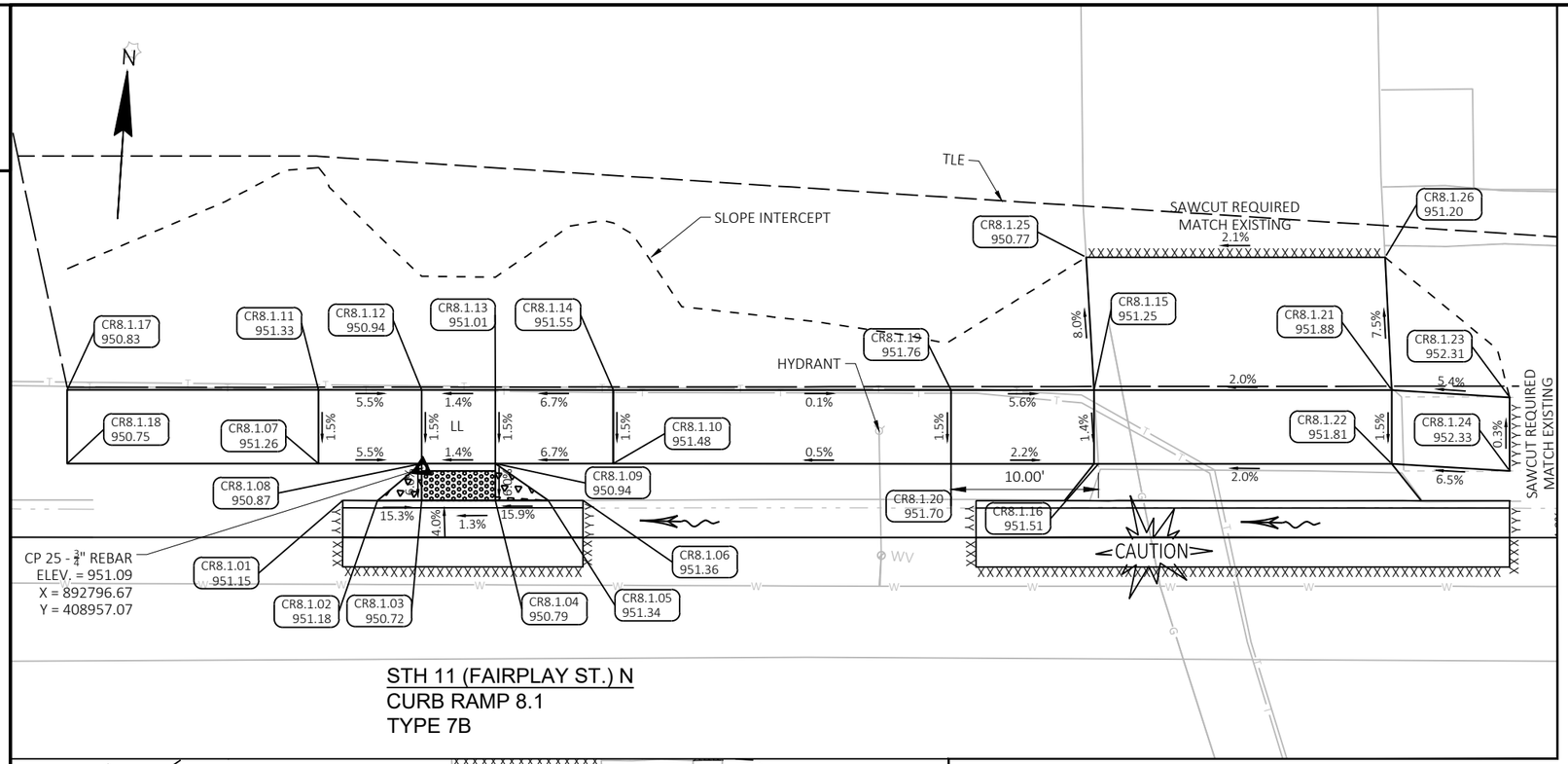
6

7

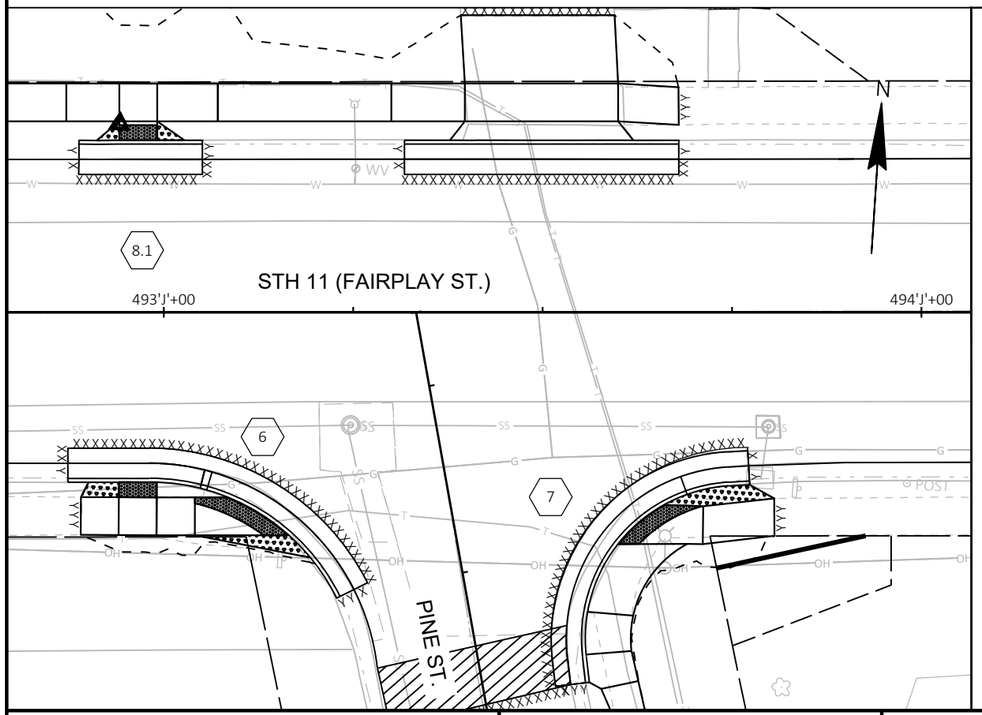
PINE ST.

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - PINE ST	SHEET 49	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021306-cr
PLOT DATE : 1/9/2025 2:28 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT



STH 11 (FAIRPLAY ST.) N
CURB RAMP 8.1
TYPE 7B

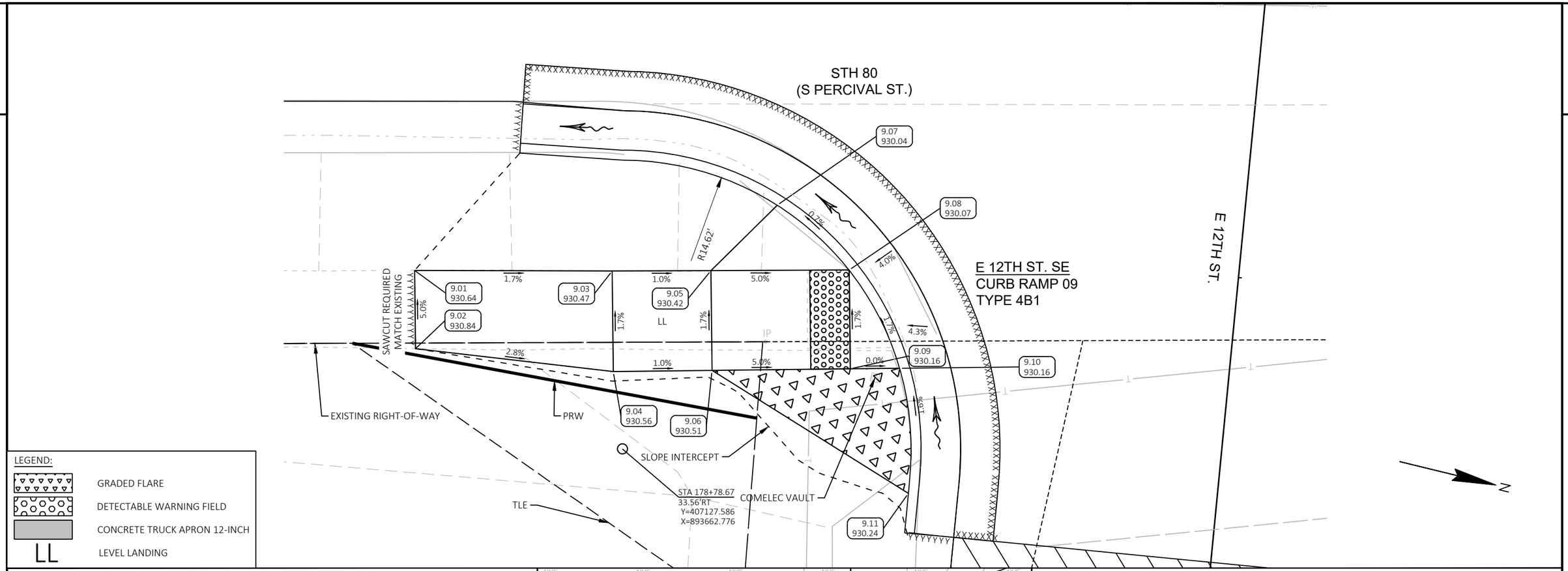


LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

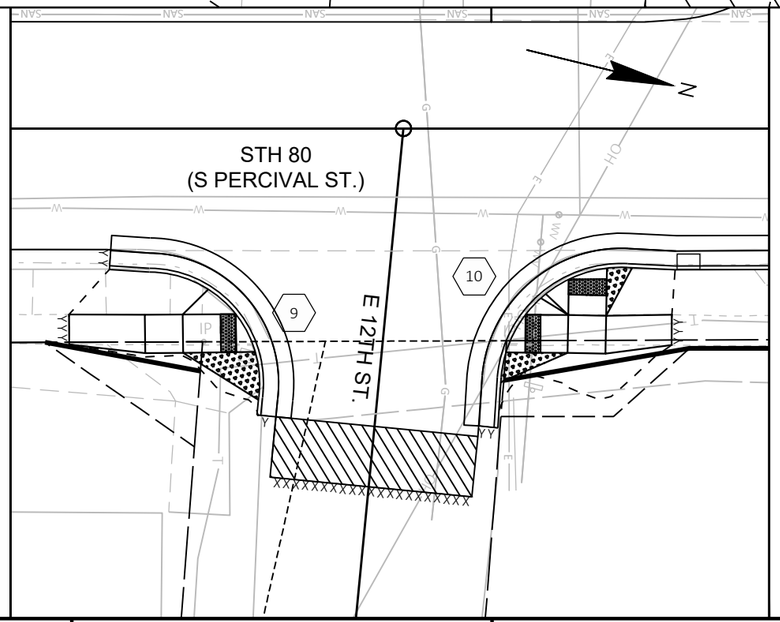
CR8.1					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
CR8.1.01	492+88.80	22.66' LT	951.15	408954.53	892791.46
CR8.1.02	492+91.14	22.65' LT	951.18	408954.68	892793.80
CR8.1.03	492+94.15	22.66' LT	950.72	408954.89	892796.79
CR8.1.04	492+99.15	22.66' LT	950.79	408955.22	892801.78
CR8.1.05	493+02.75	22.66' LT	951.34	408955.46	892805.38
CR8.1.06	493+05.10	22.67' LT	951.36	408955.62	892807.72
CR8.1.07	492+87.14	25.16' LT	951.26	408956.92	892789.64
CR8.1.08	492+94.14	25.16' LT	950.87	408957.38	892796.62
CR8.1.09	492+99.14	25.16' LT	950.94	408957.72	892801.61
CR8.1.10	493+07.14	25.17' LT	951.48	408958.25	892809.59
CR8.1.11	492+87.14	30.16' LT	951.33	408961.91	892789.30
CR8.1.12	492+94.14	30.16' LT	950.94	408962.37	892796.29
CR8.1.13	492+99.13	30.16' LT	951.01	408962.71	892801.27
CR8.1.14	493+07.13	30.17' LT	951.55	408963.24	892809.25
CR8.1.15	493+39.75	30.18' LT	951.25	408965.42	892841.80
CR8.1.16	493+40.05	25.18' LT	951.51	408960.45	892842.43
CR8.1.17	492+70.09	30.16' LT	950.83	408960.77	892772.29
CR8.1.18	492+70.10	25.16' LT	950.75	408955.78	892772.63
CR8.1.19	493+30.05	30.16' LT	951.76	408964.76	892832.12
CR8.1.20	493+30.05	25.17' LT	951.70	408959.78	892832.45
CR8.1.21	493+59.95	30.18' LT	951.88	408966.77	892861.95
CR8.1.22	493+59.95	25.18' LT	951.81	408961.78	892862.29
CR8.1.23	493+67.95	29.69' LT	952.31	408966.81	892869.96
CR8.1.24	493+67.95	24.70' LT	952.33	408961.83	892870.30
CR8.1.25	493+39.21	39.18' LT	950.77	408974.36	892840.66
CR8.1.26	493+59.49	39.18' LT	951.20	408975.72	892860.89

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - PINE ST	SHEET 50	E



LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

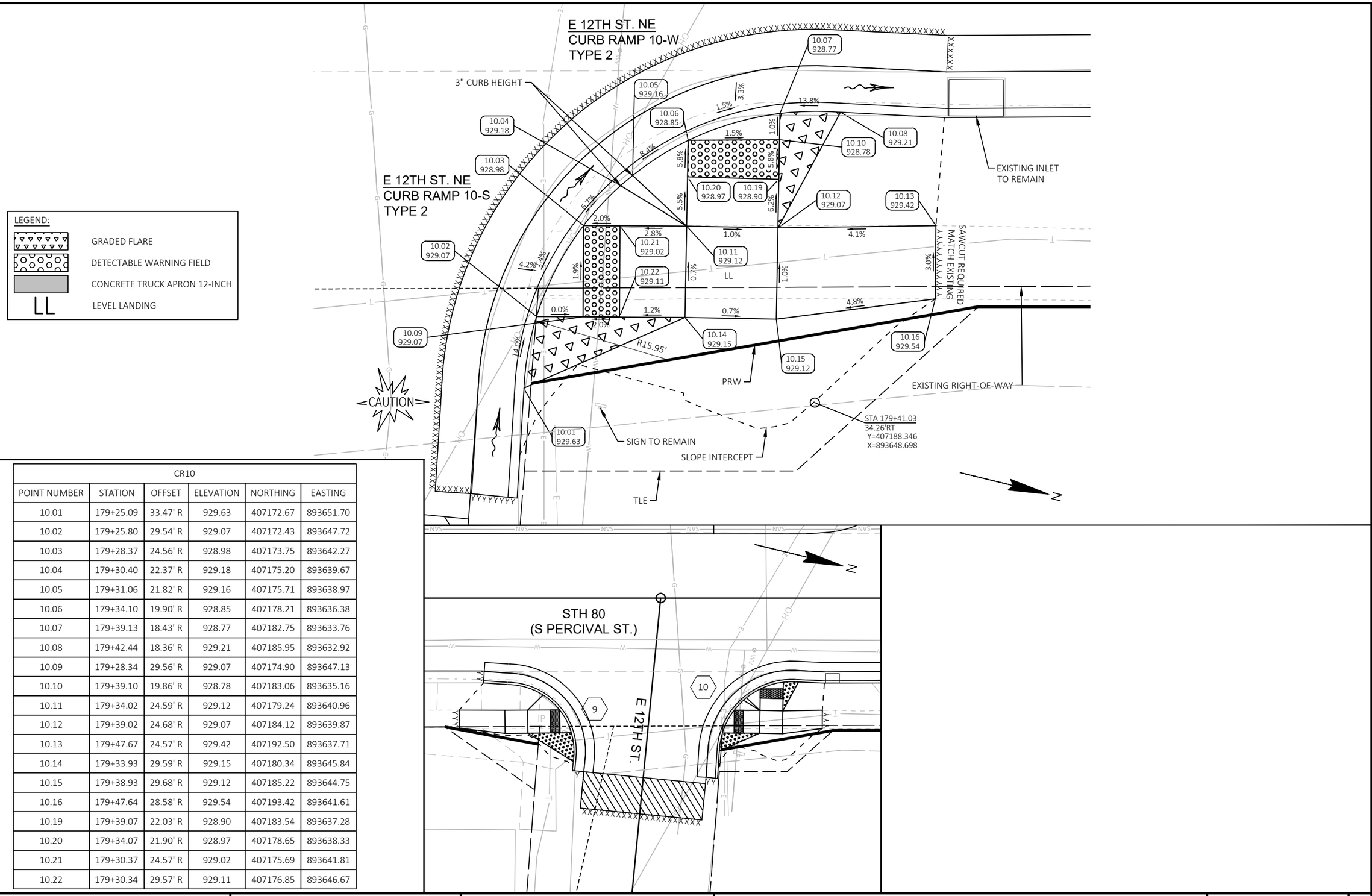


CR09					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
9.01	178+68.15	24.52' R	930.64	407115.23	893656.48
9.02	178+68.20	28.48' R	930.84	407116.21	893660.32
9.03	178+78.15	24.55' R	930.47	407124.95	893654.14
9.04	178+78.21	29.64' R	930.56	407126.21	893659.08
9.05	178+83.15	24.53' R	930.42	407129.81	893652.94
9.06	178+83.21	29.58' R	930.51	407131.06	893657.84
9.07	178+86.51	21.22' R	930.04	407132.28	893648.93
9.08	178+90.15	24.50' R	930.07	407136.60	893651.26
9.09	178+90.21	29.50' R	930.16	407137.84	893656.10
9.10	178+92.70	29.47' R	930.16	407140.26	893655.48
9.11	178+93.15	35.81' R	930.24	407142.19	893661.53

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 12TH ST	SHEET 51	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021308-cr
PLOT DATE : 1/9/2025 2:29 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

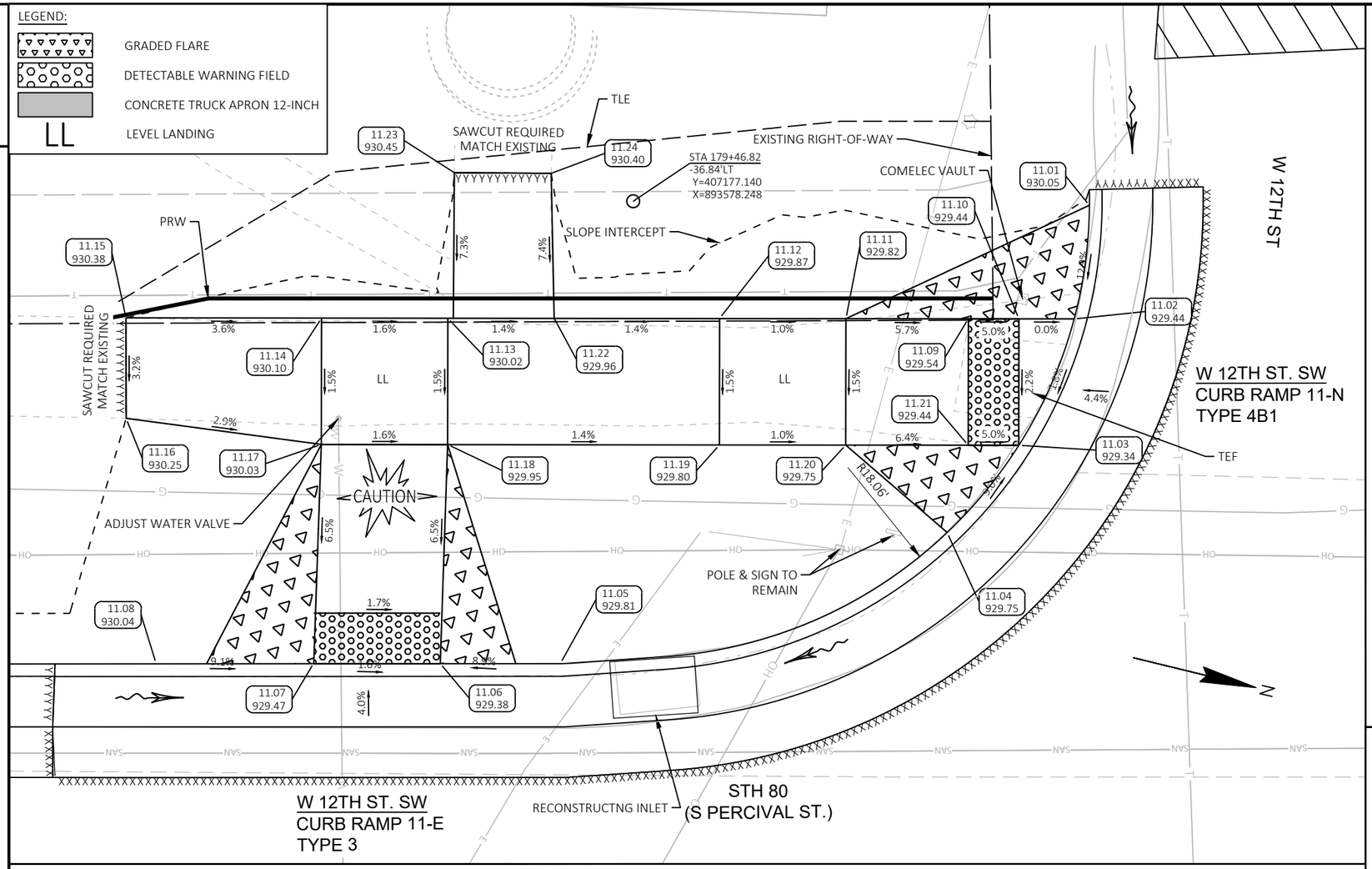


LEGEND:

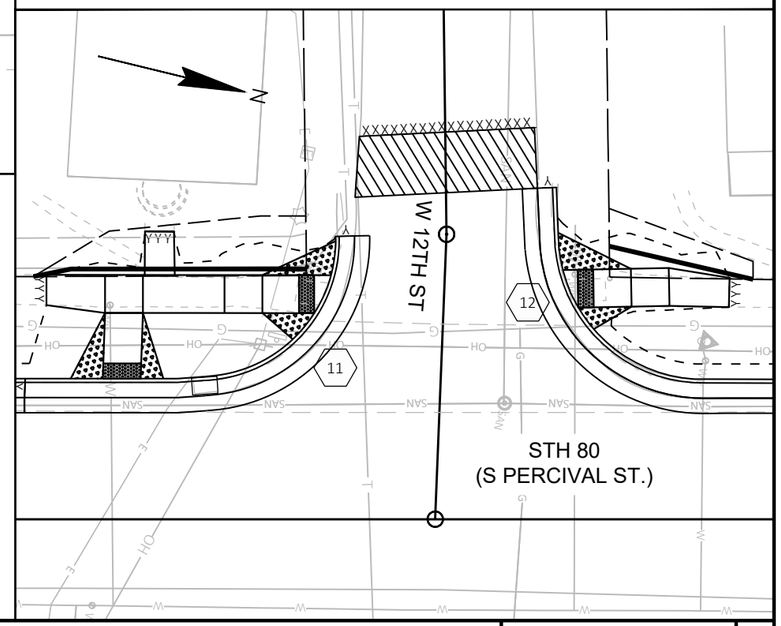
- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

CR10					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
10.01	179+25.09	33.47' R	929.63	407172.67	893651.70
10.02	179+25.80	29.54' R	929.07	407172.43	893647.72
10.03	179+28.37	24.56' R	928.98	407173.75	893642.27
10.04	179+30.40	22.37' R	929.18	407175.20	893639.67
10.05	179+31.06	21.82' R	929.16	407175.71	893638.97
10.06	179+34.10	19.90' R	928.85	407178.21	893636.38
10.07	179+39.13	18.43' R	928.77	407182.75	893633.76
10.08	179+42.44	18.36' R	929.21	407185.95	893632.92
10.09	179+28.34	29.56' R	929.07	407174.90	893647.13
10.10	179+39.10	19.86' R	928.78	407183.06	893635.16
10.11	179+34.02	24.59' R	929.12	407179.24	893640.96
10.12	179+39.02	24.68' R	929.07	407184.12	893639.87
10.13	179+47.67	24.57' R	929.42	407192.50	893637.71
10.14	179+33.93	29.59' R	929.15	407180.34	893645.84
10.15	179+38.93	29.68' R	929.12	407185.22	893644.75
10.16	179+47.64	28.58' R	929.54	407193.42	893641.61
10.19	179+39.07	22.03' R	928.90	407183.54	893637.28
10.20	179+34.07	21.90' R	928.97	407178.65	893638.33
10.21	179+30.37	24.57' R	929.02	407175.69	893641.81
10.22	179+30.34	29.57' R	929.11	407176.85	893646.67

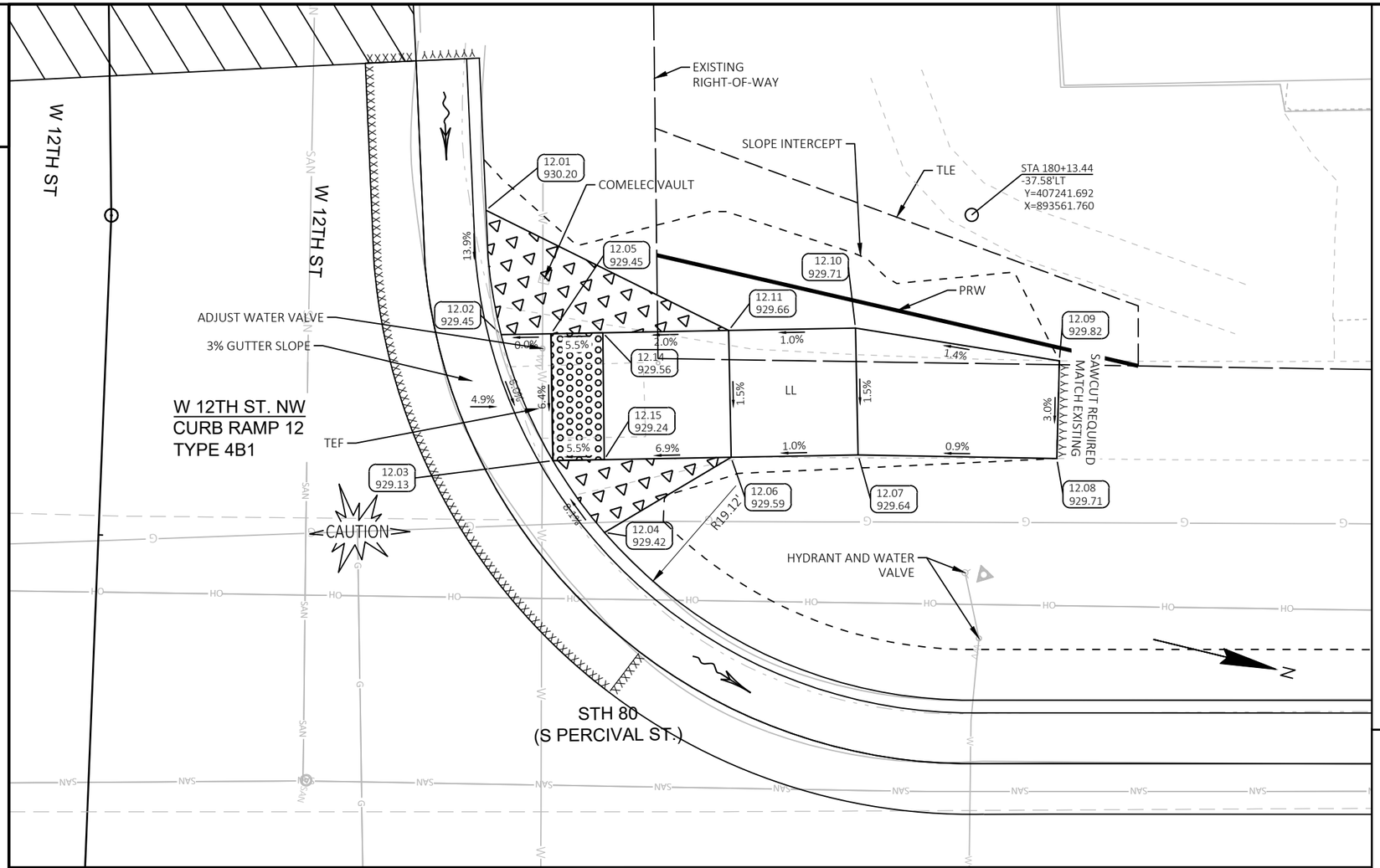
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 12TH ST	SHEET 52	E



CR11					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
11.01	179+64.88	36.68' L	930.05	407194.73	893574.13
11.02	179+64.27	32.19' L	929.44	407195.20	893578.64
11.03	179+62.08	27.19' L	929.34	407194.26	893584.01
11.04	179+59.25	23.74' L	929.75	407192.32	893588.03
11.05	179+43.94	18.55' L	929.81	407178.67	893596.70
11.06	179+39.18	18.56' L	929.38	407174.05	893597.82
11.07	179+34.18	18.58' L	929.47	407169.18	893598.97
11.08	179+27.94	18.55' L	930.04	407163.12	893600.49
11.09	179+60.09	32.19' L	929.54	407191.14	893579.62
11.10	179+62.09	32.19' L	929.44	407193.08	893579.15
11.11	179+55.24	32.20' L	929.82	407186.42	893580.77
11.12	179+50.24	32.20' L	929.87	407181.56	893581.94
11.13	179+39.48	32.21' L	930.02	407171.11	893584.48
11.14	179+34.48	32.22' L	930.10	407166.25	893585.65
11.15	179+26.74	32.23' L	930.38	407158.73	893587.48
11.16	179+26.75	28.25' L	930.25	407159.67	893591.34
11.17	179+34.48	27.22' L	930.03	407167.43	893590.51
11.18	179+39.48	27.21' L	929.95	407172.29	893589.34
11.19	179+50.23	27.20' L	929.80	407182.74	893586.80
11.20	179+55.23	27.20' L	929.75	407187.60	893585.62
11.21	179+60.08	27.19' L	929.44	407192.31	893584.48
11.22	179+43.69	32.21' L	929.96	407175.20	893583.49
11.23	179+39.74	37.97' L	930.45	407170.00	893578.82
11.24	179+43.58	37.95' L	930.40	407173.73	893577.94



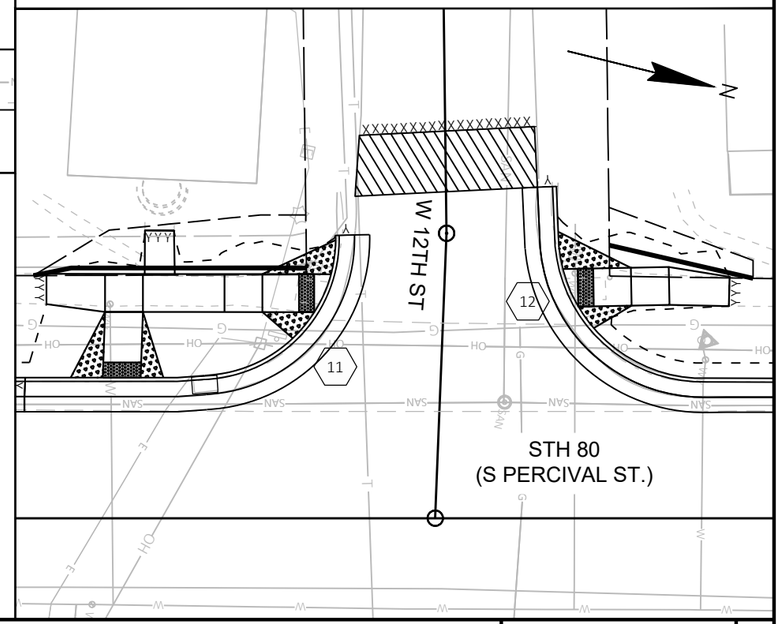
LEGEND:
GRADED FLARE
DETECTABLE WARNING FIELD
CONCRETE TRUCK APRON 12-INCH
LL
LEVEL LANDING



CR12					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
12.01	179+94.30	37.77' L	930.20	407223.06	893566.10
12.02	179+94.90	32.87' L	929.45	407224.80	893570.73
12.03	179+96.94	27.91' L	929.13	407227.95	893575.07
12.04	179+98.97	25.07' L	929.42	407230.60	893577.34
12.05	179+96.87	32.91' L	929.45	407226.70	893570.23
12.06	180+03.96	28.04' L	929.59	407234.74	893573.28
12.07	180+08.96	28.13' L	929.64	407239.58	893572.00
12.08	180+16.79	27.99' L	929.71	407247.22	893570.29
12.09	180+16.89	31.84' L	929.82	407246.41	893566.53
12.10	180+08.87	33.13' L	929.71	407238.30	893567.17
12.11	180+03.87	33.04' L	929.66	407233.47	893568.44
12.14	179+98.90	32.94' L	929.56	407228.67	893569.71
12.15	179+98.96	27.95' L	929.24	407229.91	893574.55

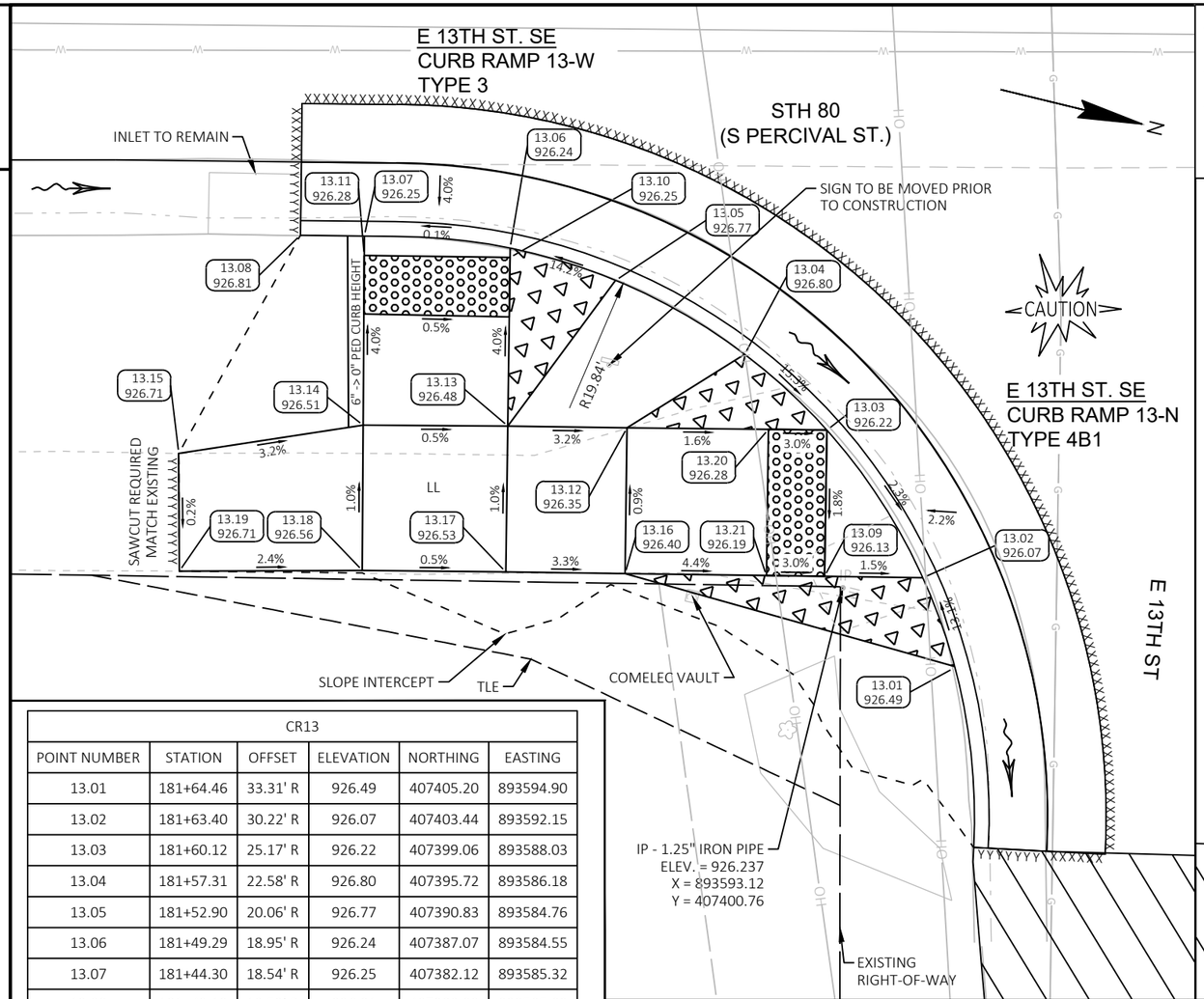
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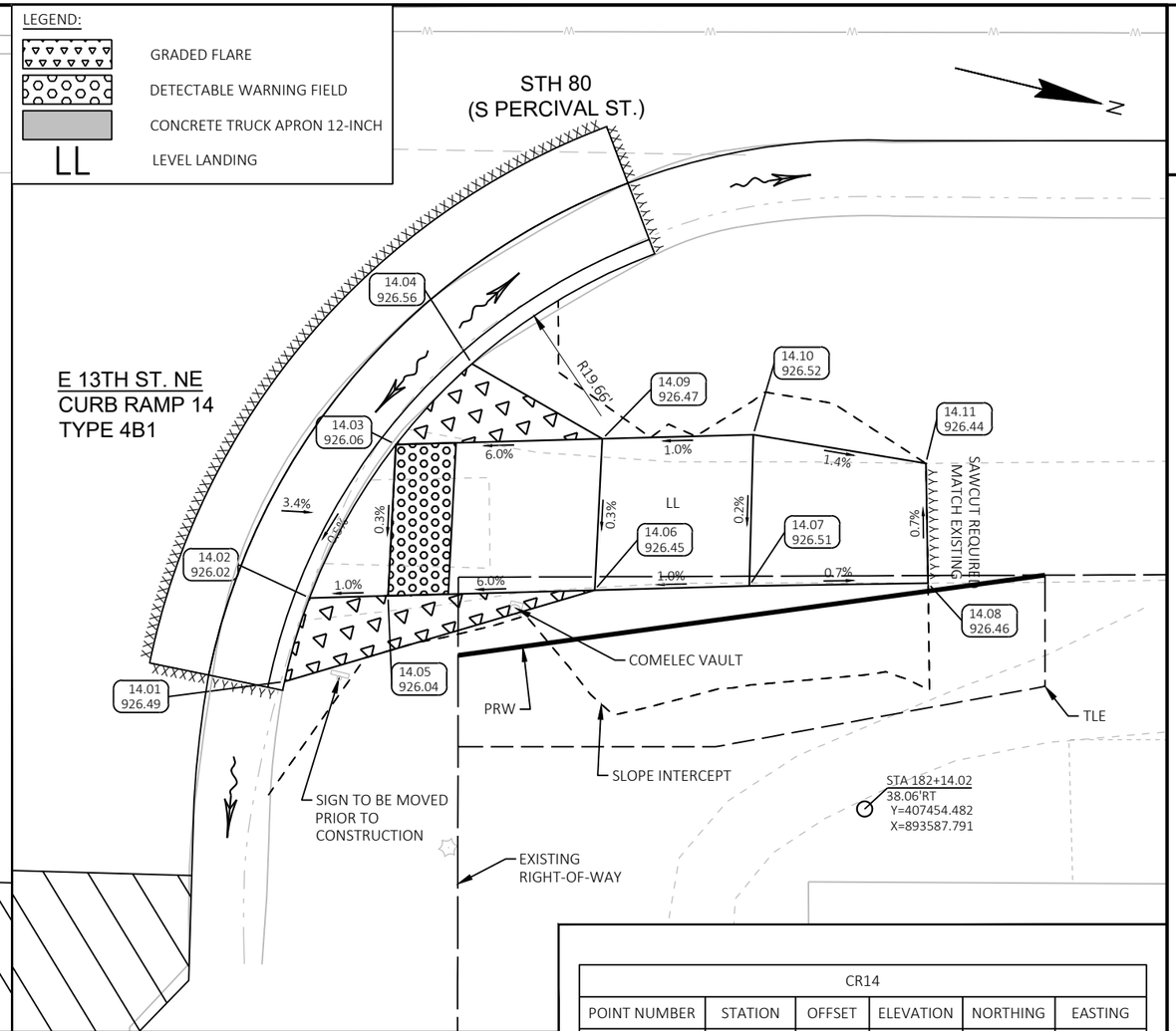
- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

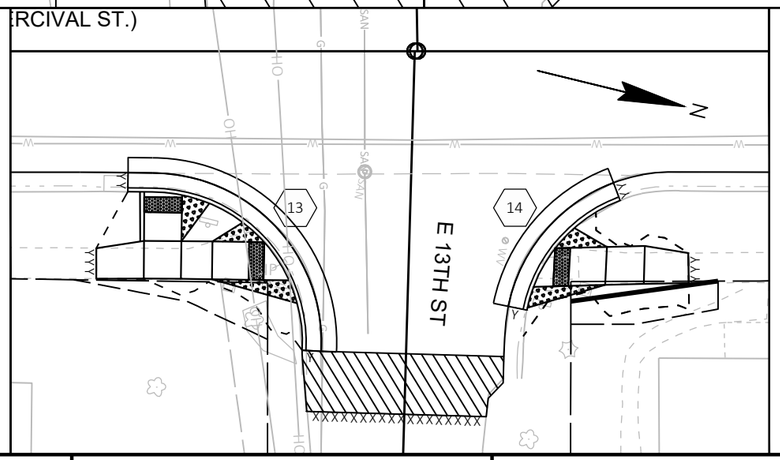


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 12TH ST	SHEET 54	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021311-cr
PLOT DATE : 1/9/2025 2:30 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT



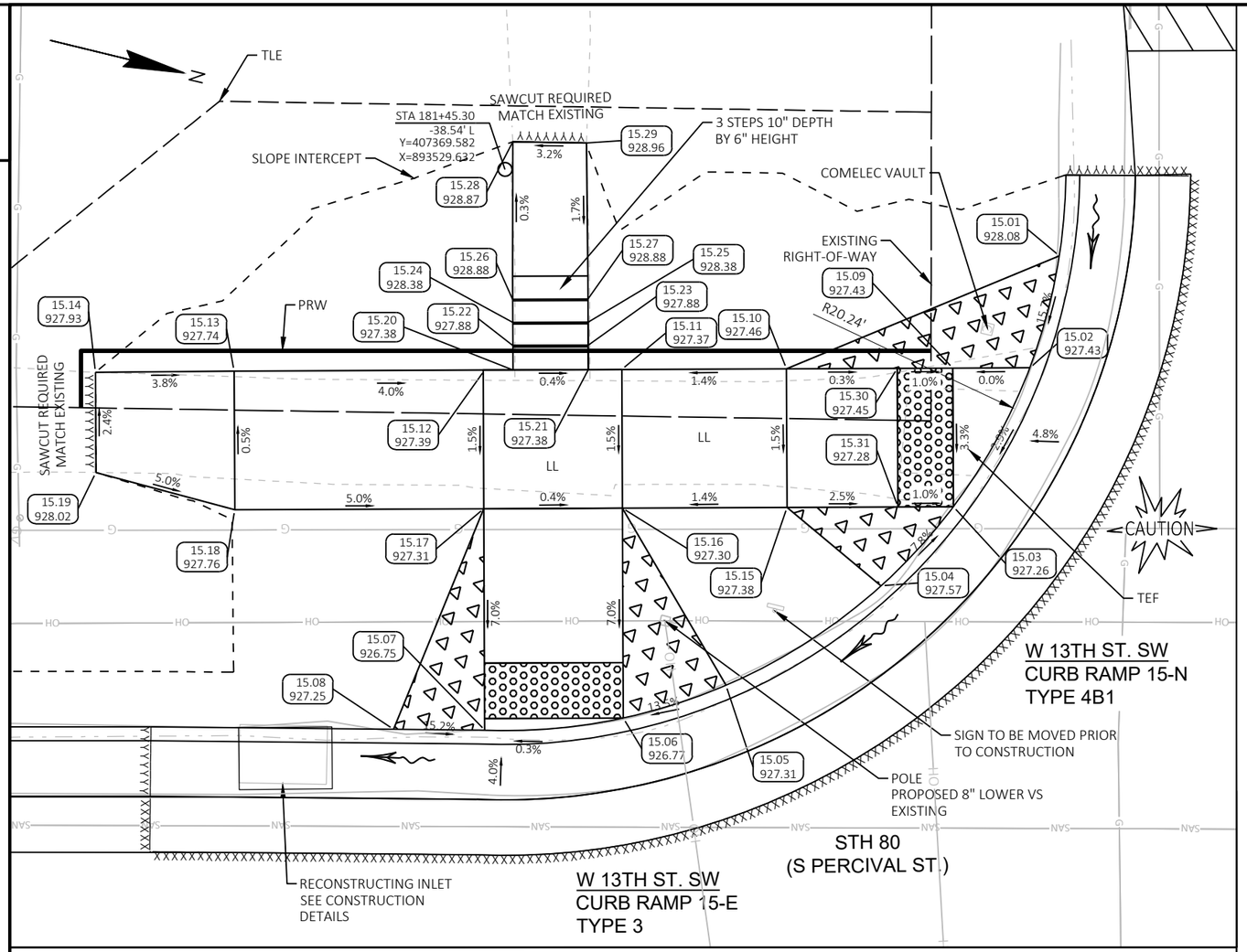




CR13					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
13.01	181+64.46	33.31' R	926.49	407405.20	893594.90
13.02	181+63.40	30.22' R	926.07	407403.44	893592.15
13.03	181+60.12	25.17' R	926.22	407399.06	893588.03
13.04	181+57.31	22.58' R	926.80	407395.72	893586.18
13.05	181+52.90	20.06' R	926.77	407390.83	893584.76
13.06	181+49.29	18.95' R	926.24	407387.07	893584.55
13.07	181+44.30	18.54' R	926.25	407382.12	893585.32
13.08	181+42.12	18.52' R	926.81	407380.00	893585.82
13.09	181+60.04	30.17' R	926.13	407400.16	893592.90
13.10	181+49.29	19.27' R	926.25	407387.14	893584.86
13.11	181+44.30	19.21' R	926.28	407382.28	893585.97
13.12	181+53.29	25.10' R	926.35	407392.40	893589.57
13.13	181+49.21	25.04' R	926.48	407388.43	893590.48
13.14	181+44.27	25.01' R	926.51	407383.62	893591.62
13.15	181+37.96	25.97' R	926.71	407377.72	893594.05
13.16	181+53.22	30.08' R	926.40	407393.52	893594.43
13.17	181+49.14	30.02' R	926.53	407389.54	893595.34
13.18	181+44.24	29.97' R	926.56	407384.76	893596.45
13.19	181+37.98	30.00' R	926.71	407378.69	893597.95
13.20	181+58.12	25.15' R	926.28	407397.11	893588.48
13.21	181+58.05	30.15' R	926.19	407398.22	893593.35

CR14					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
14.01	181+94.83	33.84' R	926.49	407434.83	893588.23
14.02	181+95.65	31.07' R	926.02	407434.98	893585.35
14.03	181+98.51	25.99' R	926.06	407436.55	893579.73
14.04	182+01.03	23.31' R	926.56	407438.37	893576.54
14.05	181+98.25	31.00' R	926.04	407437.49	893584.66
14.06	182+05.09	30.81' R	926.45	407444.09	893582.86
14.07	182+10.21	30.67' R	926.51	407449.03	893581.52
14.08	182+16.13	30.58' R	926.46	407454.76	893580.02
14.09	182+05.35	25.80' R	926.47	407443.15	893577.93
14.10	182+10.35	25.67' R	926.52	407447.98	893576.62
14.11	182+16.06	26.62' R	926.44	407453.75	893576.19

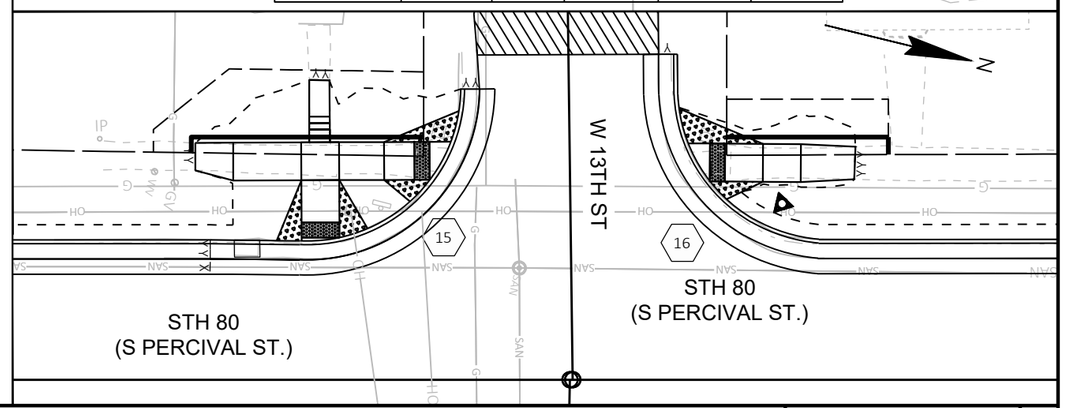
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 13TH ST	SHEET 55	E



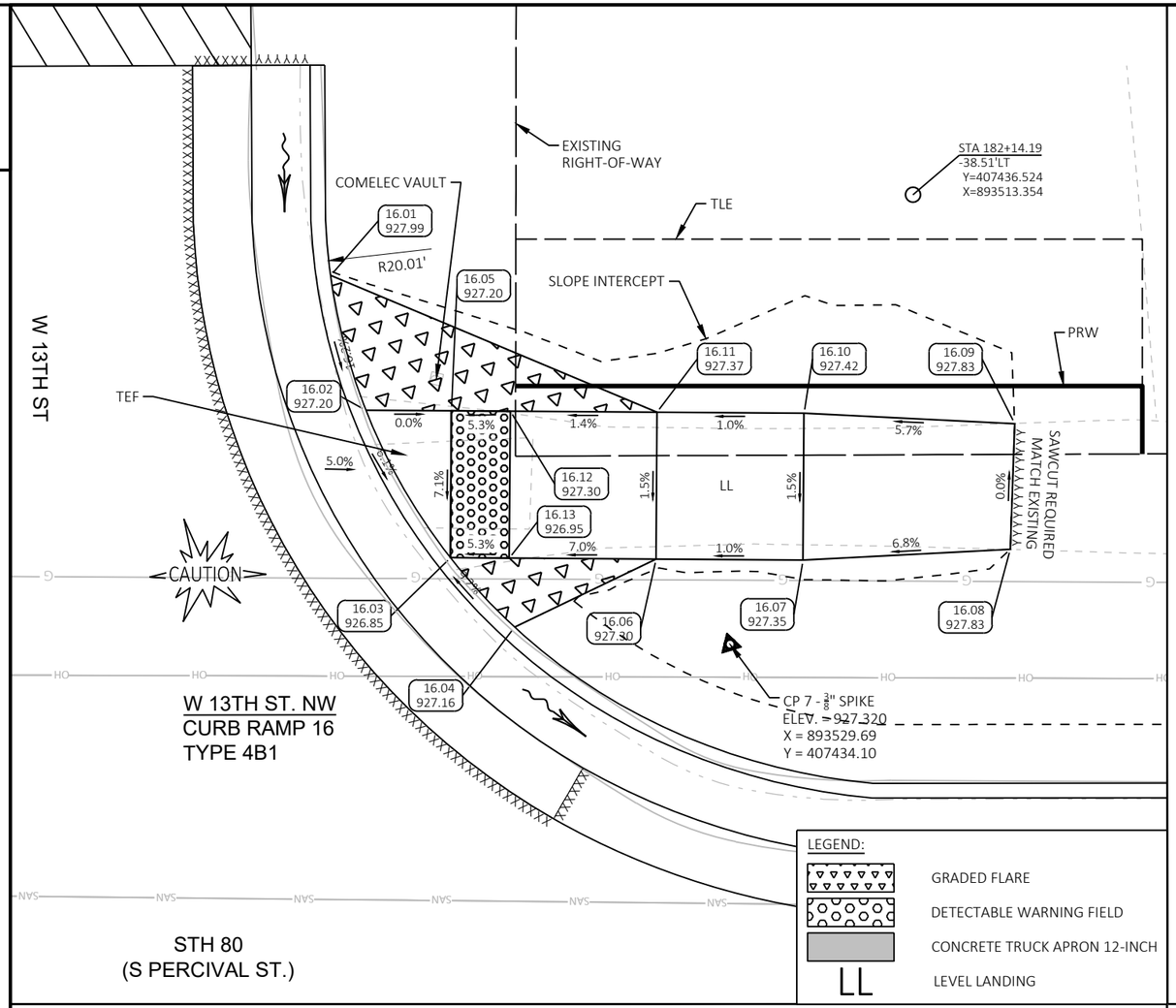
CR15					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
15.01	181+65.29	35.43' L	928.08	407389.75	893527.92
15.02	181+64.23	31.39' L	927.43	407389.67	893532.10
15.03	181+61.47	26.38' L	927.26	407388.18	893537.62
15.04	181+58.86	23.52' L	927.57	407386.32	893541.01
15.05	181+53.27	19.94' L	927.31	407381.73	893545.82
15.06	181+49.56	18.76' L	926.77	407378.41	893547.84
15.07	181+44.57	18.31' L	926.75	407373.67	893549.45
15.08	181+41.28	18.35' L	927.25	407370.45	893550.19
15.09	181+61.45	31.38' L	927.43	407386.97	893532.77
15.10	181+55.45	31.35' L	927.46	407381.15	893534.21
15.11	181+49.51	31.33' L	927.37	407375.38	893535.64
15.12	181+44.56	31.31' L	927.39	407370.58	893536.83
15.13	181+35.53	31.27' L	927.74	407361.81	893539.01
15.14	181+30.53	31.23' L	927.93	407356.96	893540.23
15.15	181+55.47	26.35' L	927.38	407382.35	893539.06
15.16	181+49.53	26.33' L	927.30	407376.59	893540.49
15.17	181+44.53	26.31' L	927.31	407371.73	893541.70
15.18	181+35.55	26.27' L	927.76	407363.02	893543.86
15.19	181+30.54	27.61' L	928.02	407357.83	893543.74
15.20	181+45.59	31.31' L	927.38	407371.57	893536.59
15.21	181+48.30	31.32' L	927.38	407374.21	893535.93
15.22	181+45.58	32.19' L	927.88	407371.36	893535.73
15.23	181+48.30	32.20' L	927.88	407374.00	893535.07
15.24	181+45.58	33.03' L	928.38	407371.16	893534.92
15.25	181+48.29	33.04' L	928.38	407373.80	893534.27
15.26	181+45.58	33.86' L	928.88	407370.96	893534.11
15.27	181+48.29	33.87' L	928.88	407373.60	893533.46
15.28	181+45.58	39.54' L	928.87	407369.62	893528.59
15.29	181+48.24	39.50' L	928.96	407372.21	893528.00
15.30	181+59.45	31.37' L	927.45	407385.03	893533.25
15.31	181+59.47	26.37' L	927.28	407386.23	893538.10

LEGEND:

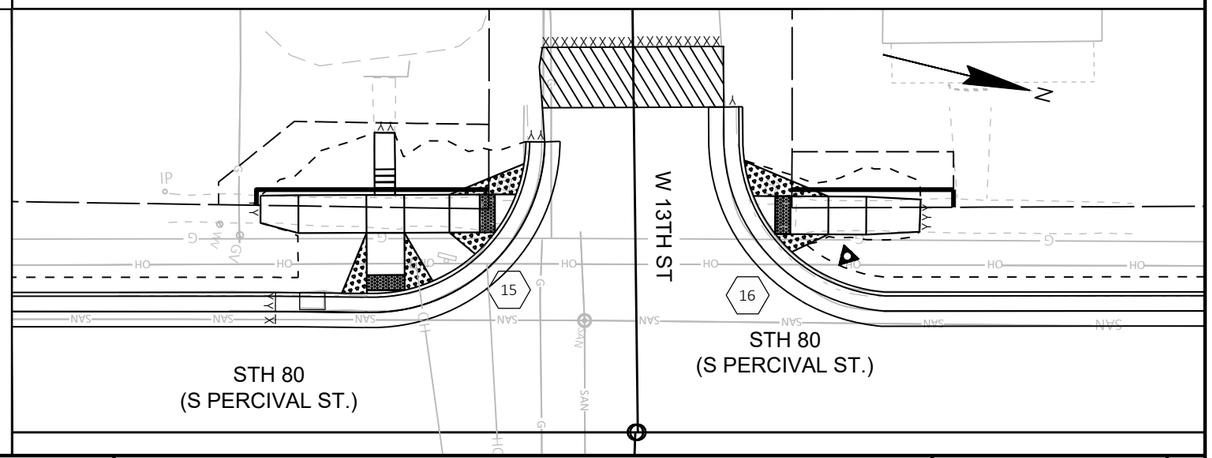
- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 13TH ST	SHEET 56	E



CR16					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
16.01	181+94.37	35.77' L	927.99	407417.92	893520.71
16.02	181+95.57	31.18' L	927.20	407420.17	893524.88
16.03	181+98.45	26.16' L	926.85	407424.15	893529.08
16.04	182+00.63	23.80' L	927.16	407426.83	893530.86
16.05	181+98.48	31.16' L	927.20	407423.00	893524.21
16.06	182+05.45	26.11' L	927.30	407430.97	893527.47
16.07	182+10.45	26.08' L	927.35	407435.83	893526.32
16.08	182+17.50	26.45' L	927.83	407442.60	893524.29
16.09	182+17.65	30.72' L	927.83	407441.73	893520.10
16.10	182+10.48	31.08' L	927.42	407434.68	893521.45
16.11	182+05.48	31.11' L	927.37	407429.82	893522.60
16.12	182+00.49	31.15' L	927.30	407424.95	893523.75
16.13	182+00.45	26.15' L	926.95	407426.10	893528.62



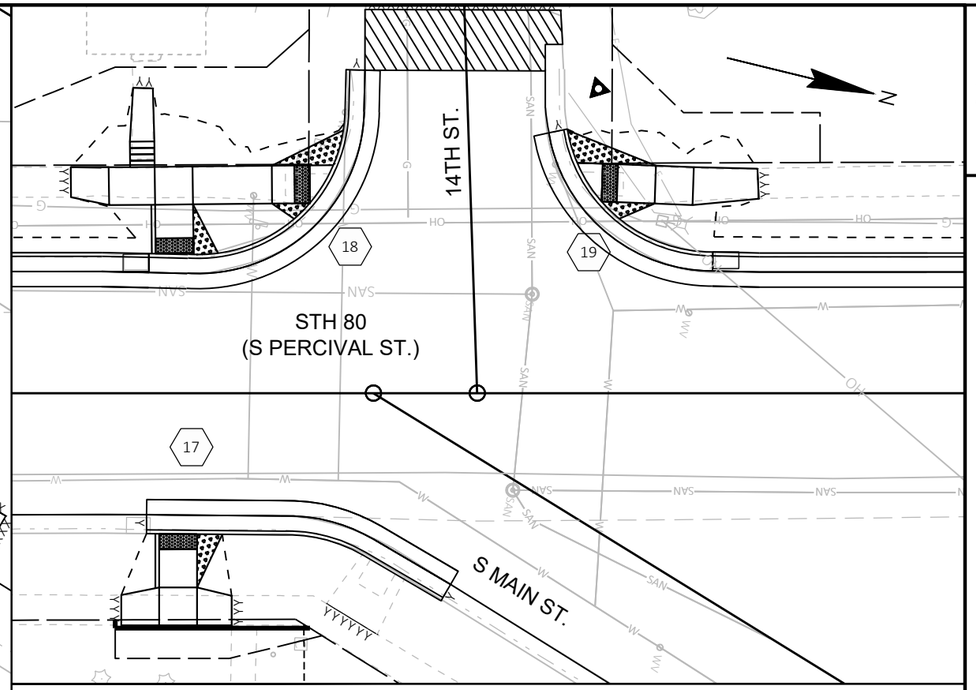
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 13TH ST	SHEET 57	E

STH 80
(S PERCIVAL ST.)

S MAIN ST. SE
CURB RAMP 17
TYPE 3

INLET TO REMAIN
MATCH NEW C/G

17.04 925.79
17.03 925.29
17.02 925.33
17.01 925.83
4.0%
0.6%
15.2%
S MAIN ST.
0" -> 6" PED CURB HEIGHT
7.0%
7.0%
R20.08'
REMOVE EXISTING
CURB RAMP
17.07 925.79
17.08 925.91
17.06 925.82
17.05 925.82
0.7%
2.5%
0.1%
SAWCUT REQUIRED
MATCH EXISTING
SAWCUT REQUIRED
MATCH EXISTING
2.8%
1.4%
LL
1.8%
0.5%
3.3%
1.1%
1.4%
17.11 925.86
17.12 926.02
PRW
17.10 925.91
17.09 925.84
ALL BACK SIDEWALK
POINTS MATCH EXISTING
TLE
COMELEC VAULT
EXISTING
RIGHT-OF-WAY
STA 183+57.66
38.75' R
Y=407594.199
X=893554.472



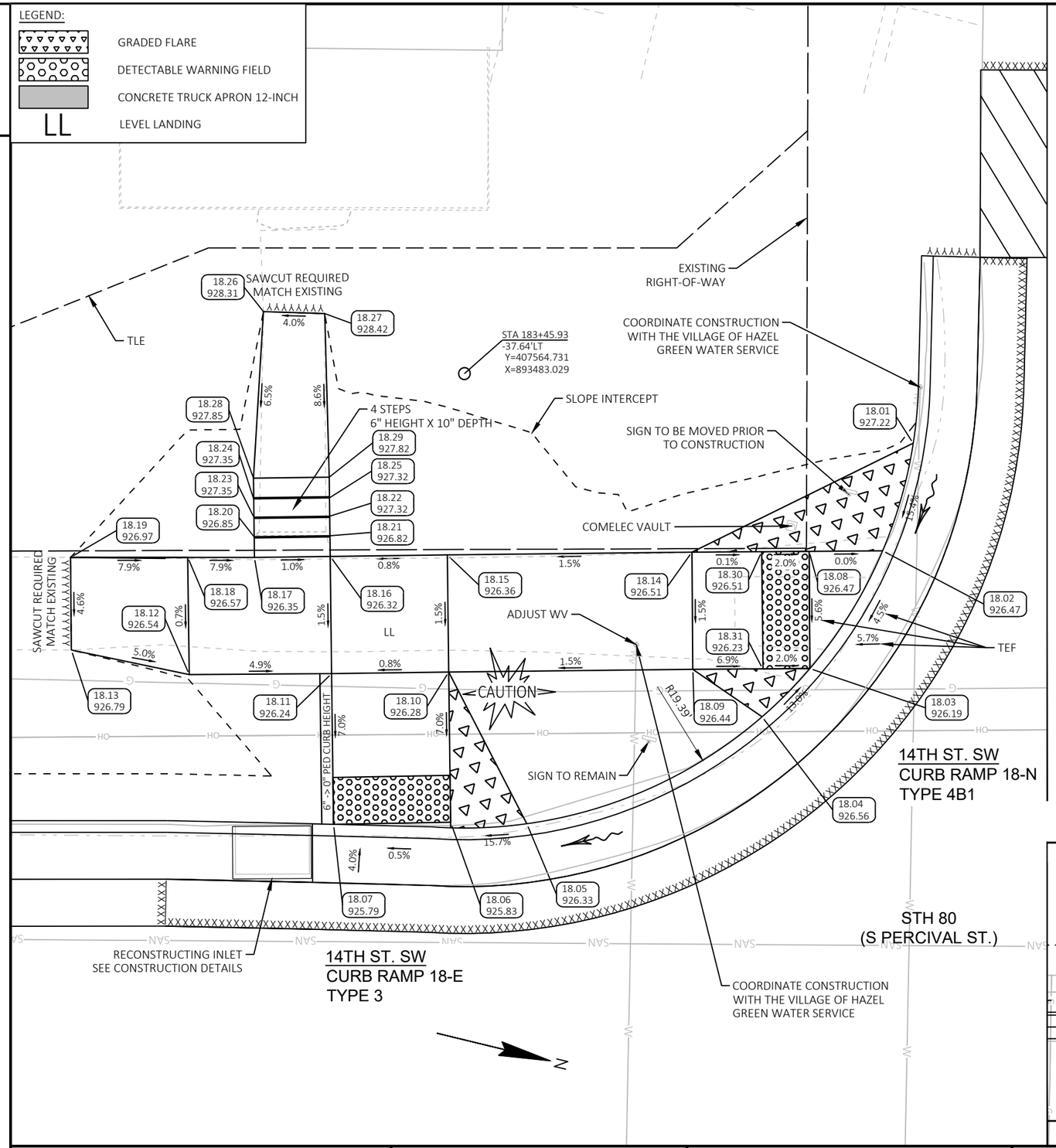
LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

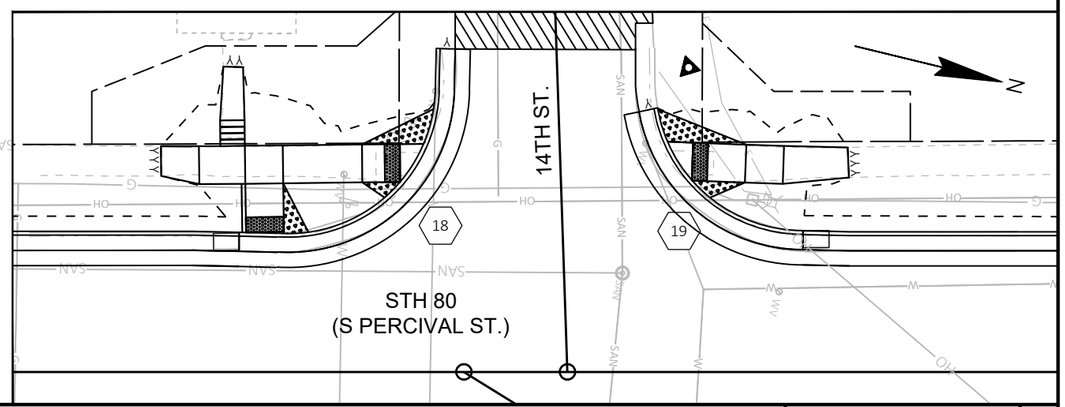
CR17					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
17.01	183+49.12	18.62' R	925.83	407581.14	893536.93
17.02	183+45.80	18.59' R	925.33	407577.91	893537.69
17.03	183+40.80	18.54' R	925.29	407573.04	893538.83
17.04	183+40.30	18.54' R	925.79	407572.55	893538.95
17.05	183+50.37	26.71' R	925.82	407584.27	893544.50
17.06	183+45.79	25.62' R	925.82	407579.57	893544.53
17.07	183+40.79	25.62' R	925.79	407574.71	893545.71
17.08	183+35.79	26.63' R	925.91	407570.09	893547.87
17.09	183+50.36	30.63' R	925.84	407585.19	893548.32
17.10	183+45.79	30.62' R	925.91	407580.74	893549.39
17.11	183+40.79	30.62' R	925.86	407575.89	893550.57
17.12	183+35.79	30.62' R	926.02	407571.03	893551.75

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING



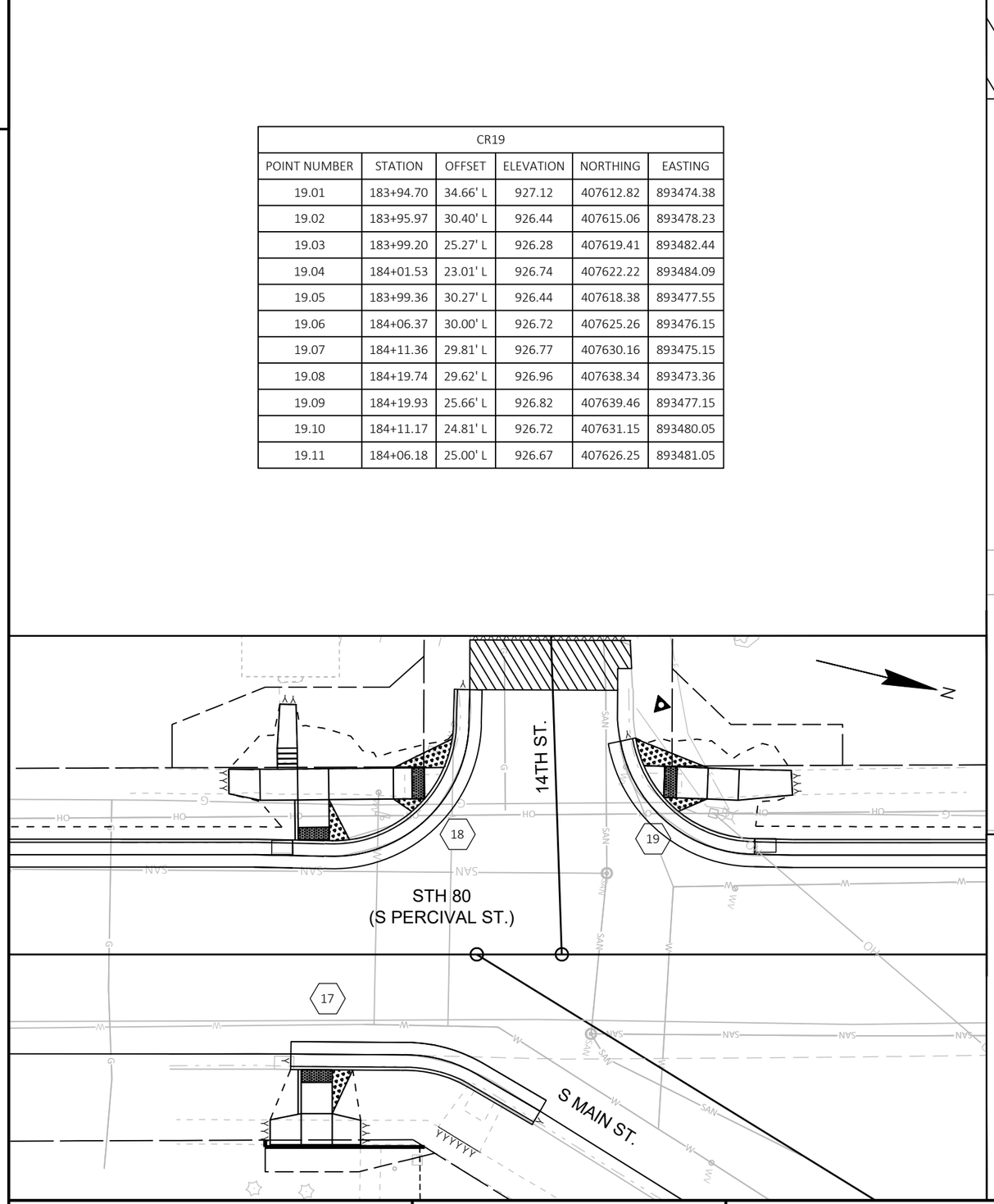
CR18					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
18.01	183+65.09	34.67' L	927.22	407584.05	893481.38
18.02	183+63.79	30.08' L	926.47	407583.87	893486.15
18.03	183+60.68	25.05' L	926.19	407582.04	893491.77
18.04	183+58.64	23.00' L	926.56	407580.55	893494.25
18.05	183+48.59	18.43' L	926.33	407571.86	893501.06
18.06	183+45.34	18.49' L	925.83	407568.69	893501.77
18.07	183+40.34	18.41' L	925.79	407563.85	893503.04
18.08	183+60.65	30.05' L	926.47	407580.82	893486.92
18.09	183+55.68	25.02' L	926.44	407577.19	893492.98
18.10	183+45.26	24.90' L	926.28	407567.10	893495.56
18.11	183+40.27	24.84' L	926.24	407562.25	893496.81
18.12	183+34.19	24.80' L	926.54	407556.36	893498.28
18.13	183+29.15	25.84' L	926.79	407551.22	893498.46
18.14	183+55.65	30.02' L	926.51	407575.97	893488.13
18.15	183+45.20	29.90' L	926.36	407565.85	893490.72
18.16	183+40.20	29.84' L	926.32	407561.01	893491.96
18.17	183+36.97	29.80' L	926.35	407557.88	893492.77
18.18	183+34.12	29.80' L	926.57	407555.11	893493.44
18.19	183+29.12	29.80' L	926.97	407550.26	893494.63
18.20	183+36.96	30.68' L	926.85	407557.66	893491.91
18.21	183+40.19	30.72' L	926.82	407560.79	893491.11
18.22	183+40.18	31.55' L	927.32	407560.58	893490.30
18.23	183+36.95	31.51' L	927.35	407557.45	893491.11
18.24	183+36.94	32.30' L	927.35	407557.26	893490.35
18.25	183+40.17	32.34' L	927.32	407560.39	893489.54
18.26	183+37.36	40.28' L	928.31	407555.77	893482.49
18.27	183+39.97	40.20' L	928.42	407558.33	893481.95
18.28	183+36.93	33.18' L	927.85	407557.04	893489.49
18.29	183+40.16	33.22' L	927.82	407560.17	893488.69
18.30	183+58.62	30.04' L	926.51	407578.86	893487.41
18.31	183+58.66	25.04' L	926.23	407580.08	893492.26

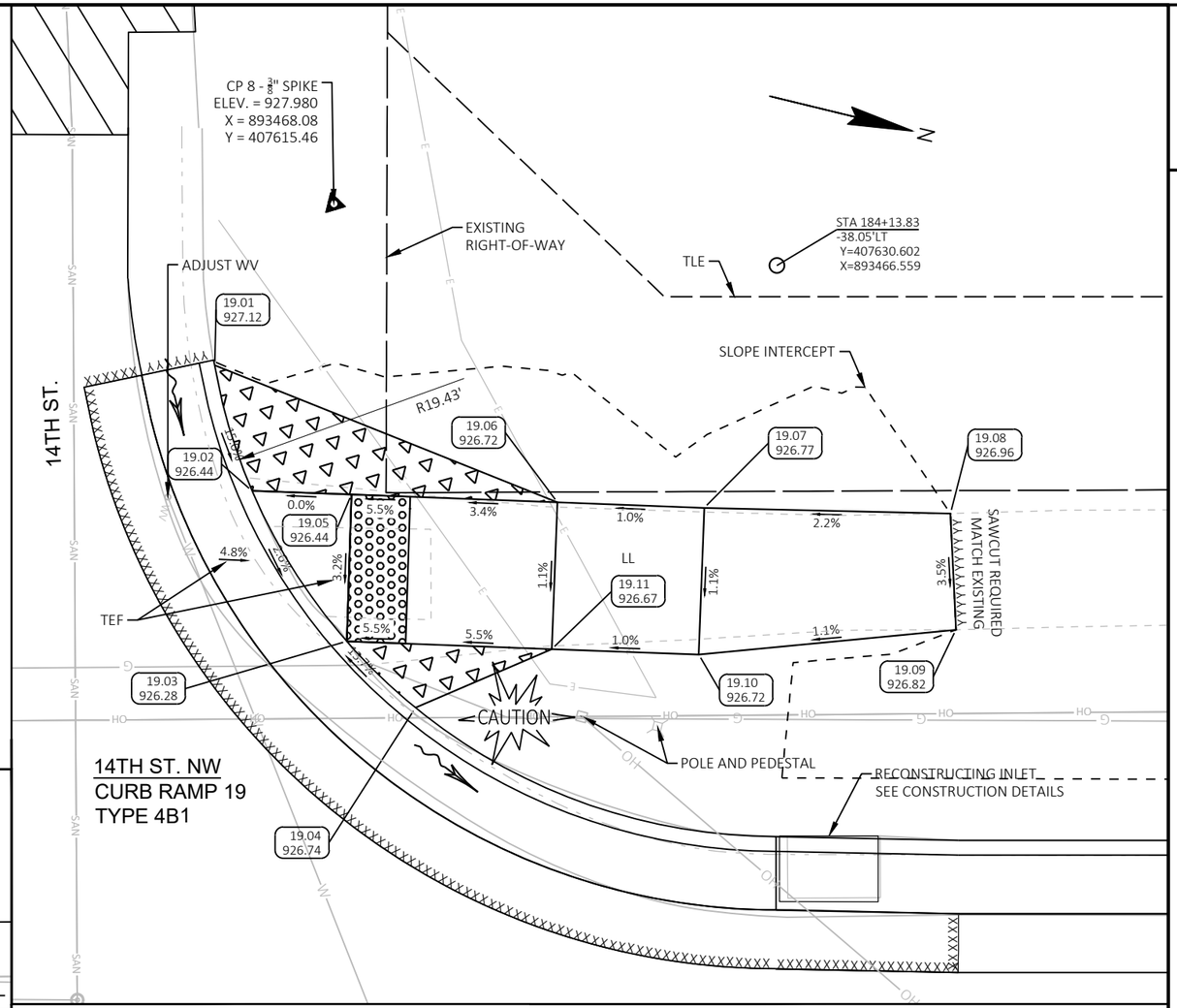


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 14TH ST	SHEET 59	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021316-cr
PLOT DATE : 1/9/2025 2:33 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

CR19					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
19.01	183+94.70	34.66' L	927.12	407612.82	893474.38
19.02	183+95.97	30.40' L	926.44	407615.06	893478.23
19.03	183+99.20	25.27' L	926.28	407619.41	893482.44
19.04	184+01.53	23.01' L	926.74	407622.22	893484.09
19.05	183+99.36	30.27' L	926.44	407618.38	893477.55
19.06	184+06.37	30.00' L	926.72	407625.26	893476.15
19.07	184+11.36	29.81' L	926.77	407630.16	893475.15
19.08	184+19.74	29.62' L	926.96	407638.34	893473.36
19.09	184+19.93	25.66' L	926.82	407639.46	893477.15
19.10	184+11.17	24.81' L	926.72	407631.15	893480.05
19.11	184+06.18	25.00' L	926.67	407626.25	893481.05

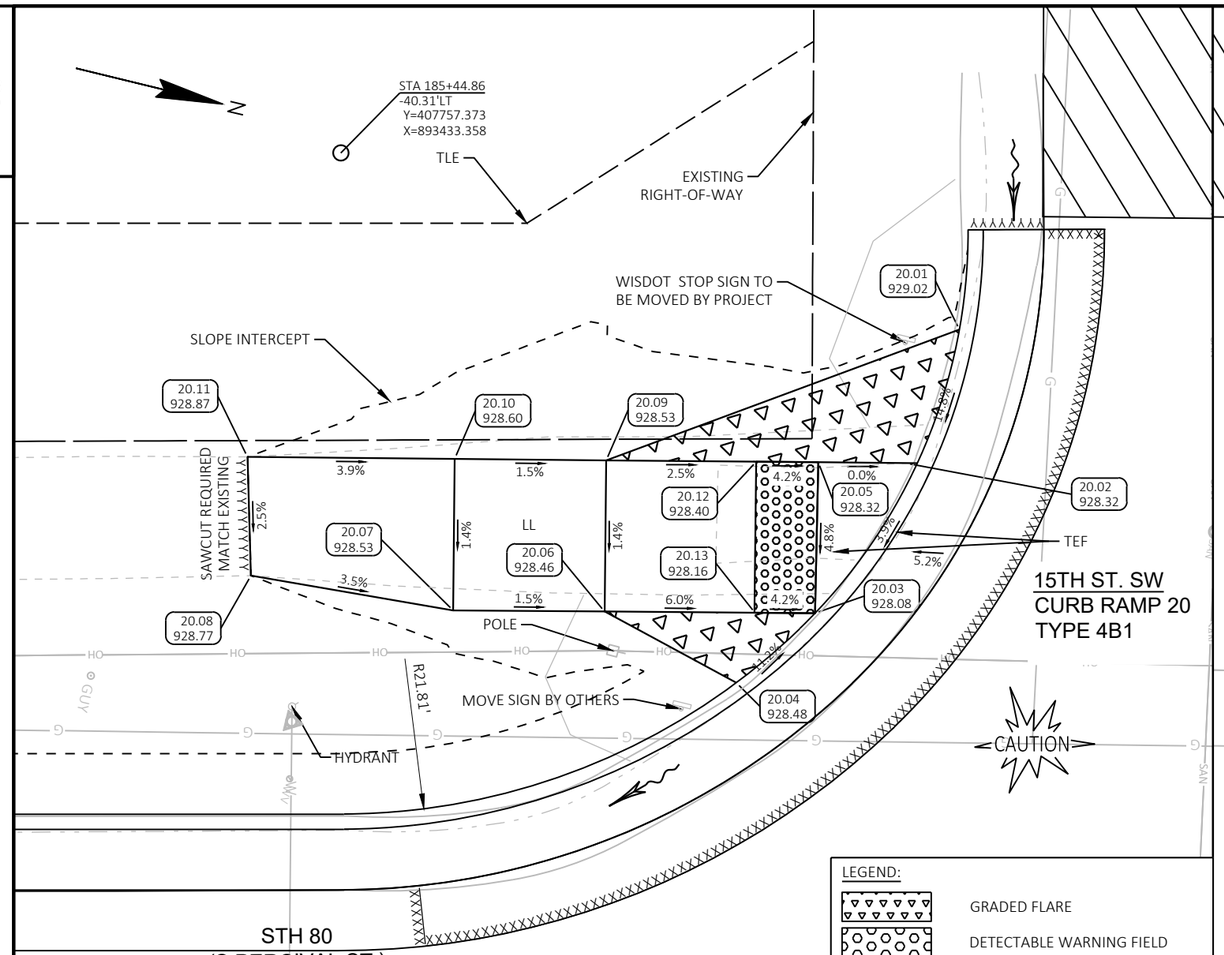


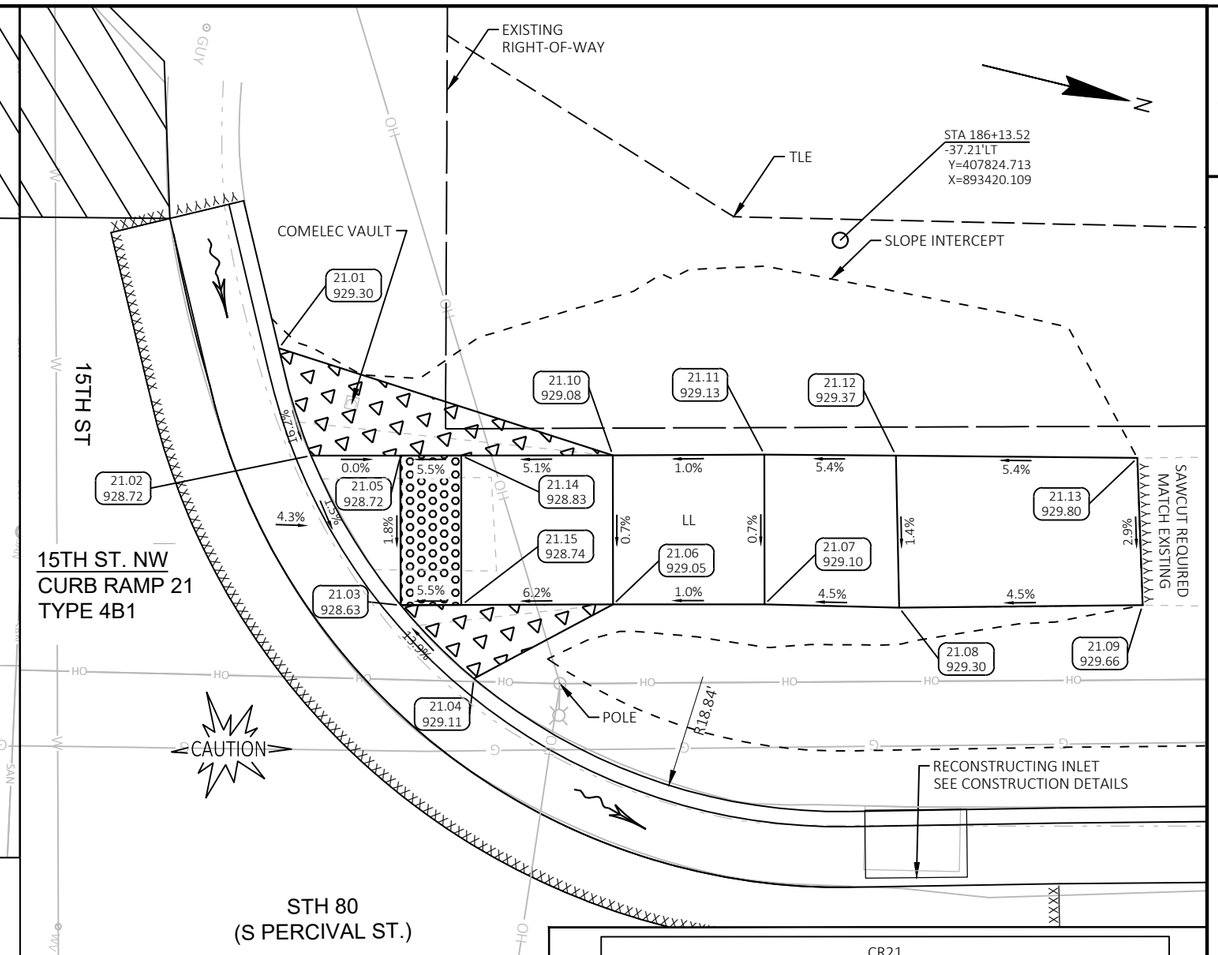


LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

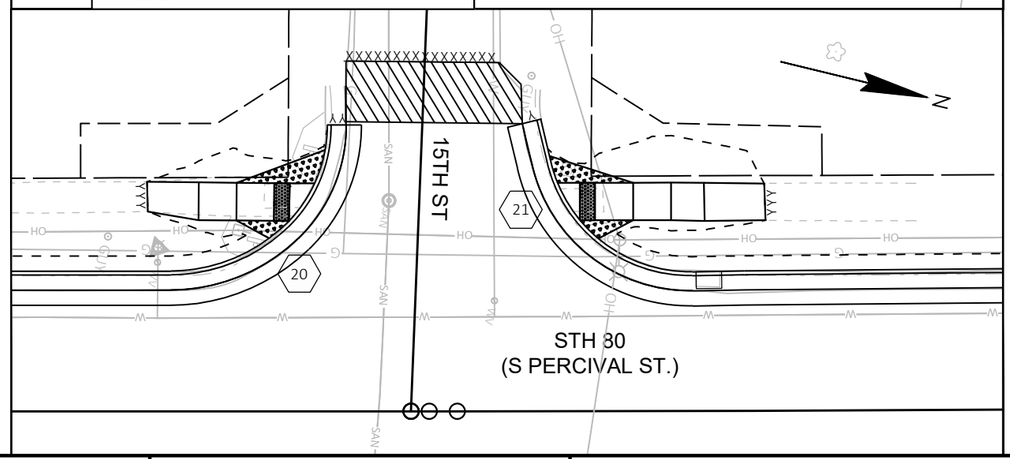
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 14TH ST	SHEET 60	E





LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING



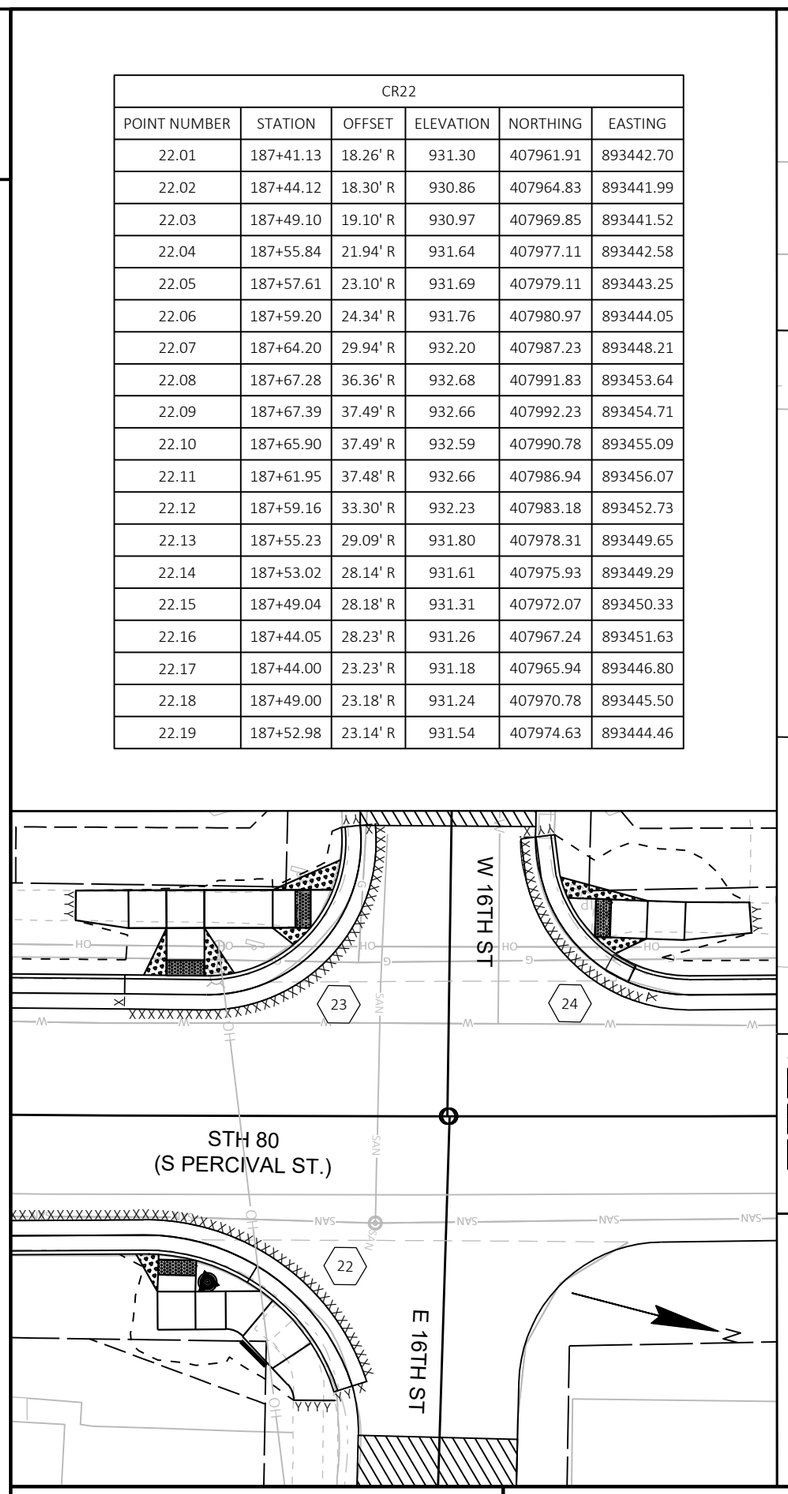
CR20					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
20.01	185+65.26	34.49' L	929.02	407778.58	893434.18
20.02	185+63.51	30.09' L	928.32	407777.92	893438.88
20.03	185+60.51	25.14' L	928.08	407776.17	893444.40
20.04	185+57.91	22.85' L	928.48	407774.19	893447.24
20.05	185+60.61	30.12' L	928.32	407775.09	893439.54
20.06	185+53.56	25.19' L	928.46	407769.41	893445.99
20.07	185+48.56	25.23' L	928.53	407764.54	893447.13
20.08	185+41.89	26.38' L	928.77	407757.79	893447.60
20.09	185+53.61	30.18' L	928.53	407768.28	893441.13
20.10	185+48.61	30.23' L	928.60	407763.41	893442.27
20.11	185+41.78	30.29' L	928.87	407756.76	893443.82
20.12	185+58.57	30.14' L	928.40	407773.10	893440.00
20.13	185+58.52	25.15' L	928.16	407774.24	893444.86

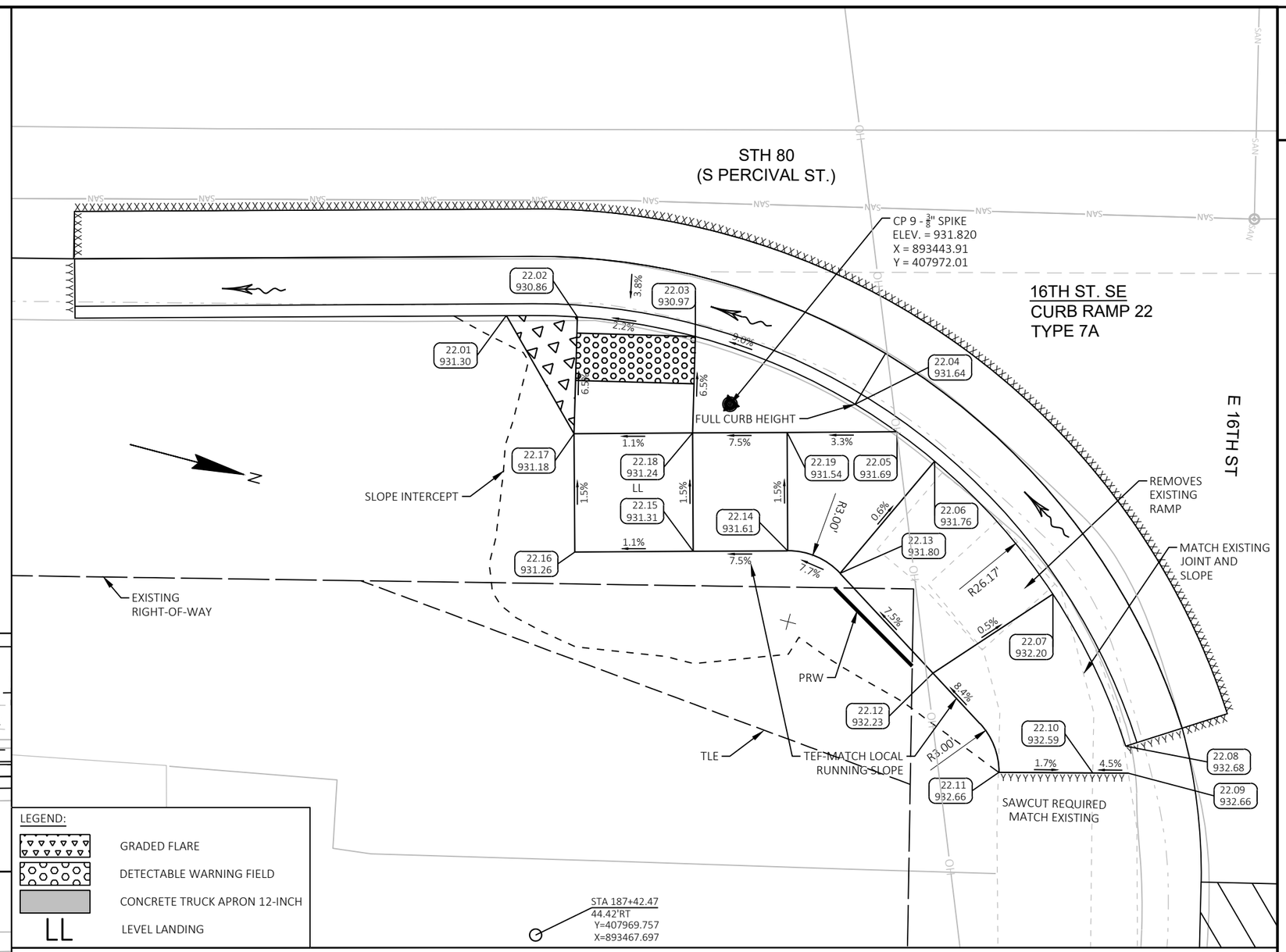
CR21					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
21.01	185+94.94	33.69' L	929.30	407807.56	893427.95
21.02	185+96.01	30.14' L	928.72	407809.44	893431.14
21.03	185+98.96	25.21' L	928.63	407813.47	893435.23
21.04	186+01.37	22.78' L	929.11	407816.40	893437.01
21.05	185+98.96	30.14' L	928.72	407812.30	893430.44
21.06	186+05.98	25.22' L	929.05	407820.28	893433.55
21.07	186+10.99	25.22' L	929.10	407825.14	893432.36
21.08	186+15.44	25.09' L	929.30	407829.47	893431.42
21.09	186+23.49	25.15' L	929.66	407837.26	893429.44
21.10	186+05.99	30.14' L	929.08	407819.11	893428.77
21.11	186+11.00	30.15' L	929.13	407823.96	893427.56
21.12	186+15.34	30.11' L	929.37	407828.18	893426.57
21.13	186+23.33	30.01' L	929.80	407835.94	893424.76
21.14	186+00.97	30.14' L	928.83	407814.25	893429.96
21.15	186+00.98	25.21' L	928.74	407815.43	893434.74

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 15TH ST	SHEET 61	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021318-cr
PLOT DATE : 1/9/2025 2:34 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

CR22					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
22.01	187+41.13	18.26' R	931.30	407961.91	893442.70
22.02	187+44.12	18.30' R	930.86	407964.83	893441.99
22.03	187+49.10	19.10' R	930.97	407969.85	893441.52
22.04	187+55.84	21.94' R	931.64	407977.11	893442.58
22.05	187+57.61	23.10' R	931.69	407979.11	893443.25
22.06	187+59.20	24.34' R	931.76	407980.97	893444.05
22.07	187+64.20	29.94' R	932.20	407987.23	893448.21
22.08	187+67.28	36.36' R	932.68	407991.83	893453.64
22.09	187+67.39	37.49' R	932.66	407992.23	893454.71
22.10	187+65.90	37.49' R	932.59	407990.78	893455.09
22.11	187+61.95	37.48' R	932.66	407986.94	893456.07
22.12	187+59.16	33.30' R	932.23	407983.18	893452.73
22.13	187+55.23	29.09' R	931.80	407978.31	893449.65
22.14	187+53.02	28.14' R	931.61	407975.93	893449.29
22.15	187+49.04	28.18' R	931.31	407972.07	893450.33
22.16	187+44.05	28.23' R	931.26	407967.24	893451.63
22.17	187+44.00	23.23' R	931.18	407965.94	893446.80
22.18	187+49.00	23.18' R	931.24	407970.78	893445.50
22.19	187+52.98	23.14' R	931.54	407974.63	893444.46



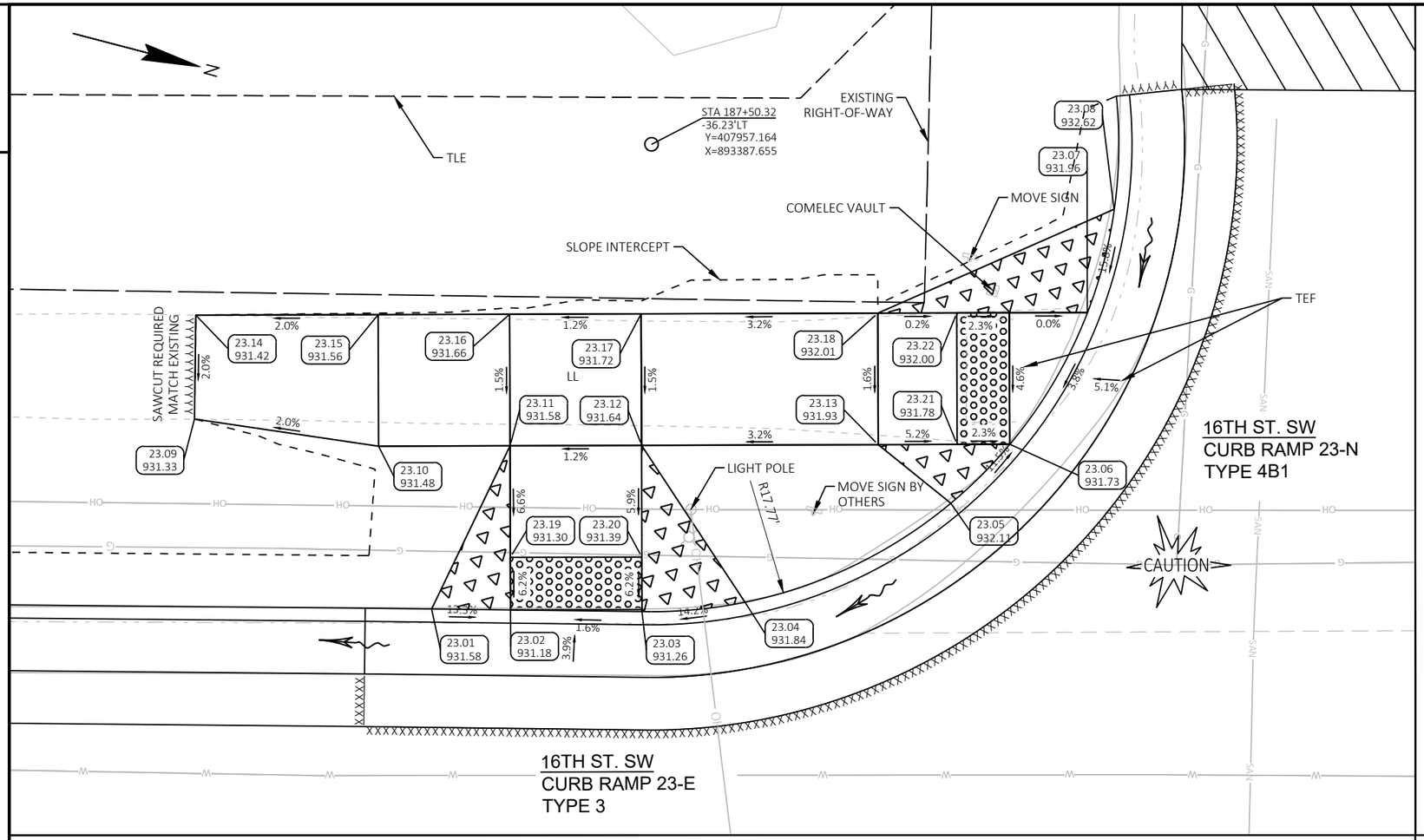


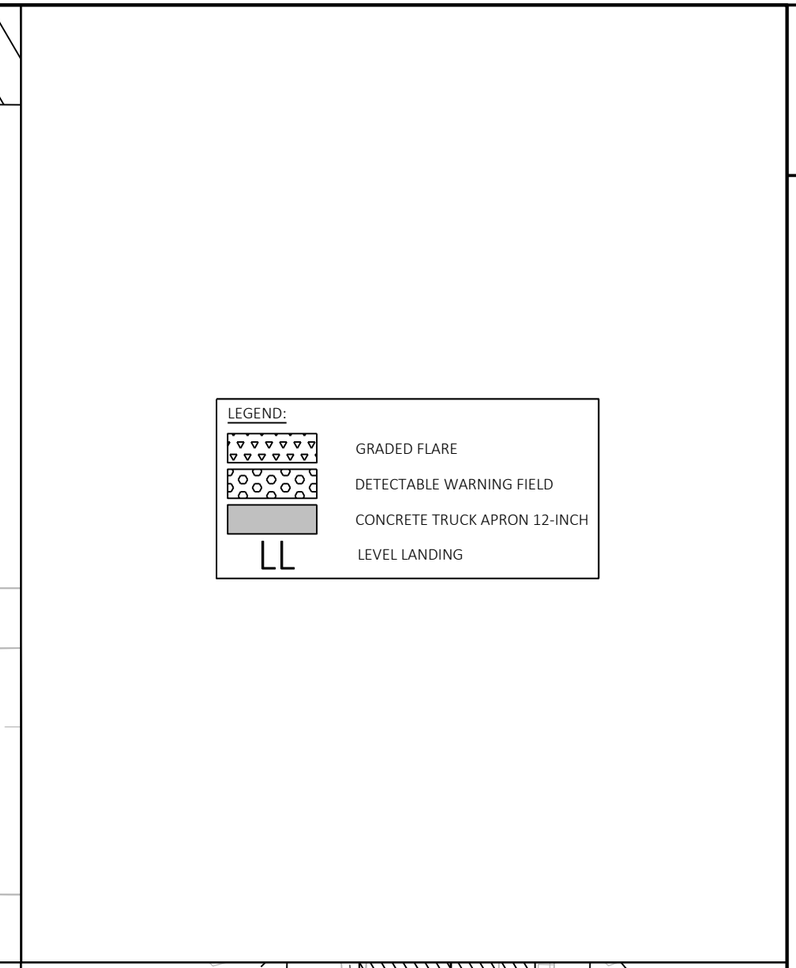
LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 16TH ST	SHEET 62	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021319-cr
PLOT DATE : 1/9/2025 2:35 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT



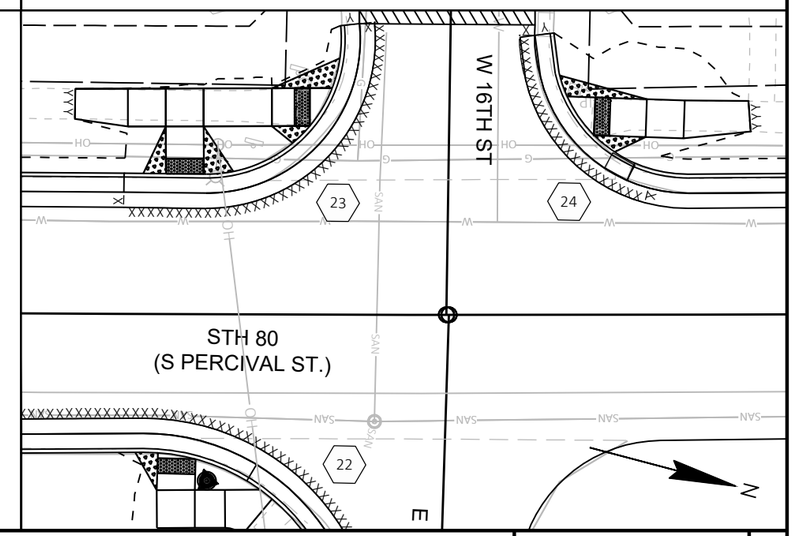


LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

CR23					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
23.01	187+42.02	18.52' L	931.58	407953.58	893406.87
23.02	187+45.03	18.50' L	931.18	407956.49	893406.14
23.03	187+50.04	18.46' L	931.26	407961.34	893404.93
23.04	187+53.96	18.83' L	931.84	407965.04	893403.58
23.05	187+61.78	22.62' L	932.11	407971.64	893397.96
23.06	187+64.02	24.86' L	931.73	407973.24	893395.22
23.07	187+66.97	29.88' L	931.96	407974.83	893389.62
23.08	187+67.98	33.81' L	932.62	407974.81	893385.57
23.09	187+32.95	25.70' L	931.33	407943.02	893402.18
23.10	187+39.97	24.71' L	931.48	407950.05	893401.39
23.11	187+44.98	24.74' L	931.58	407954.89	893400.10

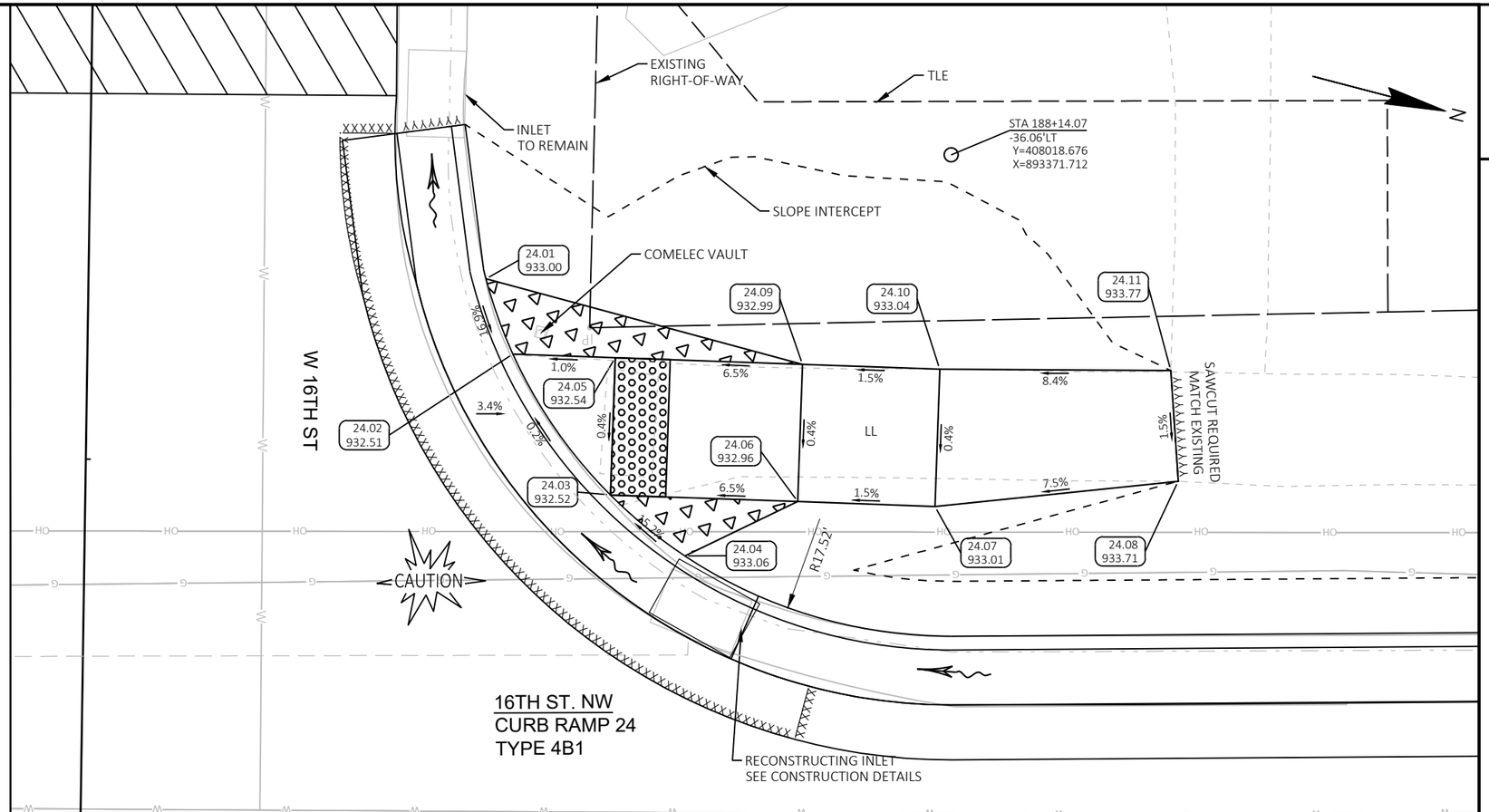
CR23					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
23.12	187+49.99	24.78' L	931.64	407959.72	893398.82
23.13	187+59.01	24.84' L	931.93	407968.41	893396.50
23.14	187+32.99	29.65' L	931.42	407942.07	893398.34
23.15	187+39.93	29.71' L	931.56	407948.77	893396.56
23.16	187+44.95	29.74' L	931.66	407953.60	893395.27
23.17	187+49.96	29.78' L	931.72	407958.43	893393.99
23.18	187+58.98	29.84' L	932.01	407967.13	893391.67
23.19	187+45.01	20.50' L	931.30	407955.98	893404.21
23.20	187+50.02	20.54' L	931.39	407960.81	893402.92
23.21	187+62.02	24.85' L	931.78	407971.31	893395.73
23.22	187+61.99	29.85' L	932.00	407970.03	893390.90

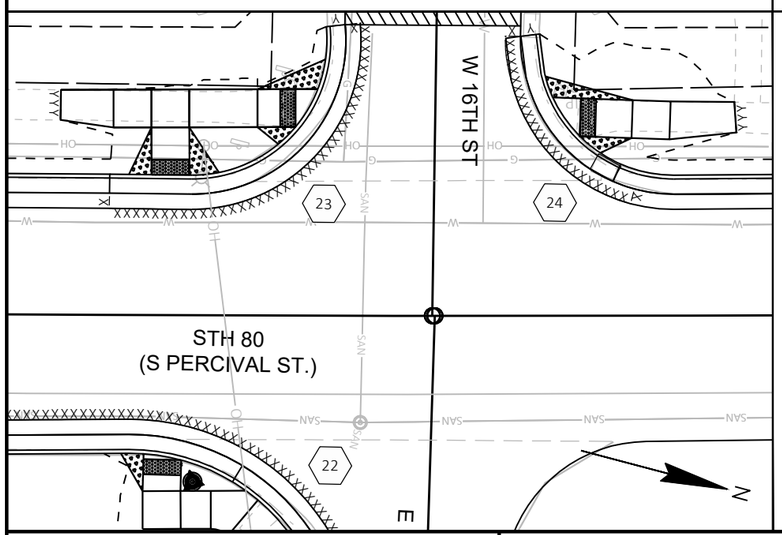


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 16TH ST	SHEET 63	E

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING





CR24					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
24.01	187+97.08	31.56' L	933.00	408003.45	893380.38
24.02	187+98.06	28.82' L	932.51	408005.09	893382.78
24.03	188+01.62	23.69' L	932.52	408009.83	893386.84
24.04	188+04.33	21.47' L	933.06	408013.01	893388.30
24.05	188+01.80	28.69' L	932.54	408008.73	893381.96
24.06	188+08.45	23.45' L	932.96	408016.48	893385.34
24.07	188+13.45	23.26' L	933.01	408021.36	893384.24
24.08	188+22.33	24.16' L	933.71	408029.70	893381.10
24.09	188+08.63	28.44' L	932.99	408015.38	893380.46
24.10	188+13.64	28.26' L	933.04	408020.26	893379.36
24.11	188+22.07	28.19' L	933.77	408028.41	893377.27

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 16TH ST	SHEET 64	E

17TH ST. SE
CURB RAMP 65-W
TYPE 2

STH 80
(S PERCIVAL ST.)

TEF

65.02
936.28

3.9%

2.6%

2.3%

6.8%

7.0%

7.0%

6.6%

65.03
936.43

65.04
937.15

CP 10 - ⅜" SPIKE
ELEV. = 937.790
X = 893392.51
Y = 408174.50

65.01
936.68

65.13
936.45

65.12
936.57

R20.29'

3% GUTTER SLOPE

65.05
937.59

6.4%

7.0%

65.19
936.96

65.18
937.00

65.06
937.40

0.9%

4.0%

2.0%

5.6%

5.6%

17TH ST. SE
CURB RAMP 65-N
TYPE 4B1

65.17
937.20

65.11
937.30

3.0%

6.5%

5.1%

TEF

65.07
937.72

LL

1.5%

1.5%

65.16
937.10

65.15
937.08

65.14
937.35

65.10
937.63

5.6%

0.0%

0.9%

5.5%

5.6%

E 17TH ST

PRW

TLE

65.09
937.73

65.08
938.56

STA 189+48.61
38.76'RT
Y=408168.130
X=893408.697

EXISTING
RIGHT-OF-WAY

SLOPE INTERCEPT
5:1 GRADING

N

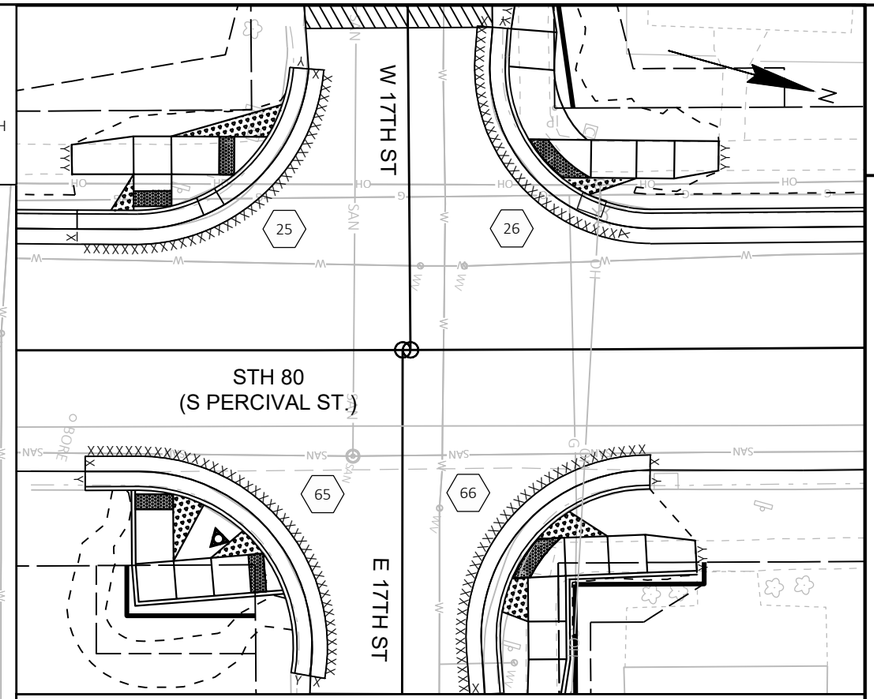
LEGEND:

GRADED FLARE

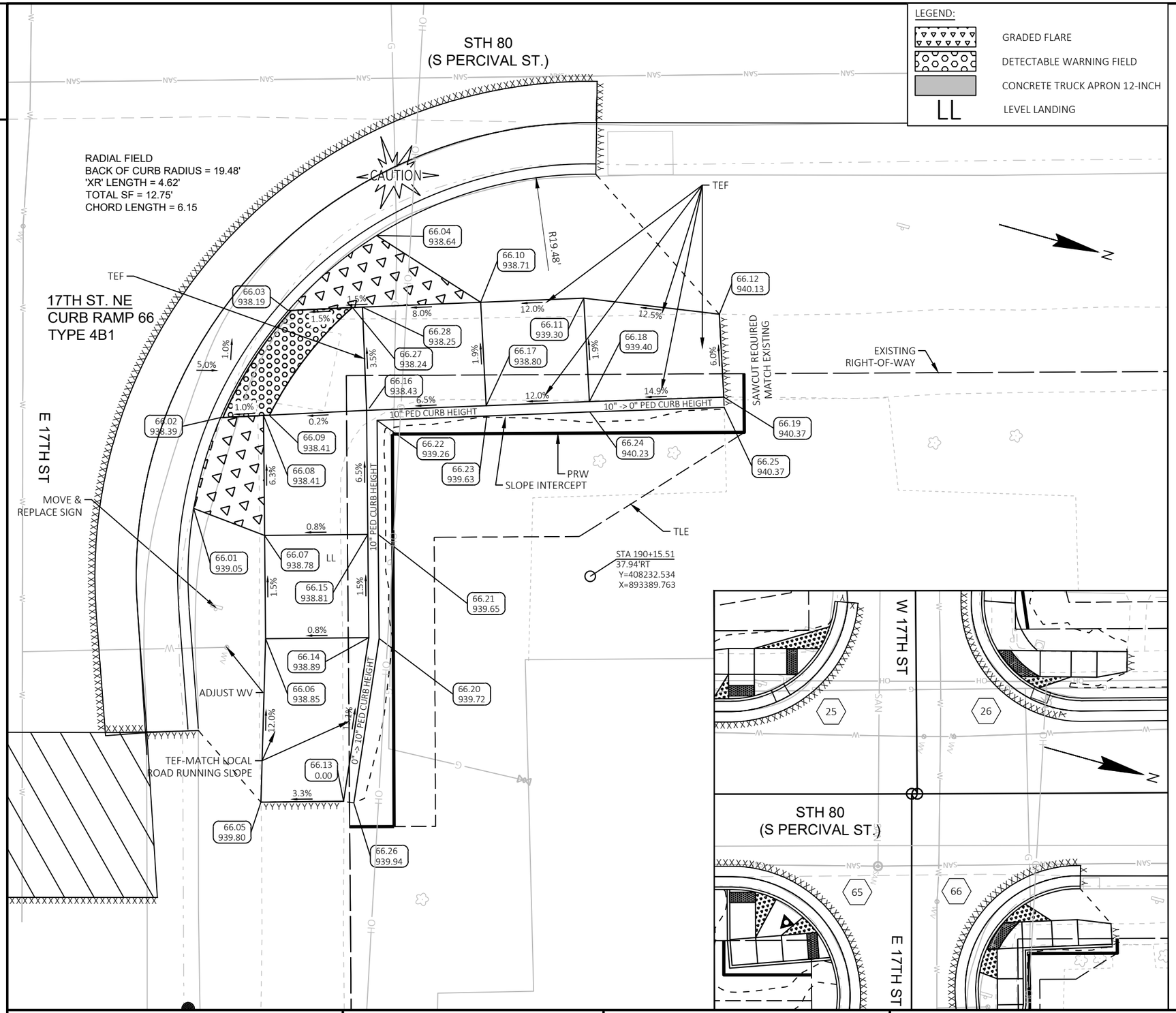
DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING



CR65					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
65.01	189+45.11	18.47' R	936.68	408159.32	893390.09
65.02	189+48.10	18.47' R	936.28	408162.21	893389.28
65.03	189+53.10	18.97' R	936.43	408167.17	893388.43
65.04	189+57.14	20.36' R	937.15	408171.44	893388.67
65.05	189+62.31	23.82' R	937.59	408177.36	893390.62
65.06	189+64.98	26.83' R	937.40	408180.74	893392.80
65.07	189+67.56	31.64' R	937.72	408184.53	893396.74
65.08	189+68.79	36.87' R	938.56	408187.13	893401.44
65.09	189+65.37	31.81' R	937.73	408182.46	893397.50
65.10	189+63.40	31.97' R	937.63	408180.60	893398.18
65.11	189+63.00	26.99' R	937.30	408178.87	893393.49
65.12	189+53.11	20.97' R	936.57	408167.71	893390.35
65.13	189+48.12	21.01' R	936.45	408162.91	893391.72
65.14	189+58.50	32.37' R	937.35	408175.97	893399.88
65.15	189+53.55	32.77' R	937.08	408171.30	893401.59
65.16	189+48.58	33.17' R	937.10	408166.60	893403.32
65.17	189+58.10	27.38' R	937.20	408174.25	893395.18
65.18	189+53.14	27.78' R	937.00	408169.57	893396.90
65.19	189+48.17	28.19' R	936.96	408164.88	893398.62



LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

CR66					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
66.01	189+96.39	34.55' R	939.05	408213.15	893391.73
66.02	189+97.70	30.16' R	938.39	408213.23	893387.15
66.03	190+00.99	24.99' R	938.19	408215.00	893381.28
66.04	190+05.28	21.38' R	938.64	408218.15	893376.63
66.05	189+99.59	48.79' R	939.80	408220.11	893404.56
66.06	189+99.84	40.88' R	938.85	408218.20	893396.88
66.07	189+99.81	35.88' R	938.78	408216.82	893392.07
66.08	189+99.78	30.07' R	938.41	408215.21	893386.49
66.09	190+00.06	30.05' R	938.41	408215.47	893386.40
66.10	190+10.30	24.63' R	938.71	408223.88	893378.39
66.11	190+15.28	24.46' R	939.30	408228.63	893376.86
66.12	190+21.82	25.27' R	940.13	408235.16	893375.85
66.13	190+03.57	48.77' R	0.00	408223.95	893403.45
66.14	190+04.82	40.85' R	938.89	408223.01	893395.49
66.15	190+04.80	35.85' R	938.81	408221.62	893390.69
66.16	190+04.81	29.84' R	938.43	408220.00	893384.90
66.17	190+10.54	29.64' R	938.80	408225.47	893383.14
66.18	190+15.53	29.47' R	939.40	408230.24	893381.61
66.19	190+22.02	29.29' R	940.37	408236.45	893379.66
66.20	190+05.32	40.89' R	939.72	408223.50	893395.39
66.21	190+05.29	35.85' R	939.65	408222.10	893390.55
66.22	190+05.27	30.33' R	939.26	408220.57	893385.24
66.23	190+10.56	30.14' R	939.63	408225.63	893383.62
66.24	190+15.54	29.97' R	940.23	408230.39	893382.09
66.25	190+22.03	29.79' R	940.37	408236.60	893380.14
66.26	190+04.06	48.85' R	939.94	408224.45	893403.39
66.27	190+04.10	24.86' R	938.24	408217.96	893380.30
66.28	190+04.59	24.84' R	938.25	408218.42	893380.15

2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 17TH ST	SHEET 66	E

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PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
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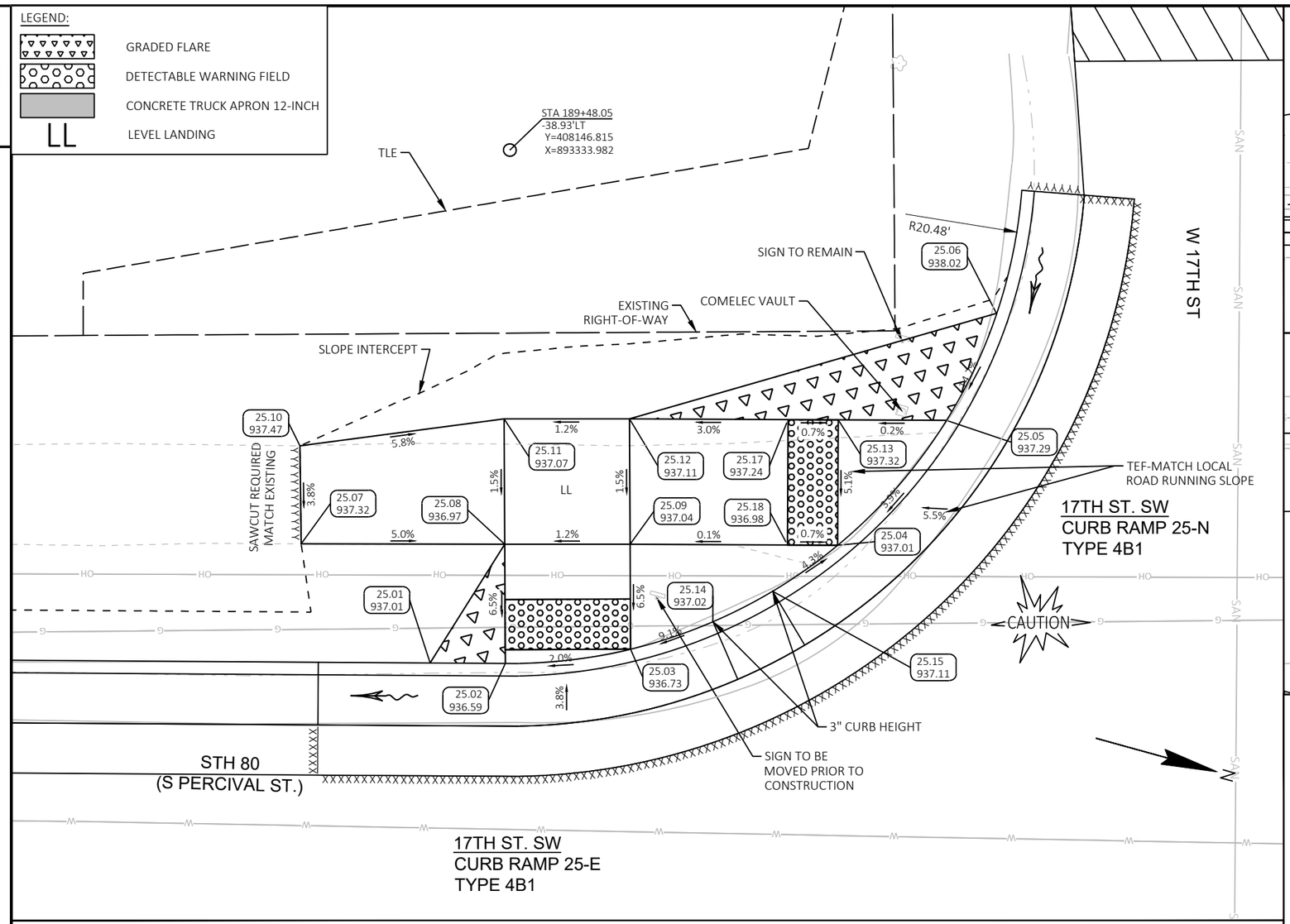
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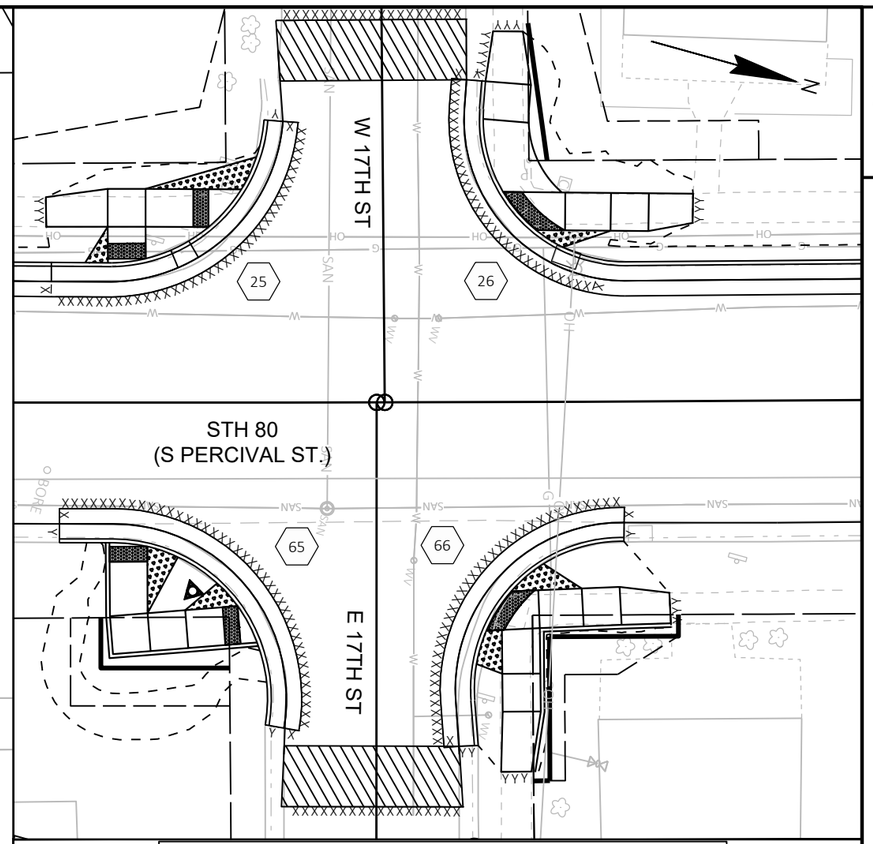
GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING





CR25					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
25.01	189+44.88	18.48' L	937.01	408149.24	893354.54
25.02	189+47.89	18.46' L	936.59	408152.13	893353.75
25.03	189+52.89	19.03' L	936.73	408156.79	893351.86
25.04	189+61.16	23.17' L	937.01	408163.63	893345.66
25.05	189+65.51	28.15' L	937.29	408166.48	893339.70
25.06	189+67.52	32.42' L	938.02	408167.26	893335.05
25.07	189+39.73	23.22' L	937.32	408143.01	893351.34
25.08	189+47.86	23.22' L	936.97	408150.83	893349.18
25.09	189+52.87	23.22' L	937.04	408155.65	893347.84
25.10	189+39.67	27.13' L	937.47	408141.92	893347.59
25.11	189+47.83	28.22' L	937.07	408149.47	893344.36
25.12	189+52.85	28.22' L	937.11	408154.29	893343.03
25.13	189+61.19	28.17' L	937.32	408162.32	893340.84
25.14	189+56.18	20.13' L	937.02	408159.66	893349.93
25.15	189+58.57	21.35' L	937.11	408161.63	893348.12
25.16	190+02.60	27.71' L	938.14	408202.22	893330.12
25.17	189+59.18	28.19' L	937.24	408160.39	893341.36
25.18	189+59.16	23.19' L	936.98	408161.71	893346.19

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 17TH ST	SHEET 67	E

2

LEGEND:

GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

CR26					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
26.01	189+97.88	42.35' L	938.71	408193.71	893317.31
26.02	189+97.52	37.37' L	938.72	408194.71	893322.21
26.03	190+00.08	27.74' L	938.10	408199.79	893330.77
26.04	190+04.41	22.68' L	938.05	408205.32	893334.47
26.05	190+07.98	20.39' L	938.59	408209.37	893335.71
26.06	190+08.32	22.63' L	938.11	408209.09	893333.46
26.07	190+14.33	22.54' L	938.53	408214.89	893331.90
26.08	190+19.34	22.47' L	938.60	408219.72	893330.61
26.09	190+25.19	23.50' L	939.36	408225.05	893328.02
26.10	189+98.90	48.95' L	938.91	408192.90	893310.68

CR26					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
26.11	190+02.86	48.91' L	939.04	408196.70	893309.65
26.12	190+03.88	41.85' L	938.81	408199.60	893316.16
26.13	190+03.54	36.86' L	938.81	408200.63	893321.06
26.14	190+07.86	27.64' L	938.18	408207.28	893328.76
26.15	190+08.39	27.63' L	938.19	408207.80	893328.63
26.16	190+14.40	27.54' L	938.61	408213.59	893327.07
26.17	190+19.42	27.47' L	938.68	408218.42	893325.78
26.18	190+25.26	27.38' L	939.39	408224.06	893324.27

2

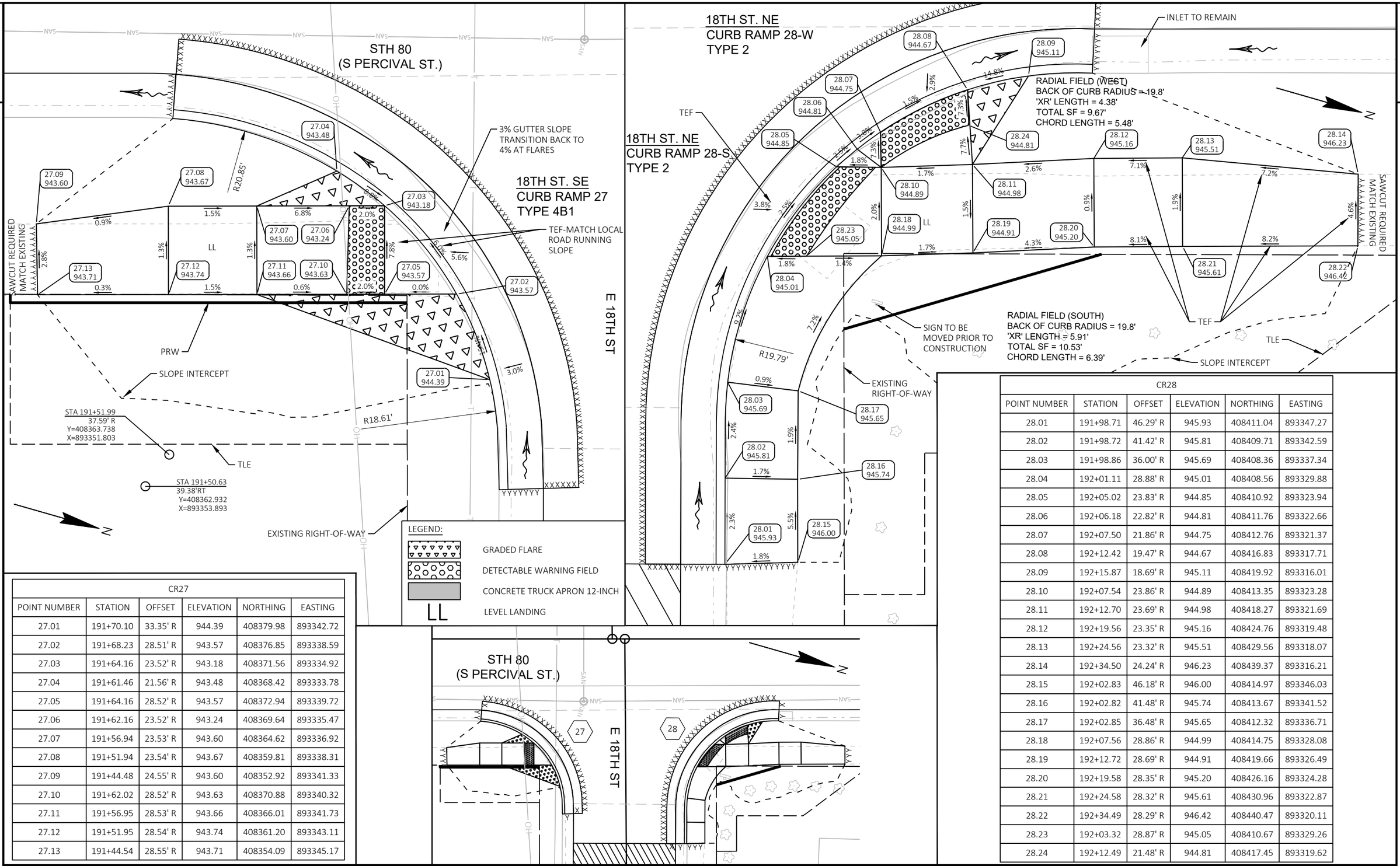
26.10 938.91
SAWCUT REQUIRED MATCH EXISTING
3.2%
26.11 939.04
3.1%
3.2%
26.12 938.81
PRW
1.7%
26.01 938.71
LL
0.3%
0.0%
1.5%
26.02 938.72
26.13 938.81
6.4%
R18.75'
R12.75'
W 17TH ST
TLE
STA 190+16.33
-37.19'LT
Y=408212.808
X=893317.269
SLOPE INTERCEPT
EXISTING RIGHT-OF-WAY
COMELEC VAULT
TEF
26.03 938.10
25.16 938.14
26.14 938.18
26.17 938.68
26.18 939.36
0.8%
1.5%
7.0%
1.5%
12.1%
26.15 938.19
26.16 938.61
LL
1.6%
1.6%
1.6%
SAWCUT REQUIRED MATCH EXISTING
0.8%
3.5%
0.8%
26.06 938.11
26.07 938.53
26.08 938.60
12.7%
1.5%
6.2%
1.5%
26.09 939.36
17TH ST. NW
CURB RAMP 26
TYPE 4B1
CAUTION
26.04 938.05
MATCH FLARE TO INLET
LIGHT POLE
RADIAL FIELD
BACK OF CURB RADIUS = 9.09'
'XR' LENGTH = 8.14'
TOTAL SF = 14.22'
CHORD LENGTH = 6.68'
26.05 938.59
RECONSTRUCTING INLET
SEE CONSTRUCTION DETAILS
STH 80
(S PERCIVAL ST.)

N

W 17TH ST
25
26
STH 80
(S PERCIVAL ST.)
65
66
E 17TH ST

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 17TH ST	SHEET 68	E

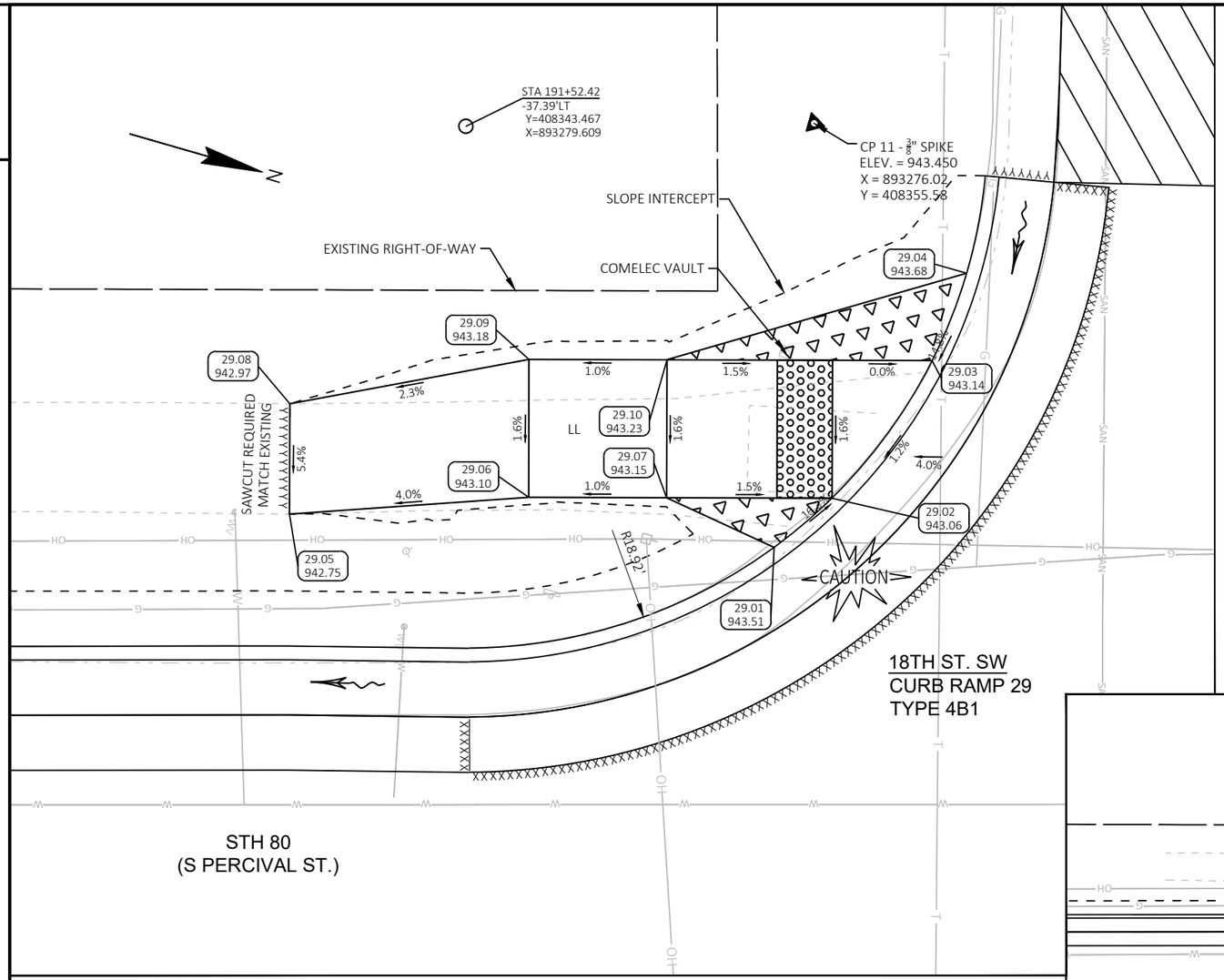
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PLOT DATE : 1/9/2025 2:37 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT



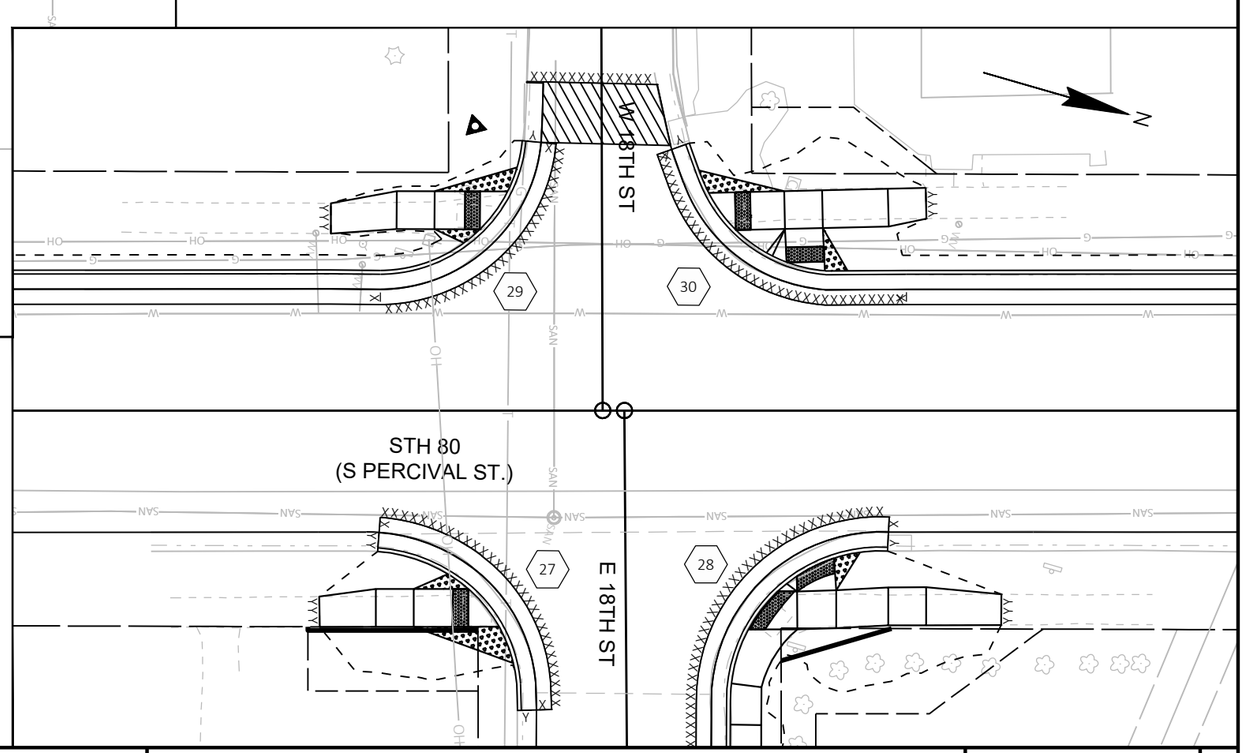
CR27					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
27.01	191+70.10	33.35' R	944.39	408379.98	893342.72
27.02	191+68.23	28.51' R	943.57	408376.85	893338.59
27.03	191+64.16	23.52' R	943.18	408371.56	893334.92
27.04	191+61.46	21.56' R	943.48	408368.42	893333.78
27.05	191+64.16	28.52' R	943.57	408372.94	893339.72
27.06	191+62.16	23.52' R	943.24	408369.64	893335.47
27.07	191+56.94	23.53' R	943.60	408364.62	893336.92
27.08	191+51.94	23.54' R	943.67	408359.81	893338.31
27.09	191+44.48	24.55' R	943.60	408352.92	893341.33
27.10	191+62.02	28.52' R	943.63	408370.88	893340.32
27.11	191+56.95	28.53' R	943.66	408366.01	893341.73
27.12	191+51.95	28.54' R	943.74	408361.20	893343.11
27.13	191+44.54	28.55' R	943.71	408354.09	893345.17

CR28					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
28.01	191+98.71	46.29' R	945.93	408411.04	893347.27
28.02	191+98.72	41.42' R	945.81	408409.71	893342.59
28.03	191+98.86	36.00' R	945.69	408408.36	893337.34
28.04	192+01.11	28.88' R	945.01	408408.56	893329.88
28.05	192+05.02	23.83' R	944.85	408410.92	893323.94
28.06	192+06.18	22.82' R	944.81	408411.76	893322.66
28.07	192+07.50	21.86' R	944.75	408412.76	893321.37
28.08	192+12.42	19.47' R	944.67	408416.83	893317.71
28.09	192+15.87	18.69' R	945.11	408419.92	893316.01
28.10	192+07.54	23.86' R	944.89	408413.35	893323.28
28.11	192+12.70	23.69' R	944.98	408418.27	893321.69
28.12	192+19.56	23.35' R	945.16	408424.76	893319.48
28.13	192+24.56	23.32' R	945.51	408429.56	893318.07
28.14	192+34.50	24.24' R	946.23	408439.37	893316.21
28.15	192+02.83	46.18' R	946.00	408414.97	893346.03
28.16	192+02.82	41.48' R	945.74	408413.67	893341.52
28.17	192+02.85	36.48' R	945.65	408412.32	893336.71
28.18	192+07.56	28.86' R	944.99	408414.75	893328.08
28.19	192+12.72	28.69' R	944.91	408419.66	893326.49
28.20	192+19.58	28.35' R	945.20	408426.16	893324.28
28.21	192+24.58	28.32' R	945.61	408430.96	893322.87
28.22	192+34.49	28.29' R	946.42	408440.47	893320.11
28.23	192+03.32	28.87' R	945.05	408410.67	893329.26
28.24	192+12.49	21.48' R	944.81	408417.45	893319.62

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 18TH ST	SHEET 69	E



CR29					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
29.01	191+63.59	22.13' L	943.51	408358.42	893291.20
29.02	191+65.69	23.92' L	943.06	408359.95	893288.90
29.03	191+69.32	28.91' L	943.14	408362.06	893283.10
29.04	191+70.57	32.07' L	943.68	408362.38	893279.72
29.05	191+46.02	23.34' L	942.75	408341.20	893294.88
29.06	191+54.69	23.95' L	943.10	408349.36	893291.90
29.07	191+59.69	23.94' L	943.15	408354.17	893290.54
29.08	191+46.04	27.34' L	942.97	408340.11	893291.03
29.09	191+54.71	28.95' L	943.18	408348.00	893287.09
29.10	191+59.71	28.94' L	943.23	408352.81	893285.73

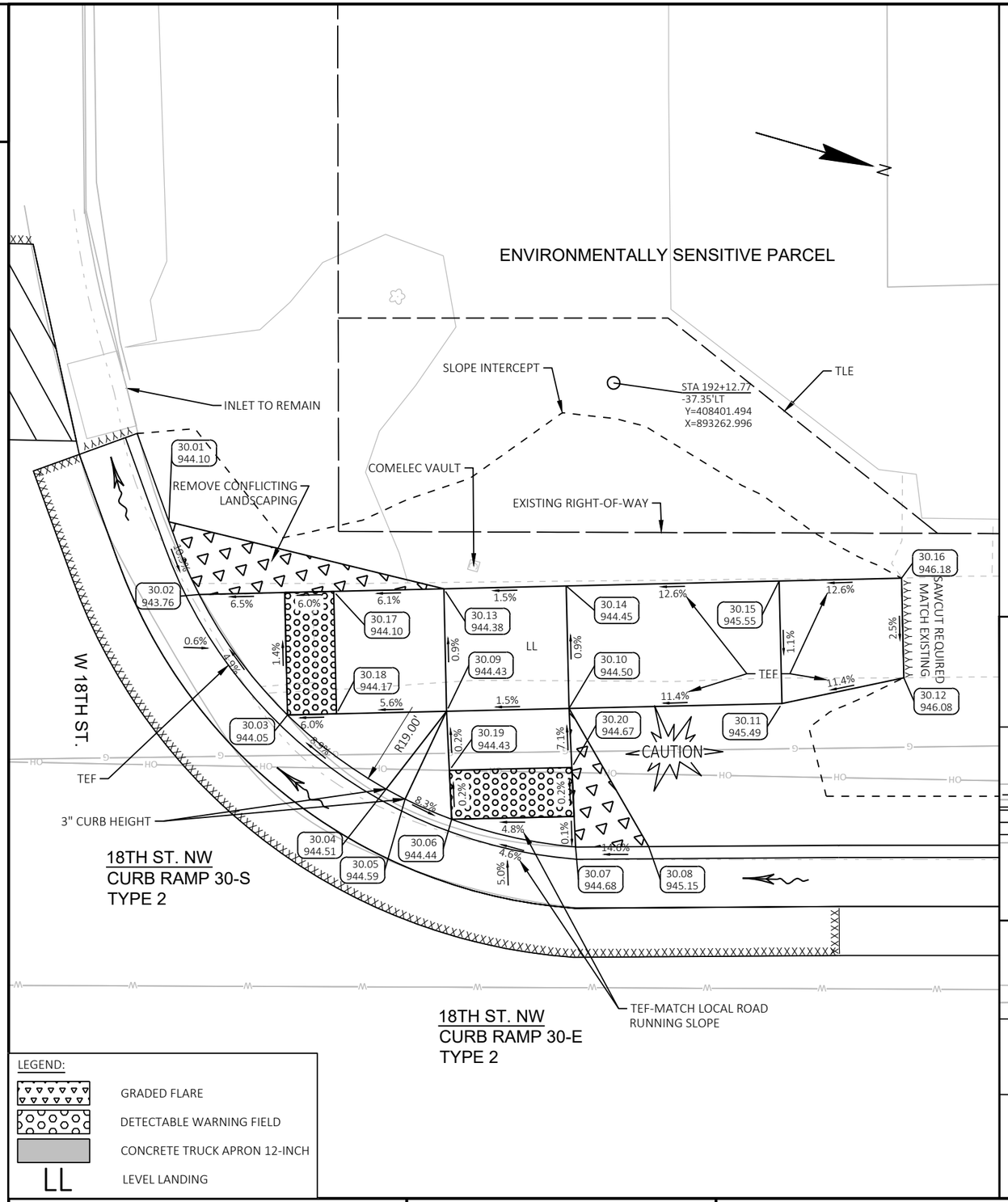


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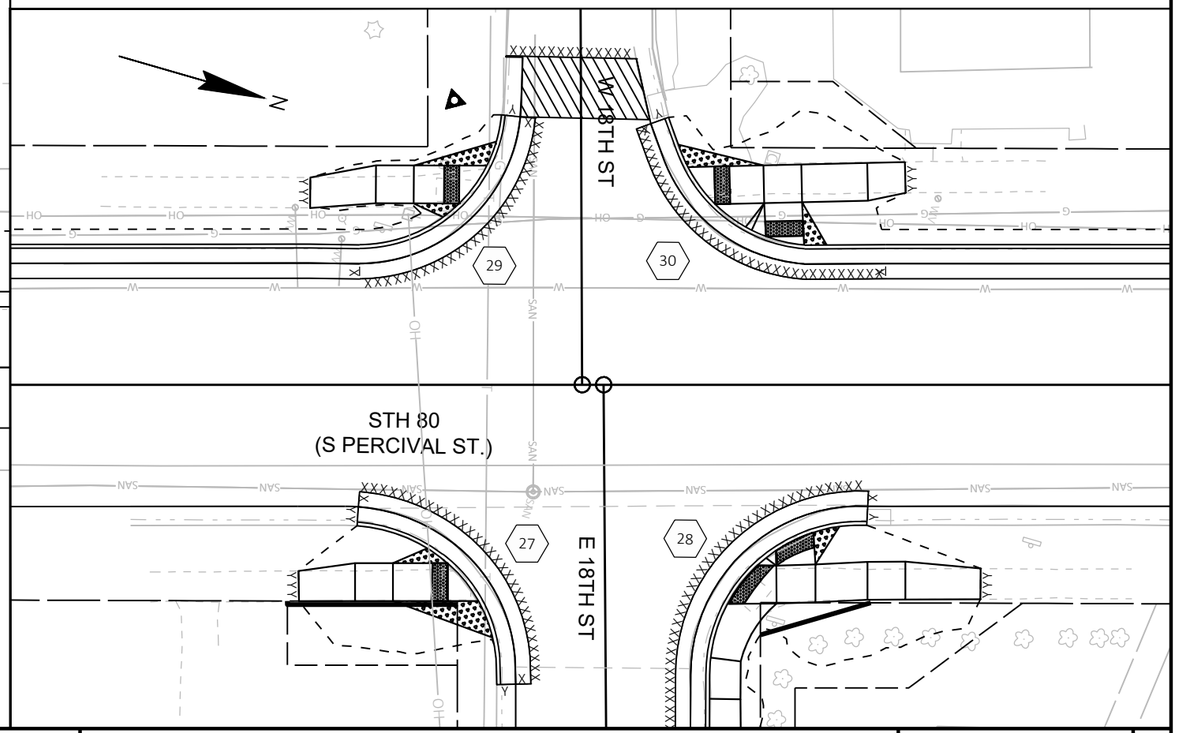
- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 18TH ST	SHEET 70	E

2



CR30					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
30.01	191+94.62	31.69' L	944.10	408385.61	893273.45
30.02	191+95.85	28.72' L	943.76	408387.61	893275.96
30.03	191+99.46	23.80' L	944.05	408392.43	893279.69
30.04	192+03.49	20.78' L	944.51	408397.14	893281.49
30.05	192+04.27	20.37' L	944.59	408398.00	893281.67
30.06	192+06.16	19.55' L	944.44	408400.05	893281.94
30.07	192+11.22	18.42' L	944.68	408405.22	893281.62
30.08	192+14.21	18.44' L	945.15	408408.09	893280.78
30.09	192+05.96	23.96' L	944.43	408398.64	893277.75
30.10	192+10.96	24.07' L	944.50	408403.41	893276.26
30.11	192+19.64	24.27' L	945.49	408411.70	893273.68
30.12	192+24.62	25.32' L	946.08	408416.20	893271.29
30.13	192+05.84	28.95' L	944.38	408397.15	893272.98
30.14	192+10.84	29.07' L	944.45	408401.92	893271.49
30.15	192+19.53	29.27' L	945.55	408410.21	893268.90
30.16	192+24.52	29.39' L	946.18	408414.99	893267.41
30.17	192+01.34	28.85' L	944.10	408392.85	893274.32
30.18	192+01.46	23.85' L	944.17	408394.34	893279.10
30.19	192+06.07	21.54' L	944.43	408399.41	893280.04
30.20	192+11.07	21.66' L	944.67	408404.18	893278.55



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 18TH ST	SHEET 71	E

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

STH 80
(S PERCIVAL ST.)

19TH ST. SE
CURB RAMP 31
TYPE 4B1

19TH ST

POLE

R18.38'

SAWCUT REQUIRED
MATCH EXISTING

LL

TEF

31.01 951.53
31.02 950.78
31.03 950.35
31.04 950.49
31.05 950.78
31.06 950.87
31.07 950.87
31.08 950.93
31.09 950.96
31.10 950.44
31.11 950.80
31.12 950.86
31.13 950.79

0.7% 1.2% 7.0% 3.9% 6.6% 0.0% 0.1% 1.2% 0.4% 4.2% 1.4% 1.5% 8.6% 3.8%

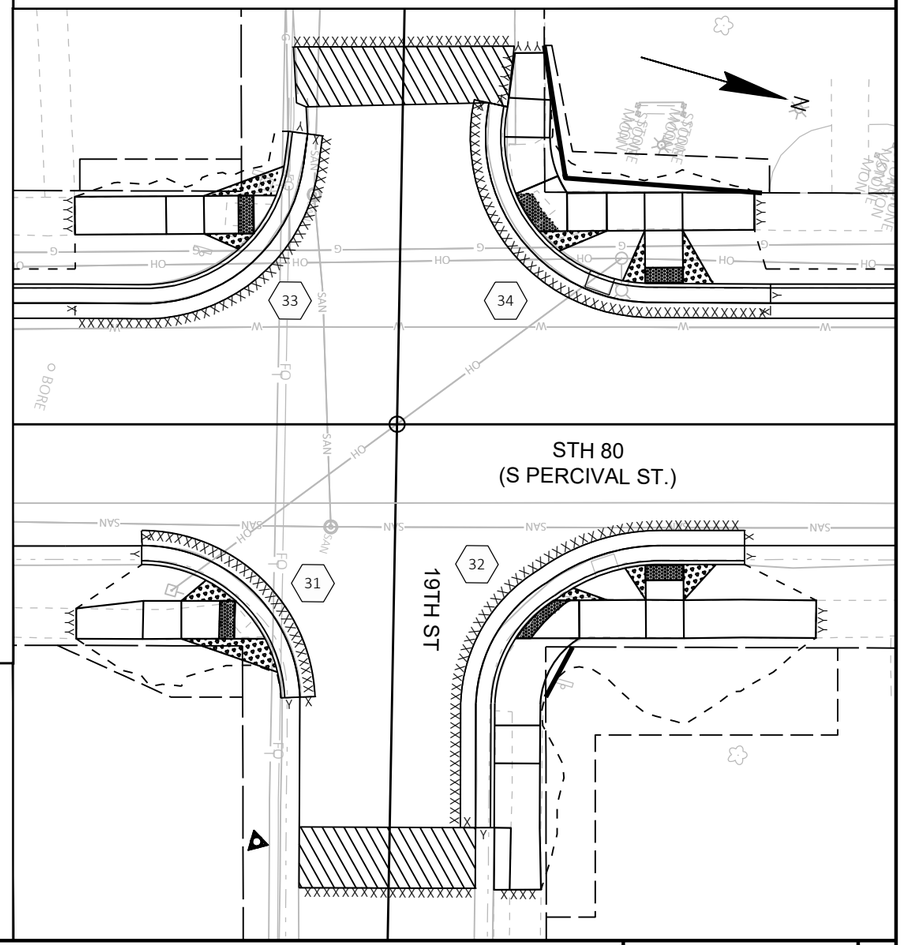
SLOPE INTERCEPT

TLE
STA 193+51.14
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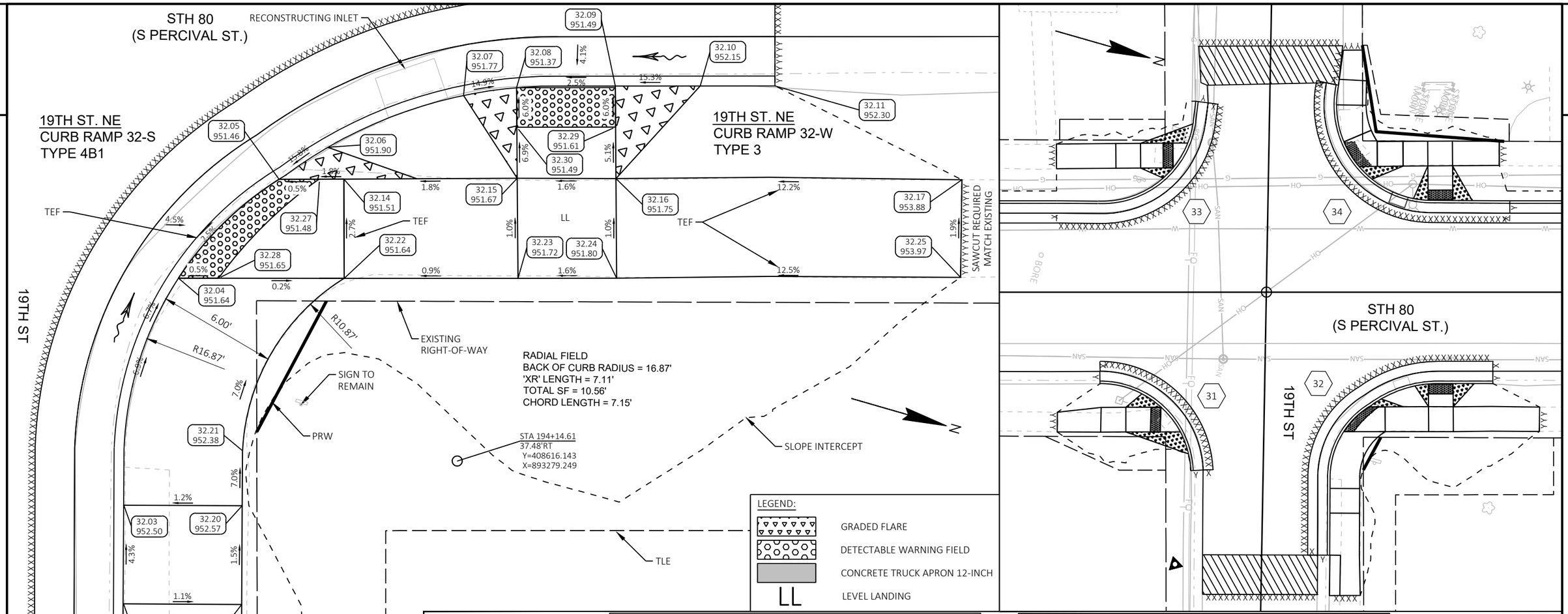
EXISTING
RIGHT-OF-WAY

N

CR31					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
31.01	193+69.03	32.70' R	951.53	408571.01	893287.23
31.02	193+67.37	28.27' R	950.78	408568.20	893283.43
31.03	193+63.49	23.28' R	950.35	408563.09	893279.70
31.04	193+59.60	20.58' R	950.49	408558.60	893278.17
31.05	193+63.35	28.28' R	950.78	408564.33	893284.55
31.06	193+61.35	28.28' R	950.87	408562.41	893285.10
31.07	193+56.38	28.29' R	950.87	408557.64	893286.48
31.08	193+51.27	28.32' R	950.93	408552.73	893287.91
31.09	193+42.50	28.29' R	950.96	408544.29	893290.30
31.10	193+61.49	23.28' R	950.44	408561.17	893280.26
31.11	193+56.37	23.29' R	950.80	408556.25	893281.68
31.12	193+51.37	23.30' R	950.86	408551.44	893283.06
31.13	193+42.52	24.29' R	950.79	408543.21	893286.46



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 19TH ST	SHEET 72	E



CR32					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
32.01	193+97.66	53.21' R	953.09	408604.18	893299.05
32.02	193+97.72	44.70' R	952.72	408601.90	893290.85
32.03	193+97.74	39.72' R	952.50	408600.54	893286.05
32.04	194+00.50	28.22' R	951.64	408600.03	893274.24
32.05	194+05.60	23.21' R	951.46	408603.55	893268.02
32.06	194+08.07	21.60' R	951.90	408605.47	893265.79
32.07	194+14.94	18.97' R	951.77	408611.36	893261.37
32.08	194+17.62	18.58' R	951.37	408613.82	893260.25
32.09	194+22.63	18.50' R	951.49	408618.61	893258.79
32.10	194+26.92	18.49' R	952.15	408622.73	893257.60
32.11	194+30.71	18.49' R	952.30	408626.38	893256.55
32.12	193+99.71	61.40' R	953.58	408608.42	893306.35
32.13	193+99.85	53.25' R	953.16	408606.30	893298.48
32.14	194+08.88	23.21' R	951.51	408606.69	893267.11
32.15	194+17.66	23.17' R	951.67	408615.12	893264.65

CR32					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
32.16	194+22.66	23.18' R	951.75	408619.93	893263.29
32.17	194+40.17	23.24' R	953.88	408636.78	893258.51
32.18	194+03.84	61.37' R	953.86	408612.38	893305.18
32.19	194+03.70	44.74' R	952.65	408607.66	893289.23
32.20	194+03.73	39.74' R	952.57	408606.31	893284.42
32.21	194+03.75	36.96' R	952.38	408605.56	893281.74
32.22	194+08.90	28.23' R	951.64	408608.10	893271.93
32.23	194+17.70	28.23' R	951.72	408616.56	893269.50
32.24	194+22.69	28.23' R	951.80	408621.35	893268.12
32.25	194+40.10	28.19' R	953.97	408638.08	893263.28
32.26	193+97.62	61.41' R	953.25	408606.41	893306.94
32.27	194+07.65	23.21' R	951.48	408605.52	893267.45
32.28	194+02.53	28.22' R	951.65	408601.98	893273.68
32.29	194+22.64	20.58' R	951.61	408619.20	893260.78
32.30	194+17.64	20.58' R	951.49	408614.39	893262.17

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 19TH ST	SHEET 73	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021326-cr
PLOT DATE : 1/9/2025 2:39 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2

CR33					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
33.01	193+69.95	34.06' L	950.80	408553.48	893222.80
33.02	193+68.90	30.21' L	950.18	408553.53	893226.80
33.03	193+65.95	25.19' L	950.03	408552.08	893232.44
33.04	193+63.96	23.12' L	950.46	408550.74	893234.97
33.05	193+65.92	30.19' L	950.18	408550.67	893227.64
33.06	193+63.95	25.17' L	950.09	408550.16	893233.00
33.07	193+59.40	25.14' L	950.26	408545.80	893234.29
33.08	193+54.40	25.10' L	950.21	408541.00	893235.70
33.09	193+42.34	25.02' L	949.64	408529.44	893239.11
33.10	193+63.92	30.17' L	950.21	408548.76	893228.20
33.11	193+59.36	30.14' L	950.32	408544.38	893229.49
33.12	193+54.36	30.10' L	950.27	408539.59	893230.91
33.13	193+42.31	30.02' L	949.62	408528.02	893234.31

N

EXISTING RIGHT-OF-WAY

CAUTION

STA 193+51.61
-37.00'LT
Y=408535.037
X=893225.042

TLE

SIGN TO BE MOVED PRIOR TO CONSTRUCTION

SLOPE INTERCEPT

COMELEC VAULT

19TH ST

33.01 950.80

33.02 950.18

33.03 950.03

33.04 950.46

33.05 950.18

33.06 950.09

33.07 950.26

33.08 950.21

33.09 949.64

33.10 950.21

33.11 950.32

33.12 950.27

33.13 949.62

SAWCUT REQUIRED MATCH EXISTING

5.4% 0.4% 1.2% 4.7% 1.0% 1.2% 3.7% 1.0% 2.3% 2.5% 3.0% 3.0% 1.0% 4.0% 4.7% 4.7% 3.0%

LL

TEF

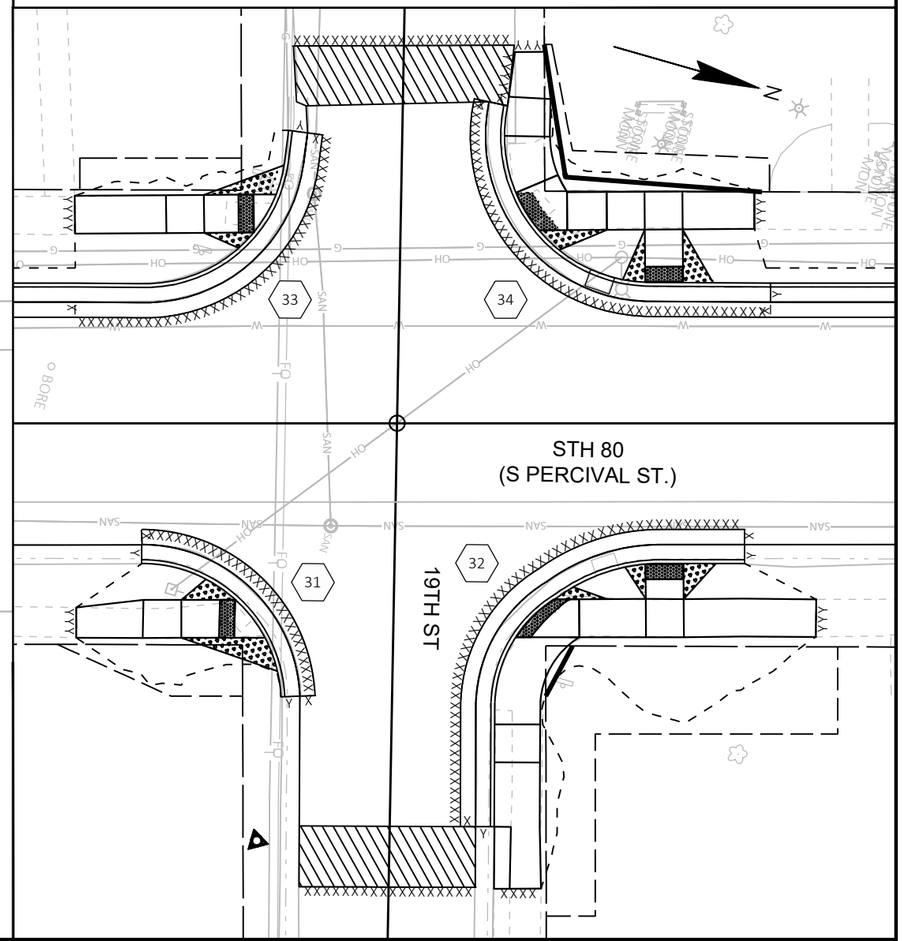
R18.58'

SIGN TO REMAIN

CAUTION

19TH ST. SW
CURB RAMP 33
TYPE 4B1

STH 80
(S PERCIVAL ST.)



LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 19TH ST	SHEET 74	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021327-cr

PLOT DATE : 1/9/2025 2:39 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

LEGEND:

GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

EXISTING RIGHT-OF-WAY

SAWCUT REQUIRED MATCH EXISTING

RADIAL FIELD
BACK OF CURB RADIUS = 19.31'
'XR' LENGTH = 5.80'
TOTAL SF = 12.03
CHORD LENGTH = 5.85'

ENVIRONMENTALLY SENSITIVE PARCEL

STA 194+18.33
-37.91'LT
Y=408598.917
X=893205.755

TLE

SLOPE INTERCEPT

PRW

34.01 951.35
34.02 951.53
34.03 951.51
34.04 951.54
34.05 951.08
34.06 951.12
34.07 951.68
34.08 951.96
34.09 951.58
34.10 951.74
34.11 952.37
34.12 952.62
34.13 951.11
34.14 951.16
34.15 951.64
34.16 951.81
34.17 951.16
34.18 951.52
34.19 951.86
34.20 951.88
34.21 952.66
34.22 951.41
34.23 951.61
34.24 951.53
34.25 951.15
34.26 951.17
34.27 951.55
34.28 951.91
34.29 951.93
34.30 952.63

1.4% 2.9% 3.1% 1.5% 0.0% 5.9% 7.1% 6.00' 1.2% 0.6% 1.3% 3.4% 0.9% 0.1% 7.2% 7.2% 0.6% 1.0% 0.5% 1.0% LL 7.4% 0.5% 1.3% 14.7% 6.8% 6.8% 0.5% 8.2% TEF SAWCUT REQUIRED MATCH EXISTING R19.31' POLE CAUTION 4.4% 1.6% 3.0% 3.0% 12.0% 3.4% 12.9% 4.0% TEF

19TH ST. NW
CURB RAMP 34-S
TYPE 4B1

STH 80
(S PERCIVAL ST.)

RECONSTRUCTING INLET
SEE CONSTRUCTION DETAILS

19TH ST. NW
CURB RAMP 34-E
TYPE 3

CR34					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
34.01	194+00.41	48.98' L	951.35	408578.64	893200.06
34.02	193+99.61	43.10' L	951.53	408579.49	893205.93
34.03	193+99.43	41.90' L	951.51	408579.65	893207.14
34.04	193+99.01	37.92' L	951.54	408580.35	893211.08
34.05	194+00.52	30.43' L	951.08	408583.87	893217.86
34.06	194+03.57	25.45' L	951.12	408588.17	893221.80
34.07	194+06.21	22.87' L	951.68	408591.42	893223.55
34.08	194+14.75	19.10' L	951.96	408600.67	893224.83
34.09	194+17.59	18.61' L	951.58	408603.54	893224.51
34.10	194+22.59	18.57' L	951.74	408608.35	893223.17
34.11	194+26.55	18.54' L	952.37	408612.16	893222.10
34.12	194+34.14	18.49' L	952.62	408619.48	893220.06
34.13	194+02.82	30.45' L	951.11	408586.07	893217.21
34.14	194+06.43	25.47' L	951.16	408590.91	893220.99
34.15	194+17.58	20.67' L	951.64	408602.95	893222.53

CR34					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
34.16	194+22.58	20.70' L	951.81	408607.75	893221.13
34.17	194+07.31	25.48' L	951.16	408591.76	893220.74
34.18	194+12.55	25.52' L	951.52	408596.78	893219.26
34.19	194+17.55	25.55' L	951.86	408601.57	893217.85
34.20	194+22.55	25.59' L	951.88	408606.37	893216.44
34.21	194+31.99	25.66' L	952.66	408615.43	893213.76
34.22	194+04.38	49.02' L	951.41	408582.45	893198.93
34.23	194+05.10	42.79' L	951.61	408584.86	893204.72
34.24	194+05.01	37.82' L	951.53	408586.15	893209.51
34.25	194+06.05	32.76' L	951.15	408588.54	893214.10
34.26	194+07.28	30.48' L	951.17	408590.35	893215.94
34.27	194+12.51	30.52' L	951.55	408595.36	893214.47
34.28	194+17.51	30.55' L	951.91	408600.16	893213.06
34.29	194+22.51	30.59' L	951.93	408604.96	893211.64
34.30	194+32.00	30.57' L	952.63	408614.08	893209.04

33 34 31 32

STH 80
(S PERCIVAL ST.)

19TH ST

2

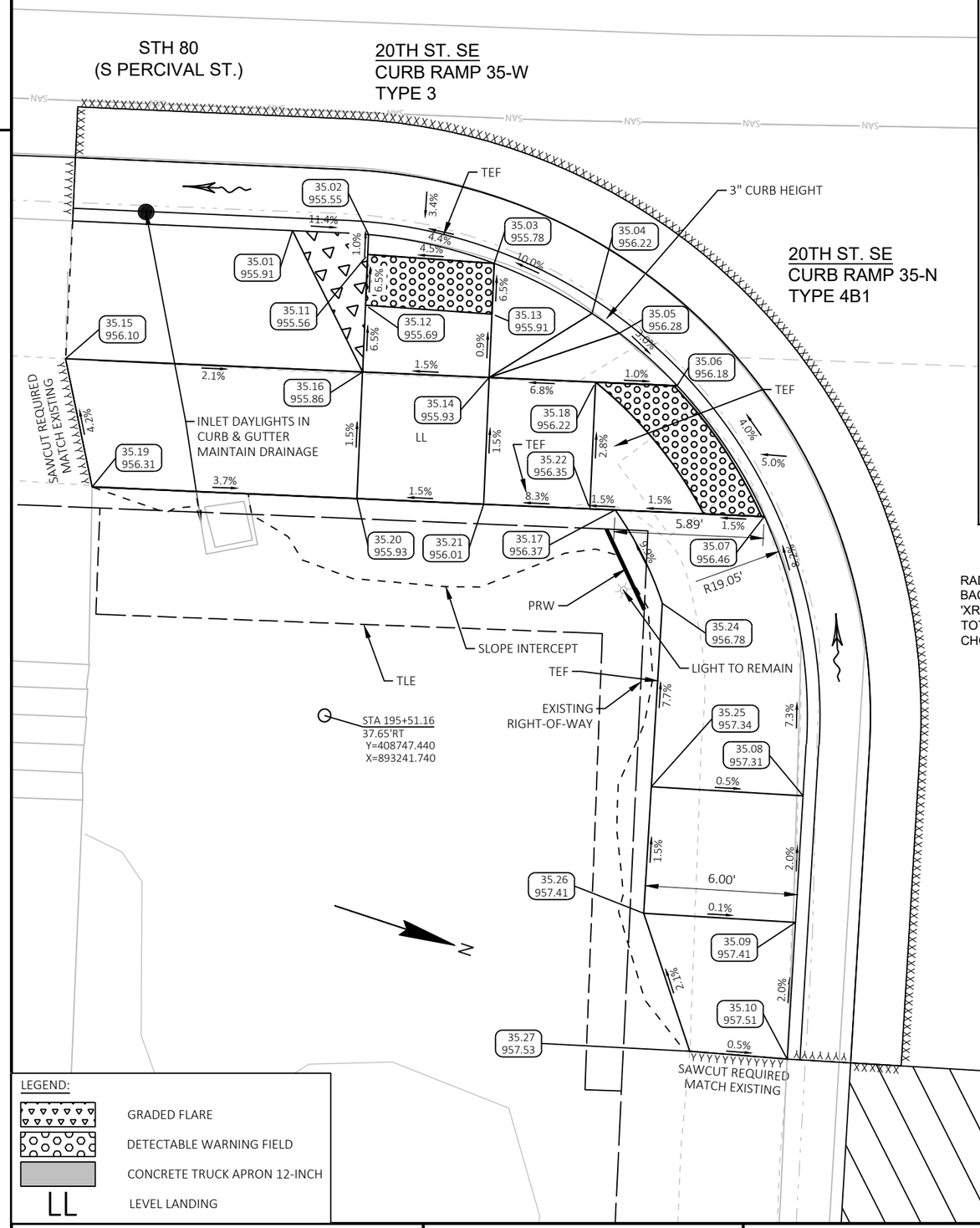
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 19TH ST	SHEET 75	E

2

STH 80
(S PERCIVAL ST.)

20TH ST. SE
CURB RAMP 35-W
TYPE 3

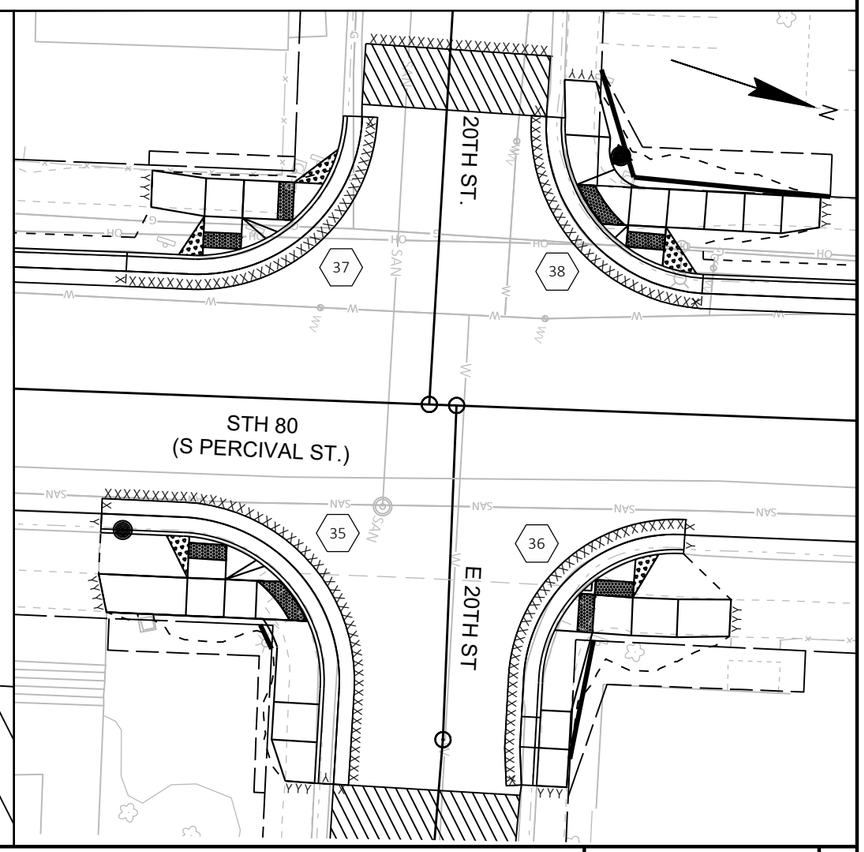
20TH ST. SE
CURB RAMP 35-N
TYPE 4B1



RADIAL FIELD
BACK OF CURB RADIUS = 19.50'
'XR' LENGTH = 7.87'
TOTAL SF = 12.96
CHORD LENGTH = 6.22'

CR35					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
35.01	195+49.18	18.59' R	955.91	408740.28	893223.97
35.02	195+52.18	18.63' R	955.55	408743.18	893223.18
35.03	195+57.18	19.58' R	955.78	408748.24	893222.71
35.04	195+61.11	21.41' R	956.22	408752.53	893223.38
35.05	195+62.22	22.14' R	956.28	408753.79	893223.78
35.06	195+64.58	24.13' R	956.18	408756.60	893225.04
35.07	195+68.21	29.15' R	956.46	408761.48	893228.87
35.08	195+70.16	40.09' R	957.31	408766.38	893238.85
35.09	195+70.05	45.09' R	957.41	408767.65	893243.68
35.10	195+69.92	50.49' R	957.51	408769.02	893248.91
35.11	195+52.18	19.42' R	955.56	408743.39	893223.94
35.12	195+52.17	21.42' R	955.69	408743.93	893225.86
35.13	195+57.17	21.58' R	955.91	408748.78	893224.63
35.14	195+57.15	24.08' R	955.93	408749.46	893227.05

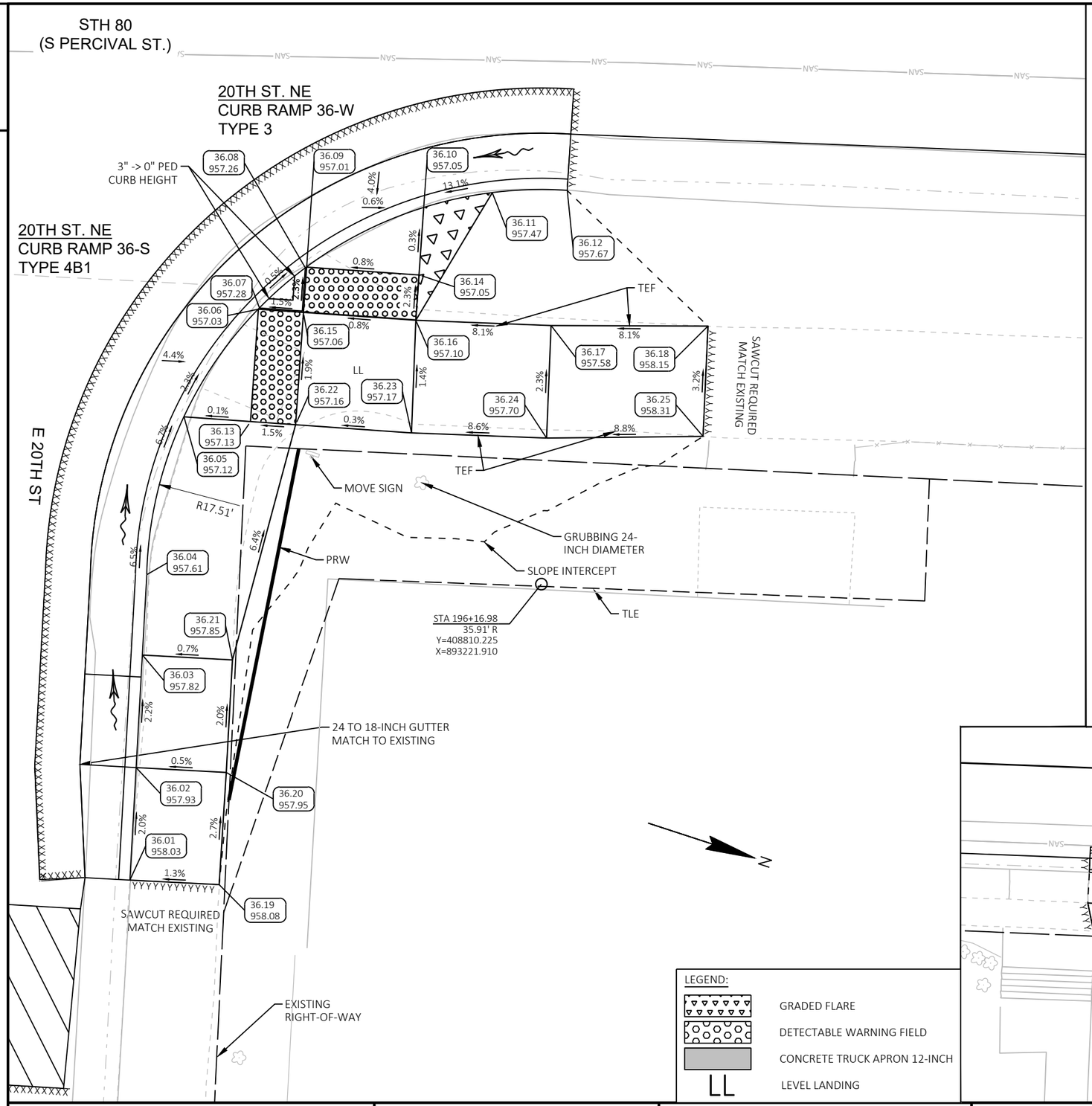
CR35					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
35.15	195+40.42	23.98' R	956.10	408733.34	893231.57
35.16	195+52.15	24.05' R	955.86	408744.64	893228.40
35.17	195+62.32	29.11' R	956.37	408755.81	893230.46
35.18	195+61.35	24.11' R	956.22	408753.50	893225.91
35.19	195+41.66	28.99' R	956.31	408735.92	893236.04
35.20	195+52.12	29.05' R	955.93	408745.99	893233.21
35.21	195+57.12	29.08' R	956.01	408750.81	893231.86
35.22	195+61.32	29.11' R	956.35	408754.85	893230.73
35.24	195+64.32	32.72' R	956.78	408758.73	893233.38
35.25	195+64.16	39.96' R	957.34	408760.57	893240.38
35.26	195+64.05	44.96' R	957.41	408761.85	893245.21
35.27	195+66.08	50.33' R	957.53	408765.27	893249.81



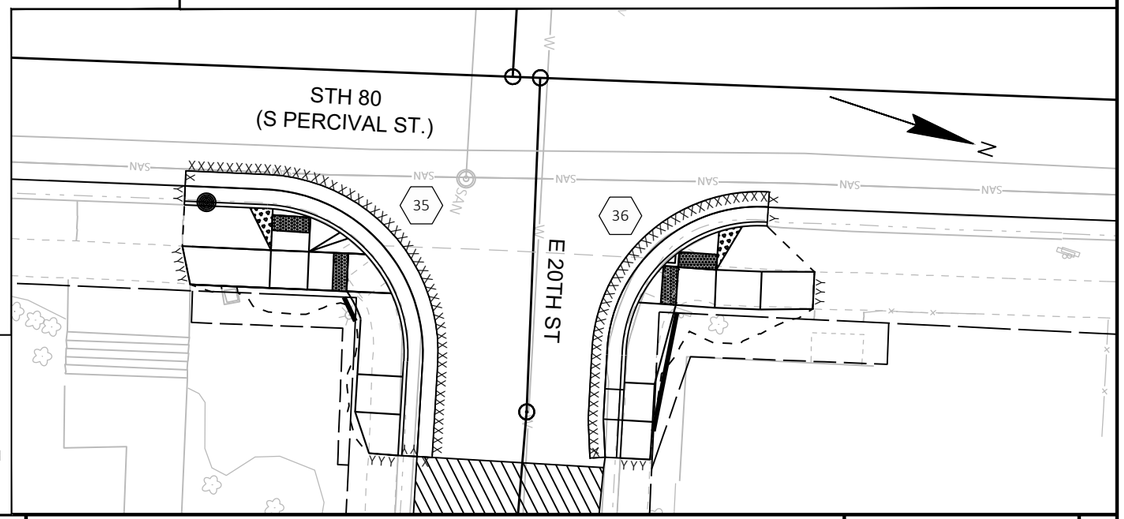
LEGEND:
- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 20TH ST	SHEET 76	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021329-cr
PLOT DATE : 1/13/2025 5:12 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



CR36					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
36.01	195+99.24	49.71' R	958.03	408796.98	893240.07
36.02	195+99.33	44.72' R	957.93	408795.69	893235.25
36.03	195+99.41	39.72' R	957.82	408794.39	893230.42
36.04	195+99.48	36.15' R	957.61	408793.47	893226.97
36.05	196+00.85	29.10' R	957.12	408792.85	893219.81
36.06	196+03.97	24.19' R	957.03	408794.49	893214.24
36.07	196+04.02	24.14' R	957.28	408794.52	893214.18
36.08	196+05.98	22.29' R	957.26	408795.90	893211.85
36.09	196+06.04	22.25' R	957.01	408795.94	893211.80
36.10	196+11.13	19.41' R	957.05	408800.05	893207.67
36.11	196+14.14	18.63' R	957.47	408802.73	893206.09
36.12	196+17.46	18.40' R	957.67	408805.85	893204.95
36.13	196+03.81	29.19' R	957.13	408795.72	893219.09
36.14	196+11.03	22.41' R	957.05	408800.78	893210.57
36.15	196+05.97	24.26' R	957.06	408796.43	893213.75
36.16	196+10.97	24.42' R	957.10	408801.28	893212.52
36.17	196+16.97	24.42' R	957.58	408807.05	893210.87
36.18	196+23.93	24.19' R	958.15	408813.67	893208.73
36.19	196+03.20	49.77' R	958.08	408800.81	893239.03
36.20	196+03.33	44.78' R	957.95	408799.55	893234.21
36.21	196+03.41	39.79' R	957.85	408798.25	893229.38
36.22	196+05.81	29.25' R	957.16	408797.65	893218.60
36.23	196+10.96	29.42' R	957.17	408802.65	893217.33
36.24	196+16.96	29.42' R	957.70	408808.42	893215.68
36.25	196+23.89	29.08' R	958.31	408814.99	893213.44



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 20TH ST	SHEET 77	E

CR37					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
37.01	195+42.57	18.56' L	955.90	408723.68	893190.09
37.02	195+49.38	18.50' L	956.19	408730.24	893188.27
37.03	195+52.53	18.52' L	955.75	408733.26	893187.37
37.04	195+57.54	19.56' L	955.85	408737.79	893184.99
37.05	195+60.78	21.06' L	956.17	408740.49	893182.66
37.06	195+62.27	22.01' L	956.20	408741.66	893181.33
37.07	195+64.22	23.60' L	956.00	408743.10	893179.27
37.08	195+68.06	28.57' L	956.12	408745.42	893173.43
37.09	195+69.81	33.12' L	956.72	408745.85	893168.58
37.10	195+70.36	37.62' L	956.82	408745.13	893164.10

CR37					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
37.11	195+45.50	24.64' L	955.63	408724.81	893183.43
37.12	195+52.57	23.70' L	956.01	408731.87	893182.38
37.13	195+57.57	23.66' L	956.06	408736.69	893181.04
37.14	195+45.50	29.47' L	955.65	408723.48	893178.79
37.15	195+52.62	28.70' L	956.09	408730.54	893177.56
37.16	195+57.62	28.66' L	956.14	408735.35	893176.23
37.17	195+64.27	28.60' L	956.07	408741.76	893174.45
37.18	195+52.56	21.61' L	955.90	408732.43	893184.40
37.19	195+57.56	21.56' L	955.98	408737.25	893183.06

LEGEND:

GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

ENVIRONMENTALLY SENSITIVE PARCEL

STA 195+51.16
-37.67'LT
Y=408726.665
X=893169.342

37.10
956.82

COMELEC VAULT

R19.20'

TLE

3:1 GRADING BLEND TO AVOID IMPACTING FENCE

EXISTING RIGHT-OF-WAY

SIGN TO REMAIN

37.09
956.72

20 TH ST.

SAWCUT REQUIRED MATCH EXISTING

37.14 955.65
37.15 956.09
37.16 956.14
37.17 956.07
37.08 956.12
37.11 955.63
37.12 956.01
37.13 956.06
37.18 955.90
37.07 956.00
37.19 955.98
37.06 956.20
37.02 956.19
37.01 955.90
37.05 956.17
37.04 955.85
37.03 955.75

6.2% 0.3% 1.0% 1.5% 1.0% 1.2% 4.3% 1.7% 5.4% 1.0% 5.6% 3.9% 7.8% 6.7% 6.7% 8.7% 1.0% 1.7% 12.9% 1.5% 3.5%

LL

SLOPE INTERCEPT

SIGN TO REMAIN

20TH ST. SW
CURB RAMP 37-N
TYPE 4B1

CAUTION

3" CURB HEIGHT

SIGN TO BE REMOVED PRIOR TO CONSTRUCTION

20 TH ST. SW
CURB RAMP 37-E
TYPE 3

STH 80
(S PERCIVAL ST.)

20TH ST.

37

38

STH 80
(S PERCIVAL ST.)

35

36

E 20TH ST

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 20TH ST	SHEET 78	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021331-cr

PLOT DATE : 1/9/2025 2:40 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

WISDOT/CADDS SHEET 42

2

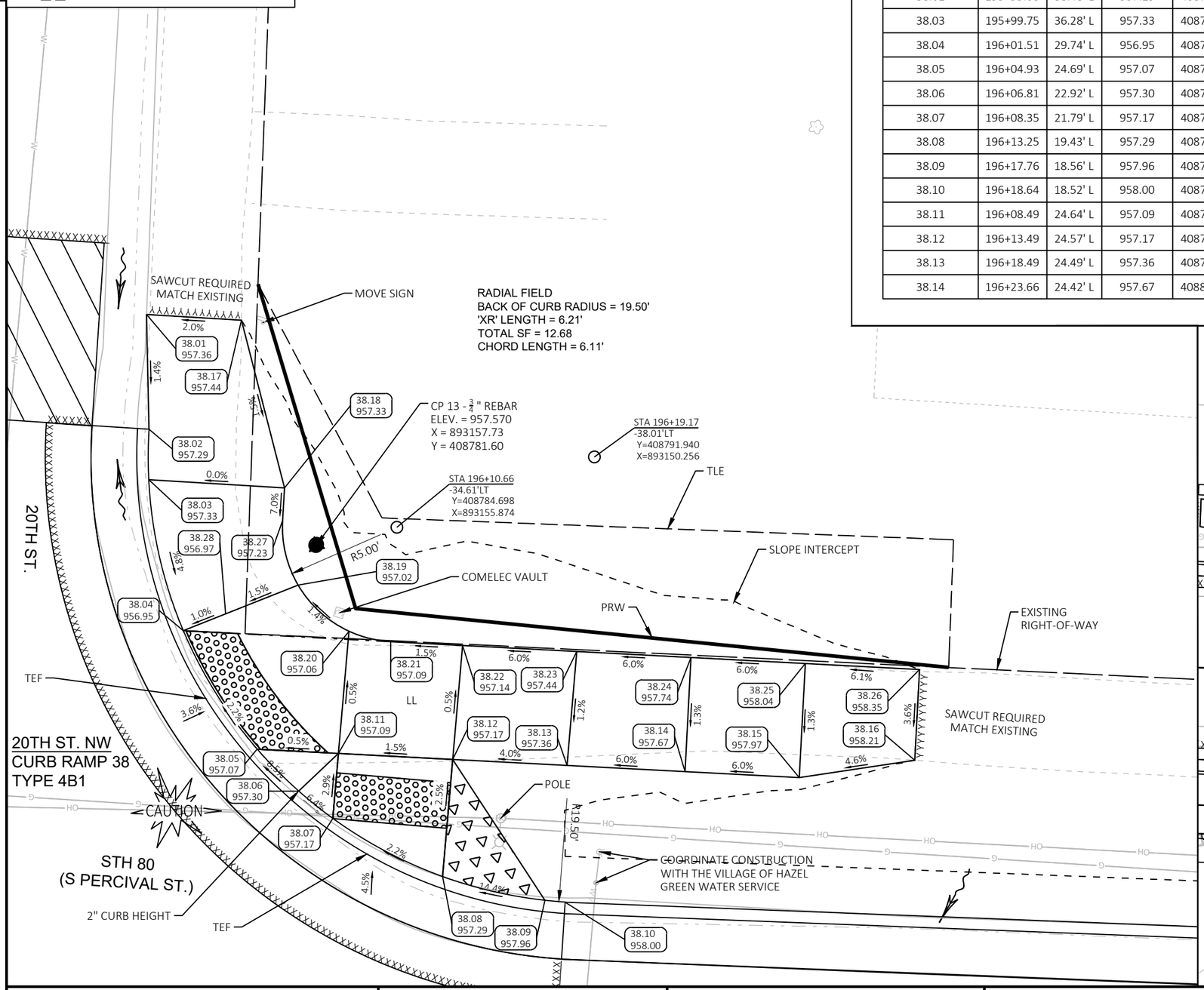
LEGEND:

GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

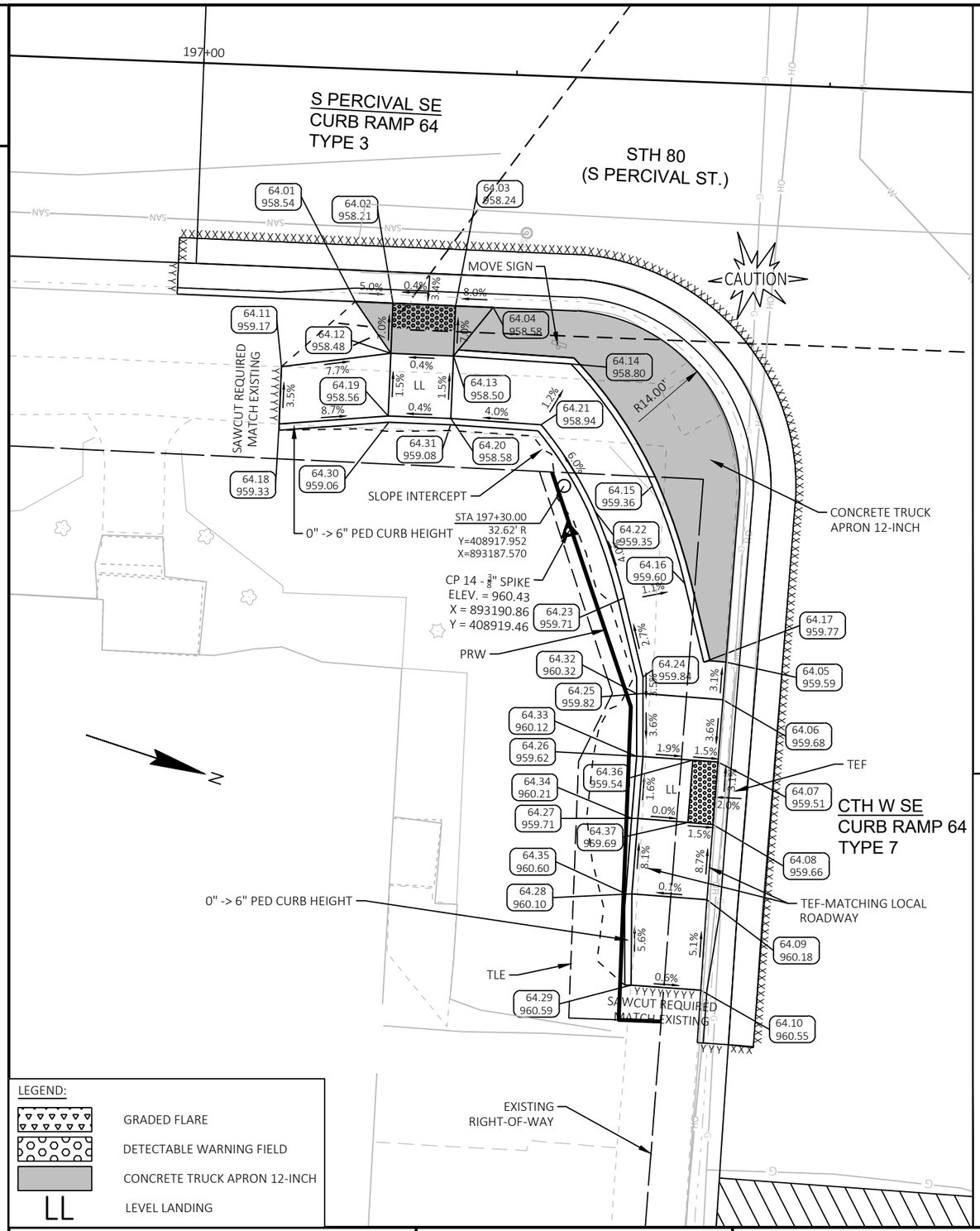


CR38					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
38.01	195+99.38	43.49' L	957.36	408771.40	893150.45
38.02	195+99.68	38.48' L	957.29	408773.07	893155.18
38.03	195+99.75	36.28' L	957.33	408773.75	893157.28
38.04	196+01.51	29.74' L	956.95	408777.25	893163.08
38.05	196+04.93	24.69' L	957.07	408781.93	893166.99
38.06	196+06.81	22.92' L	957.30	408784.22	893168.16
38.07	196+08.35	21.79' L	957.17	408786.02	893168.83
38.08	196+13.25	19.43' L	957.29	408791.37	893169.75
38.09	196+17.76	18.56' L	957.96	408795.94	893169.34
38.10	196+18.64	18.52' L	958.00	408796.81	893169.14
38.11	196+08.49	24.64' L	957.09	408785.36	893166.06
38.12	196+13.49	24.57' L	957.17	408790.19	893164.74
38.13	196+18.49	24.49' L	957.36	408795.02	893163.44
38.14	196+23.66	24.42' L	957.67	408800.00	893162.08

CR38					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
38.15	196+28.66	24.35' L	957.97	408804.83	893160.77
38.16	196+33.67	25.30' L	958.21	408809.38	893158.47
38.17	196+03.53	43.40' L	957.44	408775.42	893149.39
38.18	196+05.69	36.15' L	957.33	408779.50	893155.77
38.19	196+06.44	31.92' L	957.02	408781.38	893159.62
38.20	196+08.75	29.99' L	957.06	408784.13	893160.84
38.21	196+10.59	29.61' L	957.09	408786.01	893160.70
38.22	196+13.73	29.56' L	957.14	408789.04	893159.88
38.23	196+18.73	29.49' L	957.44	408793.86	893158.57
38.24	196+23.73	29.42' L	957.74	408798.69	893157.26
38.25	196+28.73	29.35' L	958.04	408803.52	893155.95
38.26	196+33.73	29.27' L	958.35	408808.34	893154.64
38.27	196+05.66	34.72' L	957.23	408779.86	893157.15
38.28	196+03.33	30.55' L	956.97	408778.77	893161.80

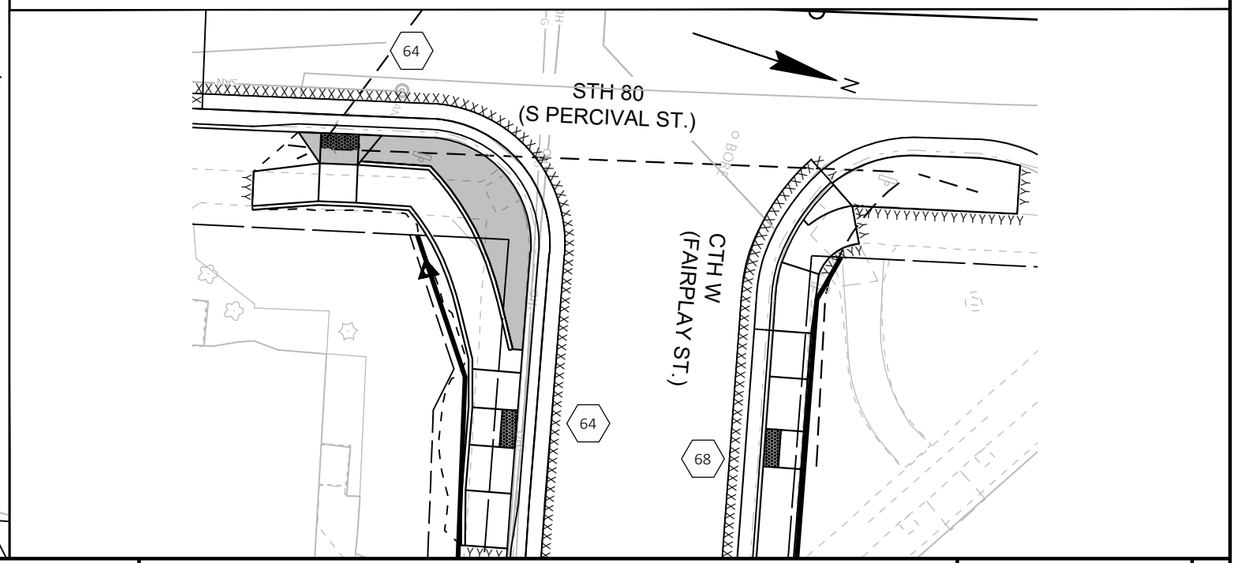
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PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 20TH ST	SHEET 79	E



CR64					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
64.01	197+12.81	18.55' R	958.54	408897.55	893178.79
64.02	197+15.81	18.57' R	958.21	408900.44	893177.98
64.03	197+20.81	18.59' R	958.24	408905.25	893176.62
64.04	197+23.81	18.60' R	958.58	408908.14	893175.80
64.05	197+43.45	46.15' R	959.59	408934.61	893196.87
64.06	197+43.32	49.17' R	959.68	408935.32	893199.80
64.07	197+43.12	54.14' R	959.51	408936.50	893204.64
64.08	197+42.91	59.14' R	959.66	408937.67	893209.50
64.09	197+42.66	65.16' R	960.18	408939.09	893215.35
64.10	197+42.44	72.39' R	960.55	408940.87	893222.36
64.11	197+07.12	23.96' R	959.17	408893.57	893185.56
64.12	197+15.80	22.56' R	958.48	408901.53	893181.82
64.13	197+20.80	22.59' R	958.50	408906.34	893180.47
64.14	197+30.18	22.87' R	958.80	408915.43	893178.15
64.15	197+37.05	32.36' R	959.36	408924.66	893185.37
64.16	197+39.93	40.00' R	959.60	408929.54	893191.93
64.17	197+41.69	46.23' R	959.77	408932.94	893197.43
64.18	197+07.10	28.54' R	959.33	408894.81	893189.97
64.19	197+15.78	27.56' R	958.56	408902.89	893186.64

CR64					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
64.20	197+20.78	27.59' R	958.58	408907.70	893185.28
64.21	197+27.99	27.80' R	958.94	408914.69	893183.50
64.22	197+32.56	34.54' R	959.35	408920.94	893188.71
64.23	197+35.12	41.36' R	959.71	408925.28	893194.56
64.24	197+36.88	47.59' R	959.84	408928.69	893200.06
64.25	197+36.93	48.90' R	959.82	408929.10	893201.31
64.26	197+37.12	53.93' R	959.62	408930.67	893206.10
64.27	197+36.91	58.89' R	959.71	408931.84	893210.92
64.28	197+36.66	64.91' R	960.10	408933.26	893216.77
64.29	197+36.87	72.19' R	960.59	408935.47	893223.71
64.30	197+15.80	28.11' R	959.06	408903.06	893187.16
64.31	197+20.77	28.14' R	959.08	408907.84	893185.81
64.32	197+36.38	48.92' R	960.32	408928.58	893201.48
64.33	197+36.57	53.93' R	960.12	408930.15	893206.25
64.34	197+36.36	58.87' R	960.21	408931.31	893211.05
64.35	197+36.11	64.90' R	960.60	408932.73	893216.92
64.36	197+41.12	54.07' R	959.54	408934.56	893205.13
64.37	197+40.91	59.06' R	959.69	408935.73	893209.97



LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - STH 11 & STH 80	SHEET 80	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021351-cr
PLOT DATE : 1/9/2025 2:42 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

LEGEND:

GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

N

STH 11 (FAIRPLAY ST.)

CAUTION

POLE

CONCRETE TRUCK APRON 12-INCH

2" PED CURB HEIGHT

R20.92'

ADJUST WV

67.04 958.74
67.03 958.40
67.02 958.40
67.01 958.73
67.08 958.76
67.07 958.78
67.06 958.77
67.05 959.25
67.16 958.96
67.15 958.85
67.14 958.85
67.13 959.37
67.17 958.96
67.18 958.96
67.09 958.14
67.19 958.32
67.11 957.92
67.10 957.97
67.20 957.62
67.12 957.53
67.22 959.39
67.21 959.46

8.7% 0.1% 2.5% 9.9% 16.2%
7.5% 7.5%
0.4% 0.4%
0.1% 6.0%
1.5% LL 1.5% 2.6%
0.8% 5.0% 0.1% 6.6%
0.8%
0.0%
1.4% 1.6% 0.5% 4.8%
0.2% 6.0%
2.8%
1.3%
3.3%
1.9%
1.0% 2.6%
5.5% 6.2%
2.0%

SAWCUT REQUIRED MATCH EXISTING

GRUBBING 36-INCH DIAMETER

SLOPE INTERCEPT

TLE

EXISTING EASEMENT

STA 197+46.53
-39.63' L
Y=408913.905
X=893113.565

BORE

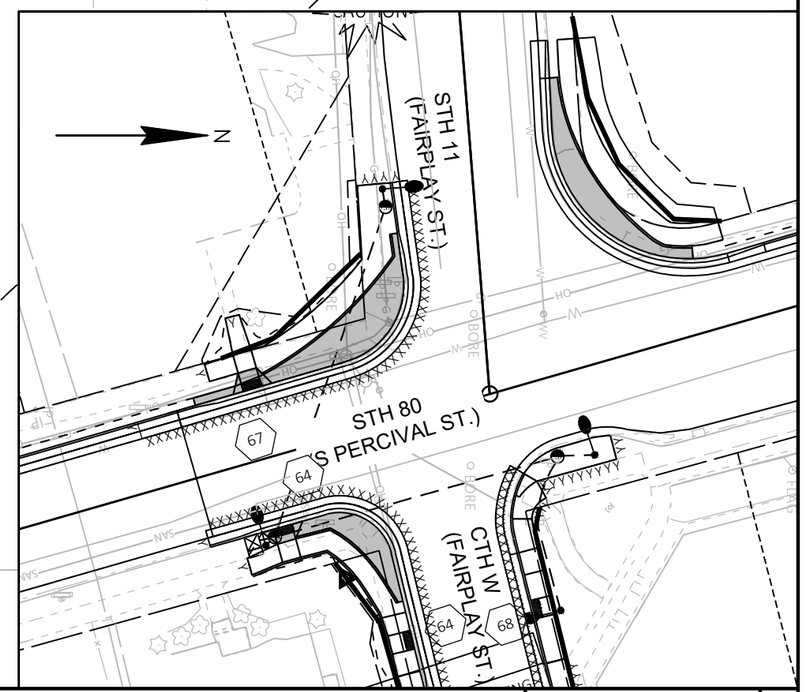
PRW

TLE

SAWCUT REQUIRED MATCH EXISTING

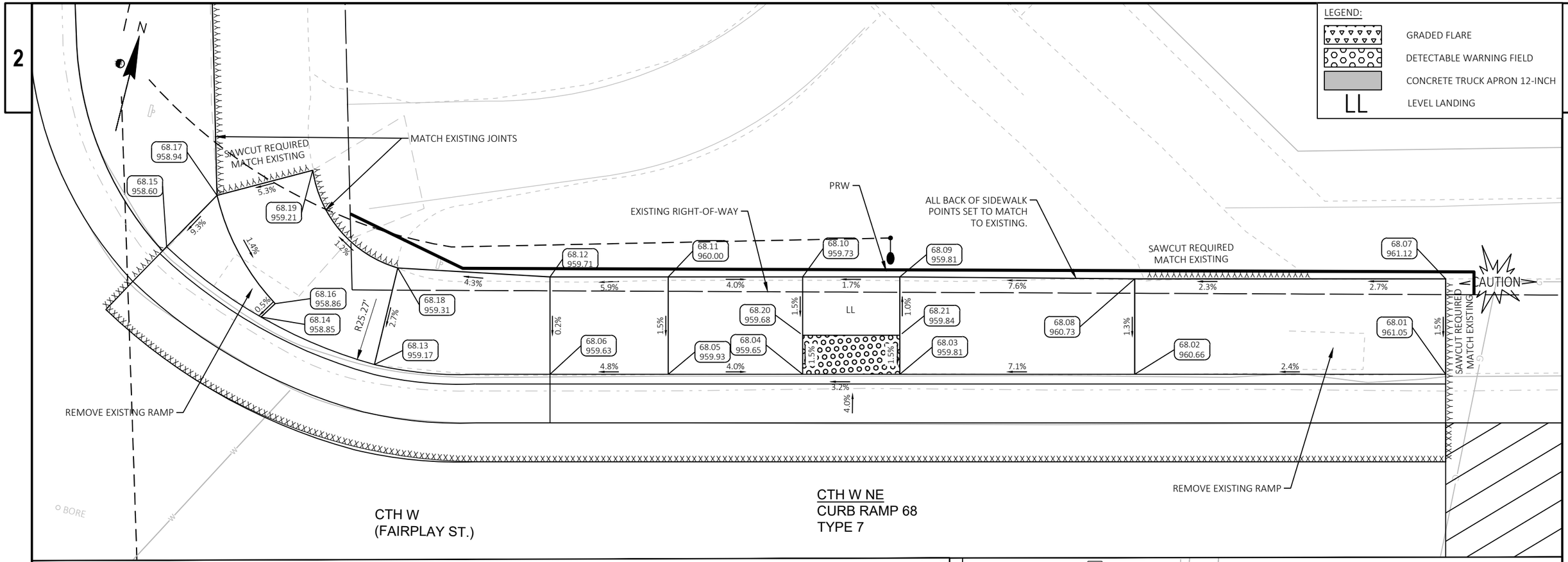
CR67

POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
67.01	197+15.51	18.61' L	958.73	408889.90	893142.32
67.02	197+18.26	18.62' L	958.40	408892.53	893141.56
67.03	197+23.26	18.64' L	958.40	408897.33	893140.16
67.04	197+26.12	18.65' L	958.74	408900.08	893139.36
67.05	197+10.41	23.60' L	959.25	408883.61	893138.94
67.06	197+18.24	23.62' L	958.77	408891.14	893136.75
67.07	197+23.24	23.64' L	958.78	408895.94	893135.36
67.08	197+24.27	21.86' L	958.76	408897.42	893136.79
67.09	197+65.97	42.07' L	958.14	408931.92	893105.85
67.10	197+66.79	47.82' L	957.97	408931.13	893100.10
67.11	197+68.77	47.54' L	957.92	408933.11	893099.83
67.12	197+70.67	60.84' L	957.53	408931.27	893086.52
67.13	197+10.39	28.27' L	959.37	408882.31	893134.46
67.14	197+18.22	28.62' L	958.85	408889.74	893131.95
67.15	197+23.23	28.64' L	958.85	408894.54	893130.56
67.16	197+26.77	28.65' L	958.96	408897.94	893129.57
67.17	197+39.37	33.00' L	958.96	408908.86	893121.91
67.18	197+47.80	37.08' L	958.96	408915.83	893115.67
67.19	197+57.91	43.46' L	958.32	408923.79	893106.75
67.20	197+62.13	62.53' L	957.62	408922.59	893087.25
67.21	197+18.96	38.52' L	959.46	408887.72	893122.24
67.22	197+22.75	38.40' L	959.39	408891.40	893121.31



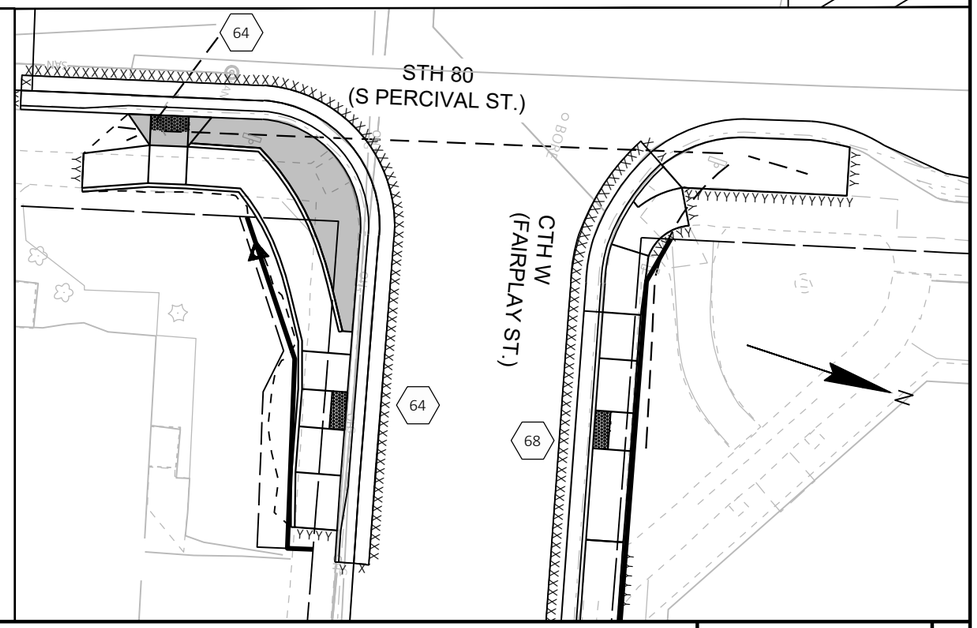
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - STH 11 & STH 80	SHEET 81	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021352-cr
PLOT DATE : 1/9/2025 2:42 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



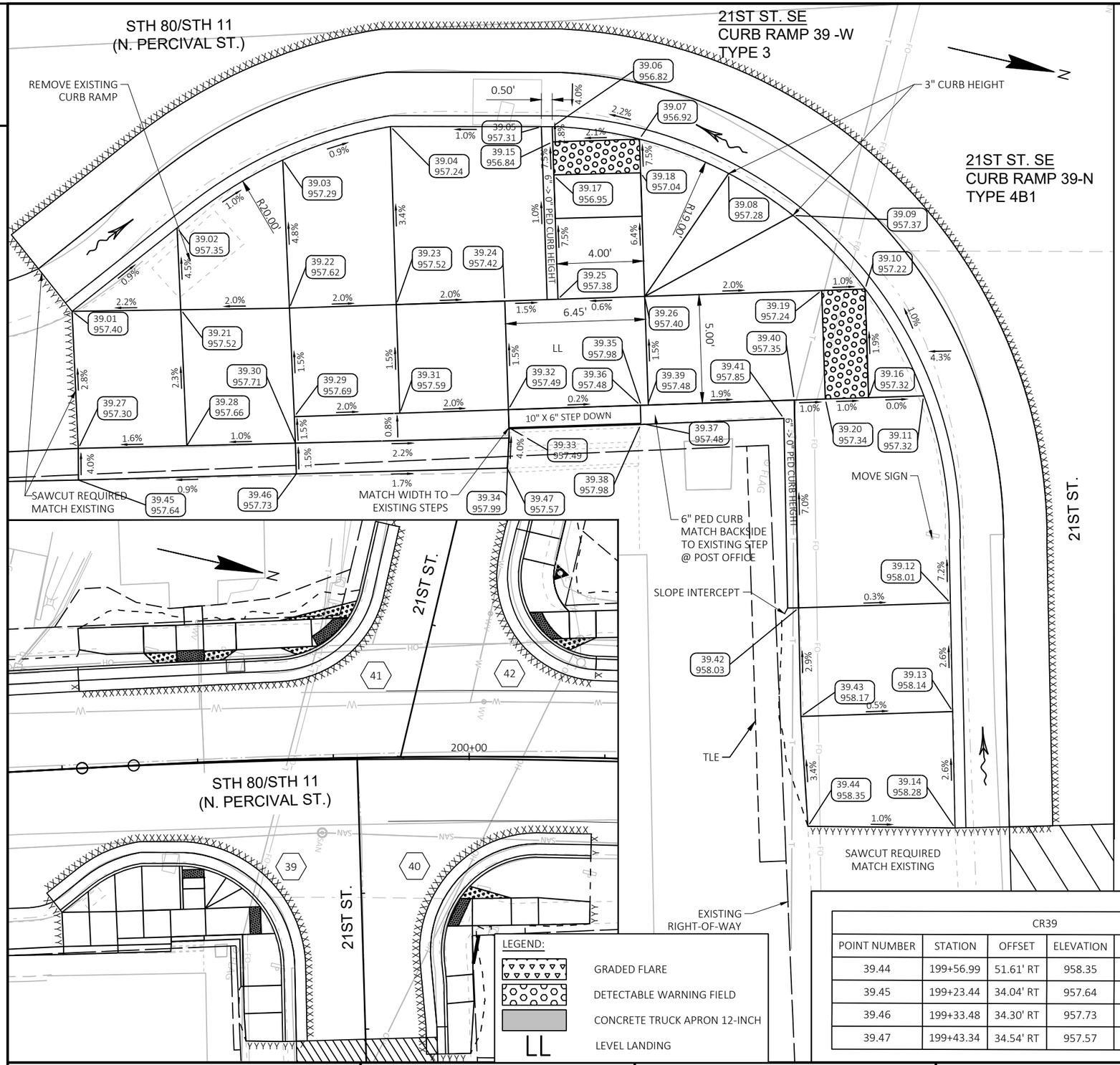
CR68					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
68.01	197+74.79	88.36' R	961.05	408976.38	893228.79
68.02	197+75.35	72.37' R	960.66	408972.51	893213.27
68.03	197+75.77	60.29' R	959.81	408969.58	893201.54
68.04	197+75.95	55.29' R	959.65	408968.37	893196.69
68.05	197+76.19	48.38' R	959.93	408966.70	893189.98
68.06	197+76.41	42.30' R	959.63	408965.23	893184.08
68.07	197+79.69	88.53' R	961.12	408981.14	893227.60
68.08	197+80.25	72.54' R	960.73	408977.27	893212.08
68.09	197+80.77	60.47' R	959.81	408974.44	893200.33
68.10	197+80.95	55.47' R	959.73	408973.23	893195.48
68.11	197+81.19	48.56' R	960.00	408971.55	893188.77

CR68					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
68.12	197+81.40	42.48' R	959.71	408970.08	893182.87
68.13	197+77.22	33.29' R	959.17	408963.52	893175.19
68.14	197+79.86	27.54' R	958.85	408964.48	893168.94
68.15	197+83.65	22.82' R	958.60	408966.82	893163.35
68.16	197+80.53	28.29' R	958.86	408965.33	893169.47
68.17	197+86.19	25.50' R	958.94	408970.00	893165.23
68.18	197+82.14	34.66' R	959.31	408968.63	893175.15
68.19	197+87.31	30.47' R	959.21	408972.44	893169.70
68.20	197+77.95	55.36' R	959.68	408970.31	893196.21
68.21	197+77.77	60.36' R	959.84	408971.52	893201.06



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - STH 11 & STH 80	SHEET 82	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - 021353-cr
PLOT DATE : 1/9/2025 2:42 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

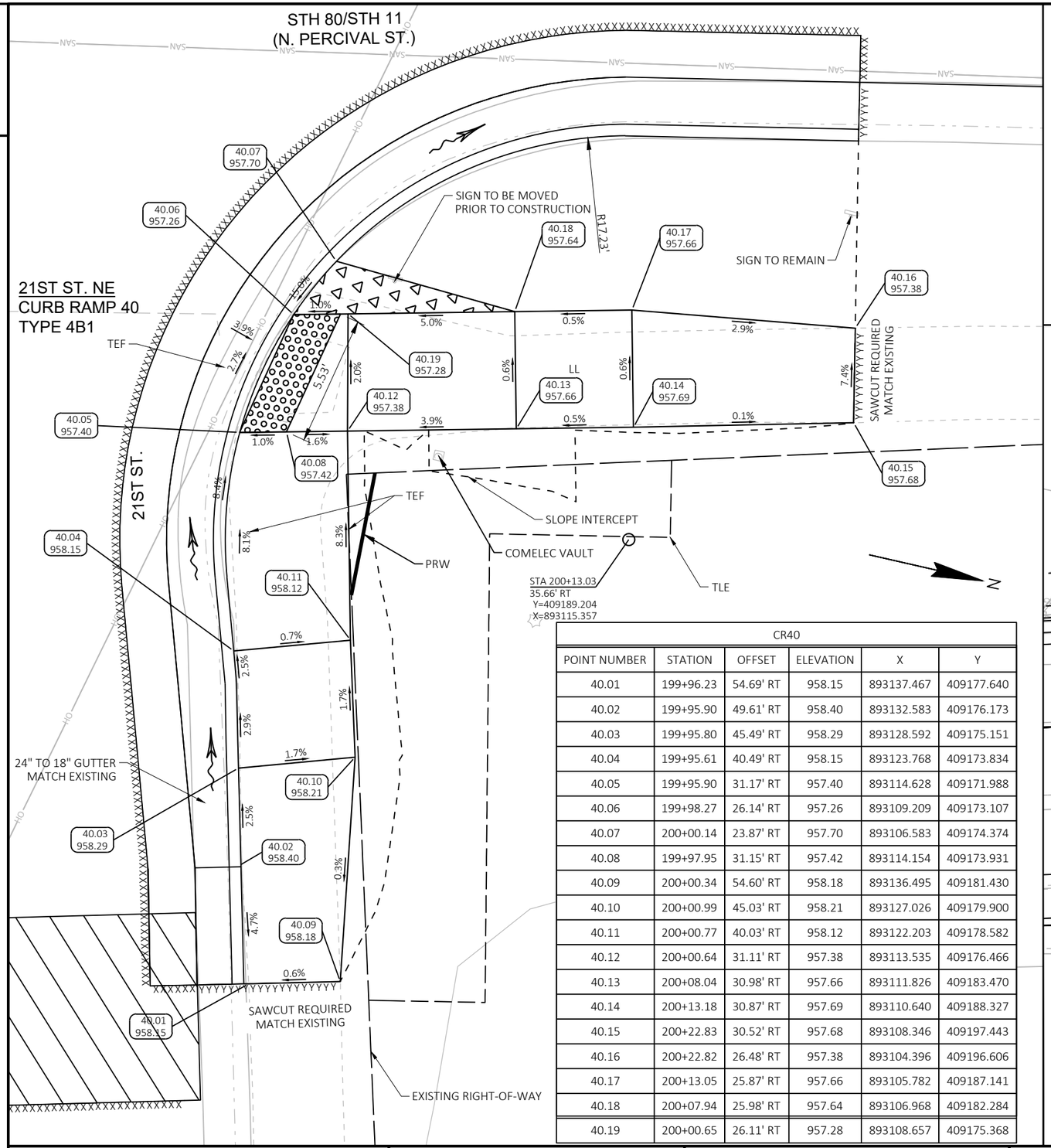


CR39					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
39.01	199+23.57	26.27' RT	957.40	893128.071	409102.259
39.02	199+28.60	22.70' RT	957.35	893123.248	409106.109
39.03	199+33.62	19.83' RT	957.29	893119.109	409110.148
39.04	199+38.66	18.56' RT	957.24	893116.500	409114.633
39.05	199+45.72	18.92' RT	957.31	893114.949	409121.411
39.06	199+46.23	18.94' RT	956.82	893114.838	409121.899
39.07	199+50.29	19.68' RT	956.92	893114.482	409125.941
39.08	199+54.40	21.44' RT	957.28	893115.118	409130.302
39.09	199+57.34	23.48' RT	957.37	893116.333	409133.617
39.10	199+60.61	26.99' RT	957.22	893118.892	409137.612
39.11	199+63.22	31.98' RT	957.32	893123.075	409141.342
39.12	199+64.19	41.55' RT	958.01	893132.089	409144.685
39.13	199+64.13	46.55' RT	958.14	893136.937	409145.906
39.14	199+64.08	51.91' RT	958.28	893142.135	409147.214
39.15	199+46.22	19.64' RT	956.84	893115.512	409122.077
39.16	199+60.61	31.98' RT	957.32	893123.724	409138.894
39.17	199+46.20	21.19' RT	956.95	893117.017	409122.477
39.18	199+50.28	21.24' RT	957.04	893115.991	409126.343
39.19	199+58.57	26.98' RT	957.24	893119.404	409135.679
39.20	199+58.55	31.98' RT	957.34	893124.237	409136.960
39.21	199+28.57	26.47' RT	957.52	893126.882	409107.118
39.22	199+33.57	26.66' RT	957.62	893125.689	409111.976
39.23	199+38.50	26.76' RT	957.52	893124.427	409116.735
39.24	199+43.62	26.85' RT	957.42	893123.145	409121.568
39.25	199+46.12	26.89' RT	957.38	893122.518	409123.935
39.26	199+50.22	26.93' RT	957.40	893121.492	409127.804
39.27	199+23.52	32.59' RT	957.30	893134.159	409103.950
39.28	199+28.51	32.73' RT	957.66	893132.920	409108.795
39.29	199+33.52	31.66' RT	957.69	893130.507	409113.314
39.30	199+33.51	32.88' RT	957.71	893131.680	409113.640
39.31	199+38.39	31.76' RT	957.59	893129.260	409118.017
39.32	199+43.54	31.85' RT	957.49	893127.978	409122.850
39.33	199+43.52	32.68' RT	957.49	893128.784	409123.063
39.34	199+43.52	32.73' RT	957.99	893128.832	409123.076
39.35	199+49.84	31.98' RT	957.98	893126.456	409128.787
39.36	199+49.79	31.93' RT	957.48	893126.420	409128.726
39.37	199+49.78	32.76' RT	957.48	893127.226	409128.939
39.38	199+49.78	32.81' RT	957.98	893127.274	409128.952
39.39	199+50.13	31.93' RT	957.48	893126.337	409129.051
39.40	199+57.09	31.96' RT	957.35	893124.585	409135.578
39.41	199+56.56	32.80' RT	957.85	893125.533	409135.301
39.42	199+56.92	41.54' RT	958.03	893133.878	409137.917
39.43	199+56.84	46.54' RT	958.17	893138.722	409139.137

CR39					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
39.44	199+56.99	51.61' RT	958.35	893143.583	409140.593
39.45	199+23.44	34.04' RT	957.64	893135.574	409104.281
39.46	199+33.48	34.30' RT	957.73	893133.055	409113.997
39.47	199+43.34	34.54' RT	957.57	893130.617	409123.398

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 21ST ST	SHEET 83	E

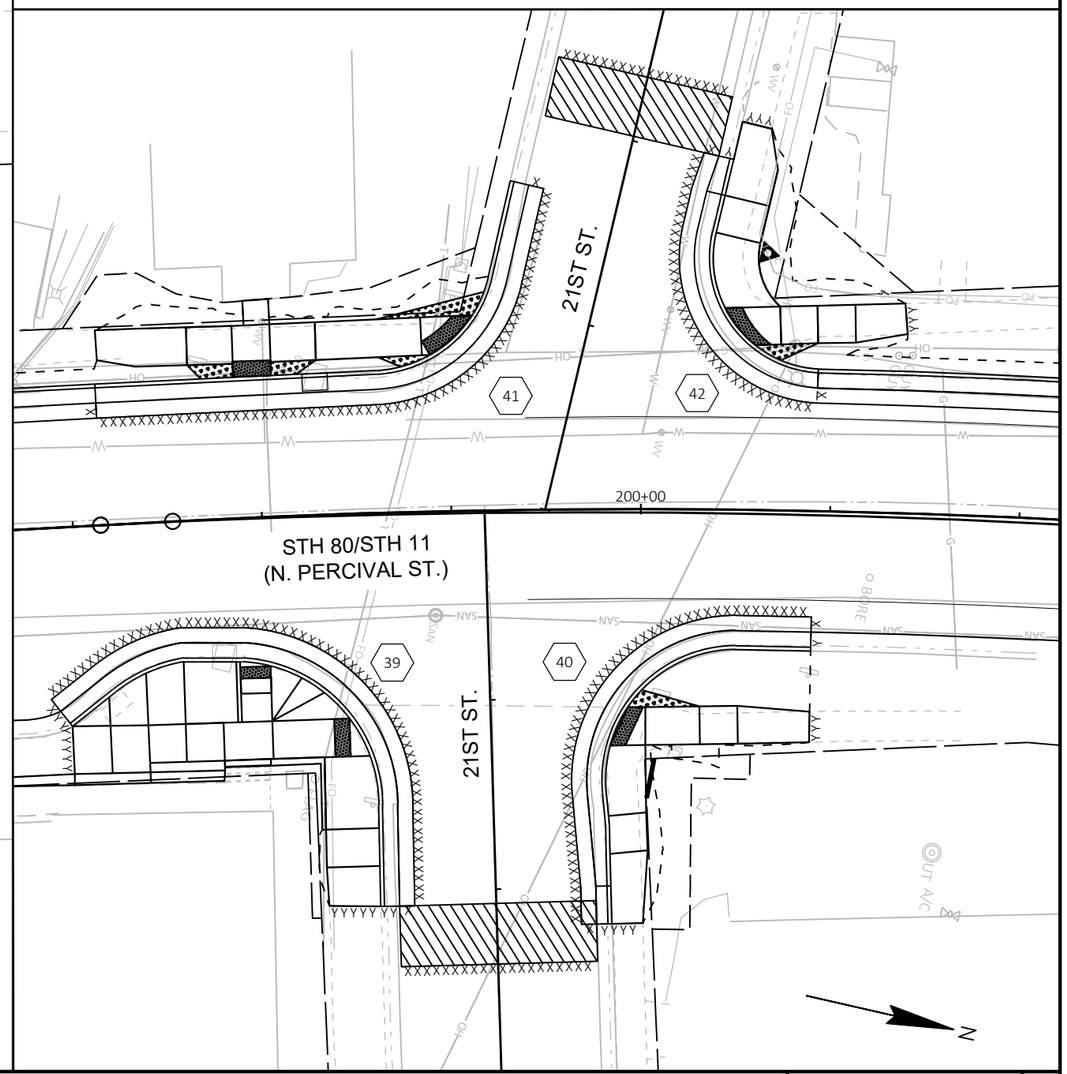
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LAYOUT NAME - 021333-cr
PLOT DATE : 1/9/2025 2:43 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



CR40					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
40.01	199+96.23	54.69' RT	958.15	893137.467	409177.640
40.02	199+95.90	49.61' RT	958.40	893132.583	409176.173
40.03	199+95.80	45.49' RT	958.29	893128.592	409175.151
40.04	199+95.61	40.49' RT	958.15	893123.768	409173.834
40.05	199+95.90	31.17' RT	957.40	893114.628	409171.988
40.06	199+98.27	26.14' RT	957.26	893109.209	409173.107
40.07	200+00.14	23.87' RT	957.70	893106.583	409174.374
40.08	199+97.95	31.15' RT	957.42	893114.154	409173.931
40.09	200+00.34	54.60' RT	958.18	893136.495	409181.430
40.10	200+00.99	45.03' RT	958.21	893127.026	409179.900
40.11	200+00.77	40.03' RT	958.12	893122.203	409178.582
40.12	200+00.64	31.11' RT	957.38	893113.535	409176.466
40.13	200+08.04	30.98' RT	957.66	893111.826	409183.470
40.14	200+13.18	30.87' RT	957.69	893110.640	409188.327
40.15	200+22.83	30.52' RT	957.68	893108.346	409197.443
40.16	200+22.82	26.48' RT	957.38	893104.396	409196.606
40.17	200+13.05	25.87' RT	957.66	893105.782	409187.141
40.18	200+07.94	25.98' RT	957.64	893106.968	409182.284
40.19	200+00.65	26.11' RT	957.28	893108.657	409175.368

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 21ST ST	SHEET 84	E

2

LEGEND:

GRADED FLARE

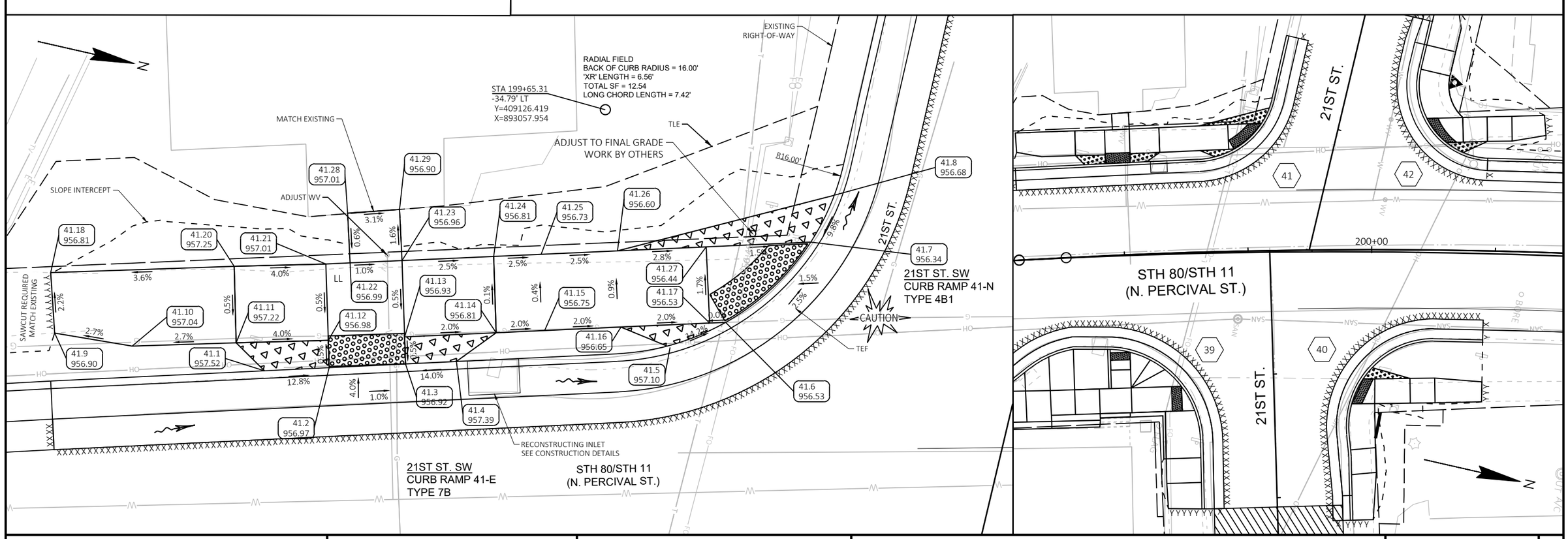
DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

CR41					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
41.1	199+42.86	18.59' LT	957.52	893079.615	409108.498
41.2	199+47.03	18.60' LT	956.97	893078.466	409112.583
41.3	199+51.95	18.62' LT	956.92	893077.112	409117.397
41.4	199+55.24	18.65' LT	957.39	893076.209	409120.609
41.5	199+69.02	19.12' LT	957.10	893072.172	409134.037
41.6	199+72.64	20.66' LT	956.53	893069.760	409137.218
41.7	199+78.21	25.80' LT	956.34	893063.387	409141.468
41.8	199+79.78	28.84' LT	956.68	893060.046	409142.300
41.9	199+29.35	21.78' LT	956.90	893080.288	409094.556
41.10	199+34.36	20.65' LT	957.04	893079.989	409099.690
41.11	199+41.13	20.52' LT	957.22	893078.243	409106.278
41.12	199+47.05	20.38' LT	956.98	893076.739	409112.125
41.13	199+51.97	20.39' LT	956.93	893075.399	409116.943
41.14	199+57.86	20.43' LT	956.81	893073.791	409122.724
41.15	199+60.99	20.46' LT	956.75	893072.939	409125.787

CR41					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
41.16	199+65.90	20.53' LT	956.65	893071.600	409130.604
41.17	199+71.61	20.64' LT	956.53	893070.041	409136.206
41.18	199+29.29	25.75' LT	956.81	893076.489	409093.412
41.20	199+41.25	25.52' LT	957.25	893073.400	409105.033
41.21	199+47.12	25.38' LT	957.01	893071.906	409110.844
41.22	199+48.68	25.38' LT	956.99	893071.479	409112.380
41.23	199+52.01	25.39' LT	956.96	893070.566	409115.661
41.24	199+57.88	25.43' LT	956.81	893068.958	409121.442
41.25	199+60.93	25.46' LT	956.73	893068.122	409124.447
41.26	199+65.82	25.53' LT	956.60	893066.782	409129.264
41.27	199+71.51	25.64' LT	956.44	893065.223	409134.866
41.28	199+48.66	28.65' LT	957.01	893068.334	409111.490
41.29	199+51.98	28.74' LT	956.90	893067.339	409114.751



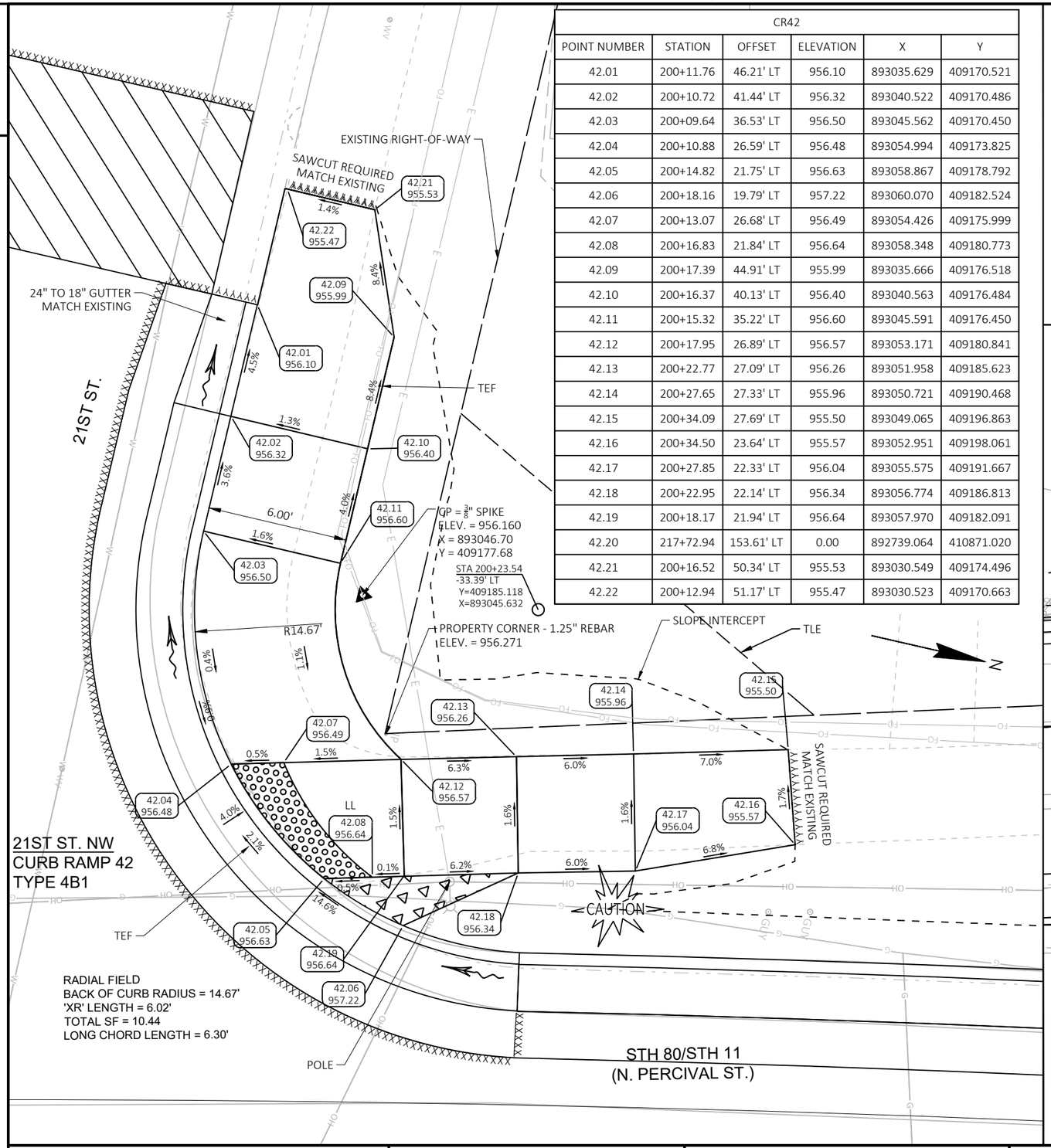
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 21ST ST	SHEET 85	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021335-cr

PLOT DATE : 1/9/2025 2:43 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : Custom

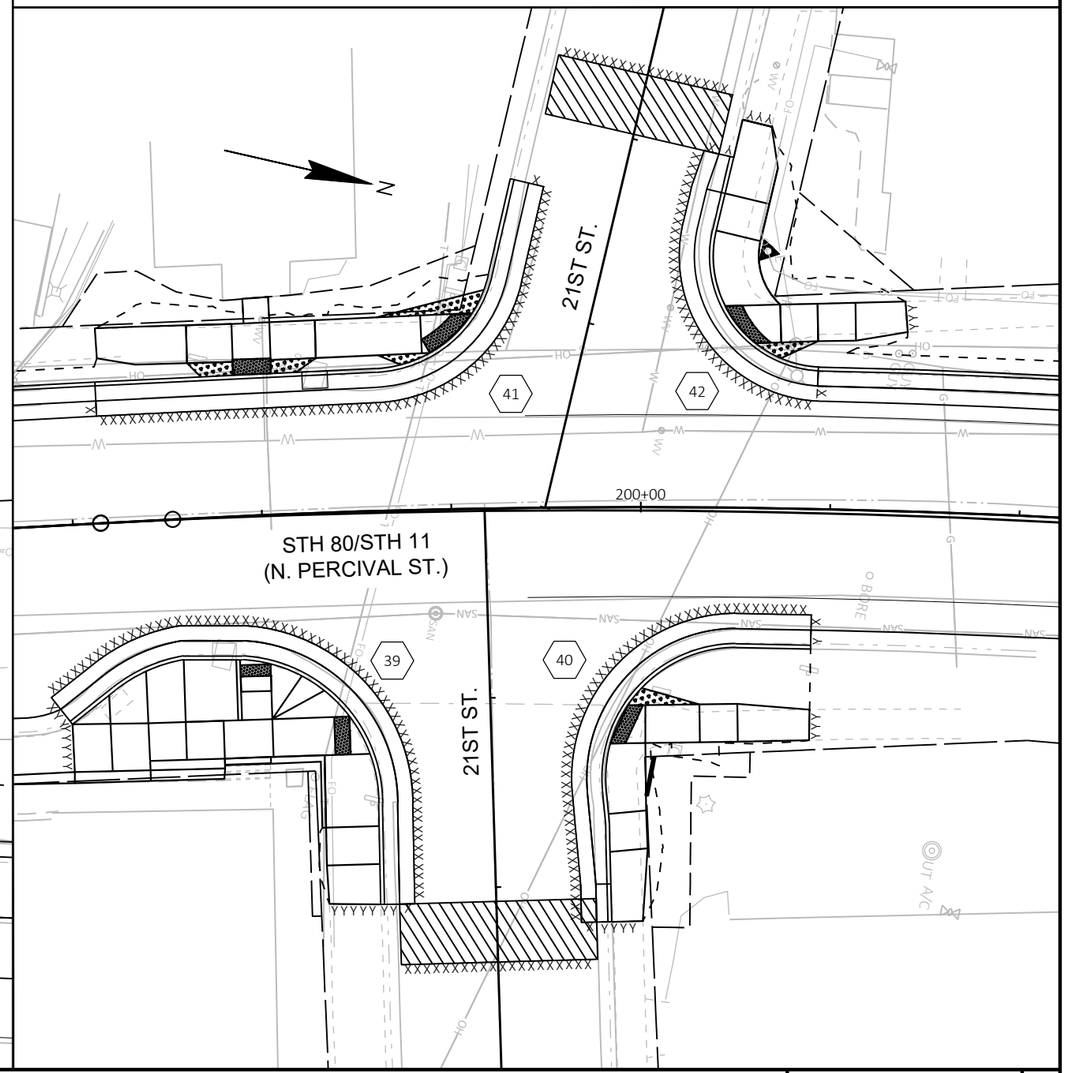
WISDOT/CADDS SHEET 42

CR42					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
42.01	200+11.76	46.21' LT	956.10	893035.629	409170.521
42.02	200+10.72	41.44' LT	956.32	893040.522	409170.486
42.03	200+09.64	36.53' LT	956.50	893045.562	409170.450
42.04	200+10.88	26.59' LT	956.48	893054.994	409173.825
42.05	200+14.82	21.75' LT	956.63	893058.867	409178.792
42.06	200+18.16	19.79' LT	957.22	893060.070	409182.524
42.07	200+13.07	26.68' LT	956.49	893054.426	409175.999
42.08	200+16.83	21.84' LT	956.64	893058.348	409180.773
42.09	200+17.39	44.91' LT	955.99	893035.666	409176.518
42.10	200+16.37	40.13' LT	956.40	893040.563	409176.484
42.11	200+15.32	35.22' LT	956.60	893045.591	409176.450
42.12	200+17.95	26.89' LT	956.57	893053.171	409180.841
42.13	200+22.77	27.09' LT	956.26	893051.958	409185.623
42.14	200+27.65	27.33' LT	955.96	893050.721	409190.468
42.15	200+34.09	27.69' LT	955.50	893049.065	409196.863
42.16	200+34.50	23.64' LT	955.57	893052.951	409198.061
42.17	200+27.85	22.33' LT	956.04	893055.575	409191.667
42.18	200+22.95	22.14' LT	956.34	893056.774	409186.813
42.19	200+18.17	21.94' LT	956.64	893057.970	409182.091
42.20	217+72.94	153.61' LT	0.00	892739.064	410871.020
42.21	200+16.52	50.34' LT	955.53	893030.549	409174.496
42.22	200+12.94	51.17' LT	955.47	893030.523	409170.663



LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

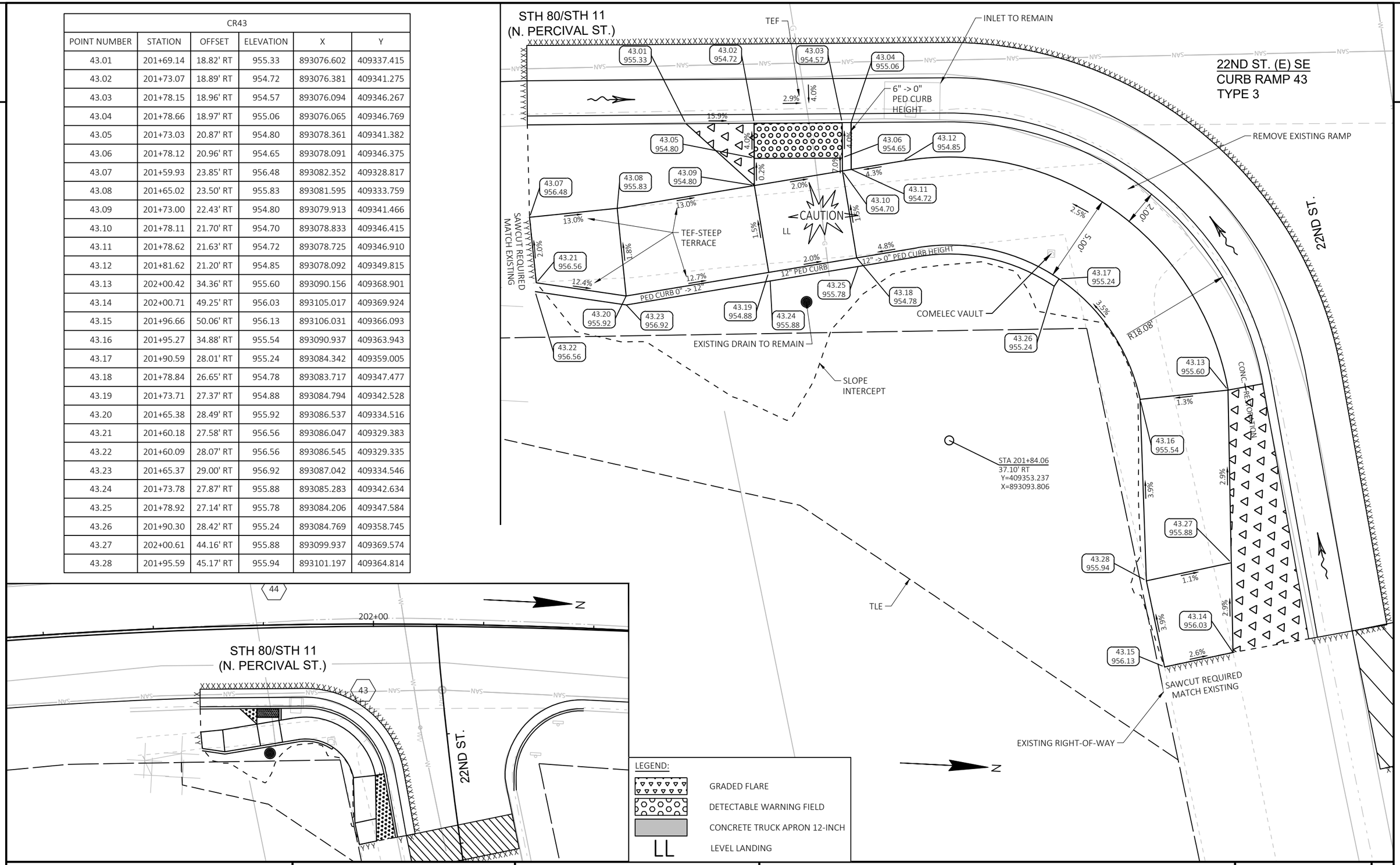


2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 21ST ST	SHEET 86	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021336-cr
PLOT DATE : 1/9/2025 2:44 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

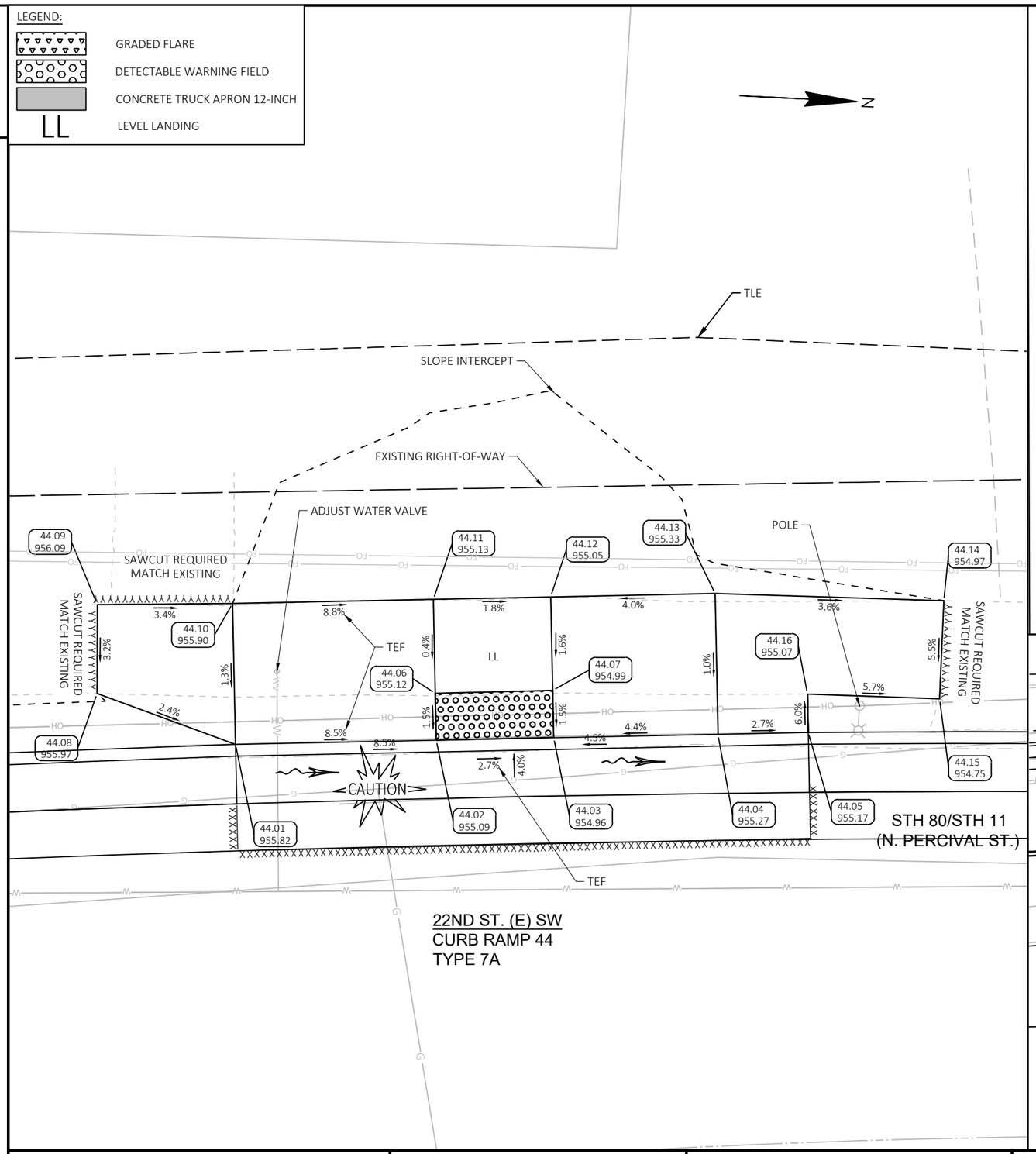
CR43					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
43.01	201+69.14	18.82' RT	955.33	893076.602	409337.415
43.02	201+73.07	18.89' RT	954.72	893076.381	409341.275
43.03	201+78.15	18.96' RT	954.57	893076.094	409346.267
43.04	201+78.66	18.97' RT	955.06	893076.065	409346.769
43.05	201+73.03	20.87' RT	954.80	893078.361	409341.382
43.06	201+78.12	20.96' RT	954.65	893078.091	409346.375
43.07	201+59.93	23.85' RT	956.48	893082.352	409328.817
43.08	201+65.02	23.50' RT	955.83	893081.595	409333.759
43.09	201+73.00	22.43' RT	954.80	893079.913	409341.466
43.10	201+78.11	21.70' RT	954.70	893078.833	409346.415
43.11	201+78.62	21.63' RT	954.72	893078.725	409346.910
43.12	201+81.62	21.20' RT	954.85	893078.092	409349.815
43.13	202+00.42	34.36' RT	955.60	893090.156	409368.901
43.14	202+00.71	49.25' RT	956.03	893105.017	409369.924
43.15	201+96.66	50.06' RT	956.13	893106.031	409366.093
43.16	201+95.27	34.88' RT	955.54	893090.937	409363.943
43.17	201+90.59	28.01' RT	955.24	893084.342	409359.005
43.18	201+78.84	26.65' RT	954.78	893083.717	409347.477
43.19	201+73.71	27.37' RT	954.88	893084.794	409342.528
43.20	201+65.38	28.49' RT	955.92	893086.537	409334.516
43.21	201+60.18	27.58' RT	956.56	893086.047	409329.383
43.22	201+60.09	28.07' RT	956.56	893086.545	409329.335
43.23	201+65.37	29.00' RT	956.92	893087.042	409334.546
43.24	201+73.78	27.87' RT	955.88	893085.283	409342.634
43.25	201+78.92	27.14' RT	955.78	893084.206	409347.584
43.26	201+90.30	28.42' RT	955.24	893084.769	409358.745
43.27	202+00.61	44.16' RT	955.88	893099.937	409369.574
43.28	201+95.59	45.17' RT	955.94	893101.197	409364.814



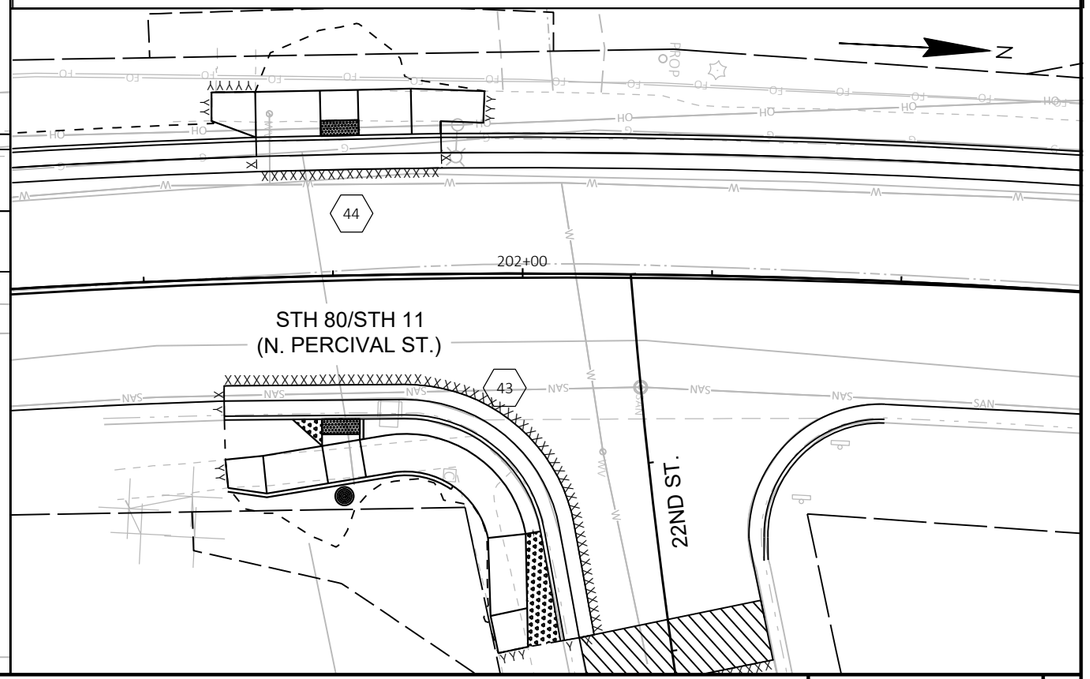
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 22ND ST	SHEET 87	E

LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

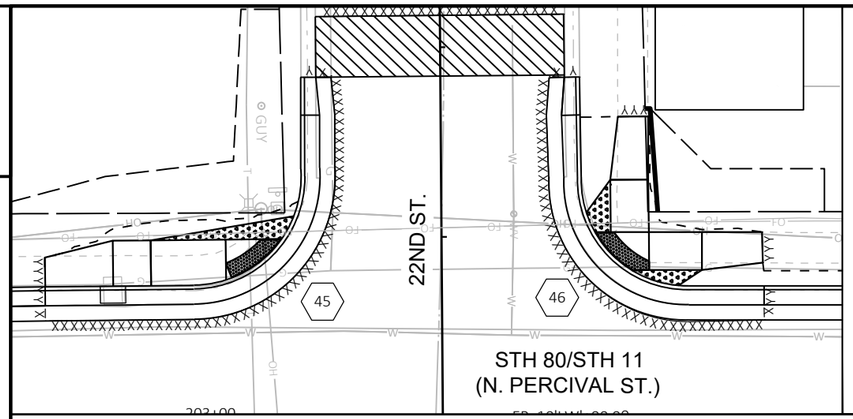


CR44					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
44.01	201+65.40	18.52' LT	955.82	893039.680	409330.735
44.02	201+73.81	18.47' LT	955.09	893039.074	409339.261
44.03	201+78.73	18.46' LT	954.96	893038.719	409344.247
44.04	201+85.62	18.50' LT	955.27	893038.222	409351.231
44.05	201+89.40	18.53' LT	955.17	893037.949	409355.065
44.06	201+73.82	20.46' LT	955.12	893037.081	409339.119
44.07	201+78.73	20.48' LT	954.99	893036.705	409344.104
44.08	201+59.68	20.88' LT	955.97	893037.809	409324.739
44.09	201+59.82	24.66' LT	956.09	893034.033	409324.556
44.10	201+65.46	24.52' LT	955.90	893033.695	409330.309
44.11	201+73.83	24.47' LT	955.13	893033.089	409338.835
44.12	201+78.72	24.46' LT	955.05	893032.734	409343.821
44.13	201+85.58	24.50' LT	955.33	893032.237	409350.805
44.14	201+95.11	24.10' LT	954.97	893032.058	409360.552
44.15	201+94.91	19.92' LT	954.75	893036.239	409360.578
44.16	201+89.39	20.17' LT	955.07	893036.314	409354.948



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 22ND ST	SHEET 88	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021338-cr
PLOT DATE : 1/9/2025 2:44 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT



LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

N

CR45					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
45.01	203+10.96	27.73' LT	951.48	893027.527	409475.093
45.02	203+09.35	24.72' LT	951.15	893030.505	409473.419
45.03	203+02.04	19.29' LT	951.49	893035.753	409465.982
45.04	202+88.91	18.54' LT	952.28	893036.275	409456.071
45.05	202+83.92	18.49' LT	952.39	893036.209	409451.071
45.06	202+75.08	18.44' LT	952.59	893036.090	409442.091
45.07	202+75.06	22.31' LT	952.48	893032.216	409442.119
45.08	202+83.87	24.49' LT	952.31	893030.209	409451.151
45.09	202+88.85	24.54' LT	952.23	893030.276	409456.151
45.10	203+01.99	24.64' LT	951.44	893030.407	409466.053
45.11	203+06.56	24.69' LT	951.25	893030.468	409470.622

24" TO 18" GUTTER MATCH EXISTING

EXISTING RIGHT-OF-WAY

TLE

SIGN TO REMAIN

COMELEC VAULT

POLE AND PEDESTAL

SLOPE INTERCEPT

STA 202+97.63
-32.88' LT
Y=409461.892
X=893022.065

45.08 952.31 — 1.5% — 45.09 952.23 — 8.0% — 45.10 951.44 — 4.2% — 45.02 951.15 — 3.7% — 45.01 951.48

45.07 952.48 — 1.8% — 45.06 952.59 — 2.9% — 45.05 952.39 — 2.2% — 1.4% — 2.2% — 0.8% — 45.04 952.28 — 7.9% — 7.3% — 45.03 951.49

R14.29' — 1.0% — 3.7% — 3.5% — 0.3% — 45.11 951.25

SAWCUT REQUIRED MATCH EXISTING

RECONSTRUCTING INLET
SEE CONSTRUCTION DETAILS

CAUTION

TEF

22ND ST. SW
CURB RAMP 45
TYPE 4B1

RADIAL FIELD
BACK OF CURB RADIUS = 14.30'
'XR' LENGTH = 7.14'
TOTAL SF = 13.79
LONG CHORD LENGTH = 8.12'

STH 80/STH 11
(N. PERCIVAL ST.)

24" TO 18" GUTTER MATCH EXISTING

EXISTING RIGHT-OF-WAY

SAWCUT REQUIRED MATCH EXISTING

46.05 950.49 — 1.8% — 46.11 950.41

0.6% — 2.0% — PRW

46.06 950.54 — 0.8% — 46.12 950.58

R14.0'

STA 203+62.86
-32.50' LT
Y=409527.091
X=893023.971

TLE

46.01 950.68 — 3.4% — 2.9% — SLOPE INTERCEPT

46.07 950.30 — 1.5% — 46.13 950.38 — 4.9% — 46.14 950.72 — 0.0% — 46.15 950.73

1.5% — LL — 1.5% — 0.4% — SAWCUT REQUIRED MATCH EXISTING

46.02 950.27 — 3.7% — 3.1% — 46.08 950.49 — 0.6% — 1.5% — 4.0% — 0.3%

CAUTION

TEF

46.09 950.77 — 2.0% — 46.10 950.74

22ND ST. NW
CURB RAMP 46
TYPE 4B1

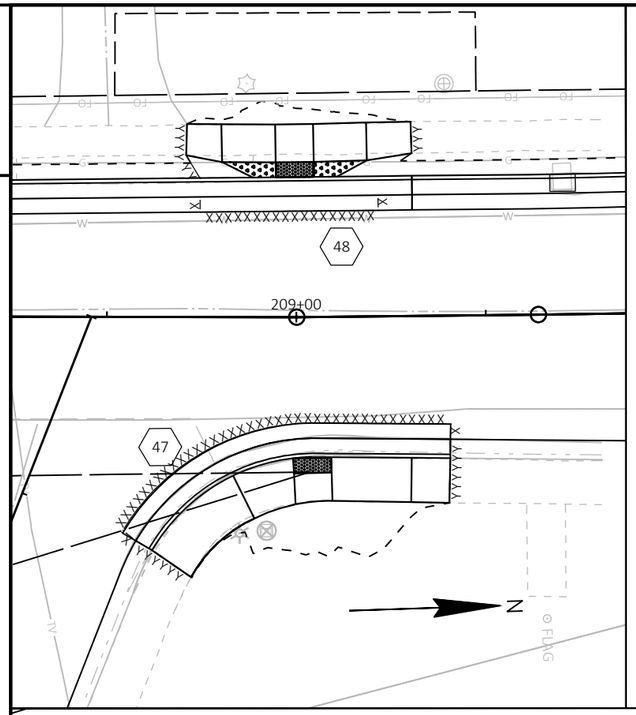
46.03 950.48 — 46.04 950.99

STH 80/STH 11
(N. PERCIVAL ST.)

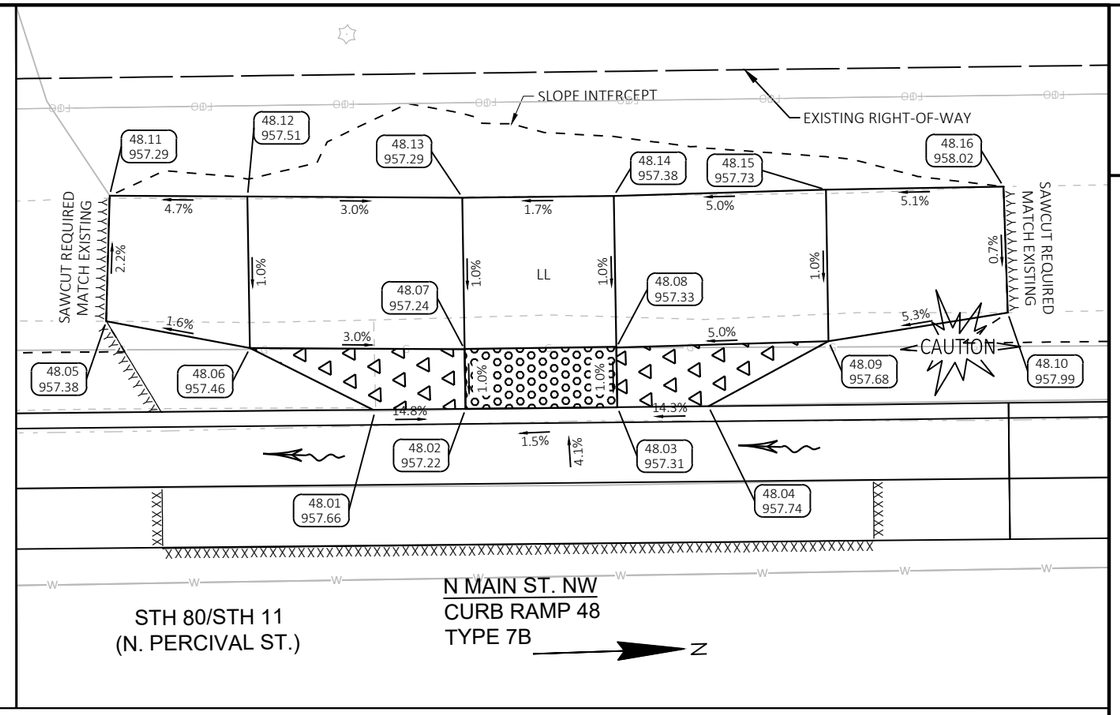
CR46					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
46.01	203+49.65	28.31' LT	950.68	893027.853	409513.783
46.02	203+50.75	25.64' LT	950.27	893030.546	409514.825
46.03	203+55.71	20.63' LT	950.48	893035.671	409519.665
46.04	203+61.69	18.57' LT	950.99	893037.872	409525.599
46.05	203+53.74	40.85' LT	950.49	893015.409	409518.171
46.06	203+52.74	32.51' LT	950.54	893023.724	409516.975
46.07	203+52.78	25.62' LT	950.30	893030.617	409516.856
46.08	203+57.88	20.62' LT	950.49	893035.731	409521.833
46.09	203+64.83	20.63' LT	950.77	893035.889	409528.783
46.10	203+72.86	21.58' LT	950.74	893035.121	409536.838
46.11	203+57.74	40.89' LT	950.41	893015.463	409522.170
46.12	203+57.74	32.54' LT	950.58	893023.810	409521.974
46.13	203+57.83	25.62' LT	950.38	893030.731	409521.898
46.14	203+64.83	25.63' LT	950.72	893030.890	409528.896
46.15	203+72.76	25.63' LT	950.73	893031.070	409536.827

RADIAL FIELD
BACK OF CURB RADIUS = 14.0'
'XR' LENGTH = 6.90'
TOTAL SF = 14.06
LONG CHORD LENGTH = 6.87'

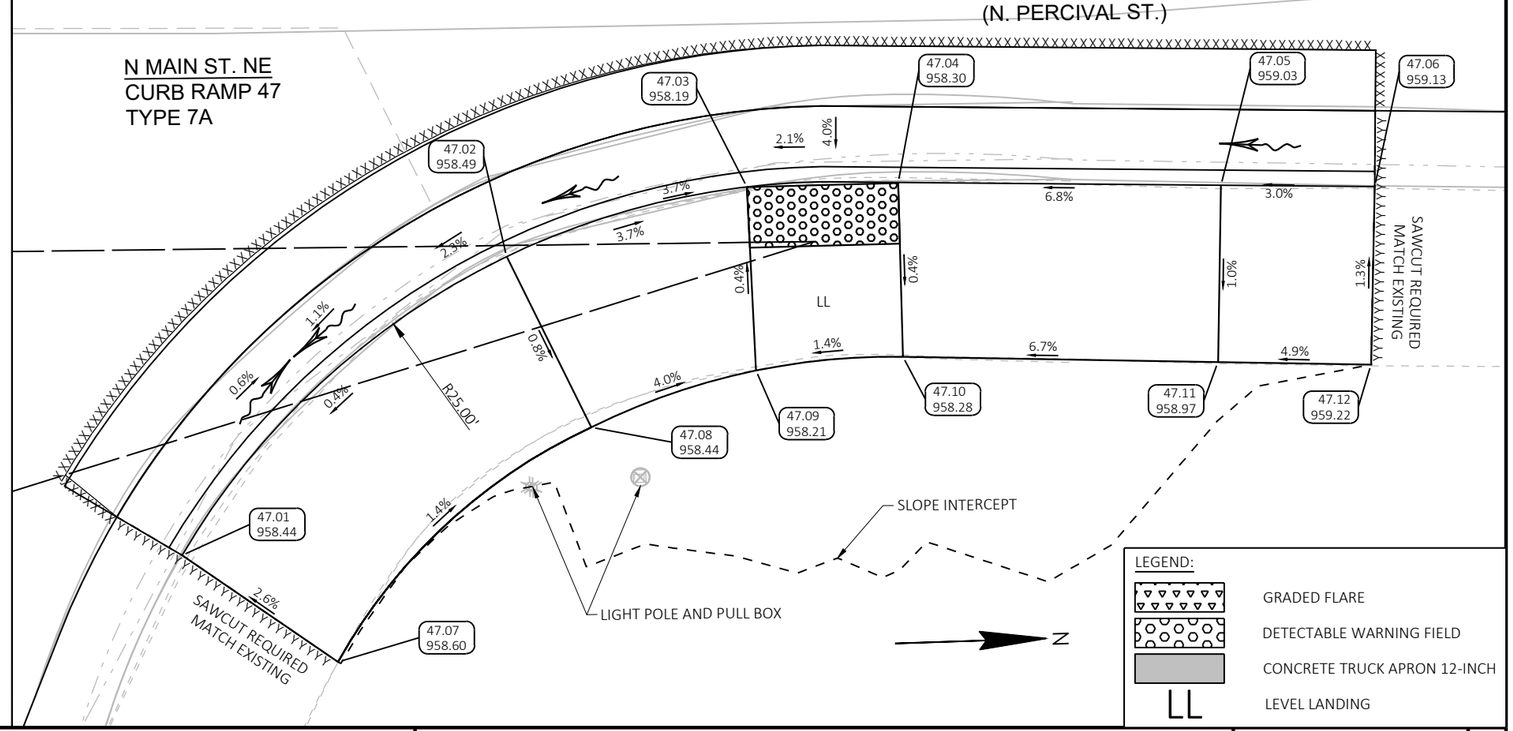
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 22ND ST	SHEET 89	E



CR48					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
48.01	208+94.29	18.36' LT	957.66	893050.467	410058.250
48.02	208+97.28	18.43' LT	957.22	893050.495	410061.238
48.03	209+02.51	18.47' LT	957.31	893050.610	410066.245
48.04	209+05.51	18.47' LT	957.74	893050.680	410069.245
48.05	208+85.42	21.30' LT	957.38	893047.209	410049.486
48.06	208+90.16	20.43' LT	957.46	893048.254	410054.188
48.07	208+97.25	20.40' LT	957.24	893048.529	410061.273
48.08	209+02.49	20.44' LT	957.33	893048.638	410066.278
48.09	209+09.49	20.57' LT	957.68	893048.667	410073.278
48.10	209+15.41	21.46' LT	957.99	893047.921	410079.220
48.11	208+85.52	25.44' LT	957.29	893043.076	410049.734
48.12	208+90.07	25.42' LT	957.51	893043.255	410054.278
48.13	208+97.16	25.40' LT	957.29	893043.530	410061.363
48.14	209+02.46	25.44' LT	957.38	893043.638	410066.361
48.15	209+09.46	25.57' LT	957.73	893043.668	410073.361
48.16	209+15.32	25.62' LT	958.02	893043.760	410079.220

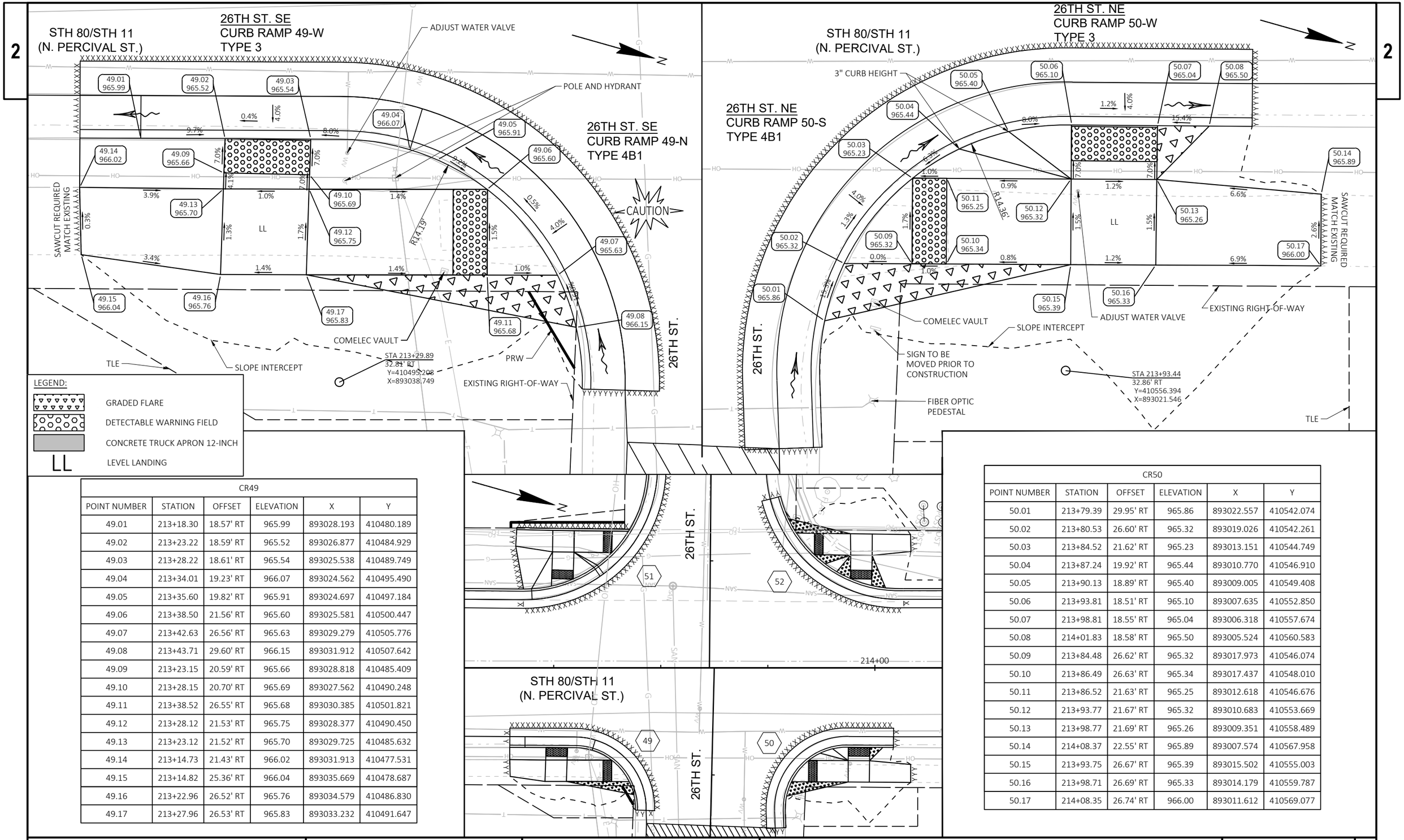


CR47					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
47.01	208+81.01	30.82' RT	958.44	893099.143	410043.252
47.02	208+91.70	20.95' RT	958.49	893089.655	410054.282
47.03	208+99.63	18.63' RT	958.19	893087.618	410062.287
47.04	209+04.41	18.53' RT	958.30	893087.641	410067.281
47.05	209+15.06	18.73' RT	959.03	893088.087	410077.923
47.06	209+20.13	18.82' RT	959.13	893088.299	410082.989
47.07	208+86.16	34.33' RT	958.60	893102.832	410048.276
47.08	208+94.51	26.57' RT	958.44	893095.374	410056.887
47.09	208+99.94	24.69' RT	958.21	893093.685	410062.380
47.10	209+04.51	24.28' RT	958.28	893093.395	410067.247
47.11	209+14.90	24.56' RT	958.97	893093.913	410077.632
47.12	209+19.95	24.69' RT	959.22	893094.164	410082.677



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - MAIN ST	SHEET 90	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021340-cr
PLOT DATE : 1/9/2025 2:45 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

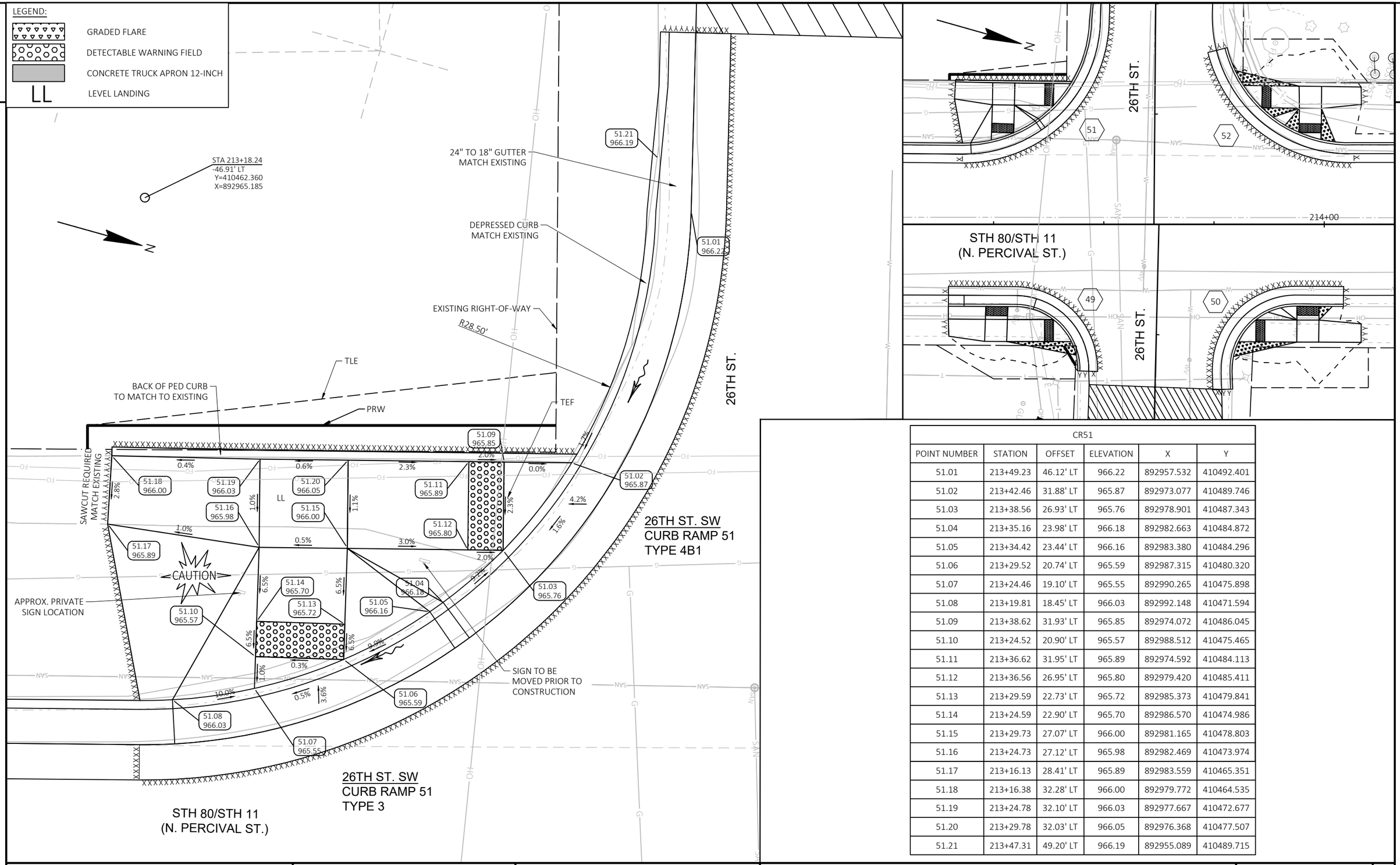


CR49					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
49.01	213+18.30	18.57' RT	965.99	893028.193	410480.189
49.02	213+23.22	18.59' RT	965.52	893026.877	410484.929
49.03	213+28.22	18.61' RT	965.54	893025.538	410489.749
49.04	213+34.01	19.23' RT	966.07	893024.562	410495.490
49.05	213+35.60	19.82' RT	965.91	893024.697	410497.184
49.06	213+38.50	21.56' RT	965.60	893025.581	410500.447
49.07	213+42.63	26.56' RT	965.63	893029.279	410505.776
49.08	213+43.71	29.60' RT	966.15	893031.912	410507.642
49.09	213+23.15	20.59' RT	965.66	893028.818	410485.409
49.10	213+28.15	20.70' RT	965.69	893027.562	410490.248
49.11	213+38.52	26.55' RT	965.68	893030.385	410501.821
49.12	213+28.12	21.53' RT	965.75	893028.377	410490.450
49.13	213+23.12	21.52' RT	965.70	893029.725	410485.632
49.14	213+14.73	21.43' RT	966.02	893031.913	410477.531
49.15	213+14.82	25.36' RT	966.04	893035.669	410478.687
49.16	213+22.96	26.52' RT	965.76	893034.579	410486.830
49.17	213+27.96	26.53' RT	965.83	893033.232	410491.647

CR50					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
50.01	213+79.39	29.95' RT	965.86	893022.557	410542.074
50.02	213+80.53	26.60' RT	965.32	893019.026	410542.261
50.03	213+84.52	21.62' RT	965.23	893013.151	410544.749
50.04	213+87.24	19.92' RT	965.44	893010.770	410546.910
50.05	213+90.13	18.89' RT	965.40	893009.005	410549.408
50.06	213+93.81	18.51' RT	965.10	893007.635	410552.850
50.07	213+98.81	18.55' RT	965.04	893006.318	410557.674
50.08	214+01.83	18.58' RT	965.50	893005.524	410560.583
50.09	213+84.48	26.62' RT	965.32	893017.973	410546.074
50.10	213+86.49	26.63' RT	965.34	893017.437	410548.010
50.11	213+86.52	21.63' RT	965.25	893012.618	410546.676
50.12	213+93.77	21.67' RT	965.32	893010.683	410553.669
50.13	213+98.77	21.69' RT	965.26	893009.351	410558.489
50.14	214+08.37	22.55' RT	965.89	893007.574	410567.958
50.15	213+93.75	26.67' RT	965.39	893015.502	410555.003
50.16	213+98.71	26.69' RT	965.33	893014.179	410559.787
50.17	214+08.35	26.74' RT	966.00	893011.612	410569.077

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 26TH ST	SHEET 91	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021341-cr
PLOT DATE : 1/9/2025 2:46 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



CR51					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
51.01	213+49.23	46.12' LT	966.22	892957.532	410492.401
51.02	213+42.46	31.88' LT	965.87	892973.077	410489.746
51.03	213+38.56	26.93' LT	965.76	892978.901	410487.343
51.04	213+35.16	23.98' LT	966.18	892982.663	410484.872
51.05	213+34.42	23.44' LT	966.16	892983.380	410484.296
51.06	213+29.52	20.74' LT	965.59	892987.315	410480.320
51.07	213+24.46	19.10' LT	965.55	892990.265	410475.898
51.08	213+19.81	18.45' LT	966.03	892992.148	410471.594
51.09	213+38.62	31.93' LT	965.85	892974.072	410486.045
51.10	213+24.52	20.90' LT	965.57	892988.512	410475.465
51.11	213+36.62	31.95' LT	965.89	892974.592	410484.113
51.12	213+36.56	26.95' LT	965.80	892979.420	410485.411
51.13	213+29.59	22.73' LT	965.72	892985.373	410479.841
51.14	213+24.59	22.90' LT	965.70	892986.570	410474.986
51.15	213+29.73	27.07' LT	966.00	892981.165	410478.803
51.16	213+24.73	27.12' LT	965.98	892982.469	410473.974
51.17	213+16.13	28.41' LT	965.89	892983.559	410465.351
51.18	213+16.38	32.28' LT	966.00	892979.772	410464.535
51.19	213+24.78	32.10' LT	966.03	892977.667	410472.677
51.20	213+29.78	32.03' LT	966.05	892976.368	410477.507
51.21	213+47.31	49.20' LT	966.19	892955.089	410489.715

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 26TH ST	SHEET 92	E

2

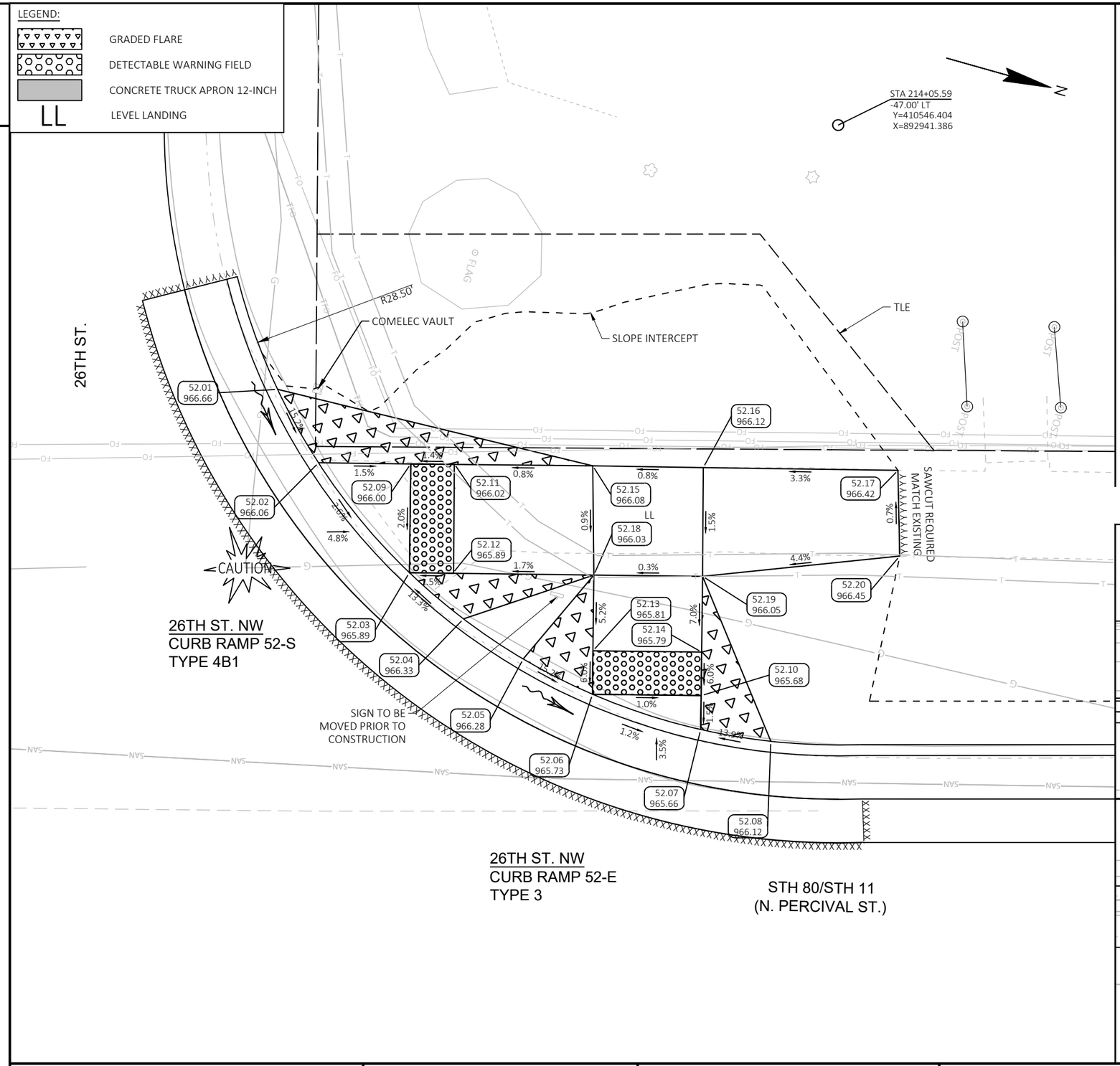
LEGEND:

GRADED FLARE

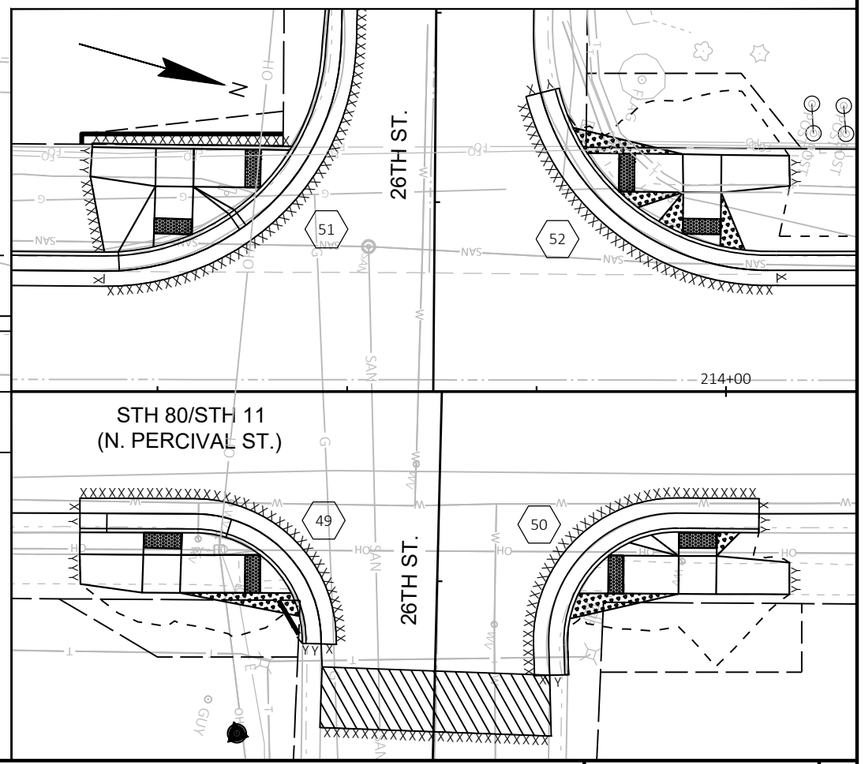
DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING



CR52					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
52.01	213+79.81	34.85' LT	966.66	892960.075	410524.887
52.02	213+81.69	31.48' LT	966.06	892962.815	410527.614
52.03	213+85.87	26.42' LT	965.89	892966.543	410533.011
52.04	213+88.36	24.30' LT	966.33	892967.911	410535.980
52.05	213+91.11	22.46' LT	966.28	892968.942	410539.127
52.06	213+94.29	20.84' LT	965.73	892969.636	410542.633
52.07	213+99.27	19.21' LT	965.66	892969.849	410547.867
52.08	214+02.50	18.67' LT	966.12	892969.494	410551.117
52.09	213+85.93	31.42' LT	966.00	892961.714	410531.715
52.10	213+99.29	20.77' LT	965.68	892968.337	410547.461
52.11	213+87.94	31.43' LT	966.02	892961.164	410533.639
52.12	213+87.87	26.40' LT	965.89	892966.025	410534.943
52.13	213+94.32	22.84' LT	965.81	892967.704	410542.113
52.14	213+99.32	22.77' LT	965.79	892966.409	410546.943
52.15	213+94.30	31.34' LT	966.08	892959.524	410539.794
52.16	213+99.39	31.25' LT	966.12	892958.226	410544.713
52.17	214+08.34	31.13' LT	966.42	892955.913	410553.362
52.18	213+94.36	26.32' LT	966.03	892964.343	410541.209
52.19	213+99.36	26.26' LT	966.05	892963.040	410546.037
52.20	214+08.43	27.19' LT	966.45	892959.686	410554.511



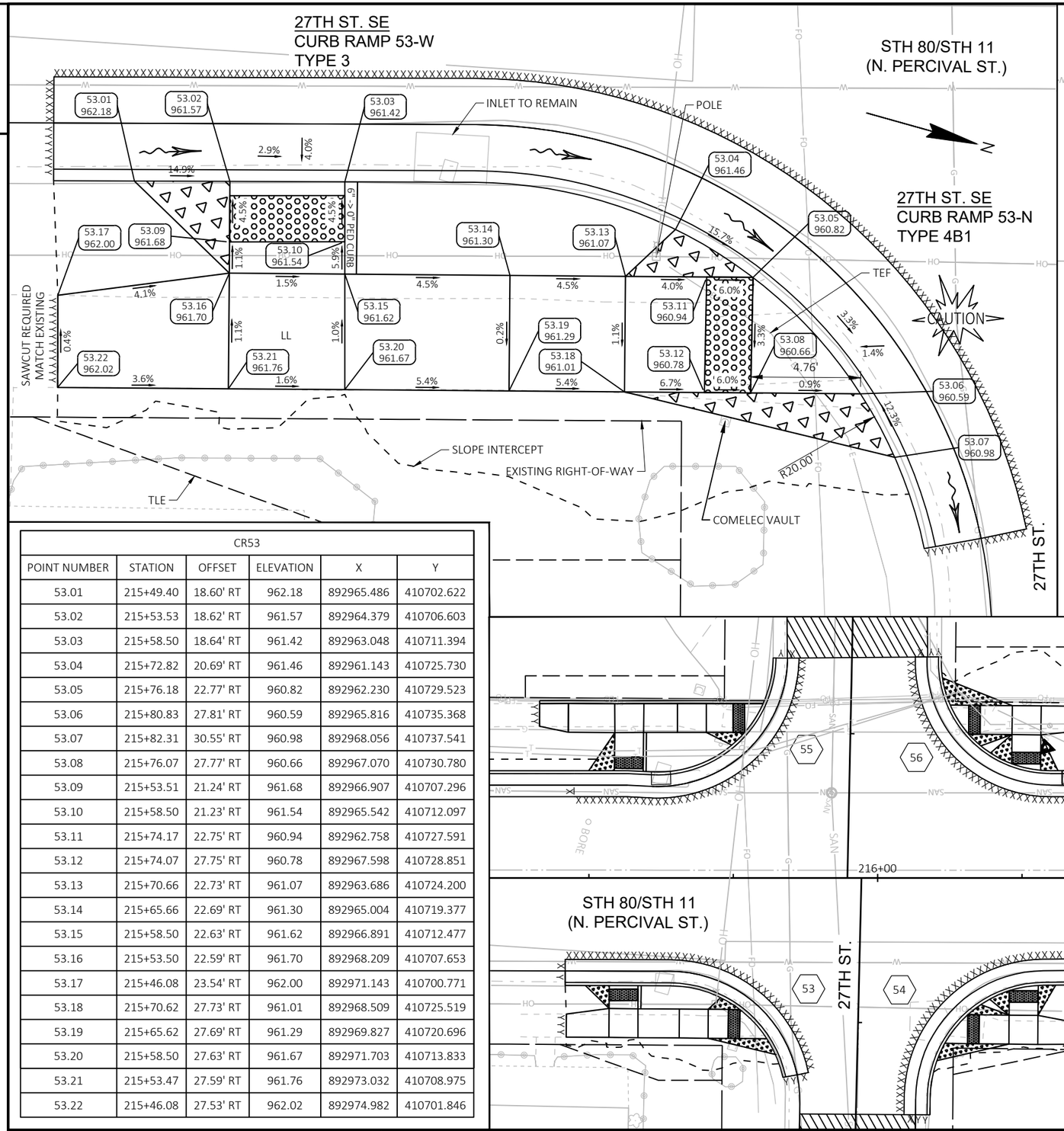
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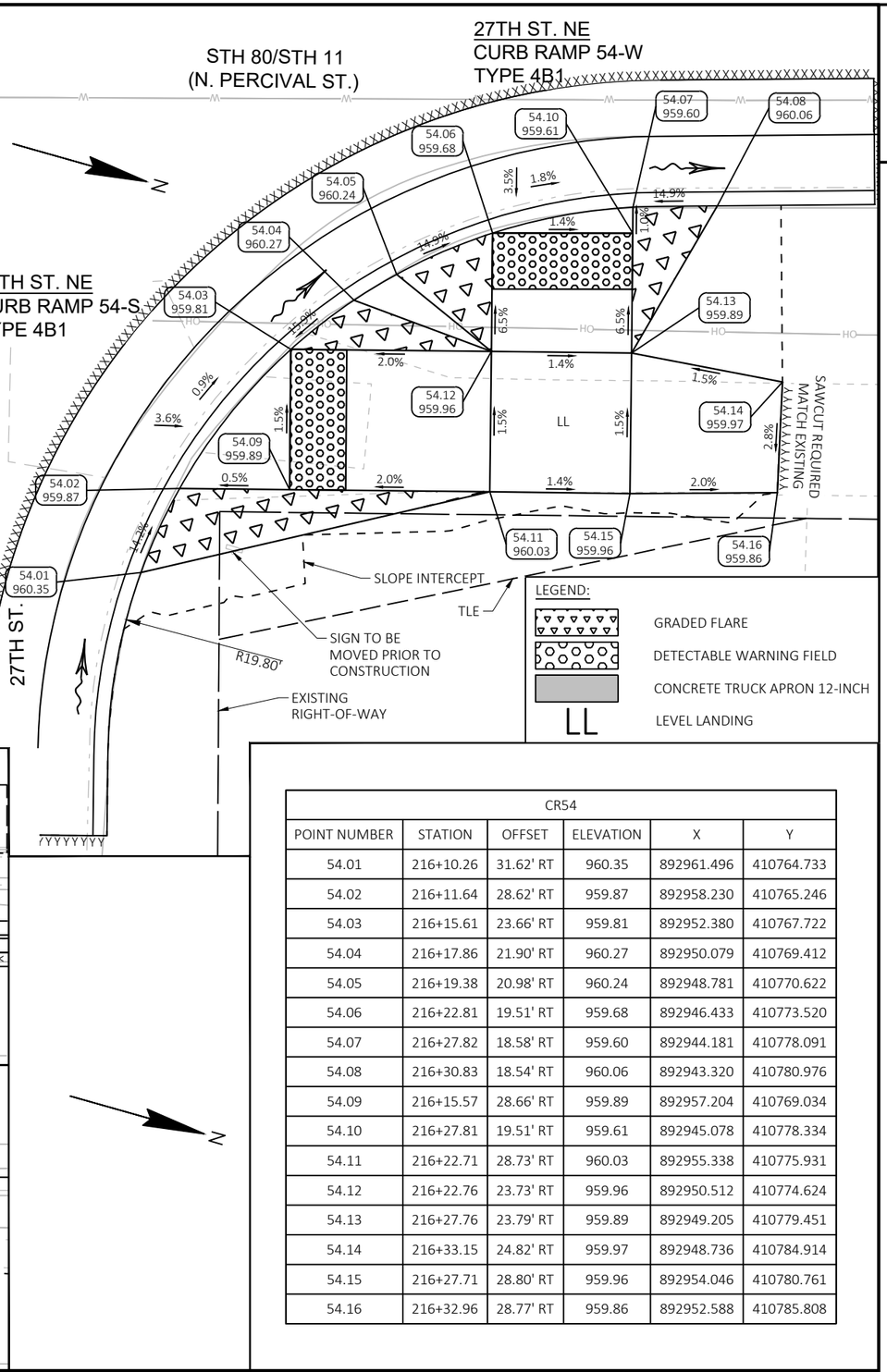
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 26TH ST	SHEET 93	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021342-cr (2)

PLOT DATE : 1/9/2025 2:47 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : #########

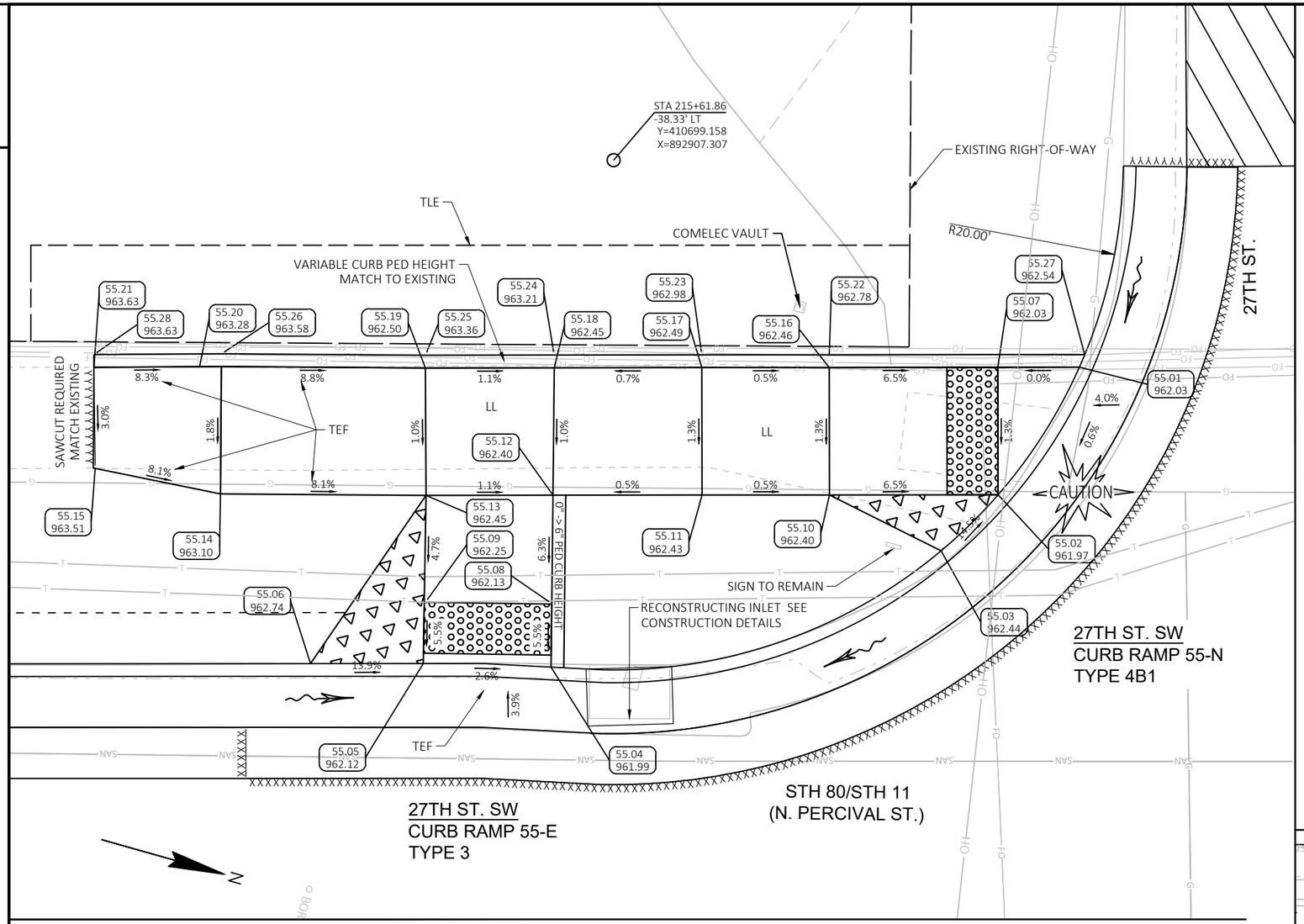
WISDOT/CADDS SHEET 42



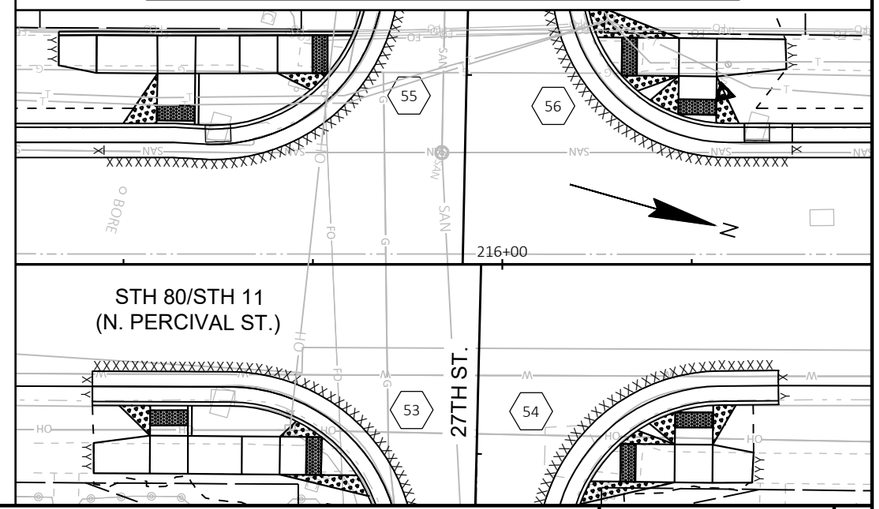


CR53					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
53.01	215+49.40	18.60' RT	962.18	892965.486	410702.622
53.02	215+53.53	18.62' RT	961.57	892964.379	410706.603
53.03	215+58.50	18.64' RT	961.42	892963.048	410711.394
53.04	215+72.82	20.69' RT	961.46	892961.143	410725.730
53.05	215+76.18	22.77' RT	960.82	892962.230	410729.523
53.06	215+80.83	27.81' RT	960.59	892965.816	410735.368
53.07	215+82.31	30.55' RT	960.98	892968.056	410737.541
53.08	215+76.07	27.77' RT	960.66	892967.070	410730.780
53.09	215+53.51	21.24' RT	961.68	892966.907	410707.296
53.10	215+58.50	21.23' RT	961.54	892965.542	410712.097
53.11	215+74.17	22.75' RT	960.94	892962.758	410727.591
53.12	215+74.07	27.75' RT	960.78	892967.598	410728.851
53.13	215+70.66	22.73' RT	961.07	892963.686	410724.200
53.14	215+65.66	22.69' RT	961.30	892965.004	410719.377
53.15	215+58.50	22.63' RT	961.62	892966.891	410712.477
53.16	215+53.50	22.59' RT	961.70	892968.209	410707.653
53.17	215+46.08	23.54' RT	962.00	892971.143	410700.771
53.18	215+70.62	27.73' RT	961.01	892968.509	410725.519
53.19	215+65.62	27.69' RT	961.29	892969.827	410720.696
53.20	215+58.50	27.63' RT	961.67	892971.703	410713.833
53.21	215+53.47	27.59' RT	961.76	892973.032	410708.975
53.22	215+46.08	27.53' RT	962.02	892974.982	410701.846

CR54					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
54.01	216+10.26	31.62' RT	960.35	892961.496	410764.733
54.02	216+11.64	28.62' RT	959.87	892958.230	410765.246
54.03	216+15.61	23.66' RT	959.81	892952.380	410767.722
54.04	216+17.86	21.90' RT	960.27	892950.079	410769.412
54.05	216+19.38	20.98' RT	960.24	892948.781	410770.622
54.06	216+22.81	19.51' RT	959.68	892946.433	410773.520
54.07	216+27.82	18.58' RT	959.60	892944.181	410778.091
54.08	216+30.83	18.54' RT	960.06	892943.320	410780.976
54.09	216+15.57	28.66' RT	959.89	892957.204	410769.034
54.10	216+27.81	19.51' RT	959.61	892945.078	410778.334
54.11	216+22.71	28.73' RT	960.03	892955.338	410775.931
54.12	216+22.76	23.73' RT	959.96	892950.512	410774.624
54.13	216+27.76	23.79' RT	959.89	892949.205	410779.451
54.14	216+33.15	24.82' RT	959.97	892948.736	410784.914
54.15	216+27.71	28.80' RT	959.96	892954.046	410780.761
54.16	216+32.96	28.77' RT	959.86	892952.588	410785.808



CR55					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
55.01	215+80.14	30.21' LT	962.03	892910.161	410718.954
55.02	215+76.95	25.21' LT	961.97	892915.841	410717.246
55.03	215+74.72	23.01' LT	962.44	892918.561	410715.692
55.04	215+59.41	18.45' LT	961.99	892927.112	410702.198
55.05	215+54.39	18.58' LT	962.12	892928.342	410697.332
55.06	215+49.97	18.58' LT	962.74	892929.544	410693.077
55.07	215+76.95	30.21' LT	962.03	892911.030	410715.884
55.08	215+59.44	20.94' LT	962.13	892924.707	410701.547
55.09	215+54.48	20.99' LT	962.25	892926.001	410696.762
55.10	215+70.33	25.20' LT	962.40	892917.645	410710.878
55.11	215+65.33	25.20' LT	962.43	892919.006	410706.068
55.12	215+59.48	25.19' LT	962.40	892920.603	410700.437
55.13	215+54.50	25.18' LT	962.45	892921.959	410695.648
55.14	215+46.43	25.24' LT	963.10	892924.095	410687.865
55.15	215+41.52	26.26' LT	963.51	892924.451	410682.861
55.16	215+70.33	30.20' LT	962.46	892912.834	410709.517
55.17	215+65.33	30.20' LT	962.49	892914.197	410704.706
55.18	215+59.53	30.19' LT	962.45	892915.776	410699.131
55.19	215+54.48	30.18' LT	962.50	892917.155	410694.263
55.20	215+45.62	30.25' LT	963.28	892919.498	410685.723
55.21	215+41.47	30.21' LT	963.63	892920.659	410681.737
55.22	215+70.33	30.70' LT	962.78	892912.353	410709.380
55.23	215+65.33	30.70' LT	962.98	892913.716	410704.570
55.24	215+59.53	30.69' LT	963.21	892915.295	410698.995
55.25	215+54.48	30.68' LT	963.36	892916.673	410694.129
55.26	215+46.47	30.74' LT	963.58	892918.792	410686.406
55.27	215+80.35	30.71' LT	962.54	892909.626	410719.024
55.28	215+41.47	30.71' LT	963.63	892920.179	410681.598

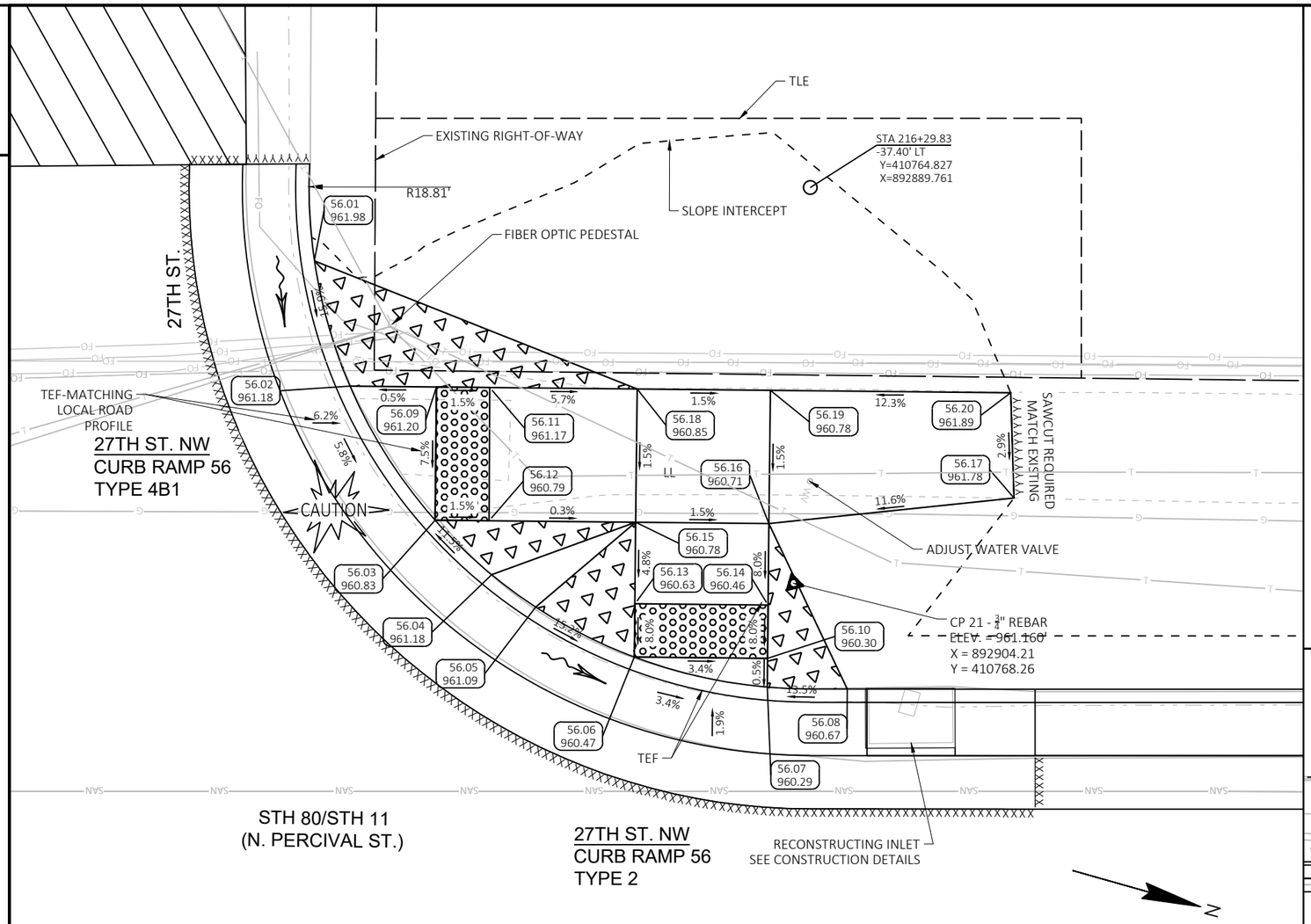


LEGEND:

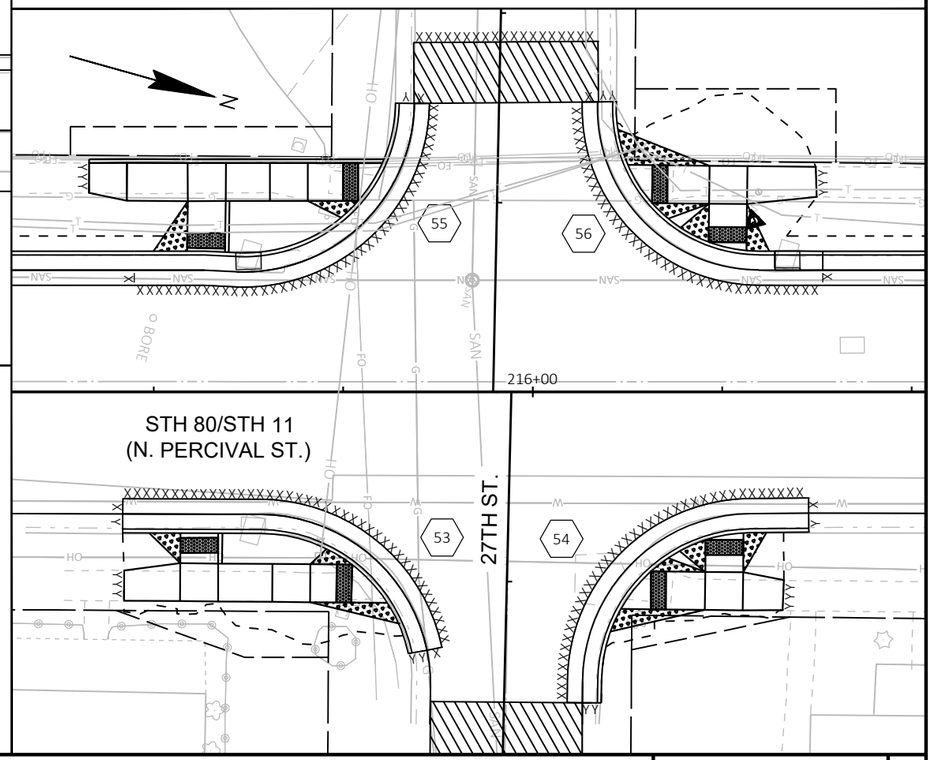
- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 27TH ST	SHEET 95 E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021344-cr
PLOT DATE : 1/9/2025 2:48 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT



CR56					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
56.01	216+11.22	34.65' LT	961.98	892897.458	410747.663
56.02	216+12.55	29.95' LT	961.18	892901.615	410750.221
56.03	216+15.75	24.92' LT	960.83	892905.591	410754.666
56.04	216+17.87	22.87' LT	961.18	892906.983	410757.262
56.05	216+19.52	21.66' LT	961.09	892907.706	410759.185
56.06	216+23.22	19.78' LT	960.47	892908.506	410763.256
56.07	216+28.21	18.65' LT	960.29	892908.237	410768.363
56.08	216+31.21	18.58' LT	960.67	892907.490	410771.269
56.09	216+15.80	29.92' LT	961.20	892900.765	410753.358
56.10	216+28.22	19.73' LT	960.30	892907.197	410768.081
56.11	216+17.80	29.90' LT	961.17	892900.242	410755.288
56.12	216+17.77	24.90' LT	960.79	892905.061	410756.620
56.13	216+23.25	21.78' LT	960.63	892906.576	410762.733
56.14	216+28.25	21.73' LT	960.46	892905.268	410767.559
56.15	216+23.28	24.84' LT	960.78	892903.622	410761.932
56.16	216+28.28	24.79' LT	960.71	892902.314	410766.758
56.17	216+37.47	25.75' LT	961.78	892898.897	410775.348
56.18	216+23.33	29.84' LT	960.85	892898.796	410760.624
56.19	216+28.33	29.79' LT	960.78	892897.488	410765.450
56.20	216+37.35	29.70' LT	961.89	892895.129	410774.159

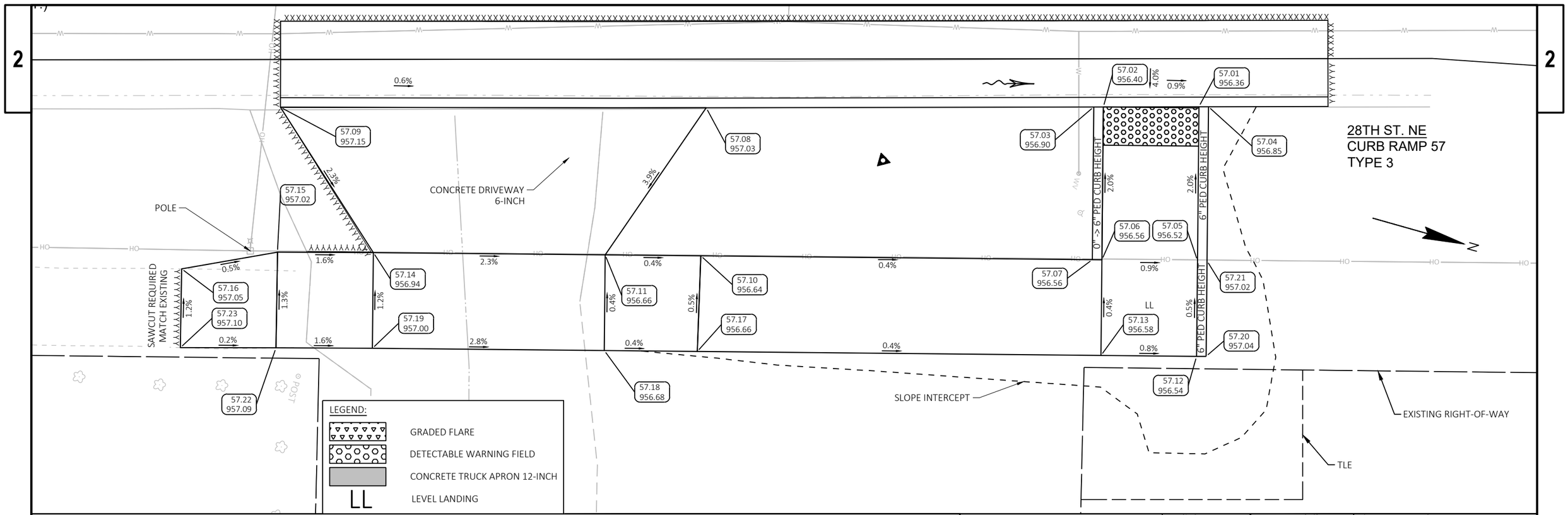


LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

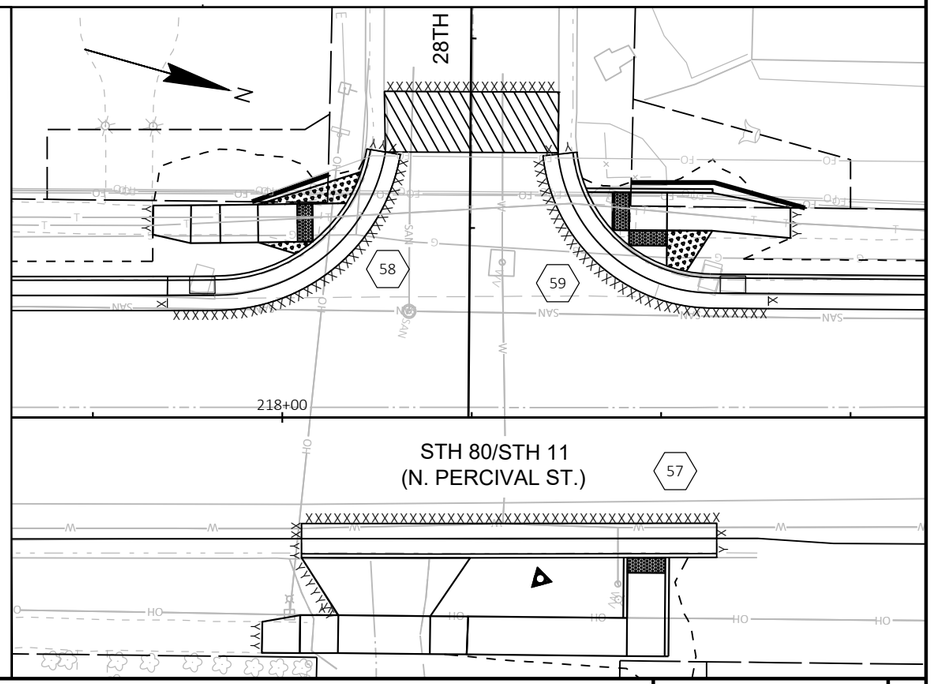
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 27TH ST	SHEET 96	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021345-cr
PLOT DATE : 1/9/2025 2:48 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT



CR57					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
57.01	218+50.58	18.46' RT	956.36	892883.599	410992.453
57.02	218+45.58	18.48' RT	956.40	892884.966	410987.643
57.03	218+45.07	18.48' RT	956.90	892885.104	410987.160
57.04	218+51.07	18.46' RT	956.85	892883.462	410992.932
57.05	218+50.50	26.51' RT	956.52	892891.365	410994.561
57.06	218+45.50	26.46' RT	956.56	892892.675	410989.736
57.07	218+45.00	26.46' RT	956.56	892892.806	410989.253
57.08	218+24.81	18.52' RT	957.03	892890.646	410967.670
57.09	218+02.54	18.49' RT	957.15	892896.663	410946.229
57.10	218+24.52	26.26' RT	956.64	892898.170	410969.494
57.11	218+19.52	26.21' RT	956.66	892899.481	410964.667
57.12	218+50.45	31.51' RT	956.54	892896.190	410995.871

CR57					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
57.13	218+45.45	31.46' RT	956.58	892897.500	410991.046
57.14	218+07.40	26.09' RT	956.94	892902.656	410952.970
57.15	218+02.39	26.07' RT	957.02	892903.997	410948.139
57.16	217+97.38	26.94' RT	957.05	892906.196	410943.549
57.17	218+24.34	31.26' RT	956.66	892903.031	410970.672
57.18	218+19.47	31.21' RT	956.68	892904.306	410965.977
57.19	218+07.35	31.09' RT	957.00	892907.482	410954.280
57.20	218+50.95	31.52' RT	957.04	892896.059	410996.354
57.21	218+51.00	26.52' RT	957.02	892891.234	410995.043
57.22	218+02.31	31.07' RT	957.09	892908.830	410949.420
57.23	217+97.31	31.05' RT	957.10	892910.175	410944.604



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 28TH ST	SHEET 97	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021345.5-cr
PLOT DATE : 1/9/2025 2:49 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

2

LEGEND:

GRADED FLARE

DETECTABLE WARNING FIELD

CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

N

TLE

STA 217+91.25
-38.78' LT
Y=410919.815
X=892844.612

SLOPE INTERCEPT

EXISTING RIGHT-OF-WAY

COMELEC VAULT

PRW

R20.16'

28TH ST.

58.01
958.64

58.12
958.18

TEF

8.7%

8.7%

1.5%

2.4%

4.6%

0.0%

58.09
959.02

58.10
958.59

58.11
958.26

58.14
958.06

58.13
957.97

58.02
957.97

4.8%

0.5%

1.3%

LL

1.3%

5.6%

3.7%

58.15
957.78

CAUTION

SAWCUT REQUIRED
MATCH EXISTING

9.5%

9.5%

1.5%

6.6%

4.5%

12.1%

58.08
959.05

58.07
958.57

58.06
958.19

58.05
958.12

58.03
957.69

58.04
958.07

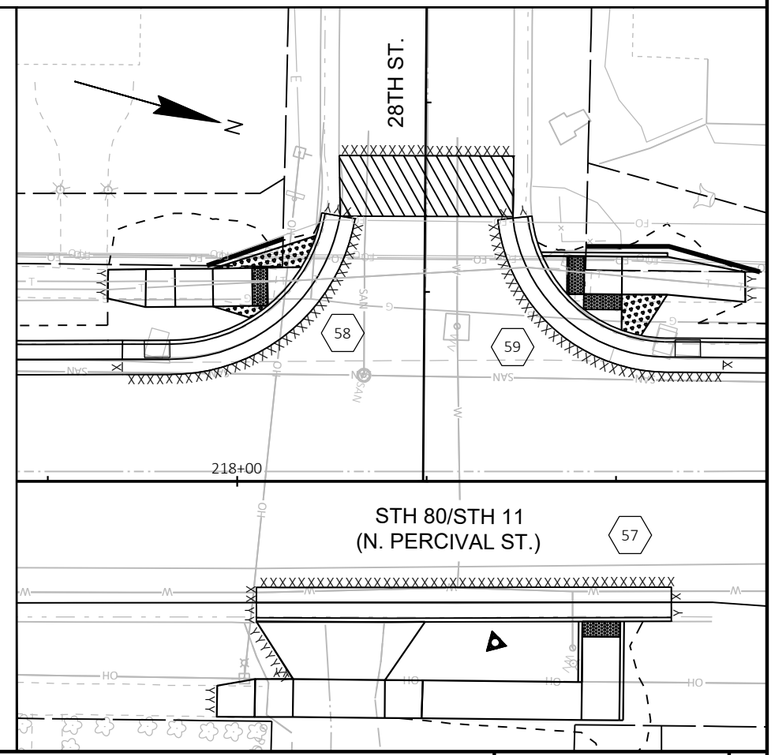
TEF

28TH ST. SW
CURB RAMP 58
TYPE 4B1

RECONSTRUCTING INLET
SEE CONSTRUCTION DETAILS

STH 80/STH 11
(N. PERCIVAL ST.)

CR58					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
58.01	218+10.38	32.40' LT	958.64	892845.555	410939.954
58.02	218+08.45	28.26' LT	957.97	892850.062	410939.225
58.03	218+04.04	23.20' LT	957.69	892856.135	410936.359
58.04	218+01.79	21.59' LT	958.07	892858.295	410934.622
58.05	217+96.84	23.09' LT	958.12	892858.194	410929.454
58.06	217+91.84	23.04' LT	958.19	892859.600	410924.656
58.07	217+87.91	23.00' LT	958.57	892860.704	410920.888
58.08	217+82.93	24.13' LT	959.05	892860.970	410915.782
58.09	217+82.98	27.95' LT	959.02	892857.281	410914.792
58.10	217+87.98	28.00' LT	958.59	892855.875	410919.591
58.11	217+91.77	28.04' LT	958.26	892854.809	410923.227
58.12	217+96.77	28.09' LT	958.18	892853.402	410928.025
58.13	218+03.97	28.19' LT	957.97	892851.343	410934.930
58.14	218+01.99	28.16' LT	958.06	892851.909	410933.032
58.15	218+02.04	23.17' LT	957.78	892856.699	410934.440

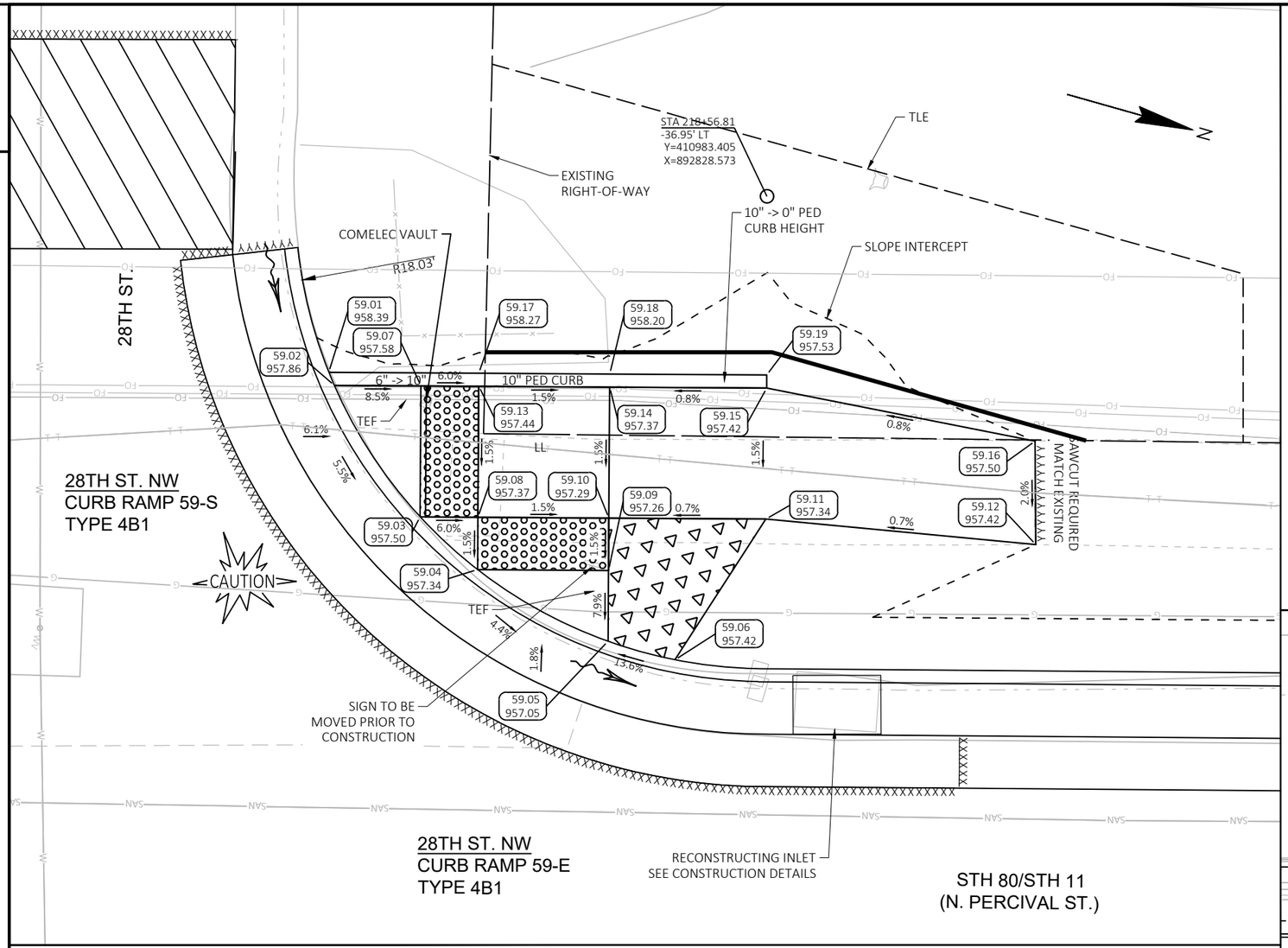


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 28TH ST	SHEET 98	E

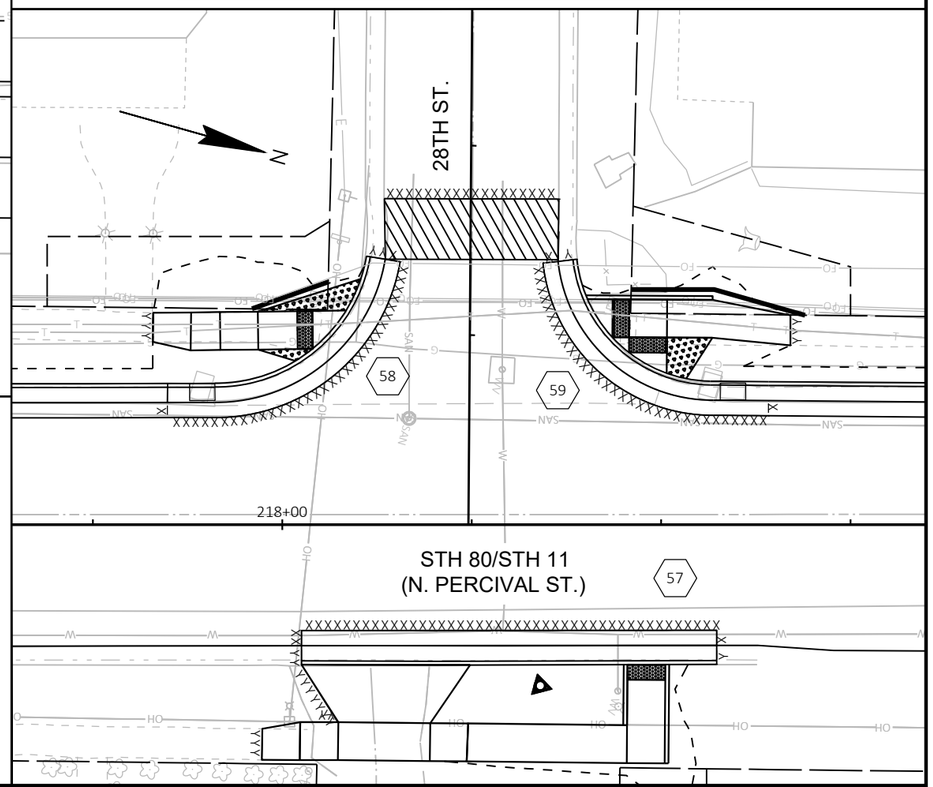
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021346-cr

PLOT DATE : 1/9/2025 2:49 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

WISDOT/CADDS SHEET 42



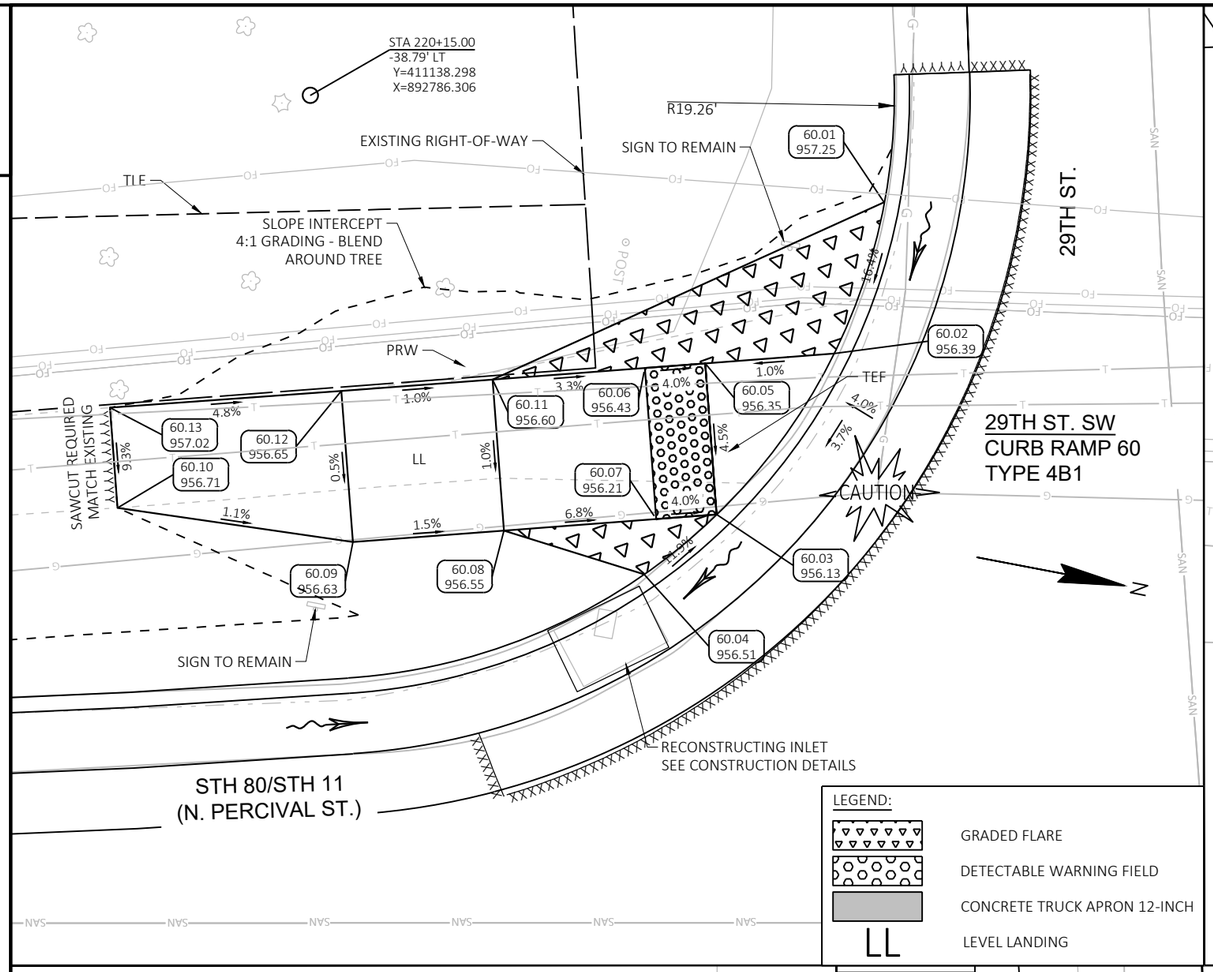
CR59					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
59.01	218+40.07	30.24' LT	958.39	892839.576	410969.119
59.02	218+40.28	29.74' LT	957.86	892840.002	410969.457
59.03	218+43.56	24.72' LT	957.50	892843.944	410973.977
59.04	218+45.75	22.70' LT	957.34	892845.286	410976.636
59.05	218+50.74	19.97' LT	957.05	892846.563	410982.173
59.06	218+53.29	19.26' LT	957.42	892846.549	410984.825
59.07	218+43.59	29.72' LT	957.58	892839.123	410972.650
59.08	218+45.77	24.70' LT	957.37	892843.358	410976.105
59.09	218+50.75	22.67' LT	957.26	892843.959	410981.456
59.10	218+50.77	24.67' LT	957.29	892842.031	410980.926
59.11	218+56.77	24.63' LT	957.34	892840.438	410986.710
59.12	218+67.07	23.66' LT	957.42	892838.578	410996.893
59.13	218+45.80	29.70' LT	957.44	892838.537	410974.778
59.14	218+50.80	29.67' LT	957.37	892837.210	410979.598
59.15	218+56.80	29.63' LT	957.42	892835.618	410985.383
59.16	218+67.05	27.61' LT	957.50	892834.781	410995.799
59.17	218+45.80	30.20' LT	958.27	892838.055	410974.645
59.18	218+50.80	30.17' LT	958.20	892836.728	410979.466
59.19	218+56.80	30.13' LT	957.53	892835.136	410985.251

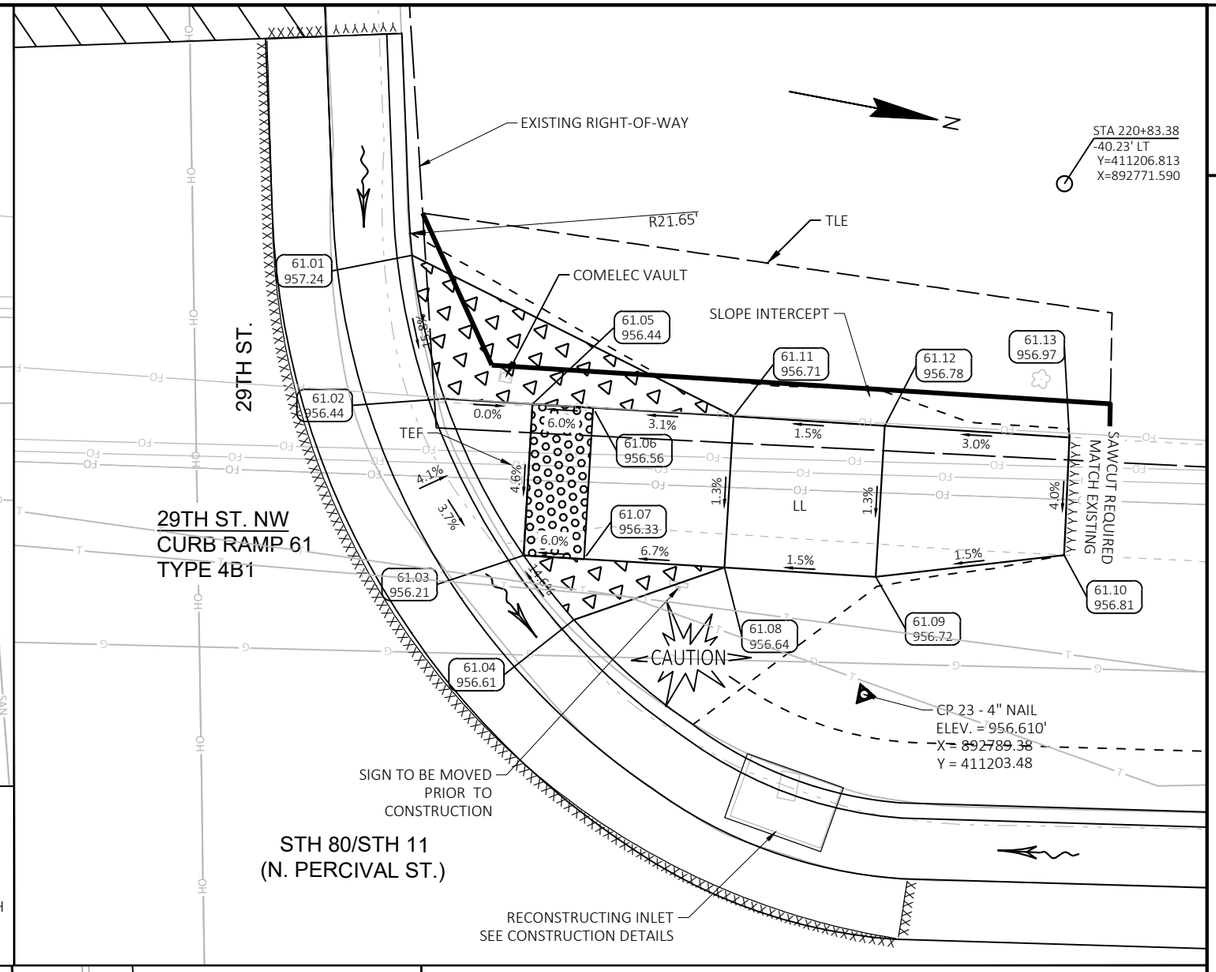


LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING

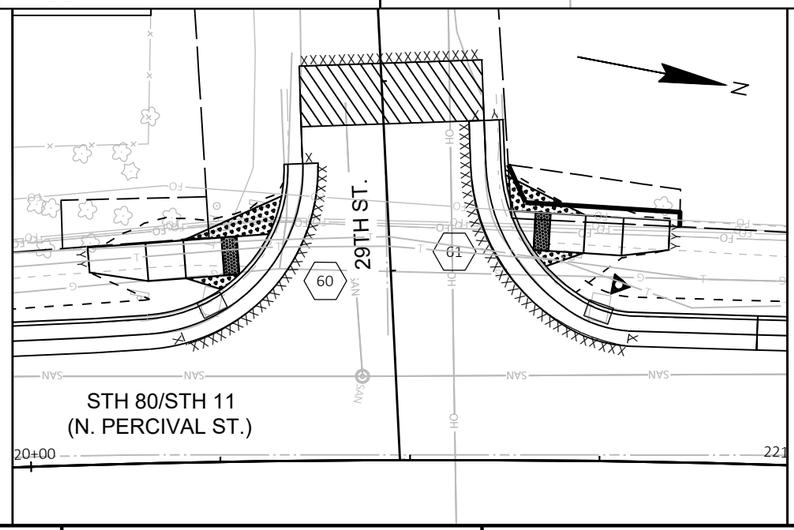
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 28TH ST	SHEET 99	E





LEGEND:

- GRADED FLARE
- DETECTABLE WARNING FIELD
- CONCRETE TRUCK APRON 12-INCH
- LL — LEVEL LANDING



CR60					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
60.01	220+33.44	34.92' LT	957.25	892786.224	411157.561
60.02	220+31.75	29.95' LT	956.39	892791.435	411156.866
60.03	220+27.88	24.70' LT	956.13	892797.372	411154.066
60.04	220+25.49	22.77' LT	956.51	892799.760	411152.085
60.05	220+27.59	29.69' LT	956.35	892792.545	411152.760
60.06	220+25.63	29.57' LT	956.43	892793.067	411150.829
60.07	220+25.91	24.58' LT	956.21	892797.894	411152.135
60.08	220+20.96	24.29' LT	956.55	892799.210	411147.269
60.09	220+16.04	24.02' LT	956.63	892800.516	411142.443
60.10	220+08.42	25.35' LT	956.71	892800.861	411134.601
60.11	220+20.68	29.29' LT	956.60	892794.384	411145.964
60.12	220+15.78	29.02' LT	956.65	892795.689	411141.137
60.13	220+08.27	28.66' LT	957.02	892797.663	411133.742

CR61					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
61.01	220+62.40	37.61' LT	957.24	892777.940	411186.120
61.02	220+63.47	32.88' LT	956.44	892782.391	411188.055
61.03	220+66.07	27.73' LT	956.21	892786.977	411191.589
61.04	220+67.73	25.62' LT	956.61	892788.750	411193.620
61.05	220+66.32	32.72' LT	956.44	892782.019	411190.944
61.06	220+68.28	32.62' LT	956.56	892781.763	411192.927
61.07	220+68.03	27.63' LT	956.33	892786.722	411193.566
61.08	220+72.59	27.40' LT	956.64	892786.129	411198.170
61.09	220+77.50	27.16' LT	956.72	892785.490	411203.129
61.10	220+83.60	27.99' LT	956.81	892783.622	411209.104
61.11	220+72.82	32.39' LT	956.71	892781.170	411197.531
61.12	220+77.72	32.15' LT	956.78	892780.543	411202.492
61.13	220+83.70	31.87' LT	956.97	892779.774	411208.551

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - 29TH ST	SHEET 100	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021348-cr
PLOT DATE : 1/9/2025 2:50 PM
PLOT BY : MICHAEL LISKA
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

CR62					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
62.01	238+17.25	23.22' LT	978.42	892529.371	412924.417
62.02	238+22.16	23.22' LT	978.48	892528.627	412929.275
62.03	237+99.83	26.23' LT	978.63	892529.022	412906.747
62.04	238+10.22	26.23' LT	978.80	892527.450	412917.012
62.05	238+17.23	26.24' LT	978.45	892526.385	412923.946
62.06	238+22.18	26.09' LT	978.51	892525.781	412928.857
62.09	237+99.83	30.25' LT	978.75	892525.053	412906.132
62.10	238+10.22	31.23' LT	978.85	892522.516	412916.254
62.11	238+17.22	31.23' LT	978.50	892521.449	412923.173
62.12	238+22.22	31.24' LT	978.56	892520.687	412928.114
62.15	238+13.91	23.21' LT	978.87	892529.876	412921.121
62.16	238+25.91	23.22' LT	979.03	892528.058	412932.983

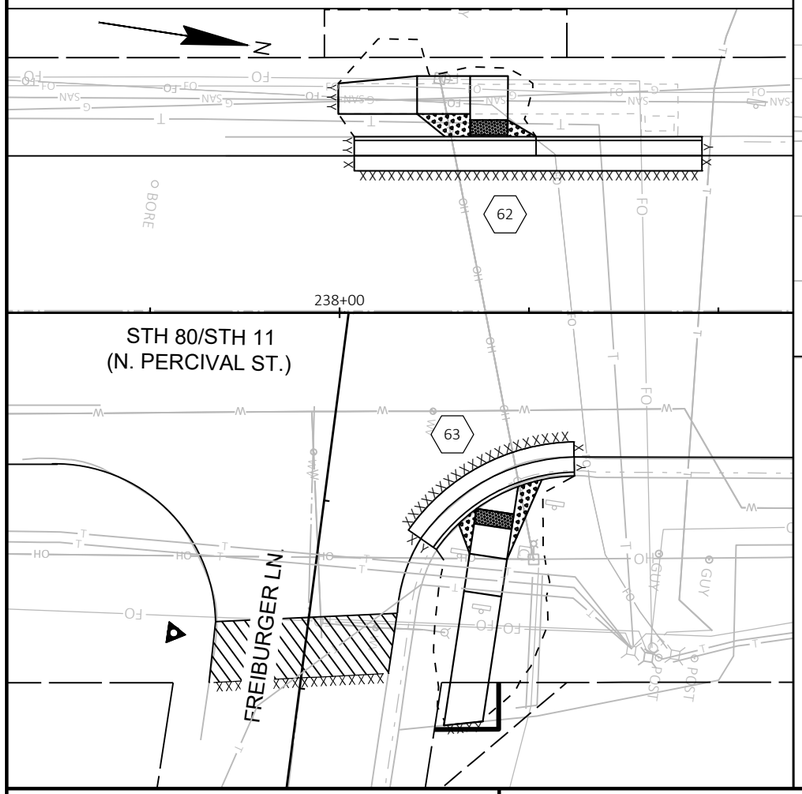
LEGEND:

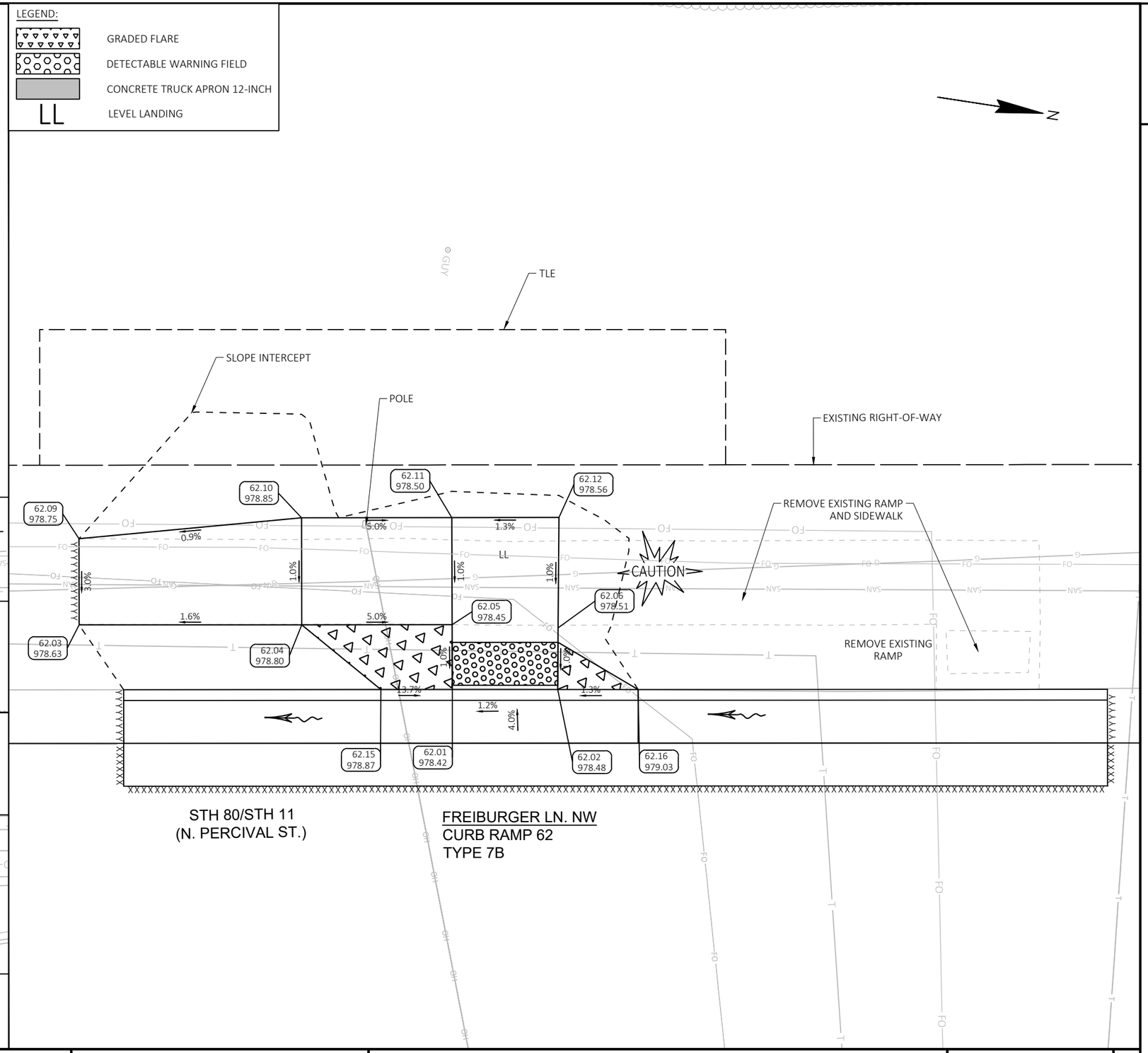
GRADED FLARE

DETECTABLE WARNING FIELD

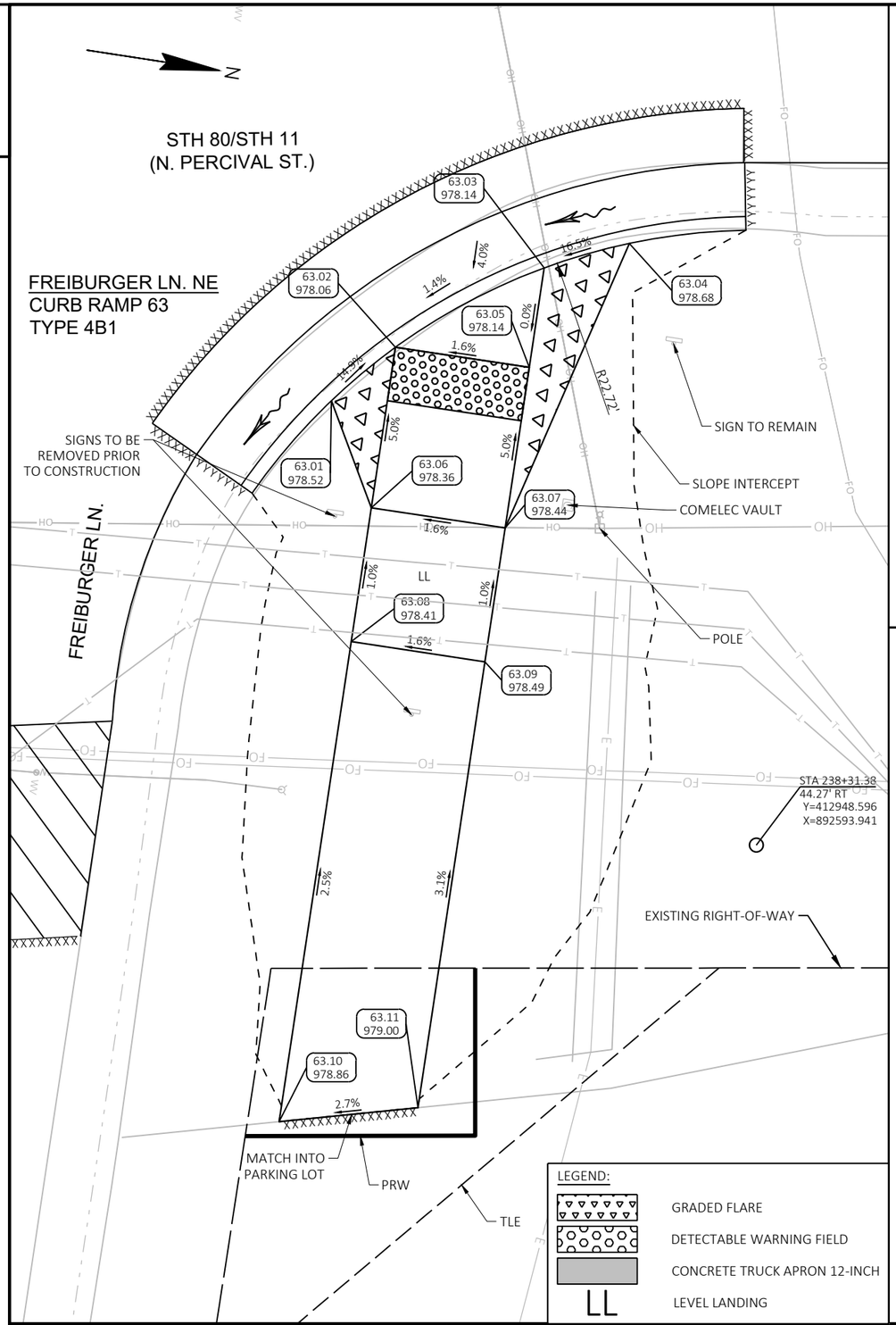
CONCRETE TRUCK APRON 12-INCH

LL LEVEL LANDING

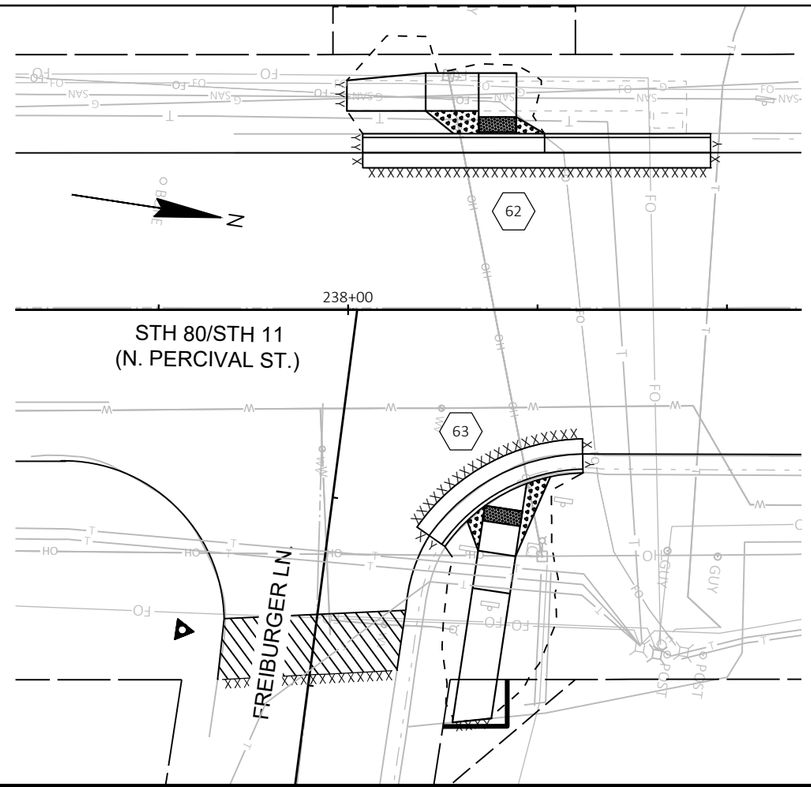




PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - FREIBURGER LN	SHEET 101	E



CR63					
POINT NUMBER	STATION	OFFSET	ELEVATION	X	Y
63.01	238+15.68	27.85' RT	978.52	892580.082	412930.588
63.02	238+18.05	25.87' RT	978.06	892577.770	412932.631
63.03	238+23.54	22.94' RT	978.14	892574.043	412937.622
63.04	238+26.69	22.03' RT	978.68	892572.673	412940.595
63.05	238+22.99	26.61' RT	978.14	892577.758	412937.631
63.06	238+17.16	31.80' RT	978.36	892583.770	412932.647
63.07	238+22.10	32.55' RT	978.44	892583.758	412937.647
63.08	238+16.41	36.75' RT	978.41	892588.770	412932.660
63.09	238+21.36	37.49' RT	978.49	892588.758	412937.660
63.10	238+13.75	54.48' RT	978.86	892606.702	412932.705
63.11	238+18.88	53.96' RT	979.00	892605.416	412937.702



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CURB RAMP DETAILS - FREIBURGER LN	SHEET 102	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021350-cr
PLOT DATE : 1/9/2025 2:51 PM PLOT BY : MICHAEL LISKA PLOT NAME : PLOT SCALE : 1 IN:5 FT

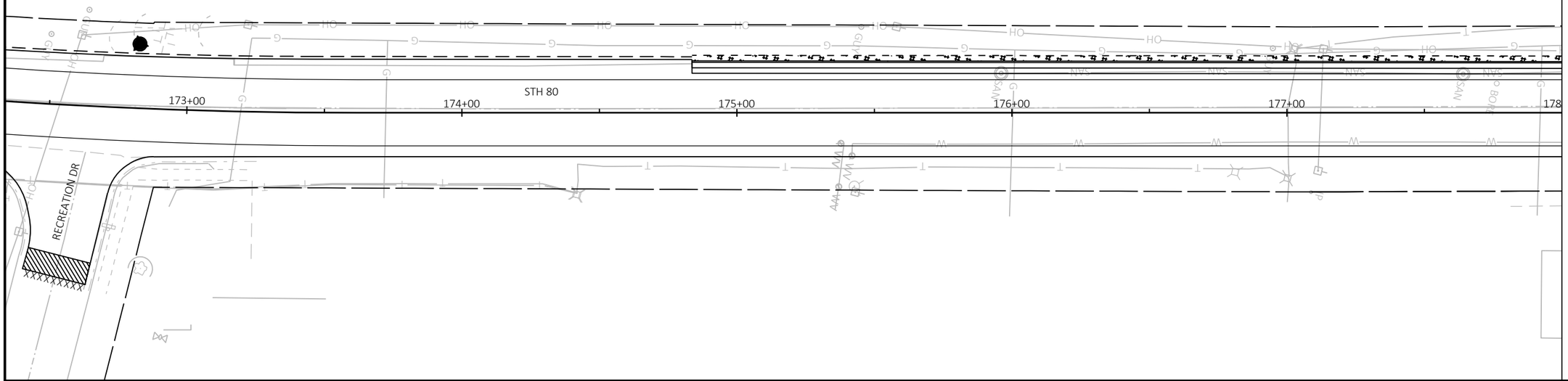
LEGEND

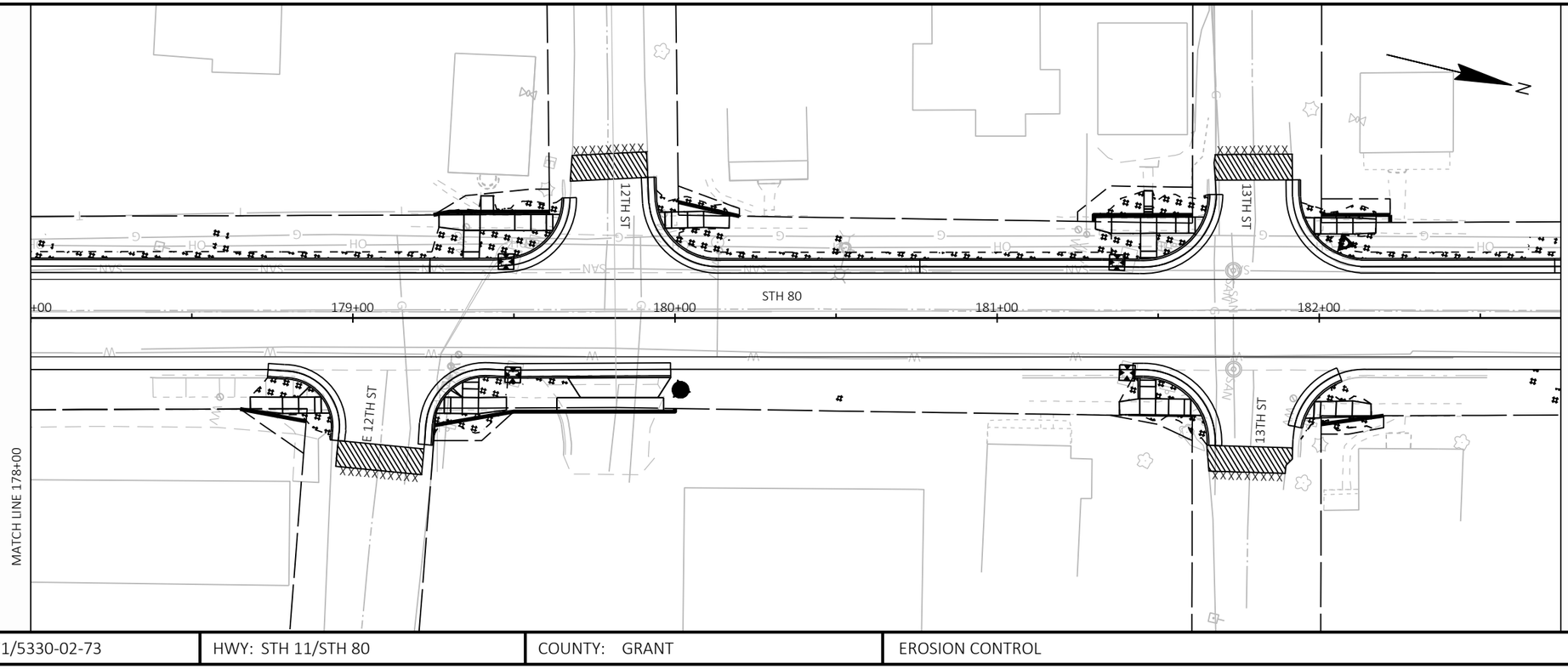
EROSION MAT CLASS I, TYPE A OR B, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B

SILT FENCE

SLOPE INTERCEPT

INLET PROTECTION TYPE C





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 103	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/23/2024 9:31 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE 182+75

MATCH LINE 187+50

MATCH LINE 187+50

MATCH LINE 192+25

14TH ST

15TH ST

16TH ST

17TH ST

18TH ST

183+00

184+00

185+00

186+00

187+00

188+00

189+00

190+00

191+00

192+00

STH 80

S MAIN ST

N

LEGEND

EROSION MAT CLASS I, TYPE A OR B, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B

SILT FENCE

SLOPE INTERCEPT

INLET PROTECTION TYPE C

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 104	E

2

2

MATCH LINE 192+25

MATCH LINE 197+00

STH 80

19TH ST

PINE ST

19TH ST

20TH ST

LEGEND

EROSION MAT CLASS I, TYPE A OR B, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B

SILT FENCE

SLOPE INTERCEPT

INLET PROTECTION TYPE C

STH 11

496+00

STH 11/80

STH 80

198+00

199+00

200+00

201+00

215T ST

21ST ST

CTH W

MATCH LINE 197+00

MATCH LINE 201+75

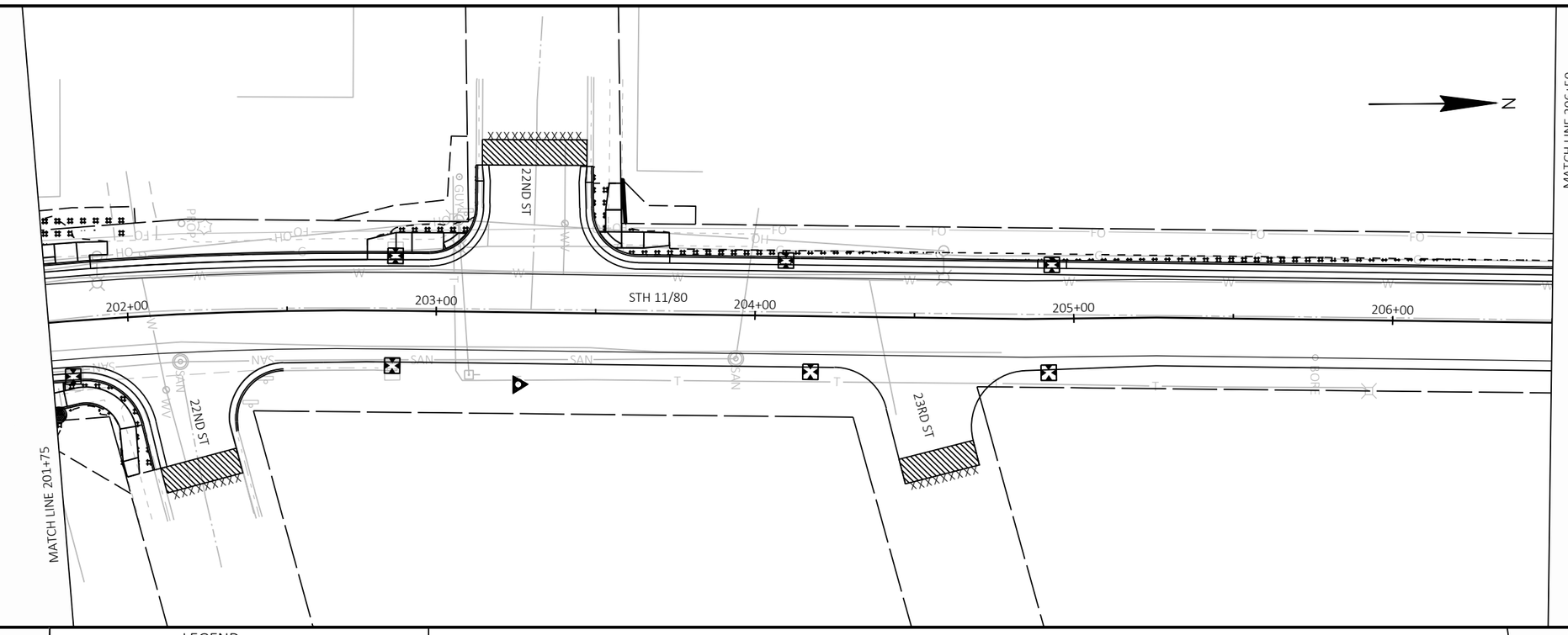
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 105	E

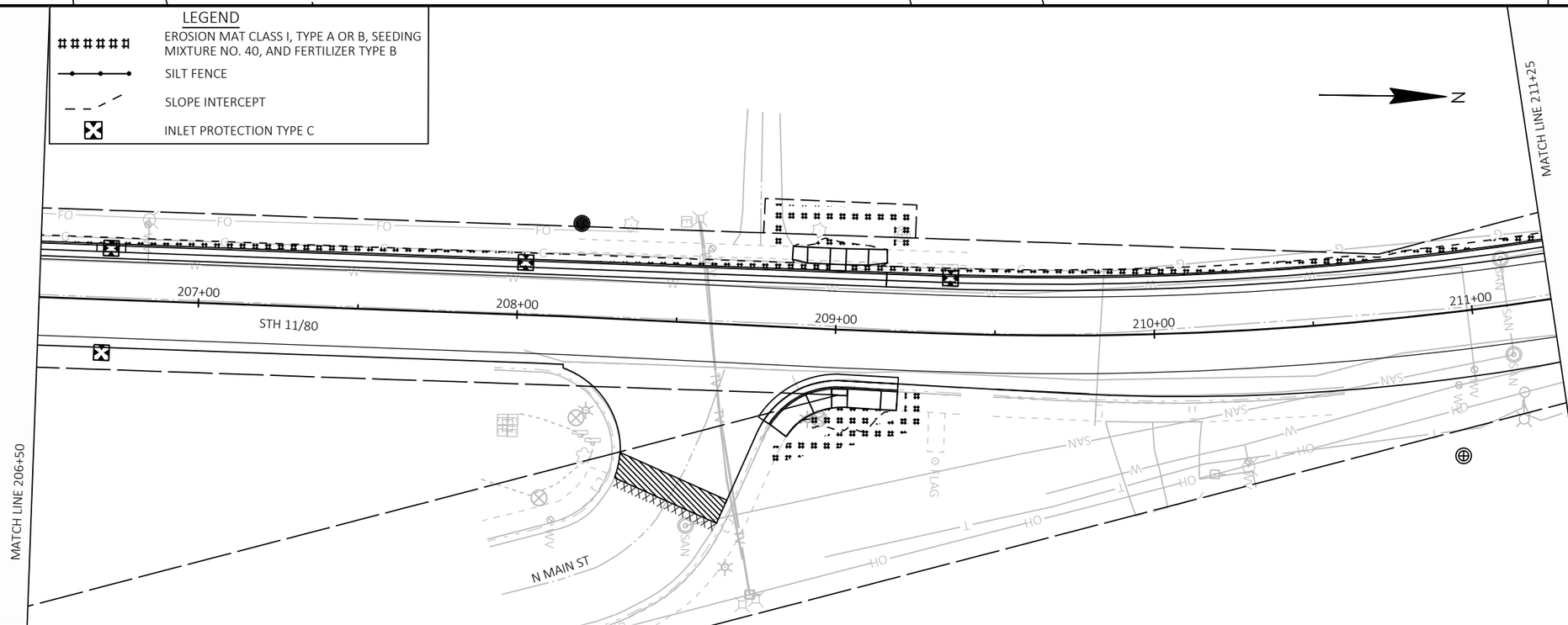
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 10/23/2024 9:33 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 106	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 04

PLOT DATE : 10/23/2024 9:33 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

EROSION MAT CLASS I, TYPE A OR B, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B

SILT FENCE

SLOPE INTERCEPT

INLET PROTECTION TYPE C

N

MATCH LINE 211+25

26TH ST

27TH ST

MATCH LINE 216+00

212+00

213+00

214+00

STH11/80

215+00

216

N

27TH ST

28TH ST

MATCH LINE 220+75

MATCH LINE 216+00

217+00

STH11/80

218+00

219+00

220+00

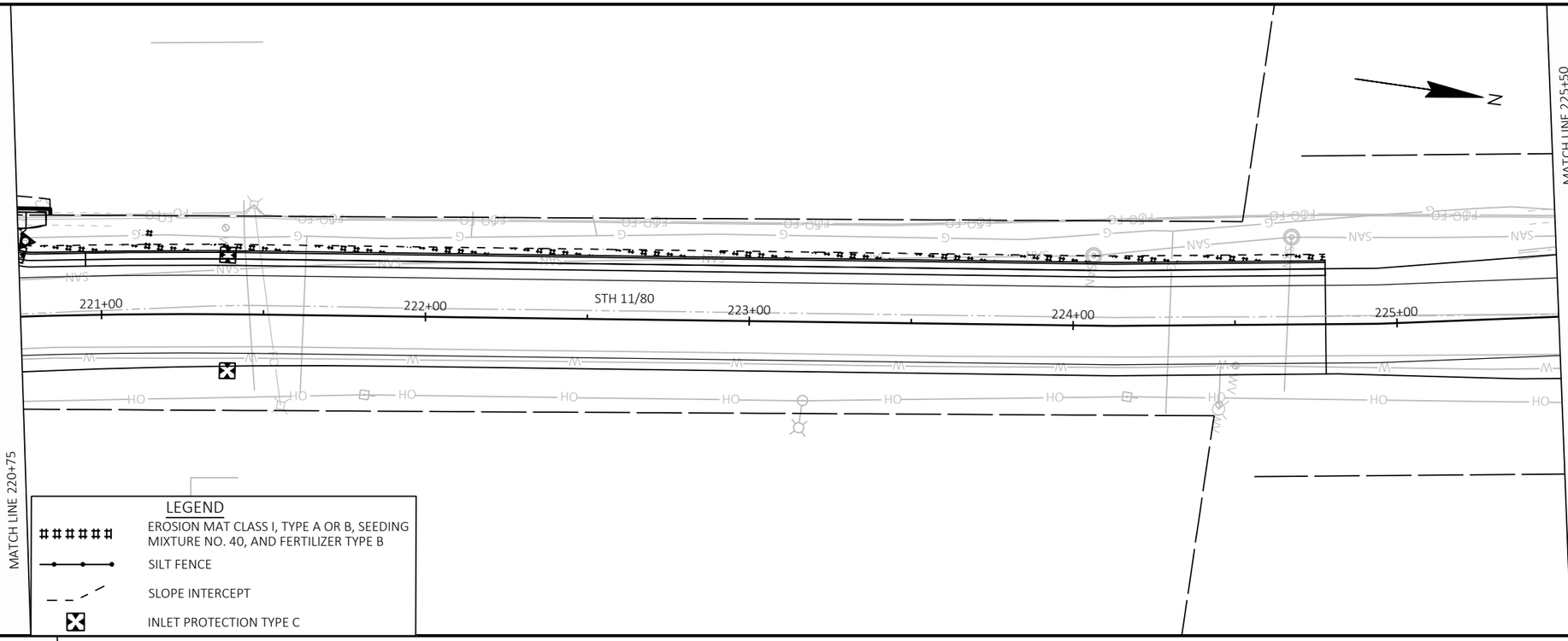
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 107	E

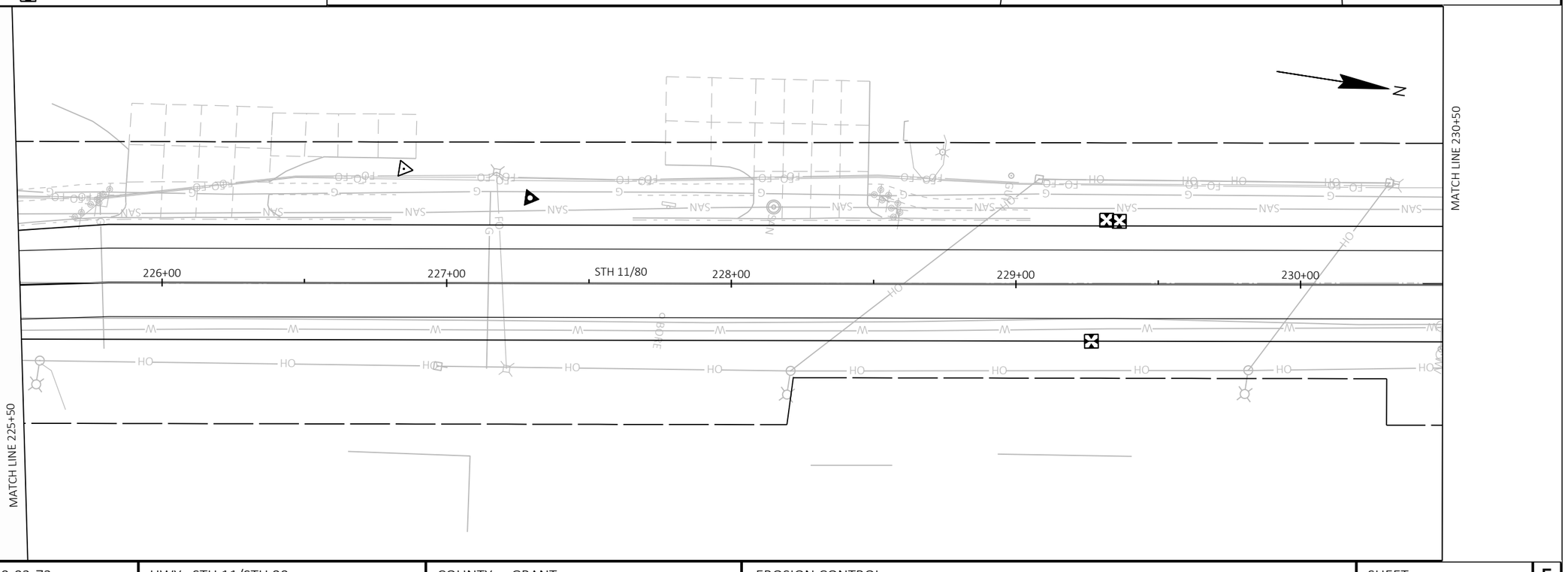
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 10/23/2024 9:33 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 108	E

2

2

MATCH LINE 230+50

MATCH LINE 236+00

231+00 232+00 STH 11/80 233+00 234+00 235+00 236

LEGEND

EROSION MAT CLASS I, TYPE A OR B, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B

SILT FENCE

SLOPE INTERCEPT

INLET PROTECTION TYPE C

MATCH LINE 236+00

+00 237+00 238+00 STH 11/80 239+00 240+00 241+00

FREIBURGER LN

DESIGNER NOTE: FOR EROSION CONTROL AT TURN LANE, SEE CONSTRUCTION DETAILS.

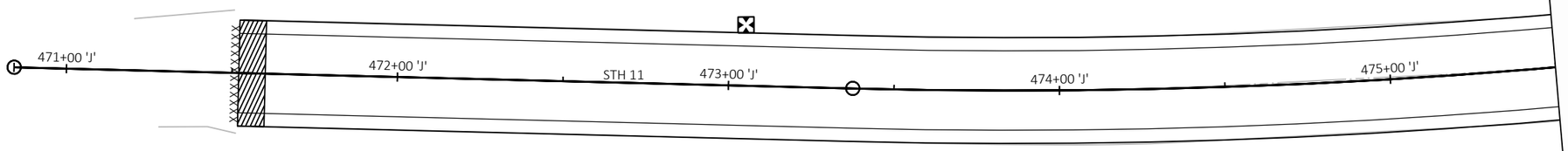
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 109	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 10/23/2024 9:34 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

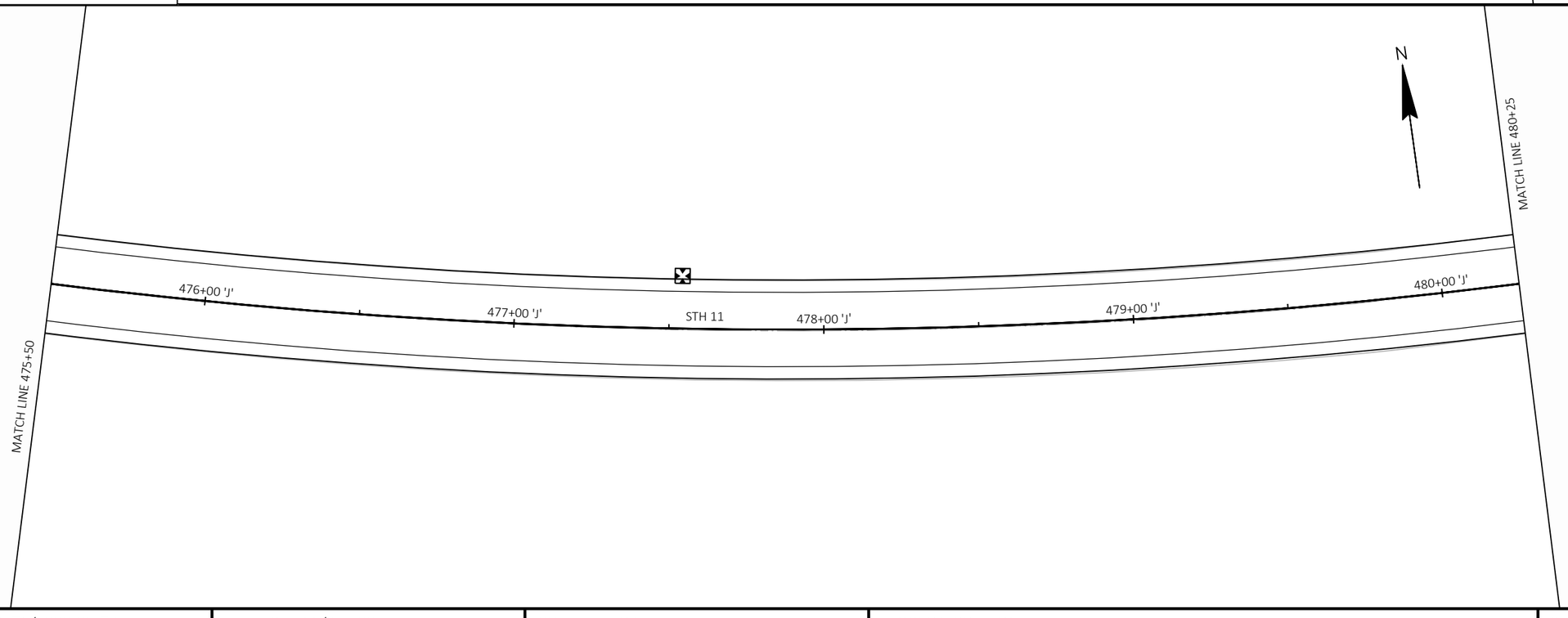
WISDOT/CADDS SHEET 44

2



LEGEND

- EROSION MAT CLASS I, TYPE A OR B, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION TYPE C



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 110	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 08

PLOT DATE : 10/23/2024 9:35 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

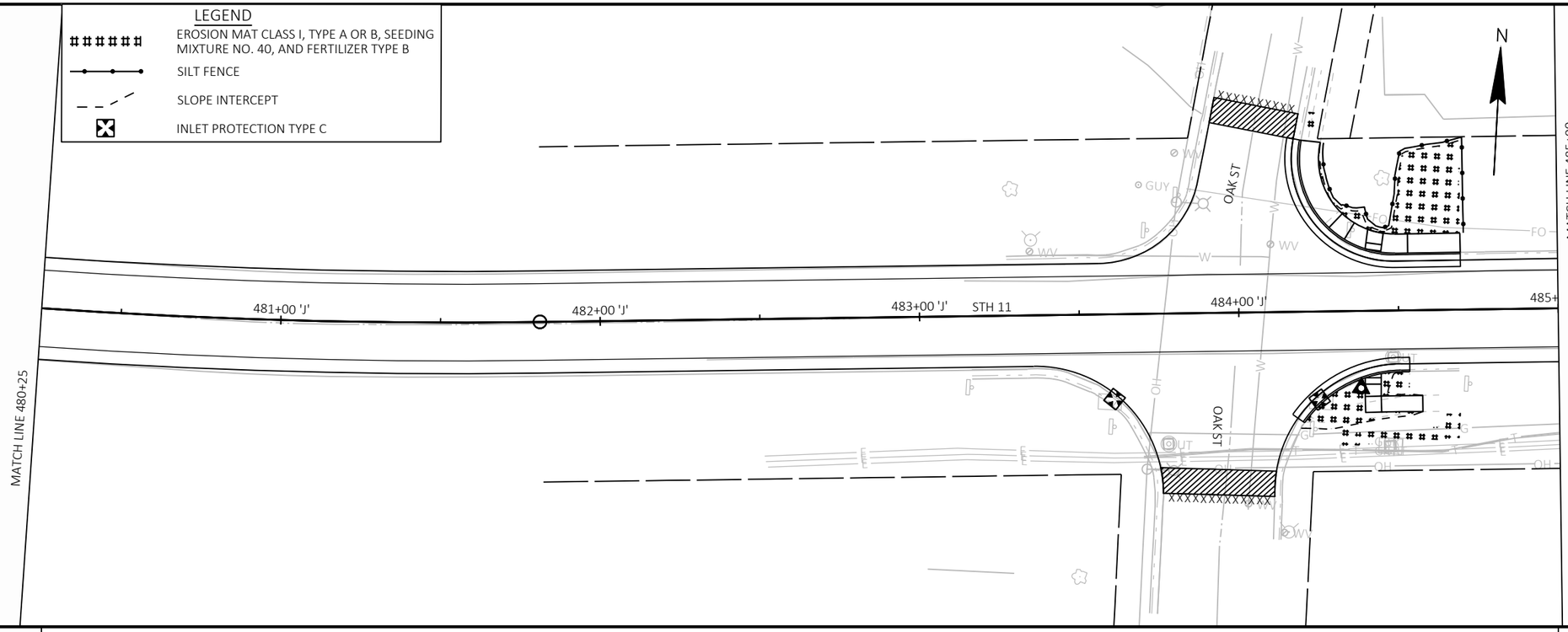
LEGEND

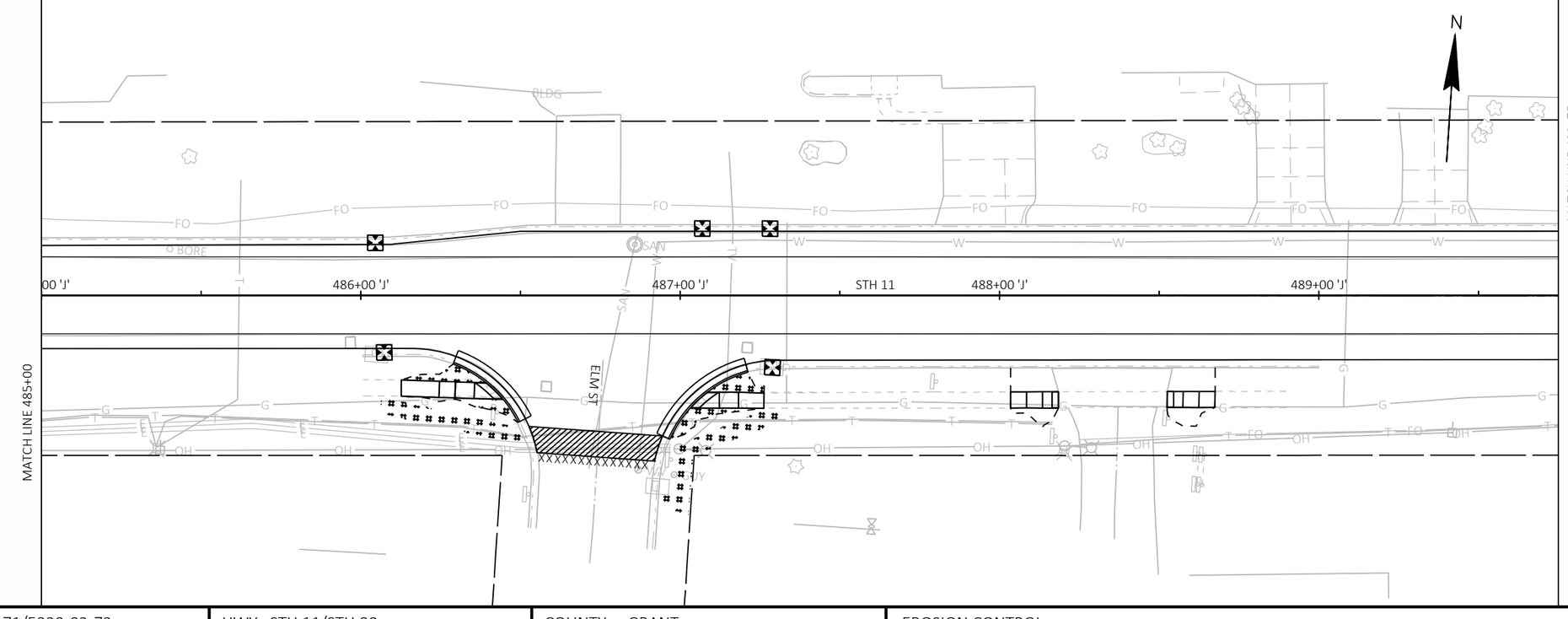
EROSION MAT CLASS I, TYPE A OR B, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B

SILT FENCE

SLOPE INTERCEPT

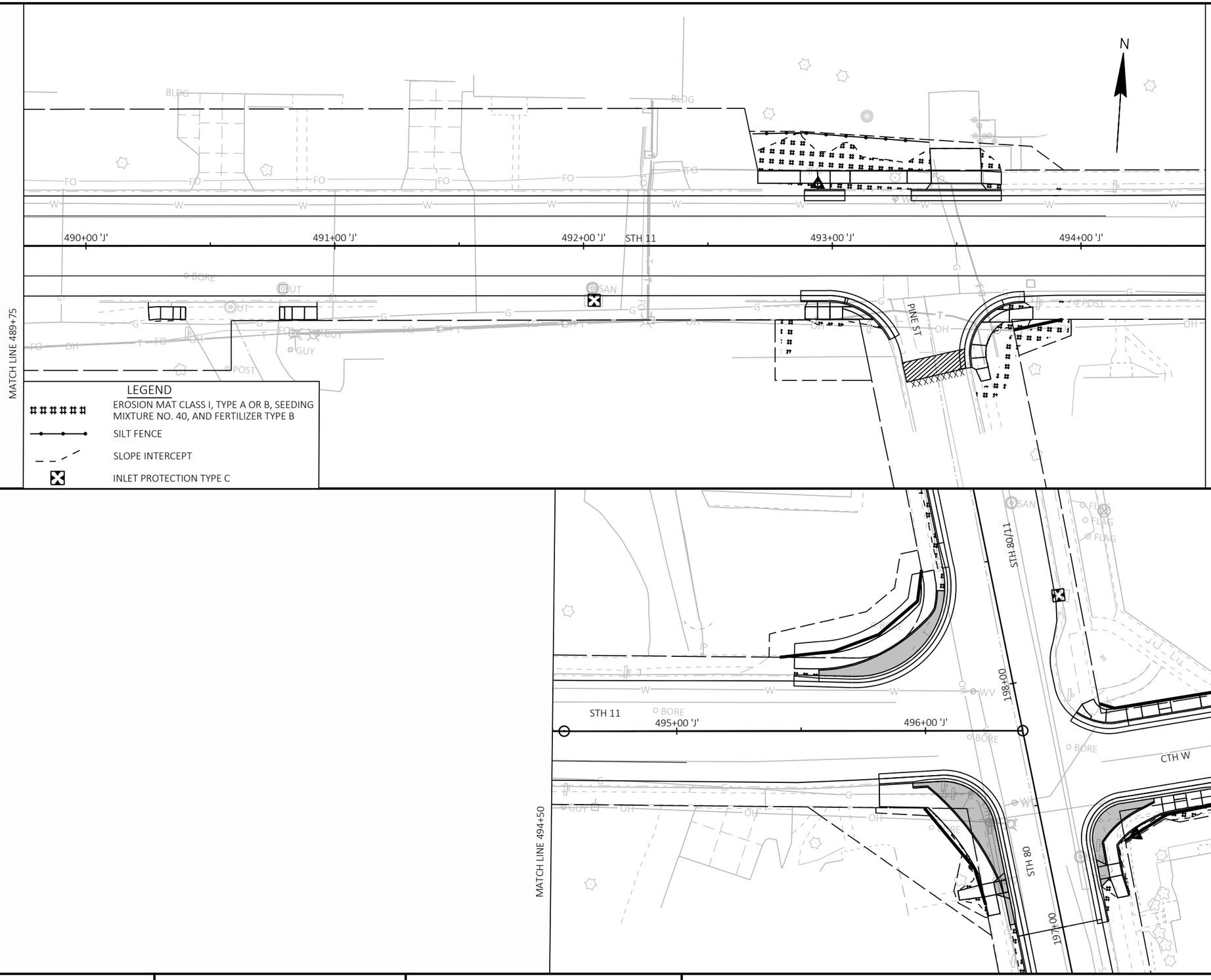
INLET PROTECTION TYPE C





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 111	E

2



2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	EROSION CONTROL	SHEET 112	E

2

2

N

HISTORICAL MARKER
ESTR

103+00 104+00 105+00 106+00 107+00 108+00

STH 80

STOP
ESTR

Wisconsin
Grant Co
ESTR

STOP
ESTR

HISTORICAL MARKER
ESTR

NORTH 80
ESTR

STOP
ESTR

ADOPT A HIGHWAY
ESTR

MATCH LINE 108+25

MATCH LINE 108+25

N

109+00 110+00 111+00 STH 80 112+00 113+00 114

STOP
ESTR

MATCH LINE 114+00

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 113	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 01

PLOT DATE : 11/1/2024 11:41 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 114+00

N

ESTR

ESTR

+00

115+00

116+00

117+00

118+00

119+00

STH 80

MATCH LINE 119+75

Hazel Green 2
Platteville 16

ESTR

MATCH LINE 119+75

N

120+00

121+00

122+00

123+00

124+00

125+00

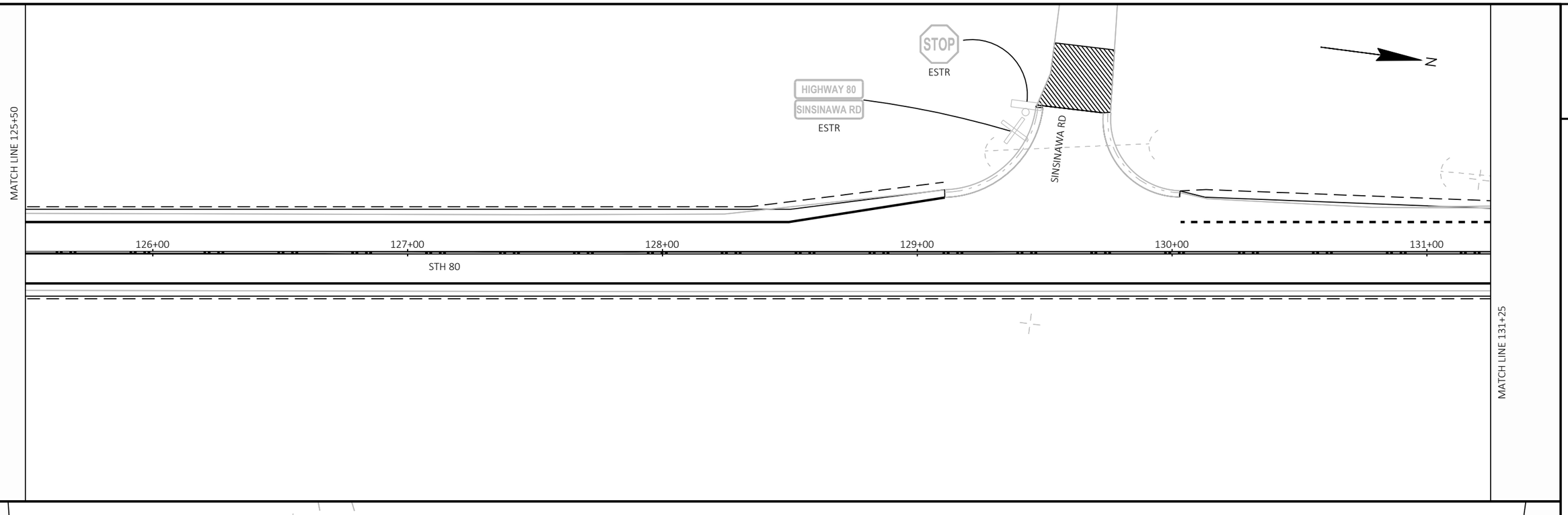
STH 80

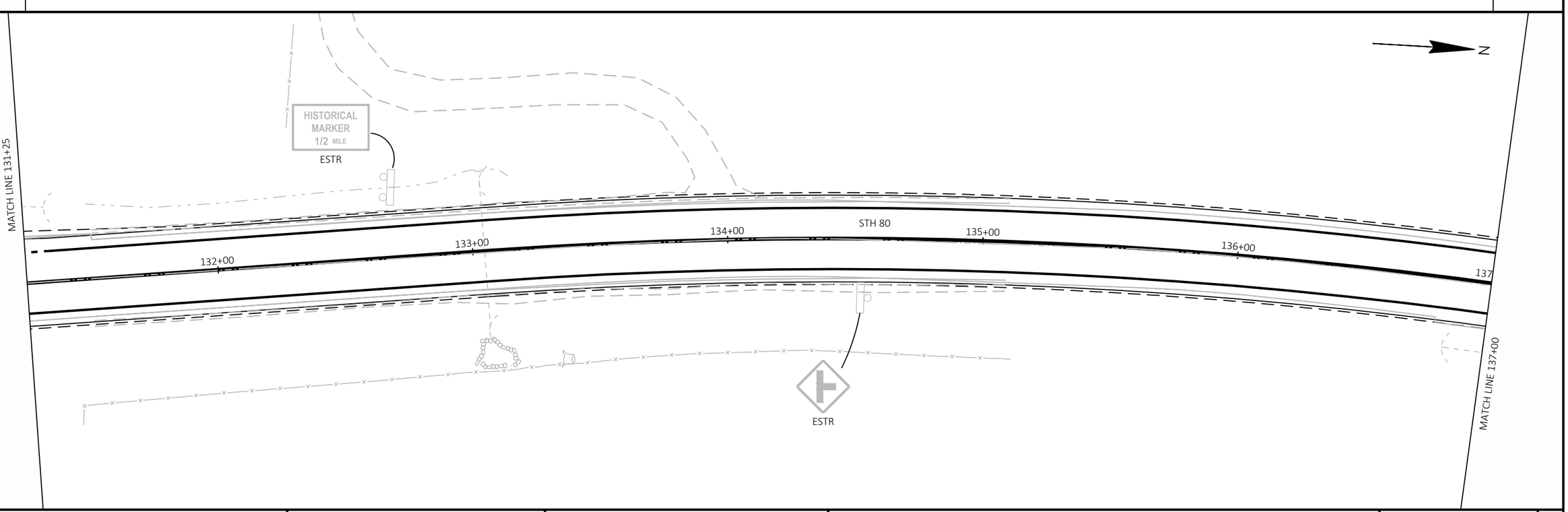
MATCH LINE 125+50

ESTR

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 114	E

2





2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 115	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 03
PLOT DATE : 11/1/2024 11:42 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

MATCH LINE 137+00

+00

138+00

139+00

STH 80

140+00

141+00

142+00

MATCH LINE 142+75

N

MATCH LINE 142+75

143+00

144+00

145+00

146+00

147+00

148+00

STH 80

MATCH LINE 148+50

BUNCOMBE RD

STOP

4M-01

HWY 80

BUNCOMBE RD

MOVE BY OTHERS

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 116	E

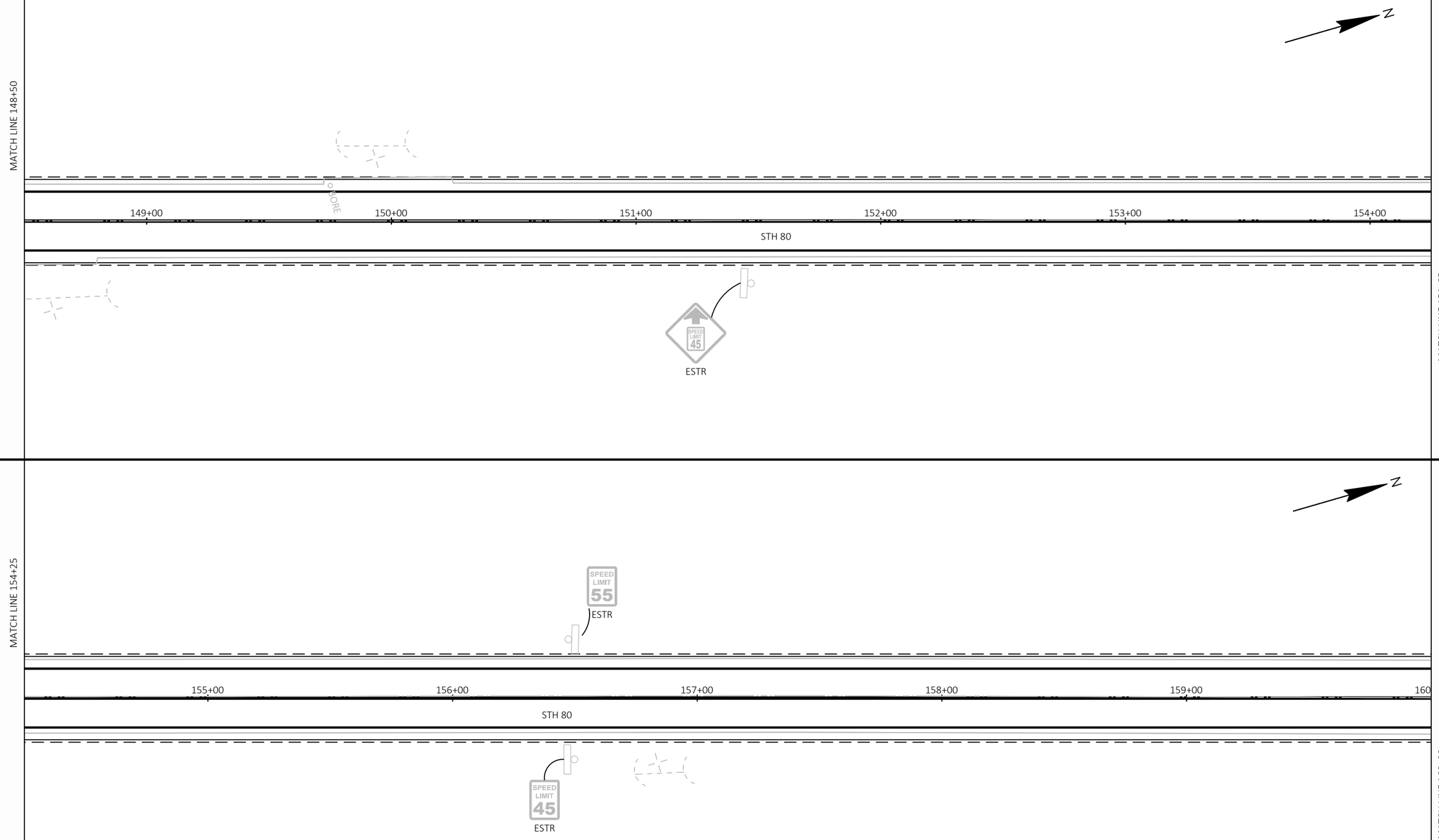
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 04

PLOT DATE : 11/1/2024 11:42 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

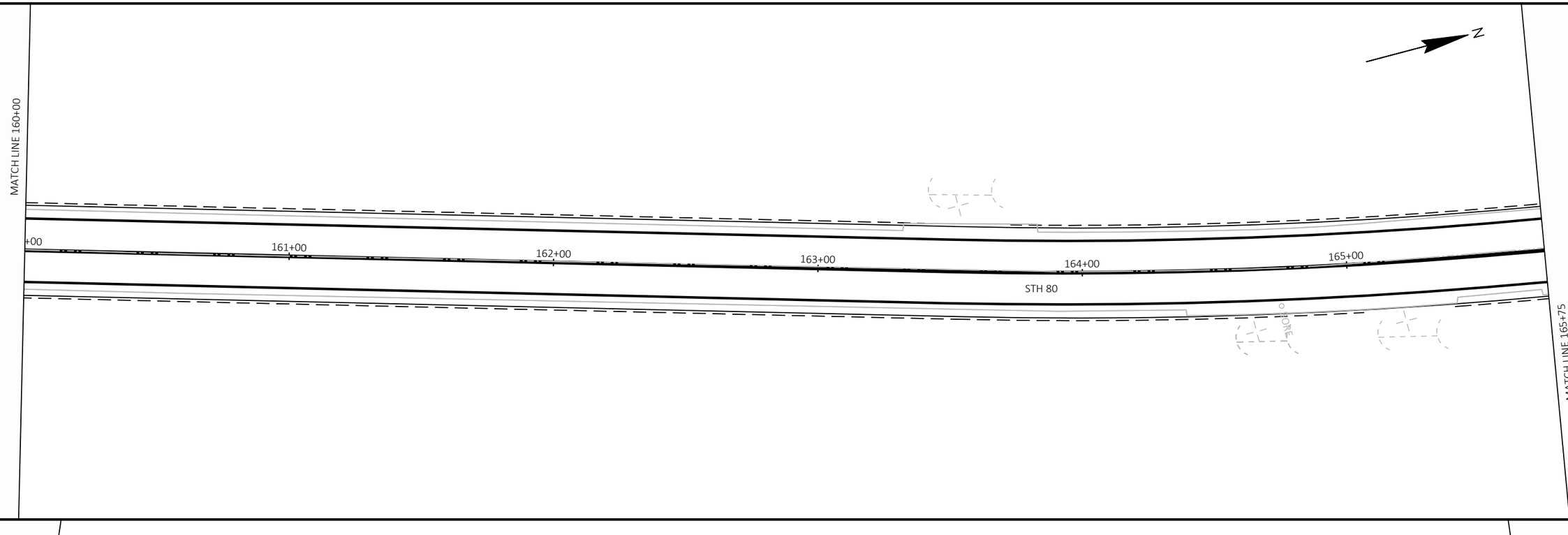
MATCH LINE 148+50

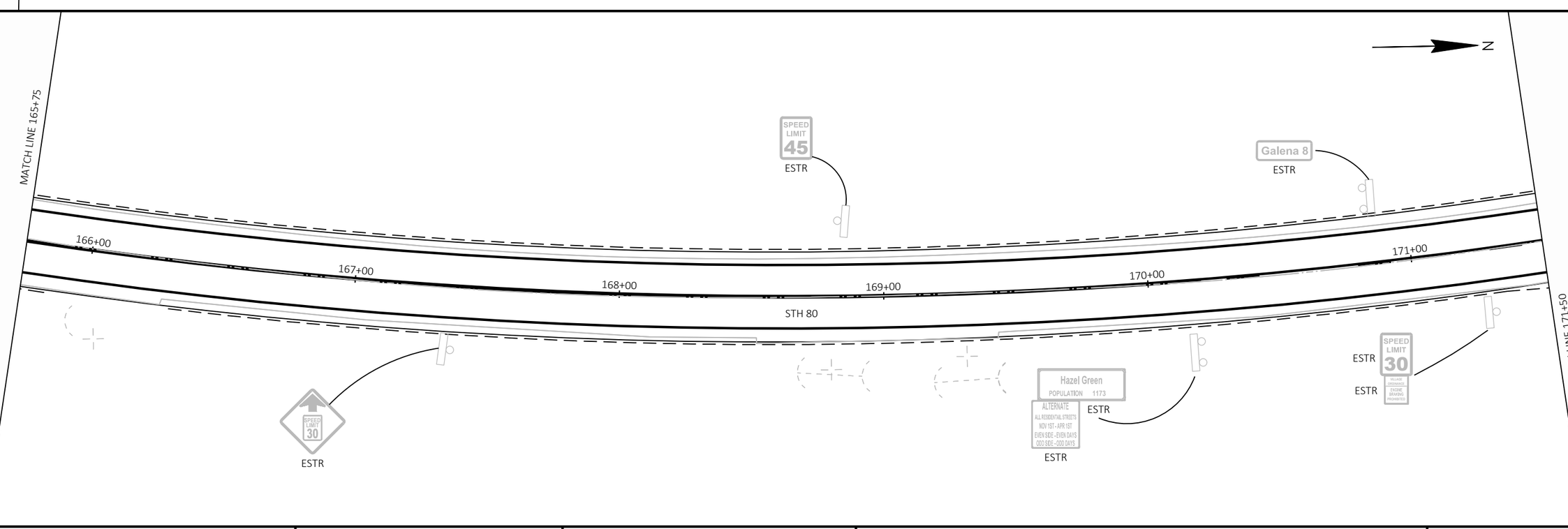


2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 117	E

2





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 118	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 06

PLOT DATE : 11/1/2024 11:43 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCH LINE 171+50

SOUTH 80 ESTR

7M-03 NO PARKING ANY TIME

172+00 173+00 174+00 175+00 176+00 177+00

STH 80

ESTR NO SOLICITING WITHOUT PERMIT

ESTR ALL HAZEL GREEN VILLAGE STREETS ARE ATV ROUTES UNLESS POSTED

Recreation Dr ESTR

RECREATION DR

STOP ESTR

7M-01 NO PARKING ANY TIME

7M-02 NO PASSING ZONE

SPEED LIMIT 30 ESTR

NO PARKING ANY TIME ESTR

MATCH LINE 177+25

2

MATCH LINE 177+25

7M-04 NO PARKING ANY TIME

S PERCIVAL ST 12TH ST MOVE BY OTHERS

STOP ESTR

12TH ST

178+00 179+00 180+00 181+00 182+00 183

STH 80

STOP 7M-05

12TH ST

7M-07 NO PARKING ANY TIME

7M-06 SPEED LIMIT 30

S PERCIVAL ST 13TH ST MOVE BY OTHERS

STOP 7M-08

13TH ST

7M-10 NO PARKING ANY TIME

DEAD END MOVE BY OTHERS

STOP 7M-09

13TH ST

Business District ESTR

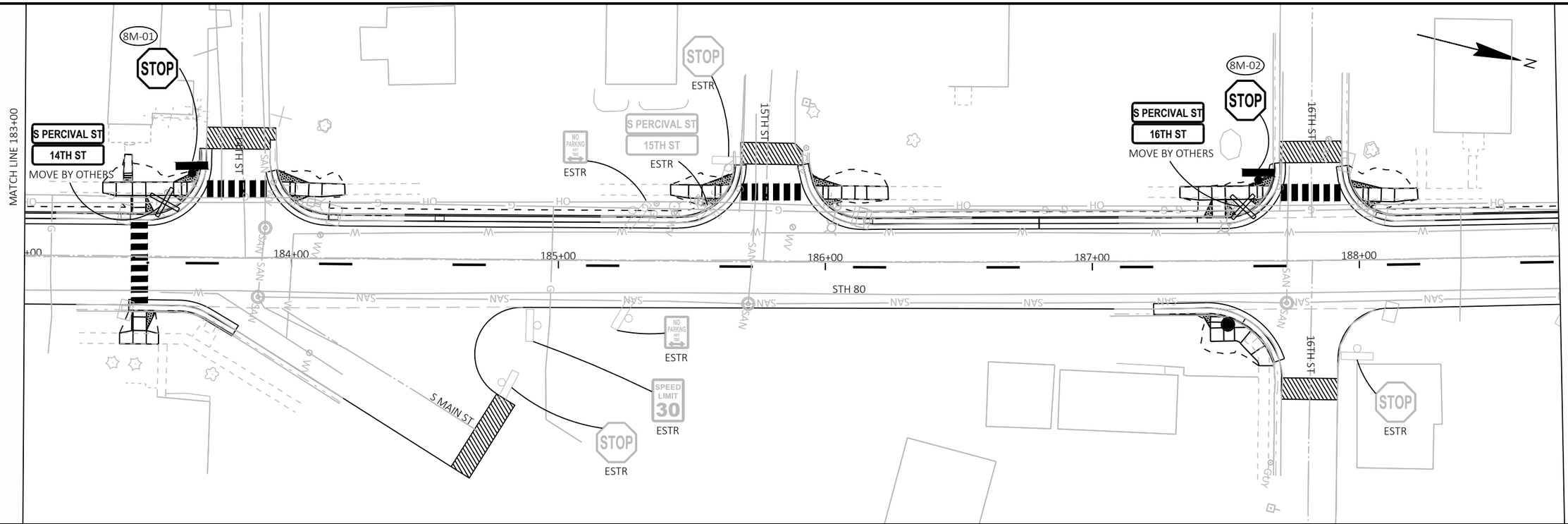
MATCH LINE 183+00

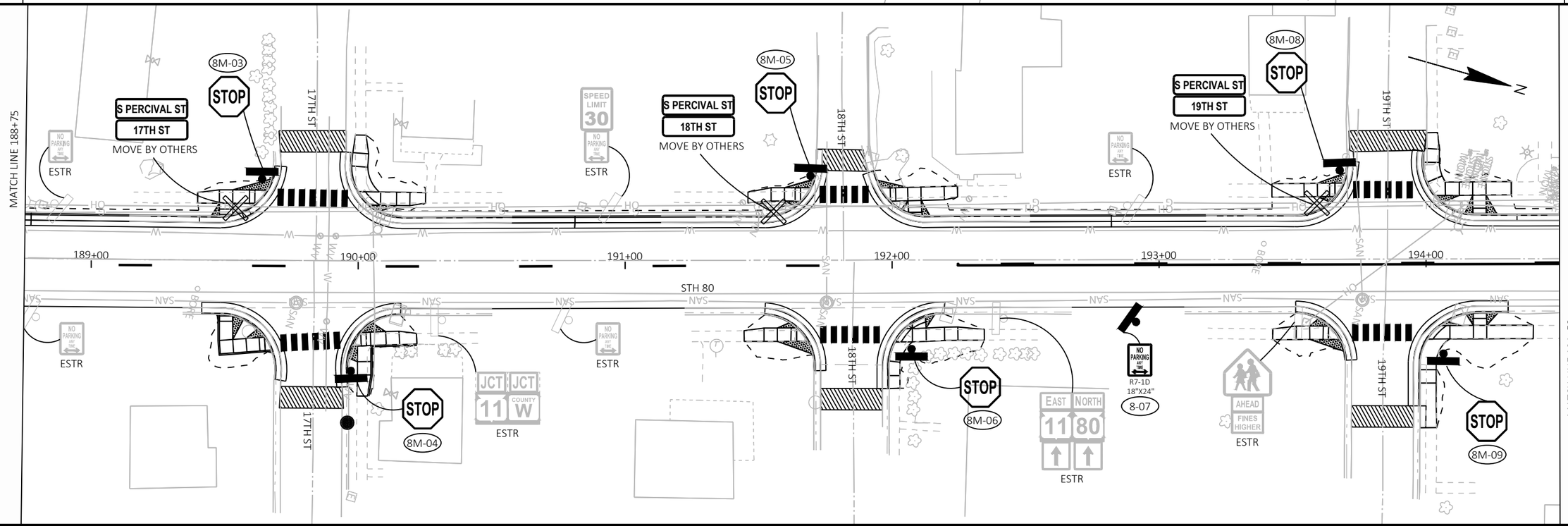
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 119	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 07

PLOT DATE : 11/1/2024 11:43 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 120	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 08
PLOT DATE : 11/1/2024 11:44 AM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 194+50

9M-02 SOUTH 80

9M-07

9M-05 SPEED LIMIT 30 END SCHOOL ZONE

9M-06

NO PARKING ANY TIME ESTR

20TH ST
S PERCIVAL ST
MOVE BY OTHERS

9M-08 STOP

DO NOT ENTER WRONG WAY ESTR

ESTR

9-11 NO PARKING ANY TIME R7-1D 18"X24" REMOVE

9M-15

9M-16

9M-17 STOP CROSS TRAFFIC DOES NOT STOP

9M-18

FAIRPLAY ST
S PERCIVAL ST
MOVE BY OTHERS

MATCHLINE 495+50'J'

STH 11

496+00 'J'

WEST COUNTY W 11

9M-20

ESTR

9R-22 SOUTH 80 WEST 11 REMOVE

9M-25 STOP

21ST ST

N

195+00

196+00

197+00

198+00

199+00

200+00

STH 80

STH 11/STH 80

20TH ST

WEST 11 REMOVE

WEST 11 SECOND LEFT J2-1 24"X57"

9-01

NO PARKING ANY TIME R7-1D 18"X24"

9-03

SCHOOL SPEED LIMIT 20 WHEN CHILDREN ARE PRESENT REMOVE

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT S4-51 24"X48"

9-04

9M-09 STOP

WEST 11 COUNTY W

9M-10

9M-12

9M-13

9-14

NO PARKING ANY TIME R7-1R 18"X24"

CTH W

STOP CROSS TRAFFIC DOES NOT STOP ESTR

11 80

9M-35

EAST 11 80

9M-19

EAST NORTH 11 80

9M-21

ONE WAY 9M-23

ONE WAY 9M-24

N PERCIVAL ST
21ST ST
MOVE BY OTHERS

ONE WAY 9M-26

ONE WAY 9M-27

NO PARKING ANY TIME 9M-28

MATCH LINE 200+25

9-32 SOUTH 80 WEST 11 SECOND RIGHT J2-2 48"X57"

ESTR AHEAD FINES HIGHER

22ND ST ESTR

STOP ESTR

ESTR

9M-34 JCT COUNTY W

22ND ST

ESTR

ESTR

Galena
Dubuque
NO PARKING ANY TIME ESTR

9M-31 SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT

MATCH LINE 200+25

201+00

202+00

203+00

204+00

205+00

206+00

STH 11/STH 80

22ND ST

STA BACK = 202+95.14

STA AHEAD = 202+97.37

STOP ESTR

N PERCIVAL ST
22ND ST
ATV ROUTE ESTR

NO PARKING ANY TIME R7-1D 18"X24"

9-33

23RD ST

STOP ESTR

N PERCIVAL ST
23RD ST ESTR

NO PARKING ESTR

SPEED LIMIT 30 END SCHOOL ZONE 9M-29 9-30 S5-2 24"X30"

MATCH LINE 206+25

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 121	E

2

MATCH LINE 206+25

10M-01
WEST 11 SOUTH 80

207+00 208+00 209+00 STH 11/STH 80 210+00 211+00 212+00

SPEED LIMIT 30
NO PARKING ANY TIME
ESTR

N PERCIVAL ST
N MAIN ST
STOP
ESTR

AHEAD
ESTR

MATCH LINE 212+25

10M-02
STOP

N PERCIVAL ST
26TH ST
MOVE BY OTHERS

10M-06
10M-07

Business District
ESTR

26TH ST

NO PARKING ANY TIME
ESTR

10M-08
STOP

27TH ST

N PERCIVAL ST
27TH ST
MOVE BY OTHERS

AHEAD
MOVE TO STA 219+50

10M-10
NO PARKING ANY TIME

STOP
ESTR

28TH ST

MATCH LINE 212+25

213+00 214+00 215+00 216+00 217+00 218+00

STH 11/STH 80

NO PARKING ANY TIME
ESTR

10M-03
STOP

10M-04
10M-05

SPEED LIMIT 30
ESTR

NO PARKING ANY TIME
ESTR

26TH ST

27TH ST

10M-09
STOP

NO PARKING ANY TIME
ESTR

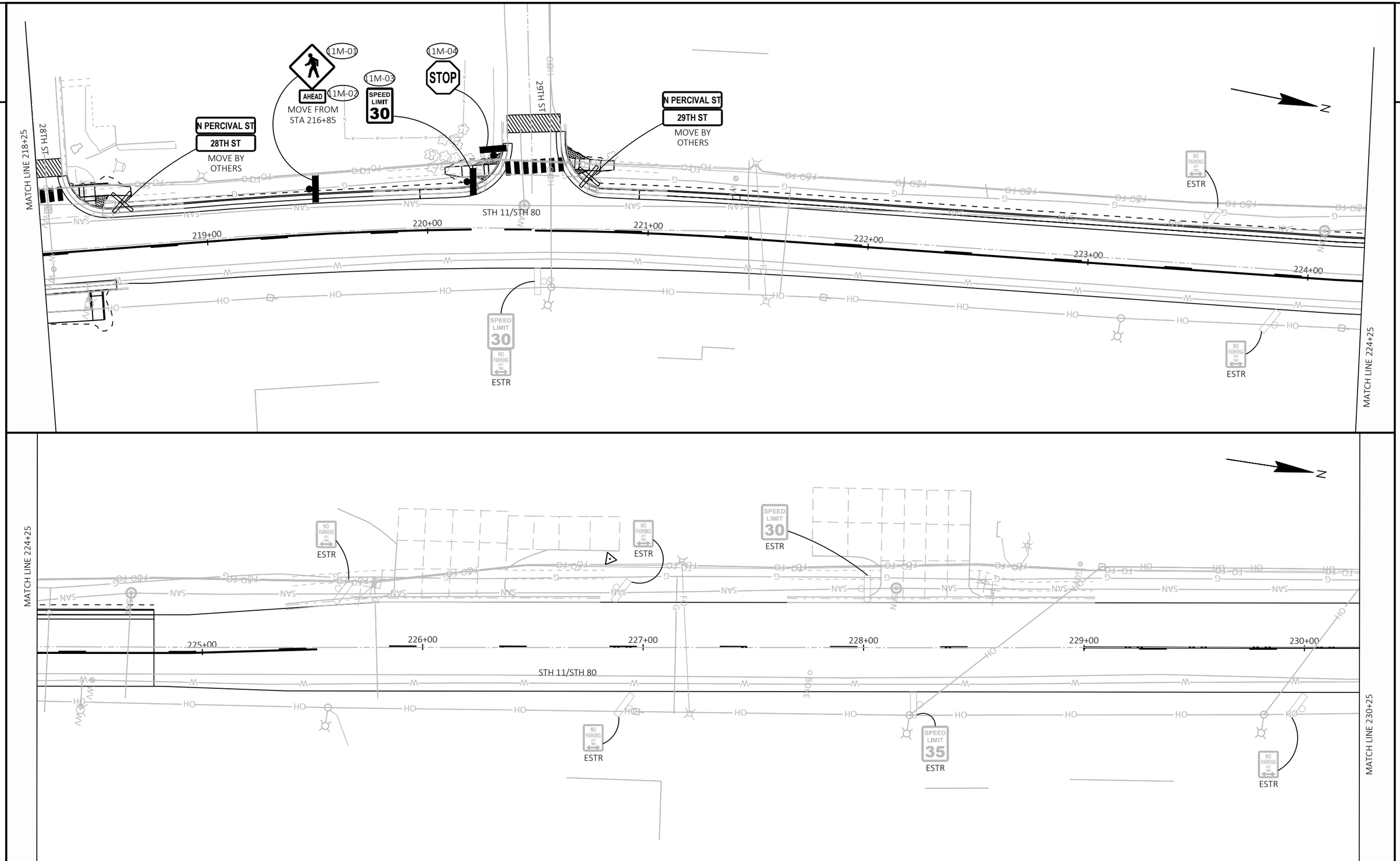
MATCH LINE 218+25

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 122	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 10

PLOT DATE : 11/1/2024 11:44 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 123	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 11
PLOT DATE : 11/1/2024 11:45 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 230+25

N

SPEED LIMIT 35
ESTR

231+00 232+00 233+00 234+00 235+00 236+00

STH 11/STH 80

SPEED LIMIT 35
NO PARKING ANY TIME
ESTR

MATCH LINE 236+25

2

MATCH LINE 236+25

N

DARE
ALL HAZEL GREEN VILLAGE STREETS ARE ATV ROUTES UNLESS POSTED
ESTR

SPEED LIMIT 35
ESTR

STH 11/STH 80

237+00 238+00 239+00 240+00 241+00 242+00

FREIBURGER LN
N PERVICAL ST
MOVE BY OTHERS

STOP
12M-01

ESTR

YOUR SPEED 00
ESTR

SPEED LIMIT 35
ESTR

MATCH LINE 242+25

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 124	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 12

PLOT DATE : 11/1/2024 11:45 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCH LINE 242+25

N

243+00 244+00 245+00 246+00 247+00 248+00

STH 11/STH 80

NO PARKING ANY TIME

ESTR

N PERCIVAL ST

LEADMINE ST

ESTR

LEADMINE ST

STOP

13M-01

Louisburg Rd

13M-02

MATCH LINE 248+25

2

MATCH LINE 248+25

SPEED LIMIT 35

ESTR

Hazel Green

POPULATION 1173

ESTR

GUY

STOP

ESTR

LOUISBURG RD

WEIGHT LIMIT CLASS B

ESTR

LOUISBURG RD

HWY 80

ESTR

N

249+00 250+00 251+00 252+00 253+00 254+00

GUY

STH 11/STH 80

SPEED LIMIT 55

13M-03

NO PASSING ZONE

REMOVE

13R-04

EAST NORTH

11 80

13M-05

MATCH LINE 254+25

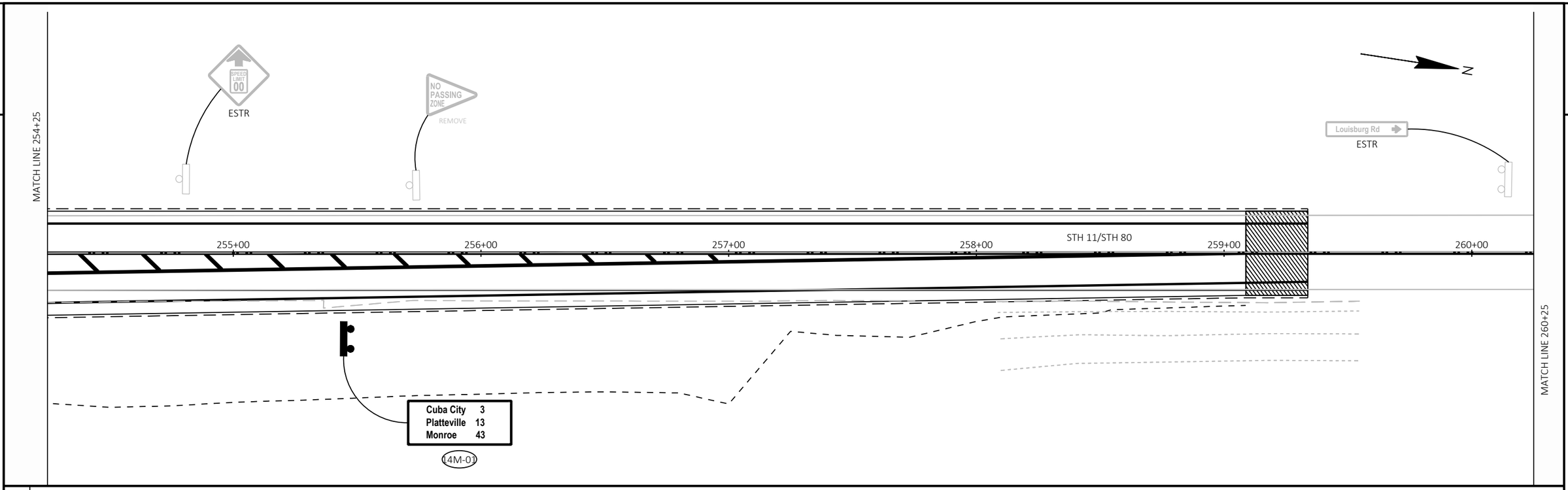
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 125	E

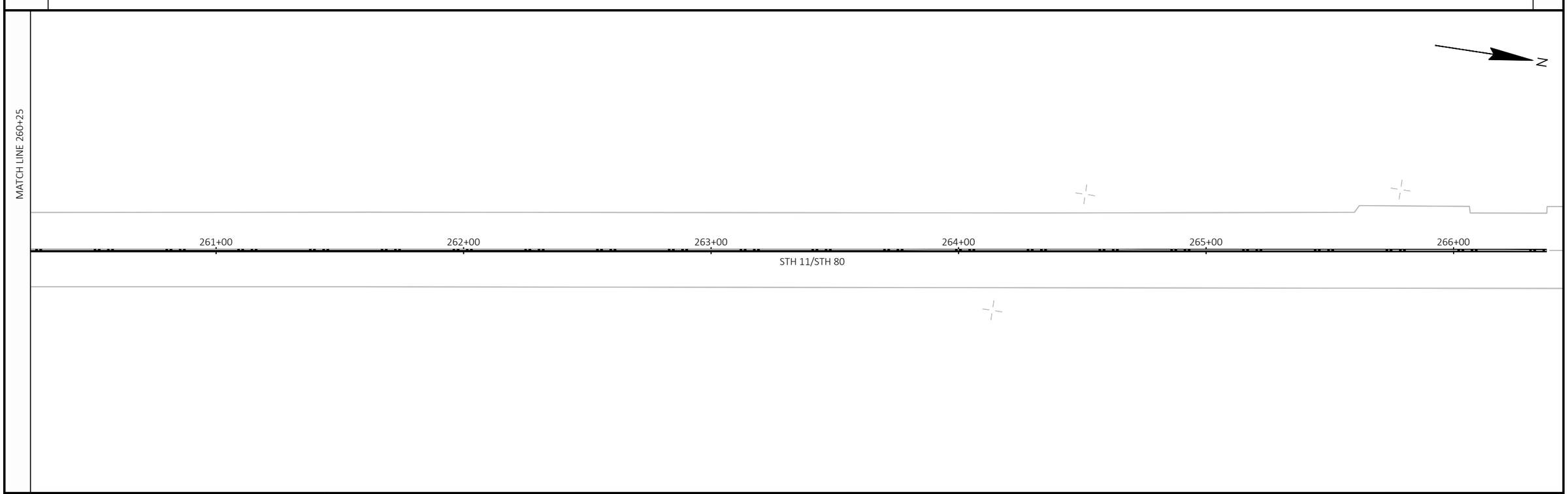
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 13

PLOT DATE : 11/1/2024 11:46 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

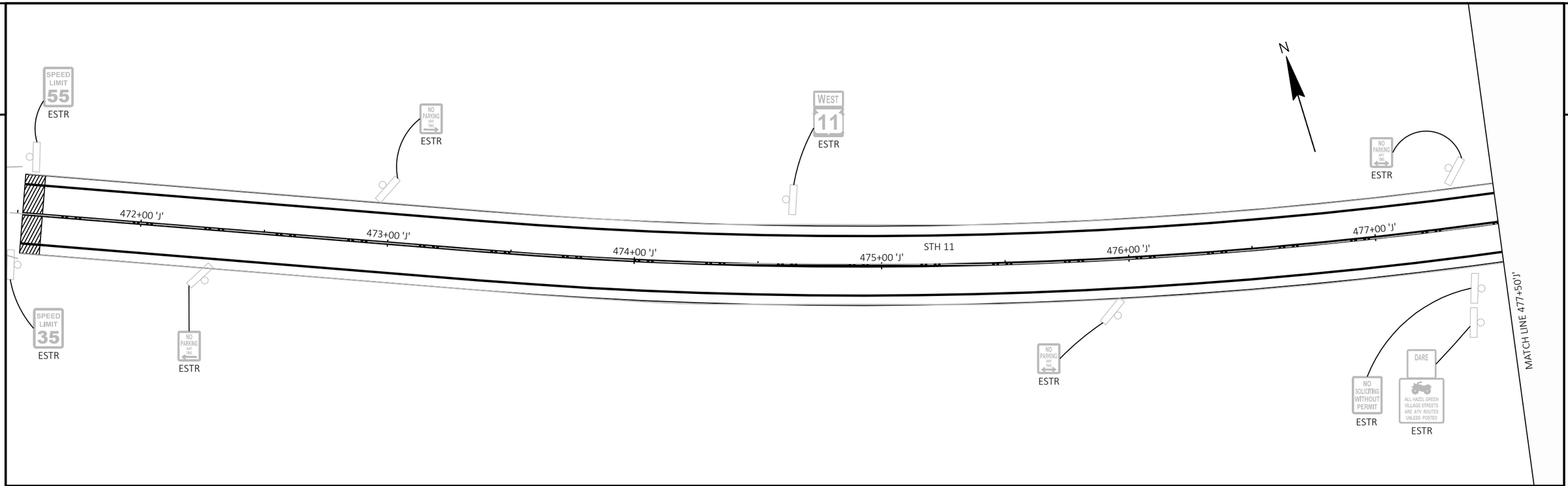
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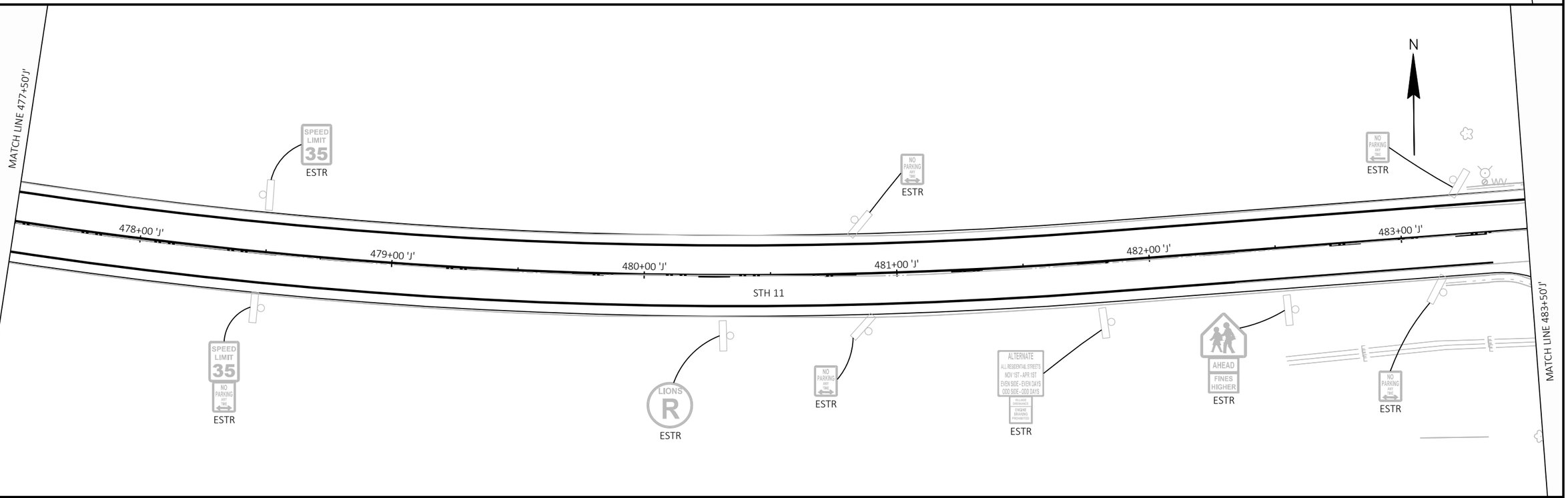




PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 126	E

2





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 127	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 15
PLOT DATE : 11/1/2024 11:46 AM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 483+50'J'

MATCH LINE 489+50'J'

STOP
ESTR

ADOPT A HIGHWAY
MIDWEST ONE BANK
PLATTEVILLE
CUBA CITY
ESTR

OAK ST
FAIRPLAY ST
MOVE BY OTHERS

16M-02

NO PARKING ANY TIME

SPEED LIMIT 35
END SCHOOL ZONE
ESTR

OAK ST

BLDG

FO

W

WV

BORE

STH 11

SAN

484+00 'J'

485+00 'J'

486+00 'J'

487+00 'J'

488+00 'J'

489+00 'J'

OH

G

T

OAK ST
FAIRPLAY ST
ESTR

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
ESTR

STOP
16M-01

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
ESTR

ELM ST
FAIRPLAY ST
MOVE BY OTHERS

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
ESTR

ELM ST

GUY

STOP
ESTR

JCT 80 COUNTY W
ESTR

STOP
ESTR

N

MATCH LINE 489+50'J'

MATCH LINE 495+50'J'

BLDG

SPEED LIMIT 35
REMOVE

SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
ESTR

WEST 11
ESTR

N

490+00 'J'

491+00 'J'

492+00 'J'

493+00 'J'

494+00 'J'

495+00 'J'

STH 11

SAN

BORE

OUT

GUY

POST

STOP
ESTR

EAST 11 COUNTY W
ESTR

PINE ST
FAIRPLAY ST
MOVE BY OTHERS

ONE WAY
16M-03

ONE WAY
16M-04

PINE ST

ONE WAY
ESTR

ONE WAY
ESTR

NO PARKING ANY TIME
ESTR

NORTH 80 SOUTH 80
ESTR

CAUTION

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PERMANENT SIGNING	SHEET 128	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023202-PS.DWG
LAYOUT NAME - 16
PLOT DATE : 11/1/2024 11:47 AM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

N

STH 11 - STH 80

199+00

198+00

197+00

196+00

198+03, 23' RT - LB03
LED B - 8 - 5 - 5 - A

197+93, 22' RT - PB03

197+83, 60' RT - LB04
LED B - 8 - 5 - 5 - B

12JE+00

11JE+00

CTH W

3"

3"

3"

197+13, 22' RT - PB02

197+13, 22' RT - LB02
LED B - 8 - 5 - 5 - A

CONTROL CABINET "A"
197+10, 20' RT

STH 80

493'J'+00

494'J'+00

495'J'+00

496'J'+00

STH 11

495+83, 24' RT - LB01
LED B - 8 - 5 - 5 - B

495+88, 24' RT - PB01

CAUTION

LEGEND

- LIGHTING CONTROL CABINET
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH, UNLESS OTHERWISE NOTED
- PULL BOX (24" X 42") NON-CONDUCTIVE
- LUMINAIRE

495+42 - 55' LT - LB06
LED A - 8 - 5 - 5 - B

LUMINAIRE TYPE
MAST ARM LENGTH (FT)
BASE TYPE
POLE TYPE
CIRCUIT

HIGHWAY LIGHTING
STH 80 & STH 11
VILLAGE OF HAZEL GREEN
GRANT COUNTY

INST. NO. L-

REGION CONTACT:
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PAGE 1 OF 1

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	LIGHTING PLAN	SHEET 129	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\023601-LP.DWG
LAYOUT NAME - 023601-lp

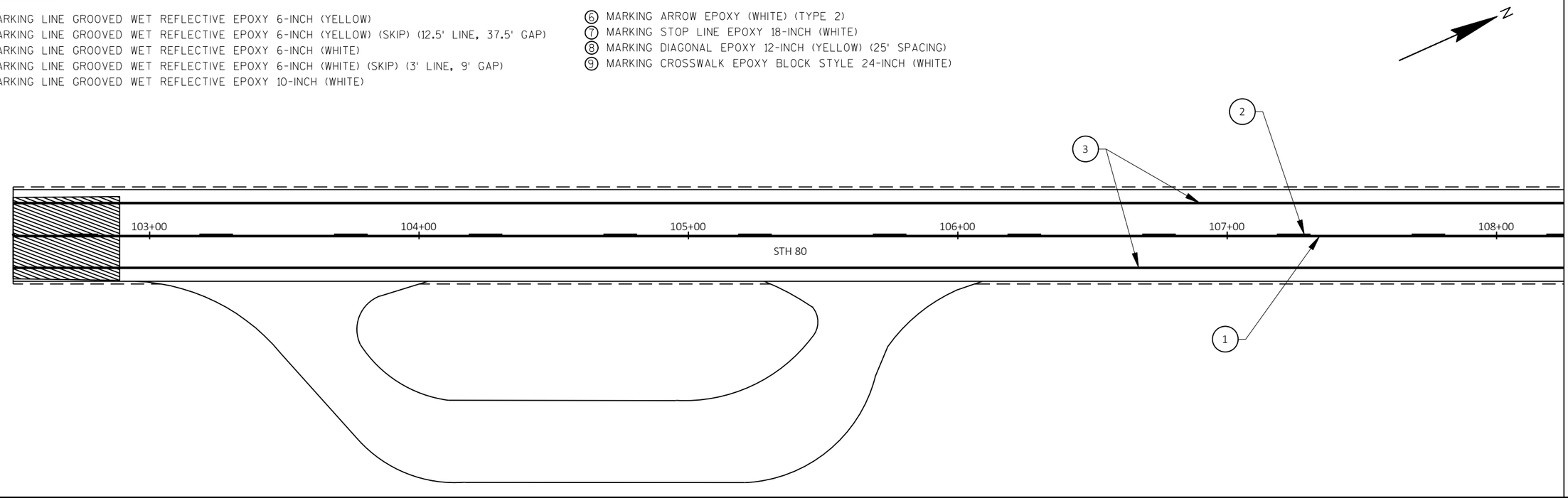
PLOT DATE : 11/1/2024 10:23 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

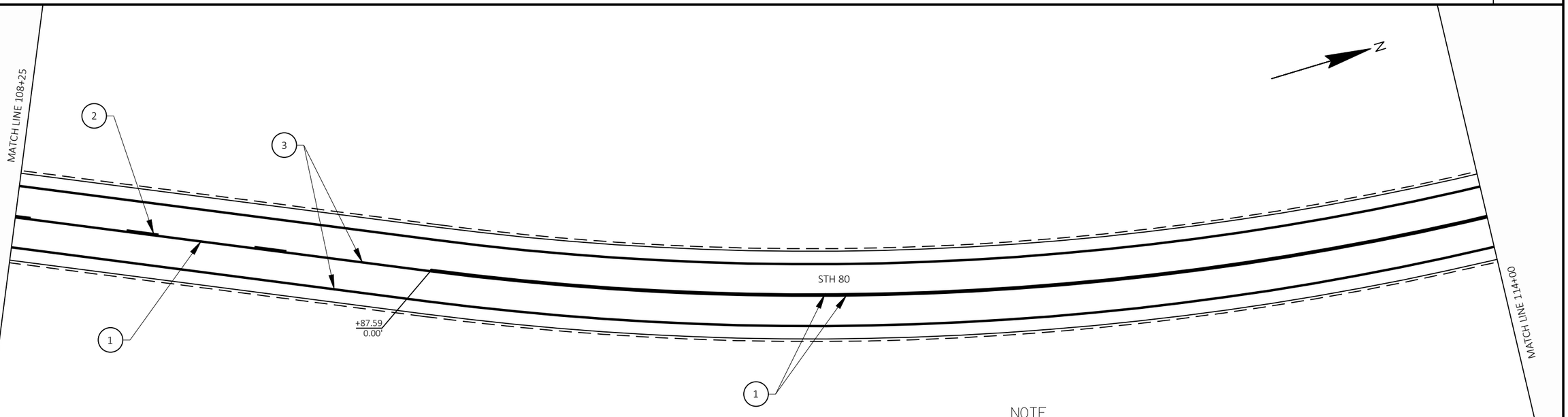
WISDOT/CADDS SHEET 42

2

LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
⑥ MARKING ARROW EPOXY (WHITE) (TYPE 2)
⑦ MARKING STOP LINE EPOXY 18-INCH (WHITE)
⑧ MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
⑨ MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





NOTE

ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 130	E

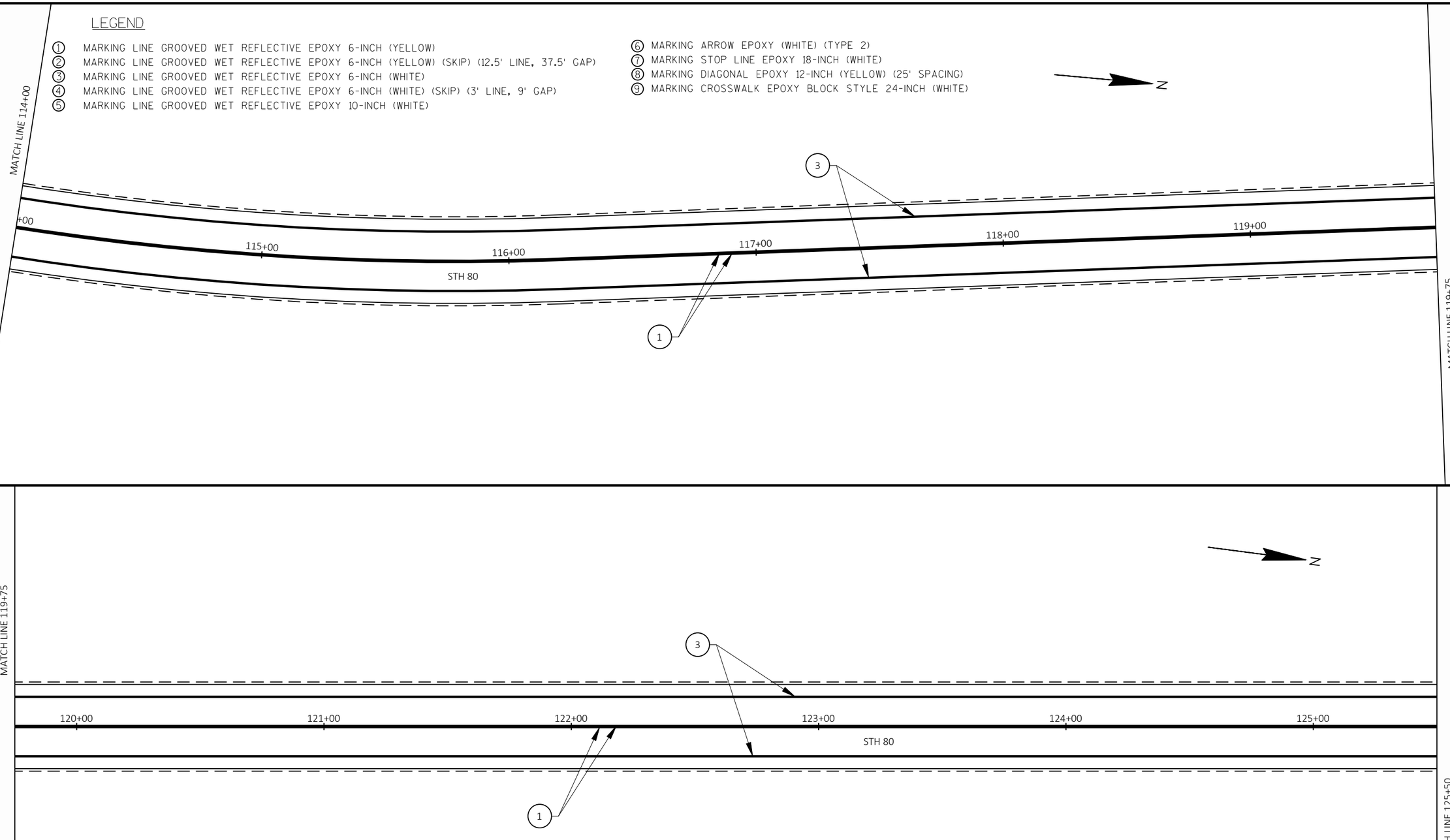
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 17
PLOT DATE : 9/4/2024 4:16 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)



NOTE

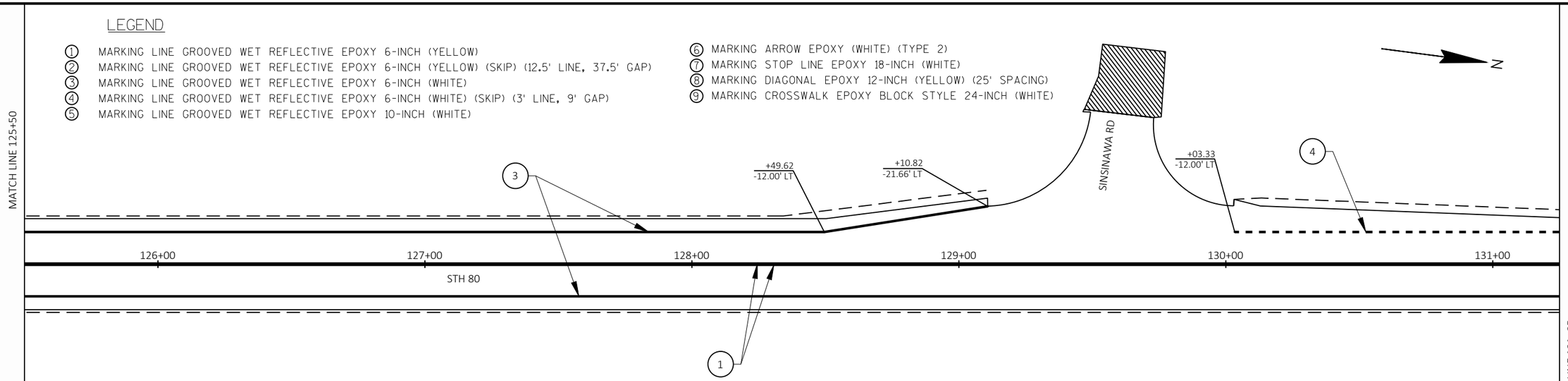
ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

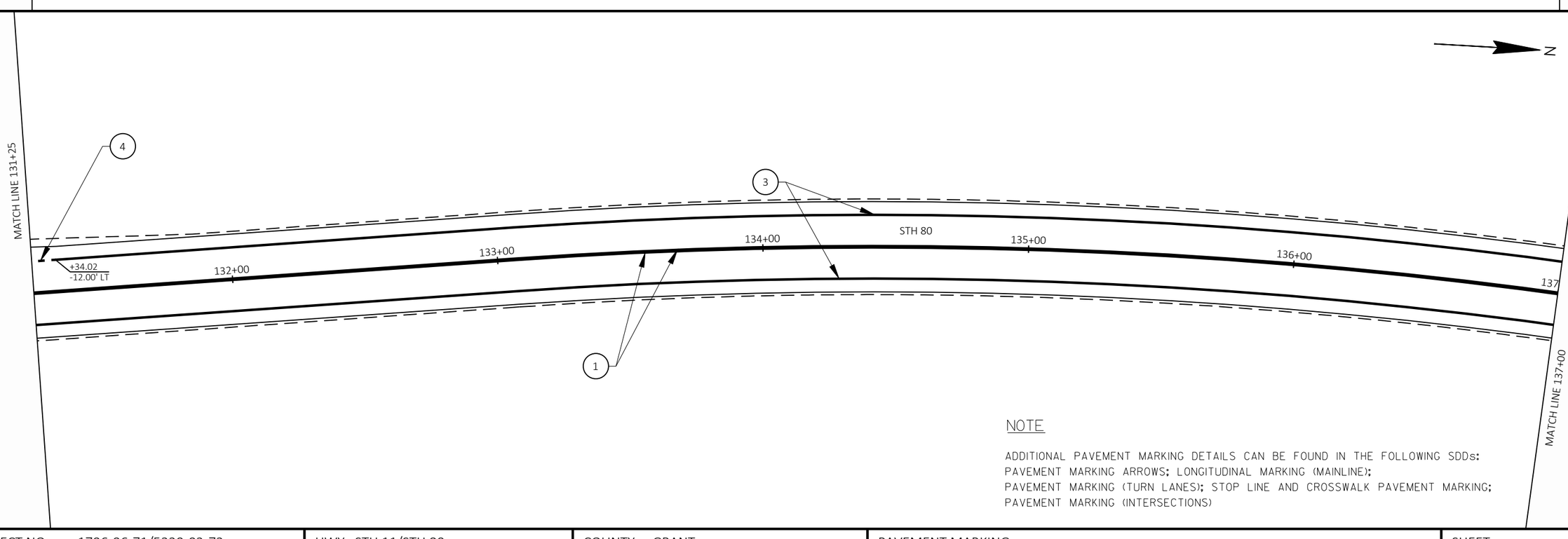
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 131	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





NOTE

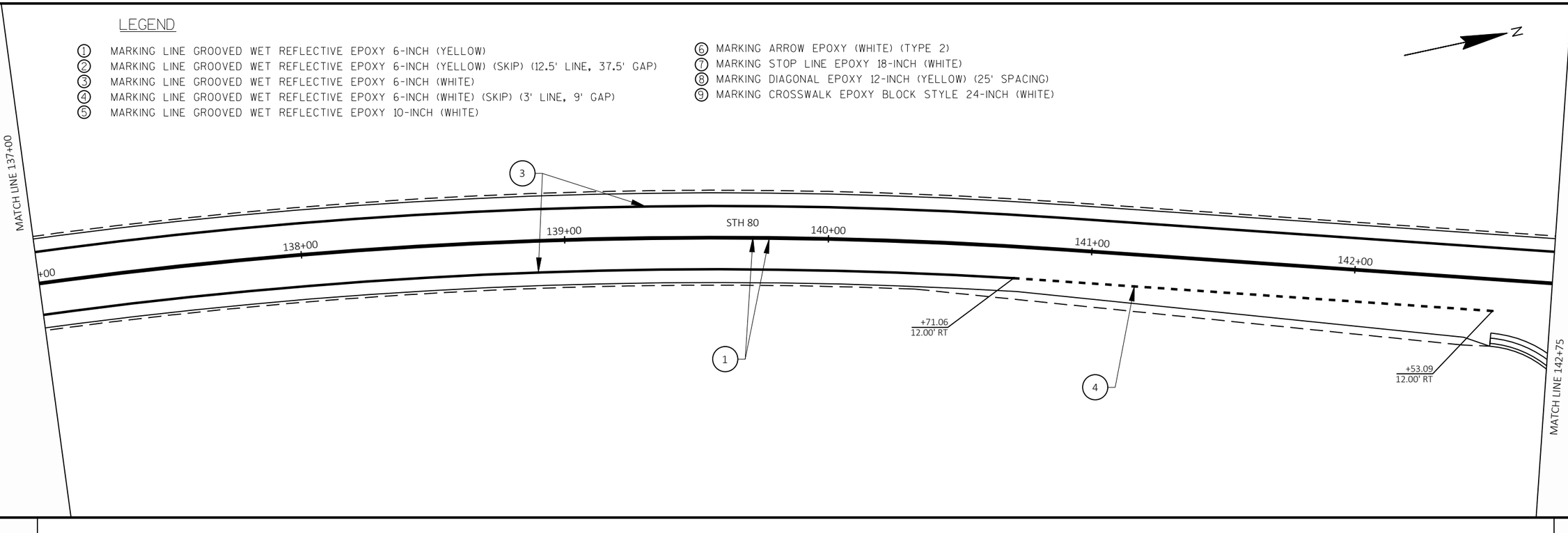
ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

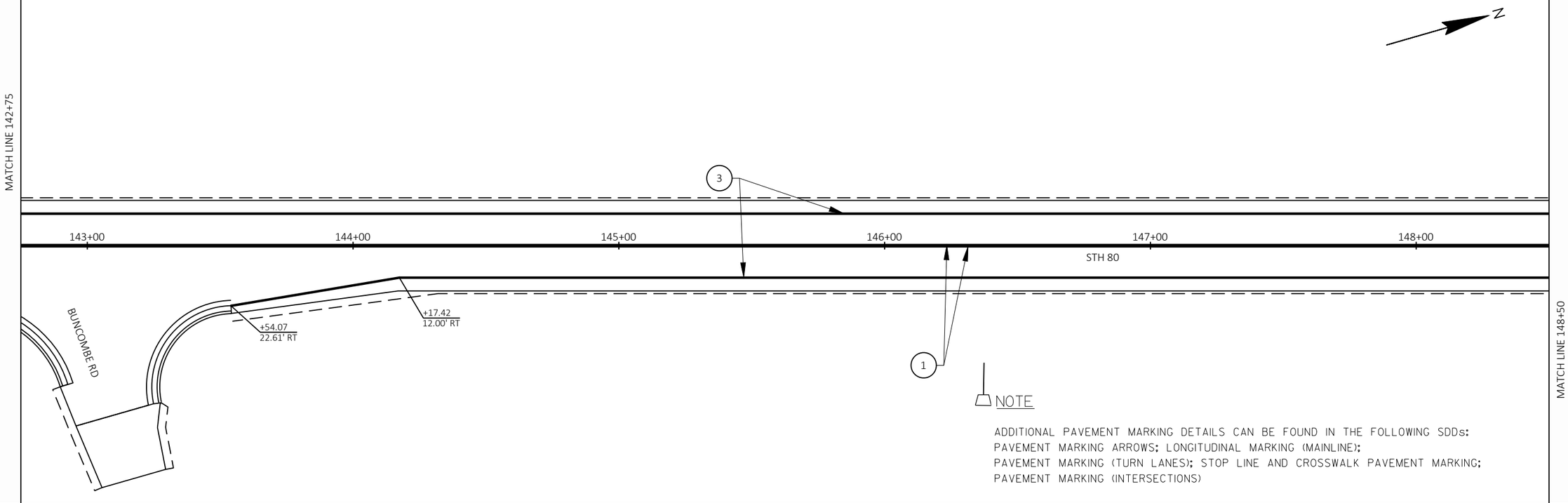
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 132	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





NOTE

ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

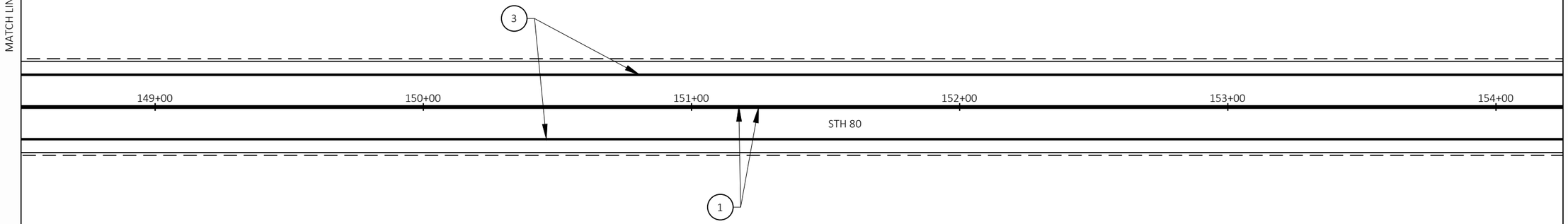
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 133	E

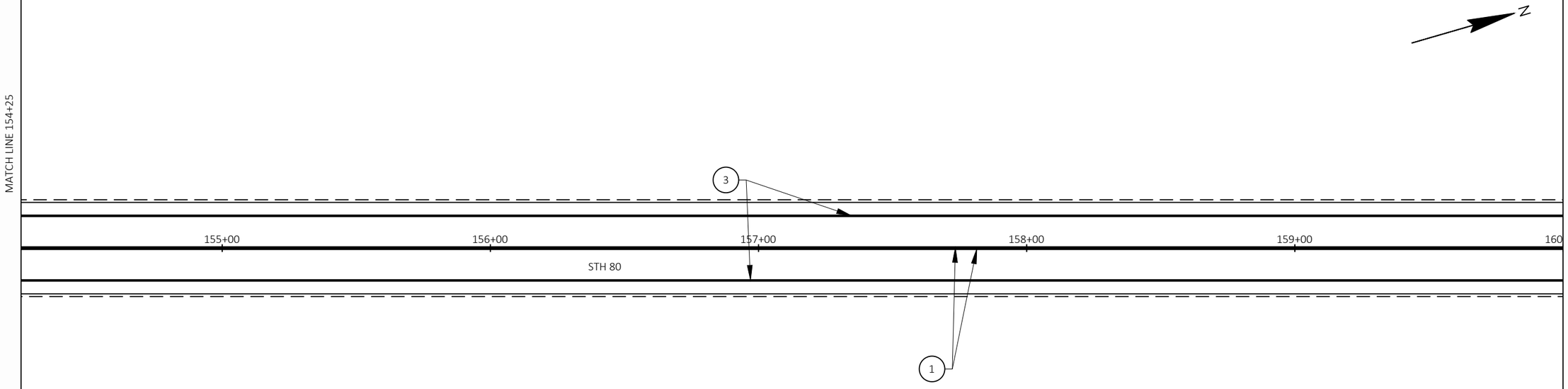
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2

LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
⑥ MARKING ARROW EPOXY (WHITE) (TYPE 2)
⑦ MARKING STOP LINE EPOXY 18-INCH (WHITE)
⑧ MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
⑨ MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





NOTE

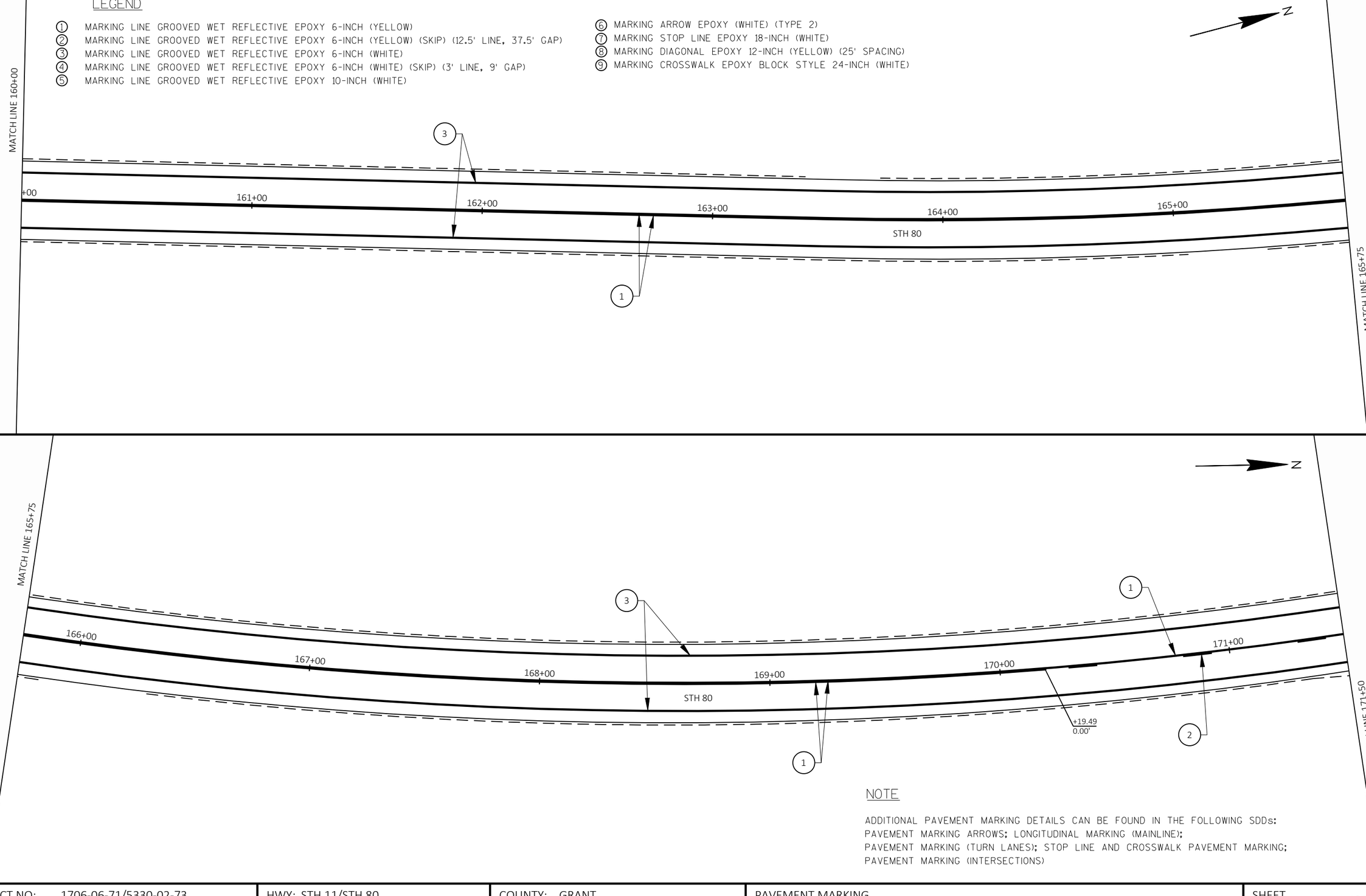
ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 134	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)



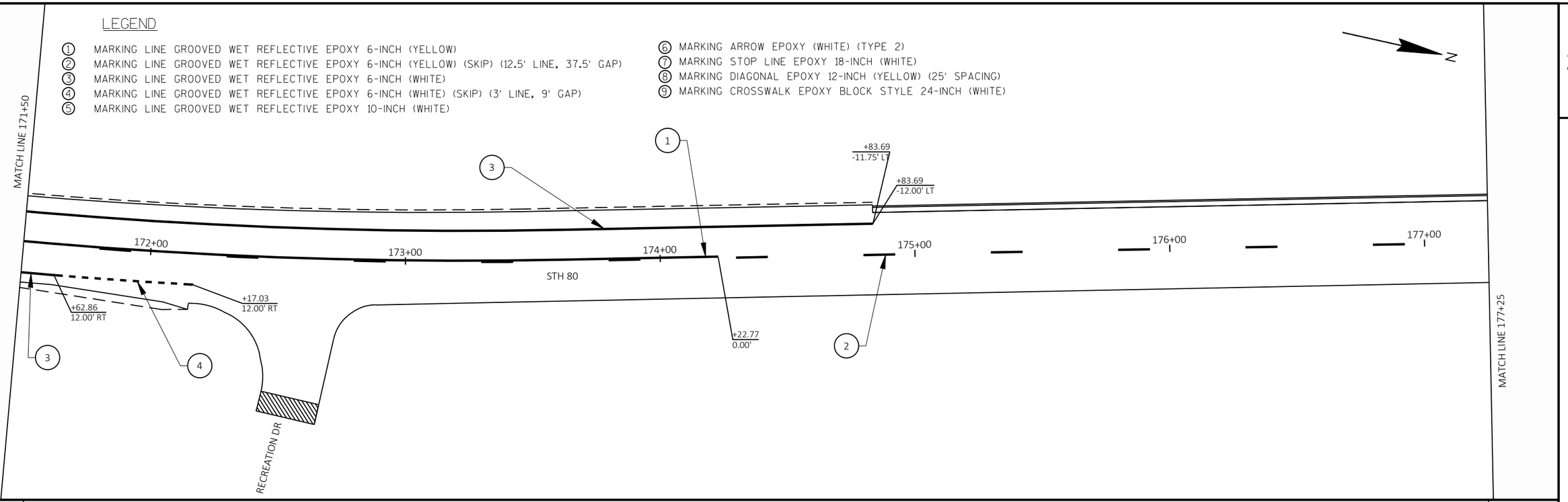
NOTE

ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 135	E

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)



NOTE

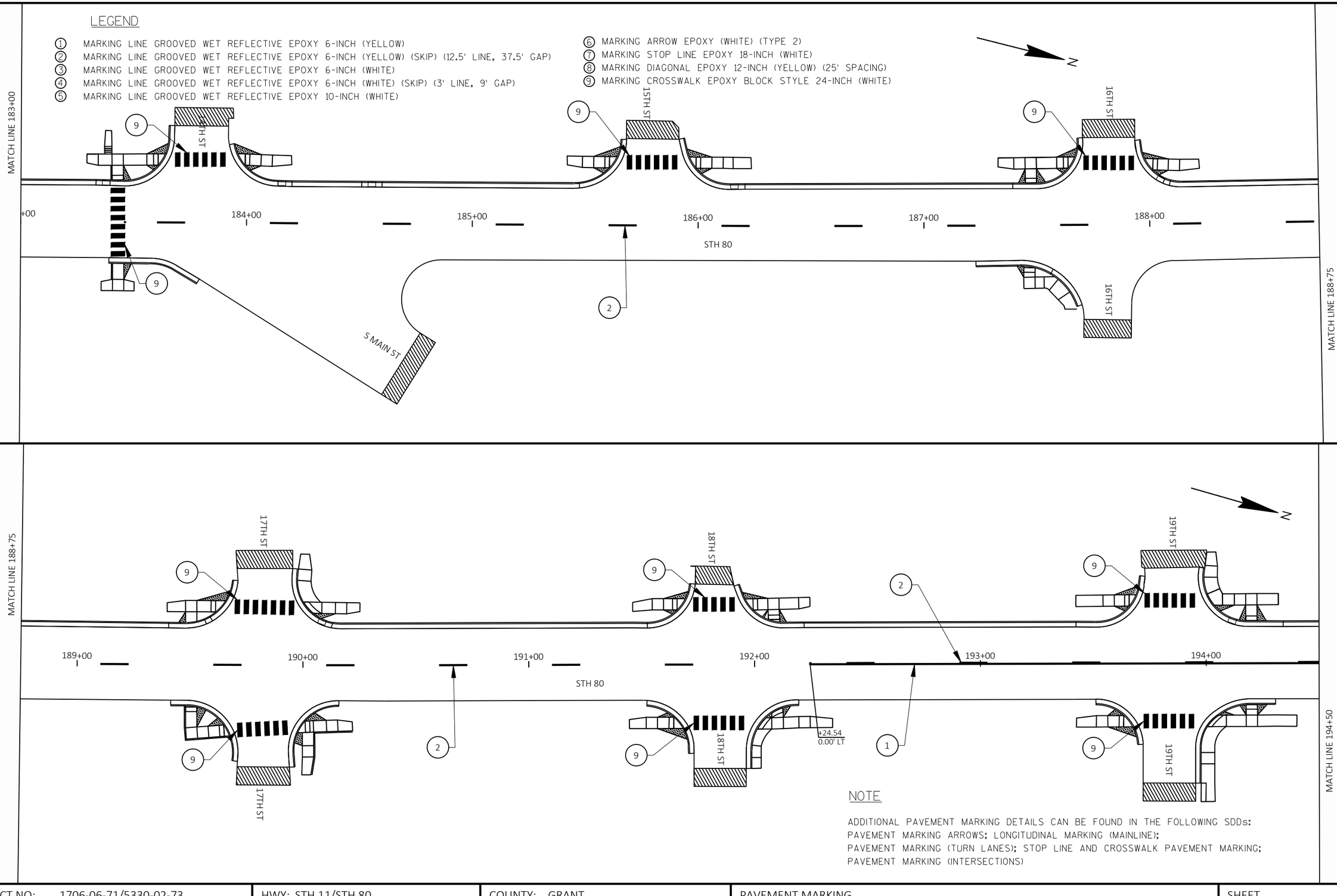
ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 136	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)



NOTE

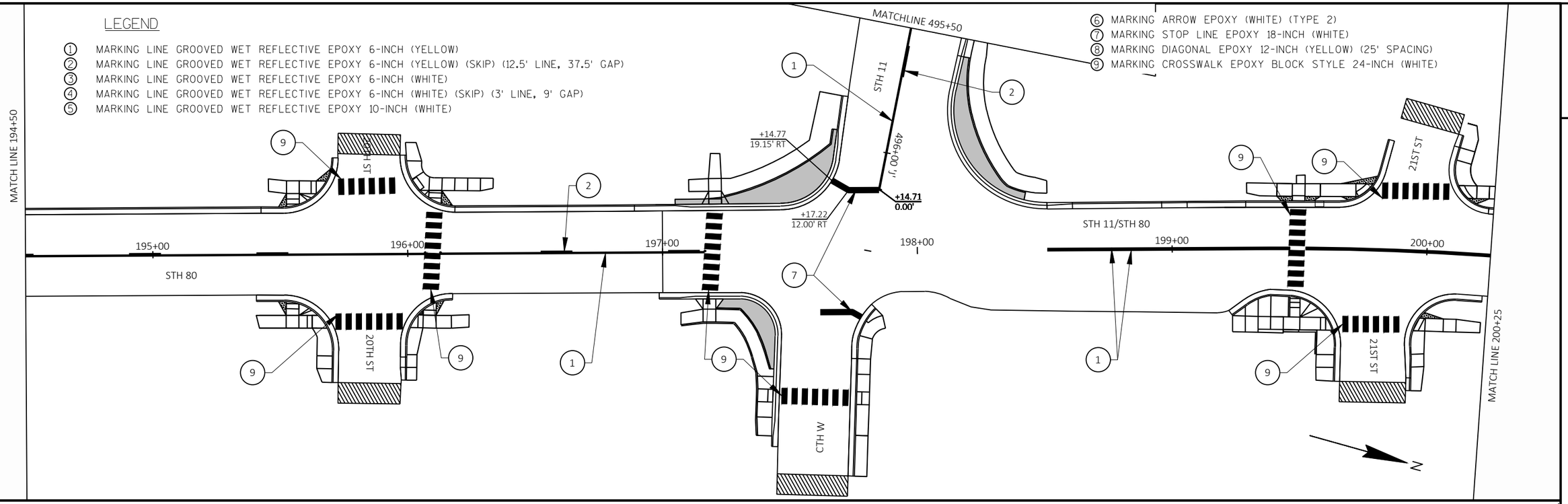
ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
PAVEMENT MARKING (TURN LANES); STOP LINE AND CROSSWALK PAVEMENT MARKING;
PAVEMENT MARKING (INTERSECTIONS)

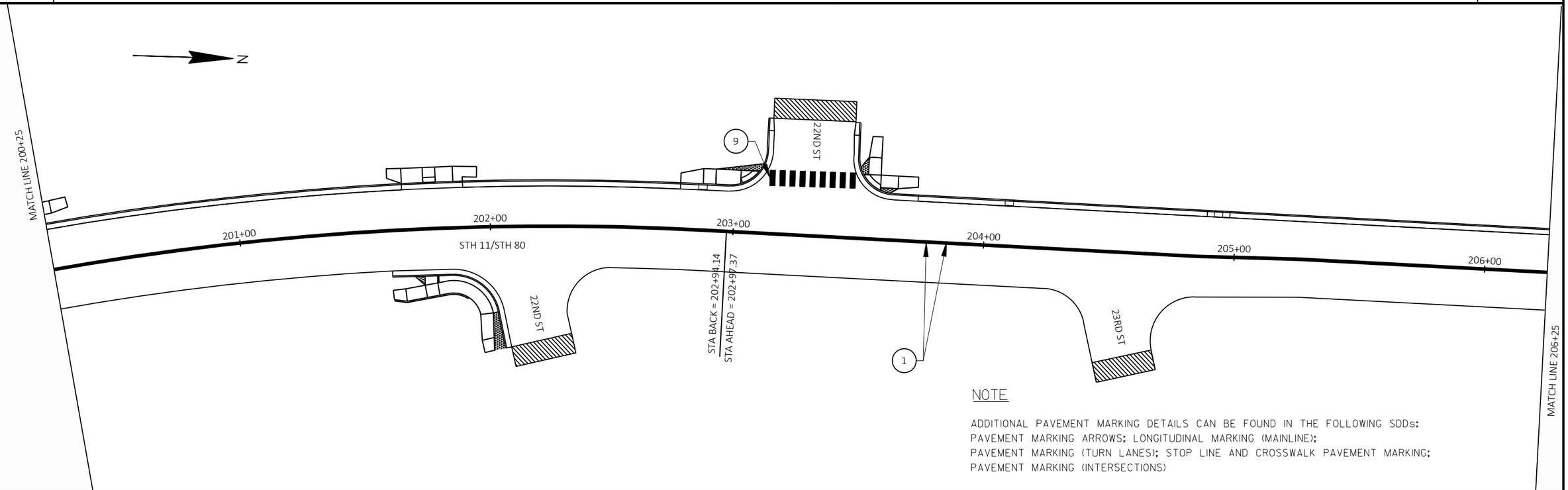
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 137	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





NOTE

ADDITIONAL PAVEMENT MARKING DETAILS CAN BE FOUND IN THE FOLLOWING SDDs:
PAVEMENT MARKING ARROWS; LONGITUDINAL MARKING (MAINLINE);
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PAVEMENT MARKING (INTERSECTIONS)

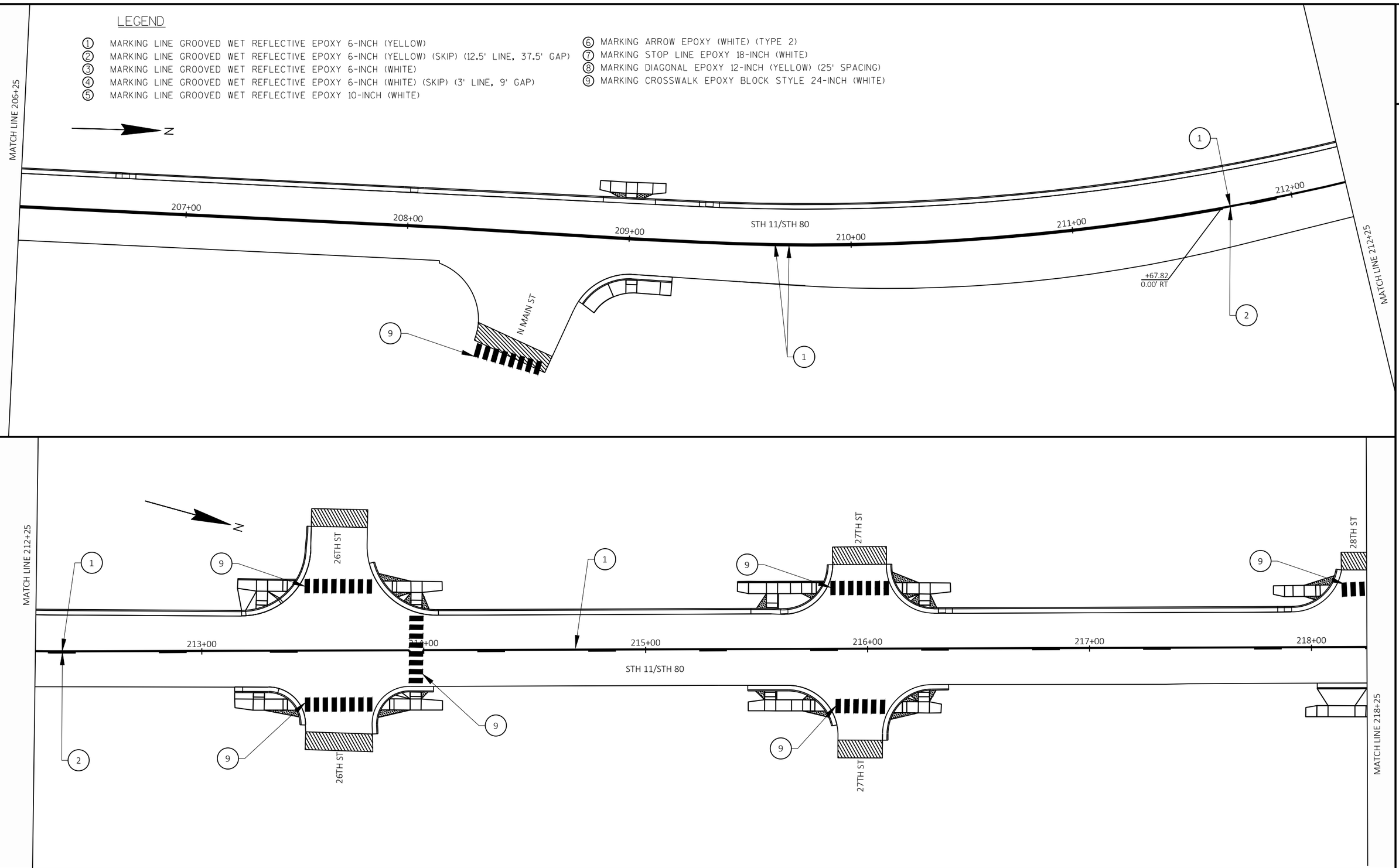
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 138	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 25
PLOT DATE : 9/4/2024 4:18 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)



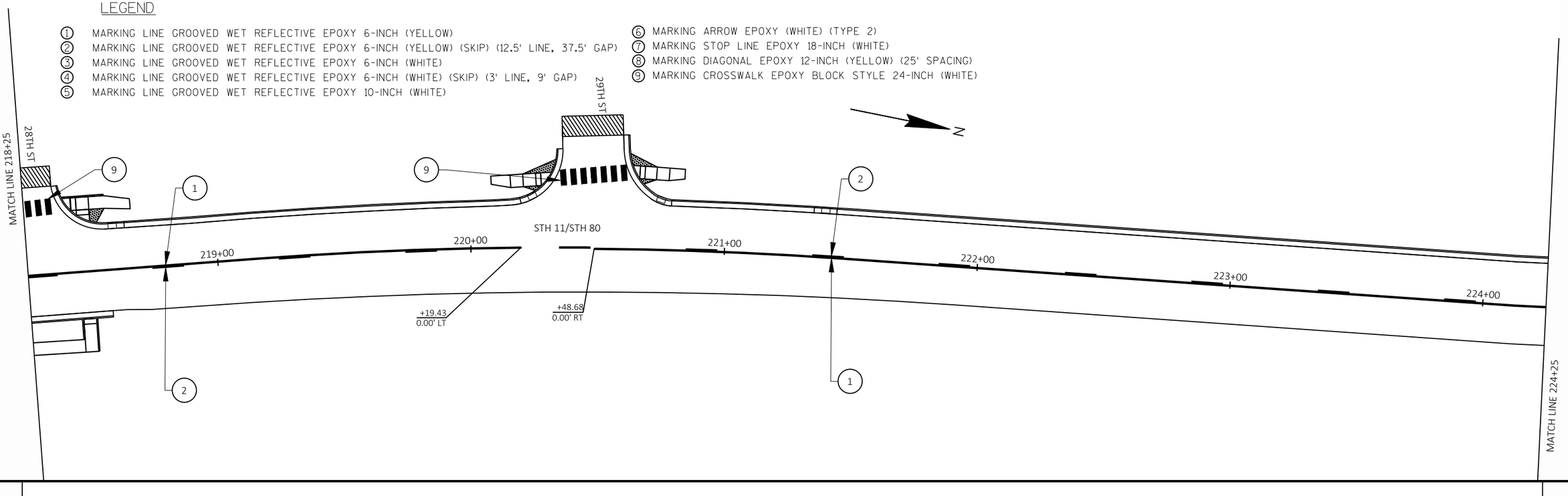
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 139	E

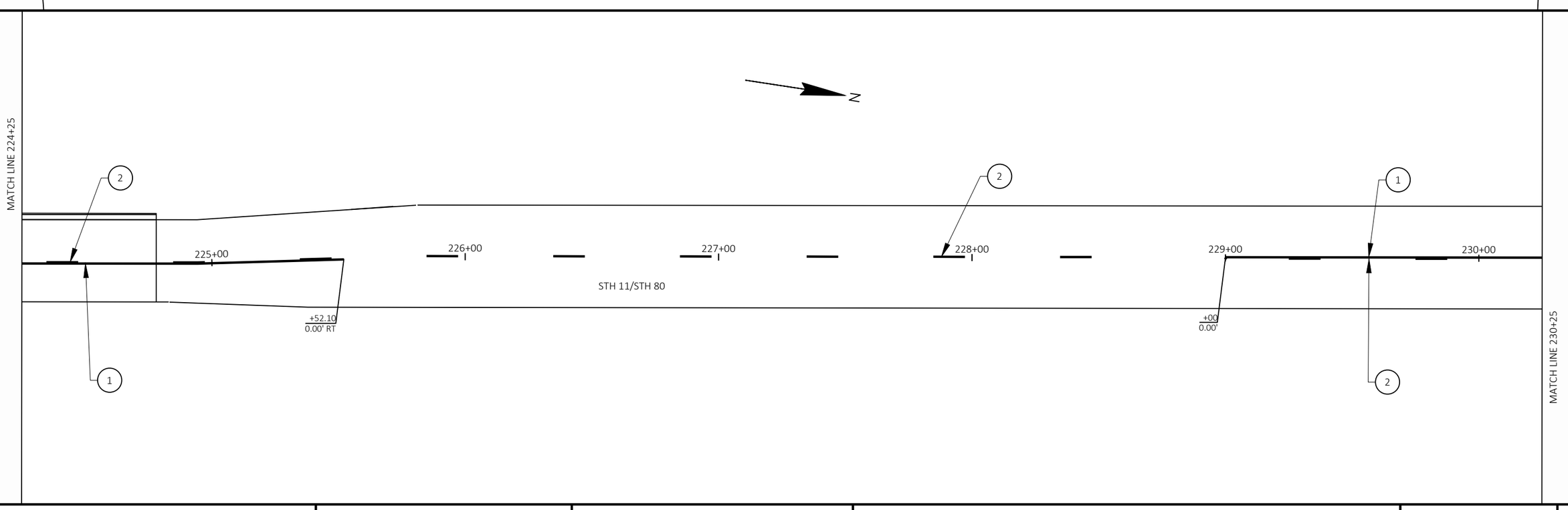
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 26

PLOT DATE : 9/4/2024 4:18 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 140	E

2

LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
⑥ MARKING ARROW EPOXY (WHITE) (TYPE 2)
⑦ MARKING STOP LINE EPOXY 18-INCH (WHITE)
⑧ MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
⑨ MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)

N

MATCH LINE 230+25

231+00 232+00 233+00 234+00 235+00 236+00

STH 11/STH 80

+00
0.00'

+00
0.00' RT

MATCH LINE 236+25

2

MATCH LINE 236+25

N

237+00 238+00 239+00 240+00 241+00 242+00

STH 11/STH 80

+88.14
-20.34' LT

+82.08
-12.00' LT

+83
0.00' RT

FREIBURGER LN

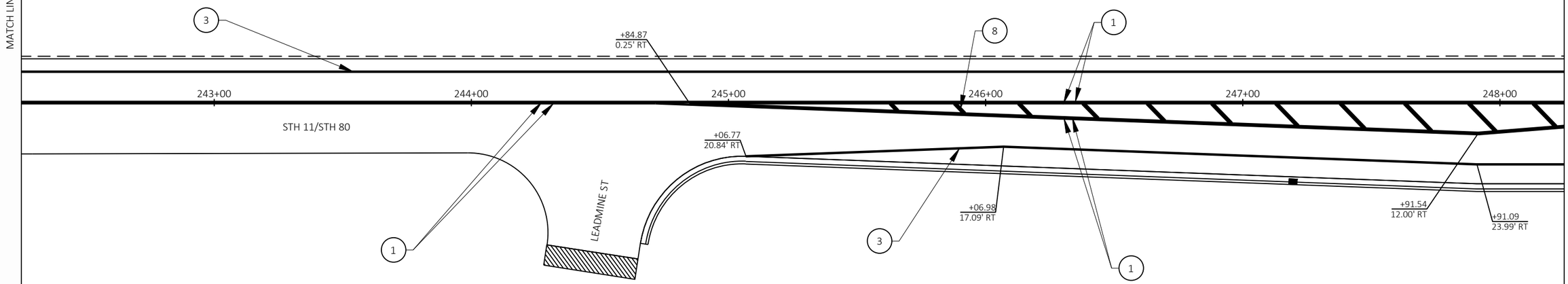
MATCH LINE 242+25

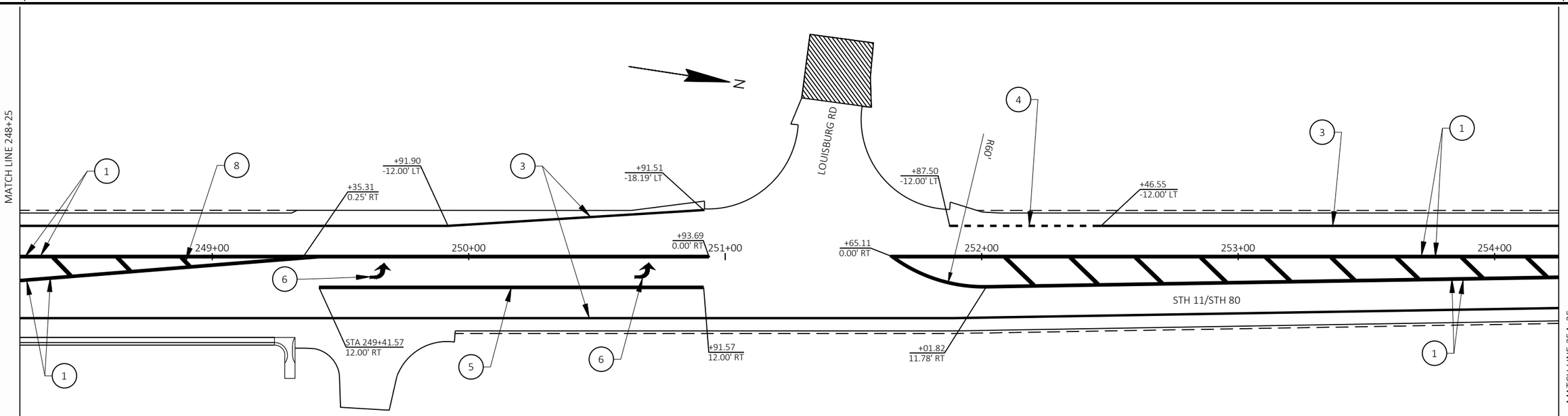
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 141	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





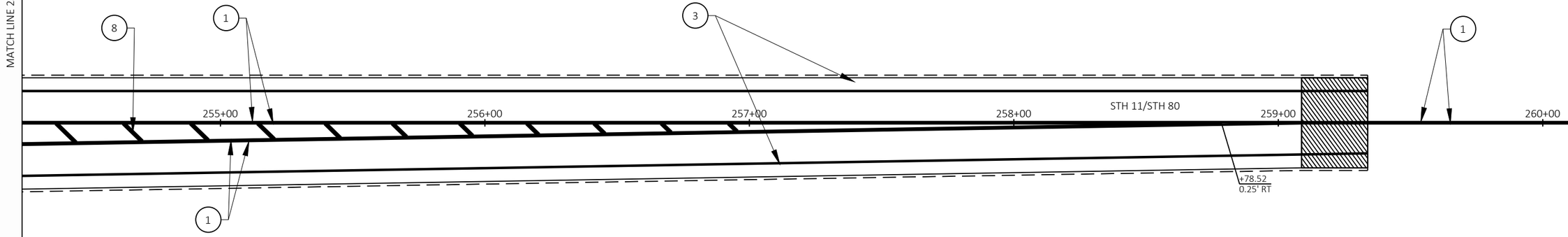
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 142	E

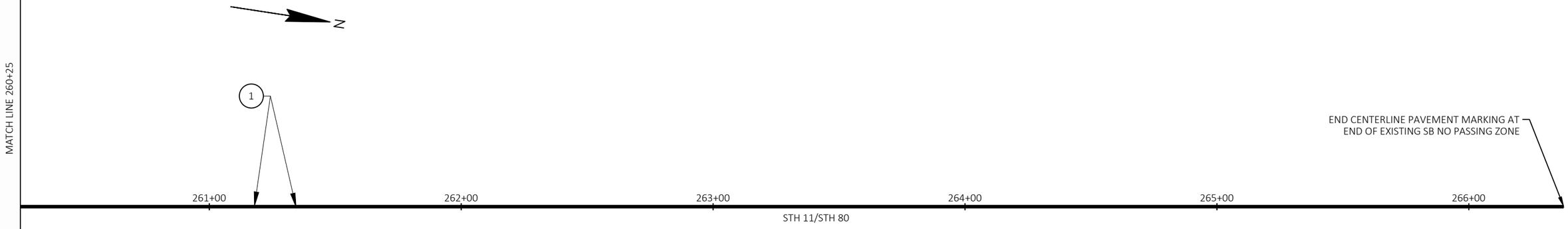
FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 29
PLOT DATE : 9/4/2024 4:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





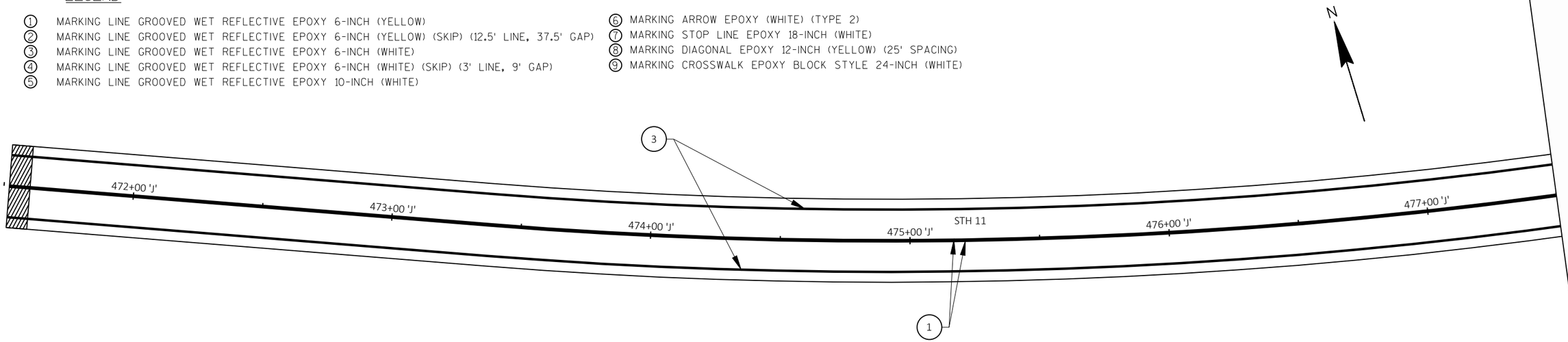
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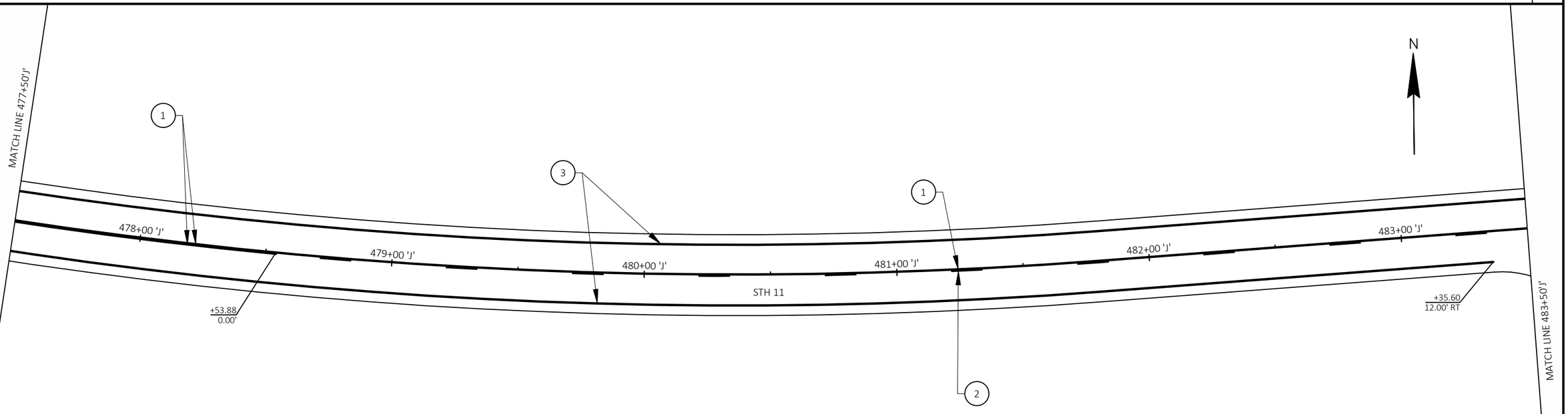
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 143	E

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)

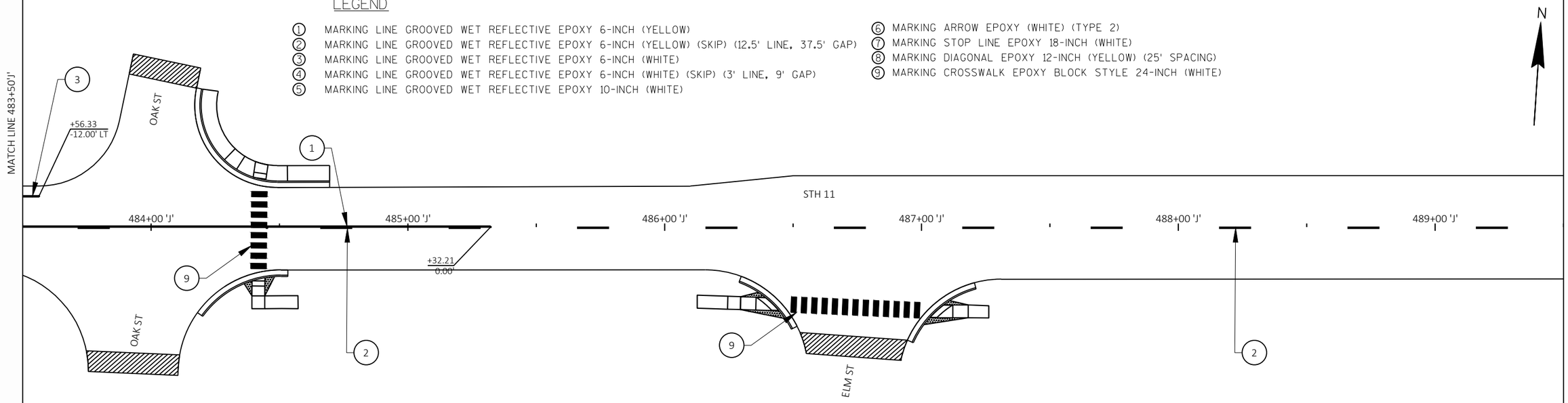


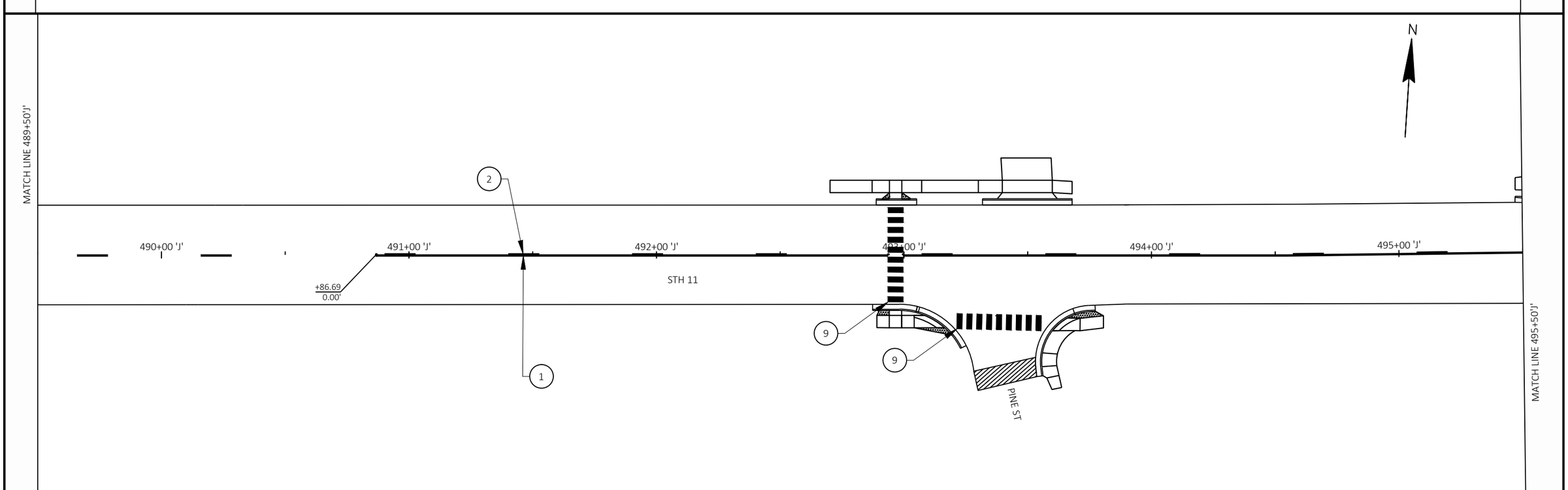


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 144	E

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW) (SKIP) (12.5' LINE, 37.5' GAP)
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (WHITE) (SKIP) (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH (WHITE)
6. MARKING ARROW EPOXY (WHITE) (TYPE 2)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (YELLOW) (25' SPACING)
9. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)





PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PAVEMENT MARKING	SHEET 145 E

2

NOTES

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.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AS AS APPROVED BY THE ENGINEER.

PLACE TRAFFIC CONTROL SIGNS PCMS AND DISPLAY THE MESSAGE 7 DAYS PRIOR TO THE EXPECETED START OF THE PROPOSED WORK. ADJUST THE MESSAGE DATE ACCORDINGLY.

PERFORM CURB AND GUTTER, TRUCK APRON, SIDEWALK WORK AS SHOWN IN STAGES 1A, 1B, 2A, AND 2B AND GRADING, BASE AGGREGATE, AND HMA PAVING WORK AS SHOWN IN STAGES 2A AND 2B UNDER FLAGGING CONDITIONS, AS NECESSARY. SEE SDD "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" AND "TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE" FOR FURTHER DETAILS. RETURN TRAFFIC CONTROL DEVICES TO CLOSED SHOULDER CONDITION AS SHOWN WHEN NOT PERFORMING WORK AT A GIVEN LOCATION. SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR FURTHER DETAILS.

TEMP PED BARRICADES ON THE ROAD ONLY HAVE TO BE IN PLACE IF ADJACENT WORK OPERATIONS ARE BEING PERFORMED ON THAT BLOCK. REMOVE TEMP PED BARRICADES AT THE END OF EACH DAY IF THE ROADWAY IS BEING REOPENED TO THROUGH TRAFFIC EVERY EVENING.

CULVERT REPLACEMENT AND EXTENSION WORK FROM STA 141+75 - STA 147+25 MAY BE PERFORMED DURING STAGE 1 OR STAGE 2. CLOSE BUNCOME ROAD TO ALL TRAFFIC AND PERFORM THIS WORK UNDER CLOSED SHOULDER CONDITIONS. SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" AND SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" DETAIL 1 FOR FURTHER DETAILS.

PERFORM MILLING, HMA PAVEMENT, SHOULDERING, AND PAVEMENT MARKING AFTER COMPLETION OF STAGE 2 UNDER FLAGGING CONDITIONS. SEE SDDS "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" AND "TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE" FOR FURTHER DETAILS.

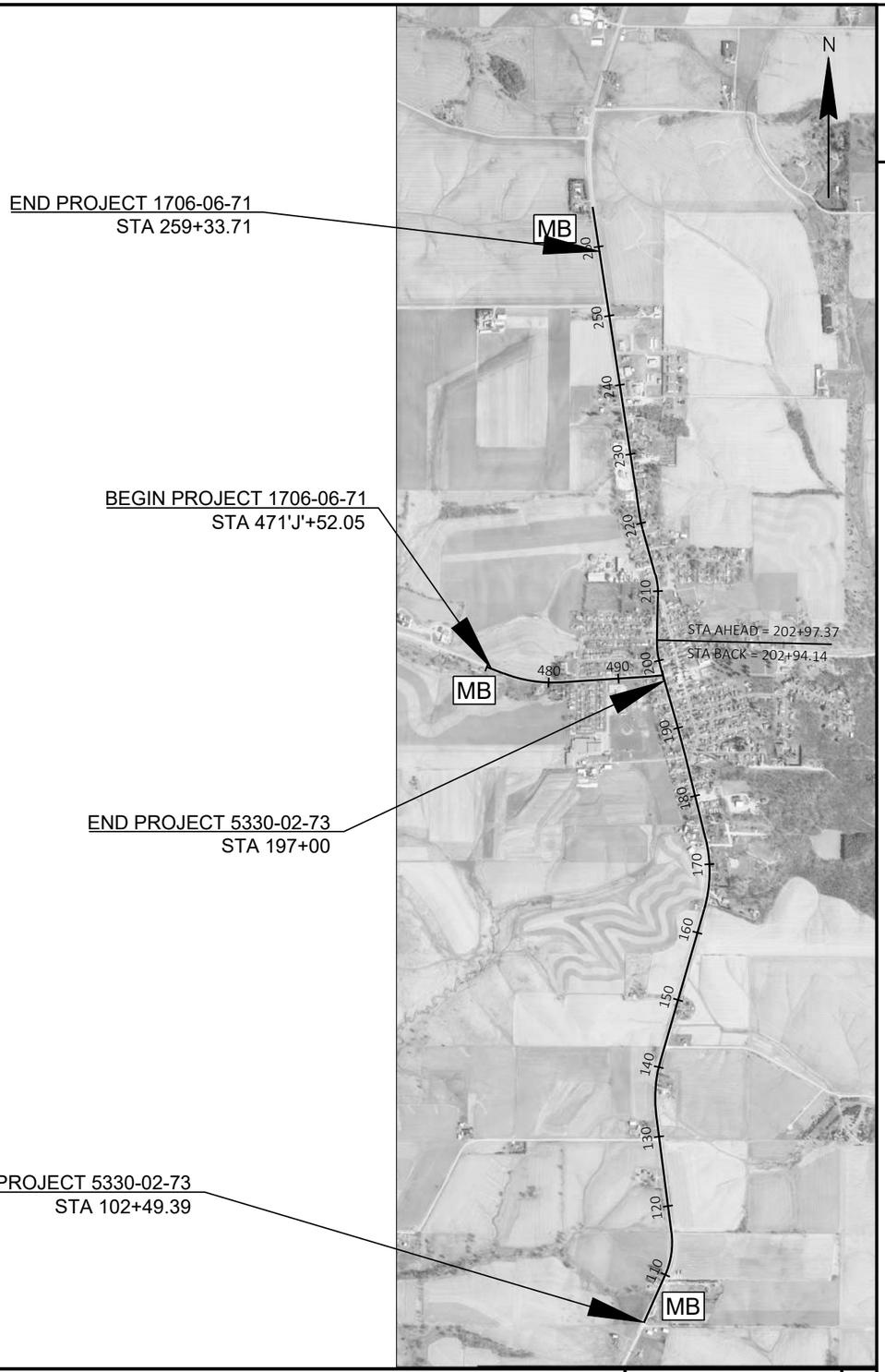
SEE TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL ON SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC" FOR ALL NON-DEAD END SIDEROADS.

ALL SIGNS 48"X48" UNLESS NOTED.

LEGEND

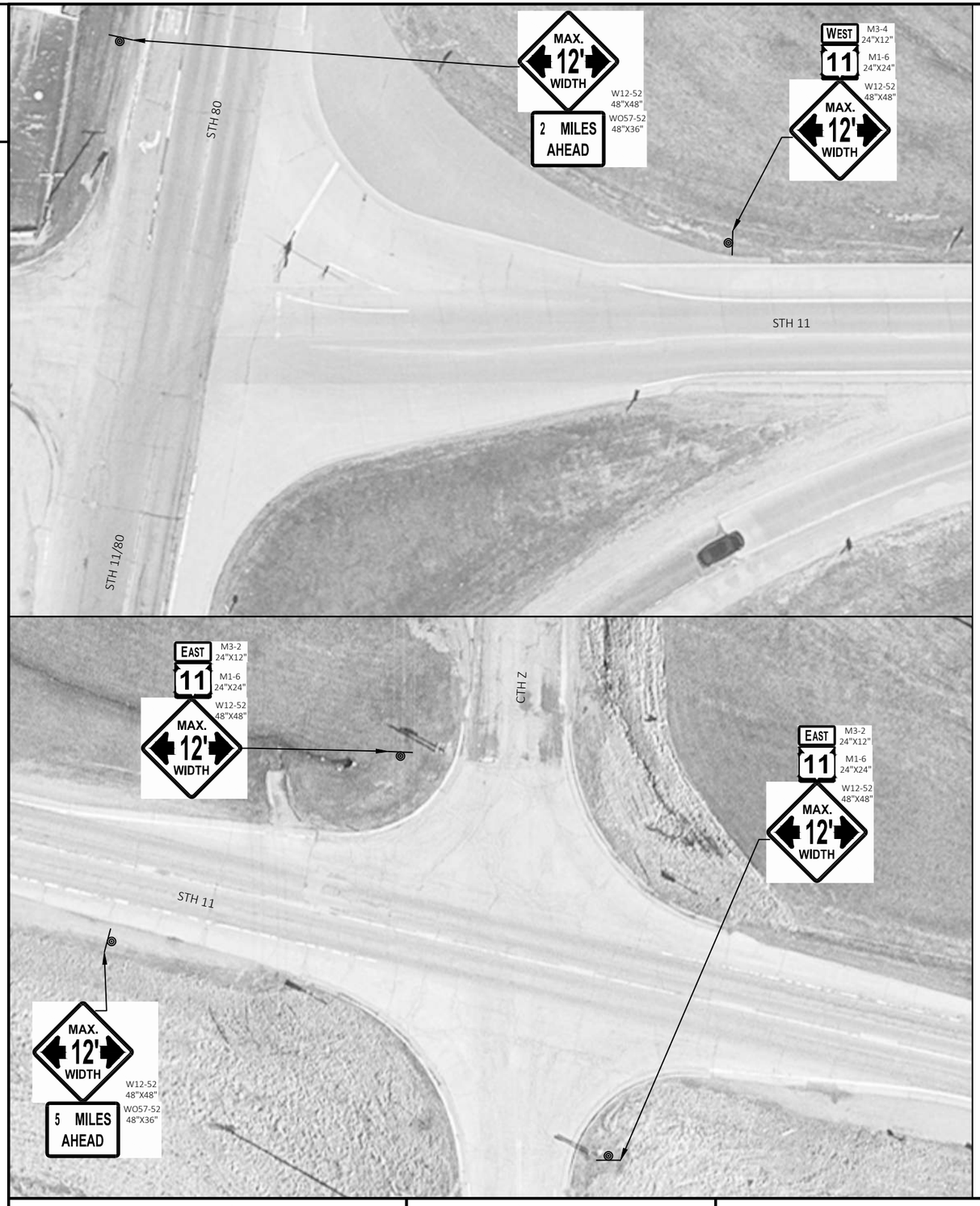
MB TRAFFIC CONTROL SIGN PCMS

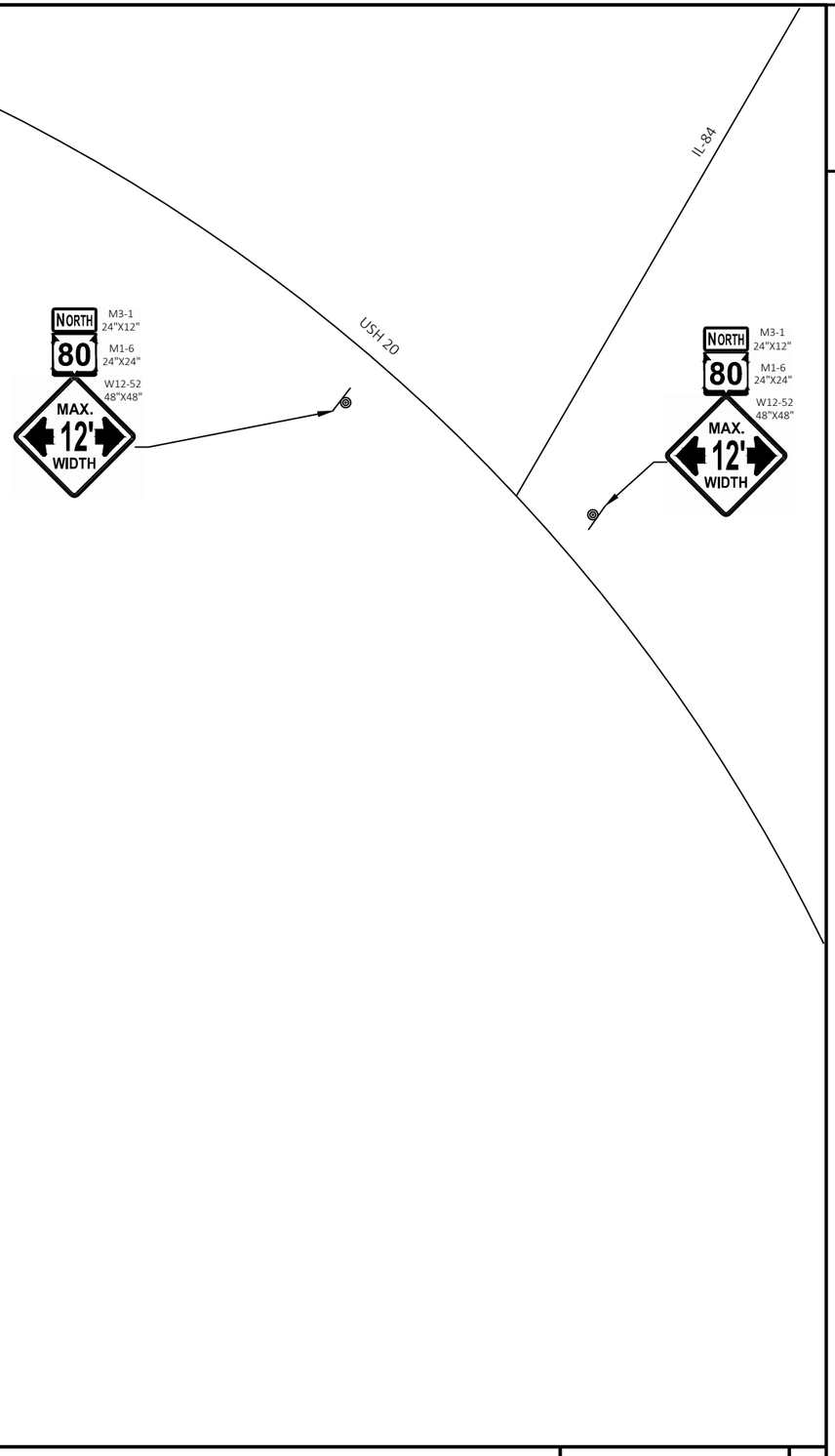
TRAFFIC CONTROL SIGNS PCMS MESSAGES	
PHASE 1	PHASE 2
ROAD WORK BEGINS	DATE



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL	SHEET 146 E

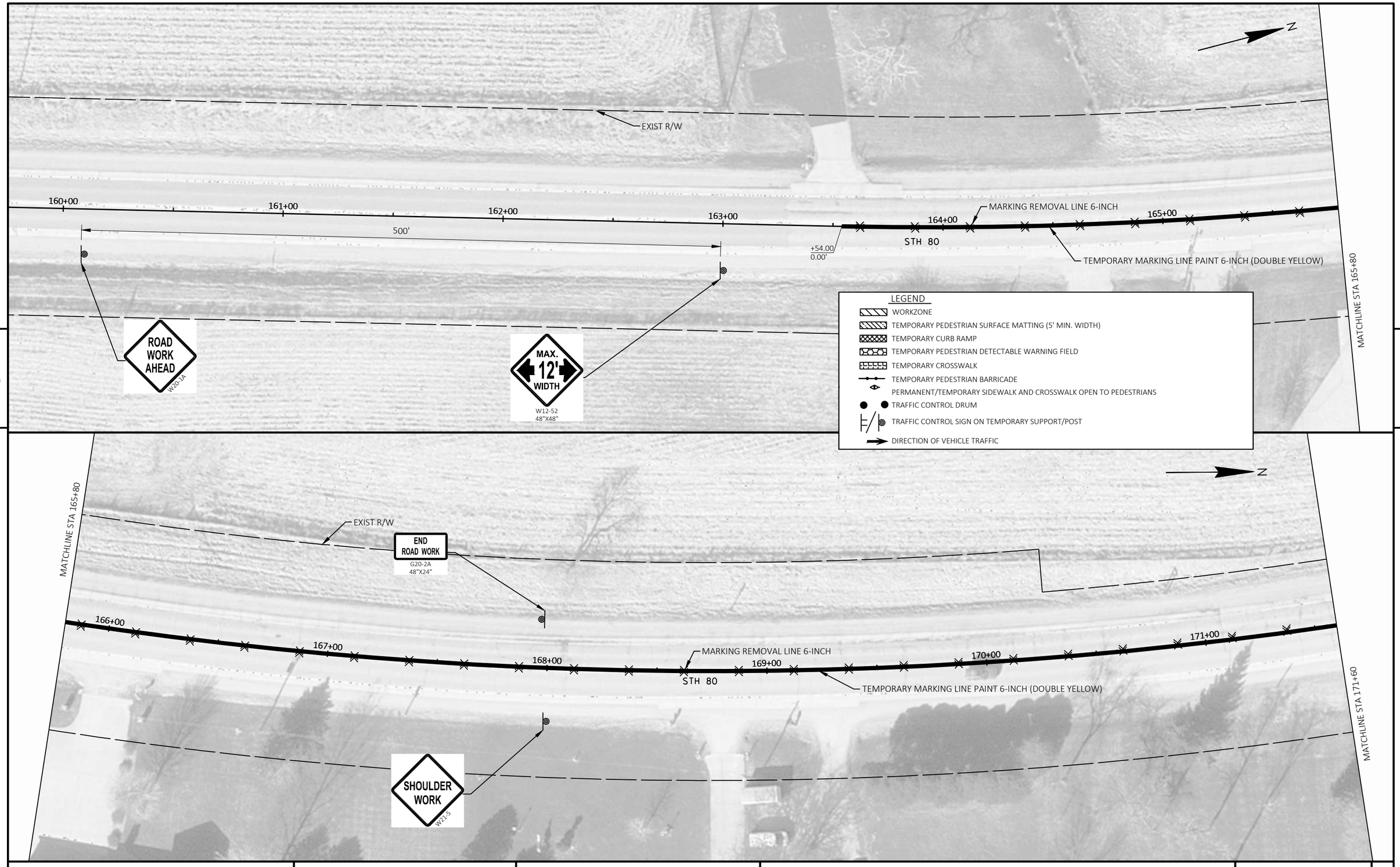
2





2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ADVANCED WIDTH RESTRICTION SIGNING - STAGES 1 AND 2	SHEET 147	E



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1A	SHEET 148 E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026001-S1A PED.DWG
PLOT DATE : 11/1/2024 10:26 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT
LAYOUT NAME - 026000-s1a

2

MATCHLINE STA 171+60

EXIST R/W

MARKING REMOVAL LINE 6-INCH

172+00 173+00 174+00 175+00 176+00 177+00

STH 80

13'

16'

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

RECREATION DR

N

MATCHLINE STA 177+40

2

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 177+40

WO11-2 48"X48"
WO16-7L 48"X24"

SIDEWALK CLOSED AHEAD
DETOUR
R9-9A 30"X18"
M4-9BR 30"X24"

12TH ST

SIDEWALK CLOSED
R9-9 24"X12"

20'

13TH ST

EXIST R/W

MARKING REMOVAL LINE 6-INCH

178+00 179+00 180+00 181+00 182+00

13'

STH 80

16'

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

E 12TH ST

WO11-2 48"X48"
WO16-9P 48"X24"
AHEAD

DETOUR
M4-9BL 30"X24"

R9-9A 30"X18"
SIDEWALK CLOSED AHEAD
M4-9BL 30"X24"
DETOUR

WO11-2 48"X48"
WO16-7L 48"X24"

DETOUR
M4-9BR 30"X24"

MATCHLINE STA 183+20

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1A	SHEET 149	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026001-S1A PED.DWG
LAYOUT NAME - 026001-s1a

PLOT DATE : 11/1/2024 10:26 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA 183+20

14TH ST

15TH ST

16TH ST

M4-60L 30"X24"

M4-60R 30"X24"

M4-60L 30"X24"

M4-60R 30"X24"

20'

19'

EXIST R/W

MARKING REMOVAL LINE 6-INCH

184+00

185+00

186+00

187+00

188+00

189

STH 80

13'

16'

TEMPORARY MARKING LINE
PAINT 6-INCH (DOUBLE YELLOW)

M4-60D 30"X24"

S MAIN ST

N

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 189+00

17TH ST

18TH ST

19TH ST

M4-60L 30"X24"

M4-60R 30"X24"

20'

WO11-2 48"X48"

WO16-7L 48"X24"

DETOUR

M4-9BR 30"X24"

SIDEWALK CLOSED

R9-9 24"X12"

WO11-2 48"X48"

WO16-7L 48"X24"

M4-60R 30"X24"

M4-60D 30"X24"

R9-9A 30"X18"

SIDEWALK CLOSED AHEAD

M4-9BL 30"X24"

DETOUR

EXIST R/W

17'

20'

SIDEWALK CLOSED

R9-9 24"X12"

MARKING REMOVAL LINE 6-INCH

190+00

191+00

192+00

193+00

194+00

13'

16'

TEMPORARY MARKING LINE
PAINT 6-INCH (DOUBLE YELLOW)

STH 80

M4-60R 30"X24"

WO11-2 48"X48"

WO16-7L 48"X24"

DETOUR

M4-9BL 30"X24"

M4-60D 30"X24"

WO11-2 48"X48"

WO16-7L 48"X24"

DETOUR

M4-9BR 30"X24"

M4-60D 30"X24"

WO11-2 48"X48"

WO16-7L 48"X24"

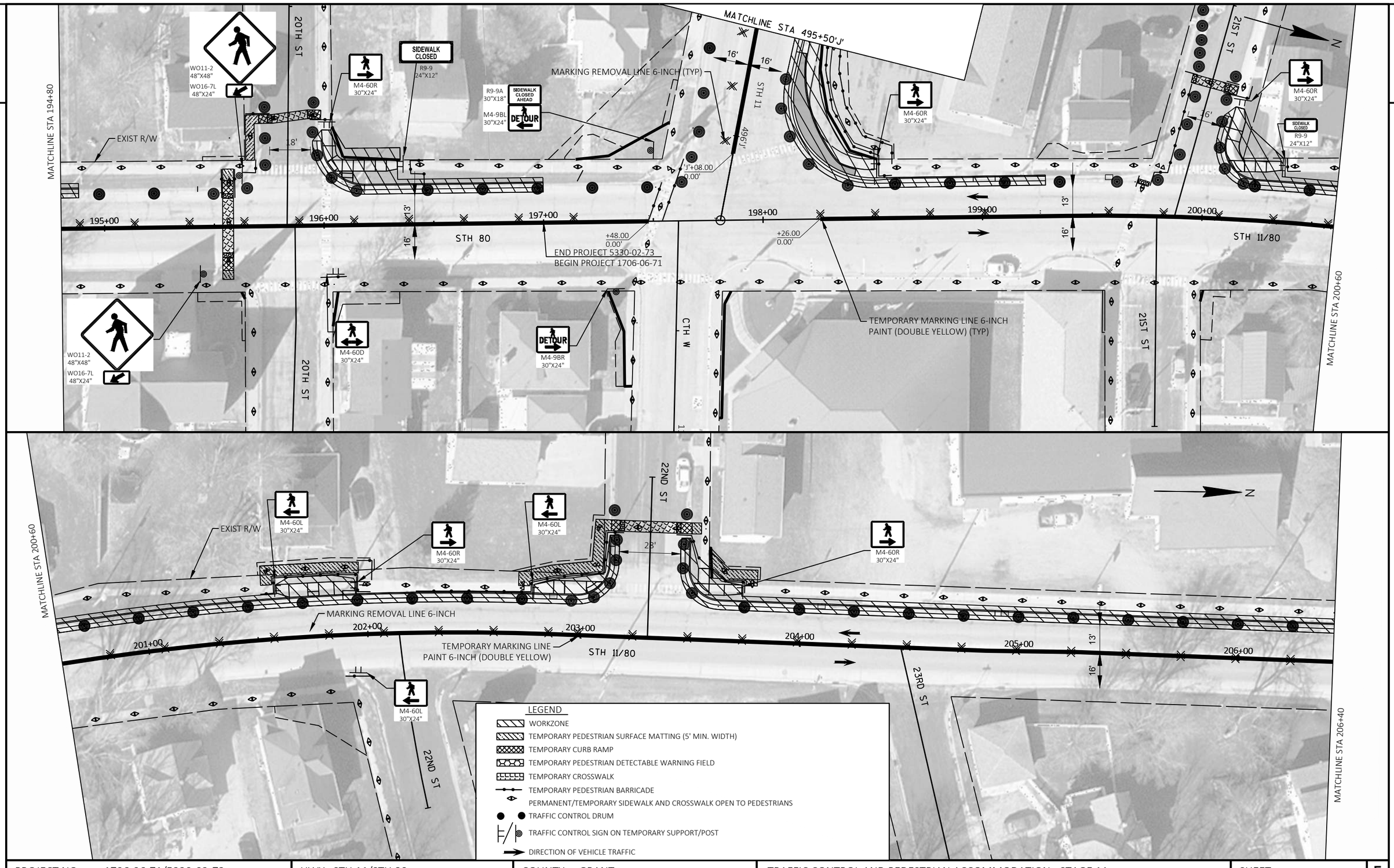
MATCHLINE STA 194+80

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1A	SHEET 150 E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026001-S1A PED.DWG
LAYOUT NAME - 026002-s1a

PLOT DATE : 11/1/2024 10:26 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1A	SHEET 151	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026001-S1A PED.DWG
LAYOUT NAME - 026003-s1a
PLOT DATE : 11/1/2024 10:26 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

N

MATCHLINE STA 206+40

WO11-2 48"X48"
WO16-7L 48"X24"

M4-60L 30"X24"

M4-60D 30"X24"

EXIST R/W

207+00

MARKING REMOVAL LINE 6-INCH

208+00

TEMPORARY MARKING LINE
PAINT 6-INCH (DOUBLE YELLOW)

209+00

STH 11/80

210+00

211+00

212+00

13'

16'

MATCHLINE STA 212+20

N MAIN ST

WO11-2 48"X48"
WO16-7L 48"X24"

N

MATCHLINE STA 212+20

WO11-2 48"X48"
WO16-7L 48"X24"

SIDEWALK CLOSED
R9-9 24"X12"

26TH ST

24'

SIDEWALK CLOSED
R9-9 24"X12"

MARKING REMOVAL LINE 6-INCH

213+00

214+00

215+00

TEMPORARY MARKING LINE
PAINT 6-INCH (DOUBLE YELLOW)

STH 11/80

26TH ST

27TH ST

216+00

SIDEWALK CLOSED AHEAD
R9-9A 30"X18"

DETOUR
M4-9BL 30"X24"

WO11-2 48"X48"
WO16-7L 48"X24"

EXIST R/W

217+00

13'

16'

218+00

WO11-2 48"X48"
WO16-7L 48"X24"

W24-1R

MATCHLINE STA 218+00

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1A	SHEET 152	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026001-S1A PED.DWG
LAYOUT NAME - 026004-s1a
PLOT DATE : 11/1/2024 10:26 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

MATCHLINE STA 218+00

28TH ST

29TH ST

M4-60L
30"X24"

22'

MARKING REMOVAL LINE 6-INCH

219+00

220+00

221+00

222+00

223+00

+47.28
0.00'

+85.46
5.00'R

+86.07
5.00'R

+23.95
0.00'

13'

16'

STH 11/80

TEMPORARY MARKING LINE
PAINT 6-INCH (DOUBLE YELLOW)

MATCHLINE STA 223+80

N

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

W24-1L

SHOULDER WORK
W21-5

MAX. 12' WIDTH
W12-52
48"X48"

ROAD WORK AHEAD
W20-3A

MATCHLINE STA 223+80

MARKING REMOVAL LINE 6-INCH

224+00

225+00

226+00

227+00

228+00

229+00

+91.16
0.00'

+77.92
0.00'

+79.18
0.00'

350'

350'

350'

STH 11/80

TEMPORARY MARKING LINE
PAINT 6-INCH (DOUBLE YELLOW)

END
ROAD WORK
G20-2A
48"X24"

MATCHLINE STA 229+60

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1A	SHEET 153	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026001-S1A PED.DWG
LAYOUT NAME - 026005-s1a

PLOT DATE : 11/1/2024 10:26 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

OAK ST

END ROAD WORK
G20-2A
48"X24"

N

484'J'

485'J'

486'J'

487'J'

488'J'

489'J'

MATCHLINE STA 489+50'J'

350'

ROAD WORK AHEAD
W20-1A

OAK ST

MAX. 12' WIDTH
W12-52
48"X48"

ELM ST

SHOULDER WORK
W21-5

WILDCAT LN

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

N

M4-60L
30"X24"

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

490'J'

491'J'

492'J'

493'J'

494'J'

495'J'

'J'+54.68
0.00'

STH 11

MATCHLINE STA 489+50'J'

MATCHLINE STA 495+50'J'

MARKING REMOVAL LINE 6-INCH

PINE ST

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1A	SHEET 154	E

2

2

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

N

500'
500'
500'

172+00
173+00
174+00
175+00
176+00
177+00

STH 80

13'
16'

SHOULDER WORK
W21-5

ROAD WORK AHEAD
W20-1A

MAX. 12' WIDTH
W12-52
48"X48"

RECREATION DR

MATCHLINE STA 177+40

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

R9-9A
30"X18"
SIDEWALK CLOSED AHEAD
M4-9BR
30"X24"
DETOUR

WO11-2
48"X48"
WO16-7L
48"X24"

N

MATCHLINE STA 177+40

EXIST R/W

12TH ST

SIDEWALK CLOSED
R9-9
24"X12"

13TH ST

20'

SIDEWALK CLOSED
R9-9
24"X12"

178+00
179+00
180+00
181+00
182+00
183+00

13'
16'

STH 80

DETOUR
M4-9BL
30"X24"

E 12TH ST

WO11-2
48"X48"
WO16-7L
48"X24"

13TH ST

MATCHLINE STA 183+20

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 155	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026101-S1B PED.DWG
LAYOUT NAME - 026101-s1b
PLOT DATE : 1/10/2025 7:48 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

MATCHLINE STA 183+20

14TH ST

15TH ST

16TH ST

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"
DETOUR
M4-9BL
30"X24"

M4-60L
30"X24"

M4-60R
30"X24"

EXIST R/W

17.12'

13'

16'

184+00

185+00

186+00

187+00

188+00

189

STH 80

DETOUR
M4-9BR
30"X24"

S MAIN ST

MATCHLINE STA 11+40 SM

MATCHLINE STA 189+00

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 189+00

17TH ST

18TH ST

19TH ST

R9-9A
30"X18"
SIDEWALK CLOSED AHEAD
M4-9BR
30"X24"
DETOUR

WO11-2
48"X48"
WO16-7L
48"X24"

SIDEWALK CLOSED
R9-9
24"X12"

M4-9BL
30"X24"

13'

20'

EXIST R/W

190+00

191+00

192+00

193+00

194+00

STH 80

16'

M4-60R
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

MATCHLINE STA 194+80

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 156	E

2

2

MATCHLINE STA 194+80

20TH ST

SIDEWALK CLOSED
R9-9
24"X12"

EXIST R/W

20'

M4-60D
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

MATCHLINE STA 495+50'J'

STH 11

496'J'

SIDEWALK CLOSED
R9-9
24"X12"

21ST ST

N

20'

DETOUR
M4-9BL
30"X24"

195+00

196+00

STH 80

197+00

END PROJECT 5330-02-73
BEGIN PROJECT 1706-06-71

198+00

BP: 10+00.00JE

199+00

13'

16'

200+00

STH 11/80

MATCHLINE STA 200+60

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BR
30"X24"

CTH W

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

21ST ST

MATCHLINE STA 200+60

22ND ST

N

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

M4-60R
30"X24"

EXIST R/W

201+00

202+00

203+00

204+00

205+00

206+00

STH 11/80

13'

16'

M4-60L
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

22ND ST

23RD ST

MATCHLINE STA 206+40

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 157	E

2

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 206+40

R9-9A 30"X18" SIDEWALK CLOSED AHEAD

M4-9BR 30"X24" DETOUR

207+00

208+00

209+00

210+00

211+00

212+00

EXIST R/W

13'

16'

STH 11/80

N MAIN ST

DETOUR M4-9BL 30"X24"

MATCHLINE STA 212+20

MATCHLINE STA 212+20

SIDEWALK CLOSED R9-9 24"X12"

26TH ST

M4-60L 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

23'

27TH ST

20'

SIDEWALK CLOSED R9-9 24"X12"

EXIST R/W

213+00

214+00

215+00

216+00

217+00

218+00

13'

16'

STH 11/80

26TH ST

27TH ST

MATCHLINE STA 218+00

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 158	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026101-S1B PED.DWG
LAYOUT NAME - 026104-s1b
PLOT DATE : 1/10/2025 7:49 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

MATCHLINE STA 218+00

28TH ST

29TH ST

M4-60R
30"X24"

19'

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

N

219+00

220+00

221+00

222+00

223+00

+47.24
0.00'

STH 11/80

REMOVE TEMPORARY MARKING

13'

16'

+23.95
0.00'

MATCHLINE STA 223+80

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 223+80

EXIST R/W

N

13'

16'

224+00

225+00

226+00

227+00

228+00

229+00

STH 11/80

18'

20'

MATCHLINE STA 229+60

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 159	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026101-S1B PED.DWG
LAYOUT NAME - 026105-s1b
PLOT DATE : 1/10/2025 7:49 AM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

MATCHLINE STA 229+60

230+00 231+00 232+00 233+00 234+00 235+00

18'
20'

STH 11/80

CURWEN LN

CURWEN DR

MATCHLINE STA 235+40

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

SHOULDER WORK
W21-5

N

MAX. 12' WIDTH
W12-52
48"X48"

ROAD WORK AHEAD
W20-1A

SHOULDER WORK
W21-5

M4-60R
30"X24"

EXIST R/W

350' 350' 350'

236+00 237+00 238+00 239+00 240+00 241+00

18'
18'

STH 11/80

FREIBURGER LN

END ROAD WORK
G20-2A
48"X24"

MATCHLINE STA 235+40

2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 160	E

2

2

OAK ST

END ROAD WORK
G20-2A
48"X24"

N

484'J' 485'J' 486'J' 487'J' 488'J' 489'J'

350'

STH 11

ROAD WORK AHEAD
W20-1A

OAK ST

MAX. 12' WIDTH
W12-52
48"X48"

ELM ST

SHOULDER WORK
W21-5

WILDCAT LN

MATCHLINE STA 489+50'J'

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

N

490'J' 491'J' 492'J' 493'J' 494'J' 495'J'

STH 11

MATCHLINE STA 489+50'J'

MATCHLINE STA 495+50'J'

SIDEWALK CLOSED AHEAD R9-9A 30"X18"

DETOUR M4-9BL 30"X24"

PINE ST

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 161	E

2

2

MATCHLINE STA 11+40'SM'

S MAIN ST

16TH ST

15TH ST

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

N

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 1B	SHEET 162	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026101-S1B PED.DWG
LAYOUT NAME - 026108-s1b

PLOT DATE : 1/10/2025 7:49 AM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

500'
500'
500'

172+00
173+00
174+00
STH 80
175+00
176+00
177+00

RECREATION DR

SHOULDER WORK
W21-5

ROAD WORK AHEAD
W20-1A

MAX. 12' WIDTH
W12-52
48"X48"

LEGEND
- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 177+40

MATCHLINE STA 177+40

EXIST R/W

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

12TH ST

M4-60D
30"X24"

13TH ST

N

N

178+00
179+00
180+00
181+00
STH 80
182+00
183+00

16'
13'

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

E 12TH ST

SIDEWALK CLOSED
R9-9
24"X12"

13'

13TH ST

SIDEWALK CLOSED
R9-9
24"X12"

MATCHLINE STA 183+20

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 163	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026201-s2a

PLOT DATE : 11/1/2024 10:28 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCHLINE STA 183+20

MATCHLINE STA 189+00

14TH ST

15TH ST

16TH ST

M4-60D
30"X24"

DETOUR M4-9BL 30"X24"

DETOUR M4-9BR 30"X24"

M4-60D
30"X24"

184+00

185+00

STH 80

186+00

187+00

188+00

189

16'

13'

19'

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR M4-9BR 30"X24"

SIDEWALK CLOSED R9-9 24"X12"

SIDEWALK CLOSED AHEAD R9-9A 30"X18"
DETOUR M4-9BR 30"X24"

S MAIN ST

16TH ST

S MAIN ST

N

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 164	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026202-s2a

PLOT DATE : 11/1/2024 10:28 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

MATCHLINE STA 189+00

17TH ST

18TH ST

19TH ST

STH 80

190+00

191+00

192+00

193+00

194+00

MATCHLINE STA 194+80

16'

13'

19'

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

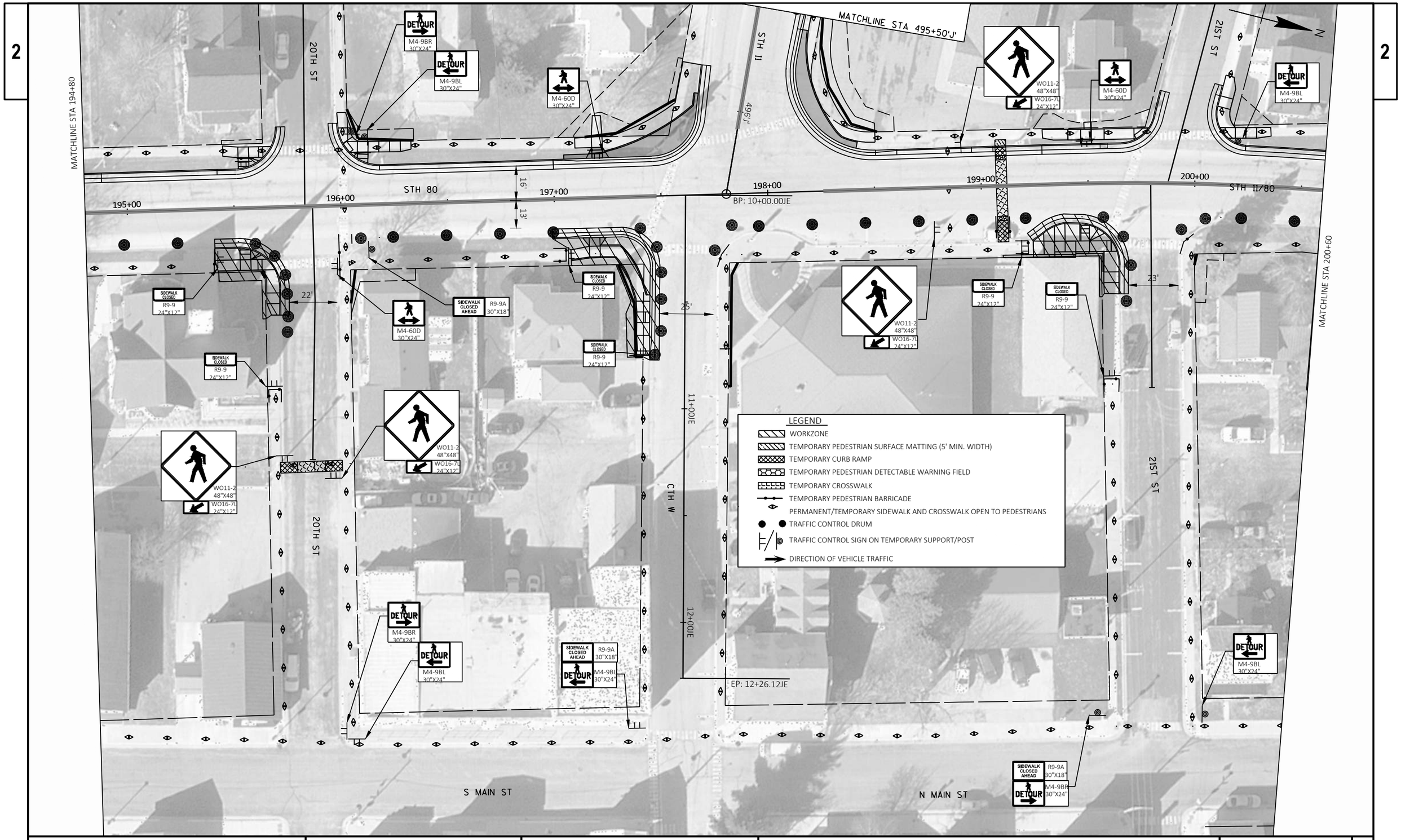
S MAIN ST

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 165	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026203-s2a

PLOT DATE : 11/1/2024 10:28 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 166	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026204-s2a

PLOT DATE : 11/1/2024 10:29 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA 200+60

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

WO11-2
48"X48"
WO16-7L
24"X12"

M4-60D
30"X24"

201+00

202+00

203+00

16'

13'

STH 11/80

204+00

205+00

206+00

22ND ST

N

2

MATCHLINE STA 206+43

22'

SIDEWALK CLOSED
R9-9
24"X12"

DETOUR
M4-9BR
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

WO11-2
48"X48"
WO16-7L
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

22ND ST

23RD ST

LEGEND

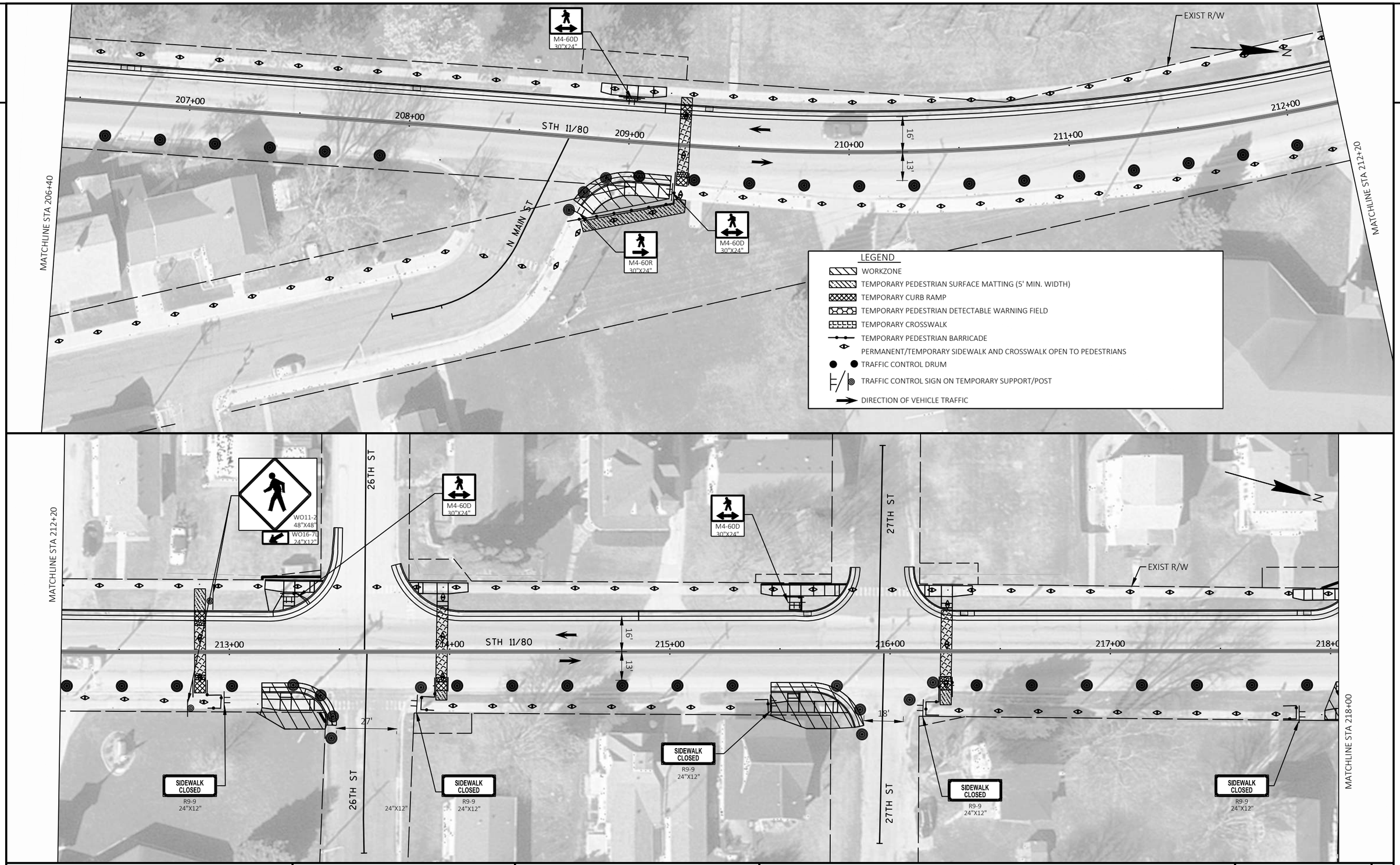
- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

N MAIN ST

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 167	E

2



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 168	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026206-s2a

PLOT DATE : 11/1/2024 10:29 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 169	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026207-s2a
PLOT DATE : 11/1/2024 10:29 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

MATCHLINE STA 229+60

230+00 231+00 232+00 233+00 STH 11/80 234+00 235+00

CURWEN LN

SHOULDER WORK W21-5

CURWEN DR

EXIST R/W

MATCHLINE STA 235+40

N

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 235+40

N

EXIST R/W

236+00 237+00 238+00 239+00 STH 11/80 240+00 241+00

19'

19'

FREIBURGER LN

MATCHLINE STA 241+20

2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 170	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026208-s2a

PLOT DATE : 11/1/2024 10:29 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCHLINE STA 241+20

242+00

243+00

244+00

STH 11/80

245+00

246+00

247+00

16'

16'

MARKING REMOVAL LINE 6-INCH

TEMPORARY MARKING LINE
PAINT 6-INCH (DOUBLE YELLOW)

LEADMINE ST

MATCHLINE STA 247+15

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

LOUISBURG RD

MATCHLINE STA 247+15

MARKING REMOVAL LINE 6-INCH

16'

16'

248+00

249+00

250+00

STH 11/80

251+00

252+00

253+00

16'

14'

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

MATCHLINE STA 253+25

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 171	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026209-s2a

PLOT DATE : 11/1/2024 10:29 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

5

MATCHLINE STA 253+25

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MARKING REMOVAL LINE 6-INCH

16'

14'

STH 11/80

254+00 255+00 256+00 257+00 258+00 259+00

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

MATCHLINE STA 259+35

N

MATCHLINE STA 259+35

N

SHOULDER WORK W21-5

MAX. 12' WIDTH W12-52 48"X48"

ROAD WORK AHEAD W20-1A

MARKING REMOVAL LINE 6-INCH

STH 11/80

260+00 261+00 262+00 263+00 264+00 265+00

500' 500'

TEMPORARY MARKING LINE PAINT 6-INCH (DOUBLE YELLOW)

END ROAD WORK G20-2A 48"X24"

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 172	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026210-s2a

PLOT DATE : 11/1/2024 10:29 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

OAK ST

END ROAD WORK
G20-2A
48"X24"

N

484'J'

485'J'

486'J'

487'J'

488'J'

489'J'

350'

STH 11

ROAD WORK AHEAD
W20-1A

OAK ST

MAX. 12' WIDTH
W12-52
48"X48"

ELM ST

SHOULDER WORK
W21-5

WILDCAT LN

MATCHLINE STA 489+50

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 489+50

N

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

490'J'

491'J'

492'J'

STH 11

493'J'

494'J'

495'J'

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

DETOUR
M4-9BL
30"X24"

PINE ST

MATCHLINE STA 495+50

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2A	SHEET 173	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026201-S2A PED.DWG
LAYOUT NAME - 026211-s2a

PLOT DATE : 11/1/2024 10:29 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

END ROAD WORK
G20-2A
48"X24"

EXIST R/W

500'
500'
500'

172+00
173+00
174+00
STH 80
175+00
176+00
177+00

RECREATION DR

SHOULDER WORK
W21-5

ROAD WORK AHEAD
W20-1A

MAX. 12' WIDTH
W12-52
48"X48"

LEGEND
- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 177+40

N

MATCHLINE STA 177+40

WO11-2
48"X48"
WO16-7L
24"X12"
EXIST R/W

M4-60D
30"X24"

12TH ST

M4-60D
30"X24"

13TH ST

N

178+00
179+00
180+00
16'
13'
STH 80
181+00
182+00
183+00

23'

SIDEWALK CLOSED
R9-9

E 12TH ST

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
M4-9BR
30"X24"

13TH ST

SIDEWALK CLOSED
R9-9
24"X12"

MATCHLINE STA 183+20

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 174	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026301-s2b

PLOT DATE : 11/1/2024 10:30 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA 183+20

14TH ST

15TH ST

16TH ST

184+00

185+00

186+00

187+00

188+00

189

16'

13'

N

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED
R9-9
24"X12"

S MAIN ST

R9-9A
30"X18"
SIDEWALK CLOSED AHEAD

M4-9BR
30"X24"
DETOUR

MATCHLINE STA 189+00

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 175	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026302-s2b

PLOT DATE : 11/1/2024 10:30 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

17TH ST

18TH ST

19TH ST

M4-60D
30"X24"

DETOUR
M4-9BL
30"X24"

DETOUR
M4-9BR
30"X24"

EXIST R/W

N

+00

190+00

191+00

192+00

STH 80

193+00

194+00

16'

13'

18'

19'

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

MATCHLINE STA 189+00

MATCHLINE STA 194+80

S MAIN ST

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 176	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026303-s2b

PLOT DATE : 11/1/2024 10:30 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

MATCHLINE STA 194+80

MATCHLINE STA 495+50'J'

MATCHLINE STA 200+60

20TH ST

21ST ST

STH 11

STH 80

STH 11/80

CTH W

S MAIN ST

END PROJECT 5330-02-73
BEGIN PROJECT 1706-06-71

EXIST R/W

195+00 196+00 197+00 198+00 199+00 200+00

BP: 10+00.00JE

EP: 12+26.12JE

11+00JE

12+00JE

496'

16'

13'

22'

26'

25'

M4-9BR 30"X24"
M4-9BL 30"X24"
M4-60D 30"X24"
R9-9A 30"X18"
SIDEWALK CLOSED AHEAD
SIDEWALK CLOSED R9-9 24"X12"
WO11-2 48"X48"
WO16-7L 24"X12"

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 177	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026304-s2b
PLOT DATE : 11/1/2024 10:30 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

22ND ST

N

16'

13'

201+00

202+00

203+00

204+00

205+00

206+00

STH 11/80

22ND ST

S MAIN ST

MATCHLINE STA 200+60

MATCHLINE STA 206+40

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 178	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026305-s2b

PLOT DATE : 11/1/2024 10:30 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

MATCHLINE STA 206+40

MATCHLINE STA 212+20

MATCHLINE STA 212+20

MATCHLINE STA 218+00

N

N

EXIST R/W

EXIST R/W

STH 11/80

STH 11/80

N MAIN ST

26TH ST

26TH ST

27TH ST

27TH ST

207+00

208+00

209+00

210+00

211+00

212+00

213+00

214+00

215+00

216+00

217+00

218+00

16'

13'

16'

13'

28'

16'

M4-60D
30"X24"

M4-60R
30"X24"

M4-60D
30"X24"

M4-9BR
30"X24"

M4-60D
30"X24"

M4-9BL
30"X24"

SIDEWALK
CLOSED
R9-9

M4-60L
30"X24"

SIDEWALK
CLOSED
R9-9
24"X12"

24"X12"

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 179	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026306-s2b

PLOT DATE : 11/1/2024 10:31 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 180	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026307-s2b
PLOT DATE : 11/1/2024 10:31 AM
PLOT BY : MIKE LISKA
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

MATCHLINE STA 229+60

230+00 231+00 232+00 233+00 STH 11/80 234+00 235+00

CURWEN LN

SHOULDER WORK
W21-5

EXIST R/W

CURWEN DR

MATCHLINE STA 235+40

N

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 235+40

N

EXIST R/W

236+00 237+00 238+00 239+00 STH 11/80 240+00 241+00

FREIBURGER LN

MATCHLINE STA 241+20

2

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 181	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026308-s2b

PLOT DATE : 11/1/2024 10:31 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCHLINE STA 241+20

STH 11/80

242+00 243+00 244+00 245+00 246+00 247+00

16'

13'

38'

LEADMINE ST

MATCHLINE STA 247+15

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 247+15

LOUISBURG RD

16'

16'

248+00 249+00 250+00 251+00 252+00 253+00

STH 11/80

16'

14'

MATCHLINE STA 253+25

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 182	E

2

MATCHLINE STA 253+25

LOUISBURG ST

END PROJECT 1706-06-71
END CONSTRUCTION
STA 259+33.81
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

254+00 255+00 256+00 257+00 258+00 259+00

16'

14'

STH 11/80

MATCHLINE STA 259+35

2

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

N

MATCHLINE STA 259+35

SHOULDER WORK
W21-5

MAX. 12' WIDTH
W12-52
48"X48"

ROAD WORK AHEAD
W20-1A

260+00 261+00 262+00 263+00 264+00 265+00

STH 11/80

500' 500'

END ROAD WORK
G20-2A
48"X24"

MATCHLINE STA 259+35

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 183	E

2

2

MATCHLINE STA 477+40

472'J'

473'J'

474'J'

475'J'

476'J'

477'J'

STH 11

ROAD WORK AHEAD
W20-1A

MAX. 12' WIDTH
W12-52
48"X48"

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

END ROAD WORK
G20-2A
48"X24"

MATCHLINE STA 477+40

478'J'

479'J'

480'J'

481'J'

482'J'

483'J'

STH 11

SHOULDER WORK
W21-5

MATCHLINE STA 483+40

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 184	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026311-s2b

PLOT DATE : 11/1/2024 10:31 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

MATCHLINE STA 483+40

OAK ST

18'

M4-60R
30"X24"

STH 11

484'J'

485'J'

486'J'

487'J'

488'J'

489'J'

20'

13'

OAK ST

M4-60R
30"X24"

M4-60L
30"X24"

M4-60R
30"X24"

25'

ELM ST

M4-60L
30"X24"

M4-60L
30"X24"

WILDCAT LN

M4-60R
30"X24"

MATCHLINE STA 489+50

2

N

LEGEND

- WORKZONE
- TEMPORARY PEDESTRIAN SURFACE MATTING (5' MIN. WIDTH)
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL SIGN ON TEMPORARY SUPPORT/POST
- DIRECTION OF VEHICLE TRAFFIC

MATCHLINE STA 489+50

N

DETOUR
M4-9BL
30"X24"

490'J'

491'J'

STH 11

492'J'

493'J'

494'J'

495'J'

16'

13'

22'

M4-60L
30"X24"

M4-60R
30"X24"

M4-60R
30"X24"

PINE ST

M4-60L
30"X24"

DETOUR
M4-9BL
30"X24"

MATCHLINE STA 495+50

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	TRAFFIC CONTROL AND PEDESTRIAN ACCOMMODATION - STAGE 2B	SHEET 185	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\026301-S2B PED.DWG
LAYOUT NAME - 026312-s2b

PLOT DATE : 11/1/2024 10:31 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 115+75

N

PI STA = 113+11.84
Y = 400675.488
X = 893303.978
DELTA = 31°35'51" LT
D = 4°59'59"
T = 324.26'
L = 632.00'
R = 1146.00'
PC STA = 109+87.59
Y = 400379.782
X = 893170.931
PT STA = 116+19.58
Y = 400997.065
X = 893262.365
DB = N24°13'28"E
DA = N07°22'23"W
SE RATE = MATCH EXISTING

PC: 109+87.59

104+00 N24°13'28"E 106+00 STH 80 108+00 110+00 112+00 114+00

BEGIN CONSTRUCTION 5330-02-73
STA 102+49.39
X=892868.0437
Y=399706.5906

PT: 116+19.58

116+00 118+00 120+00 122+00 STH 80 124+00 N7°22'23"W 126+00 128+00 130+00

SINSINAWA RD

N89°26'31"E

00+SN,8

N

EP: 10+00.00

STA. 129+54.46 STH 80
STA 10+00 "SN"

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ALIGNMENT DETAILS	SHEET 186	E

2

N

PC: 133+06.88

132+00

134+00

136+00

STH 80

138+00

140+00

142+00

STA. 142+93.52 STH 80
STA 10+00 "BU"

BP: 10+00.00

144+00

146+00

PI STA = 137+03.65
Y = 403063.899
X = 892994.914
DELTA = 23°28'14" RT
D = 2°59'59"
T = 396.77'
L = 782.41'
R = 1910.00'
PC STA = 133+06.88
Y = 402670.409
X = 893045.832
PT STA = 140+89.29
Y = 403445.113
X = 893104.928
DB = N07°22'23"W
DA = N16°05'51"E
SE RATE = MATCH EXISTING

PT: 140+89.29

S89°48'08"E

BUNCOMBE RD

127BU+00

MATCH LINE 131+50

N

148+00

150+00

N16°05'51"E 152+00

154+00

STH 80

156+00

158+00

160+00

162+00

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ALIGNMENT DETAILS	SHEET 187	E

2

PC: 163+48.41

164+00

166+00

168+00

PI STA = 168+67.00
Y = 406113.910
X = 893875.111
DELTA = 29°47'07" LT
D = 2°56'18"
T = 518.59'
L = 1013.71'
R = 1950.00'
PC STA = 163+48.41
Y = 405615.658
X = 893731.321
PT STA = 173+62.12
Y = 406617.768
X = 893752.398
DB = N16°05'51"E
DA = N13°41'16"W
SE RATE = MATCH EXISTING

170+00

STA. 172+67.33 STH 80
STA 10+00 "RE"

172+00

PT: 173+62.12

174+00

STH 80

176+00

178+00

MATCH LINE 178+7

N

2

BP: 10+00.00

RECREATION DR
S89°30'26"E

EP: 11+34.47

BP: 8+40.07

12TH ST
N75°36'08"E

STA. 179+78.03 STH 80
STA 10+00 "AW"

STA. 181+80.34 STH 80
STA 10+00 "BW"

PI: 9+62.40

N78°36'41"E

180+00 N13°41'16"W

BP: 9+04.42

13TH ST
N75°34'14"E

182+00

STA. 183+82.76 STH 80
STA 10+00 "C"

BP: 8+96.61

14TH ST
N76°31'46"E

PI: 9+45.15

N74°22'56"E

184+00

N13°41'16"W

BP: 8+78.89

15TH ST
N78°33'34"E

BP: 9+26.56

STA. 187+82.13 STH 80
STA 10+00 "EW"

186+00

16TH ST
N76°06'37"E

188+00

STH 80

BP: 8+87.54

17TH ST
N73°57'46"E

STA. 189+84.43 STH 80
STA 10+00 "FW"

PT: 190+49.51

190+00

BP: 8+84.68

BP: 9+05.31

18TH ST
N73°46'27"E

STA. 191+81.90 STH 80
STA 10+00 "GW"

192+00

19TH ST
N75°01'07"E

194+00

10TH ST

12TH ST
N81°51'46"E

STA. 181+99.09 STH 80
STA 10+00 "BE"

STA. 179+12.27 STH 80
STA 10+00 "AE"

EP: 11+56.30

13TH ST
N77°58'15"E

EP: 10+90.14

STA. 183+69.07 STH 80
STA 10+00 "SM"

N17°59'04"E

S MAIN ST

EP: 11+71.37

PC: 185+82.73

STA. 185+76.61 STH 80
STA 10+00 "D"

STA. 187+82.46 STH 80
STA 10+00 "EE"

16TH ST
N77°03'43"E

EP: 11+21.21

PI STA = 188+16.15
Y = 408030.499
X = 893408.332
DELTA = 2°19'32" LT
D = 0°29'54"
T = 233.42'
L = 466.78'
R = 11500.00'
PC STA = 185+82.73
Y = 407803.707
X = 893463.566
PT STA = 190+49.51
Y = 408254.864
X = 893343.940
DB = N13°41'16"W
DA = N16°00'48"W
SE RATE = MATCH EXISTING

17TH ST
N74°31'05"E

STA. 189+83.37 STH 80
STA 10+00 "FE"

EP: 10+96.79

EP: 11+11.36

18TH ST
N73°33'38"E

STA. 191+84.73 STH 80
STA 10+00 "GE"

STA. 193+84.84 STH 80
STA 10+00 "H"

19TH ST

EP: 11+11.11

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ALIGNMENT DETAILS	SHEET 188	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 27
PLOT DATE : 7/31/2024 1:25 PM
PLOT BY : HUTSON KANE
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

N

MATCH LINE 194+50

20TH ST
N75°13'04"E
PI: 8+46.61

STA. 197+80.56 STH 80
STA 496+39.05 "J"

STA. 197+61.52 STH 80
STA 10+00 "JE"

STA. 195+83.27 STH 80
STA 10+00 "IW"

N16°00'48"W

PI: 10+44.11

N76°31'24"E
N74°08'01"E
20TH ST
EP: 11+18.63

STA. 195+86.64 STH 80
STA 10+00 "IE"

END CONSTRUCTION 5330-02-73
BEGIN CONSTRUCTION 1706-06-71

STH 11
N85°27'38"E
PC: 199+38.18

CTH W
N76°00'00"E
EP: 12+26.12

21ST ST
S89°35'17"E
BP: 8+79.66

STA. 199+79.39 STH 80
STA 10+00 "KE"

21ST ST
N75°19'33"E
EP: 10+95.68

STA. 199+87.38 STH 80
STA 10+00 "KW"

STA. 202+14.29 STH 80
STA 10+00 "LE"

PT: 202+84.64

22ND ST
EP: 10+80.73

STA BACK = 202+94.14
STA AHEAD = 202+97.37

PI STA = 201+12.75
Y = 409276.848
X = 893050.633
DELTA = 17°21'08" RT
D = 5°00'30"
T = 174.57'
L = 346.46'
R = 1144.00'
PC STA = 199+38.18
Y = 409109.055
X = 893098.789
PT STA = 202+84.64
Y = 409451.368
X = 893054.712
DB = N16°00'48"W
DA = N01°20'20"E
SE RATE = MATCH EXISTING

22ND ST
S89°05'02"E
BP: 9+26.79

STA. 203+30.64 STH 80
STA 10+00 "LW"

N1°20'20"E

PI: 204+84.91
PI: 205+25.97

N0°03'25"W

23RD ST
N76°14'53"E
EP: 11+62.48

STA. 204+46.15 STH 80
STA 10+00 "M"

N1°20'20"E

PI: 208+15.01
PI: 209+00.03
PC: 209+31.94

N2°00'46"E

STA. 208+72.96 STH 80
STA 10+00 "M"

N1°20'20"E

N MAIN ST
S66°39'08"E
S14°58'38"E
PC: 10+53.33
EP: 11+22.78
PT: 11+02.93

PI STA = 210+88.20
Y = 410251.455
X = 893073.410
DELTA = 17°05'23" LT
D = 5°30'33"
T = 156.26'
L = 310.20'
R = 1040.00'
PC STA = 209+31.94
Y = 410095.236
X = 893069.759
PT STA = 212+42.14
Y = 410401.850
X = 893030.992
DB = N01°20'20"E
DA = N15°45'03"W
SE RATE = MATCH EXISTING

PT: 212+42.14

26TH ST
N74°41'52"E
BP: 8+95.85

STA. 213+61.37 STH 80
STA 10+00 "NW"

STA. 213+62.50 STH 80
STA 10+00 "NE"

N75°38'53"E
26TH ST
PC: 10+60.48
EP: 10+91.35

STA. 215+94.78 STH 80
STA 10+00 "OW"

N15°45'03"W

27TH ST
N75°25'13"E
BP: 9+06.59

STA. 215+97.19 STH 80
STA 10+00 "OE"

27TH ST
N75°36'02"E
EP: 10+87.16

28TH ST
N74°40'18"E
BP: 9+05.77
PC: 219+14.92

STA. 218+24.56 STH 80
STA 10+00 "P"

29TH ST
N76°24'25"E
BP: 8+74.72
PT: 221+46.87

STA. 220+48.68 STH 80
STA 10+00 "Q"

PI STA = 220+31.10
Y = 411161.183
X = 892816.824
DELTA = 8°18'21" RT
D = 3°34'52"
T = 116.18'
L = 231.95'
R = 1600.00'
PC STA = 219+14.92
Y = 411049.369
X = 892848.361
PT STA = 221+46.87
Y = 411276.380
X = 892801.770
DB = N15°45'03"W
DA = N07°26'42"W
SE RATE = MATCH EXISTING

N7°26'42"W

PI: 224+12.22
PI: 224+94.39
PI: 225+81.15

N8°41'53"W

N10°25'51"W

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ALIGNMENT DETAILS	SHEET 189	E

2

2

N

STA. 231+79.89 STH 80
STA 10+00 "CS"

STA. 234+83.96 STH 80
STA 10+00 "CN"

STA. 238+01.20 STH 80
STA 10+00 "FR"

00 228+00 STH 80 230+00 232+00 234+00 236+00 238+00 240+00 N8°41'53"W

CURWEN LN
N81°18'07"E
EP: 11+04.79

CURWEN DR
N76°18'07"E
EP: 10+76.37

FREIBURGER LN
N88°44'54"E
EP: 10+92.56

N

LOUISBURG ST
8'LO+00
PC: 8+76.55

STA. 244+55.68 STH 80
STA 10+00 "LM"

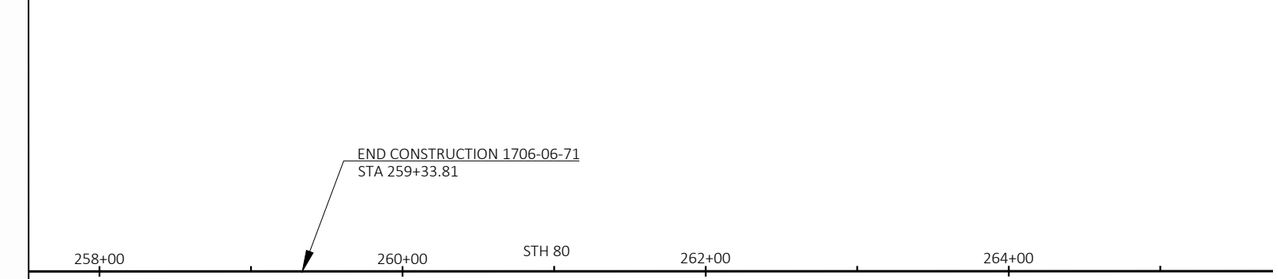
242+00 244+00 N8°41'53"W 246+00 STH 80 248+00 N8°41'53"W 250+00 252+00 254+00 256+00

STA. 251+35.97 STH 80
STA 10+00 "LO"

LEADMINE ST
12'LM+00
S89°48'49"E

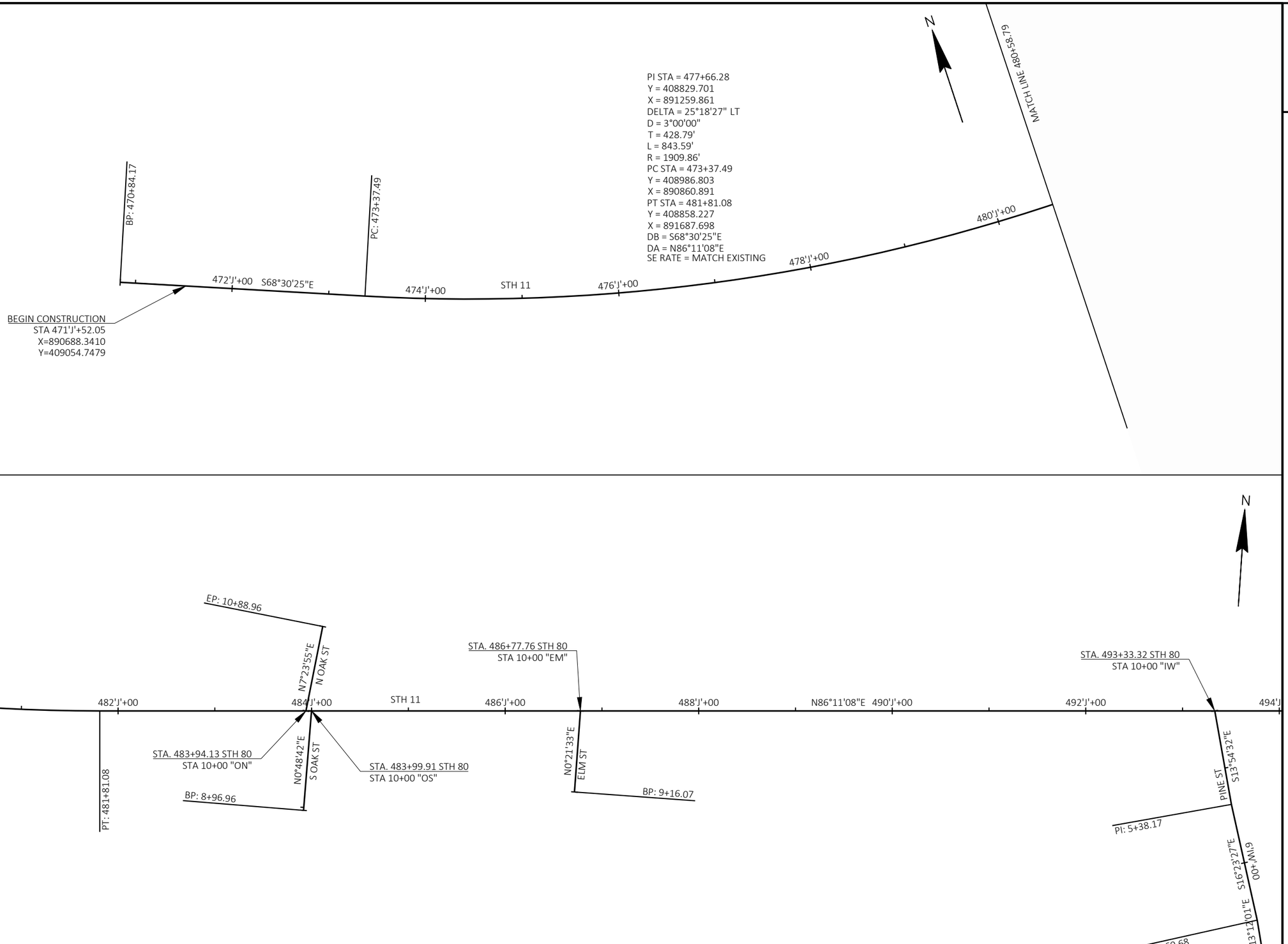
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ALIGNMENT DETAILS	SHEET 190	E

2



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ALIGNMENT DETAILS	SHEET 191	E

2



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	ALIGNMENT DETAILS	SHEET 192	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 37
PLOT DATE : 7/31/2024 1:25 PM
PLOT BY : HUTSON KANE
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1706-06-71 Qty	5330-02-73 Qty
0002	201.0220	Grubbing	ID	90.000	36.000	54.000
0004	203.0100	Removing Small Pipe Culverts	EACH	1.000		1.000
0006	204.0110	Removing Asphaltic Surface	SY	1,745.000	1,014.000	731.000
0008	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,360.000	680.000	680.000
0010	204.0120	Removing Asphaltic Surface Milling	SY	71,580.000	35,760.000	35,820.000
0012	204.0150	Removing Curb & Gutter	LF	7,700.000	4,791.000	2,909.000
0014	204.0155	Removing Concrete Sidewalk	SY	1,255.000	779.000	476.000
0016	204.0220	Removing Inlets	EACH	1.000	1.000	
0018	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	11.000	11.000	
0020	204.9060.S	Removing (item description) 01. Endwalls	EACH	1.000		1.000
0022	204.9180.S	Removing (item description) 01. Distressed Pavement Milling	SY	710.000	352.000	358.000
0024	205.0100	Excavation Common	CY	2,218.000	2,187.000	31.000
0026	208.0100	Borrow	CY	503.000		503.000
0028	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 1706-06-71	EACH	1.000	1.000	
0030	211.0101	Prepare Foundation for Asphaltic Paving (project) 02. 5330-02-73	EACH	1.000		1.000
0032	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	160.000	20.000	140.000
0034	213.0100	Finishing Roadway (project) 01. 1706-06-71	EACH	1.000	1.000	
0036	213.0100	Finishing Roadway (project) 02. 5330-02-73	EACH	1.000		1.000
0038	305.0110	Base Aggregate Dense 3/4-Inch	TON	400.000	220.000	180.000
0040	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2,175.000	2,002.000	173.000
0042	311.0110	Breaker Run	TON	1,491.000	1,491.000	
0044	405.0100	Coloring Concrete WisDOT Red	CY	35.000	35.000	
0046	415.2010	Concrete Truck Apron 12-inch	SY	105.000	105.000	
0048	455.0605	Tack Coat	GAL	9,360.000	4,520.000	4,840.000
0050	460.2000	Incentive Density HMA Pavement	DOL	12,850.000	6,810.000	6,040.000
0052	460.6223	HMA Pavement 3 MT 58-28 S	TON	8,760.000	6,320.000	2,440.000
0054	460.6224	HMA Pavement 4 MT 58-28 S	TON	5,620.000		5,620.000
0056	460.6424	HMA Pavement 4 MT 58-28 H	TON	5,840.000	4,470.000	1,370.000
0058	465.0105	Asphaltic Surface	TON	600.000	336.000	264.000
0060	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	133.000	20.000	113.000
0062	465.0315	Asphaltic Flumes	SY	19.000	19.000	
0064	465.0520	Asphaltic Rumble Strips, Shoulder	LF	10,699.000	1,875.000	8,824.000
0066	465.0560	Asphaltic Rumble Strips, Centerline	LF	4,600.000	795.000	3,805.000
0068	520.1030	Apron Endwalls for Culvert Pipe 30-Inch	EACH	1.000		1.000
0070	520.3330	Culvert Pipe Class III-A 30-Inch	LF	88.000		88.000
0072	520.8000	Concrete Collars for Pipe	EACH	2.000	1.000	1.000
0074	521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH	1.000		1.000
0076	521.1530	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 30-Inch 6 to 1	EACH	1.000		1.000
0078	521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF	8.000	8.000	
0080	521.3136	Culvert Pipe Corrugated Steel 36-Inch	LF	12.000		12.000
0082	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	6,397.000	3,572.000	2,825.000
0084	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	562.000	461.000	101.000
0086	601.0576	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type J	LF	358.000	358.000	
0088	601.0600	Concrete Curb Pedestrian	LF	495.000	399.000	96.000
0090	602.0405	Concrete Sidewalk 4-Inch	SF	14,285.000	8,621.000	5,664.000
0092	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	830.000	430.000	400.000
0094	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	224.900	129.400	95.500
0096	602.0810	Concrete Driveway 6-Inch	SY	60.000	40.000	20.000
0098	602.1500	Concrete Steps	SF	33.000	12.000	21.000

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1706-06-71 Qty	5330-02-73 Qty
0100	606.0200	Riprap Medium	CY	5.000		5.000
0102	611.0430	Reconstructing Inlets	EACH	24.000	14.000	10.000
0104	611.0627	Inlet Covers Type HM	EACH	1.000	1.000	
0106	611.3230	Inlets 2x3-FT	EACH	1.000	1.000	
0108	611.8110	Adjusting Manhole Covers	EACH	7.000	7.000	
0110	611.8120.S	Cover Plates Temporary	EACH	28.000	14.000	14.000
0112	618.0100	Maintenance and Repair of Haul Roads (project) 01. 1706-06-71	EACH	1.000	1.000	
0114	618.0100	Maintenance and Repair of Haul Roads (project) 02. 5330-02-73	EACH	1.000		1.000
0116	619.1000	Mobilization	EACH	1.000	0.500	0.500
0118	624.0100	Water	MGAL	25.700	22.200	3.500
0120	625.0100	Topsoil	SY	7,754.000	5,048.000	2,706.000
0122	628.1504	Silt Fence	LF	2,434.000	2,074.000	360.000
0124	628.1520	Silt Fence Maintenance	LF	2,434.000	2,074.000	360.000
0126	628.1905	Mobilizations Erosion Control	EACH	9.000	6.000	3.000
0128	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	2.000	1.000
0130	628.2002	Erosion Mat Class I Type A	SY	4,114.000	2,651.000	1,463.000
0132	628.2006	Erosion Mat Urban Class I Type A	SY	4,471.000	3,170.000	1,301.000
0134	628.7015	Inlet Protection Type C	EACH	74.000	48.000	26.000
0136	628.7504	Temporary Ditch Checks	LF	46.000	38.000	8.000
0138	628.7555	Culvert Pipe Checks	EACH	6.000		6.000
0140	629.0210	Fertilizer Type B	CWT	6.000	4.000	2.000
0142	630.0110	Seeding Mixture No. 10	LB	113.000	73.000	40.000
0144	630.0140	Seeding Mixture No. 40	LB	165.000	109.000	56.000
0146	630.0500	Seed Water	MGAL	182.000	119.000	63.000
0148	633.5200	Markers Culvert End	EACH	3.000		3.000
0150	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	13.000	11.000	2.000
0152	637.2210	Signs Type II Reflective H	SF	56.500	30.000	26.500
0154	638.2102	Moving Signs Type II	EACH	59.000	37.000	22.000
0156	638.2602	Removing Signs Type II	EACH	5.000	2.000	3.000
0158	638.3000	Removing Small Sign Supports	EACH	11.000	11.000	
0160	638.4000	Moving Small Sign Supports	EACH	47.000	23.000	24.000
0162	642.5201	Field Office Type C	EACH	1.000	0.500	0.500
0164	643.0300	Traffic Control Drums	DAY	29,890.000	19,230.000	10,660.000
0166	643.0420	Traffic Control Barricades Type III	DAY	66.000		66.000
0168	643.0705	Traffic Control Warning Lights Type A	DAY	132.000		132.000
0170	643.0900	Traffic Control Signs	DAY	10,977.000	5,461.000	5,516.000
0172	643.1050	Traffic Control Signs PCMS	DAY	21.000	14.000	7.000
0174	643.3165	Temporary Marking Line Paint 6-Inch	LF	84,752.000	41,700.000	43,052.000
0176	643.5000	Traffic Control	EACH	1.000	0.500	0.500
0178	644.1440	Temporary Pedestrian Surface Matting	SF	6,207.000	3,729.000	2,478.000
0180	644.1601	Temporary Pedestrian Curb Ramp	DAY	1,525.000	960.000	565.000
0182	644.1605	Temporary Pedestrian Detectable Warning Field	SF	854.000	524.000	330.000
0184	644.1810	Temporary Pedestrian Barricade	LF	4,124.000	2,606.000	1,518.000
0186	645.0120	Geotextile Type HR	SY	17.000		17.000
0188	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	52,313.000	23,512.000	28,801.000
0190	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	150.000	150.000	
0192	646.5020	Marking Arrow Epoxy	EACH	2.000	2.000	
0194	646.6120	Marking Stop Line Epoxy 18-Inch	LF	37.000	37.000	
0196	646.7120	Marking Diagonal Epoxy 12-Inch	LF	339.000	339.000	

Estimate Of Quantities

Line	Item	Item Description	Unit	Total	1706-06-71 Qty	5330-02-73 Qty
0198	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	658.000	615.000	43.000
0200	646.9002	Marking Removal Line 6-Inch	LF	9,010.000	5,083.000	3,927.000
0202	648.0100	Locating No-Passing Zones	MI	3.540	1.770	1.770
0204	650.4000	Construction Staking Storm Sewer	EACH	1.000	1.000	
0206	650.4500	Construction Staking Subgrade	LF	1,437.000	1,437.000	
0208	650.5000	Construction Staking Base	LF	1,437.000	1,437.000	
0210	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	7,628.000	4,702.000	2,926.000
0212	650.6000	Construction Staking Pipe Culverts	EACH	2.000		2.000
0214	650.8000	Construction Staking Resurfacing Reference	LF	18,170.000	8,638.000	9,532.000
0216	650.8501	Construction Staking Electrical Installations (project) 01. 1706-06-71	EACH	1.000	1.000	
0218	650.9000	Construction Staking Curb Ramps	EACH	94.000	46.000	48.000
0220	650.9500	Construction Staking Sidewalk (project) 01. 1706-06-71	EACH	1.000	1.000	
0222	650.9500	Construction Staking Sidewalk (project) 02. 5330-02-73	EACH	1.000		1.000
0224	650.9911	Construction Staking Supplemental Control (project) 01. 1706-06-71	EACH	1.000	1.000	
0226	650.9911	Construction Staking Supplemental Control (project) 02. 5330-02-73	EACH	1.000		1.000
0228	650.9920	Construction Staking Slope Stakes	LF	3,015.000	2,020.000	995.000
0230	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	65.000	65.000	
0232	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	185.000	185.000	
0234	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	3.000	3.000	
0236	654.0105	Concrete Bases Type 5	EACH	4.000	4.000	
0238	654.0230	Concrete Control Cabinet Bases Type L30	EACH	1.000	1.000	
0240	655.0610	Electrical Wire Lighting 12 AWG	LF	660.000	660.000	
0242	655.0620	Electrical Wire Lighting 8 AWG	LF	1,656.000	1,656.000	
0244	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. Cabinet A	EACH	1.000	1.000	
0246	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	4.000	4.000	
0248	657.0322	Poles Type 5-Aluminum	EACH	4.000	4.000	
0250	657.0615	Luminaire Arms Single Member 4 1/2-Inch Clamp 8-FT	EACH	4.000	4.000	
0252	659.1120	Luminaires Utility LED B	EACH	4.000	4.000	
0254	659.2130	Lighting Control Cabinets 120/240 30-Inch	EACH	1.000	1.000	
0256	690.0150	Sawing Asphalt	LF	9,585.000	6,415.000	3,170.000
0258	690.0250	Sawing Concrete	LF	919.000	451.000	468.000
0260	740.0440	Incentive IRI Ride	DOL	13,016.000	5,795.000	7,221.000
0262	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,000.000	2,000.000	
0264	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	1,320.000	1,320.000	
0266	SPV.0060	Special 01. Adjusting Water Valve Box	EACH	47.000	33.000	14.000
0268	SPV.0060	Special 02. Adjusting Water Service Curb Box	EACH	13.000	6.000	7.000
0270	SPV.0060	Special 03. Adjusting Sanitary Manholes	EACH	28.000	14.000	14.000
0272	SPV.0060	Special 04. Research and Locate Existing Land Parcel Monuments	EACH	71.000	35.000	36.000
0274	SPV.0060	Special 05. Verify and Replace Existing Land Parcel Monuments	EACH	71.000	35.000	36.000

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GRUBBING

STATION	OFFSET	HWY	LOCATION	201.0220 GRUBBING ID	REMARKS
			5330-02-73		
146+38	- 55 RT	STH 80	PIPE EXTENSION	30	24-INCH DIAMETER, 6-INCH DIAMETER
196+11	- 32 RT	STH 80	C&G NE STH 80 AND 20TH ST	24	24-INCH DIAMETER
5330-02-73 SUBTOTAL				54	
			1706-06-71		
197+28	36 LT	STH 80	SW TRUCK APRON NEAR SIDEWALK CARRIAGE	36	36-INCH DIAMETER
1706-06-71 SUBTOTAL				36	
			TOTAL	**90**	

REMOVING ANCILLARY CONCRETE

STATION	STATION	HWY	LOCATION	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	REMARKS
			5330-02-73			
102+50	- 172+57	STH 80	SOUTH PROJECT LIMIT TO C&G	101	--	
172+57	- 197+00	STH 80	C&G SOUTH OF STH 11	2,808	476	
5330-02-73 SUBTOTAL				2,909	476	
			1706-06-71			
471+52	- 487+50	STH 11	WEST PROJECT LIMIT TO ELM ST	175	83	
487+50	- 494+05	STH 11	ELM ST TO STH 80/ STH 11	134	66	
197+00	- 238+50	STH 80/11	STH 80/STH 11 INT. TO FREIBURGER	3,521	631	
238+50	- 259+34	STH 80/11	FREIBURGER TO EOP	477	--	
CATEGORY 0010 SUBTOTAL				4,307	779	
244+59	- 259+34	STH 80/11	LOUISBURG RD NB LEFT TURN LANE	484	--	
CATEGORY 0040 SUBTOTAL				484	0	
1706-06-71 SUBTOTAL				4,791	779	
			TOTAL	**7,700**	**1,255**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

REMOVING PIPES

CAT	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	204.0220 REMOVING INLETS EACH	204.0245.01 REMOVING STORM SEWER 12-INCH LF	204.9060.S REMOVING ENDWALLS EACH	REMARKS
		5330-02-73					
0010	10+46	BUNCOMBE RD	1	--	--	--	
0010	146+37	STH 80	--	--	--	1	
5330-02-73 TOTAL			1	0	0	1	
		1706-06-71					
0040	247+21	STH 80	--	1	11	--	
1706-06-71 TOTAL			0	1	11	0	
		TOTAL	**1**	**1**	**11**	**1**	

REMOVING ASPHALTIC SURFACE MILLING

STATION	STATION	HWY	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.9180.S.01 REMOVING DISTRESSED PAVEMENT MILLING SY	REMARKS
			5330-02-73					
102+50	172+88	STH 80	SOUTH PROJECT LIMIT TO C&G	69	25,310	310	253	
172+88	197+00	STH 80	C&G SOUTH OF STH 11	662	10,510	370	105	
5330-02-73 SUBTOTAL				731	35,820	680	358	
			1706-06-71					
471+52	486+75	STH 11	WEST PROJECT LIMIT TO ELM ST	39	5,900	110	59	
486+75	496+23	STH 11	ELM ST TO STH 80/ STH 11	51	3,669	40	30	
197+00	205+25	STH 80/11	STH 80/STH 11 INT. TO 23RD ST	35	3,685	140	37	
205+25	224+92	STH 80/11	23RD ST TO 29th	783	7,870	160	79	
224+92	245+06	STH 80/11	29TH ST TO LEADMINE ST	--	8,675	60	87	
245+06	259+34	STH 80/11	LEADMINE ST TO EOP	106	5,157	170	52	
CATEGORY 0010 SUBTOTAL				1,014	34,956	680	344	
197+00	199+38	STH 80/11	PARKING LANE	--	103	0	1	VILLAGE HALL
487+54	492+79	STH 11	PARKING LANE	--	701	0	7	SCHOOL
CATEGORY 0020 SUBTOTAL				0	804	0	8	
1706-06-71 SUBTOTAL				1,014	35,760	680	352	
TOTAL				**1,745**	**71,580**	**1,360**	**710**	

PREPARE FOUNDATION

PROJECT	CAT	STA	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS EACH	211.0101 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) EACH	REMARKS
5330-02-73	0010	0		1	
5330-02-73	0020	140			
5330-02-73	SUBTO	140		1	
1706-06-71	0010	20		1	
TOTAL		**160**		**2**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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DIVISION	FROM/TO STATION	CATEGORY	205.0100 COMMON EXCAVATION (1)		AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13)	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW
			CUT (2)	EBS (3)			FACTOR			
			CY	CY	CY	CY	1.25	CY	CY	CY
5330-02-73	145+25 - 147+00	0010	31	0	31	427	534	-503	0	503
PROJECT SUBTOTAL			31	0	31	427	534	-503	0	503
1706-06-71	LOUISBURG RD	0040	2,187	0	2,187	243	304	1,883	1,883	0
PROJECT SUBTOTAL			2,187	0	2,187	243	304	1,883	1,883	0
PROJECT TOTAL			**2,218**	**0**			**838**	**1,381**	**1,883**	503

NOTES:

(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 SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL.

5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(13) EXPANDED FILL FACTOR = X.6X EXPANDED FILL = (UNEXPANDED FILL - REDUCED EBS) * FILL FACTOR

(14) 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.

(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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BASE AGGREGATE SUMMARY

STATION	STATION		LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	311.0110 BREAKER RUN TON	REMARKS
			5330-02-73				
102+50 -	174+84	STH 80	SOUTH PROJECT LIMIT TO C&G	--	--	--	
174+84 -	180+25	STH 80	STH 80 & 12TH ST	--	31	--	
180+25 -	182+25	STH 80	STH 80 & 13TH ST	--	18	--	
182+25 -	184+25	STH 80	STH 80 & 14TH ST	--	13	--	
184+25 -	186+25	STH 80	STH 80 & 15TH ST	--	6	--	
186+25 -	188+25	STH 80	STH 80 & 16TH ST	--	14	--	
188+25 -	190+25	STH 80	STH 80 & 17TH ST	--	22	--	
190+25 -	192+50	STH 80	STH 80 & 18TH ST	--	18	--	
192+50 -	194+50	STH 80	STH 80 & 19TH ST	--	27	--	
194+50 -	196+50	STH 80	STH 80 & 20TH ST	--	24	--	
CATEGORY 0010 SUBTOTAL				--	173	--	
102+50 -	174+84	STH 80	SOUTH PROJECT LIMIT TO C&G	180	--	--	
CATEGORY 0020 SUBTOTAL				180	--	--	
5330-02-73 SUBTOTAL				180	173	0	
			1706-06-71				
483+00 -	484+50	STH 11	WEST PROJECT LIMIT TO OAK ST	--	14	--	
484+50 -	487+50	STH 11	STH 11 OAK ST TO ELM ST	--	8	--	
492+75 -	494+00	STH 11	STH 11 ELM ST TO STH 80	--	34	--	
197+74 -	200+50	STH 80/11	STH 11 INT. & 21ST	--	89	--	
200+50 -	203+75	STH 80/11	STH 80 & 22ND ST	--	22	--	
203+75 -	209+25	STH 80/11	STH 80 & MAIN ST	--	11	--	
209+25 -	214+25	STH 80/11	STH 80 & 26TH ST	--	22	--	
214+25 -	216+50	STH 80/11	STH 80 & 27TH ST	--	21	--	
216+50 -	218+75	STH 80/11	STH 80 & 28TH ST	--	22	--	
218+75 -	221+00	STH 80/11	STH 80 & 29TH ST	--	7	--	
221+00 -	239+85	STH 80/11	STH 80 & FREIBURGER LN	--	8	--	
239+85 -	259+34	STH 80/11	STH 80 FRIEBURGER LN TO N PROJECT LIMIT	50	--	--	
			TRUCK BLISTERS	--	54	102	
CATEGORY 0010 SUBTOTAL				50	312	102	
245+07 -	259+34	STH 80/11	LOUISBURG LEFT TURN LANE	170	1,690	1,389	
CATEGORY 0040 SUBTOTAL				170	1,690	1,389	
1706-06-71 SUBTOTAL				220	2,002	1,491	
			TOTAL	**400**	**2,175**	**1,491**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

CONCRETE PAVEMENT SUMMARY

STATION		STATION	HWY	405.0100 COLORING CONCRETE WISDOT RED CY	602.0810 CONCRETE DRIVEWAY 6-INCH SY	415.2010 CONCRETE TRUCK APRON 12-INCH SY	REMARKS
1706-06-71							
197+00	-	218+30	STH 80	35	15	105	Driveway type Z
493+00	-	494+00	STH 11	--	25	--	
CATEGORY 0010 SUBTOTAL				35	40	105	
1706-06-71 TOTAL				35	40	105	
5330-02-73							
179+60	-	180+00	STH 80	--	20	--	Driveway type Z
5330-02-73 TOTAL				0	20	0	
				35	**60**	**105**	

CULVERT PIPE SUMMARY

	STATION	OFFSET	HWY	520.3330 CULVERT PIPE CLASS III-A 30-INCH* LF	521.3136 CULVERT PIPE CORRUGATED STEEL 36-INCH** LF	521.1530 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 30- INCH 6 TO 1 EACH	520.1030 APRON ENDWALLS FOR CULVERT PIPE 30-INCH EACH	521.1036 APRON ENDWALLS FOR CULVERT PIPE STEEL 36-INCH EACH	520.8000 CONCRETE COLLARS FOR PIPE EACH	633.5200 MARKERS CULVERT END EACH	REMARKS
5330-02-73											
0010	143+00		BUNCOMBE RD	88	--	1	1	--	--	2	
0010	146+37		STH 80	--	12	--	--	1	1	1	
5330-02-73 SUBTOTAL				88	12	1	1	1	1	3	
1706-06-71											
0040	247+25			--	--	--	--	--	1	--	
1706-06-71 SUBTOTAL				0	0	0	0	0	1	--	
				88	12	1	1	1	2	3	

*REQUIRED MIN. THICKNESS OF 30-INCH STEEL = 0.079

**REQUIRED MIN. THICKNESS OF 36-INCH STEEL = 0.105

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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ASPHALT PAVEMENT SUMMARY

STATION	STATION	HWY	LOCATION	AREA SY	LOWER LAYER DEPTH IN	UPPER LAYER DEPTH IN	455.0605 TACK COAT GAL	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6424 HMA PAVEMENT 4 MT 58-28 H TON	465.0315 ASPHALTIC FLUMES SY	465.0105 ASPHALTIC SURFACE TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0520 ASPHALTIC RUMBLE STRIPS, SHOULDER LF	465.0560 ASPHALTIC RUMBLE STRIPS, CENTERLINE LF	REMARKS
			5330-02-73													
102+50 -	172+88	STH 80	SOUTH PROJECT LIMIT TO C&G	25,620	1.75	1.75	3,070	5,030	--	--	--	--	113	--	3,805	
172+88 -	197+00	STH 80	C&G SOUTH OF STH 11	10,873	4.00	2.25	1,300	--	2,440	1,370	--	--	--	--	--	
174+84 -	197+00	STH 80	C&G NORTH OF RECREATION TO EOP	628		6	80	--	--	--	--	224	--	--	--	2' C/G SURFACE & BUNCOMBE
			UNDISTRIBUTED		2.00	--	30	--	--	--	--	40	--	--	--	
CATEGORY 0010 SUBTOTAL				37,121			4,480	5,030	2,440	1,370	0	264	113	0	3,805	
102+50 -	172+88	STH 80	SOUTH PROJECT LIMIT TO C&G	2,982	1.75	1.75	360	590	--	--	--	--	--	8,824	--	
CATEGORY 0020 SUBTOTAL				2,982			360	590	0	0	0	0	0	8,824	0	
5330-02-73 SUBTOTAL				40,103			4,840	5,620	2,440	1,370	--	264	113	8,824	3,805	
			1706-06-71													
471+52 -	486+75	STH 11	WEST PROJECT LIMIT TO ELM ST	5,900	2.50	2.00	710	--	830	670	--	--	--	--	--	
486+75 -	496+23	STH 11	ELM ST TO STH 80/ STH 11	3,669	2.50	2.00	440	--	520	420	--	--	20	--	--	
197+00 -	205+25	STH 80/11	STH 80/STH 11 INT. TO 23RD ST	3,685	4.00	2.25	440	--	830	470	--	4	--	--	--	
205+25 -	224+92	STH 80/11	23RD ST TO 29TH ST	7,870	4.00	2.25	940	--	1,770	1,000	--	--	--	--	--	
224+92 -	245+06	STH 80/11	29TH ST TO LEADMINE ST	8,675	2.50	2.00	1,040	--	1,220	980	--	--	--	--	--	
245+06 -	259+34	STH 80/11	LEADMINE ST TO EOP	5,760	2.50	2.00	690	--	810	650	--	--	--	1,875	795	
197+00 -	245+06	STH 80/11	C&G STH 11 TO EOP	873		6.00						293				
			UNDISTRIBUTED		2.00	--	20	--	--	--	--	39	--	--	--	
CATEGORY 0010 SUBTOTAL				36,432			4,280	0	5,980	4,190	0	336	20	1,875	795	
197+00 -	199+38	STH 80/11	PARKING LANE	103	4.00	2.25	10	--	30	20	--	--	--	--	--	VILLAGE HALL
248+50 -	259+34	STH 80		--	--	--	--	--	--	--	--	--	--	--	--	
487+54 -	492+79	STH 11	PARKING LANE	701	2.50	2	80		100	80	--	--	--	--	--	SCHOOL
CATEGORY 0020 SUBTOTAL				804			90	0	130	140	0	0	0	0	0	
245+07 -	257+73	STH 80/11	LOUISBURG RD LEFT TURN LANE	1,230	3.00	2.00	150	--	210	140	19	--	--	--	--	
CATEGORY 0040 SUBTOTAL				1,230			150	0	210	140	19	0	0	0	0	
1706-06-71 SUBTOTAL				38,466			4,520	--	6,320	4,470	19	336	20	1,875	795	
TOTAL				**78,569**	**0**	**0**	**9,360**	**5,620**	**8,760**	**5,840**	**19**	**600**	**133**	**10,699**	**4,600**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

CONCRETE CURB & GUTTER

STATION		STATION	LOCATION	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0576 CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE J LF	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	REMARKS
			5330-02-73				
102+50	-	174+80	STH 80	-	-	101	
174+84	-	180+25	STH 80	640	-	-	12TH ST
180+25	-	182+25	STH 80	260	-	-	13TH ST
182+25	-	184+25	STH 80	255	-	-	14TH ST
184+25	-	186+25	STH 80	200	-	-	15TH ST
186+25	-	188+25	STH 80	240	-	-	16TH ST
188+25	-	190+25	STH 80	285	-	-	17TH ST
190+25	-	192+50	STH 80	280	-	-	18TH ST
192+50	-	194+50	STH 80	305	-	-	19TH ST
194+50	-	196+50	STH 80	280	-	-	20TH ST
196+50	-	197+00	STH 80	80	-	-	
5330-02-73 SUBTOTAL				2,825	--	101	
			1706-06-71				
483+00	-	484+50	STH 11	114	-	-	OAK ST
484+50	-	487+50	STH 11	63	-	-	ELM ST
492+75	-	494+00	STH 11	134	-	-	PINE ST
197+00	-	200+50	STH 80/11	370	358	-	STH 11 & 21ST
200+50	-	203+75	STH 80/11	451	-	-	22ND ST
203+75	-	209+25	STH 80/11	590	-	-	MAIN ST
209+25	-	214+25	STH 80/11	575	-	-	26TH ST
214+25	-	216+50	STH 80/11	315	-	-	27TH ST
216+50	-	218+75	STH 80/11	275	-	-	28TH ST
218+75	-	221+00	STH 80/11	235	-	-	29TH ST
221+00	-	238+50	STH 80/11	450	-	-	FREIBURGER LN
CATEGORY 0010 SUBTOTAL				3,572	358	0	
238+50	-	259+34	STH 80/11	-	-	461	
CATEGORY 0040 SUBTOTAL				0	0	461	
1706-06-71 SUBTOTAL				3,572	358	461	
			TOTAL	**6,397**	**358**	**562**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

CONCRETE SIDEWALK

STATION		STATION	LOCATION	601.0600 CONCRETE CURB PEDESTRIAN LF	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA NATURAL SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	602.1500 CONCRETE STEPS SF	REMARKS
			5330-02-73						
178+75	-	180+25	STH 80	-	736	60	-	0	12TH ST
180+25	-	182+25	STH 80	7	558	60	-	10	13TH ST
182+25	-	184+25	STH 80	14	430	40	-	11	14TH ST
184+25	-	186+25	STH 80	-	228	20	-	-	15TH ST
186+25	-	188+25	STH 80	-	492	40	-	-	16TH ST
188+25	-	190+25	STH 80	71	733	40	27.0	-	17TH ST
190+25	-	192+50	STH 80	-	637	40	20.2	-	18TH ST
192+50	-	194+50	STH 80	-	944	40	22.6	-	19TH ST
194+50	-	196+50	STH 80	4	906	60	25.7	-	20TH ST
5330-02-73 SUBTOTAL				96	5,664	400	95.5	21	
			1706-06-71						
483+00	-	485+00	STH 11	--	531	20	-	-	OAK ST
485+00	-	488+70	STH 11	-	402	20	29.6	-	ELM ST
490+25	-	494+00	STH 11	3	845	40	37.9	-	PINE ST
197+00	-	200+50	STH 80/11	250	3,257	70	34.0	12	STH 11 & 21ST
200+50	-	203+75	STH 80/11	31	883	20	27.9	-	22ND ST
203+75	-	209+25	STH 80/11	-	406	20	-	-	MAIN ST
209+25	-	214+25	STH 80/11	27	609	80	-	-	26TH ST
214+25	-	216+50	STH 80/11	50	657	80	-	-	27TH ST
216+50		218+75	STH 80/11	38	560	40	-	-	28TH ST
218+75		221+00	STH 80/11	-	198	20	-	-	29TH ST
221+00		238+50	STH 80/11	-	273	20	-	-	FREIBURGER LN
CATEGORY 0010 SUBTOTAL				399	8,621	430	129.4	12	
1706-06-71 SUBTOTAL				399	8,621	430	129.4	12	
TOTAL				**495**	**14,285**	**830**	**224.9**	**33**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER STRUCTURE SCHEDULE

STRUCTURE	STATION	OFFSET	HWY	RIM ELEVATION	611.0627 INLET COVERS TYPE HM EACH	611.3230 INLETS 2X3-FT EACH	521.3112 CULVERT PIPE CORRUGATED STEEL 12-INCH* LF	611.0430 RECONSTRUCTING INLETS EACH	611.8110 ADJUSTING MANHOLE COVERS EACH	REMARKS
					5330-02-73					
1	179+48	17.5 LT	STH 80	928.98	--	--	--	1	--	
2	181+37	17.5 LT	STH 80	926.49	--	--	--	1	--	
3	183+38	17 LT	STH 80	925.62	--	--	--	1	--	
4	184+16	17.5 LT	STH 80	925.99	--	--	--	1	--	
5	184+55	17.5 LT	STH 80	--	--	--	--	1	--	
6	186+16	17.5 LT	STH 80	928.33	--	--	--	1	--	
7	188+05	19.5 LT	STH 80	932.37	--	--	--	1	--	
8	190+08	19.0 LT	STH 80	937.95	--	--	--	1	--	
9	194+12	18.75 LT	STH 80	951.13	--	--	--	1	--	
	194+15	19.0 RT	STH 80	951.35				1		
10	195+77	13.50 RT	STH 80	956.36						
5330-02-73 SUBTOTAL					0	0	0	10	0	
					1706-06-71					
11	199+58	17.5 LT	STH 80/11	956.82	--	--	--	1	--	
12	202+84	17.5 LT	STH 80/11	951.66	--	--	--	1	--	
13	204+09	17.5 LT	STH 80/11	--	--	--	--	1	--	
14	204+91	17.0 LT	STH 80/11	--	--	--	--	1	--	
15	206+72	16.25 LT	STH 80/11	--	--	--	--	1	--	
16	208+02	16.5 LT	STH 80/11	--	--	--	--	1	--	
17	209+35	17.5 LT	STH 80/11	957.67	--	--	--	1	--	
18	215+62	17.25 LT	STH 80/11	961.71	--	--	--	1	--	
19	216+34	17.5 LT	STH 80/11	959.91	--	--	--	1	--	
20	217+89	17.5 LT	STH 80/11	957.10	--	--	--	1	--	
21	218+59	17.5 LT	STH 80/11	956.66	--	--	--	1	--	
22	220+24	20.75 LT	STH 80/11	955.62	--	--	--	1	--	
23	220+75	19.75 LT	STH 80/11	955.59	--	--	--	1	--	
24	221+39	18.5 LT	STH 80/11	--	--	--	--	1	--	
25	484+48	14.5 RT	STH 11	--	--	--	--	--	1	
26	485+97	14.5 RT	STH 11	--	--	--	--	--	1	
27	487+21	16.5	STH 11	--	--	--	--	--	1	
28	490+80	17 RT	STH 11	--	--	--	--	--	1	
29	492+04	17 RT	STH 11	--	--	--	--	--	1	
30	493+25	14.75 RT	STH 11	--	--	--	--	--	1	
31	493+80	14 RT	STH 11	--	--	--	--	--	1	
CATEGORY 0010 SUBTOTAL					0	0	0	14	7	
56	247+20	30.8 RT	STH 80/11		1	1	8	--		
CATEGORY 0040 SUBTOTAL					1	1	8	0	0	
1706-06-71 SUBTOTAL					1	1	8	14	7	
TOTAL					**1**	**1**	**8**	**24**	**7**	

*REQUIRED MIN. THICKNESS OF 12-INCH STEEL = 0.064

ALL ITEMS CATEGORY 0010 UNLESS NOTED

WATER SUMMARY

CAT	LOCATION	624.0100 WATER MGAL	REMARKS
0010	**5330-02-73**		
	UNDISTRIBUTED	3.5	
	1706-06-71		
0010	UNDISTRIBUTED	2.2	
0040	UNDISTRIBUTED	20.0	
1706-06-71 SUBTOTAL		22.2	
	TOTAL	**25.7**	

LANDSCAPING SUMMARY

LOCATION	625.0100 TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0110 SEEDING MIXTURE NO. 10 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0500 SEED WATER MGAL	REMARKS
5330-02-73						
142+75 - 143+65	259	0.2	7	--	6	BUMCOMBE RD
145+00 - 147+25	911	0.6	25	--	21	CULVERT EXTENSION
174+00 - 184+25	400	0.3	--	18	9	CRs 12th-14th/S MAIN ST
184+25 - 190+25	258	0.2	--	12	6	CRs 15th-17th
190+25 - 197+00	337	0.3	--	15	8	CRs 18th-EOP
UNDISTRIBUTED	541	0.4	8	11	13	
5330-02-73 SUBTOTAL	2,706	2	40	56	63	
1706-06-71						
197+00 - 204+00	134	0.1	--	6	4	CRs BOP TO 22ND
204+00 - 216+50	402	0.3	--	18	10	CRs 23ND TO 27TH
216+50 - 238+50	290	0.2	--	13	7	CRs 28TH TO FREIBURGER
483+00 - 494+00	224	0.2	--	10	6	CRs STH 11
UNDISTRIBUTED	263	0.2	0	12	7	
CATEGORY 0010 SUBTOTAL	1,313	1	0	59	34	
238+50 - 259+34	2,988	1.9	58	40	68	
UNDISTRIBUTED	747	1.1	15	10	17	
CATEGORY 0040 SUBTOTAL	3,735	3	73	50	85	
1706-06-71 SUBTOTAL	5,048	4.00	73	109	119	
TOTAL	**7754**	**6**	**113**	**165**	**182**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

CONSTRUCTION STAKING SUMMARY

STATION	STATION	LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER LS	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.8501 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) EACH	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500 CONSTRUCTION STAKING SIDEWALK (PROJECT) EACH	650.9911 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
5330-02-73														
102+49	- 197+81	STH 80	--	--	--	2,926	2	9,532	--	48	1	1	995	
5300-02-73 SUBTOTALS			0	0	0	2,926	2	9,532	0	48	1	1	995	
1706-06-71														
471+52	- 496+37	STH 11	--	--	--	311	--	2,485	--	6	1	1	111	
197+81	- 259+34	STH 80/STH 11	--	--	--	3,930	--	6,153	--	40	--	--	514	
CATEGORY 0010 SUBTOTALS			0	0	0	4,241	0	8,638	0	46	1	1	625	
244+72	- 259+09	LOUISBURG RD LEFT TURN LANE	1	1,437	1,437	461	--	--	--	--	--	--	1,395	
CATEGORY 0040 SUBTOTALS			1	1,437	1,437	461	0	0	0	0	0	0	1,395	
UNDISTRIBUTED		STH 80/STH 11 INTERSECTION	--	--	--	--	--	--	1	--	--	--	--	
CATEGORY 0050 SUBTOTALS			0	0	0	0	0	0	1	0	0	0	0	
1706-06-71 SUBTOTALS			1	1,437	1,437	4,702	0	8,638	1	46	1	1	2,020	
TOTAL			**1**	**1,437**	**1,437**	**7,628**	**2**	**18,170**	**1**	**94**	**2**	**2**	**3,015**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

EROSION CONTROL SUMMARY

LOCATION	606.0200 RIPRAP MEDIUM CY	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2002 EROSION MAT CLASS I TYPE A SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	645.0120 GEOTEXTILE TYPE HR SY	REMARKS
5330-02-73												
141+80 - 147+25	5	288	288	--	--	1,170		--	6	5	17	
174+00 - 197+00	--	--	--	--	--		966	21	--	--	--	
TEMP PED	--	--	--	--	--		75	--	--	--	--	
UNDISTRIBUTED	--	72	72	3	1	293	260	5	2	1	--	
5330-02-73 TOTAL	**5**	360	360	3	1	1,463	1,301	26	8	6	17	
1706-06-71												
197+00 - 238+50	--	--	--	--	--		910	28	--	--	--	
472+00 - 495+00	--	189	189	--	--		224	10	--	--	--	
TEMP PED	--	--	--	--	--		535					
UNDISTRIBUTED	--	47	47	3	1	0	417	10	--	--	--	
CATEGORY 0010 SUBTOTAL	0	236	236	3	1	0	2086	48	0	0	0	
244+70 - 259+10	--	1,470	1,470	--	--	2,121	867	--	30	--	--	
UNDISTURBED	--	368	368	3	1	530	217	--	8	--	--	
CATEGORY 0040 SUBTOTAL	0	1,838	1,838	3	1	2,651	1,084	0	38	0	0	
1706-06-71 TOTAL	**0**	**2074**	**2074**	**6**	**2**	**2651**	**3170**	**48**	**38**	**0**	**0**	
TOTAL	**5**	**2,434**	**2,434**	**9**	**3**	**4,114**	**4,471**	**74**	**46**	**6**	**17**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

X:\Projects\Grant\200048MW - 1706-06-01 and 5330-02-03 STH 80\Est&Qnty\17060671_mq.pptx PLOT DATE : January 12, 2025 PLOT BY : JT Engineering PLOT NAME : PLOT SCALE : 1:1

PERMANENT SIGNS

SIGN NO	STATION	LOCATION	SIGN CODE	MESSAGE	SIZE (WIDTH X HEIGHT)	634.0616 POSTS WOOD 4X6-INCH X 16-FT	637.2210 SIGNS TYPE II REFLECTIVE H	638.2102 MOVING SIGNS TYPE II	638.2602 REMOVING SIGNS TYPE II	638.3000 REMOVING SMALL SIGN SUPPORTS	638.4000 MOVING SMALL SIGN SUPPORTS	REMARKS
					INCHES	SF	SF	EACH	EACH	EACH	EACH	
5330-02-73						--	--	--	--	--	--	
4M-01	143+33	RT	R1-1	STOP		--	--	1	--	--	1	
7M-01	174+24	RT	R7-1D	NO PARKING ANY TIME [DBA]		--	--	1	--	--	1	
7M-02	174+24	RT	W14-3	NO PASSING ZONE		--	--	--	--	--	--	MOVE WITH 7M-01
7M-03	174+78	LT	R7-1R	NO PARKING ANY TIME [RA]		--	--	1	--	--	1	
7M-04	178+46	LT	R7-1D	NO PARKING ANY TIME [DBA]		--	--	1	--	--	1	
7M-05	179+30	RT	R1-1	STOP		--	--	1	--	--	1	
7M-06	181+13	LT	R2-1	SPEED LIMIT 30		--	--	1	--	--	1	
7M-07	181+13	LT	R7-1D	NO PARKING ANY TIME DBA]		--	--	--	--	--	--	MOVE WITH 7M-06
7M-08	181+63	LT	R1-1	STOP		--	--	1	--	--	1	
7M-09	181+97	RT	R1-1	STOP		--	--	1	--	--	1	
7M-10	182+83	LT	R7-1D	NO PARKING ANY TIME [DBA]		--	--	1	--	--	1	
8M-01	183+62	LT	R1-1	STOP		--	--	1	--	--	1	
8M-02	187+62	LT	R1-1	STOP		--	--	1	--	--	1	
8M-03	189+60	LT	R1-1	STOP		--	--	1	--	--	1	
8M-04	189+97	RT	R1-1	STOP		--	--	1	--	--	1	
8M-05	191+64	LT	R1-1	STOP		--	--	1	--	--	1	
8M-06	192+07	RT	R1-1	STOP		--	--	1	--	--	1	
8-07	192+98	RT	R7-1D	NO PARKING ANY TIME [DBA]	18X24	1	3.00	--	--	--	--	
8M-08	193+67	LT	R1-1	STOP		--	--	1	--	--	1	
8M-09	194+06	RT	R1-1	STOP		--	--	1	--	--	1	
9-01	194+56	RT	J2-1	WEST 11 SECOND RIGHT	24X57	--	9.50	--	1	--	--	INSTALL NEW SIGN ON EXISTING POST
9M-02	194+61	LT	J4-1	SOUTH 80		--	--	1	--	--	1	MOVE FROM STA 196+87
9-03	194+95	RT	R7-1D	NO PARKING ANY TIME [DBA]	18X24	1	3.00	--	--	--	--	
9-04	195+44	RT	S4-51	SCHOOL SPEED LIMIT 15	24X48	--	8.00	--	1	--	1	INSTALL NEW SIGN ON EXISTING POST
9M-05	195+48	LT	R2-1	SPEED LIMIT 30		--	--	1	--	--	1	
9M-06	195+48	LT	R5-2	END SCHOOL ZONE		--	--	--	--	--	--	MOVE WITH 9M-05
9M-07	195+48	LT	R3-1	NO LEFT TURN		--	--	--	--	--	--	MOVE WITH 9M-05
9M-08	195+67	LT	R1-1	STOP		--	--	1	--	--	1	
9M-09	196+07	RT		STOP		--	--	1	--	--	1	
9M-10	196+32	RT	J3-2	WEST 11 [LA] / W [RA]		--	--	1	--	--	1	
9-11	196+72	LT	R7-1D	NO PARKING ANY TIME [DBA]	18X24	--	3.00	--	1	--	1	INSTALL NEW SIGN ON EXISTING POST
5330-02-73 SUBTOTALS						2	26.50	22	3	0	24	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PERMANENT SIGNS (CONT'D)

SIGN NO	STATION	LOCATION	SIGN CODE	MESSAGE	SIZE (WIDTH X HEIGHT) INCHES	634.0616 POSTS WOOD 4X6-INCH X 16-FT SF	637.2210 SIGNS TYPE II REFLECTIVE H SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
1706-06-71												
9M-12	197+01	LT	S1-1	SCHOOL ZONE		--	--	1	--	1	--	BAND TO LIGHT POLE LB02
9M-13	197+01	LT	S16-7L	SCHOOL DOWN LEFT ARROW		--	--	1	--	--	--	BAND TO LIGHT POLE LB02
9-14	197-01	LT	R7-1R	NO PARKING ANY TIME [RA]	18X24	--	3.00	--	--	--	--	BAND TO LIGHT POLE LB02
9M-15	197+05	LT	S1-1	SCHOOL ZONE		1	--	1	--	--	--	
9M-16	197+05	LT	S16-7L	SCHOOL DOWN LEFT ARROW		--	--	--	--	--	--	INSTALL BELOW 9M-15
9M-17	495'J'+83	RT	R1-1	STOP		--	--	1	--	1	--	BAND TO LIGHT POLE LB01
9M-18	495'J'+83	RT	W4-4P	CROSS TRAFFIC DOES NOT STOP		--	--	1	--	--	--	BAND TO LIGHT POLE LB01
9M-19	198+03	RT	J3-2	EAST 11 [LA] / 80 [DBA]		--	--	1	--	1	--	BAND TO LIGHT POLE LB03
9M-20	198+49	LT	J3-2	W [LA] / WEST 11 [RA]		--	--	1	--	--	1	MOVE FROM STA 197+60
9M-21	199+34	RT	J4-2	EAST 11 / NORTH 80		--	--	1	--	--	1	MOVE FROM STA 200+21
9R-22	197+86	RT	J2-2	SOUTH 80 [UA] / WEST 11 [RT]		--	--	--	1	1	--	REMOVE EXISTING SIGN AND POST
9M-23	199+63	RT	R6-2R	ONE WAY [RA]		1	--	2	--	1	--	
9M-24	199+63	RT	R6-2L	ONE WAY [LA]/ONE WAY [RA]		--	--	--	--	--	--	
9M-25	199+73	LT	R1-1	STOP		--	--	1	--	--	1	
9M-26	200+02	RT	R6-2R	ONE WAY [RA]		1	--	2	--	1	--	
9M-27	200+02	RT	R6-2L	ONE WAY [LA]		--	--	--	--	--	--	
9M-28	200+23	RT	R7-1L	NO PARKING ANYTIME [LA]		1	--	1	--	--	--	
9M-29	200+34	RT	R2-1	SPEED LIMIT 30		1	--	1	--	1	--	
9-30	200+34	RT	S5-2	END SCHOOL ZONE	24X30	--	5.00	--	--	--	--	INSTALL BELOW 9M-29
9M-31	200+34	LT	S4-51	SCHOOL SPEED LIMIT 15		1	--	1	--	--	--	
9-32	202+72	LT	J2-2	SOUTH 80 [UA] / WEST 11 SECOND RIGHT	48X57	1	19.00		--	--	--	
9-33	203+61	RT	R7-1D	NO PARKING ANY TIME [DBA]	18X24	1	3.00		--	--	--	
9M-34	203+76	LT	J1-1	JCT W		1	--	1	--	1	--	
10M-01	207+41	LT	JV4-2	WEST 11 / SOUTH 80		--	--	1	--	--	1	
10M-02	213+34	LT	R1-1	STOP		1	--	1	--	1	--	
10M-03	213+82	RT	R1-1	STOP		--	--	1	--	--	1	
10M-04	213+88	RT	W11-2	PEDESTRIAN CROSSING		--	--	1	--	--	1	
10M-05	213+88	RT	W16-7L	DOWN LEFT ARROW		--	--	--	--	--	--	MOVE WITH 10M-04
10M-06	213+90	LT	W11-2	PEDESTRIAN CROSSING		--	--	1	--	--	1	
10M-07	213+90	LT	W16-7L	DOWN LEFT ARROW		--	--	--	--	--	--	MOVE WITH 10M-06
10M-08	215+73	LT	R1-1	STOP		--	--	1	--	--	1	
10M-09	216+14	RT	R1-1	STOP		--	--	1	--	--	1	
10M-10	217+42	LT	R7-1D	NO PARKING ANY TIME [DBA]		--	--	1	--	--	1	
11M-01	219+50	LT	W11-2	PEDESTRIAN CROSSING		--	--	1	--	--	1	
11M-02	219+50	LT	W16-9P	AHEAD		--	--	--	--	--	--	MOVE WITH 11M-01
11M-03	220+20	LT	R2-1	SPEED LIMIT 30		--	--	1	--	--	1	
11M-04	220+30	LT	R1-1	STOP		--	--	1	--	--	1	
12M-01	238+16	RT	R1-1	STOP		--	--	1	--	--	1	
16M-01	484'J'+20	RT	R1-1	STOP		--	--	1	--	--	1	
16M-02	484'J'+72	LT	R7-1D	NO PARKING ANY TIME [DBA]		--	--	1	--	--	1	
16M-03	493'J'+13	RT	R6-2R	ONE WAY [RA]		1	--	1	--	1	--	
16M-04	496'J'+13	LT	R6-2L	ONE WAY [LA]		--	--	--	--	--	--	MOVE WITH 16M-03
CATEGORY 0010 SUBTOTAL						11	30.00	32	1	10	16	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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PERMANENT SIGNS (CONT'D)

SIGN NO	STATION	LOCATION	SIGN CODE	MESSAGE	SIZE (WIDTH X HEIGHT) INCHES	634.0616 POSTS WOOD 4X6-INCH X 16-FT SF	637.2210 SIGNS TYPE II REFLECTIVE H SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
1706-06-71												
13M-01	244+76	RT	R1-1	STOP		--	--	1	--	--	1	
13M-02	245+07	RT	D1-1	[LA] LOUISBURG RD		--	--	1	--	--	2	
13M-03	248+75	RT	R2-1	SPEED LIMIT 55		--	--	1	--	--	1	
13R-04	249+88	RT	W14-3	NO PASSING ZONE		--	--	--	1	1	--	REMOVE EXISTING SIGN AND POST
13M-05	252+93	RT	J4-2	EAST 11 / NORTH 80		--	--	1	--	--	1	
14M-01	258+48	RT	D2-3	CUBA CITY 3,PLATTEVILLE 13,MONROE43		--	--	1	--	--	2	
CATEGORY 0040 SUBTOTAL						0	0.00	5	1	1	7	
				1706-06-71 SUBTOTALS		11	30.00	37	2	11	23	
						13	**56.50**	**59**	**5**	**11**	**47**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

TRAFFIC CONTROL

STAGE	LOCATION	EST. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS NO	643.0300 TRAFFIC CONTROL DRUMS DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0900 TRAFFIC CONTROL SIGNS NO	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.1050 TRAFFIC CONTROL SIGNS PCMS NO	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.5000 TRAFFIC CONTROL EACH	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH* LF	646.9002 MARKING REMOVAL LINE 6-INCH LF	REMARKS
	1706-06-71															
PRE	STH 11	7	--	--	--	--	--	--	--	--	2	14	--			PREWARN
1A	STH 11/80 WEST SIDE	21	190	3,990	--	--	--	--	61	1,281	--	--	--	6,064	4,529	
1B	STH 11/80 WEST SIDE	23	245	5,635	--	--	--	--	56	1,288	--	--	--	554	554	
2A	STH 11 & STH 11/80 EAST SIDE	15	215	3,225	--	--	--	--	74	1,110	--	--	--			
2B	STH 11 & STH 11/80 EAST SIDE	22	290	6,380	--	--	--	--	67	1,474	--	--	--			
	MILL & FILL LIMITS	44	--	--	--	--	--	--	7	308	--	--	--			SDD 15C12-a
	UNDISTRIBUTED												0.5			
1706-06-71 SUBTOTAL (CATEGORY 0010)				19,230		--		--		5,461		14	0.5	6,618	5,083	
	5330-02-73															
PRE	STH 80	7	--	--	--	--	--	--	--	--	1	7	--			PREWARN
1A	STH 80 WEST SIDE	21	145	3,045	--	--	--	--	69	1,449	--	--	--	6,788	2,977	
1B	STH 80 WEST SIDE	23	130	2,990	--	--	--	--	57	1,311	--	--	--			
2A	STH 80 EAST SIDE	15	125	1,875	--	--	--	--	62	930	--	--	--	3,200	950	
2B	STH 80 EAST SIDE	22	125	2,750	3	66	6	132	67	1,474	--	--	--			
	MILL & FILL LIMITS	44	--	--	--	--	--	--	8	352	--	--	--			SDD 15C12-a
	UNDISTRIBUTED												0.5			
5330-02-73 SUBTOTAL (CATEGORY 0010)				10,660		66		132		5,516		7	0.5	9,988	3,927	
TOTAL				**29,890**		**66**		**132**		**10,977**		**21**	**1**	**16,606**	**9,010**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

PEDESTRIAN ACCOMMODATIONS

STAGE	LOCATION	EST. SERVICE PERIOD DAYS	644.1440 TEMPORARY PEDESTRIAN SURFACE MATTING SF	644.1601 TEMPORARY PEDESTRIAN CURB RAMP EACH	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAYS	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LF	REMARKS
	1706-06-71							
1A	STH 11	21	1220	11	231	144	868	
1B	STH 11	23	855	14	322	140	505	
2A	STH 11	15	503	11	165	110	344	
2B	STH 11	22	1151	11	242	130	889	
1706-06-71 SUBTOTAL			3,729		960	524	2,606	
	5330-02-73							
1A	STH 80	21	1872	14	294	200	621	
1B	STH 80	23	540	6	138	60	354	
2A	STH 80	15	24	3	45	30	244	
2B	STH 80	22	42	4	88	40	299	
5330-02-73 SUBTOTAL			2,478		565	330	1,518	
TOTAL			**6,207**		**1,525**	**854**	**4,124**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PAVEMENT MARKING SUMMARY

CAT	STATION	STATION	LOCATION	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7520 MARKING CROSSWALK EPOXY LADDER PATTERN 24-INCH (WHITE) LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH* (YELLOW) LF	648.0100 LOCATING NO-PASSING ZONES MI	REMARKS
	5330-02-73												
0010	102+49	109+88	STH 80	924	1,478	--	--	--	--	--	2,402	0.14	
	109+88	170+19	STH 80	12,062	12,062	--	--	--	--	--	24,124	1.14	
	170+19	174+23	STH 80	505	808	--	--	--	--	--	1,313	0.08	
	174+23	192+25	STH 80	451	61	--	--	--	--	30	4,055	0.34	
	192+25	195+85	STH 80	450	--	--	--	--	--	13	1,170	0.07	
			SUBTOTAL	14,392	14,409								
	5330-02-73 SUBTOTAL			28,801		--	--	--	--	43	33,064	1.77	
	1706-06-71												
0010	471+52	478+54	STH 11	1,404	1,404	--	--	--	--	--	2,808	0.13	
	478+54	485+32	STH 11	848	985	--	--	--	--	80	2,204	0.13	
	485+32	490+87	STH 11	139	--	--	--	--	--	50	1,249	0.11	
	490+87	496+15	STH 11	660	--	--	--	20	--	72	1,716	0.10	
	195+86	197+17	STH 80	164	--	--	--	--	--	--	426	0.02	
	198+51	211+68	STH 80	2,634	--	--	--	17	--	211	5,268	0.25	
	211+68	220+19	STH 80	1,064	--	--	--	--	--	138	2,766	0.16	
	220+19	220+49	STH 80	8	--	--	--	--	--	--	68	0.01	
	220+49	225+52	STH 80	629	--	--	--	--	--	26	1,635	0.10	
	225+52	229+00	STH 80	87	--	--	--	--	--	--	783	0.07	
	229+00	234+00	STH 80	625	--	--	--	--	--	--	1,625	0.09	
	234+00	235+00	STH 80	25	--	--	--	--	--	--	225	0.02	
	235+00	238+83	STH 80	479	--	--	--	--	--	38	1,245	0.07	
	238+83	244+85	STH 80	1,204	497	--	--	--	--	--	2,408	0.11	
	244+85	249+35	STH 80	1,800	900	--	--	--	--	--	2,700	0.09	
	249+35	250+94	STH 80	318	318	--	--	--	--	--	636	0.03	
	251+65	258+79	STH 80	2,856	1,428	--	--	--	--	--	4,284	0.14	
	258+79	266+38	STH 80	1,518	1,518	--	--	--	--	--	3,036	0.14	
			SUBTOTAL	16,462	7,050								
	1706-06-71 CAT 0010 SUBTOTAL			23,512		0	0	37	0	615	35,082	1.77	
0020	195+85	212+32	STH 11	0	0	0	0	0	0	--	0	0.00	
	1706-06-71 CAT 0020 SUBTOTAL			0		0	0	0	0	0	0	0.00	
0040	245+07	259+34	STH 80	0	0	150	2	0	339	--	0	0.00	
	1706-06-71 CAT 0040 SUBTOTAL			0		150	2	0	339	0	0	0	
										--			
	1706-06-71 SUBTOTAL			23,512		150	2	37	339	615	35,082	1.77	
			TOTAL	**52,313**		**150**	**2**	**37**	**339**	**658**	**68,146**	**3.54**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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CONDUIT SUMMARY

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	REMARKS
0050	CABINET	PB02	--	10	
	PB02	LB02	5	--	
	PB02	PB01	--	95	
	PB01	LB01	5	--	
	PB02	PB03	--	80	
	PB03	LB03	10	--	
	PB03	LB04	45	--	
1706-06-71 TOTAL			**65**	**185**	

LIGHT POLES

LOCATION	CATEGORY	654.0105 CONCRETE BASES TYPE 5 EACH	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0620 ELECTRICAL WIRE LIGHTING 8 AWG LF	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0322 POLES TYPE 5-ALUMINUM EACH	657.0615 LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 8-FT EACH	659.1120 LUMINAIRES UTILITY LED B EACH	REMARKS
LB01	0050	1	165	486	1	1	1	1	
LB02	0050	1	165	153	1	1	1	1	
LB03	0050	1	165	456	1	1	1	1	
LB04	0050	1	165	561	1	1	1	1	
1706-06-71 TOTAL		**4**	**660**	**1,656**	**4**	**4**	**4**	**4**	

PULL BOXES

LOCATION	CATEGORY	653.0164 PULL BOXES NON-CONDUCTIVE 24X42-INCH EACH	REMARKS
PB01	0050	1	
PB02	0050	1	
PB03	0050	1	
1706-06-71 TOTAL		**3**	

LIGHTING CONTROL CABINET SUMMARY

LOCATION	CATEGORY	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EACH	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL (LOCATION) EACH	659.2130 LIGHTING CONTROL CABINETS 120/240 30-INCH EACH	REMARKS
CABINET A	0050	1	1	1	
1706-06-71 TOTAL		**1**	**1**	**1**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

SAWING SUMMARY

LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
5330-02-73			
BEGIN PROJECT	--	--	SOUTH PROJECT LIMIT
SINSINAWA RD	--	--	
BUNCOMBE RD	114	--	
163+55	51	--	DRIVEWAY
165+26	20	--	DRIVEWAY
166+06	20	--	DRIVEWAY
RECREATION DR	--	--	
E 12TH ST	33	13	
12TH ST	23	24	
13TH ST	--	43	
14TH ST	--	38	
S MAIN ST	--	--	
15TH ST	--	20	
16TH ST	--	31	
17TH ST	--	45	
18TH ST	--	37	
19TH ST	--	49	
20TH ST	--	53	
	2909	115	C&G & SIDEWALK
5330-02-73 SUBTOTAL	3,170	468	

LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
OAK ST	62	--	
ELM ST	36	--	
PINE ST	25	--	
CTH W	28	--	
21ST ST	50	--	& STH 11/STH 80 INT.
22ND ST	58	--	OFFSET FROM EACHOTHER
23RD ST	24	--	
N MAIN ST	35	--	
26TH ST	56	--	
27TH ST	44	--	
28TH ST	23	--	
29TH ST	24	--	
FREIBURGER LN	24	--	
LEADMINE ST	36	--	
LOUISBURG RD	25	--	
END OF PROJECT	34	--	
	4,307	157	CURB & GUTTER
	56	294	SIDEWALK
CATEGORY 0010 SUBTOTAL	4,947	451	
LEFT TURN LANE	1468	--	
CATEGORY 0040 SUBTOTAL	1468	0	
1706-06-71 SUBTOTAL	6,415	451	
TOTAL	**9,585**	**919**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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SANITARY MANHOLES

611.8120.S SPV.0060.03

CAT	STATION	LOCATION	EXISTING ADJUSTMENT RINGS INCHES	COVER PLATES TEMPORARY EACH	ADJUSTING SANITARY MANHOLES EACH	REMARKS
0030	**1706-06-71**					
	197+26	13'RT	6	1	1	REUSE EXISTING CASTING
	198+71	14'RT	5	1	1	REUSE EXISTING CASTING
	199+73	14'RT	7	1	1	REUSE EXISTING CASTING
	200+88	15'RT	8	1	1	REUSE EXISTING CASTING
	202+16	15'RT	8	1	1	REPLACE EXISTING CASTING, NEW CASTING WILL BE PROVIDED BY THE VILLAGE
	203+94	14'RT	2	1	1	REPLACE EXISTING CASTING, NEW CASTING WILL BE PROVIDED BY THE VILLAGE
	211+11	15'LT	8	1	1	REUSE EXISTING CASTING
	211+11	16'RT	11	1	1	REUSE EXISTING CASTING
	213+53	19'LT	6	1	1	REPLACE EXISTING CASTING, NEW CASTING WILL BE PROVIDED BY THE VILLAGE
	215+92	15'LT	4	1	1	REUSE EXISTING CASTING
	218+17	14'LT	7	1	1	REUSE EXISTING CASTING
	220+44	11'LT	8	1	1	REUSE EXISTING CASTING
	483+87	41'RT	12	1	1	REUSE EXISTING CASTING
	486+67	28'RT	20	1	1	REUSE EXISTING CASTING
	1706-06-71 SUBTOTALS			14	14	
0030	**5330-02-73**					
	175+96	14'LT	12	1	1	REUSE EXISTING CASTING
	177+64	14'LT	10	1	1	REUSE EXISTING CASTING
	179+87	15'LT	14	1	1	REUSE EXISTING CASTING
	181+73	15'LT	7	1	1	REUSE EXISTING CASTING
	181+73	16'RT	4	1	1	REUSE EXISTING CASTING
	183+87	13'RT	4	1	1	REUSE EXISTING CASTING
	183+90	13'LT	10	1	1	REUSE EXISTING CASTING
	185+71	14'RT	8	1	1	REUSE EXISTING CASTING
	185+74	28'LT	6	1	1	REPLACE EXISTING CASTING, NEW CASTING WILL BE PROVIDED BY THE VILLAGE
	187+73	14'RT	5	1	1	REPLACE EXISTING CASTING, NEW CASTING WILL BE PROVIDED BY THE VILLAGE
	189+77	14'RT	2	1	1	REUSE EXISTING CASTING
	191+80	13'RT	6	1	1	REUSE EXISTING CASTING
	193+81	12'RT	4	1	1	REUSE EXISTING CASTING
	195+82	12'RT	3	1	1	REUSE EXISTING CASTING
	5330-02-73 SUBTOTALS			14	14	
	TOTAL			**28**	**28**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

ADJUSTING WATER VALVE BOXES

SPV.0060.01

CAT	STATION	LOCATION	ADJUSTING WATER VALVE BOX EACH	REMARKS
0030	**1706-06-71**			
	197+97	14'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	198+00	16'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	198+03	14'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	200+03	10'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	200+04	26'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	202+11	23'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	203+40	28'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	204+33	12'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	204+36	9'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	204+39	12'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	210+93	23'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	210+98	19'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	213+30	19'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	213+35	15'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	213+59	10'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	213+69	31'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	218+29	20'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	218+44	22'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	224+50	13'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	237+97	18'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	238+05	42'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	238+12	13'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	244+45	39'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	244+45	34'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	244+50	37'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	484+05	15'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	484+07	17'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	484+10	21'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	486+92	18'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	486+95	15'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	488+09	16'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	493+22	17'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	493+25	24'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
1706-06-71 SUBTOTAL			33	

ADJUSTING WATER VALVE BOXES - CONTINUED

SPV.0060.01

CAT	STATION	LOCATION	ADJUSTING WATER VALVE BOX EACH	REMARKS
0030	**5330-02-73**			
	175+38	11'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	175+42	16'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	179+30	15'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	179+33	11'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	183+56	8'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	184+07	34'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	184+11	11'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	185+88	15'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	189+86	11'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	189+88	21'RT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	189+92	11'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	195+68	12'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	195+93	35'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
	195+98	12'LT	1	ADJUST EXISTING VALVE BOX TO FINISHED PAVEMENT GRADE.
5330-02-03 SUBTOTAL			14	

TOTAL **47**

ADJUSTING WATER SERVICE CURB BOX

SPV.0060.02

CAT	STATION	LOCATION	ADJUSTING WATER SERVICE CURB BOX EACH	WORK DESCRIPTION
0030	**1706-06-71**			
	197+24	23'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	197+53	9'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	199+51	26'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	201+67	22'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	213+94	22'RT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	216+30	26'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
1706-06-71 SUBTOTAL			6	
0030	**5330-02-73**			
	179+35	28'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	179+97	32'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	181+92	25'RT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	183+53	26'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	183+65	37'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	183+93	30'LT	1	ADJUST EXISTING CURB BOX TO FINAL GRADE; PROVIDE VALVE BOX COVER.
	189+98	41'RT	1	ADJUST EXISTING CURB BOX TO FINISHED GRADE.
5330-02-73 SUBTOTAL			7	

TOTAL **13**

ALL ITEMS CATEGORY 0010 UNLESS NOTED

LAND PARCEL MONUMENTS SUMMARY

STATION	LOCATION	SPV.0060.04 RESEARCH AND LOCATE EXISTING LAND PARCEL MONUMENTS EACH	SPV.0060.05 VERIFY AND REPLACE EXISTING LAND PARCEL MONUMENTS EACH	REMARKS
5330-02-73				
143+38.61	49.44 RT	1	1	
146+52.88	49.34 RT	1	1	
178+85.47	32.00 RT	1	1	
179+25.50	33.21 RT	1	1	
179+61.06	33.00 LT	1	1	
180+01.03	40.00 LT	1	1	
181+60.58	30.53 RT	1	1	
181+60.67	32.00 LT	1	1	
182+00.57	32.98 RT	1	1	
182+00.67	32.00 LT	1	1	
183+60.53	30.19 LT	1	1	
184+00.53	30.33 LT	1	1	
185+60.40	30.90 LT	1	1	
186+00.45	31.03 LT	1	1	
187+55.00	29.70 RT	1	1	
187+58.29	32.99 RT	1	1	
187+60.75	30.24 LT	1	1	
188+00.86	29.76 LT	1	1	
189+47.00	28.37 RT	1	1	
189+47.00	35.00 RT	1	1	
189+63.47	31.72 LT	1	1	
190+06.00	31.85 LT	1	1	
191+65.43	29.00 RT	1	1	
192+01.55	31.29 LT	1	1	
192+05.43	33.00 RT	1	1	
192+20.00	28.77 RT	1	1	
193+64.33	30.77 LT	1	1	
193+64.45	29.24 RT	1	1	
194+04.47	36.00 RT	1	1	
194+07.08	32.51 LT	1	1	
194+08.00	29.38 RT	1	1	
195+62.00	29.88 RT	1	1	
195+63.62	33.00 RT	1	1	
195+64.21	30.12 LT	1	1	
196+06.00	30.30 RT	1	1	
196+09.00	31.00 LT	1	1	
5330-02-73 TOTAL		36	36	
197+15.00	28.61 LT	1	1	
197+29.00	31.53 RT	1	1	
197+30.00	30.00 LT	1	1	
197+36.00	50.00 RT	1	1	
197+58.01	45.00 LT	1	1	
198+27.00	68.00 LT	1	1	
198+30.00	49.00 LT	1	1	
198+40.00	31.00 LT	1	1	
199+76.71	26.29 LT	1	1	
200+00.82	38.11 RT	1	1	
200+01.85	32.90 RT	1	1	
200+17.28	27.98 LT	1	1	
201+92.18	30.83 RT	1	1	
203+09.76	28.17 LT	1	1	
203+59.00	28.28 LT	1	1	
213+40.94	27.51 RT	1	1	
213+43.62	32.00 RT	1	1	
213+81.55	32.23 LT	1	1	
213+83.83	27.79 RT	1	1	
215+73.08	28.99 RT	1	1	
216+13.08	29.45 RT	1	1	
216+13.46	30.55 LT	1	1	
217+96.00	28.47 LT	1	1	
218+06.06	32.00 LT	1	1	
218+44.57	32.09 RT	1	1	
218+46.05	31.00 LT	1	1	
218+57.00	31.00 LT	1	1	
220+24.03	29.60 LT	1	1	
220+65.00	34.00 LT	1	1	
238+24.00	48.81 RT	1	1	
247+13.19	48.06 RT	1	1	
249+38.04	48.13 RT	1	1	
493+10.86'J'	29.63 RT	1	1	
493+56.50'J'	30.44 LT	1	1	
493+72.96'J'	33.76 RT	1	1	
1706-06-71 TOTAL		35	35	
TOTAL		**71**	**71**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
1706-06-21
DUBUQUE - SHULLSBURG
(V HAZEL GREEN W LIMIT TO V N LIMIT)
STH 11
GRANT COUNTY



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
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP

	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 ABBREVIATIONS

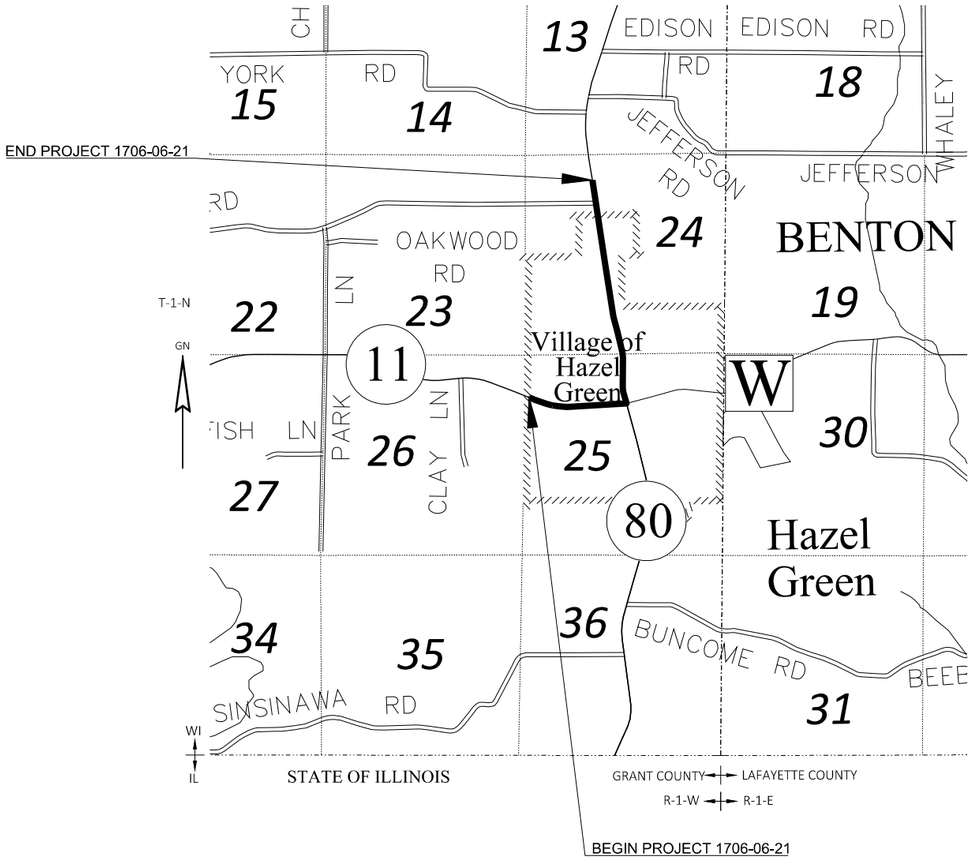
ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
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		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

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

CONVENTIONAL UTILITY SYMBOLS

W	WATER
G	GAS
T	TELEPHONE
OH	OVERHEAD TRANSMISSION LINES
E	ELECTRIC
TV	CABLE TELEVISION
FO	FIBER OPTIC
SAN	SANITARY SEWER
SS	STORM SEWER



LAYOUT
SCALE 0 2000'

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 1706-06-21

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM(WISCRS), GRANT COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES 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.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL 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.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. 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 MADISON

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

PROJECT NUMBER 1706-06-21 - 4.01
SHEET 2 OF 3

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\040100_17060621.DWG
PLOT DATE : 9/16/2015 3:04 PM PLOT BY : JAMES CAPPEART PLOT NAME : _____

TRANSPORTATION PROJECT PLAT NO: 1706-06-21 - 4.01

THAT PART OF LOT 2 OF BLOCK 9E, THAT PART OF LOT 2 OF BLOCK 9W, THAT PART OF LOT 2 OF BLOCK 10E, AND THAT PART OF LOT 2 AND LOT 5 OF BLOCK 10W, LOWER HAZEL GREEN, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 1964 RECORDED IN VOLUME 19 CSM ON PAGES 179-180 AS DOCUMENT NUMBER 800200, AND THAT PART OF LOT 1 OF CSM 216 RECORDED IN VOLUME 1 CSM ON PAGES 275-276 AS DOCUMENT NUMBER 500704, BEING IN THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4; AND THAT PART LOT 5 OF BLOCK 10W, LOWER HAZEL GREEN, THAT PART OF LOT 4 OF BLOCK 10W OF EDWARDS ADDITION TO THE VILLAGE OF HAZEL GREEN, BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4; AND THAT PART OF LOT 20, LOT 21, LOT 22, AND LOT 23, ASSESSORS PLAT NO. 1 OF THE VILLAGE OF HAZEL GREEN, ALL BEING IN THE NORTHEAST 1/4 OF THE NORTHWEST 1/4; AND THAT PART OF LOT 1 AND LOT 3 OF BLOCK 1, AND THAT PART OF LOT 1 OF FRACTIONAL BLOCK DESCRIBED IN VOLUME 154 ON PAGE 6, THE ORIGINAL PLAT OF HAZEL GREEN, BEING IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, ALL IN SECTION 25, TOWNSHIP 1 NORTH, RANGE 1 WEST, VILLAGE OF HAZEL GREEN, GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 11 DUBUQUE - SHULLSBURG (V HAZEL GREEN W LIMIT TO V N LIMIT), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 80 ESTABLISHED FROM LOWER HAZEL GREEN, EDWARDS ADDITION TO THE VILLAGE OF HAZEL GREEN, CSM 216, CSM 1964.

EXISTING HIGHWAY RIGHT-OF-WAY FOR 20TH STREET ESTABLISHED FROM LOWER HAZEL GREEN, EDWARDS ADDITION TO THE VILLAGE OF HAZEL GREEN, CSM 216 AND CSM 1964.

EXISTING HIGHWAY RIGHT-OF-WAY FOR PINE STREET ESTABLISHED FROM EDWARDS ADDITION TO THE VILLAGE OF HAZEL GREEN.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH W ESTABLISHED FROM LOWER HAZEL GREEN AND THE ORIGINAL PLAT OF HAZEL GREEN.

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 11 ESTABLISHED FROM PREVIOUS PROJECT 1702-01-21, LOWER HAZEL GREEN, EDWARDS ADDITION TO THE VILLAGE OF HAZEL GREEN AND ASSESSORS PLAT NO. 1 OF THE VILLAGE OF HAZEL GREEN.

EXISTING RIGHT-OF-WAY FOR STH 11 / STH 80 AND 21ST STREET ESTABLISHED FROM ASSESSORS PLAT NO. 1 OF THE VILLAGE OF HAZEL GREEN AND THE ORIGINAL PLAT OF HAZEL GREEN.

EXISTING ACCESS CONTROL FOR STH 11 ESTABLISHED FROM PREVIOUS PROJECT 1706-01-21.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

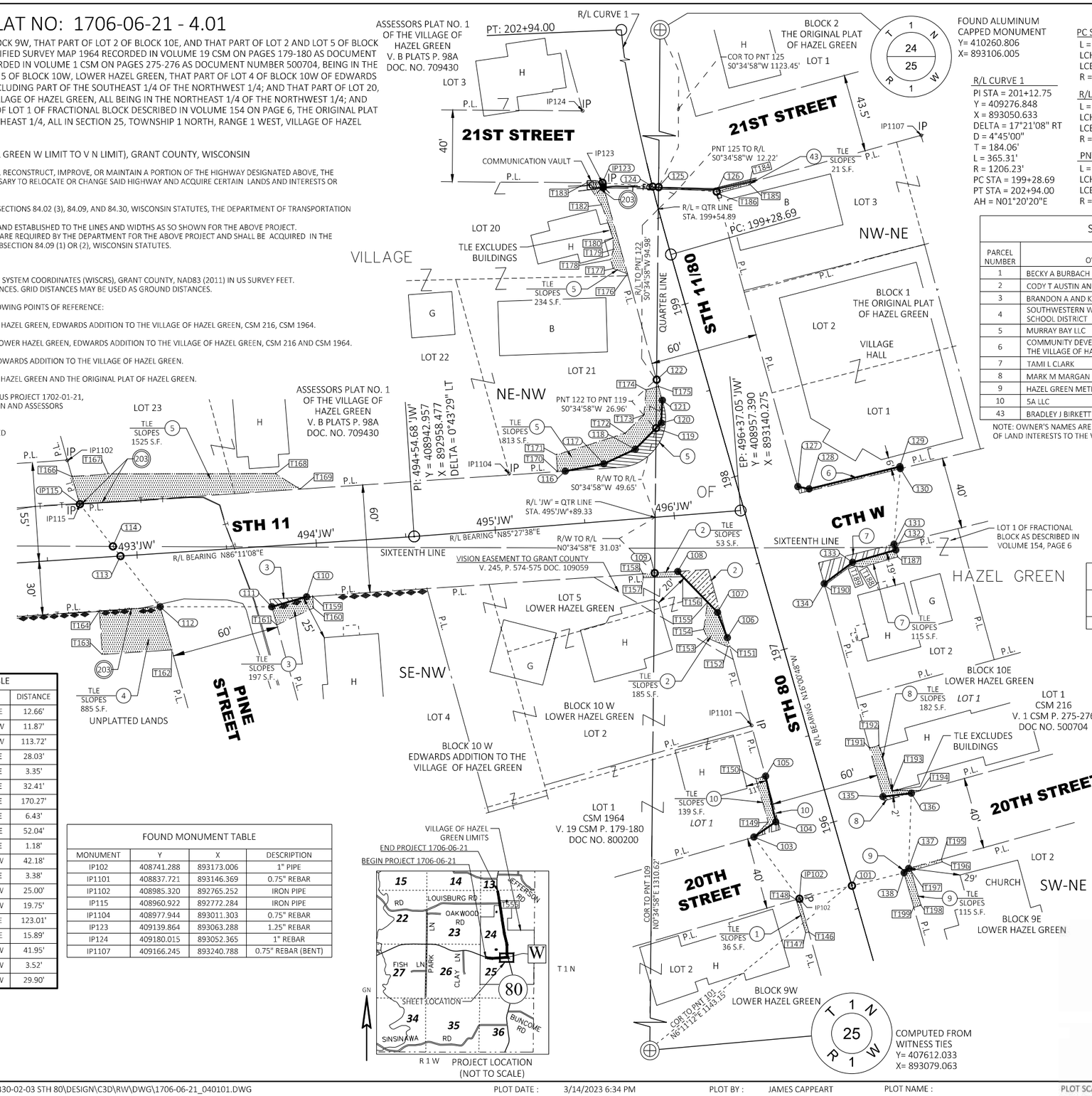
ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 1B

SIXTEENTH LINES WERE ESTABLISHED BY SECTION BREAKDOWN OF OBSERVED PLSS MONUMENTS.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 3, OF THIS DOCUMENT FOR MORE INFORMATION.

FOR STATION AND OFFSET TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 3 OF 3.



FOUND ALUMINUM CAPPED MONUMENT
Y= 410260.806
X= 893106.005

R/L CURVE 1
PI STA = 201+12.75
Y = 409276.848
X = 893050.633
DELTA = 17°21'08" RT
D = 4°45'00"
T = 184.06'
L = 365.31'
R = 1206.23'
PC STA = 199+28.69
PT STA = 202+94.00
AH = N01°20'20"E

PC STA 199+28.69 TO R/L STA 199+54.89
L = 26.20'
LCH = 26.20'
LCB = N15°23'27"W
R = 1206.23'

R/L STA 199+54.89 TO PNT 124
L = 12.90'
LCH = 12.89'
LCB = N14°27'44"W
R = 1206.23'

PNT 124 TO PT 202+94.00
L = 326.21'
LCH = 325.21'
LCB = N6°24'31"W
R = 1206.23'

835505
GRANT COUNTY, WI
RECEIVED FOR RECORD
03/16/2023 02:54:05 PM
ANDREA NOETHE, REGISTER
BOOK: C PAGE: 116A
PAGES RECORDED: 3

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 1706-06-21 - 4.01
SHEET 1 OF 3

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
1	BECKY A BURBACH	TLE	---	---	---	36
2	CODY T AUSTIN AND MELANIE S AUSTIN	FEE & TLE	238	---	238	238
3	BRANDON A AND KATHLEEN M HUSEMANN	FEE & TLE	43	---	43	197
4	SOUTHWESTERN WISCONSIN COMMUNITY SCHOOL DISTRICT	TLE	---	---	---	885
5	MURRAY BAY LLC	FEE & TLE	316	---	316	2572
6	COMMUNITY DEVELOPMENT AUTHORITY OF THE VILLAGE OF HAZEL GREEN	FEE	75	---	75	---
7	TAMI L CLARK	FEE & TLE	248	---	248	115
8	MARK M MARGAN	FEE & TLE	19	---	19	182
9	HAZEL GREEN METHODIST CHURCH	FEE & TLE	3	---	3	115
10	5A LLC	FEE & TLE	57	---	57	139
43	BRADLEY J BIRKETT AND MARY J BIRKETT	TLE	---	---	---	21

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
203	BRIGHTSPEED	RELEASE OF RIGHTS

203 BRIGHTSPEED
NO RECORDED EASEMENT - PARCELS 4 & 5

GN
0 30 60
SCALE, FEET

COURSE TABLE		
COURSE	BEARING	DISTANCE
101-IP102	S76° 05' 35"W	30.14'
IP102-103	N36° 25' 45"W	42.67'
103-104	N55° 02' 44"E	14.80'
104-105	N12° 30' 42"W	26.05'
105-106	N15° 26' 29"W	80.00'
106-107	N21° 18' 22"W	15.06'
107-108	N44° 11' 05"W	31.77'
108-109	S86° 06' 12"W	12.87'
109-110	S86° 06' 12"W	194.32'
110-111	S73° 59' 12"W	20.11'
111-112	S89° 59' 33"W	62.24'
112-113	N38° 02' 02"W	35.83'
113-114	N38° 02' 02"W	6.83'
114-IP115	N38° 02' 02"W	29.83'
IP115-116	N86° 06' 12"E	270.91'
116-117	N79° 13' 17"E	21.92'
117-118	N65° 00' 51"E	19.24'
118-119	N44° 55' 55"E	16.54'
119-120	N44° 55' 55"E	4.05'

COURSE TABLE		
COURSE	BEARING	DISTANCE
120-121	N02° 33' 09"E	12.66'
121-122	N15° 23' 59"W	11.87'
122-IP123	N15° 23' 59"W	113.72'
IP123-124	S85° 31' 41"E	28.03'
124-125	S85° 31' 41"E	3.35'
125-126	S85° 31' 41"E	32.41'
126-127	S15° 23' 59"E	170.27'
127-128	S78° 11' 13"E	6.43'
128-129	N76° 11' 21"E	52.04'
129-130	S13° 45' 39"E	1.18'
130-131	S04° 44' 59"W	42.18'
131-132	S16° 00' 48"E	3.38'
132-133	S73° 59' 12"W	25.00'
133-134	S53° 13' 40"W	19.75'
134-135	S15° 26' 29"E	123.01'
135-136	N83° 02' 44"E	15.89'
136-137	S02° 02' 29"W	41.95'
137-138	S46° 36' 05"W	3.52'
138-101	S76° 05' 35"W	29.90'

FOUND MONUMENT TABLE			
MONUMENT	Y	X	DESCRIPTION
IP102	408741.288	893173.006	1" PIPE
IP1101	408837.721	893146.369	0.75" REBAR
IP1102	408985.320	892765.252	IRON PIPE
IP115	408960.922	892772.284	IRON PIPE
IP1104	408977.944	893011.303	0.75" REBAR
IP123	409139.864	893063.288	1.25" REBAR
IP124	409180.015	893052.365	1" REBAR
IP1107	409166.245	893240.788	0.75" REBAR (BENT)

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 3/14/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 3/16/2023
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 1706-06-21 - 4.01
EXTENSION SHEET

RELOCATION ORDER STH 11 DUBUQUE - SHULLSBURG (V HAZEL GREEN W LIMIT TO V N LIMIT), GRANT COUNTY, WISCONSIN

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF THIS DOCUMENT.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE IN GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

4

R/W POINT TABLE					R/W POINT TABLE					R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X	POINT NO.	STATION	OFFSET	Y	X	POINT NO.	STATION	OFFSET	Y	X
101	195+63.10	0.00'	408748.529	893202.259	114	492'JW'+86.87	5.65' LT	408937.426	892790.663	127	197+85.00	32.32' RT	408970.735	893172.108
IP102	195+64.21	30.12' LT	408741.286	893173.007	IP115	492'JW'+70.09	30.31' LT	408960.922	892772.284	128	197+82.00	38.00' RT	408969.419	893178.399
103	196+04.20	45.00' LT	408775.617	893147.668	116	198+29.00	89.83' LT	408979.332	893042.564	129	197+80.00	90.00' RT	408981.841	893228.933
104	196+09.00	31.00' LT	408784.097	893159.800	117	198+27.00	68.00' LT	408983.431	893064.098	130	197+78.82	89.95' RT	408980.697	893229.213
105	196+35.00	29.41' LT	408809.527	893154.157	118	198+30.00	49.00' LT	408991.556	893081.533	131	197+39.38	75.00' RT	408938.660	893225.720
106	197+15.00	28.61' LT	408886.643	893132.856	119	198+38.03	34.54' LT	409003.265	893093.214	132	197+36.00	75.00' RT	408935.411	893226.652
107	197+30.00	30.00' LT	408900.678	893127.382	120	198+40.00	31.00' LT	409006.134	893096.076	133	197+36.00	50.00' RT	408928.514	893202.623
108	197+58.01	45.00' LT	408923.462	893105.237	121	198+52.00	26.97' LT	409018.780	893096.640	134	197+29.00	31.53' RT	408916.691	893186.803
109	495'JW'+86.56	30.90' RT	408922.587	893092.393	122	198+63.87	26.84' LT	409030.222	893093.488	135	196+06.00	30.30' RT	408798.125	893219.553
110	493'JW'+92.62	29.51' RT	408909.381	892898.519	IP123	199+76.54	26.59' LT	409139.864	893063.288	136	196+03.50	46.00' RT	408800.050	893235.330
111	493'JW'+72.96	33.76' RT	408903.833	892879.187	124	199+67.79	0.00'	409137.678	893091.234	137	195+63.62	33.00' RT	408758.131	893233.836
112	493'JW'+10.86	29.63' RT	408903.825	892816.947	125	199+66.71	3.18' RT	409137.417	893094.578	138	195+62.00	29.88' RT	408755.715	893231.281
113	492'JW'+90.71	0.00' RT	408932.048	892794.870	126	199+56.03	33.84' RT	409134.889	893126.893					

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
T146	195+45.00	30.18' LT
T147	195+45.00	32.00' LT
T148	195+64.21	32.00' LT
T149	196+10.00	35.00' LT
T150	196+35.00	35.00' LT
T151	197+10.00	28.66' LT
T152	197+10.00	29.66' LT
T153	197+18.00	39.00' LT
T154	197+23.00	40.00' LT
T155	197+37.00	33.75' LT
T156	197+54.47	43.10' LT
T157	197+59.96	64.44' LT
T158	197+62.09	64.01' LT
T159	493'JW'+96.00	29.51' RT
T160	493'JW'+96.00	36.00' RT
T161	493'JW'+75.07	44.00' RT
T162	493'JW'+15.87	54.00' RT
T163	492'JW'+77.00	54.00' RT
T164	492'JW'+77.00	29.68' RT
T166	492'JW'+66.73	46.00' LT

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
T167	492'JW'+87.00	46.00' LT
T168	493'JW'+80.00	40.00' LT
T169	493'JW'+93.00	30.49' LT
T170	198+29.89	93.98' LT
T171	198+39.00	92.00' LT
T172	198+40.00	52.00' LT
T173	198+47.00	39.00' LT
T174	198+60.00	34.00' LT
T175	198+60.00	26.88' LT
T176	199+25.00	26.19' LT
T177	199+30.00	33.00' LT
T178	199+35.00	33.00' LT
T179	199+40.00	30.00' LT
T180	199+45.93	28.62' LT
T182	199+65.00	30.00' LT
T183	199+78.60	35.00' LT
T184	199+56.26	52.99' RT
T185	199+55.00	53.00' RT
T186	199+55.00	33.85' RT
T187	197+32.00	75.00' RT

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
T188	197+32.00	54.50' RT
T189	197+34.50	49.00' RT
T190	197+28.00	31.52' RT
T191	196+34.00	30.58' RT
T192	196+34.00	36.00' RT
T193	196+08.00	36.00' RT
T194	196+03.45	51.00' RT
T195	195+63.44	52.00' RT
T196	195+62.00	52.00' RT
T197	195+62.00	34.00' RT
T198	195+42.00	34.00' RT
T199	195+42.00	29.81' RT

TRANSPORTATION PROJECT PLAT NO: 1706-06-21 - 4.02

THAT PART OF LOT 1, LOT 2, AND LOT 3 OF ASSESSORS PLAT NO. 1 OF THE VILLAGE OF HAZEL GREEN RECORDED IN VOLUME B OF PLATS ON PAGE 98A AS DOCUMENT 709430, AND THAT PART OF LOT 1 OF CSM 405 RECORDED IN VOLUME 3 OF CSM ON PAGE 58 AS DOCUMENT 577093, AND THAT PART OF LOT 3 IN BLOCK 2 OF THE ORIGINAL PLAT OF HAZEL GREEN, BEING IN THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, AND THAT PART OF LOT 1 AND LOT 3 IN BLOCK 2 OF THE ORIGINAL PLAT OF HAZEL GREEN, BEING IN THE THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 25, TOWNSHIP 1 NORTH, RANGE 1 WEST, VILLAGE OF HAZEL GREEN, GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 11 DUBUQUE - SHULLSBURG (V HAZEL GREEN W LIMIT TO V N LIMIT), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 11/80 ESTABLISHED FROM THE ORIGINAL PLAT OF HAZEL GREEN, ASSESSORS PLAT NO. 1 OF THE VILLAGE OF HAZEL GREEN, PREVIOUS PROJECT 5235-00-71, CSM 405 AND CSM 696.

EXISTING RIGHT-OF-WAY FOR 21ST, 22ND AND 23RD STREET ESTABLISHED FROM THE ORIGINAL PLAT OF HAZEL GREEN, ASSESSORS PLAT NO. 1 OF THE VILLAGE OF HAZEL GREEN, PREVIOUS PROJECT 5235-00-71, CSM 405 AND CSM 696.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 1B

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 3, OF DOCUMENT 835505 FOR MORE INFORMATION.

R/L CURVE 1
PI STA = 201+12.75
Y = 409276.848
X = 893050.633
DELTA = 17°21'08" RT
D = 4°45'00"
T = 184.06'
L = 365.31'
R = 1206.23'
PC STA = 199+28.69
PT STA = 202+94.00
DB = N16°00'48"W

PC STA 199+28.69 TO R/L STA 199+54.89
L = 26.20'
LCH = 26.20'
LCB = N15°23'27"W
R = 1206.23'

R/L STA 199+54.89 TO PNT 124
L = 12.90'
LCH = 12.89'
LCB = N14°27'44"W
R = 1206.23'

PNT 124 TO PT STA 202+94.00
L = 326.21'
LCH = 325.21'
LCB = N6°24'31"W
R = 1206.23'

SCHEDULE OF LANDS & INTERESTS REQUIRED

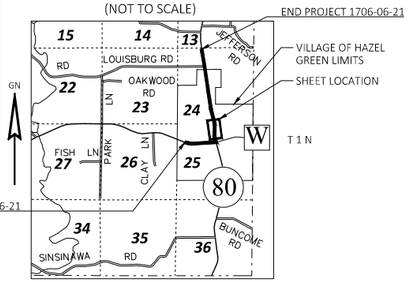
PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
5	MURRAY BAY LLC	TLE	---	---	---	124
11	BENJAMIN KOCH & LYDIA G KOCH	TLE	---	---	---	316
12	K & B RENTAL, LLC	FEE & TLE	13	---	13	462
13	JEFFREY P WIEGMAN	TLE	---	---	---	426
14	LCL KUHL PROPERTIES LLC	FEE & TLE	3	---	3	146

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

FOUND MONUMENT TABLE

MONUMENT	Y	X	DESCRIPTION
IP123	409139.864	893063.288	1.25" REBAR
IP200	409179.935	893052.251	1" REBAR
IP201	409243.594	893034.717	1.25" REBAR
IP202	409385.152	893025.309	0.75" REBAR
IP203	409473.907	893027.063	0.75" REBAR
IP1204	409473.570	892933.643	0.75" REBAR
IP1205	409568.779	892906.299	1.25" IRON PIPE
IP1206	409641.869	893114.234	0.75" REBAR
IP1207	409532.267	893086.187	CONCRETE CROSS
IP1208	409243.143	893106.618	1.5" IP IN CONC. PAD

PROJECT LOCATION
(NOT TO SCALE)

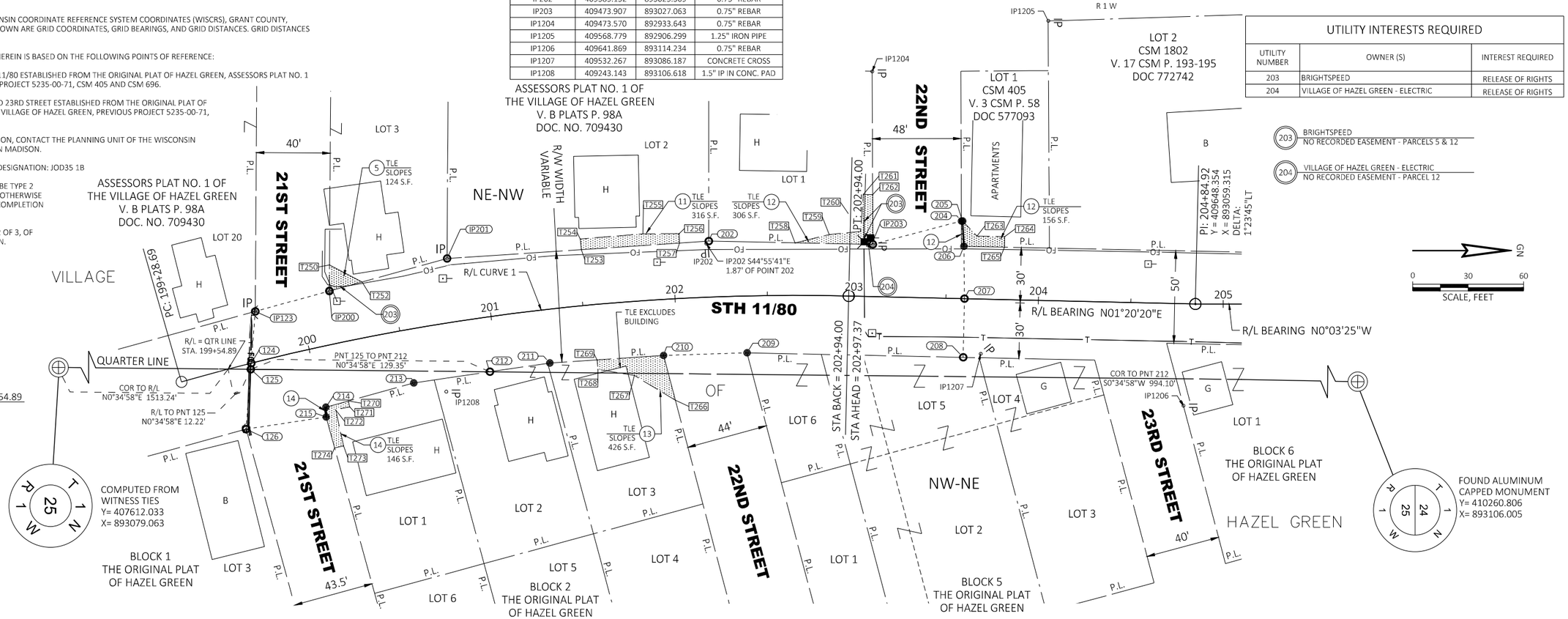


836744
GRANT COUNTY, WI
RECEIVED FOR RECORD
06/01/2023 11:20:34 AM
ANDREA NOETHE, REGISTER
BOOK: C PAGE: 116D
PAGES RECORDED: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 1706-06-21 - 4.02

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
203	BRIGHTSPEED	RELEASE OF RIGHTS
204	VILLAGE OF HAZEL GREEN - ELECTRIC	RELEASE OF RIGHTS



COURSE TABLE

COURSE	BEARING	DISTANCE
125-124	N85° 31' 41"W	3.35'
124-IP123	N85° 31' 41"W	28.03'
IP123-IP200	N15° 23' 59"W (S15°07'54"E)	41.56' (41.57')
IP200-IP201	N15° 23' 59"W (S15°07'54"E)	66.03' (66.03')
IP201-202	N03° 48' 09"W	141.87'
202-IP203	N01° 07' 56"E	88.77'
IP203-204	N14° 46' 46"W	49.52'
204-205	N01° 35' 26"E	0.66'
205-206	N87° 08' 35"E	13.67'
206-207	N89° 18' 50"E	28.30'

COURSE TABLE

COURSE	BEARING	DISTANCE
207-208	S88° 39' 40"E	31.72'
208-209	S01° 12' 20"W	116.90'
209-210	S01° 48' 10"E	45.16'
210-211	S03° 48' 09"E	61.71'
211-212	S08° 19' 18"E	32.73'
212-213	S08° 19' 18"E	41.65'
213-214	S15° 23' 59"E	49.30'
214-215	N87° 59' 16"E	5.31'
215-126	S08° 37' 53"E	43.80'
126-125	N85° 31' 41"W	32.41'

TLE STATION & OFFSET TABLE

POINT NO.	STATION	OFFSET
T250	200+20.00	42.23' LT
T252	200+35.00	29.78' LT
T253	201+52.00	30.21' LT
T254	201+52.00	36.00' LT
T255	201+85.00	36.00' LT
T256	202+04.00	35.00' LT
T257	202+04.00	29.87' LT
T258	202+65.00	28.37' LT
T259	202+83.00	33.00' LT

TLE STATION & OFFSET TABLE

POINT NO.	STATION	OFFSET
T260	203+03.00	35.00' LT
T261	203+04.00	55.00' LT
T262	203+09.04	55.00' LT
T263	203+66.00	34.00' LT
T264	203+81.00	34.00' LT
T265	203+81.00	28.33' LT
T266	201+97.10	54.79' RT
T267	201+75.00	40.00' RT
T268	201+55.00	35.00' RT

TLE STATION & OFFSET TABLE

POINT NO.	STATION	OFFSET
T269	201+55.00	29.89' RT
T270	200+15.00	31.75' RT
T271	200+15.00	35.04' RT
T272	200+07.06	35.00' RT
T273	200+07.10	55.00' RT
T274	200+01.89	54.95' RT

R/W POINT TABLE

POINT NO.	STATION	OFFSET	Y	X
IP123	199+76.54	26.59' LT	409139.864	893063.288
124	199+67.79	0.00'	409137.678	893091.234
125	199+66.71	3.18' RT	409137.417	893094.578
126	199+56.03	33.84' RT	409134.889	893126.893
IP200	200+17.14	28.50' LT	409179.935	893052.251
IP201	200+81.24	34.38' LT	409243.594	893034.717
202	202+19.43	30.21' LT	409385.152	893025.309
IP203	203+09.76	28.17' LT	409473.907	893027.063
204	203+57.34	41.92' LT	409521.791	893014.430
205	203+58.00	41.91' LT	409522.451	893014.448

R/W POINT TABLE

POINT NO.	STATION	OFFSET	Y	X
206	203+59.00	28.28' LT	409523.132	893028.099
207	203+60.00	0.00'	409523.471	893056.397
208	203+60.00	31.72' RT	409522.730	893088.103
209	202+38.28	30.73' RT	409405.859	893085.644
210	201+91.95	30.26' RT	409360.719	893087.065
211	201+28.69	28.96' RT	409299.144	893091.157
212	200+95.16	29.53' RT	409266.761	893095.894
213	200+52.47	28.95' RT	409225.545	893101.923
214	200+02.00	32.45' RT	409178.011	893115.015
215	200+01.00	37.67' RT	409178.198	893120.319

JT ENGINEERING, INC Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: _____ DATE: 5/30/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: _____ DATE: 5/30/2023
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 1706-06-21 - 4.03

THAT PART OF LOT 1 IN BLOCK 1, THAT PART OF LOT 1 AND LOT 5 IN BLOCK 2, THAT PART OF LOT 1 AND LOT 5 IN BLOCK 3, THAT PART OF LOT 5 IN BLOCK 4, THAT PART OF LOT 3 IN BLOCK 5, THAT PART OF LOT 3 IN BLOCK 6, AND THAT PART OF LOT 1 AND LOT 3 IN BLOCK 7, ALL PART OF THE PLAT OF LEWIS ROODS ADDITION TO HAZEL GREEN; AND THAT PART OF LOT 2 OF CSM 1119 RECORDED IN VOLUME 9 OF CSMS ON PAGES 157-159 AS DOCUMENT NUMBER 671503, ALL BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 24, TOWNSHIP 1 NORTH, RANGE 1 WEST, VILLAGE OF HAZEL GREEN, GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 11 DUBUQUE - SHULLSBURG (V HAZEL GREEN W LIMIT TO V N LIMIT), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 11/80 ESTABLISHED FROM PLAT OF LEWIS ROODS ADDITION TO HAZEL GREEN, AND CSM 1119.

EXISTING RIGHT-OF-WAY FOR 26TH, 27TH, 28TH AND 29TH STREET ESTABLISHED FROM LEWIS ROODS ADDITION TO HAZEL GREEN, CSM 1119, AND CSM 1306.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 B1

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 3, OF DOCUMENT 835505 FOR MORE INFORMATION.

FOR STATION AND OFFSET TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
19	SYMONS' AUTO CENTER, LLC	FEE & TLE	38	---	38	40
21	RICHARD ARTHUR WEBER AND MARY CATHERINE WEBER	TLE	---	---	---	240
22	JACQUELINE RICHARDSON	TLE	---	---	---	134
23	JACKIE RICHARDSON	TLE	---	---	---	254
24	BRANDY J. GRINDEY AND SARA J. GRINDEY	FEE & TLE	18	---	18	335
26	SHERYL A. BERNING AND KEVIN J. STIENSTRA	FEE & TLE	54	---	54	243
27	RODNEY L. SMITH	TLE	---	---	---	114
28	LINDA L. HOMER	FEE & TLE	51	---	51	84
29	KATHY J. YOUNG	TLE	---	---	---	79
31	BRIAN R. REED	TLE	---	---	---	48
32	LAURA L. CRAUGH	TLE	---	---	---	119
33	STEVE & JOYCE VOSBERG, LLC	TLE	---	---	---	241
34	ST. FRANCIS DE SALES CATHOLIC CHURCH	FEE & TLE	6	---	6	183

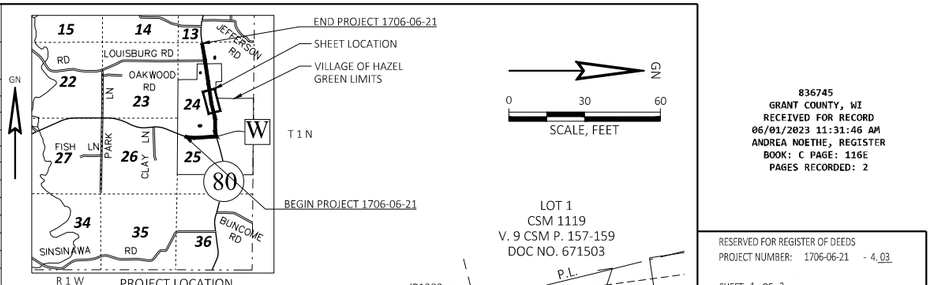
NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
203	BRIGHTSPEED	RELEASE OF RIGHTS
204	VILLAGE OF HAZEL GREEN - ELECTRIC	

(203) BRIGHTSPEED
DOC 460746 - PARCEL 19
DOC 460747 - PARCEL 21
DOC 458528 - PARCEL 23
NO RECORDED EASEMENT
- PARCELS 24, 26, 27, & 34

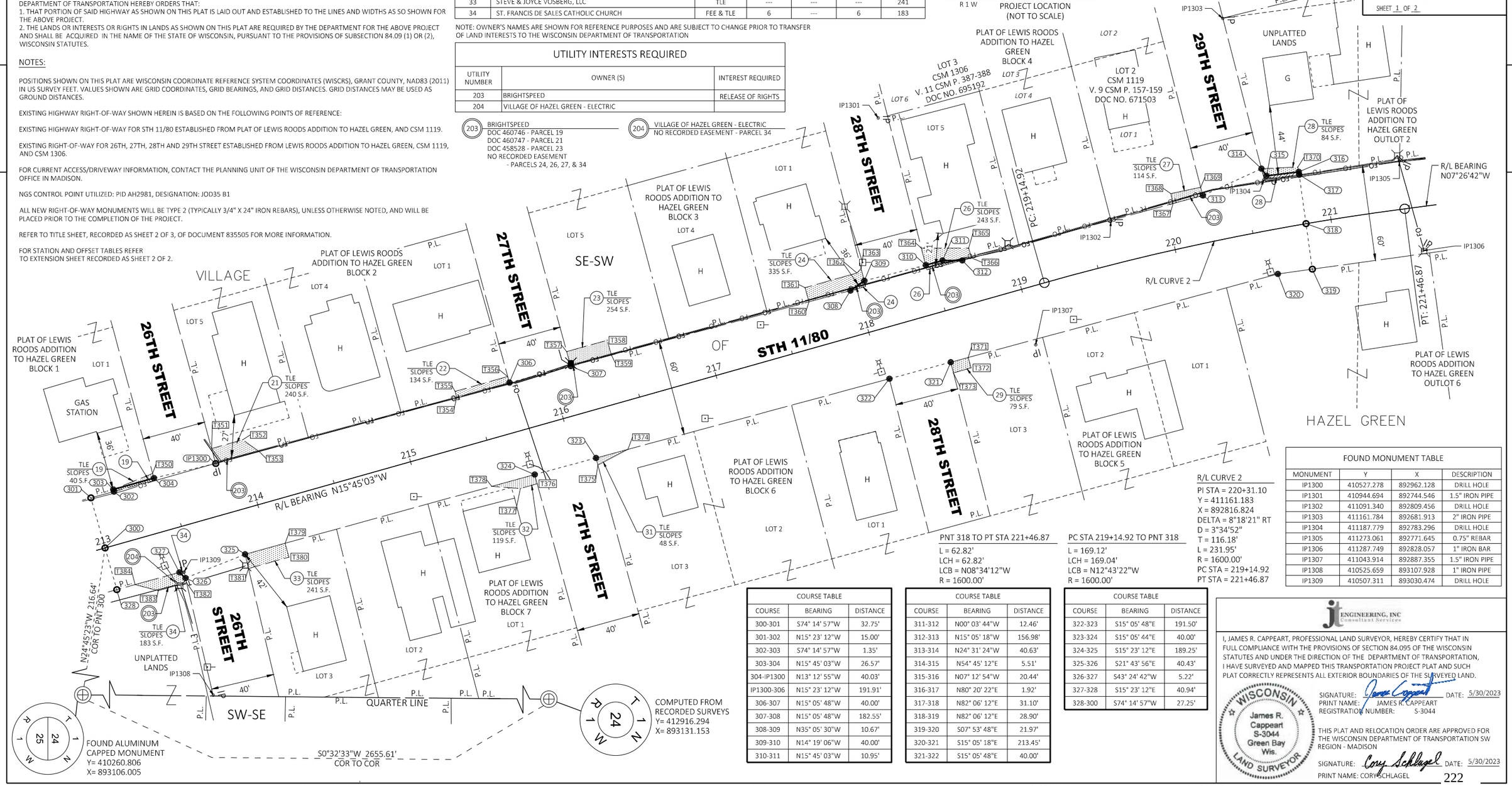
(204) VILLAGE OF HAZEL GREEN - ELECTRIC
NO RECORDED EASEMENT - PARCEL 34



836745
GRANT COUNTY, WI
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06/01/2023 11:31:46 AM
ANDREA NOETHE, REGISTER
BOOK: C PAGE: 116E
PAGES RECORDED: 2

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 1706-06-21 - 4.03

SHEET 1 OF 2



COURSE TABLE		
COURSE	BEARING	DISTANCE
300-301	S74° 14' 57"W	32.75'
301-302	N15° 23' 12"W	15.00'
302-303	S74° 14' 57"W	1.35'
303-304	N15° 45' 03"W	26.57'
304-IP1300	N13° 12' 55"W	40.03'
IP1300-306	N15° 23' 12"W	191.91'
306-307	N15° 05' 48"W	40.00'
307-308	N15° 05' 48"W	182.55'
308-309	N35° 05' 30"W	10.67'
309-310	N14° 19' 06"W	40.00'
310-311	N15° 45' 03"W	10.95'

COURSE TABLE		
COURSE	BEARING	DISTANCE
311-312	N00° 03' 44"W	12.46'
312-313	N15° 05' 18"W	156.98'
313-314	N24° 31' 24"W	40.63'
314-315	N54° 45' 12"E	5.51'
315-316	N07° 12' 54"W	20.44'
316-317	N80° 20' 22"E	1.92'
317-318	N82° 06' 12"E	31.10'
318-319	N82° 06' 12"E	28.90'
319-320	S07° 53' 48"E	21.97'
320-321	S15° 05' 18"E	213.45'
321-322	S15° 05' 48"E	40.00'

COURSE TABLE		
COURSE	BEARING	DISTANCE
322-323	S15° 05' 48"E	191.50'
323-324	S15° 05' 44"E	40.00'
324-325	S15° 23' 12"E	189.25'
325-326	S21° 43' 56"E	40.43'
326-327	S43° 24' 42"W	5.22'
327-328	S15° 23' 12"E	40.94'
328-300	S74° 14' 57"W	27.25'

PNT 318 TO PT STA 221+46.87
L = 62.82'
LCH = 62.82'
LCB = N08°34'12"W
R = 1600.00'

PC STA 219+14.92 TO PNT 318
L = 169.12'
LCH = 169.04'
LCB = N12°43'22"W
R = 1600.00'

R/L CURVE 2
PI STA = 220+31.10
Y = 411161.183
X = 892816.824
DELTA = 8°18'21" RT
D = 3°34'52"
T = 116.18'
L = 231.95'
R = 1600.00'
PC STA = 219+14.92
PT STA = 221+46.87

FOUND MONUMENT TABLE			
MONUMENT	Y	X	DESCRIPTION
IP1300	410527.278	892962.128	DRILL HOLE
IP1301	410944.694	892744.546	1.5" IRON PIPE
IP1302	411091.340	892809.456	DRILL HOLE
IP1303	411161.784	892681.913	2" IRON PIPE
IP1304	411187.779	892783.296	DRILL HOLE
IP1305	411273.061	892771.645	0.75" REBAR
IP1306	411287.749	892828.057	1" IRON BAR
IP1307	411043.914	892887.355	1.5" IRON PIPE
IP1308	410525.659	893107.928	1" IRON PIPE
IP1309	410507.311	893030.474	DRILL HOLE

JT ENGINEERING, INC Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 5/30/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 5/30/2023
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\1706-06-21_040101.DWG
APPRAISAL PLAT DATE : 05/30/2023
PLOT DATE : 5/30/2023 2:03 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN:30FT
1706-06-71
1706-06-21 - 4.03

TRANSPORTATION PROJECT PLAT NO: 1706-06-21 - 4.03
EXTENSION SHEET

RELOCATION ORDER STH 11 DUBUQUE - SHULLSBURG (V HAZEL GREEN W LIMIT TO V N LIMIT), GRANT COUNTY, WISCONSIN

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 835505.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT COUNTY, NAD83 (2011), IN U.S. SURVEY FEET, VALUES SHOWN ARE IN GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

4

4

R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X
300	213+00.00	0.00'	410457.534	893015.286
301	213+00.00	32.75' LT	410448.645	892983.768
302	213+15.00	32.65' LT	410463.107	892979.788
303	213+15.00	34.00' LT	410462.742	892978.491
304	213+41.57	34.00' LT	410488.311	892971.279
306	215+73.47	31.01' LT	410712.314	892911.208
307	216+13.46	30.55' LT	410750.934	892900.790
308	217+96.00	28.47' LT	410927.182	892853.246
309	218+06.07	32.00' LT	410935.912	892847.112
310	218+46.05	31.00' LT	410974.669	892837.220
311	218+57.00	31.00' LT	410985.204	892834.249
312	218+69.00	27.63' LT	410997.669	892834.235
313	220+24.04	29.60' LT	411149.237	892793.372
314	220+62.74	39.00' LT	411186.203	892776.507
315	220+65.00	34.00' LT	411189.382	892781.007
316	220+85.00	33.00' LT	411209.664	892778.439

R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X
317	220+85.00	31.08' LT	411209.986	892780.332
318	220+84.04	0.00'	411214.258	892811.132
319	220+83.12	28.89' RT	411218.229	892839.763
320	220+60.77	28.03' RT	411196.465	892842.782
321	218+44.57	32.09' RT	410990.371	892898.345
322	218+04.57	31.64' RT	410951.749	892908.764
323	216+13.08	29.45' RT	410766.854	892958.640
324	215+73.08	28.99' RT	410728.234	892969.057
325	213+83.84	27.79' RT	410545.764	893019.272
326	213+43.62	32.00' RT	410508.204	893034.243
327	213+40.94	27.51' RT	410504.408	893030.652
328	213+00.00	27.25' RT	410464.932	893041.516
IP1300	213+81.56	32.23' LT	410527.278	892962.128

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
T350	213+41.59	37.00' LT
T351	213+81.63	42.00' LT
T352	214+02.00	42.00' LT
T353	214+10.00	32.05' LT
T354	215+39.00	31.23' LT
T355	215+39.00	35.00' LT
T356	215+73.47	35.00' LT
T357	216+13.52	40.00' LT
T358	216+40.00	40.00' LT
T359	216+40.00	30.25' LT
T360	217+69.00	28.78' LT
T361	217+69.00	38.00' LT
T362	218+03.00	38.00' LT
T363	218+06.25	40.00' LT
T364	218+46.31	42.00' LT
T365	218+75.00	34.00' LT
T366	218+75.00	27.56' LT
T367	220+05.00	28.62' LT
T368	220+05.00	35.00' LT

TLE STATION & OFFSET TABLE		
POINT NO.	STATION	OFFSET
T369	220+23.80	35.00' LT
T370	220+85.00	36.00' LT
T371	218+56.00	32.22' RT
T372	218+56.00	39.00' RT
T373	218+44.41	39.00' RT
T374	216+34.00	29.69' RT
T375	216+13.05	34.00' RT
T376	215+73.05	35.00' RT
T377	215+62.00	35.00' RT
T378	215+45.00	28.81' RT
T379	214+10.00	27.95' RT
T380	214+10.00	37.00' RT
T381	213+83.45	37.00' RT
T382	213+43.49	35.00' RT
T383	213+25.00	35.00' RT
T384	213+12.00	27.33' RT

PROJECT NUMBER: 1706-06- 21 - 4.03
SHEET 2 OF 2

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\1706-06-21_040101.DWG PLOT DATE : 5/30/2023 2:04 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : N/A

TRANSPORTATION PROJECT PLAT NO: 1706-06-21 - 4.04

THAT PART OF LOT 1 OF CSM 2151 RECORDED IN VOLUME 21 OF CSMS ON PAGES 147-148 AS DOCUMENT NUMBER 831816, BEING IN THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 AND THAT PART OF LOT 1 OF CSM 2151 RECORDED IN VOLUME 21 OF CSMS ON PAGES 147-148 AS DOCUMENT NUMBER 831816, BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 24, TOWNSHIP 1 NORTH, RANGE 1 WEST, VILLAGE OF HAZEL GREEN, GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 11 DUBUQUE - SHULLSBURG (V HAZEL GREEN W LIMIT TO V N LIMIT), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 11/80 ESTABLISHED FROM PREVIOUS PROJECT DJ9506, PLAT OF SURVEY FOR MR. CURWEN, HAZEL GREEN INDUSTRIAL PARK SUBDIVISION, CSM 404, CSM 474, AND CSM 476.

EXISTING RIGHT-OF-WAY FOR FREIBURGER LANE ESTABLISHED FROM DOCUMENT NO. 605029 AND PLAT OF SURVEY FOR MR. CURWEN.

EXISTING RIGHT-OF-WAY FOR LEADMINE STREET ESTABLISHED FROM HAZEL GREEN INDUSTRIAL PARK SUBDIVISION AND CSM 542.

EXISTING ACCESS CONTROL FOR STH 11/ STH 80 ESTABLISHED FROM HAZEL GREEN INDUSTRIAL PARK SUBDIVISION

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON

NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 1B

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 3, OF DOCUMENT 835505 FOR MORE INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

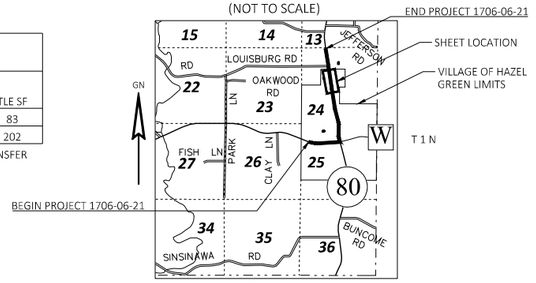
PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED			TLE SF
			NEW	EXISTING	TOTAL	
36	HAZEL GREEN HARDWARE, LLC	FEE & TLE	50	12028	12078	83
37	STACY M. KIELER	TLE	---	---	---	202

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

FOUND MONUMENT TABLE

MONUMENT	Y	X	DESCRIPTION
IP1401	412897.956	892607.562	0.5" REBAR
IP1402	412933.161	892600.568	0.75" REBAR
IP1403	412938.277	892731.717	0.75" REBAR
IP1404	413380.671	892532.373	0.75" REBAR
IP1406	413529.139	892409.190	0.75" REBAR
IP1407	412956.625	892513.602	0.75" REBAR

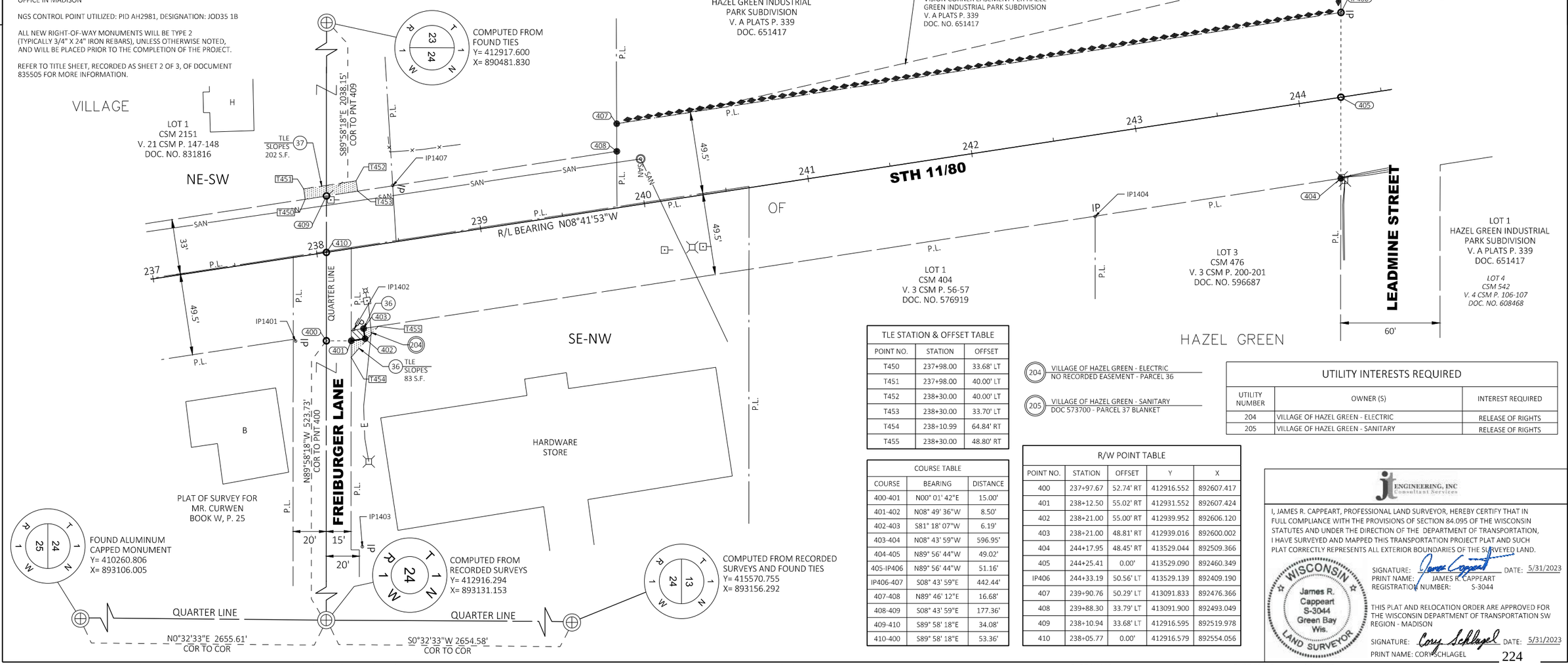
PROJECT LOCATION (NOT TO SCALE)



SCALE, FEET: 0 30 60

836746
GRANT COUNTY, WI
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06/01/2023 11:33:11 AM
ANDREA NOETHE, REGISTER
BOOK: C PAGE: 116F
PAGES RECORDED: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 1706-06-21 - 4.04



TLE STATION & OFFSET TABLE

POINT NO.	STATION	OFFSET
T450	237+98.00	33.68' LT
T451	237+98.00	40.00' LT
T452	238+30.00	40.00' LT
T453	238+30.00	33.70' LT
T454	238+10.99	64.84' RT
T455	238+30.00	48.80' RT

COURSE TABLE

COURSE	BEARING	DISTANCE
400-401	N00° 01' 42"E	15.00'
401-402	N08° 49' 36"W	8.50'
402-403	S81° 18' 07"W	6.19'
403-404	N08° 43' 59"W	596.95'
404-405	N89° 56' 44"W	49.02'
405-IP406	N89° 56' 44"W	51.16'
IP406-407	S08° 43' 59"E	442.44'
407-408	N89° 46' 12"E	16.68'
408-409	S08° 43' 59"E	177.36'
409-410	S89° 58' 18"E	34.08'
410-400	S89° 58' 18"E	53.36'

204 VILLAGE OF HAZEL GREEN - ELECTRIC
NO RECORDED EASEMENT - PARCEL 36

205 VILLAGE OF HAZEL GREEN - SANITARY
DOC 573700 - PARCEL 37 BLANKET

R/W POINT TABLE

POINT NO.	STATION	OFFSET	Y	X
400	237+97.67	52.74' RT	412916.552	892607.417
401	238+12.50	55.02' RT	412931.552	892607.424
402	238+21.00	55.00' RT	412939.952	892606.120
403	238+21.00	48.81' RT	412939.016	892600.002
404	244+17.95	48.45' RT	413529.044	892509.366
405	244+25.41	0.00'	413529.090	892460.349
IP406	244+33.19	50.56' LT	413529.139	892409.190
407	239+90.76	50.29' LT	413091.833	892476.366
408	239+88.30	33.79' LT	413091.900	892493.049
409	238+10.94	33.68' LT	412916.595	892519.978
410	238+05.77	0.00'	412916.579	892554.056

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
204	VILLAGE OF HAZEL GREEN - ELECTRIC	RELEASE OF RIGHTS
205	VILLAGE OF HAZEL GREEN - SANITARY	RELEASE OF RIGHTS

JT ENGINEERING, INC Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 5/31/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 5/31/2023
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\1706-06-21_040101.DWG
APPRAISAL PLAT DATE : 05/31/2023
PLOT DATE : 5/31/2023 7:52 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN:30FT

TRANSPORTATION PROJECT PLAT NO: 1706-06-21 - 4.05

THAT PART OF LOT 1 AND LOT 2 OF THE HAZEL GREEN INDUSTRIAL PARK SUBDIVISION RECORDED IN VOLUME A PLATS, PAGE 339 AS DOCUMENT NUMBER 651417, BEING IN THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 24, TOWNSHIP 1 NORTH, RANGE 1 WEST, VILLAGE OF HAZEL GREEN; AND ALSO THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 AND THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 24, TOWNSHIP 1 NORTH, RANGE 1 WEST, TOWN OF HAZEL GREEN, ALL IN GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 11 DUBUQUE - SHULLSBURG (V HAZEL GREEN W LIMIT TO V N LIMIT), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 11/80 ESTABLISHED FROM PREVIOUS PROJECT DJ9506, HAZEL GREEN INDUSTRIAL PARK SUBDIVISION, CSM 404, CSM 474, CSM 476 AND EXISTING C/L.

EXISTING RIGHT-OF-WAY FOR LEADMINE STREET ESTABLISHED FROM HAZEL GREEN INDUSTRIAL PARK SUBDIVISION AND CSM 542.

EXISTING RIGHT-OF-WAY FOR LOUISBURG ROAD ESTABLISHED FROM CSM 1114 (NOT SHOWN) AND EXISTING C/L.

EXISTING ACCESS CONTROL FOR STH 11/ STH 80 ESTABLISHED FROM HAZEL GREEN INDUSTRIAL PARK SUBDIVISION.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

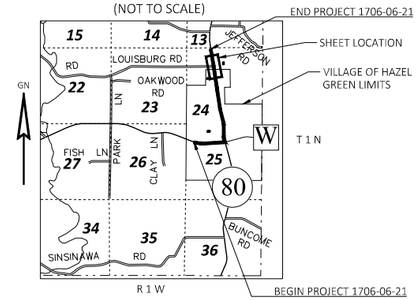
NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 1B

SIXTEENTH LINES WERE ESTABLISHED BY SECTION BREAKDOWN OF OBSERVED PLSS MONUMENTS.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 3, OF DOCUMENT 835505 FOR MORE INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



836747
GRANT COUNTY, WI
RECEIVED FOR RECORD
06/01/2023 11:34:11 AM
ANDREA NOETHE, REGISTER
BOOK: C PAGE: 116G
PAGES RECORDED: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 1706-06-21 - 4.05

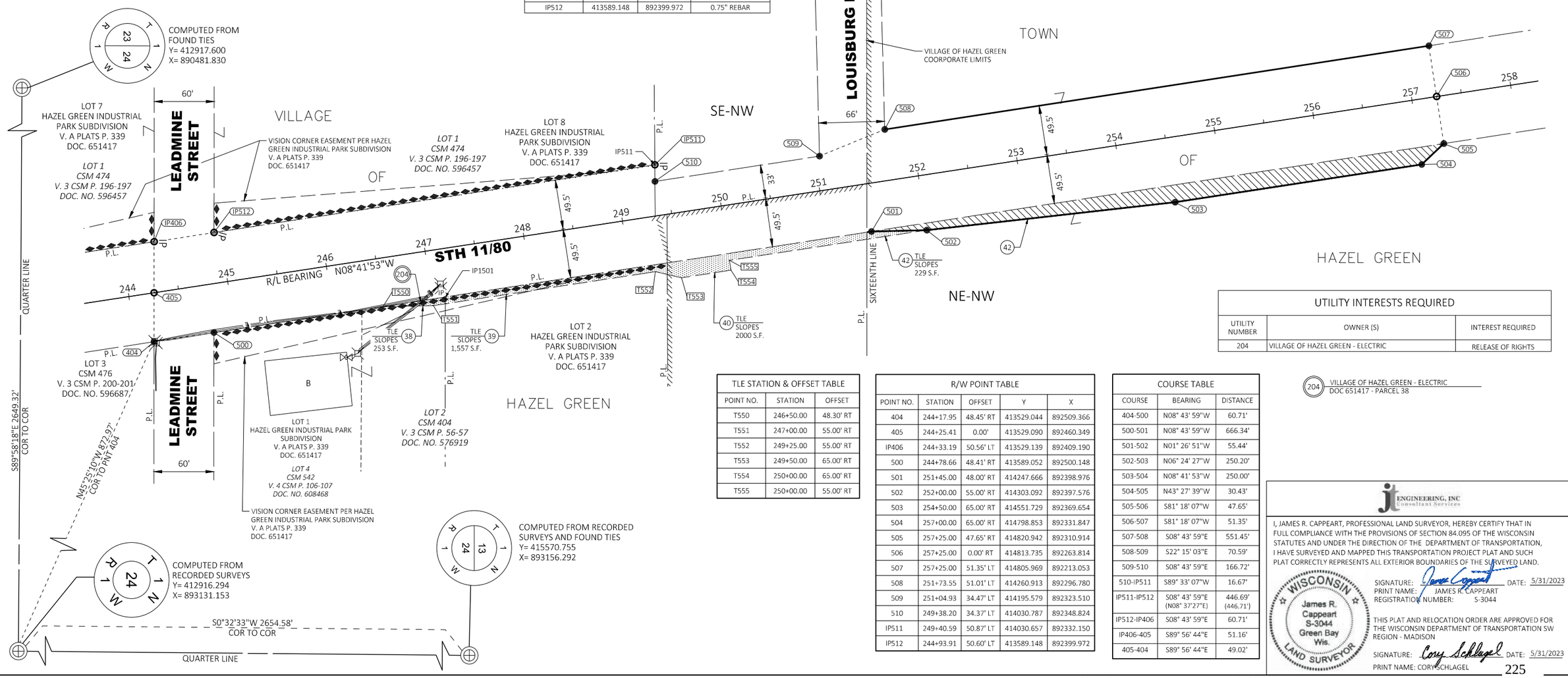
SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED			TLE SF
			NEW	EXISTING	TOTAL	
38	MIKE & VIRGINIA PROPERTIES, LLC.	TLE	---	---	---	253
39	VILLAGE OF HAZEL GREEN	TLE	---	---	---	1,557
40	OWEN H. WIEDERHOLT AND JOAN L. WIEDERHOLT	TLE	---	---	---	2,000
42	SCHWEIGERT DESCENDANTS TRUST ** MINERAL RIGHTS TO: RUNDE, INC.	FEE & TLE	7,752	57,094	64,846	229

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

FOUND MONUMENT TABLE

MONUMENT	Y	X	DESCRIPTION
IP406	413529.139	892409.190	0.75" REBAR
IP1501	413820.540	892465.248	0.75" REBAR
IP511	414030.657	892332.150	1.25" REBAR
IP512	413589.148	892399.972	0.75" REBAR



TLE STATION & OFFSET TABLE

POINT NO.	STATION	OFFSET
T550	246+50.00	48.30' RT
T551	247+00.00	55.00' RT
T552	249+25.00	55.00' RT
T553	249+50.00	65.00' RT
T554	250+00.00	65.00' RT
T555	250+00.00	55.00' RT

R/W POINT TABLE

POINT NO.	STATION	OFFSET	Y	X
404	244+17.95	48.45' RT	413529.044	892509.366
405	244+25.41	0.00'	413529.090	892460.349
IP406	244+33.19	50.56' LT	413529.139	892409.190
500	244+78.66	48.41' RT	413589.052	892500.148
501	251+45.00	48.00' RT	414247.666	892398.976
502	252+00.00	55.00' RT	414303.092	892397.576
503	254+50.00	65.00' RT	414551.729	892369.654
504	257+00.00	65.00' RT	414798.853	892331.847
505	257+25.00	47.65' RT	414820.942	892310.914
506	257+25.00	0.00' RT	414813.735	892263.814
507	257+25.00	51.35' LT	414805.969	892213.053
508	251+73.55	51.01' LT	414260.913	892296.780
509	251+04.93	34.47' LT	414195.579	892323.510
510	249+38.20	34.37' LT	414030.787	892348.824
IP511	249+40.59	50.87' LT	414030.657	892332.150
IP512	244+93.91	50.60' LT	413589.148	892399.972

COURSE TABLE

COURSE	BEARING	DISTANCE
404-500	N08° 43' 59"W	60.71'
500-501	N08° 43' 59"W	666.34'
501-502	N01° 26' 51"W	55.44'
502-503	N06° 24' 27"W	250.20'
503-504	N08° 41' 53"W	250.00'
504-505	N43° 27' 39"W	30.43'
505-506	S81° 18' 07"W	47.65'
506-507	S81° 18' 07"W	51.35'
507-508	S08° 43' 59"E	551.45'
508-509	S22° 15' 03"E	70.59'
509-510	S08° 43' 59"E	166.72'
510-IP511	S89° 33' 07"W	16.67'
IP511-IP512	S08° 43' 59"E (N08° 37'27"E)	446.69' (446.71')
IP512-IP406	S08° 43' 59"E	60.71'
IP406-405	S89° 56' 44"E	51.16'
405-404	S89° 56' 44"E	49.02'

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
204	VILLAGE OF HAZEL GREEN - ELECTRIC	RELEASE OF RIGHTS

204 VILLAGE OF HAZEL GREEN - ELECTRIC
DOC 651417 - PARCEL 38

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 5/31/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 5/31/2023
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\1706-06-21_040101.DWG
APPRAISAL PLAT DATE : 05/31/2023
PLOT DATE : 5/31/2023 8:30 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN:50FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5330-02-23
HAZEL GREEN - PLATTEVILLE
ILLINOIS STATE LINE TO STH 11
STH 80
GRANT COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE (P.L.)
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC) (W (TYPE))
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 (T 23 24 19 18 R)
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN (41 25)
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)

	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 ABBREVIATIONS

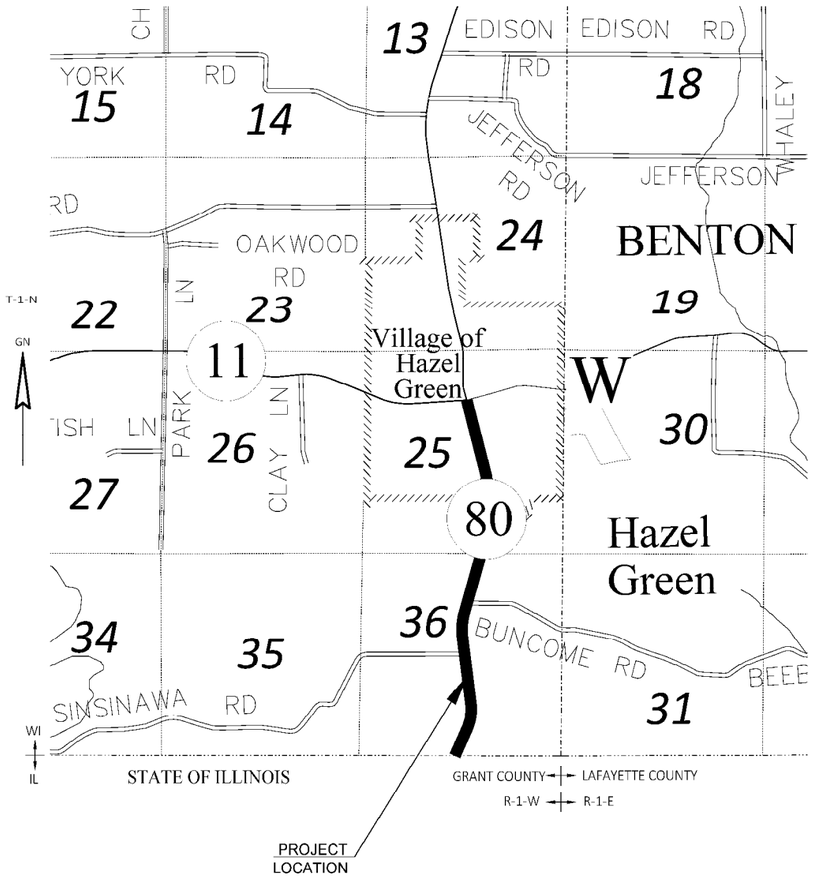
ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
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		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

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

CONVENTIONAL UTILITY SYMBOLS

W WATER
G GAS
T TELEPHONE
OH OVERHEAD TRANSMISSION LINES
E ELECTRIC
TV CABLE TELEVISION
FO FIBER OPTIC
SAN SANITARY SEWER
SS STORM SEWER



LAYOUT
SCALE 0 2000'

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5330-02-23

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATE REFERENCE SYSTEM(WISCRS), GRANT COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES 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.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL 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.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. 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 MADISON

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

PROJECT NUMBER 5330-02-23 -4.01
SHEET 2_OF_2
226

835452
GRANT COUNTY, WI
RECEIVED FOR RECORD
03/14/2023 10:57:21 AM
ANDREA NOETHE, REGISTER
BOOK: C PAGE: 116
PAGES RECORDED: 2

TRANSPORTATION PROJECT PLAT NO: 5330-02-23 - 4.01

THAT PART OF LOT 1 OF CSM 1746 RECORDED IN VOLUME 17 CSM, PAGES 43-45 AS DOCUMENT NUMBER 765871, BEING IN AND INCLUDING THAT PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 36, ALL IN TOWNSHIP 1 NORTH, RANGE 1 WEST, TOWN OF HAZEL GREEN, GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 80 HAZEL GREEN - PLATTEVILLE (ILLINOIS STATE LINE TO STH 11), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 80 ESTABLISHED FROM CSM 1746 AND DIVISION JOB 9506.

EXISTING RIGHT-OF-WAY FOR BUNCOMBE RD ESTABLISHED FROM STATE STATUTES CENTERED ON THE SOUTH LINE OF THE NW 1/4 OF THE NE 1/4 SECTION 36.

EXISTING ACCESS CONTROL FOR STH 80 ESTABLISHED FROM DOCUMENT NO. 656186.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

SIXTEENTH LINES WERE ESTABLISHED BY SECTION BREAKDOWN OF OBSERVED AND RECORD PLSS MONUMENTS.

NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 1B

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF THIS DOCUMENT.

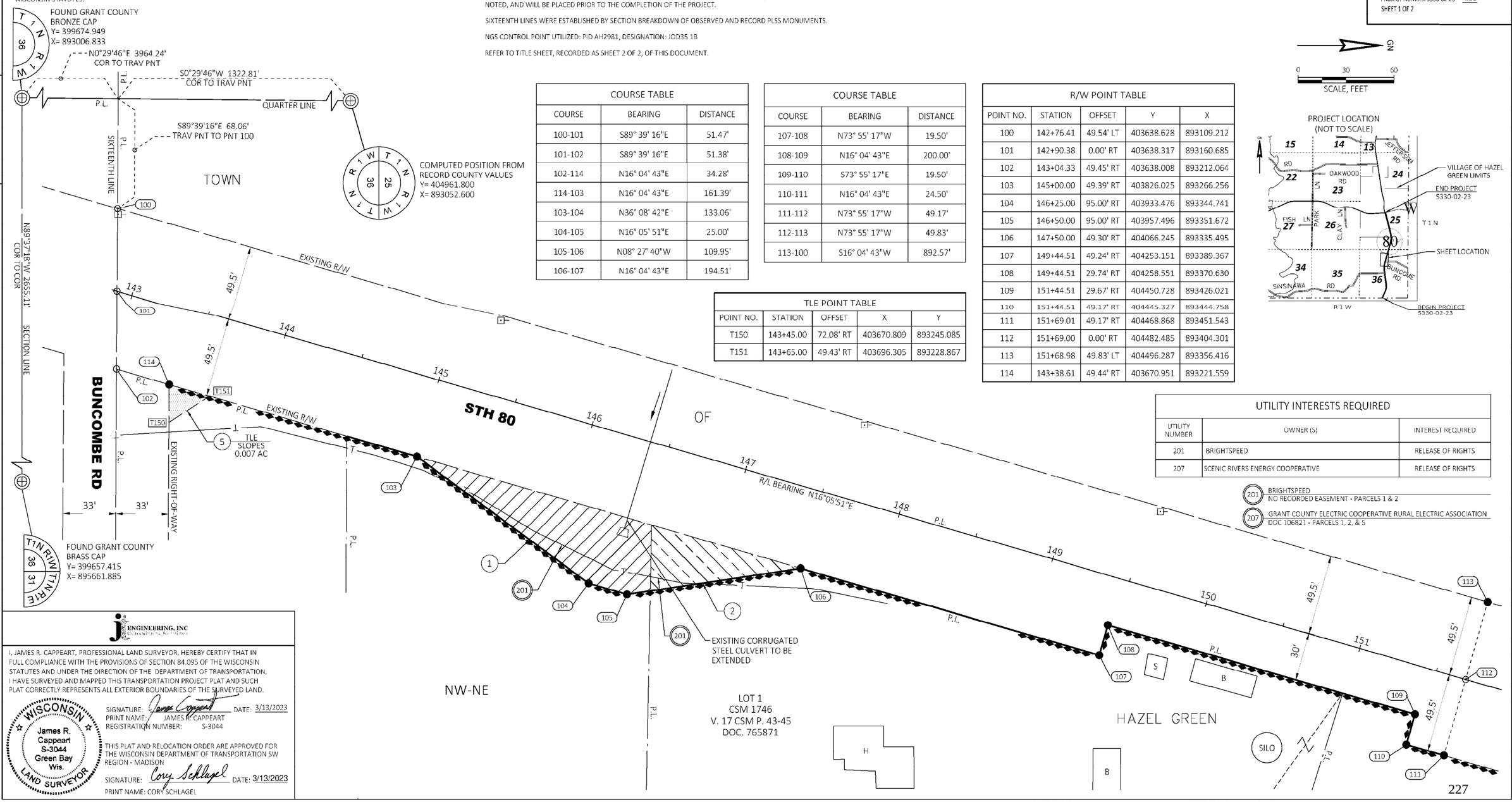
SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
1	TIMOTHY J VINCENT AND MICHAEL J VINCENT AS TRUSTEES UNDER TRUST AGREEMENT DATED DECEMBER 30, 2003, KNOWN AS TRUST 73-68	FEE	0.100	0.897	0.997	---
2	DARRYL A WHITE	FEE	0.044	---	0.044	---
5	MARK & DEOBRAH J STACHER	TLE	---	---	---	0.007

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5330-02-23 - 4.01
SHEET 1 OF 2

4



COURSE TABLE

COURSE	BEARING	DISTANCE
100-101	S89° 39' 16"E	51.47'
101-102	S89° 39' 16"E	51.38'
102-114	N16° 04' 43"E	34.28'
114-103	N16° 04' 43"E	161.39'
103-104	N36° 08' 42"E	133.06'
104-105	N16° 05' 51"E	25.00'
105-106	N08° 27' 40"W	109.95'
106-107	N16° 04' 43"E	194.51'

COURSE TABLE

COURSE	BEARING	DISTANCE
107-108	N73° 55' 17"W	19.50'
108-109	N16° 04' 43"E	200.00'
109-110	S73° 55' 17"E	19.50'
110-111	N16° 04' 43"E	24.50'
111-112	N73° 55' 17"W	49.17'
112-113	N73° 55' 17"W	49.83'
113-100	S16° 04' 43"W	892.57'

TLE POINT TABLE

POINT NO.	STATION	OFFSET	X	Y
T150	143+45.00	72.08' RT	403670.809	893245.085
T151	143+65.00	49.43' RT	403696.305	893228.867

R/W POINT TABLE

POINT NO.	STATION	OFFSET	Y	X
100	142+76.41	49.54' LT	403638.628	893109.212
101	142+90.38	0.00' RT	403638.317	893160.685
102	143+04.33	49.45' RT	403638.008	893212.064
103	145+00.00	49.39' RT	403826.025	893266.256
104	146+25.00	95.00' RT	403933.476	893344.741
105	146+50.00	95.00' RT	403957.496	893351.672
106	147+50.00	49.30' RT	404066.245	893335.495
107	149+44.51	49.24' RT	404253.151	893389.367
108	149+44.51	29.74' RT	404258.551	893370.630
109	151+44.51	29.67' RT	404450.728	893426.021
110	151+44.51	49.17' RT	404445.327	893444.758
111	151+69.01	49.17' RT	404468.868	893451.543
112	151+69.00	0.00' RT	404482.485	893404.301
113	151+68.98	49.83' LT	404496.287	893356.416
114	143+38.61	49.44' RT	403670.951	893221.559

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	BRIGHTSPEED	RELEASE OF RIGHTS
207	SCENIC RIVERS ENERGY COOPERATIVE	RELEASE OF RIGHTS

201 BRIGHTSPEED
NO RECORDED EASEMENT - PARCELS 1 & 2

207 GRANT COUNTY ELECTRIC COOPERATIVE RURAL ELECTRIC ASSOCIATION
DOC 106821 - PARCELS 1, 2, & 5

4

JEENGINEERING, INC

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 3/13/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 3/13/2023
PRINT NAME: CORY SCHLAGEL

227

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\040101_BUNCOMBERD.DWG
PLOT DATE : 3/13/2023 12:56 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1"=30'
APPRAISAL PLAT DATE : 3/13/2023

TRANSPORTATION PROJECT PLAT NO: 5330-02-23 - 4.02

THAT PART OF LOT 3 IN BLOCK 1W OF EDWARDS ADDITION TO LOWER HAZEL GREEN AND THAT PART OF LOT 2 IN BLOCK 2W AND THAT PART OF LOT 1 AND LOT 2 IN BLOCK 3W, AND THAT PART OF LOT 1 AND LOT 2 IN BLOCK 3E, AND PART OF VACATED 14TH STREET, LOWER HAZEL GREEN, AND THAT PART OF LOT 1 OF CSM 217 RECORDED IN VOLUME 1 CSM ON PAGES 277-278 AS DOCUMENT 500705, AND THAT PART OF LOT 1 OF CSM 1103 RECORDED IN VOLUME 9 CSM ON PAGES 118-119 AS DOCUMENT NUMBER 669939, AND THAT PART OF LOT 1 OF CSM 1554 RECORDED IN VOLUME 14 CSM ON PAGES 168-170 AS DOCUMENT NUMBER 730571, ALL BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4, AND THAT PART OF LOT 1 AND LOT 2 IN BLOCK 4W, AND THAT PART OF LOT 1 OF IN BLOCK 5W, LOWER HAZEL GREEN, BEING IN PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 25, TOWNSHIP 1 NORTH, RANGE 1 WEST, VILLAGE OF HAZEL GREEN, GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 80 HAZEL GREEN - PLATTEVILLE (ILLINOIS STATE LINE TO STH 11), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 80 ESTABLISHED FROM LOWER HAZEL GREEN, EDWARDS ADDITION TO LOWER HAZEL GREEN, CSM 217, CSM 279, CSM 1103, AND CSM 1554.

EXISTING RIGHT-OF-WAY FOR VACATED 12TH, 13TH, 14TH, 15TH, AND S MAIN STREET ESTABLISHED FROM LOWER HAZEL GREEN.

EXISTING RIGHT-OF-WAY FOR 12TH STREET ESTABLISHED FROM CSM 1103

EXISTING RIGHT-OF-WAY FOR VACATED 14TH STREET ESTABLISHED FROM DOC 638092.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 835452, FOR MORE INFORMATION.

FOR STATION AND OFFSET TABLES AND FOUND MONUMENT TABLE REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 1B

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
3	MARILYN A. WILKERSON	FEE & TLE	31	---	31	185
4	WIEGMAN'S REMODELING, LLC	FEE & TLE	39	---	39	70
6	BRENDA S. ALLBEE & MICHAEL D. ALLBEE	FEE & TLE	70	---	70	286
7	JAQUELINE M. TREVARTHEN	FEE & TLE	50	---	50	107
8	STEVE VOSBERG & JOYCE VOSBERG	TLE	---	---	---	491
9	MARK B. DAMM & HEATHER A. DAMM	TLE	---	---	---	224
11	SHAINE M. EULER & JULIE L. EULER	TLE	---	---	---	223
12	CHARLES G. RICHARDSON & SHIRLEY A. RICHARDSON	TLE	---	---	---	235
13	MICHAEL C. DUNBAR	FEE & TLE	28	---	28	90
14	EUGENE R. CHAMPION	FEE & TLE	25	---	25	74
16	KATHRYN M. LISK	TLE	---	---	---	73
17	KEVIN J. STIENSTRA	FEE & TLE	133	---	133	125
18	GREGORY J. HILLARY	FEE & TLE	40	---	40	104

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	BRIGHTSPEED	RELEASE OF RIGHTS
204	VILLAGE OF HAZEL GREEN - WATER	RELEASE OF RIGHTS

(201) PLATTEVILLE TELEPHONE CO.
DOC 458849 V 525 DEEDS, P 845 - PARCEL 3
DOC 458938 V 526 DEEDS, P 56 - PARCEL 17

(201) WISCONSIN TELEPHONE CO.
DOC 38649 V221, P. 245 - PARCEL 16

(204) VILLAGE OF HAZEL GREEN - WATER
NO RECORDED EASEMENT - PARCEL 17

COMPUTED FROM WITNESS TIES
Y= 407612.033
X= 893079.063

S0°34'58"W 2648.91'
COR TO COR

FOUND ALUMINUM CAPPED MONUMENT
Y= 410260.806
X= 893106.005

R/L CURVE 1
PI STA = 188+16.15
Y = 408030.499
X = 893408.332
DELTA = 2°19'32" LT
D = 0°29'54"
T = 233.42'
L = 466.78'
R = 11500.00'
PC STA = 185+82.73
PT STA = 190+49.51
DA = N16°00'48"W

PNT 219 TO PC 185+82.73
L = 117.27
LCH = 117.27
LCB = S13°58'48"E
R = 11500.00'

PNT 219 TO PT 190+49.51
L = 349.51'
LCH = 349.49'
LCB = N15°08'34"W
R = 11500.00'

836662
GRANT COUNTY, WI
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ANDREA NOETHE, REGISTER
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5330-02-23 - 4.02
AMENDMENT NO:___
SHEET 1 OF 2

N89°52'37"E 399.79'
COR TO PNT 214

N89°52'37"E 31.17'
PNT 214 TO PNT 235 (R/L)

S89°52'37"W 31.64'
PNT 235 (R/L) TO PNT 222

S89°52'37"W 2175.82'
COR TO PNT 222

R/L BEARING N13°41'16"W

FOUND LAFAYETTE COUNTY ALUMINUM CAP
Y= 407617.697
X= 895717.481

LOWER HAZEL GREEN
NW-SE
SW-NE
STH 80 (S PERCIVAL STREET)
12TH STREET
13TH STREET
14TH STREET
15TH STREET
VACATED 12TH STREET
VACATED 14TH STREET
S MAIN STREET
BLOCK 1W
BLOCK 2W
BLOCK 3W
BLOCK 4W
BLOCK 5W
BLOCK 1E
BLOCK 2E
BLOCK 3E
BLOCK 5E
LOT 1 CSM 217 V. 1 CSM P. 277-278 DOC NO. 500705
LOT 1 CSM 1103 V. 9 CSM P. 118-119 DOC NO. 669939
LOT 1 CSM 1554 V. 14 CSM P. 168-170 DOC NO. 730571
LOT 1 CSM 931 V. 7 CSM P. 222-224 DOC NO. 648355
LOT 3 CSM 279 V. 2 CSM P.56-57 DOC NO. 527860
LOT 1 CSM 279
LOT 2 CSM 279
VILLAGE OF HAZEL GREEN - EDWARDS ADDITION TO LOWER HAZEL GREEN
UNPLATTED LANDS
SOUTH LINE OF EDWARDS ADDITION TO LOWER HAZEL GREEN
EDWARDS ADDITION TO LOWER HAZEL GREEN
HAZEL GREEN
QUARTER LINE
R/L CURVE 1
SEE SHEET 4.03

COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	S76° 06' 10"W	31.79'
201-202	N13° 53' 50"W	60.22'
202-203	N24° 54' 32"W	5.10'
203-204	N13° 41' 16"W	31.06'
204-205	N17° 58' 44"W	40.08'
205-206	N00° 44' 12"W	19.47'
206-207	N12° 48' 31"W	110.01'
207-208	S76° 18' 44"W	2.05'
208-209	N13° 41' 16"W	30.67'
209-210	N13° 41' 16"W	40.00'
210-211	N13° 41' 16"W	21.33'
211-212	N76° 18' 44"E	2.31'
212-213	N13° 53' 31"W	138.53'
213-214	N13° 53' 31"W	33.18'

COURSE TABLE		
COURSE	BEARING	DISTANCE
214-215	N13° 53' 31"W	6.82'
215-216	N13° 53' 31"W	159.87'
216-217	N13° 53' 31"W	40.00'
217-218	N13° 53' 31"W	99.28'
218-219	N75° 43' 41"E	30.80'
219-220	N75° 43' 41"E	29.20'
220-IP221	S13° 53' 31"E	214.55'
IP221-222	S14° 26' 07"E	106.78'
222-223	S14° 26' 07"E	18.29'
223-224	S13° 41' 16"E	25.69'
224-225	S76° 18' 44"W	1.09'
225-226	S13° 53' 31"E	115.00'
226-227	S21° 33' 15"E	19.61'
227-IP228	S10° 09' 06"E	40.08'

COURSE TABLE		
COURSE	BEARING	DISTANCE
IP228-229	S12° 48' 31"E	160.58'
229-230	N76° 18' 44"E	0.94'
230-231	S13° 41' 16"E	50.00'
231-232	S23° 26' 28"E	24.86'
232-233	S11° 57' 15"E	40.04'
233-234	S03° 12' 18"E	20.82'
234-200	S76° 06' 10"W	28.21'

PROJECT LOCATION (NOT TO SCALE)

VILLAGE OF HAZEL GREEN LIMITS
END PROJECT 5330-02-23
SHEET LOCATION
BEGIN PROJECT 5330-02-23
T 1 N
R 1 W

JT ENGINEERING, INC Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 5/26/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 5/26/2023
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\5330-02-23_040101.DWG
APPRAISAL PLAT DATE : 5/26/2023
PLOT DATE : 5/26/2023 11:45 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN:30FT
5330-02-73
5330-02-23 - 4.02

TRANSPORTATION PROJECT PLAT NO: 5330-02-23 - 4.02

EXTENSION SHEET

RELOCATION ORDER STH 80 HAZEL GREEN - PLATTEVILLE (ILLINOIS STATE LINE TO STH 11), GRANT COUNTY, WISCONSIN

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 835452, FOR MORE INFORMATION.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT COUNTY, NAD83 (2011), IN U.S. SURVEY FEET, VALUES SHOWN ARE IN GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

4

R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X
200	178+64.90	0.00'	407106.264	893633.426
201	178+64.78	31.79' LT	407098.630	893602.568
202	179+25.00	32.01' LT	407157.087	893588.105
203	179+30.00	33.00' LT	407161.710	893585.958
204	179+61.06	33.00' LT	407191.892	893578.607
205	180+01.03	36.00' LT	407230.013	893566.236
206	180+20.00	31.64' LT	407249.477	893565.986
207	181+30.00	29.95' LT	407356.752	893541.597
208	181+30.00	32.00' LT	407356.266	893539.604
209	181+60.67	32.00' LT	407386.062	893532.347
210	182+00.67	32.00' LT	407424.926	893522.882
211	182+22.00	32.00' LT	407445.654	893517.834
212	182+22.00	29.69' LT	407446.200	893520.077
213	183+60.53	30.19' LT	407580.681	893486.816
214	183+93.71	30.30' LT	407612.891	893478.849
215	184+00.53	30.33' LT	407619.512	893477.212

R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X
216	185+60.40	30.90' LT	407774.705	893438.828
217	186+00.45	31.03' LT	407813.536	893429.224
218	187+00.00	30.80' LT	407909.914	893405.387
219	187+00.00	0.00'	407917.507	893435.235
220	187+00.00	29.20' RT	407924.706	893463.536
IP221	184+85.75	29.37' RT	407716.431	893515.049
222	183+78.98	30.76' RT	407613.026	893541.667
223	183+60.69	31.00' RT	407595.316	893546.225
224	183+35.00	31.00' RT	407570.352	893552.305
225	183+35.00	29.91' RT	407570.093	893551.242
226	182+20.00	30.32' RT	407458.456	893578.853
227	182+00.57	33.00' RT	407440.217	893586.058
IP228	181+60.57	30.53' RT	407400.760	893593.123
229	180+00.00	28.06' RT	407244.171	893628.723
230	180+00.00	29.00' RT	407244.393	893629.633
231	179+50.00	29.00' RT	407195.813	893641.464

R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X
232	179+25.50	33.21' RT	407173.005	893651.354
233	178+85.47	32.00' RT	407133.830	893659.648
234	178+65.00	28.21' RT	407113.040	893660.812
235	183+86.40	0.00'	407612.958	893510.023

FOUND MONUMENT TABLE			
MONUMENT	Y	X	DESCRIPTION
IP1200	407111.516	893588.572	1" REBAR
IP1201	407231.070	893570.355	0.75" REBAR
IP1202	407344.583	893542.694	1.5" PIPE
IP1203	407691.757	893457.481	2" PIPE
IP1204	407892.719	893410.641	0.75" REBAR
IP1205	407771.697	893497.477	0.75" REBAR
IP1206	407718.509	893523.529	2" PIPE
IP1207	407617.053	893552.802	0.75" REBAR
IP1208	407591.426	893550.775	1" PIPE IN CONC
IP1209	407453.280	893646.481	1.5" PIPE IN CONC
IP228	407400.760	893593.123	0.75" PIPE
IP1211	407322.521	893611.472	0.75" REBAR
IP1212	407172.238	893646.655	0.5" REBAR
IP1213	407133.350	893655.787	0.75" REBAR
IP221	407716.431	893515.049	0.75" REBAR

4

TLE POINT TABLE				
POINT NO.	STATION	OFFSET	X	Y
T237	179+35.00	38.00' LT	407165.385	893579.917
T238	179+55.00	40.00' LT	407184.343	893573.241
T239	179+60.98	40.00' LT	407190.151	893571.826
T240	180+00.97	41.00' LT	407228.770	893561.392
T241	180+20.00	34.00' LT	407248.917	893563.690
T242	181+25.00	30.03' LT	407351.876	893542.706
T243	181+25.00	33.00' LT	407351.172	893539.815
T244	181+35.00	41.00' LT	407358.995	893529.676
T245	181+60.68	40.61' LT	407384.038	893523.982
T246	182+00.67	37.00' LT	407423.750	893518.022
T247	182+22.00	37.00' LT	407444.470	893512.976
T248	183+20.00	30.04' LT	407541.334	893496.547
T249	183+20.00	37.00' LT	407539.687	893489.786
T250	183+35.00	43.00' LT	407552.842	893480.407

TLE POINT TABLE				
POINT NO.	STATION	OFFSET	X	Y
T251	183+55.00	43.00' LT	407572.273	893475.674
T252	183+60.58	48.00' LT	407576.516	893469.495
T253	184+00.58	46.00' LT	407615.848	893461.974
T254	184+10.00	37.00' LT	407627.131	893468.489
T255	184+28.00	37.00' LT	407644.620	893464.230
T256	184+28.00	30.43' LT	407646.176	893470.617
T257	185+33.00	30.80' LT	407748.105	893445.407
T258	185+33.00	38.00' LT	407746.401	893438.412
T259	185+51.00	38.00' LT	407763.890	893434.153
T260	185+60.46	44.00' LT	407771.661	893426.085
T261	186+00.53	44.00' LT	407810.522	893416.606
T262	186+10.00	38.00' LT	407821.119	893420.182
T263	186+31.00	37.46' LT	407841.568	893415.683
T264	186+31.00	31.05' LT	407843.112	893421.909

TLE POINT TABLE				
POINT NO.	STATION	OFFSET	X	Y
T265	183+62.30	32.00' RT	407597.115	893546.816
T266	183+50.00	35.00' RT	407585.873	893552.642
T267	183+35.00	35.00' RT	407571.299	893556.192
T268	182+20.00	34.00' RT	407459.328	893582.432
T269	182+09.09	36.00' RT	407449.205	893586.956
T270	182+00.57	36.00' RT	407440.923	893588.973
T271	181+60.57	38.00' RT	407402.529	893600.383
T272	181+50.00	33.00' RT	407391.079	893598.025
T273	181+35.00	30.14' RT	407375.828	893598.791
T274	179+40.00	38.00' RT	407188.227	893652.575
T275	179+25.13	38.00' RT	407173.779	893656.094
T276	178+84.70	42.00' RT	407135.446	893669.547

PROJECT NUMBER 5330-02-23 - 4.02
SHEET 2_OF_2

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\5330-02-23_040101.DWG PLOT DATE : 5/26/2023 11:39 AM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : N/A

TRANSPORTATION PROJECT PLAT NO: 5330-02-23 - 4.03

THAT PART OF LOT 2 IN BLOCK 5W AND THAT PART OF LOT 1 AND LOT 2 IN BLOCK 6W, AND THAT PART OF LOT 1 IN BLOCK 7W, AND THAT PART OF LOT 1 AND LOT 2 IN BLOCK 8W, AND THAT PART OF LOT 1 IN BLOCK 9W, AND THAT PART OF LOT 2 IN BLOCK 6E, AND THAT PART OF LOT 1 AND LOT 2 IN BLOCK 7E, AND THAT PART OF LOT 1 AND LOT 2 IN BLOCK 8E, AND THAT PART OF LOT 1 IN BLOCK 9E, LOWER HAZEL GREEN, AND THAT PART OF LOT 2 OF CSM 279 RECORDED IN VOLUME 2 CSM ON PAGE 56 AS DOCUMENT 527860, BEING IN A PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 25, VILLAGE OF HAZEL GREEN, GRANT COUNTY, WISCONSIN.

RELOCATION ORDER STH 80 HAZEL GREEN - PLATTEVILLE (ILLINOIS STATE LINE TO STH 11), GRANT COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 80 ESTABLISHED FROM LOWER HAZEL GREEN.

EXISTING RIGHT-OF-WAY FOR 16TH, 17TH, 18TH, AND 19TH STREETS ESTABLISHED FROM LOWER HAZEL GREEN.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

NGS CONTROL POINT UTILIZED: PID AH2981, DESIGNATION: JOD35 1B

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 835452, FOR MORE INFORMATION.

FOR STATION AND OFFSET TABLES AND FOUND MONUMENT TABLE REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	R/W SF, REQUIRED EXISTING	R/W SF, REQUIRED TOTAL	TLE SF
19	TERRY E STASKAL REVOCABLE TRUST	TLE	---	---	---	283
20	BLINDA S. SYMONS	TLE	---	---	----	251
21	JENNIFER LEE GOODNO	TLE	---	---	---	189
22	DANIEL COLLINS & BRITTANY COLLINS	FEE & TLE	22	---	22	293
23	MICHAEL LOVELL & JEAN LOVELL	TLE	---	---	---	166
24	TODD F TEMPERLY	TLE	---	---	---	90
26	THE VILLAGE OF HAZEL GREEN	FEE & TLE	54	---	54	127
27	HAZEL GREEN METHODIST CHURCH	FEE & TLE	12	---	12	590
28	GERRY MIDDENDORF	TLE	---	---	---	115
29	JAMES J & LISA A DEININGER	FEE & TLE	31	---	31	309
31	JAMES C WEBER & KATHRYN R WEBER	FEE & TLE	10	---	10	179
32	DAVID G TEMPERLY & NANCY A TEMPERLY	FEE & TLE	96	---	96	93
33	DONALD & CARLA AVERKAMP	FEE & TLE	113	---	113	132
34	GREGORY JON HILLARY	FEE & TLE	5	---	5	91

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

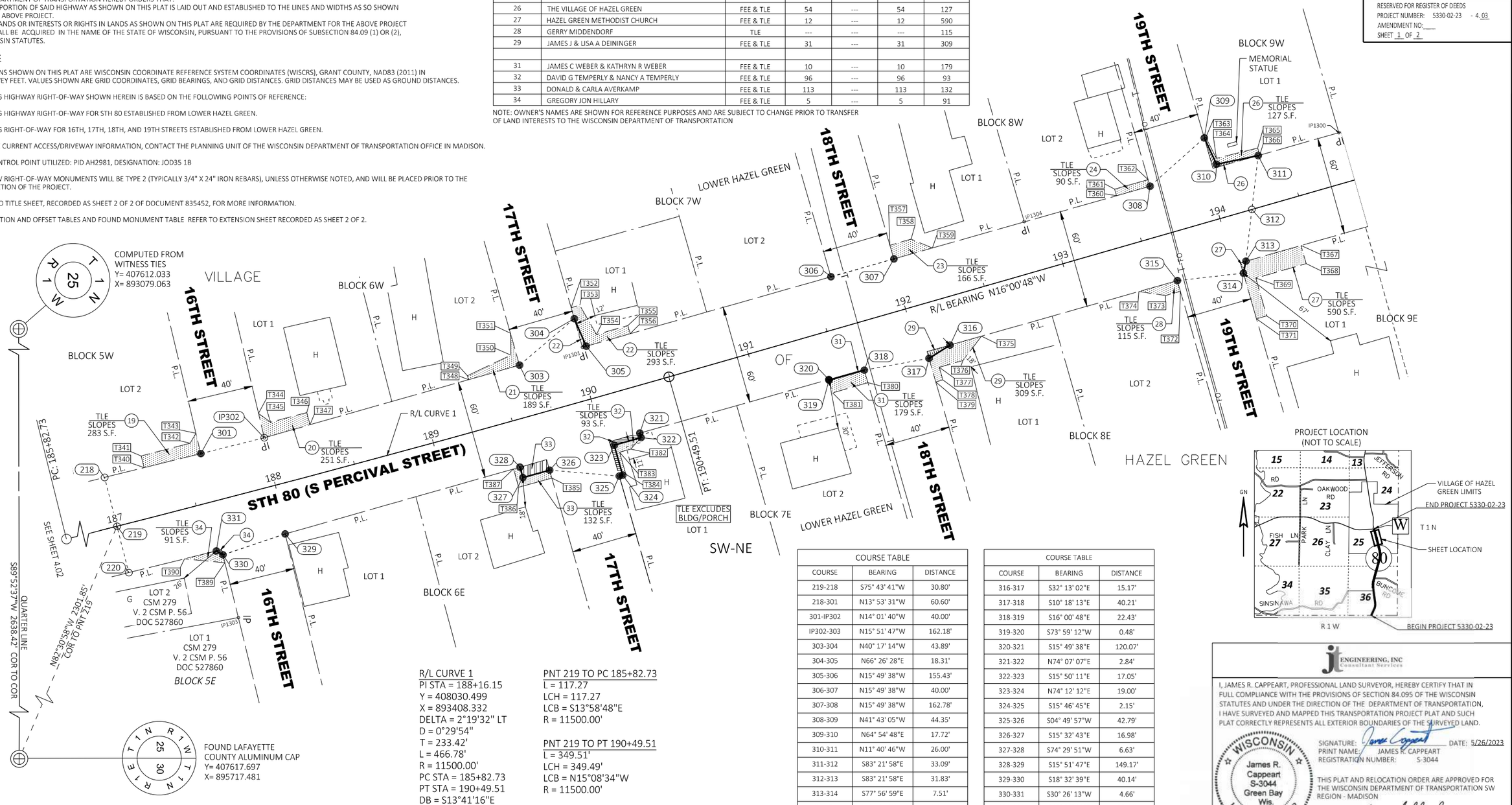
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	BRIGHTSPEED	RELEASE OF RIGHTS

201 WISCONSIN TELEPHONE CO.
DOC 38651 V 221 DEEDS, P 246 - PARCEL 28
DOC 38648 V 221 DEEDS, P 245 - PARCEL 29
DOC 38650 V 221 DEEDS, P 245 - PARCEL 32

GN
0 30 60
SCALE, FEET

836663
GRANT COUNTY, WI
RECEIVED FOR RECORD
05/30/2023 10:35:06 AM
ANDREA NOETHE, REGISTER
BOOK: C PAGE: 116C
PAGES RECORDED: 2

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5330-02-23 - 4.03
AMENDMENT NO:____
SHEET 1 OF 2



COURSE TABLE		
COURSE	BEARING	DISTANCE
219-218	S75° 43' 41"W	30.80'
218-301	N13° 53' 31"W	60.60'
301-IP302	N14° 01' 40"W	40.00'
IP302-303	N15° 51' 47"W	162.18'
303-304	N40° 17' 14"W	43.89'
304-305	N66° 26' 28"E	18.31'
305-306	N15° 49' 38"W	155.43'
306-307	N15° 49' 38"W	40.00'
307-308	N15° 49' 38"W	162.78'
308-309	N41° 43' 05"W	44.35'
309-310	N64° 54' 48"E	17.72'
310-311	N11° 40' 46"W	26.00'
311-312	S83° 21' 58"E	33.09'
312-313	S83° 21' 58"E	31.83'
313-314	S77° 56' 59"E	7.51'
314-315	S06° 25' 07"E	40.58'
315-316	S15° 49' 38"E	144.46'

COURSE TABLE		
COURSE	BEARING	DISTANCE
316-317	S32° 13' 02"E	15.17'
317-318	S10° 18' 13"E	40.21'
318-319	S16° 00' 48"E	22.43'
319-320	S73° 59' 12"W	0.48'
320-321	S15° 49' 38"E	120.07'
321-322	N74° 07' 07"E	2.84'
322-323	S15° 50' 11"E	17.05'
323-324	N74° 12' 12"E	19.00'
324-325	S15° 46' 45"E	2.15'
325-326	S04° 49' 57"W	42.79'
326-327	S15° 32' 43"E	16.98'
327-328	S74° 29' 51"W	6.63'
328-329	S15° 51' 47"E	149.17'
329-330	S18° 32' 39"E	40.14'
330-331	S30° 26' 13"W	4.66'
331-220	S13° 53' 31"E	55.14'
220-219	S75° 43' 41"W	29.20'

R/L CURVE 1
PI STA = 188+16.15
Y = 408030.499
X = 893408.332
DELTA = 2°19'32" LT
D = 0°29'54"
T = 233.42'
L = 466.78'
R = 11500.00'
PC STA = 185+82.73
PT STA = 190+49.51
DB = S13°41'16"E

PNT 219 TO PC 185+82.73
L = 117.27
LCH = 117.27
LCB = S13°58'48"E
R = 11500.00'

PNT 219 TO PT 190+49.51
L = 349.51'
LCH = 349.49'
LCB = N15°08'34"W
R = 11500.00'

JE ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 5/26/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 5/26/2023
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\RW\DWG\5330-02-23_040101.DWG
APPRAISAL PLAT DATE : 5/26/2023
PLOT DATE : 5/26/2023 11:50 AM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1IN:30FT
5330-02-73 5330-02-23 - 4.03

TRANSPORTATION PROJECT PLAT NO: 5330-02-23 - 4.03
EXTENSION SHEET

RELOCATION ORDER STH 80 HAZEL GREEN - PLATTEVILLE (ILLINOIS STATE LINE TO STH 11), GRANT COUNTY, WISCONSIN

FOUND MONUMENT TABLE			
MONUMENT	Y	X	DESCRIPTION
IP1300	408664.361	893194.752	1" IP
IP1301	408202.032	893325.877	NAIL
IP302	408007.547	893381.142	BOLT IN CONC
IP1303	407991.662	893491.014	0.75" REBAR
IP1304	408472.079	893249.070	0.75" REBAR

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2 OF DOCUMENT 835452, FOR MORE INFORMATION.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), GRANT COUNTY, NAD83 (2011), IN U.S. SURVEY FEET, VALUES SHOWN ARE IN GRID DISTANCES.
GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

4

4

R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X
218	187+00.00	30.80' LT	407909.914	893405.387
219	187+00.00	0.00'	407917.507	893435.235
220	187+00.00	29.20' RT	407924.706	893463.536
301	187+60.75	30.24' LT	407968.737	893390.838
IP302	188+00.86	29.79' LT	408007.547	893381.142
303	189+63.47	31.72' LT	408163.555	893336.811
304	190+03.52	49.99' LT	408197.035	893308.431
305	190+06.00	31.85' LT	408204.355	893325.218
306	191+61.55	31.42' LT	408353.892	893282.827
307	192+01.55	31.29' LT	408392.376	893271.917
308	193+64.33	30.76' LT	408548.982	893227.522
309	194+04.29	50.00' LT	408582.084	893198.010
310	194+07.08	32.51' LT	408589.596	893214.054
311	194+33.00	30.54' LT	408615.053	893208.792
312	194+20.26	0.00'	408611.230	893241.664
313	194+08.00	29.38' RT	408607.552	893273.282
314	194+04.47	36.00' RT	408605.985	893280.622

R/W POINT TABLE				
POINT NO.	STATION	OFFSET	Y	X
315	193+64.45	29.24' RT	408565.658	893285.159
316	192+20.00	28.77' RT	408426.679	893324.557
317	192+05.43	33.00' RT	408413.844	893332.645
318	191+65.43	29.00' RT	408374.287	893339.836
319	191+43.00	29.00' RT	408352.731	893346.023
320	191+43.00	28.52' RT	408352.597	893345.558
321	190+23.00	28.16' RT	408237.084	893378.305
322	190+23.00	31.00' RT	408237.862	893381.039
323	190+06.00	31.00' RT	408221.463	893385.691
324	190+06.00	50.00' RT	408226.635	893403.974
325	190+03.86	50.00' RT	408224.568	893404.558
326	189+63.93	35.00' RT	408181.927	893400.953
327	189+47.00	35.00' RT	408165.566	893405.504
328	189+47.00	28.37' RT	408163.795	893399.118
329	187+98.22	30.28' RT	408020.307	893439.891
330	187+58.29	32.99' RT	407982.253	893452.657
331	187+55.00	29.70' RT	407978.236	893450.297

TLE POINT TABLE				
POINT NO.	STATION	OFFSET	X	Y
T340	187+25.00	30.61' LT	407934.119	893399.400
T341	187+25.00	38.00' LT	407932.281	893392.239
T342	187+56.00	38.00' LT	407962.198	893384.517
T343	187+61.03	43.00' LT	407965.790	893378.417
T344	188+01.24	45.00' LT	408004.034	893366.333
T345	188+07.00	38.00' LT	408011.370	893371.636
T346	188+30.00	38.00' LT	408033.527	893365.757
T347	188+30.00	30.30' LT	408035.510	893373.196
T348	189+31.00	31.52' LT	408132.409	893345.661
T349	189+31.00	34.00' LT	408131.749	893343.268
T350	189+60.00	39.00' LT	408158.270	893330.726
T351	189+63.33	52.00' LT	408157.971	893317.314
T352	190+03.49	57.00' LT	408195.105	893301.693
T353	190+09.00	57.00' LT	408200.380	893300.202
T354	190+14.00	37.00' LT	408210.624	893318.086
T355	190+34.00	37.00' LT	408229.799	893312.629
T356	190+34.00	31.83' LT	408231.219	893317.603
T357	192+01.53	40.00' LT	408389.960	893263.553

TLE POINT TABLE				
POINT NO.	STATION	OFFSET	X	Y
T358	192+15.00	40.00' LT	408402.903	893259.838
T359	192+26.00	31.21' LT	408415.899	893265.249
T360	193+43.00	30.83' LT	408528.464	893233.338
T361	193+43.00	35.00' LT	408527.315	893229.334
T362	193+64.32	35.00' LT	408547.805	893223.454
T363	194+05.29	50.00' LT	408583.045	893197.732
T364	194+08.00	36.00' LT	408589.517	893210.442
T365	194+34.00	35.00' LT	408614.784	893204.231
T366	194+34.00	30.54' LT	408616.015	893208.519
T367	194+43.00	29.49' RT	408641.226	893263.737
T368	194+43.00	41.00' RT	408644.400	893274.799
T369	194+11.00	41.00' RT	408613.642	893283.627
T370	194+11.00	65.00' RT	408620.263	893306.695
T371	194+04.53	65.00' RT	408614.045	893308.480
T372	193+64.47	36.00' RT	408567.537	893291.657
T373	193+55.00	36.00' RT	408558.436	893294.269
T374	193+40.00	29.16' RT	408542.130	893291.829
T375	192+40.00	28.83' RT	408445.921	893319.103

TLE POINT TABLE				
POINT NO.	STATION	OFFSET	X	Y
T376	192+25.00	40.00' RT	408434.584	893333.976
T377	192+10.00	40.00' RT	408420.166	893338.113
T378	192+10.00	48.00' RT	408422.372	893345.803
T379	192+05.46	48.00' RT	408418.005	893347.056
T380	191+65.43	37.00' RT	408376.498	893347.525
T381	191+43.00	37.00' RT	408354.938	893353.713
T382	190+15.00	36.00' RT	408231.510	893388.041
T383	190+08.00	36.00' RT	408224.755	893389.956
T384	190+08.00	50.00' RT	408228.568	893403.427
T385	189+63.97	40.00' RT	408183.304	893405.760
T386	189+43.00	40.00' RT	408163.034	893411.392
T387	189+43.00	28.40' RT	408159.938	893400.214
T389	187+58.22	37.99' RT	407983.444	893457.513
T390	187+35.05	29.49' RT	407958.820	893455.099

PROJECT NUMBER 5330-02-23 - 4.03
SHEET 2_OF_2



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 232	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050101-pn
PLOT DATE : 11/1/2024 10:37 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

5

MATCHLINE STA 130+00

SCENIC RIVERS

FE WITH AGGREGATE SURFACE

PE WITH AGGREGATE SURFACE

SCENIC RIVERS

EXISTING R/W

131+00 132+00 133+00 134+00 135+00 136+00 137+00 138+00 139+00 140+00 141+00 142+00 143+00 144+00 145

STH 80

PE WITH AGGREGATE SURFACE

BRIGHTSPEED COM. UNDERGROUND (NOT MARKED IN FIELD)

SI

REMOVE AND REPLACE CULVERT PIPE SEE CONSTRUCTION DETAILS

PROPOSED R/W

END CONSTRUCTION STA 10'BU'+90.80 MATCH EXISTING BUTT JOINT REQ'D

BUNCOMBE RD 12'BU'

BRIGHTSPEED COM. UNDERGROUND

MATCHLINE STA 145+00

UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

5

MATCHLINE STA 145+00

CONTROL POINT - 1-INCH IRON PIPE CAPPED
X = 893324.352
Y = 404294.578
ELEV = 916.071

FE WITH AGGREGATE SURFACE

EXISTING R/W

146+00 147+00 148+00 149+00 150+00 151+00 152+00 153+00 154+00 155+00 156+00 157+00 158+00 159+00 160

STH 80

PE WITH AGGREGATE SURFACE

SI

PROPOSED R/W

REMOVING ENDWALL
12' - 36-INCH CSCP REQ'D
1 - AEW FOR CULVERT PIPE STEEL 36-INCH REQ'D

BRIGHTSPEED COM. UNDERGROUND

PREVIOUS R/W ACCESS

BRIGHTSPEED COM. UNDERGROUND (NOT MARKED IN FIELD)

FE WITH AGGREGATE SURFACE

SECTION LINE

MATCHLINE STA 160+02

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 233	E



5 5

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 234 E

MATCHLINE STA 171+60

CONTROL POINT - 0.75-INCH REBAR
X = 893746.889
Y = 406534.916
ELEV = 928.403

PE WITH AGGREGATE SURFACE

VILLAGE OF HAZEL GREEN - ELEC.

EXISTING R/W

ALLIANT ENERGY GAS

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN COMM

CAUTION

+83.68, 0.00'
BEGIN 2' CENTERLINE SHIFT

3.5" HMA
6.25" HMA

172+00
173+00
174+00
175+00
176+00
177+00

172+89.00, 0.00'

STH 80

+83.68, 0.00'
COMPLETE 2' CENTERLINE SHIFT

ADJUSTING MANHOLE COVERS

ADJUSTING WATER VALVE

RECREATION DR

ALLIANT ENERGY GAS

REFERENCE TIE - HYDRANT TOP NUT

VILLAGE OF HAZEL GREEN - WATER

BRIGHTSPEED COM. UNDERGOUND
(NOT MARKED IN FIELD)

END CONSTRUCTION
STA 10'RE'+67.74
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

MATCHLINE STA 177+40

5

5

MATCHLINE STA 177+40

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

BRIGHTSPEED COM. UNDERGROUND

END CONSTRUCTION
STA 9'AW'+48.90
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

12TH ST

ADJUSTING WATER VALVE

ADJUSTING WATER VALVE

REFERENCE TIE - HYDRANT TOP NUT

ALLIANT ENERGY GAS

END CONSTRUCTION
STA 9'BW'+49.14
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

13TH ST

CONTROL POINT - 10-INCH SPIKE
X = 893529.694
Y = 407434.095
ELEV = 927.316

CAUTION

CAUTION

ADJUSTING MANHOLE COVERS

RECONSTRUCTING INLET

ADJUSTING MANHOLE COVERS

RECONSTRUCTING INLET

178+00
179+00
180+00
181+00
182+00
183+00

ADJUSTING WATER VALVE

STH 80

ADJUSTING MANHOLE COVER

ADJUSTING WATER VALVE

MCCLAIN LN

VILLAGE OF HAZEL GREEN - WATER

PROPOSED R/W (TYP.)

BRIGHTSPEED COM. UNDERGROUND

12TH ST

SI (TYP.)

TLE (TYP.)

END CONSTRUCTION
STA 10'AE'+47.49
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

CONCRETE DRIVEWAY 6-INCH TYPE Z

CONTROL POINT - MAG NAIL IN ASPHALT
X = 893622.683
Y = 407244.434
ELEV = 928.625

EXISTING R/W

13TH ST

END CONSTRUCTION
STA 10'BE'+47.91
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

MATCHLINE STA 183+20

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 235 E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050104-pn

PLOT DATE : 11/1/2024 10:38 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

MATCHLINE STA 183+20

END CONSTRUCTION
STA 9'C'+49.41
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

ALLIANT ENERGY GAS

141H ST

CONTROL POINT - 10-INCH SPIKE
X = 893468.083
Y = 407615.464
ELEV = 927.941

CAUTION

RECONSTRUCT INLET

ADJUSTING WATER VALVE

184+00

RECONSTRUCTING INLET

RECONSTRUCTING INLET

ADJUSTING MANHOLE COVER

ADJUSTING WATER VALVE

VILLAGE OF HAZEL GREEN - WATER

VILLAGE OF HAZEL GREEN - SAN

UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

S MAIN ST

END CONSTRUCTION
STA 11'SM'+28.77
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

END CONSTRUCTION
STA 9'D'+53.85
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

15TH ST

ADJUSTING MANHOLE COVERS

ALLIANT ENERGY GAS

REFERENCE TIE - HYDRANT TOP NUT

185+00

STH 80

ADJUSTING WATER VALVE

186+00

RECONSTRUCTING INLET

ADJUSTING MANHOLE COVERS

EXISTING R/W

VILLAGE OF HAZEL GREEN - WATER

187+00

ADJUSTING MANHOLE COVERS

CONTROL POINT - 10-INCH SPIKE
X = 893443.913
Y = 407972.005
ELEV = 931.860

BRIGHTSPEED COM. UNDERGROUND

16TH ST

ALLIANT ENERGY GAS

16TH ST

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

END CONSTRUCTION
STA 9'EW'+53.69
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

188+00

RECONSTRUCTING INLET

END CONSTRUCTION
STA 10'EE'+52.02
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

189

MATCHLINE STA 189+00

5

5

MATCHLINE STA 189+00

END CONSTRUCTION
STA 9'FW'+49.50
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

ALLIANT ENERGY GAS

17TH ST

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

END CONSTRUCTION
STA 9'GW'+56.82
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

ALLIANT ENERGY GAS

CONTROL POINT - 10-INCH SPIKE
X = 893276.018
Y = 408355.575
ELEV = 943.429

18TH ST

VILLAGE OF HAZEL GREEN - WATER

3/4 IN REBAR

BRIGHTSPEED COM. UNDERGROUND

19TH ST

END CONSTRUCTION
STA 9'H'+50.14
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

ADJUSTING MANHOLE COVERS

PROPOSED R/W (TYP.)

1 IN PIPE

CAUTION

190+00

RECONSTRUCTING INLET

191+00

ADJUSTING MANHOLE COVERS

192+00

STH 80

193+00

ADJUSTING MANHOLE COVERS

194+00

RECONSTRUCTING INLET

ADJUSTING MANHOLE COVER

ADJUSTING WATER VALVES

CONTROL POINT - 10-INCH SPIKE
X = 893392.506
Y = 408174.496
ELEV = 937.778

END CONSTRUCTION
STA 10'FE'+53.34
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

17TH ST

VILLAGE OF HAZEL GREEN - SAN

EXISTING R/W

BRIGHTSPEED COM. UNDERGROUND

18TH ST

TLE (TYP.)

SI (TYP.)

END CONSTRUCTION
STA 10'GE'+54.23
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

CONTROL POINT - 10-INCH SPIKE
X = 893309.477
Y = 408574.581
ELEV = 952.375

19TH ST

END CONSTRUCTION
STA 10'H'+61.18
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

MATCHLINE STA 194+80

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 236	E

5

5

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

END CONSTRUCTION
STA 9'IW'+53.06
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

20TH ST

CONTROL POINT -
0.75-INCH REBAR
X = 893157.727
Y = 408781.595
ELEV = 957.618

ALLIANT ENERGY
GAS

BRIGHTSPEED COM.
UNDERGROUND

ADJUSTING WATER VALVE

STH 11

496'J'

ALLIANT ENERGY
GAS

END CONSTRUCTION
STA 9'KW'+41.37
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

21ST ST

BRIGHTSPEED FIBER OPTIC
(NOT MARKED IN FIELD)

CONTROL POINT - 10-INCH SPIKE
X = 893046.703
Y = 409177.677
ELEV = 956.204

BRIGHTSPEED COM.
UNDERGROUND

MATCHLINE STA 194+80

EXIST R/W

CAUTION

6.25" HMA

6.25" HMA

496'J'+39.05 = 197+80.56

ADJUSTING WATER VALVE

195+00

196+00

197+00

198+00

199+00

200+00

ADJUSTING WATER VAL

STH 80

ADJUSTING MANHOLE COVERS

END PROJECT 5330-02-73
BEGIN PROJECT 1706-06-71

ADJUSTING MANHOLE COVERS

ADJUSTING MANHOLE COVERS

RECONSTRUCTING INLET

STH 11/80

CONTROL POINT - 10-INCH SPIKE
X = 893190.856
Y = 408919.462
ELEV = 960.426

CTH W

END CONSTRUCTION
STA 10'JE'+95.84
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

VILLAGE OF HAZEL
GREEN - WATER

ADJUSTING MANHOLE
COVERS

END CONSTRUCTION
STA 10'KE'+59.87
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

MATCHLINE STA 200+60

END CONSTRUCTION
STA 10'IE'+58.85
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

20TH ST

PROPOSED R/W (TYP.)

VILLAGE OF HAZEL
GREEN - SAN

BRIGHTSPEED COM.
UNDERGROUND

21ST ST

UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON
SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

END CONSTRUCTION
STA 9'LW'+45.79
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

22ND ST

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

EXIST R/W

BRIGHTSPEED FIBER OPTIC
(NOT MARKED IN FIELD)

ADJUSTING
WATER VALVE

ALLIANT ENERGY
GAS

ADJUSTING WATER VALVE

VILLAGE OF HAZEL
GREEN - WATER

ALLIANT ENERGY
GAS

CAUTION

MATCHLINE STA 200+60

RECONSTRUCTING INLET

RECONSTRUCTING INLET

RECONSTRUCTING INLET

201+00

202+00

203+00

204+00

205+00

206+00

ADJUSTING MANHOLE COVERS

STH 11/80

ADJUSTING MANHOLE COVERS

STA BACK = 202+94.14

STA AHEAD = 202+97.37

SI (TYP.)

TLE (TYP.)

VILLAGE OF HAZEL
GREEN - SAN

ADJUSTING
WATER VALVE

22ND ST

END CONSTRUCTION
STA 10'LE'+53.83
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

CONTROL POINT - 0.75-INCH REBAR
X = 893078.258
Y = 409488.901
ELEV = 951.559

BRIGHTSPEED COM.
UNDERGROUND

23RD ST

END CONSTRUCTION
STA 10'M'+51.88
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

MATCHLINE STA 206+40

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 237	E

UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

MATCHLINE STA 206+40

VILLAGE OF HAZEL GREEN - WATER

RECONSTRUCTING INLET

MEDIACOM WISCONSIN - COMM

BRIGHTSPEED FIBER OPTIC (NOT MARKED IN FIELD)

EXISTING R/W

ALLIANT ENERGY GAS

207+00

208+00

209+00

210+00

211+00

212+00

RECONSTRUCTING INLETS

CAUTION

RECONSTRUCTING INLET

ADJUSTING MANHOLE COVERS

STH 11/80

ADJUSTING WATER VALVE

END CONSTRUCTION
STA 10'MA'+61.96
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

N MAIN ST

VILLAGE OF HAZEL GREEN - SAN

VILLAGE OF HAZEL GREEN - WATER

BRIGHTSPEED COM. UNDERGROUND

VILLAGE OF HAZEL GREEN - ELEC
MEDIACOM WISCONSIN - COMM

SECTION CORNER - FOUND BRASS CAPPED MONUMENT
X = 893106.005
Y = 410260.806

MATCHLINE STA 212+20

ALLIANT ENERGY GAS

26TH ST

VILLAGE OF HAZEL GREEN - SAN

END CONSTRUCTION
STA 9'NW'+36.06
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

BRIGHTSPEED FIBER OPTICS (NOT MARKED IN FIELD)

END CONSTRUCTION
STA 9'0W'+53.82
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

27TH ST

CONTROL POINT - 0.75-INCH REBAR
X = 892904.214
Y = 410768.264
ELEV = 961.224

RECONSTRUCTING INLET

PROPOSED R/W (TYP.)

BRIGHTSPEED COM. UNDERGROUND (NOT MARKED IN FIELD)

ADJUSTING WATER VALVE

EXIST R/W

CAUTION

ADJUSTING WATER VALVE

213+00

214+00

215+00

216+00

217+00

218+00

RECONSTRUCTING INLET

ADJUSTING MANHOLE COVERS

STH 11/80

ADJUSTING MANHOLE COVERS

BRIGHTSPEED COM. UNDERGROUND

CONTROL POINT - 10-INCH SPIKE
X = 893049.078
Y = 410503.875
ELEV = 965.909

26TH ST

END CONSTRUCTION
STA 10'NE'+44.87
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

VILLAGE OF HAZEL GREEN - WATER

SI (TYP.)

TLE (TYP.)

27TH ST

END CONSTRUCTION
STA 10'OE'+48.93
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

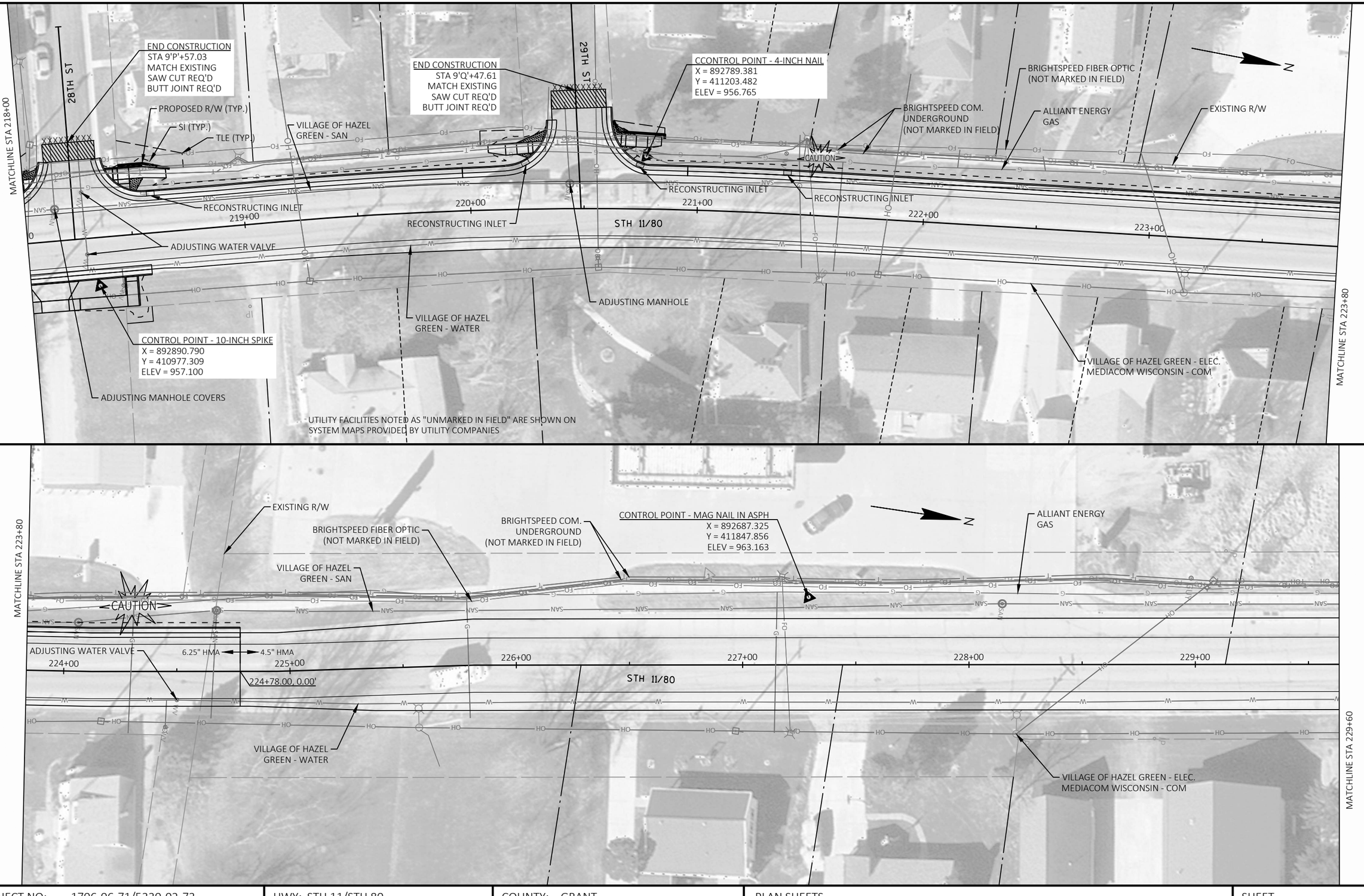
MATCHLINE STA 218+00

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 238	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050107-pn

PLOT DATE : 11/1/2024 10:38 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 239	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050108-pn

PLOT DATE : 11/1/2024 10:39 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

MATCHLINE STA 229+60

5

CONTROL POINT -
MAG NAIL IN ASPH
X = 892581.341
Y = 412535.470
ELEV = 971.539

BRIGHTSPEED FIBER OPTIC
(NOT MARKED IN FIELD)

ALLIANT ENERGY
GAS

BRIGHTSPEED COM.
UNDERGROUND

VILLAGE OF HAZEL
GREEN - SAN

CAUTION

230+00 231+00 232+00 233+00 234+00 235+00

STH 11/80

VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

CURWEN LN

VILLAGE OF HAZEL
GREEN - WATER

CURWEN DR

EXISTING R/W

UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON
SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

MATCHLINE STA 235+40

5

MATCHLINE STA 235+40

CUBA CITY TELEPHONE
EXCHANGE COMPANY

EXISTING R/W

TLE (TYP.)

SI (TYP.)

ALLIANT ENERGY
GAS

VILLAGE OF HAZEL
GREEN - SAN

BRIGHTSPEED FIBER OPTIC
(NOT MARKED IN FIELD)

MEDIACOM WISCONSIN
COMM

CAUTION

ADJUST WATER VALVES

236+00 237+00 238+00 239+00 240+00 241+00

STH 11/80

VILLAGE OF HAZEL
GREEN - WATER

BRIGHTSPEED FIBER ENDS HERE
PER WORKPLAN RESPONES

PROPOSED R/W (TYP.)

CONTROL POINT - MAG NAIL IN ASPH
X = 892600.046
Y = 412895.607
ELEV = 978.255

FREIBURGER LN

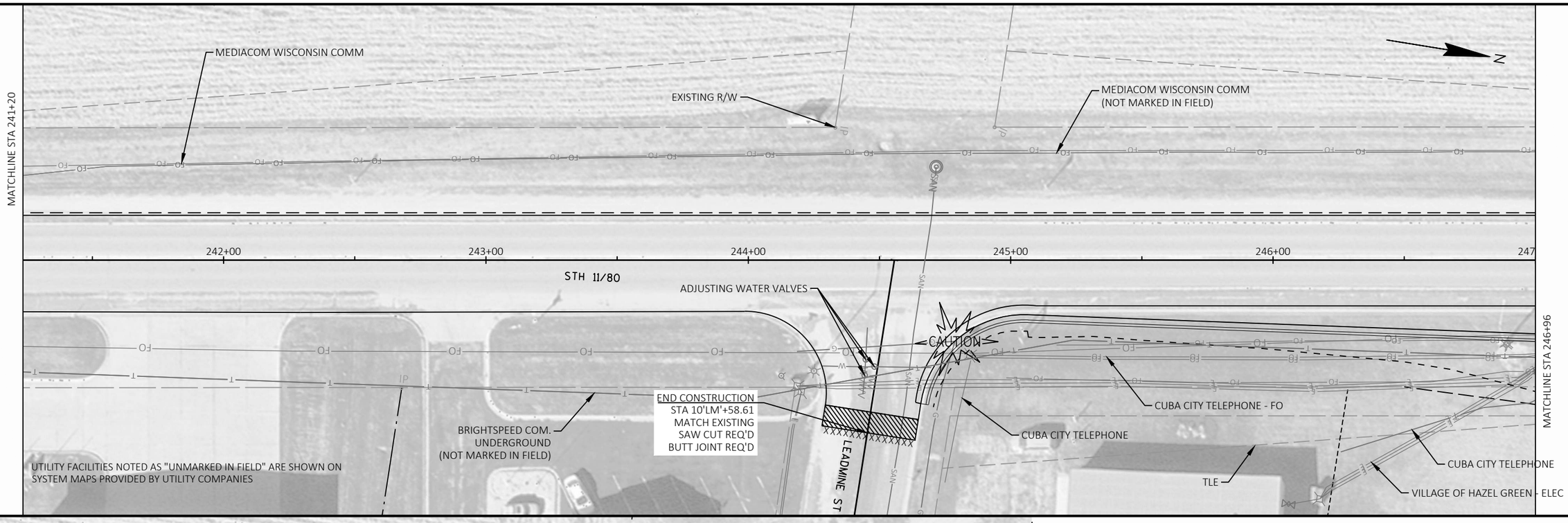
END CONSTRUCTION
STA 10'FR'+48.63
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D

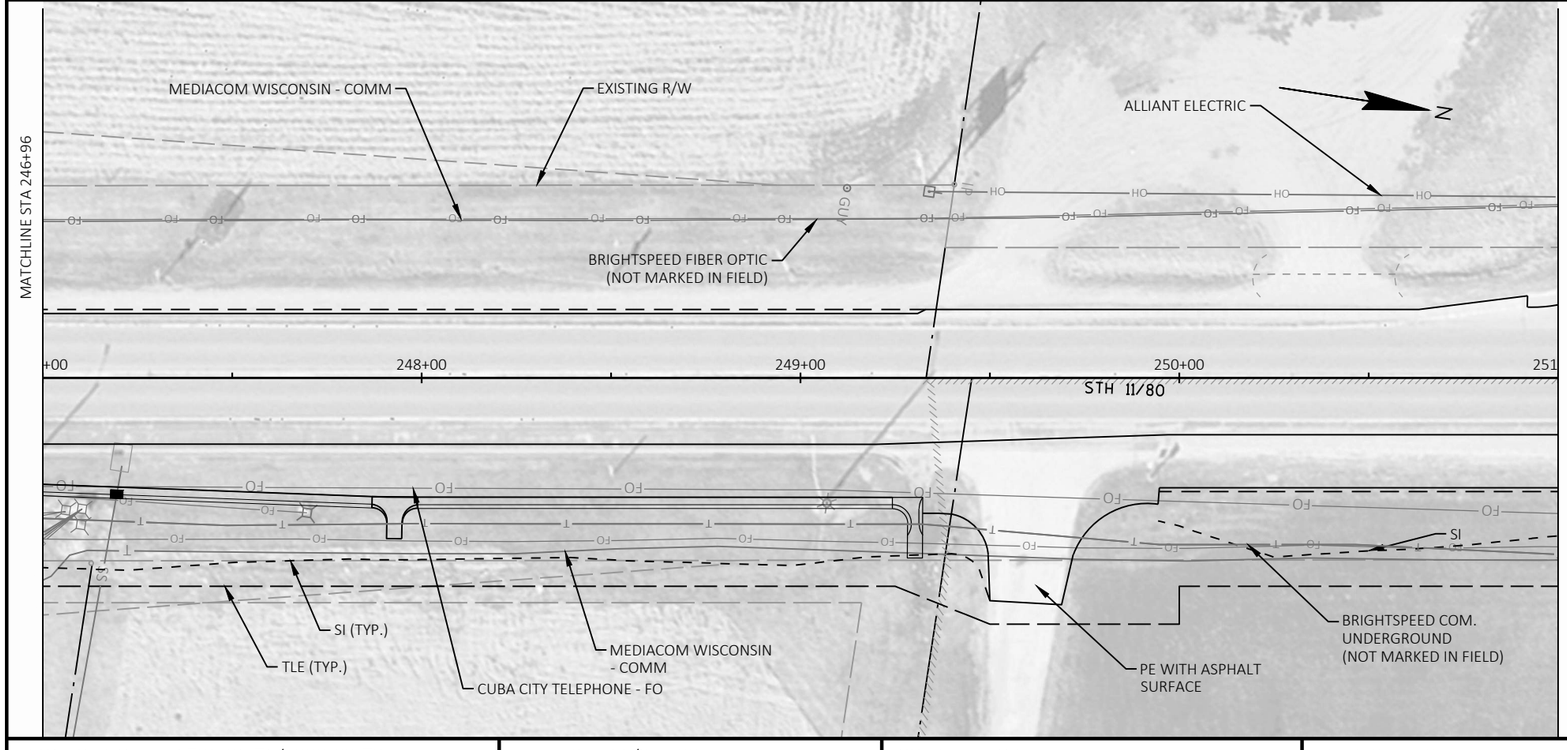
VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM

MATCHLINE STA 241+20

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 240	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050109-pn
PLOT DATE : 11/1/2024 10:39 AM
PLOT BY : MIKE LISKA
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

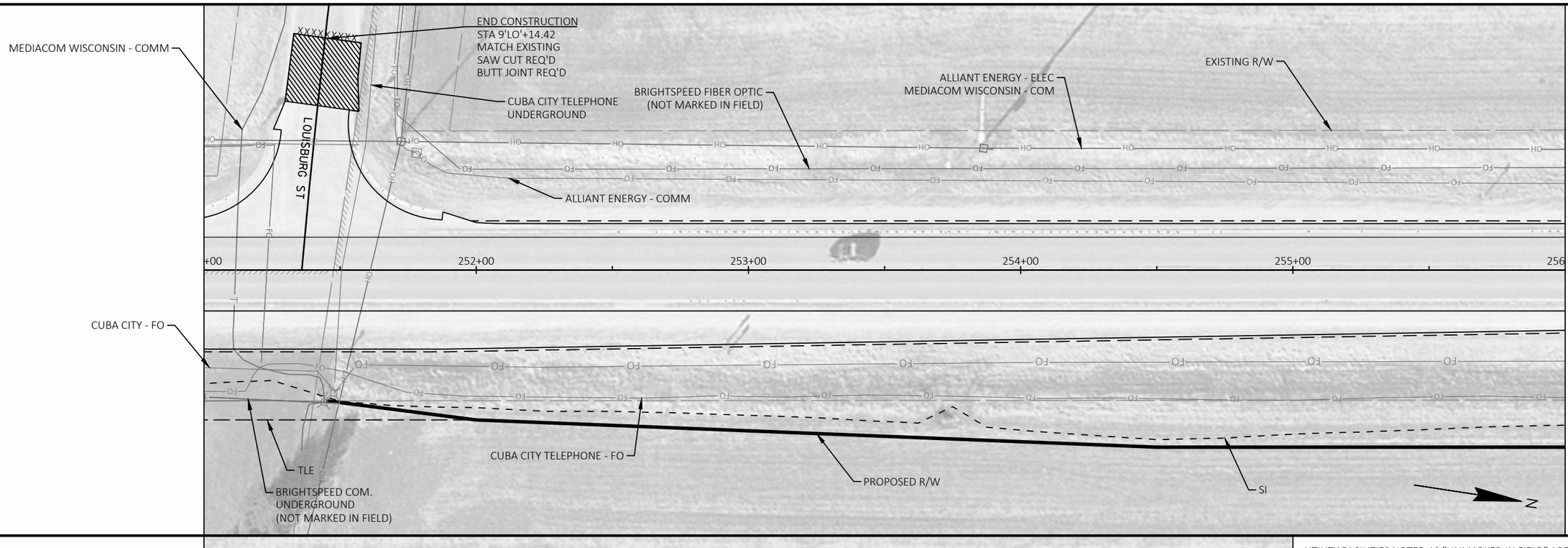


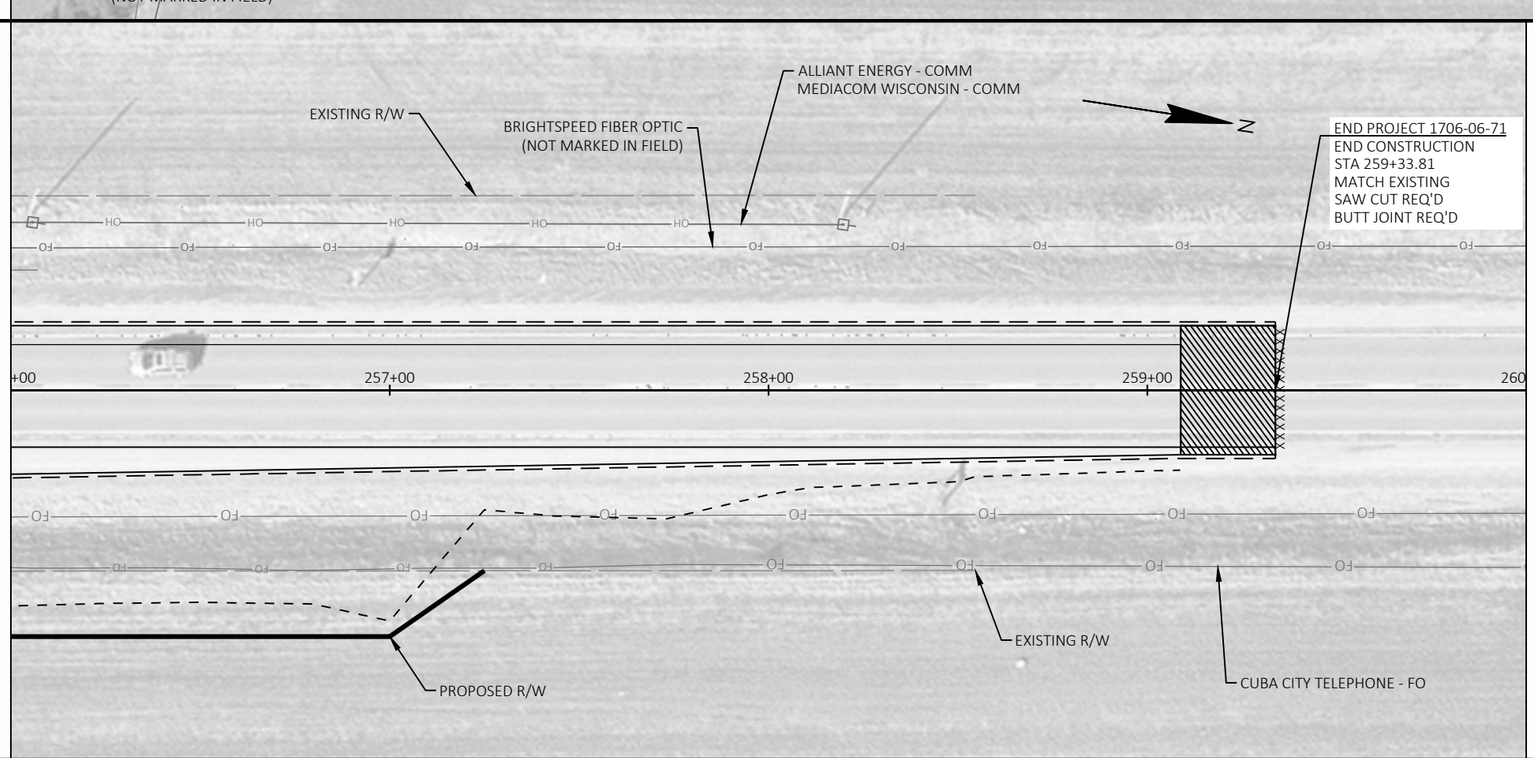


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 241	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050110-pn

PLOT DATE : 11/1/2024 10:39 AM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:40 FT





UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 242	E

CONTROL POINT - FENO MONUMENT WITH WISDOT CAP
X = 890696.909
Y = 409078.360
ELEV = 916.841

PROJECT BENCHMARK - HYDRANT TOP NUT
X = 890767.834
Y = 409056.699
ELEV = 922.902

N

BEGIN PROJECT 1706-06-71
BEGIN CONSTRUCTION
STA 471'J'+52.05
MATCH EXISTING
SAW CUT REQ'D

472'J'
474'J'
476'J'
478'J'
480'J'
482'J'
484'J'
STH 11

BRIGHTSPEED COM.
UNDERGROUND
(NOT MARKED IN FIELD)

UTILITY FACILITIES NOTED AS "UNMARKED IN FIELD" ARE SHOWN ON SYSTEM MAPS PROVIDED BY UTILITY COMPANIES

VILLAGE OF HAZEL GREEN - WATER
CONTROL POINT - 0.75-INCH REBAR
X = 891945.637
Y = 408851.241
ELEV = 945.627
EXISTING R/W
ADJUSTING MANHOLE COVERS
ALLIANT ENERGY GAS
ADJUSTING WATER VALVE
OAK ST
END CONSTRUCTION
STA 10'ON'+65.86
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D
CAUTION
VILLAGE OF HAZEL GREEN - ELEC.
END CONSTRUCTION
STA 9'OS'+42.84
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D
VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COMM
VILLAGE OF HAZEL GREEN - SAN
MATCHLINE STA 0+00

MATCHLINE STA 0+00
MEDIACOM WISONSIN COM
EXISTING R/W
ALLIANT ENERGY GAS
VILLAGE OF HAZEL GREEN - WATER
ADJUSTING MANHOLE COVERS
ADJUSTING WATER VALVES
486'J'
488'J'
490'J'
492'J'
494'J'
496'J'
STH 11
CAUTION
ELM ST
WILDCAT LN
END CONSTRUCTION
STA 9'EM'+49.28
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D
EXISTING R/W
VILLAGE OF HAZEL GREEN - SAN
ADJUSTING MANHOLE COVERS
VILLAGE OF HAZEL GREEN - ELEC
MEDIACOM WISCONSIN - COM
CONTROL POINT - 0.75-INCH REBAR
X = 892796.671
Y = 408957.072
ELEV = 951.167
SI (TYP.)
TLE (TYP.)
PROPOSED R/W (TYP.)
PINE ST
END CONSTRUCTION
STA 4'IW'+92.85
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D
21ST ST
CONTROL POINT - 10-INCH SPIKE
X = 893046.703
Y = 409177.677
ELEV = 956.204
STH 80
VILLAGE OF HAZEL GREEN - SAN
END CONSTRUCTION
STA 10'CW'+97.80
MATCH EXISTING
SAW CUT REQ'D
BUTT JOINT REQ'D
12+00JE
CTH W
STA 197+80.56 = STA 496'J'+39.05
VILLAGE OF HAZEL GREEN - ELEC.
MEDIACOM WISCONSIN - COM
CONTROL POINT - 0.75-INCH REBAR
X = 893157.727
Y = 408781.595
ELEV = 957.618
20TH ST
8'IW'
6'IW'
5330-02-73

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	PLAN SHEETS	SHEET 243 E

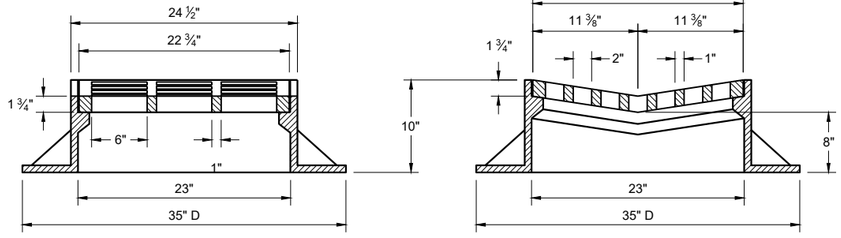
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LAYOUT NAME - 050112-pn
PLOT DATE : 11/1/2024 10:40 AM
PLOT BY : MIKE LISKA
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

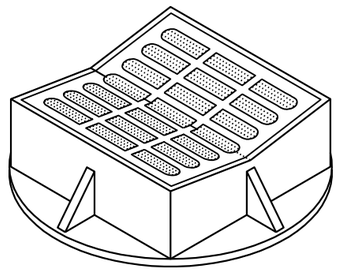
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

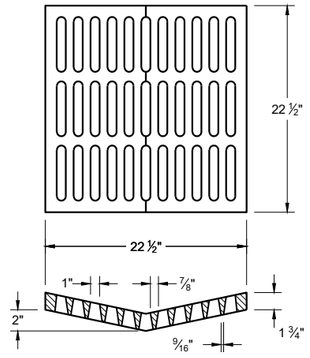
08A05-21B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D19-04	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F07-05	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS
09B02-10	CONDUIT
09B16-02	PULL BOX NON-CONDUCTIVE
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C14-03	CONCRETE CONTROL CABINET BASE, TYPE L
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D04-03	LIGHTING CONTROL CABINET 120/240 VOLT
09E01-15D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09E01-15G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E03-06	NON-FREEWAY LIGHTING UNIT POLE WIRING
13A10-03A	SHOULDER RUMBLE STRIPS - ASPHALT
13A10-03G	SHOULDER AND EDGE LINE RUMBLE STRIPS - CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS
13A11-04A	CENTERLINE RUMBLE STRIPS - ASPHALT
13A11-04D	CENTERLINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAILROADS
13C19-03	HMA LONGITUDINAL JOINTS
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10B	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
15C18-08A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C19-09A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-09A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING

6





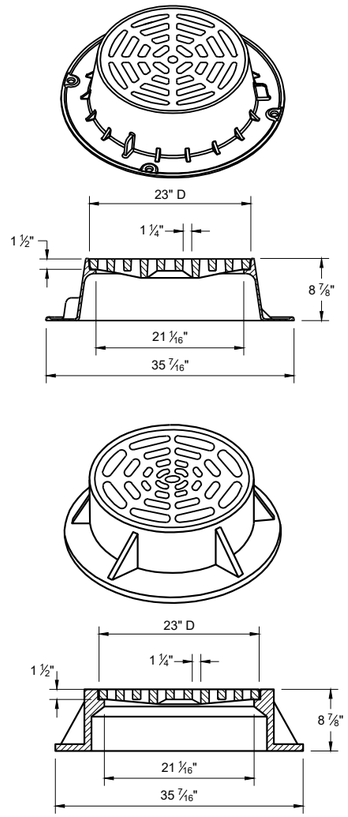
TYPE "B"



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"

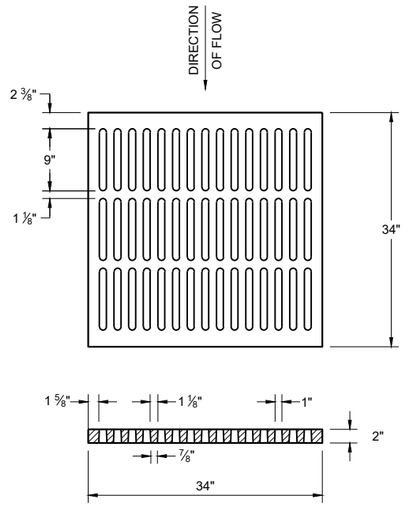
NOTE: EITHER CASTING IS ACCEPTABLE

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.

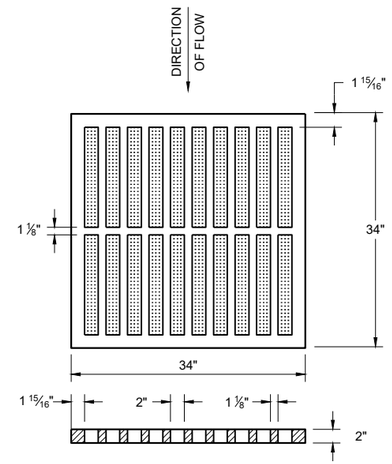
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

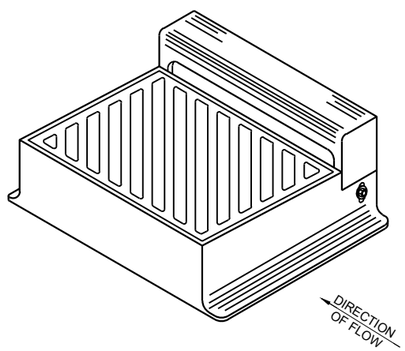
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



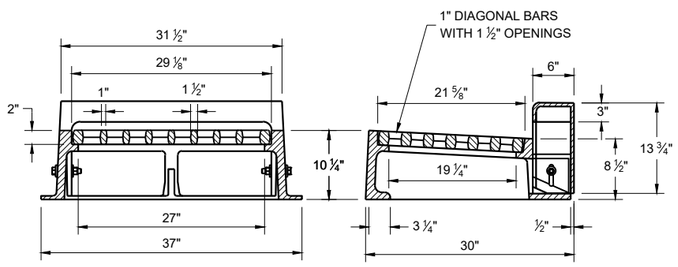
TYPE "MS"

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"

INLET COVERS TYPES B, B-A, C, MS, MS-A AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

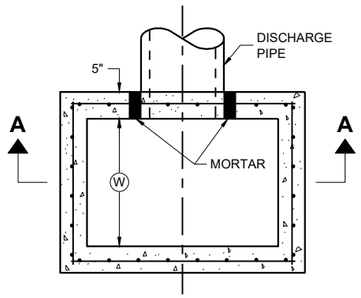
APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

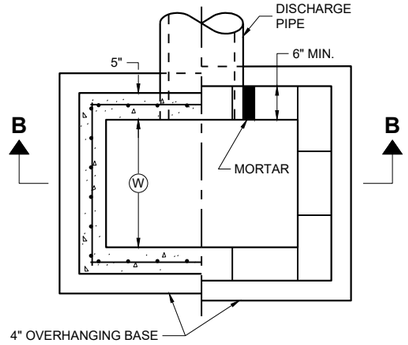
6

SDD 08A05-21b

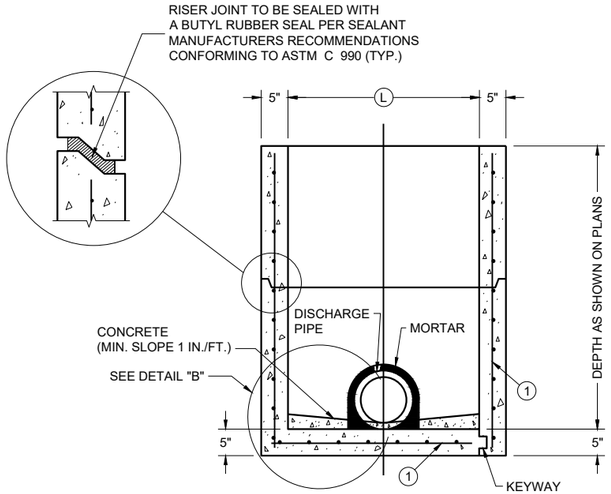
SDD 08A05-21b



PLAN VIEW



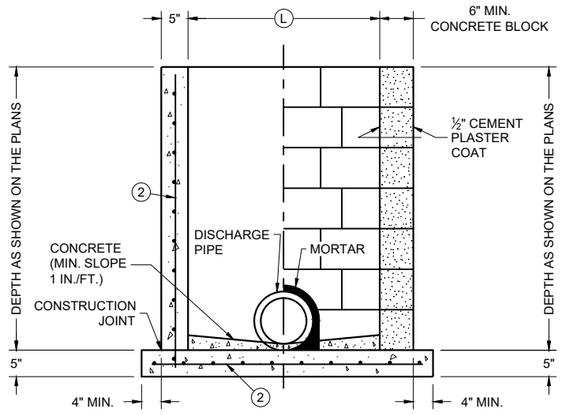
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

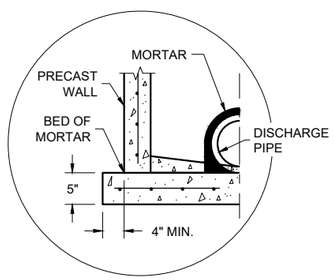
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

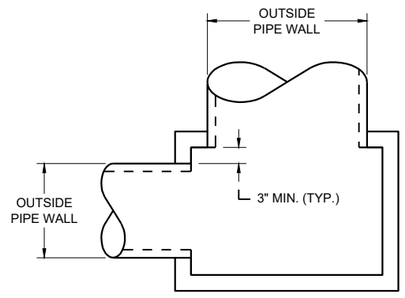
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

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

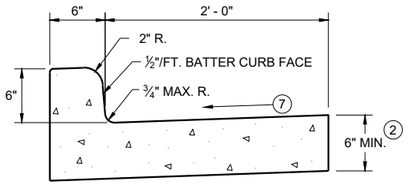
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

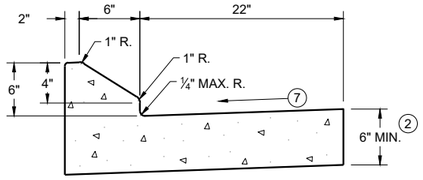
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA

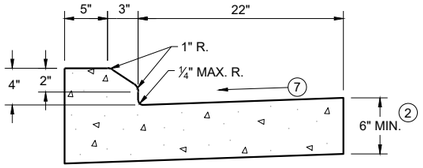
6
SDD 08C07-03



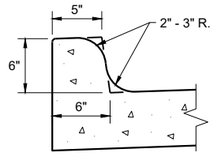
TYPES A (1) & D



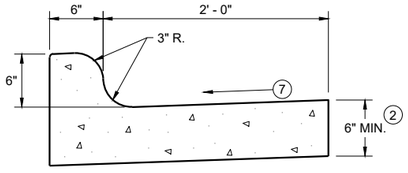
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

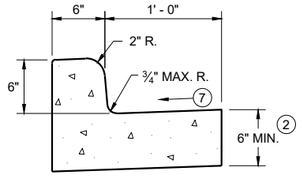


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



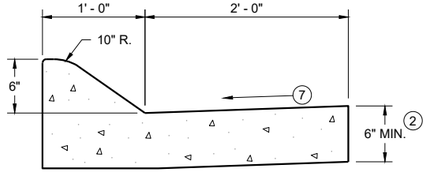
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

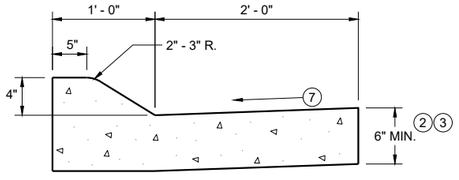


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

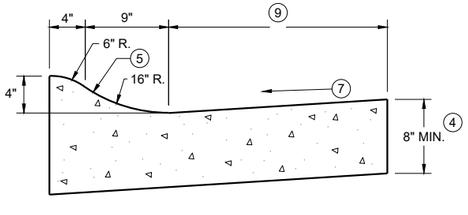


6" SLOPED CURB TYPES A (1) & D



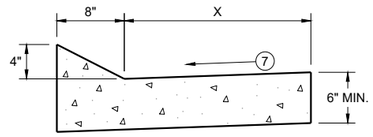
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

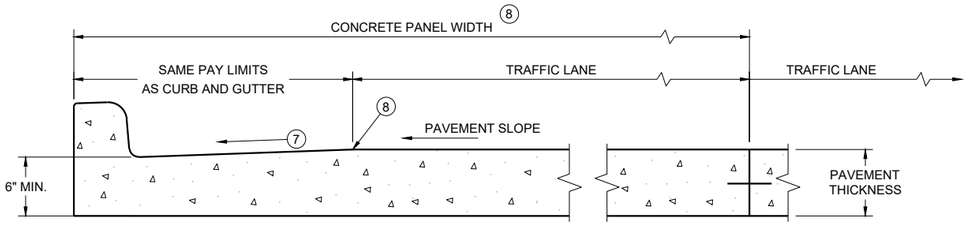


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

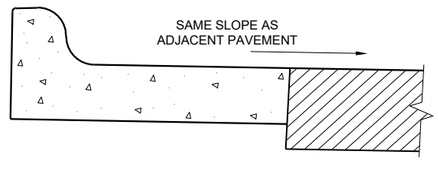
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

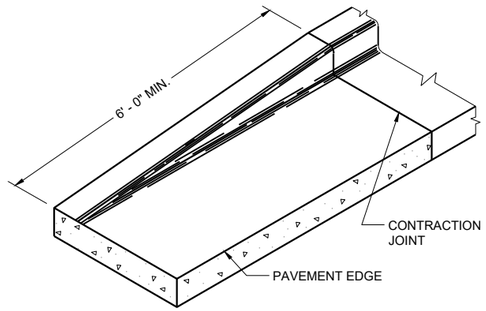
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

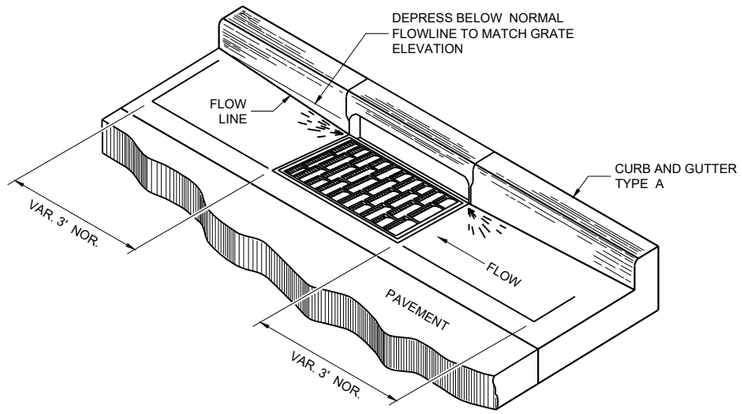
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a



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.

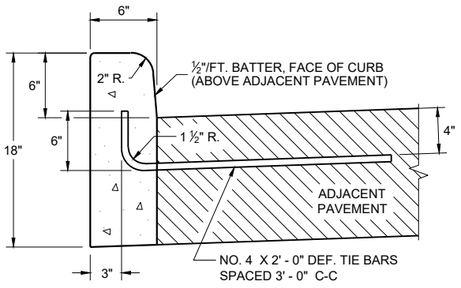
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

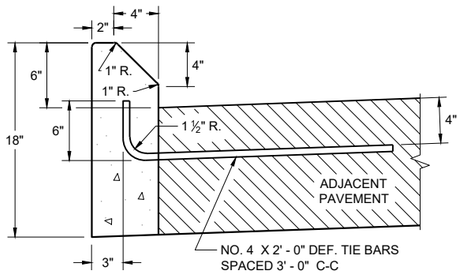
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(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.

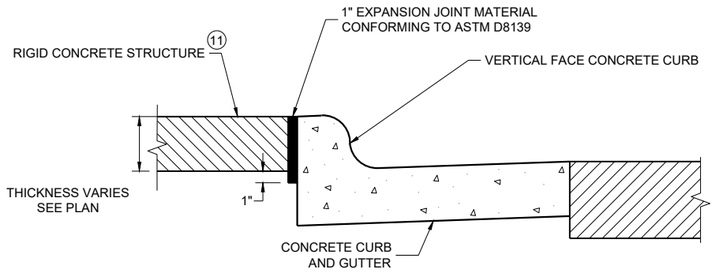


TYPES A (1) & D

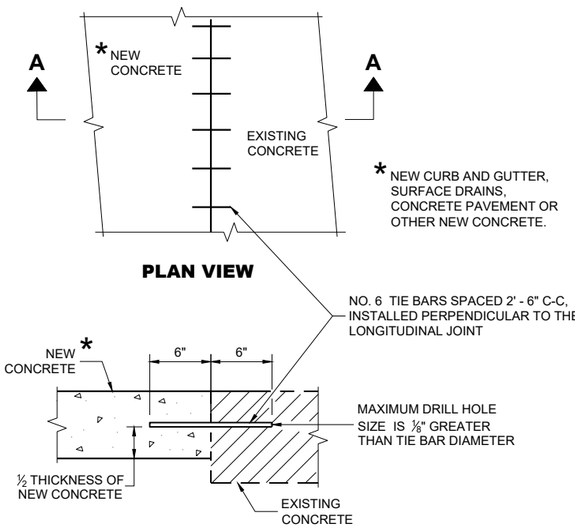


TYPES G (1) & J

CONCRETE CURB



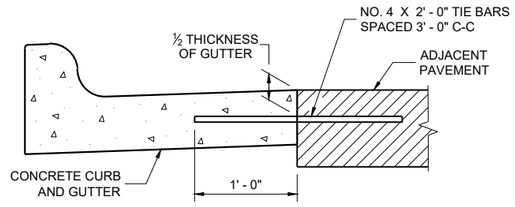
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



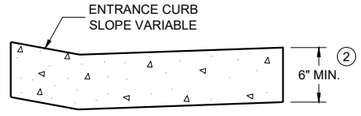
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

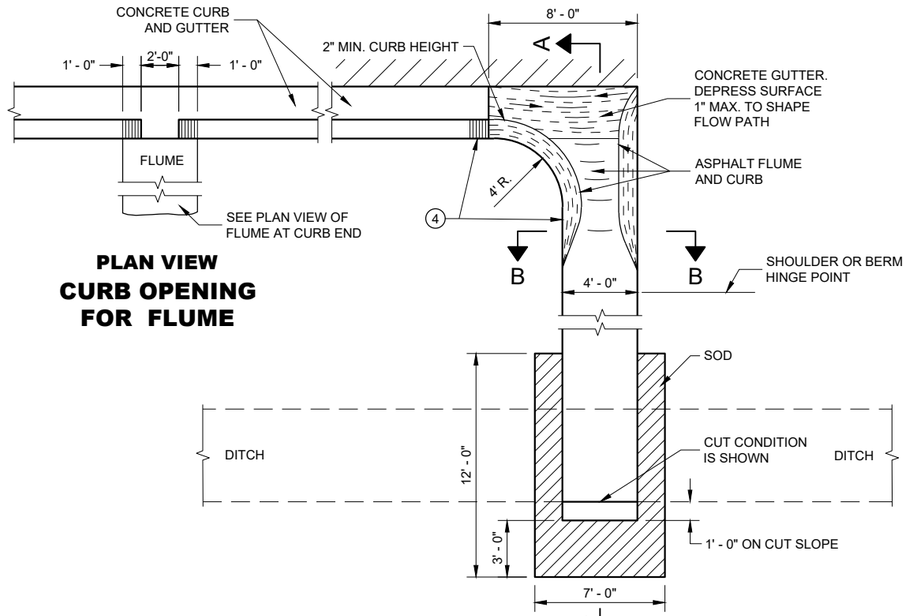
APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 08D01-23b

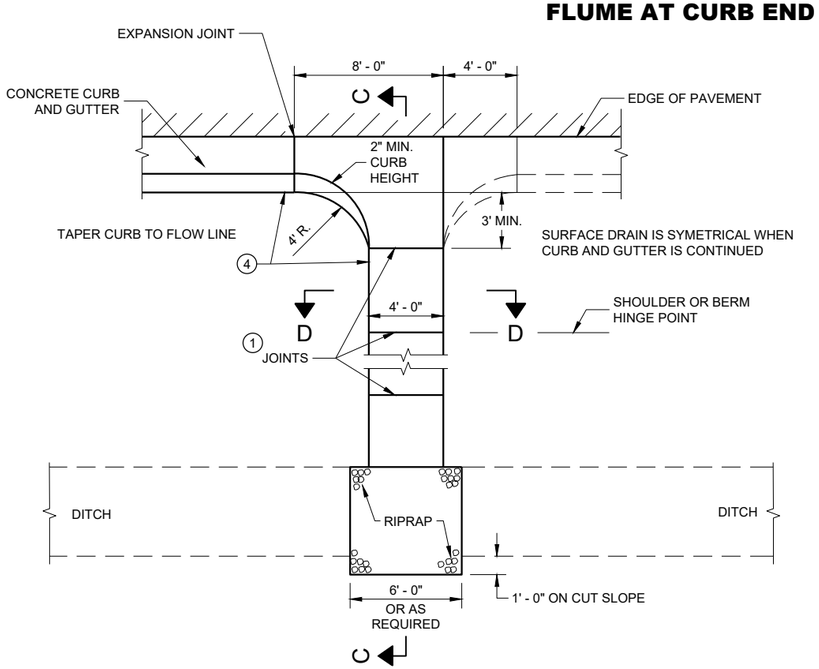
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



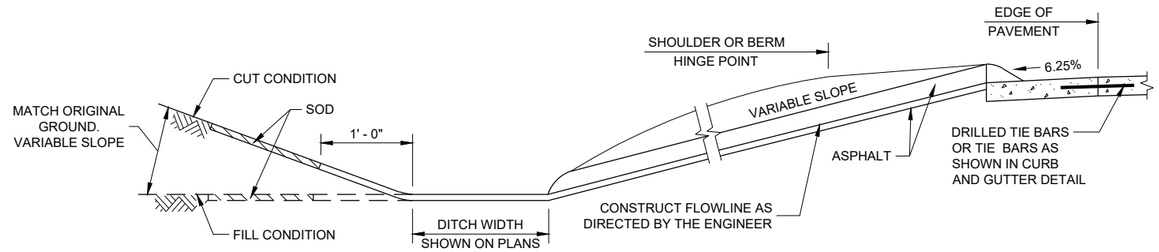
PLAN VIEW
CONCRETE SURFACE DRAIN

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.

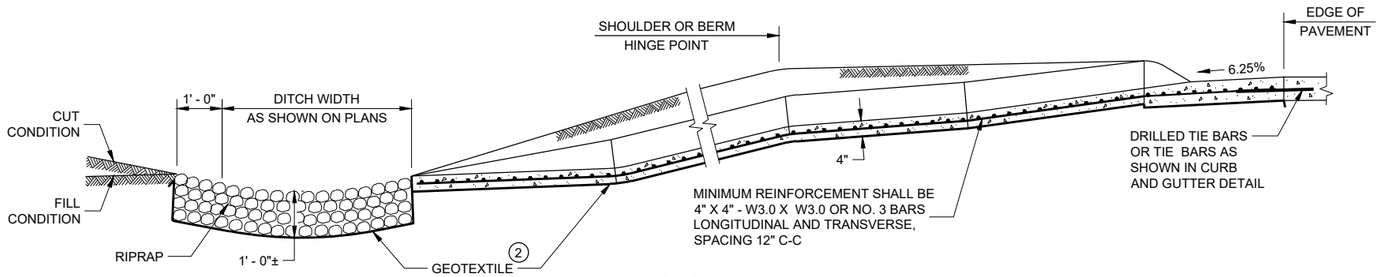
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

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.

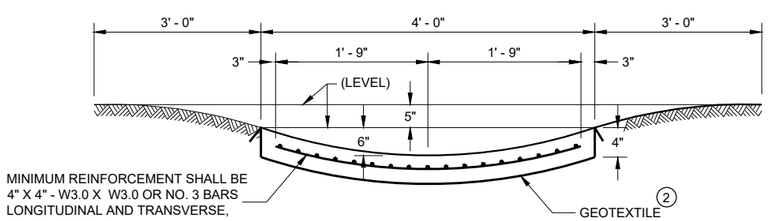


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

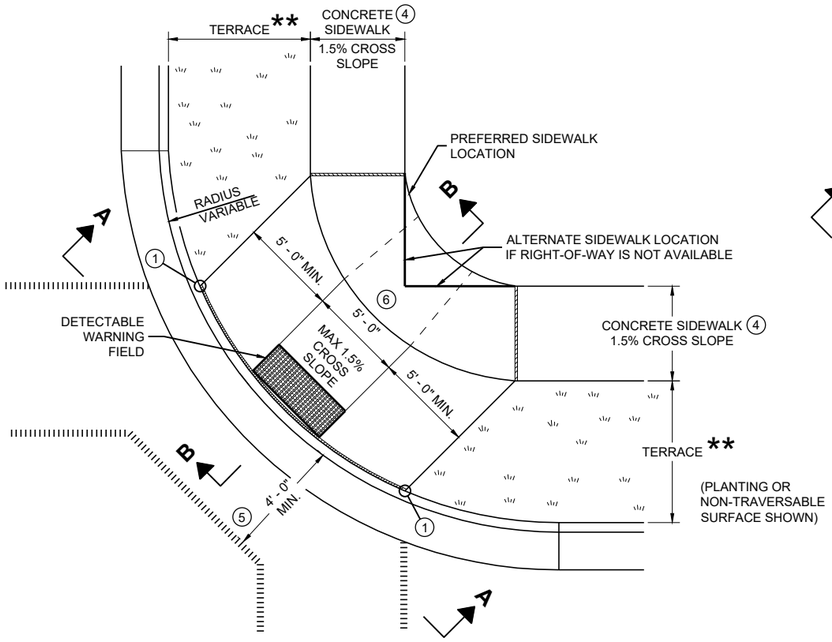
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

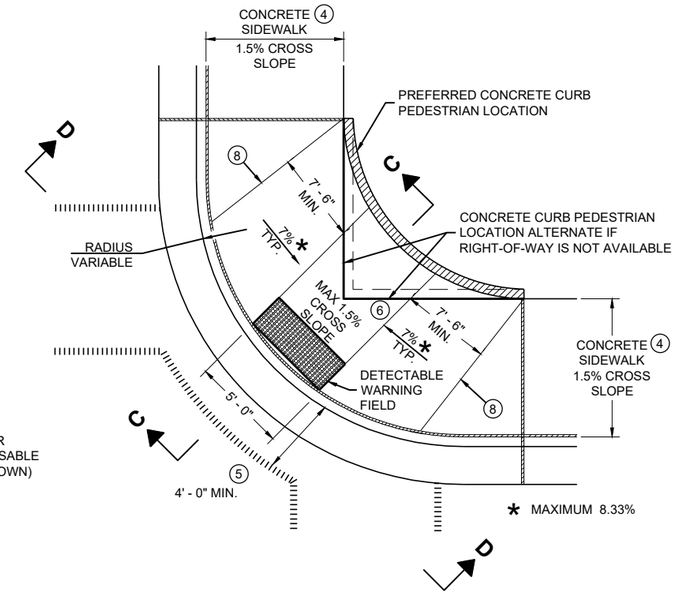
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SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

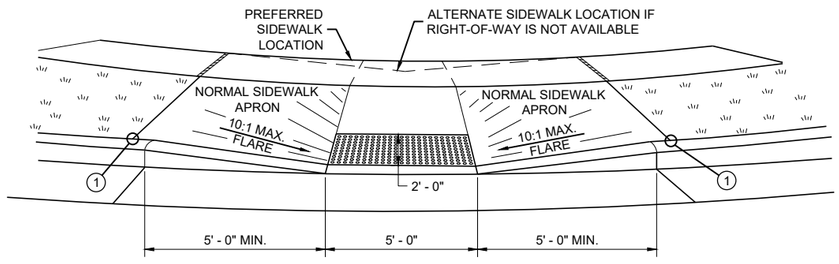
(CENTER OF CORNER RADIUS)



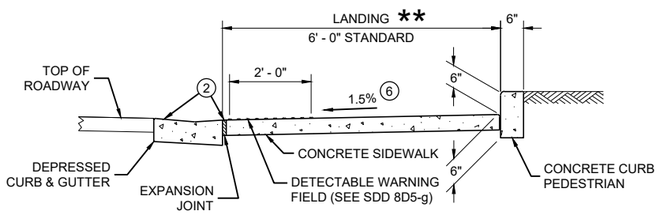
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

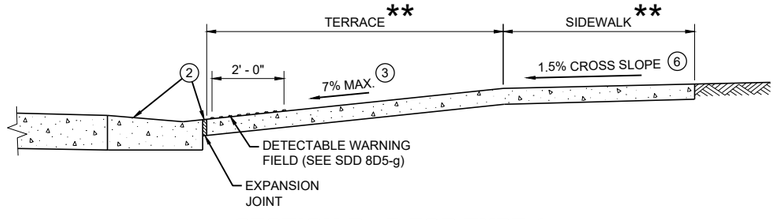


VIEW A - A FOR TYPE 1

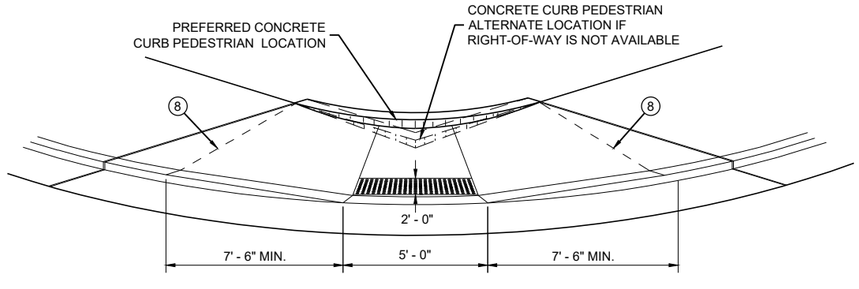


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



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 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 RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF 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 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

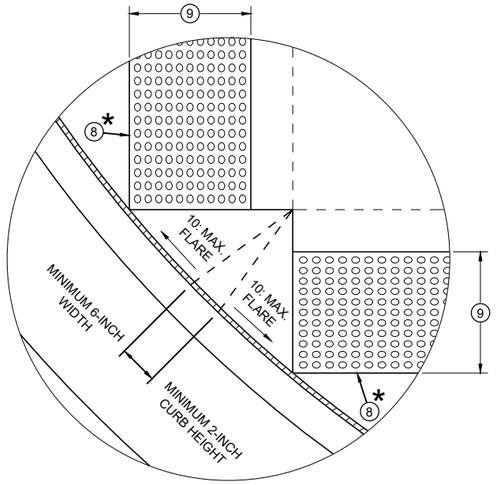
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

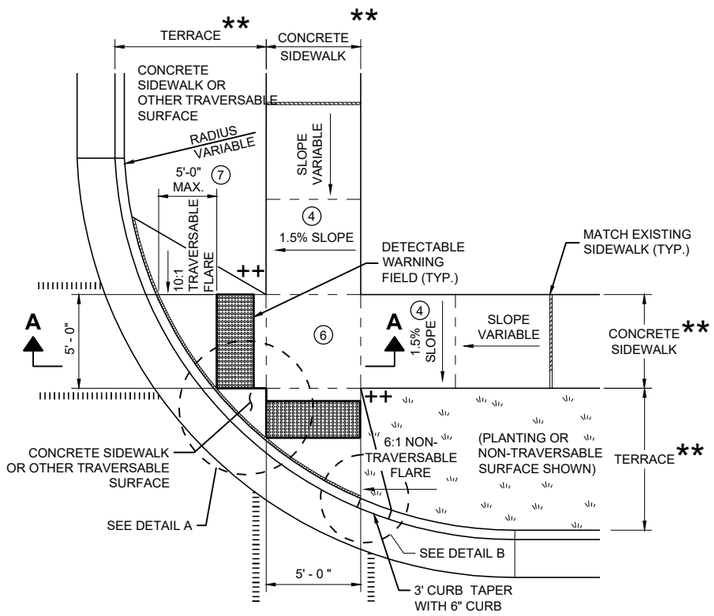
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

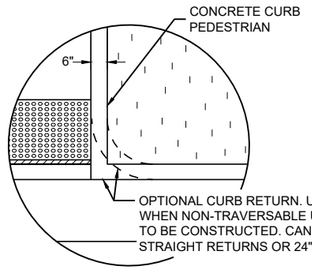
6
SDD 08D05-21a



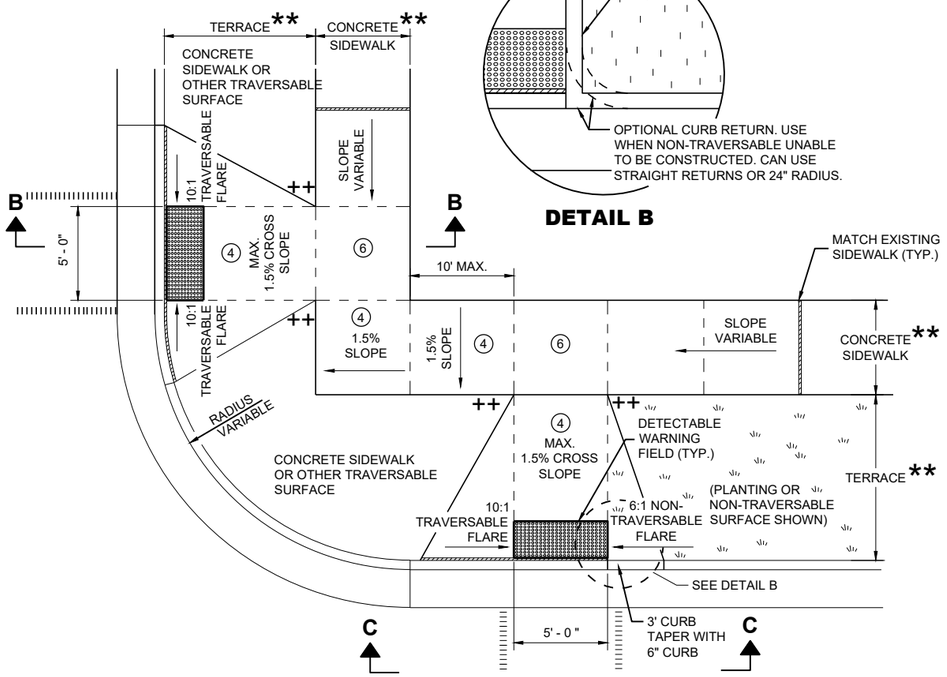
DETAIL A



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 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

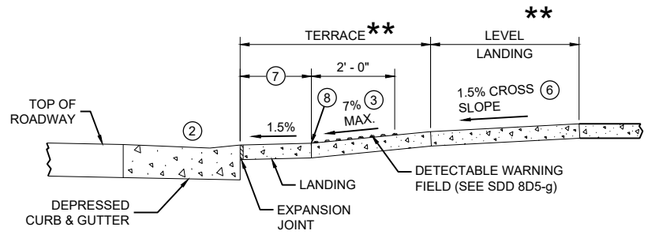
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(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% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

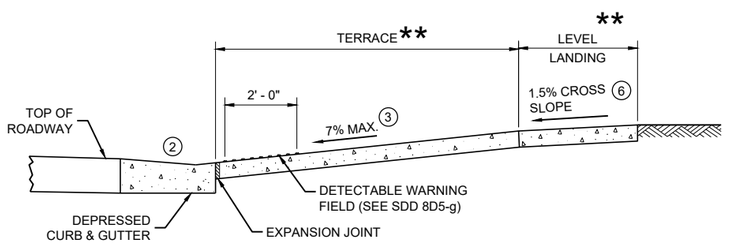


SECTION A - A FOR TYPE 2

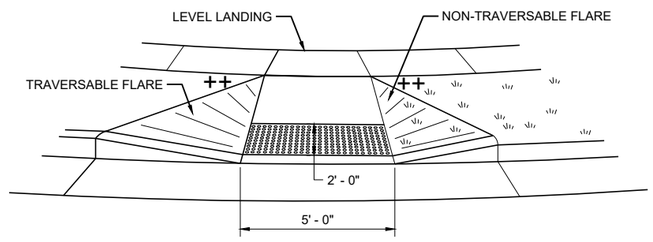
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



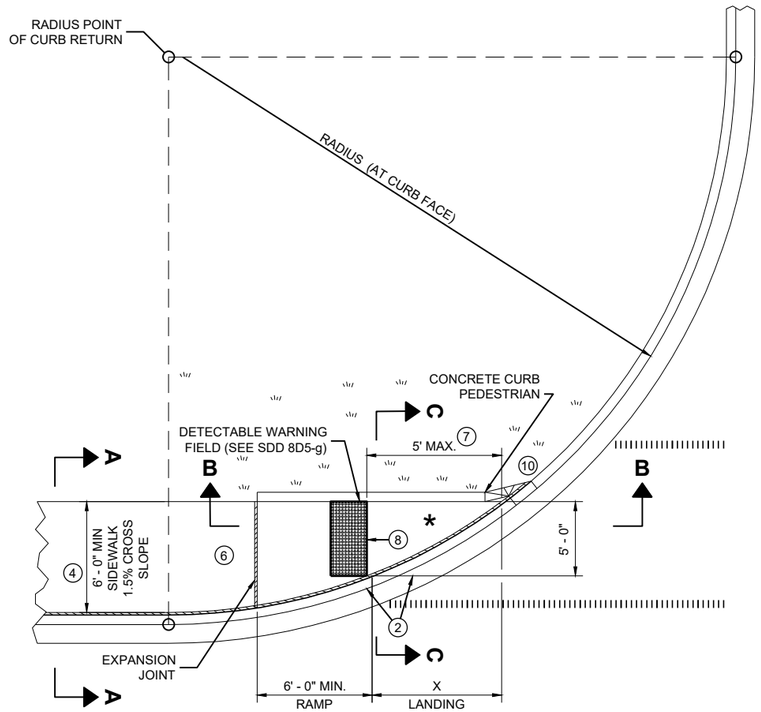
VIEW C - C FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

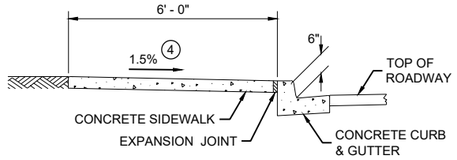


PLAN VIEW

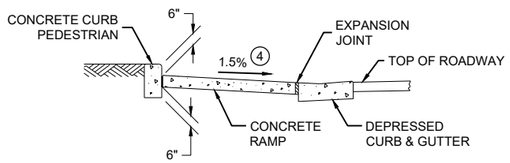
CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

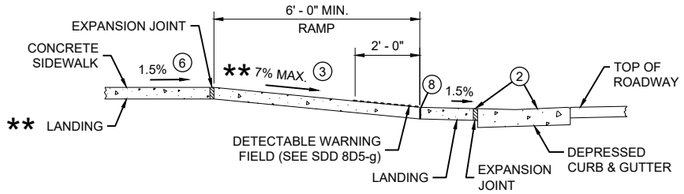
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A



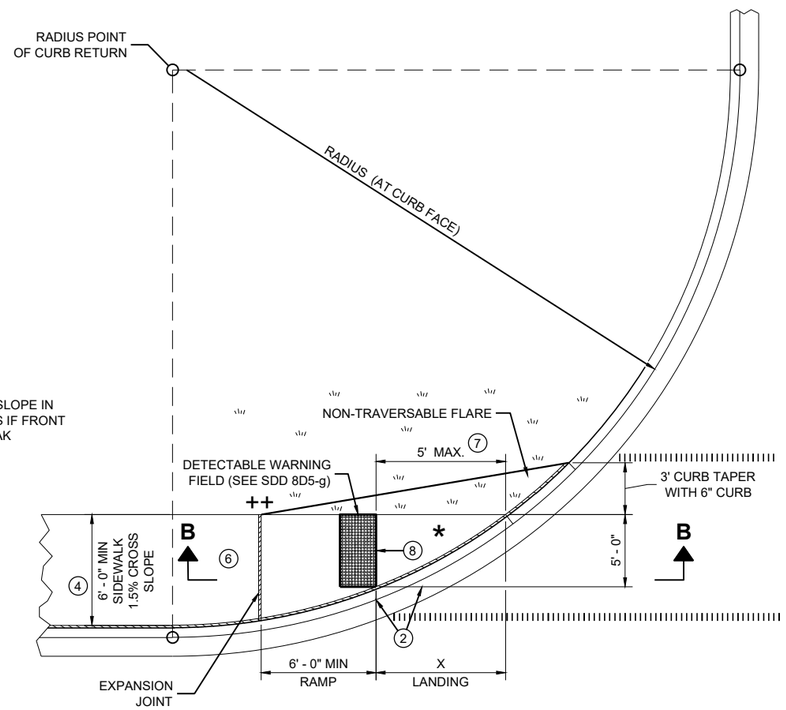
SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

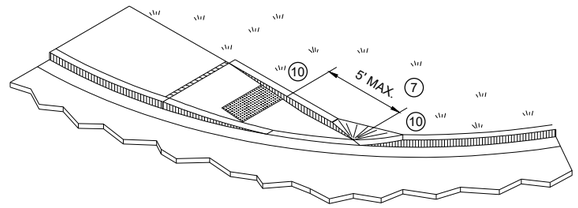
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK



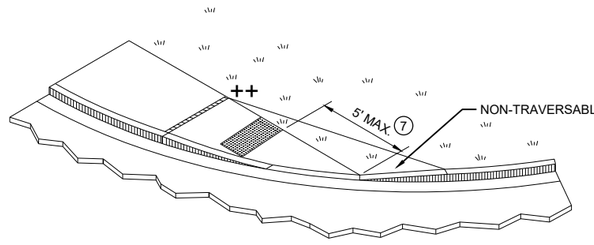
PLAN VIEW

CURB RAMP TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(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.

LEGEND

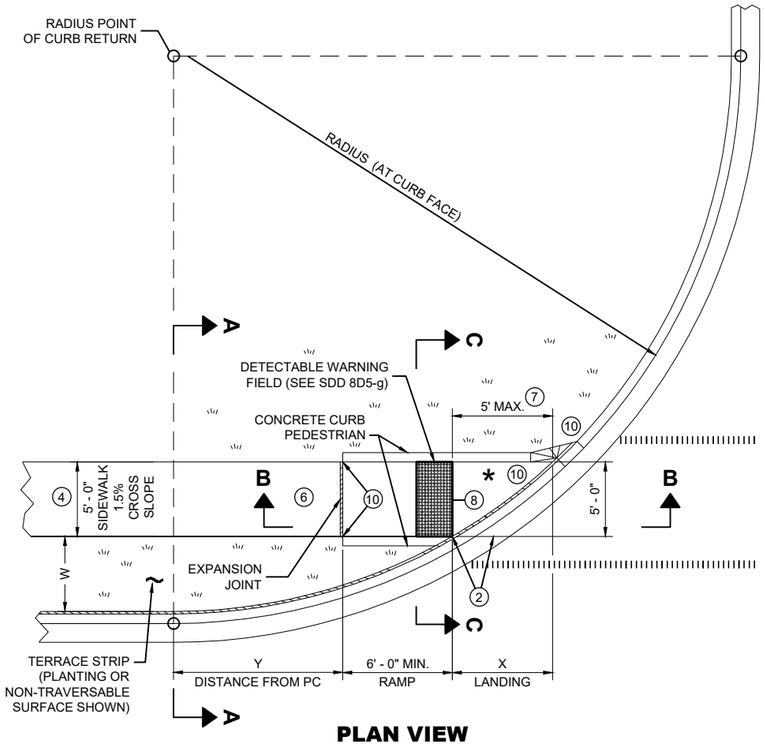
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPE 4A AND 4A1

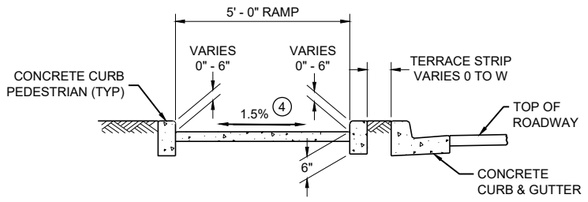
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



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 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

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)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

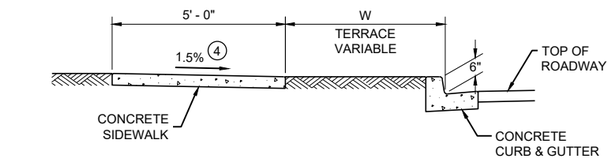
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

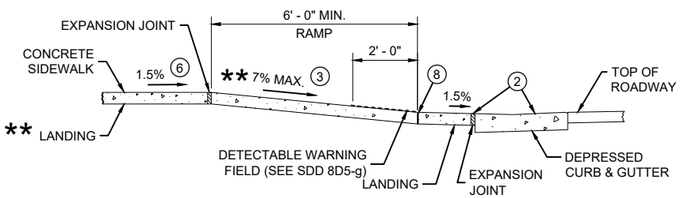
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

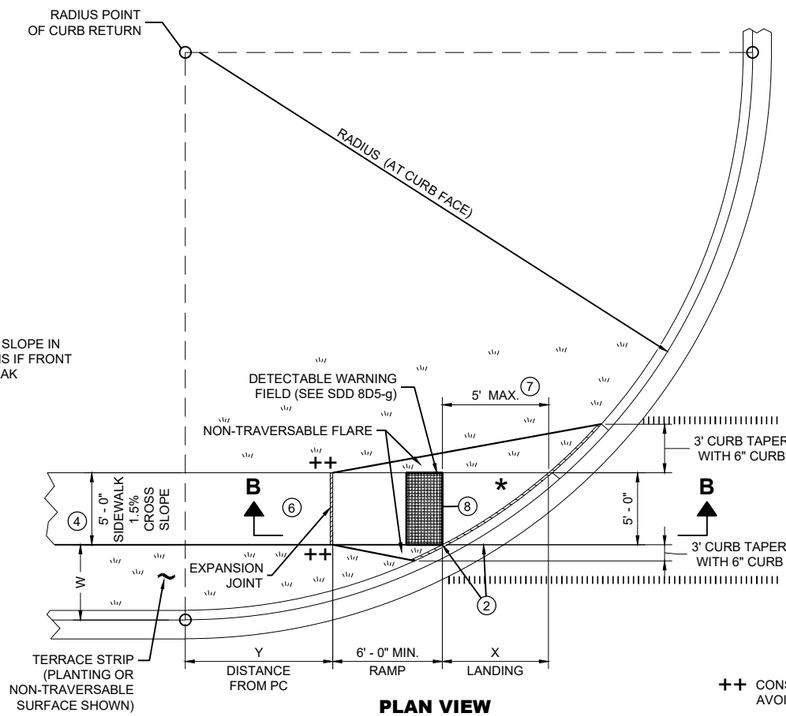


SECTION A - A FOR TYPE 4B



SECTION B - B FOR TYPE 4B AND TYPE 4B1

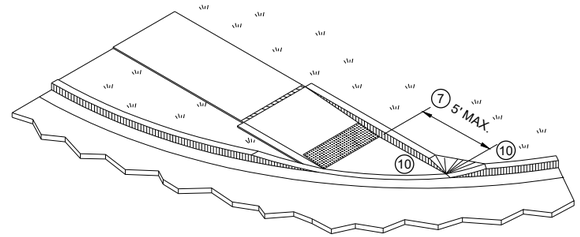
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



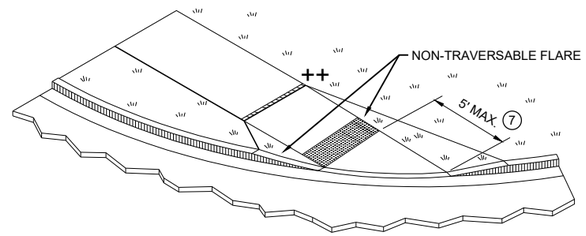
PLAN VIEW
CURB RAMP TYPE 4B1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



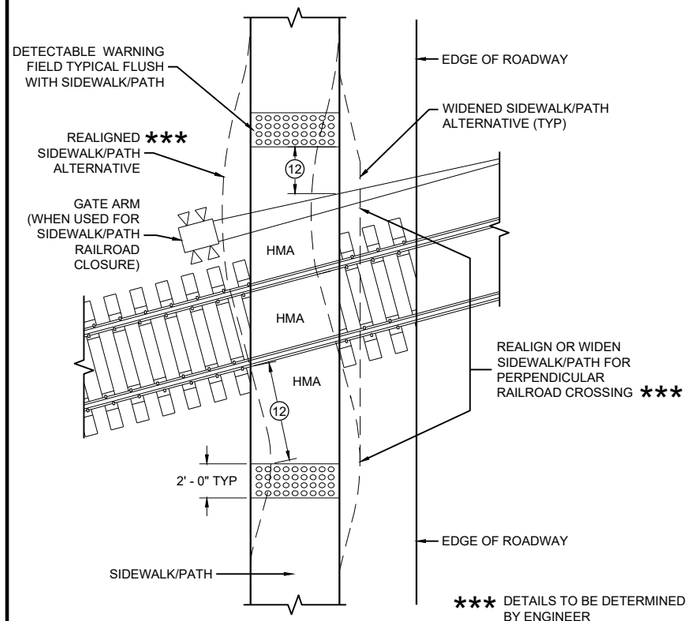
ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

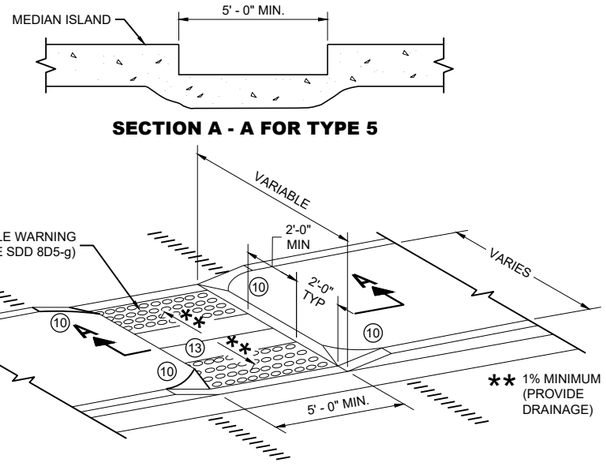
CURB RAMPS
TYPE 4B AND 4B1

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 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%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

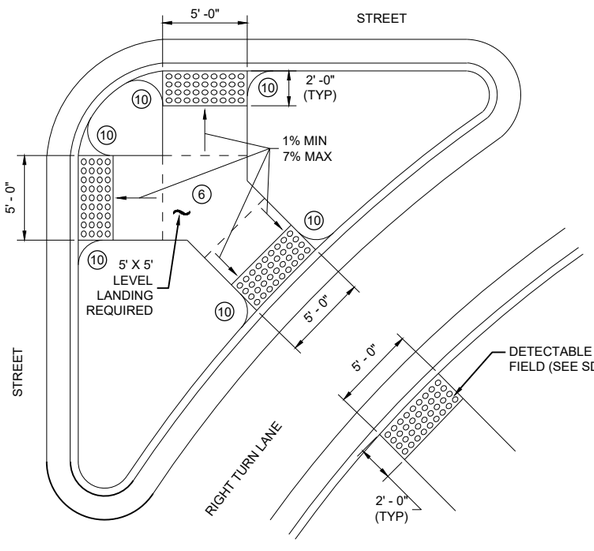
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL 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.

LEGEND

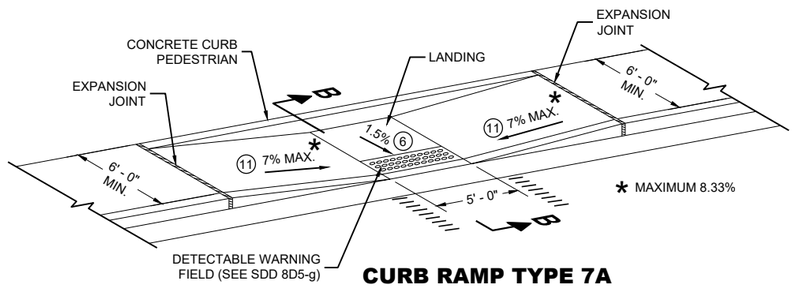
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

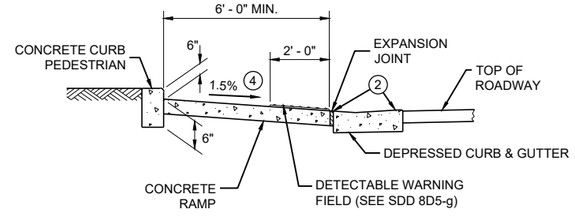
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS

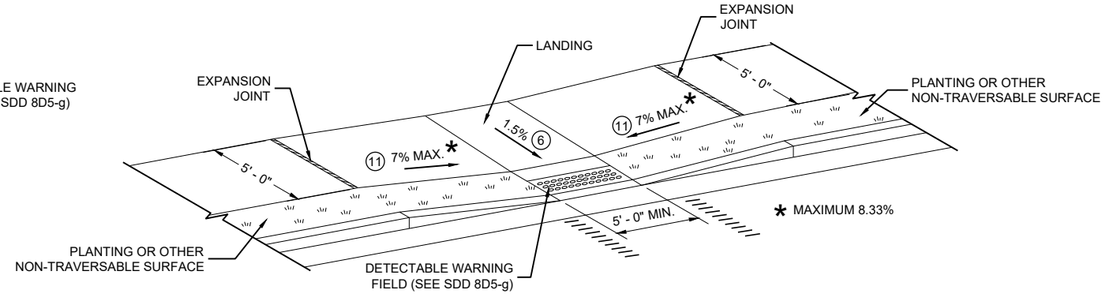


CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



SECTION B - B FOR TYPE 7A



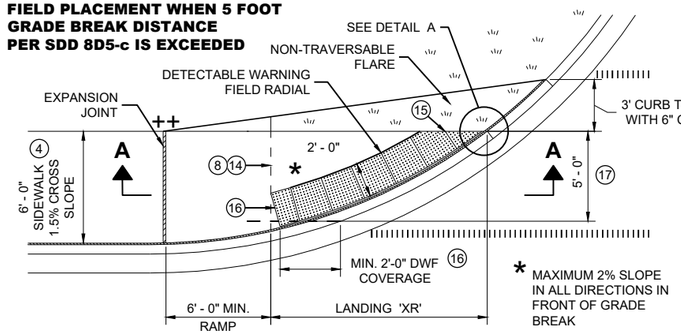
CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

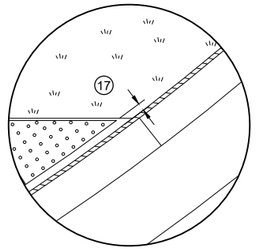
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

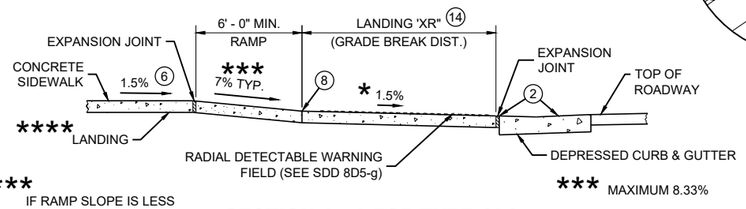


PLAN VIEW

CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF 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 FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

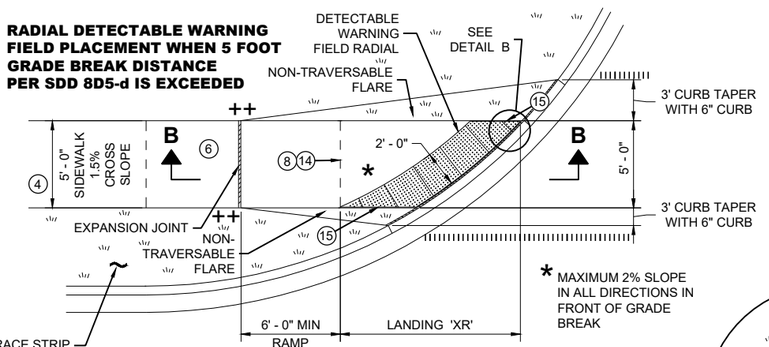
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(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.

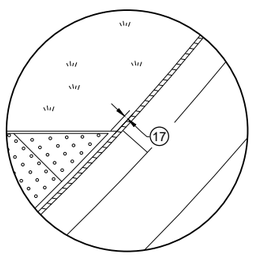
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

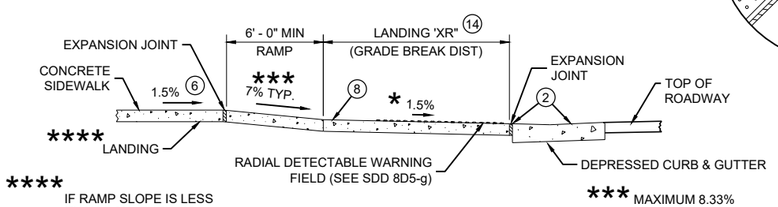


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

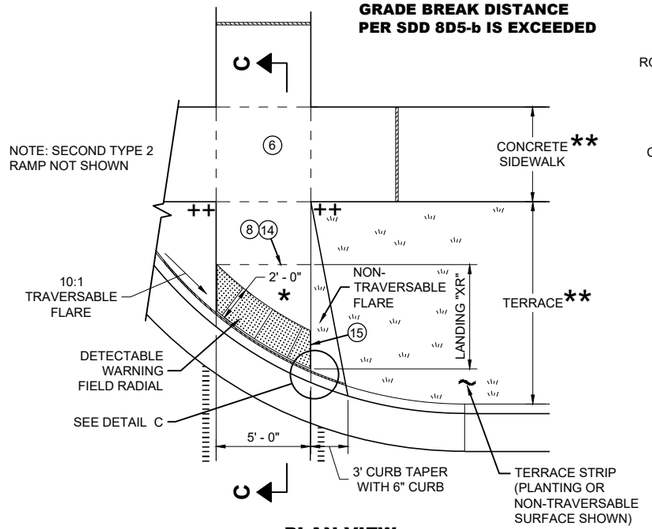


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

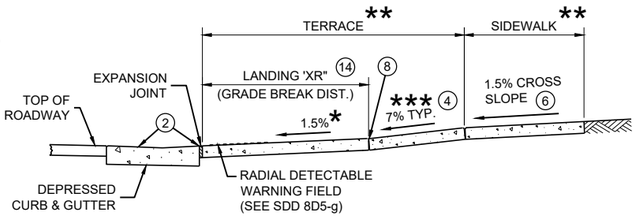
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

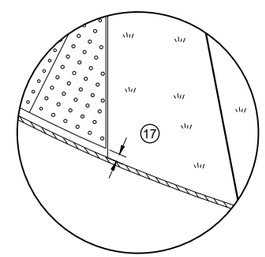


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
RADIAL DETECTABLE WARNING

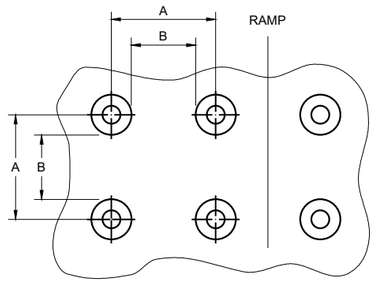
STATE OF WISCONSIN
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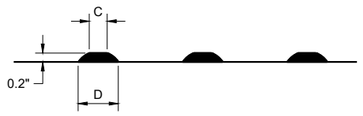
SDD 08D05-21f

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

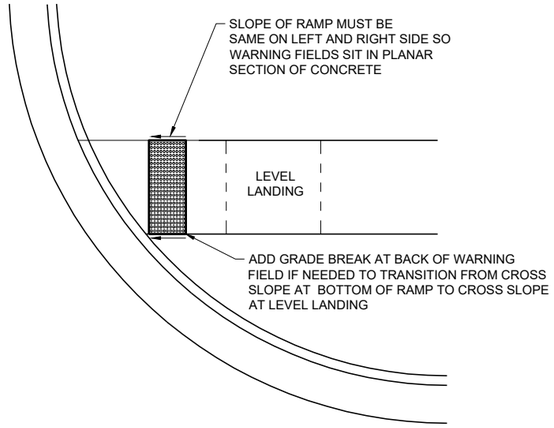
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



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.

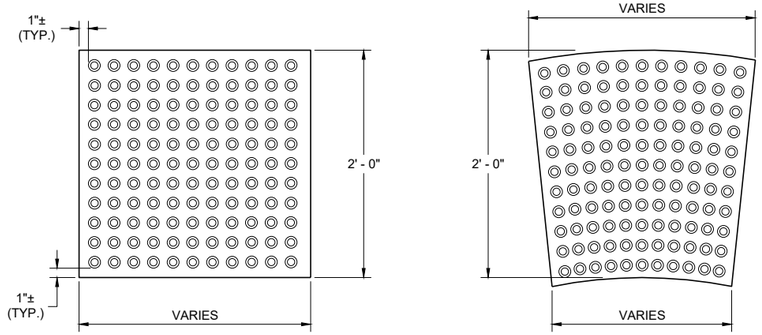
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. 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.

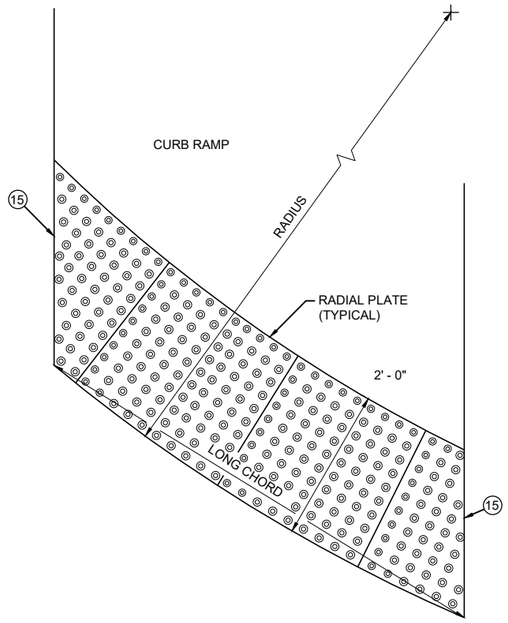
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



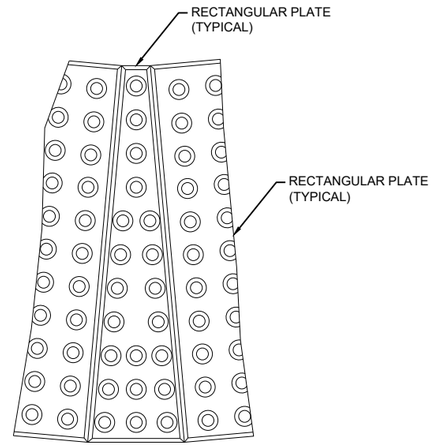
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

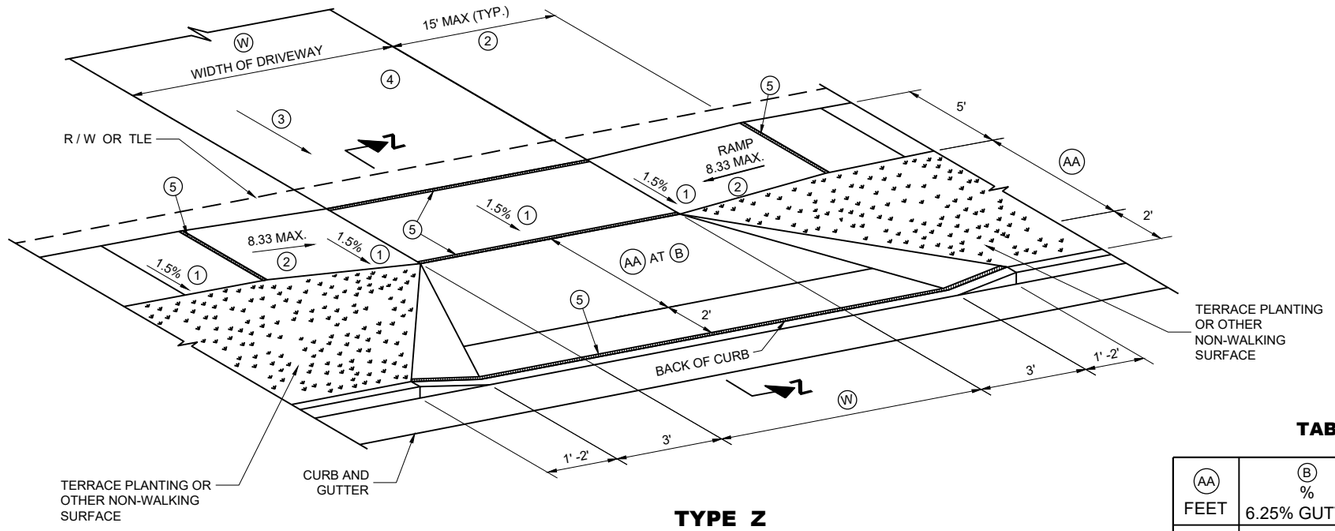
CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
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July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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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%.

(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.)

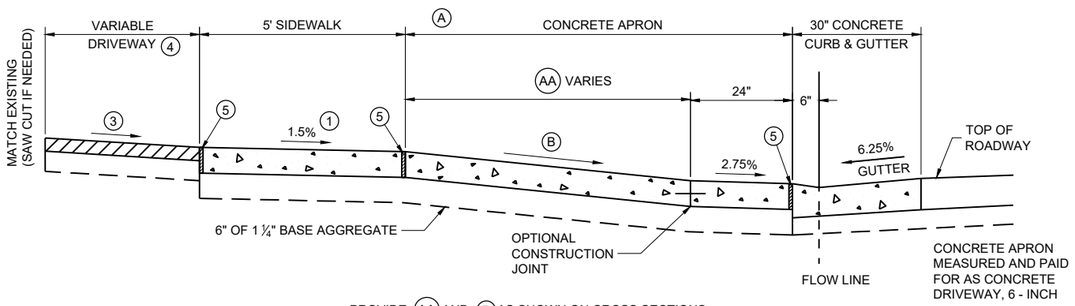
(5) ½" EXPANSION JOINT FILLER.

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%

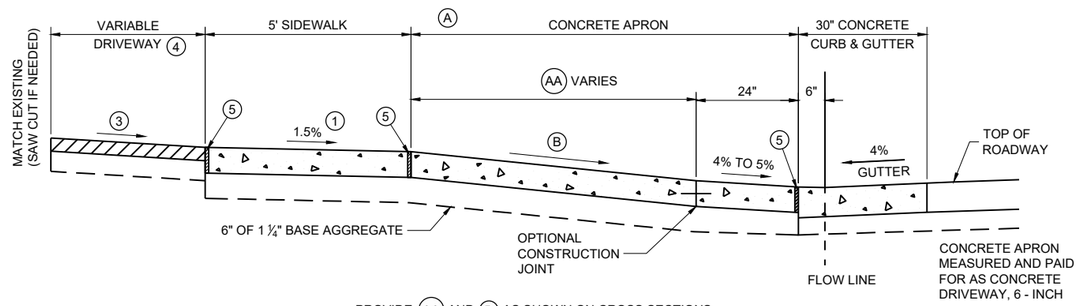
(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



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 MY 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

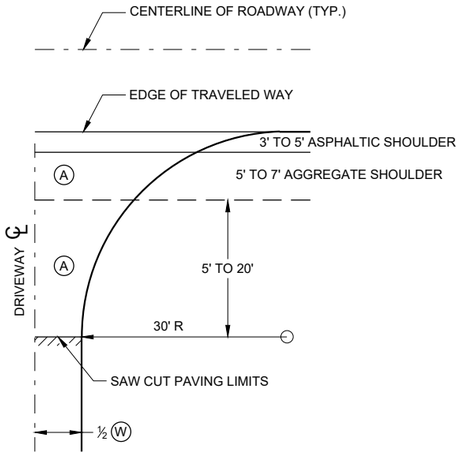
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

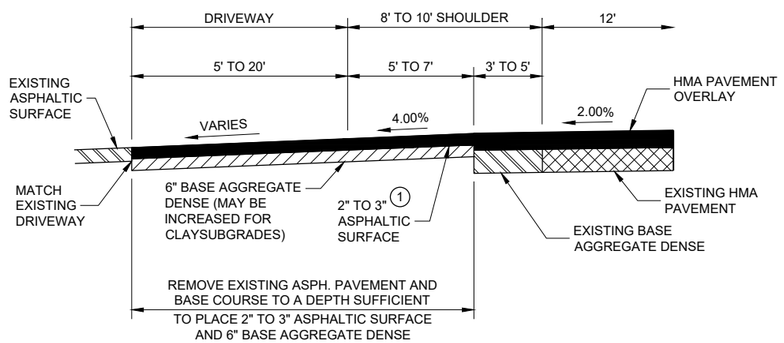
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



PROFILE VIEW

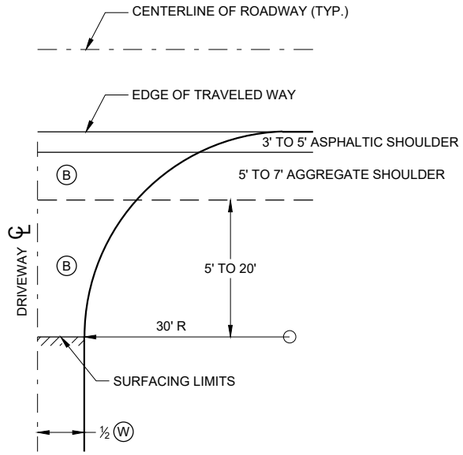
RURAL ENTRANCE WITH ASPHALTIC SURFACE

RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

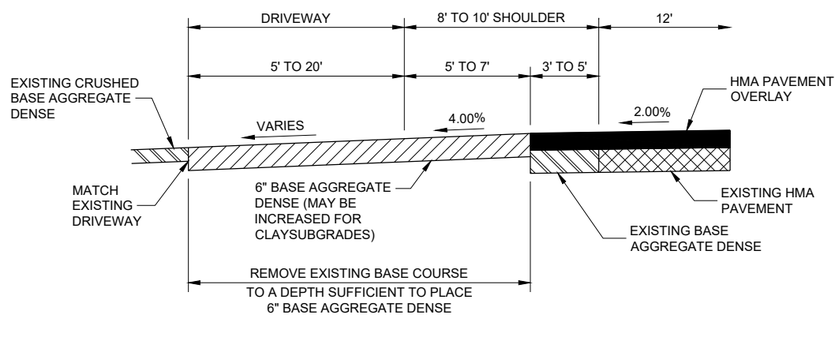
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 ¼" (TON)

(W) : DRIVEWAY WIDTH 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

STATE OF WISCONSIN
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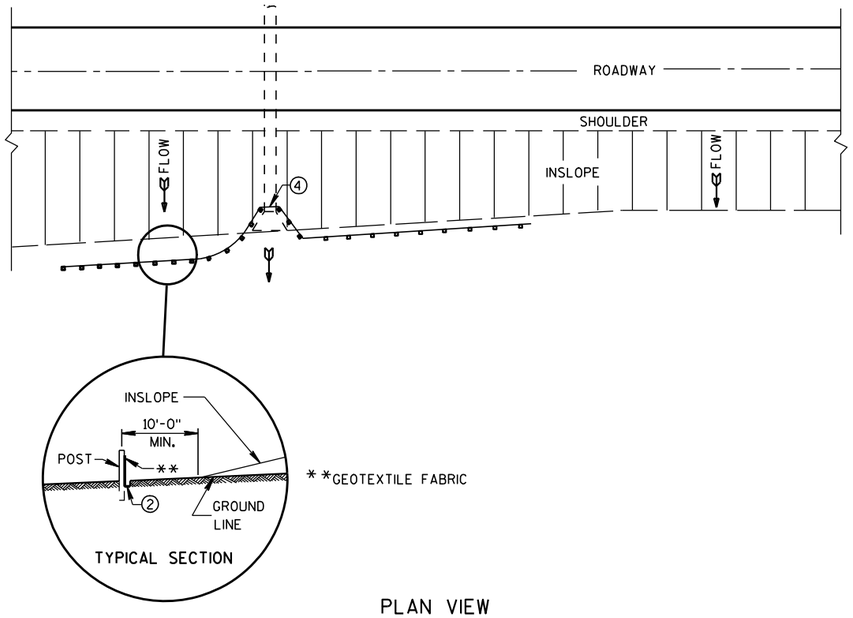
APPROVED
December 2016
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

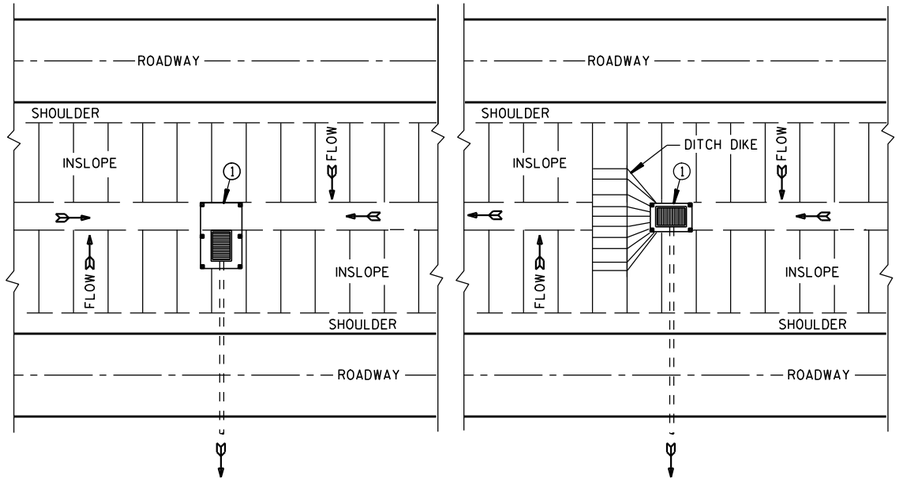
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PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



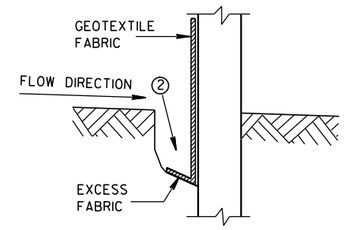
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

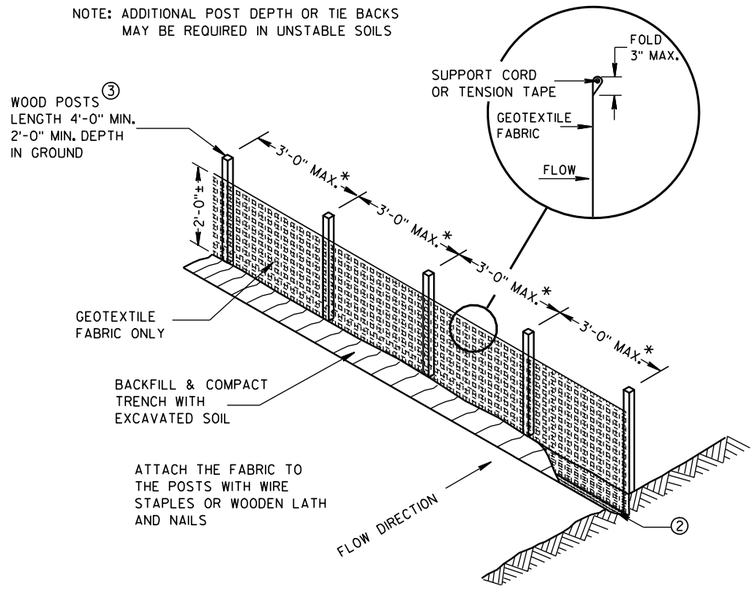
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

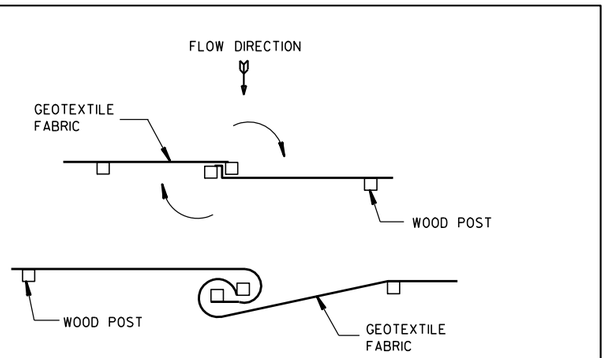
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL 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.



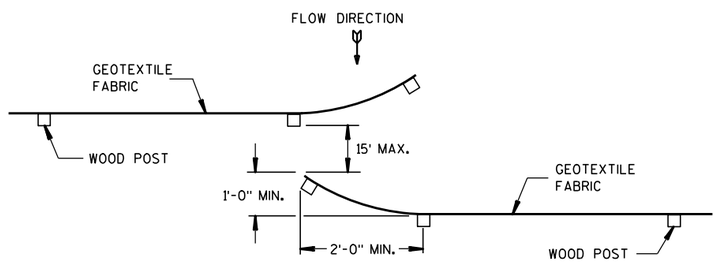
TRENCH DETAIL



SILT FENCE

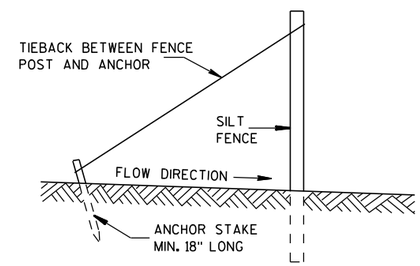


TWIST METHOD



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

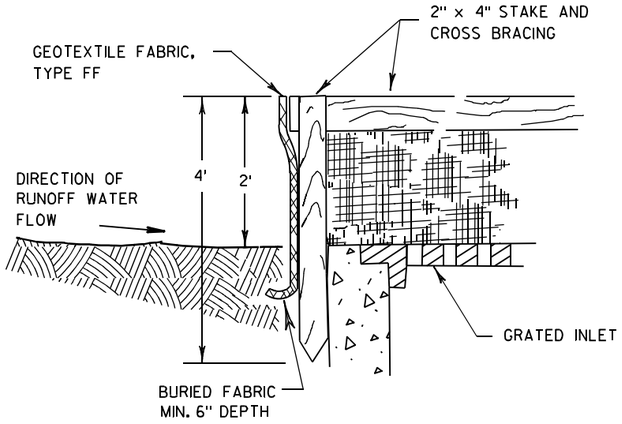
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

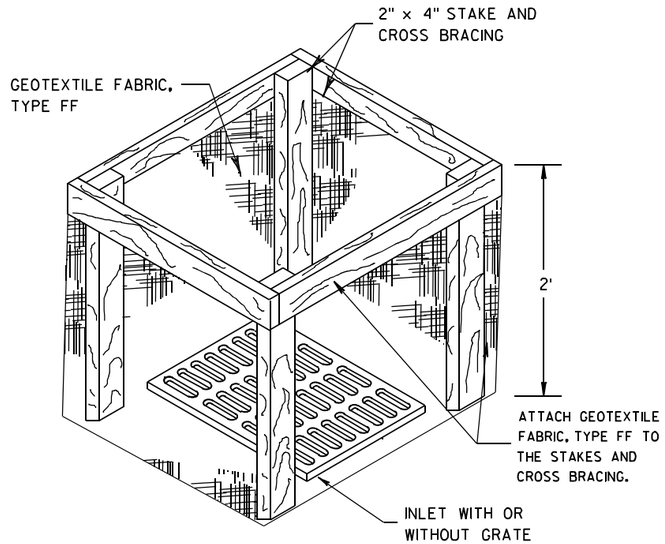
6

S.D.D. 8 E 9-6

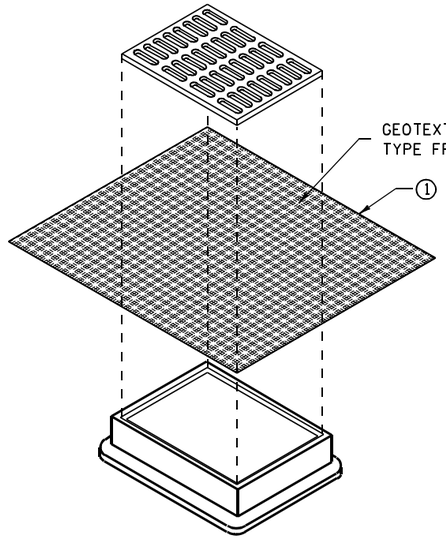
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S.D.D. 8 E 9-6



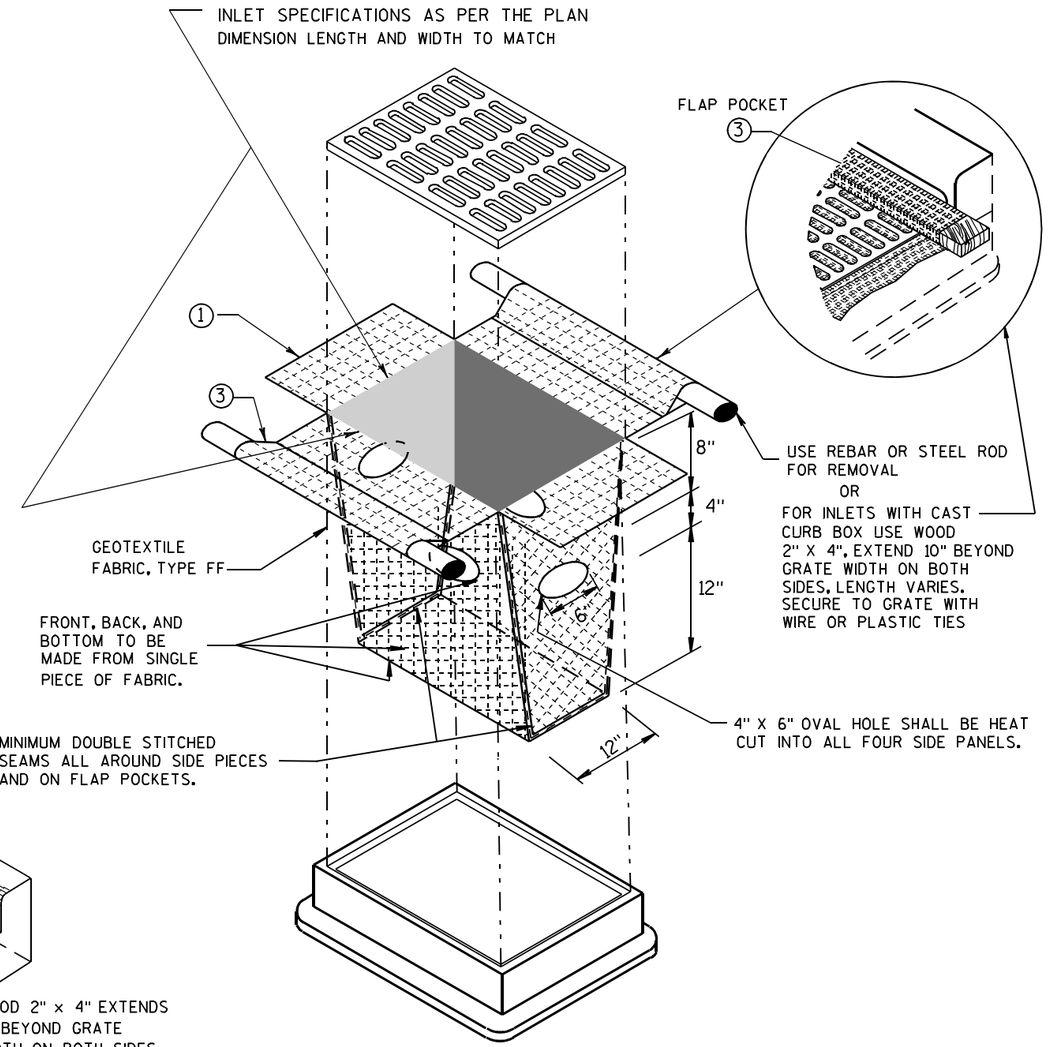


INLET PROTECTION, TYPE A



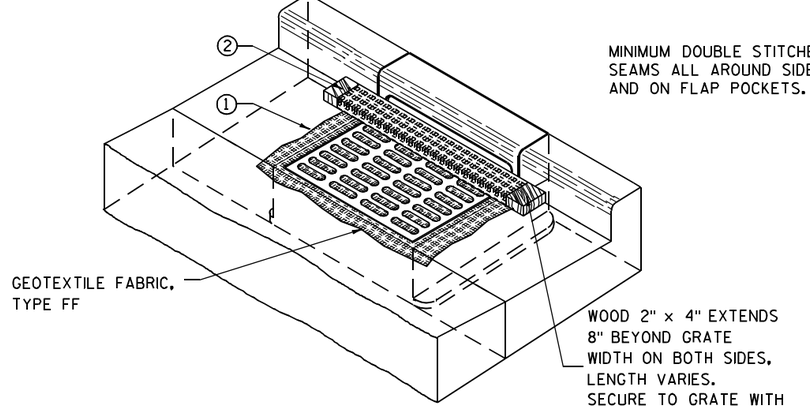
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

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.

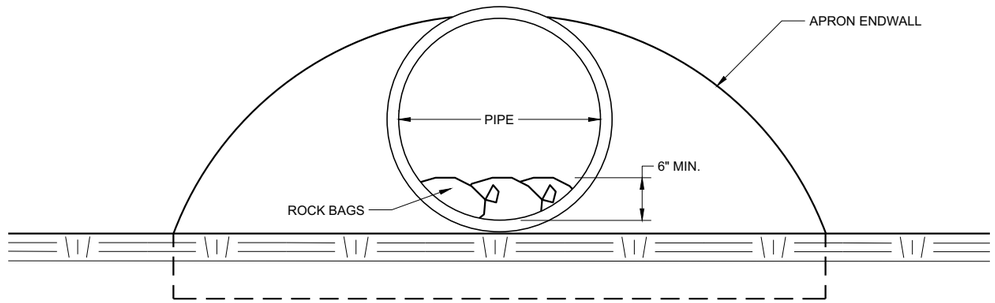
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

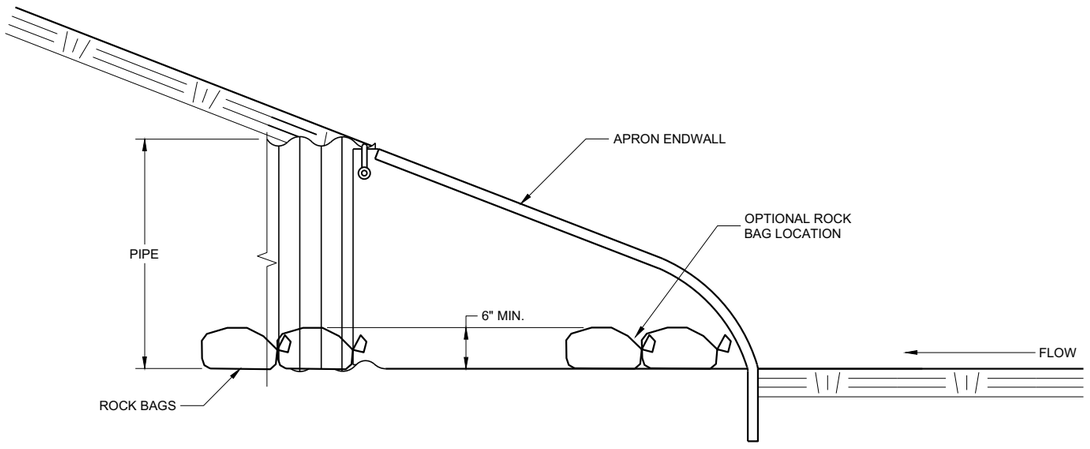
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

6

SDD 08E15 - 01

6

SDD 08E15 - 01

METAL APRON ENDWALLS

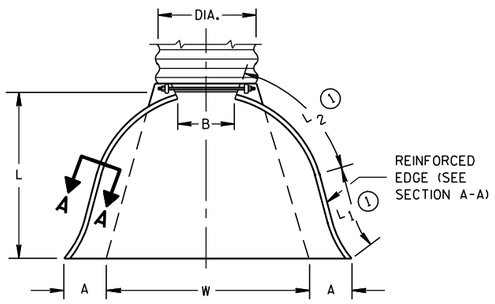
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	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

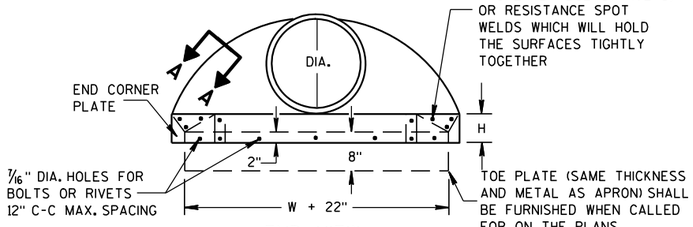
REINFORCED CONCRETE APRON ENDWALLS

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

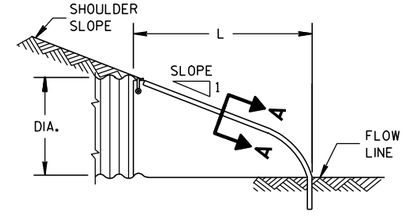
*MINIMUM
**MAXIMUM



PLAN VIEW

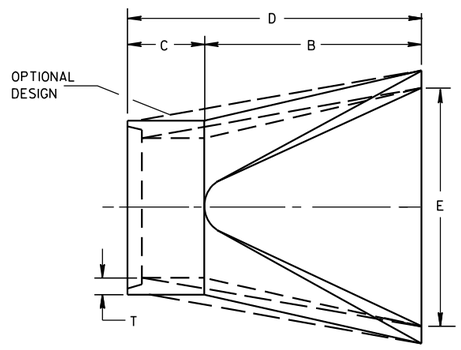


END VIEW

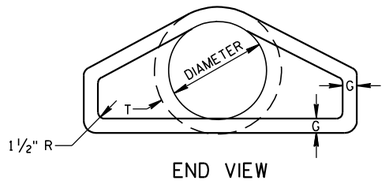


SIDE ELEVATION

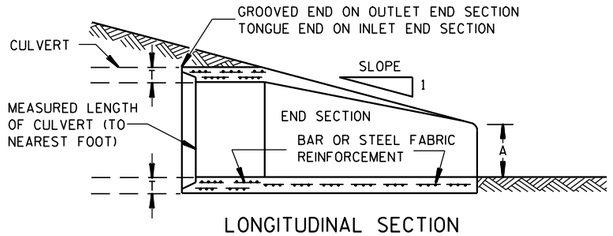
METAL ENDWALLS



PLAN

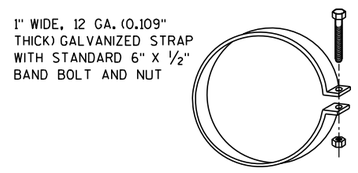


END VIEW



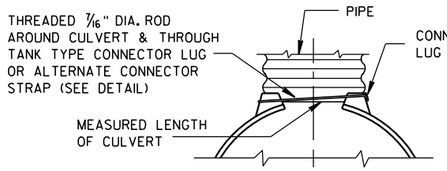
LONGITUDINAL SECTION

CONCRETE ENDWALLS

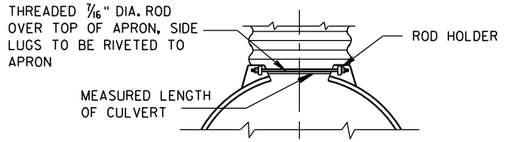


ALTERNATE FOR TYPE 1 CONNECTION

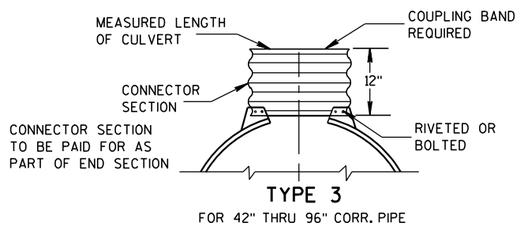
END SECTION CONNECTOR STRAP



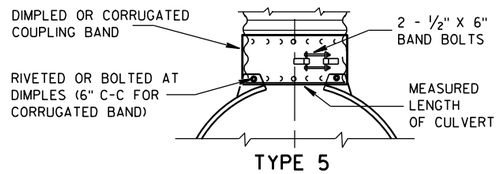
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

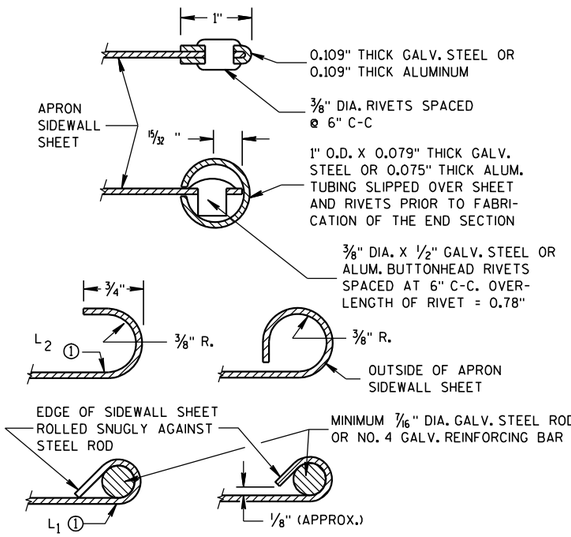
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

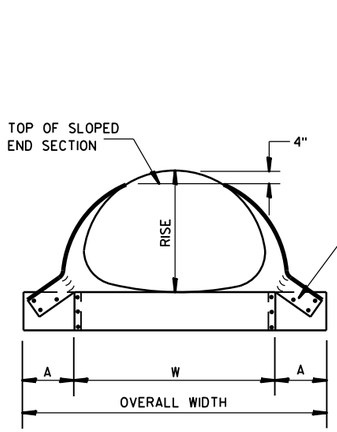
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

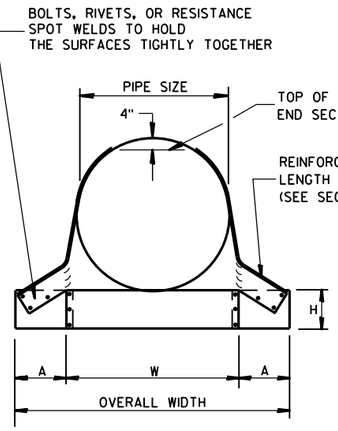
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

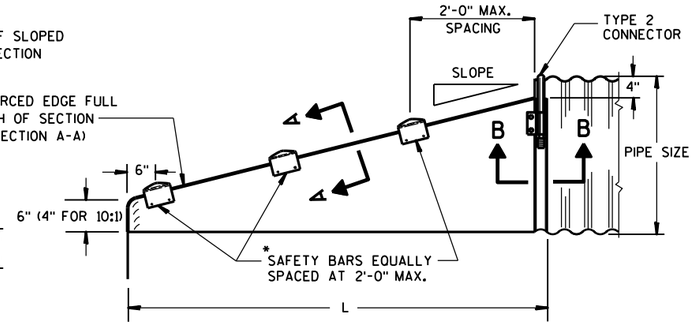
6
S.D.D. 8 F 1-11



FRONT VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES

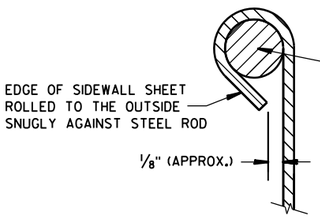
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.

STEEL APRON ENDWALLS FOR CULVERT PIPE
SLOPED SIDE DRAINS

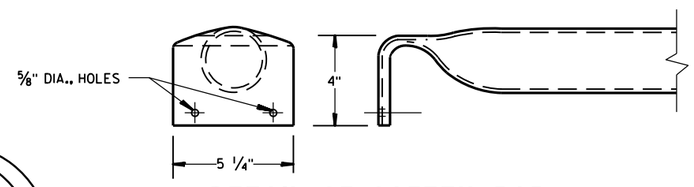
PIPE DIA. (IN.)	MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS					
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	.064	8	6	21	37	4:1	20	6:1	30	10:1	70
18	.064	8	6	24	40	4:1	32	6:1	48	10:1	100
21	.064	8	6	27	43	4:1	44	6:1	66	10:1	130
24	.064	8	6	30	46	4:1	56	6:1	84	10:1	160
30	.109	12	9	36	60	4:1	80	6:1	120	10:1	220
36	.109	12	9	42	66	4:1	104	6:1	156	10:1	280
42	.109	16	12	48	80	4:1	128	6:1	192	——	——
48	.109	16	12	54	86	4:1	152	6:1	228	——	——
54	.109	16	12	60	92	4:1	176	6:1	264	——	——
60	.109	16	12	66	98	4:1	200	6:1	300	——	——



SECTION A-A

*NOTE:
THREE SAFETY BARS ARE SHOWN. ACTUAL NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

3" GALVANIZED PIPE. FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.

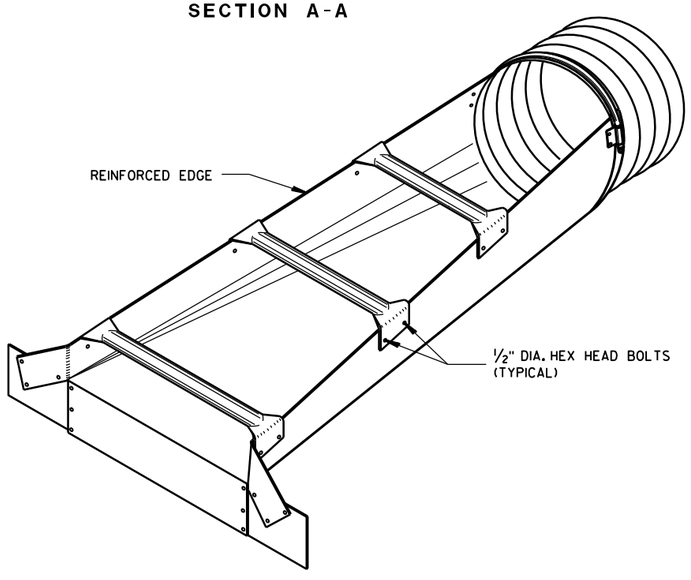


DETAIL OF SAFETY BAR

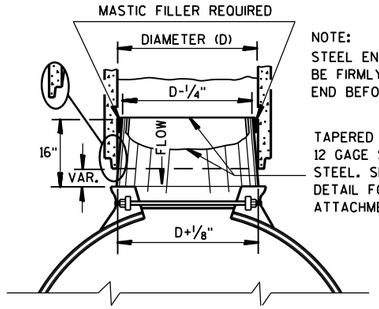
STEEL APRON ENDWALLS FOR PIPE ARCH
SLOPED SIDE DRAINS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) ①	DIMENSIONS (Inches) A	H	W	OVERALL WIDTH	L DIMENSIONS SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	17	13	.064 *	7	6	30	44	4:1	19	6:1	30	10:1 ②	70
18	21	15	.064 *	8	6	27	43	4:1	20	6:1	30	10:1	70
21	24	18	.064 *	8	6	30	46	4:1	32	6:1	48	10:1	100
24	28	20	.064 *	8	6	34	50	4:1	40	6:1	60	10:1	120
30	35	24	.079 *	12	9	41	65	4:1	56	6:1	84	10:1	160
36	42	29	.109 *	12	9	48	72	4:1	76	6:1	114	10:1	210
42	49	33	.109	16	12	55	87	4:1	92	6:1	138	——	——
48	57	38	.109	16	12	63	95	4:1	112	6:1	168	——	——
54	64	43	.109	16	12	70	102	4:1	132	6:1	198	——	——

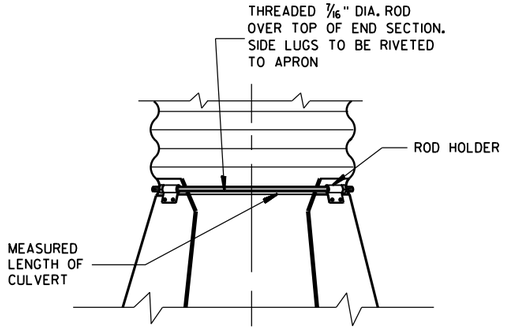
① * MINIMUM THICKNESS OF ALL 10:1 SLOPED SIDE DRAINS IS 0.109".
② ACTUAL SLOPE GREATER THAN 10:1.



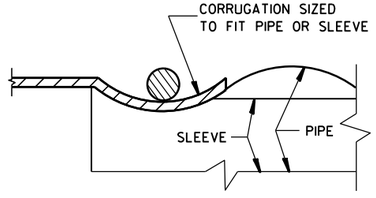
ISOMETRIC VIEW



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



TYPE 2
CONNECTION DETAIL



SECTION B-B

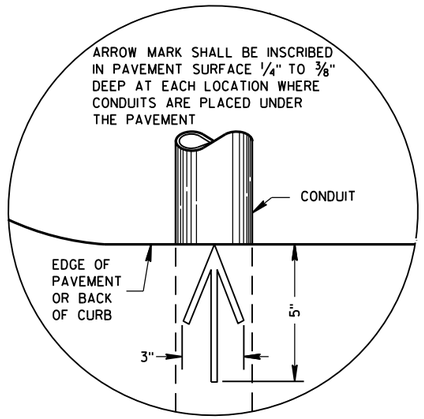
STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9/14/2012 DATE
/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

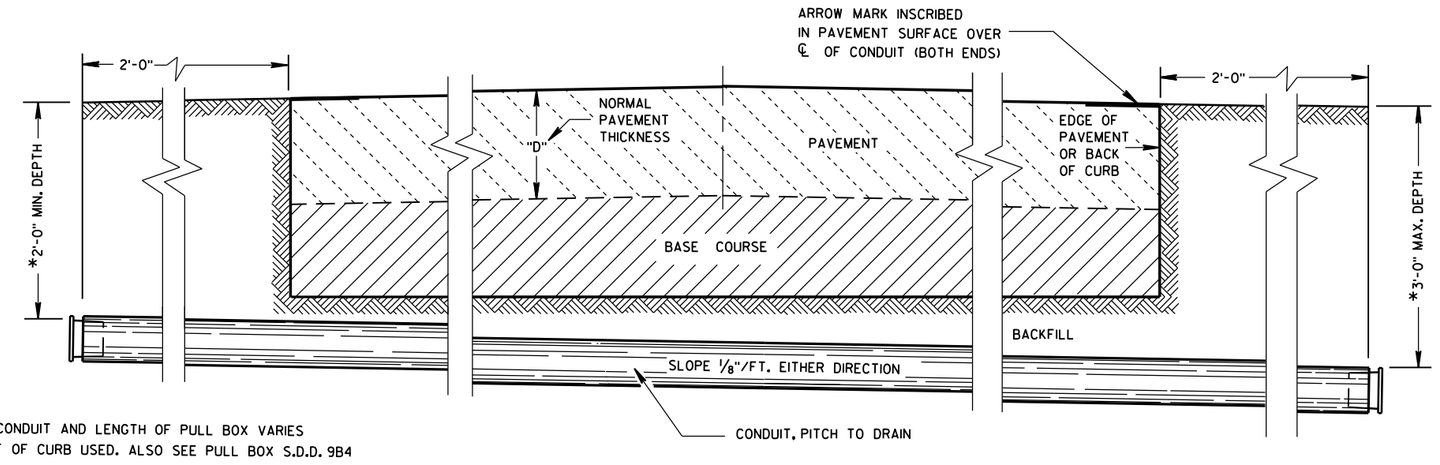
6

S.D.D. 8 F 7-5



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

6

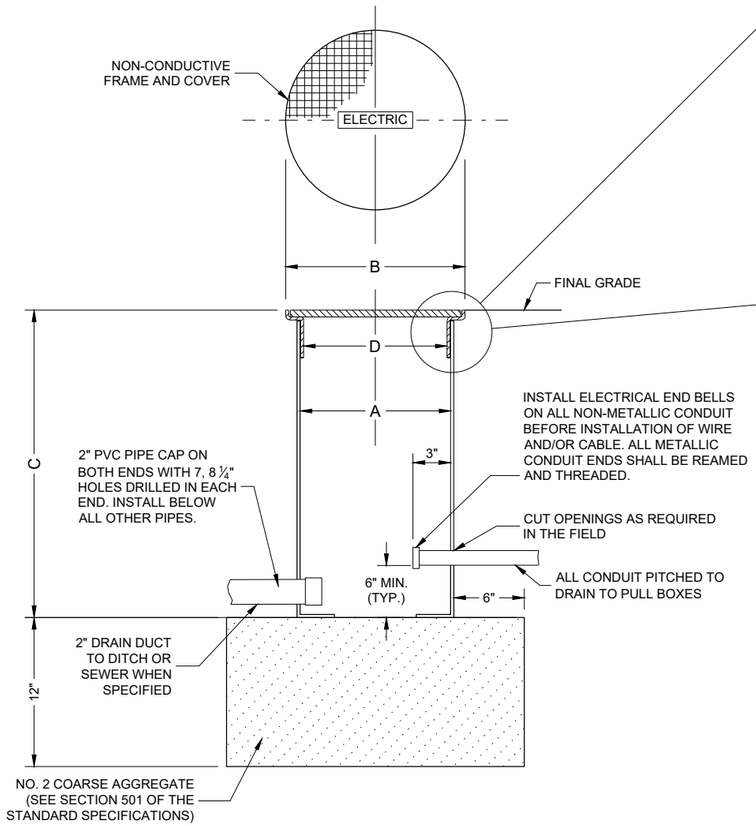
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

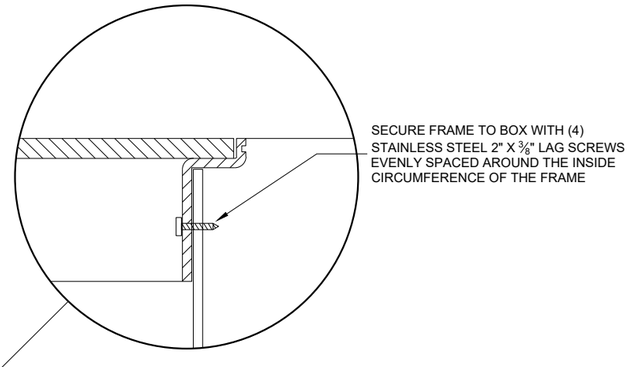
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

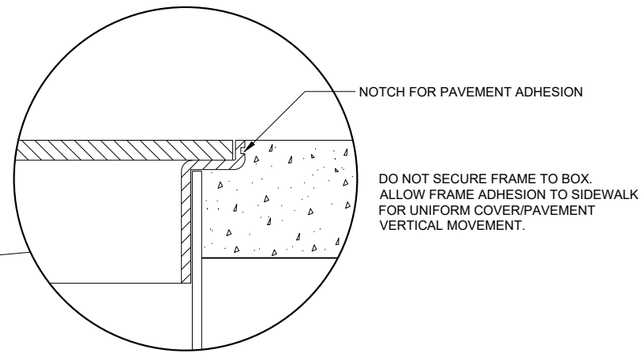
** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



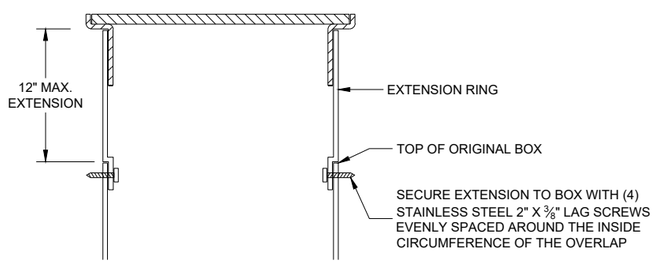
NON-CONDUCTIVE PULL BOX



INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK



BOX EXTENSION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN ½" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN ¼".

COVER SHALL BE MAGNETICALLY LOCATABLE.

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

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".

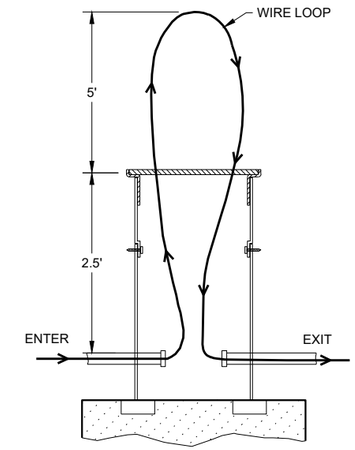
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

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.

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX

PULL BOXES NON-CONDUCTIVE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

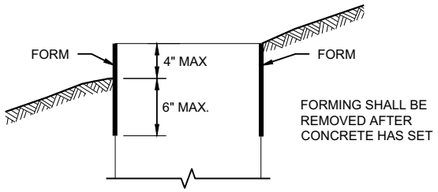
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

6

SDD 09B16 - 02

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.

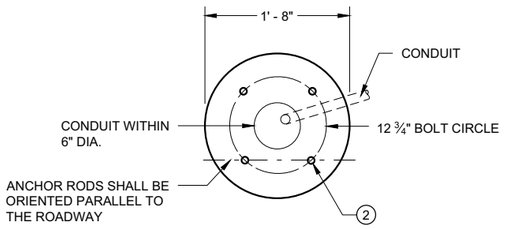
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

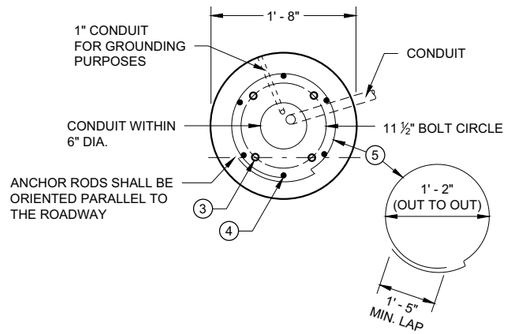
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

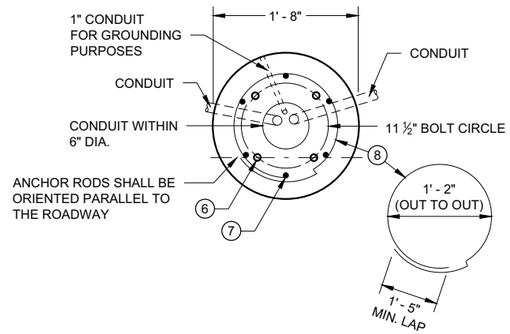
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

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

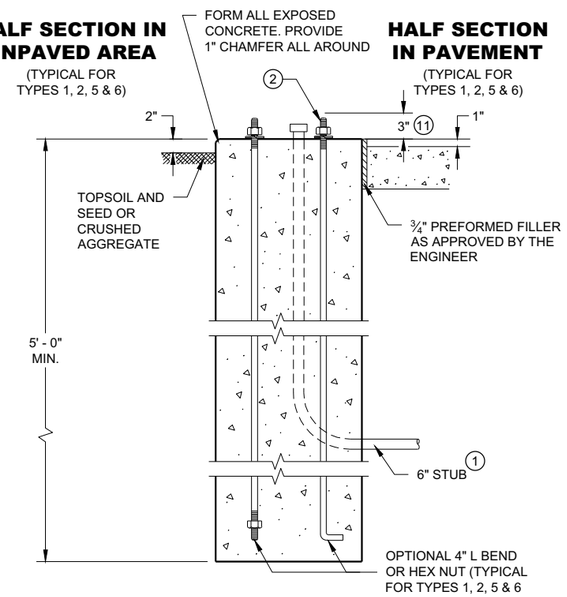
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

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.

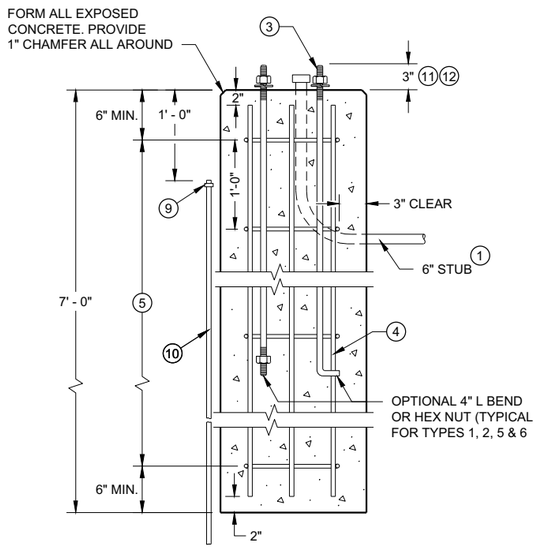
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

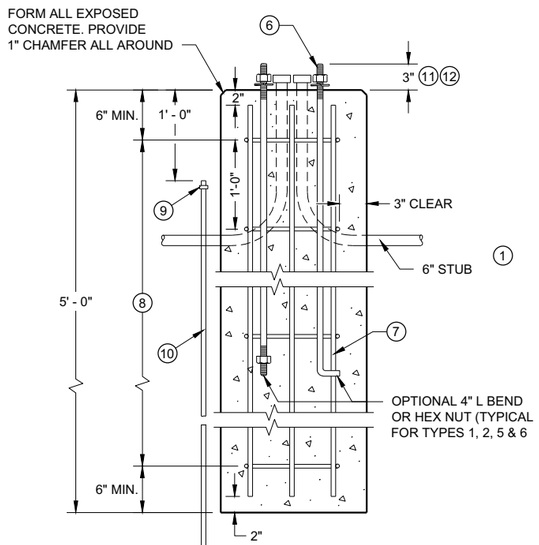
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



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

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.

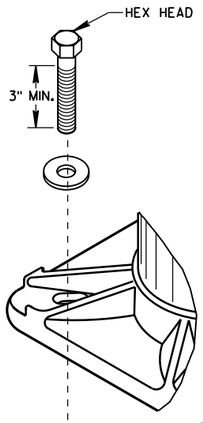
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

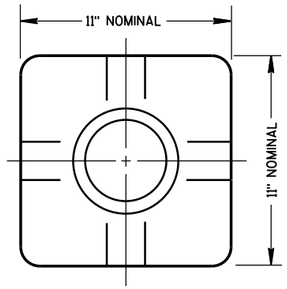
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

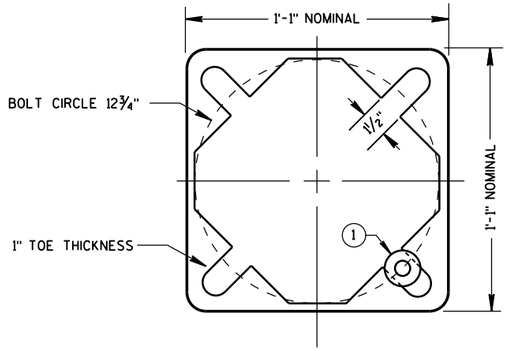
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

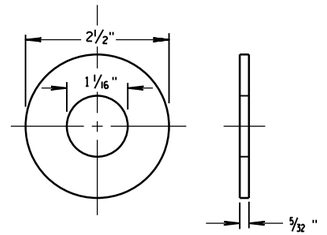




TOP VIEW
(PEDESTAL BASE)

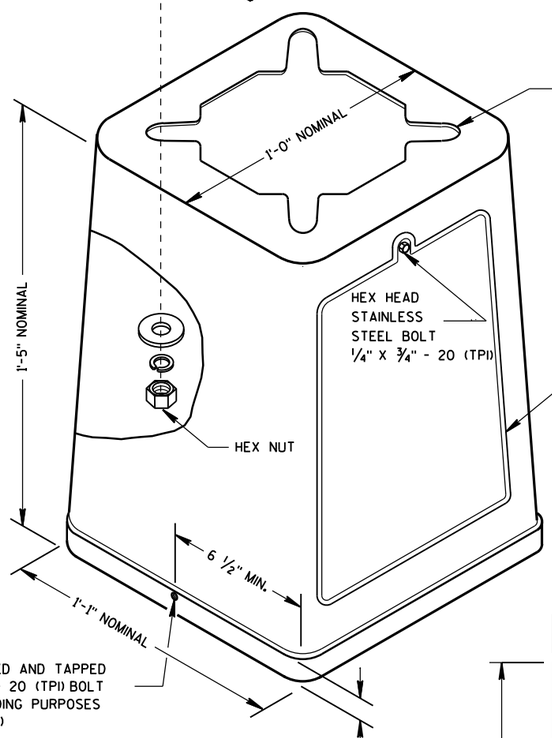


BOTTOM VIEW
(PEDESTAL BASE)

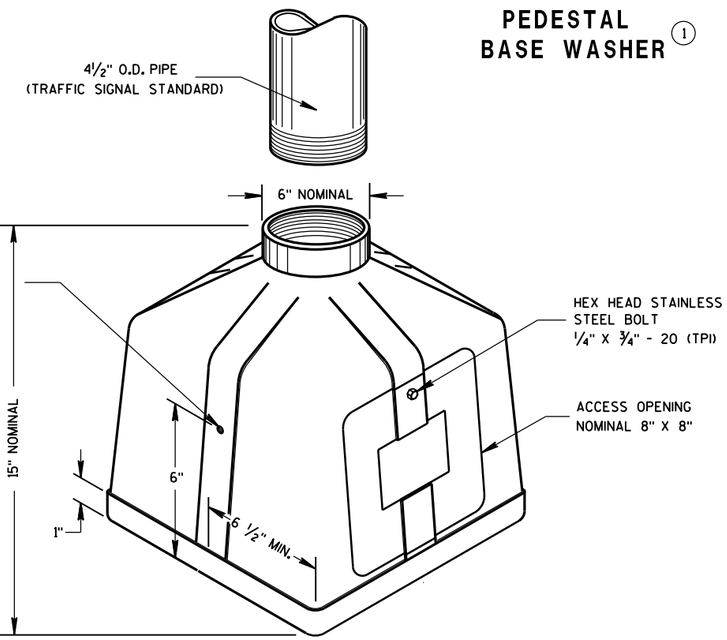


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

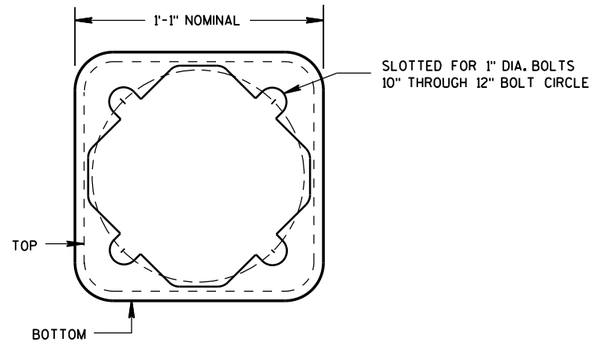
PEDESTAL BASE WASHER (1)



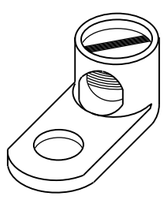
ISOMETRIC VIEW



ISOMETRIC VIEW
PEDESTAL BASE



BOTTOM VIEW
(TRANSFORMER BASE)

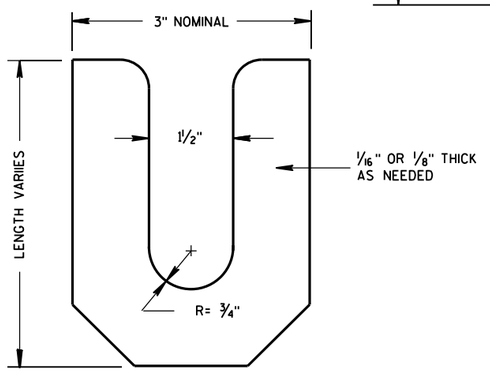


TYPICAL MECHANICAL CONNECTOR LUG

TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE

INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

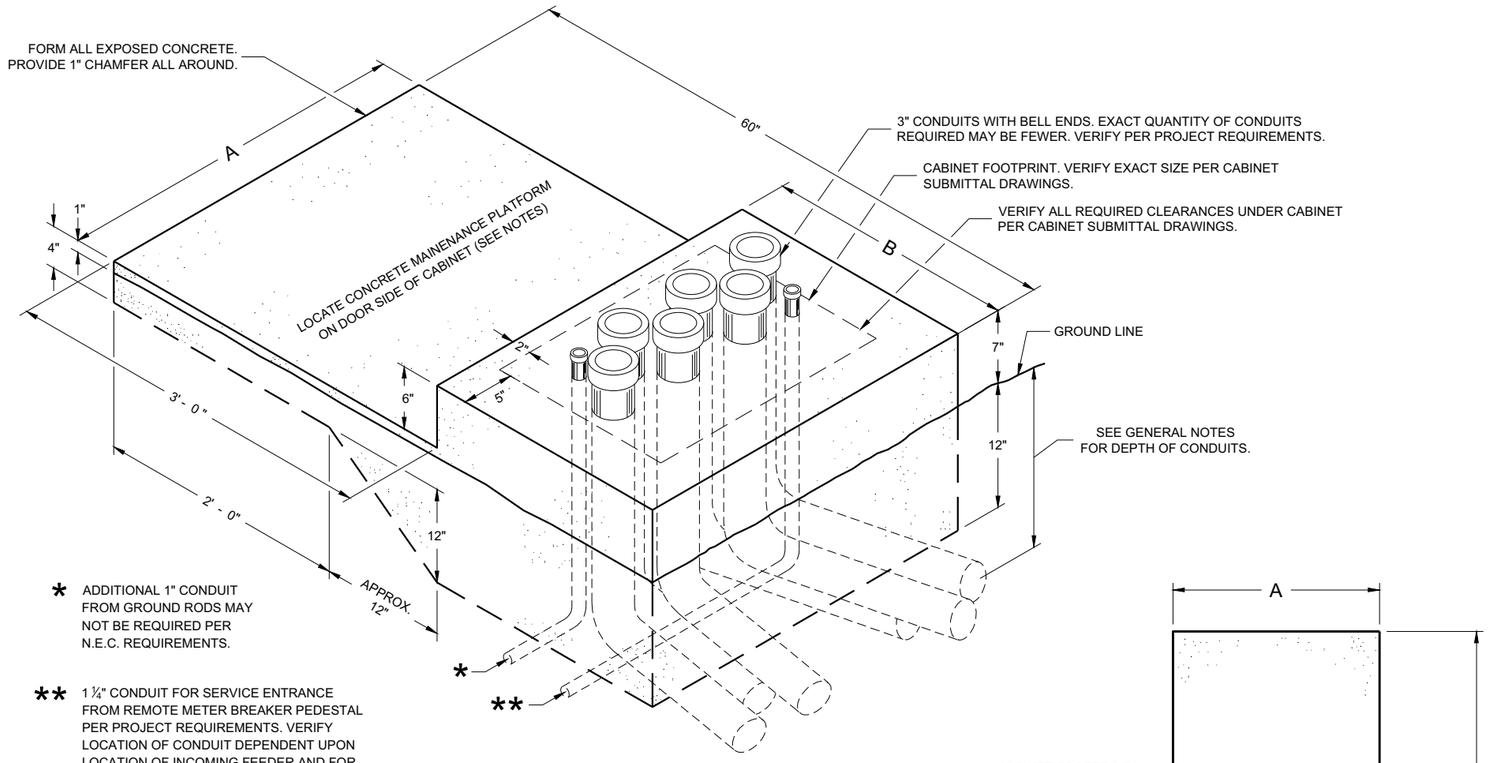
TRANSFORMER/PEDESTAL BASES

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* ADDITIONAL 1" CONDUIT FROM GROUND RODS MAY NOT BE REQUIRED PER N.E.C. REQUIREMENTS.

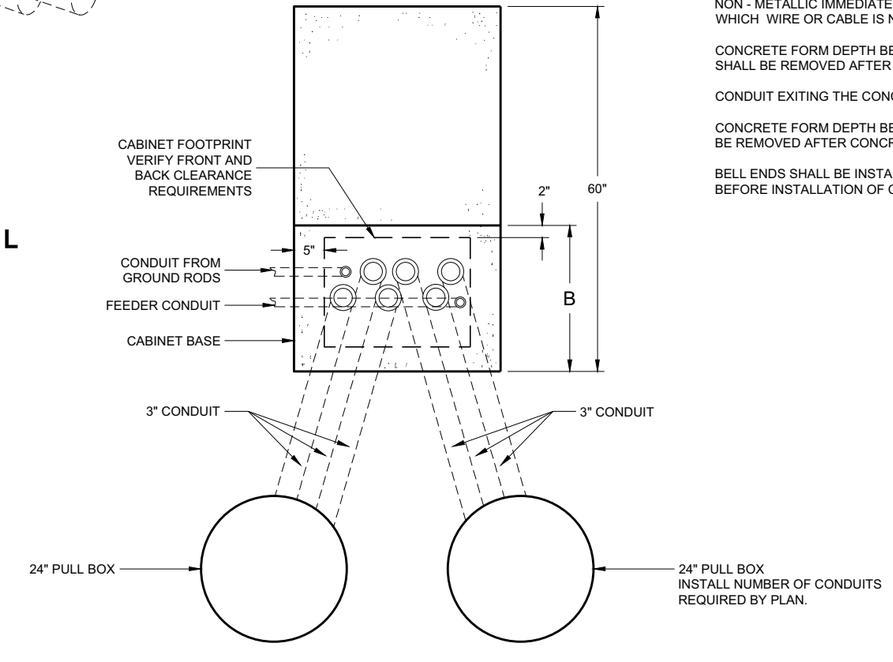
** 1 ¼" CONDUIT FOR SERVICE ENTRANCE FROM REMOTE METER BREAKER PEDESTAL PER PROJECT REQUIREMENTS. VERIFY LOCATION OF CONDUIT DEPENDENT UPON LOCATION OF INCOMING FEEDER AND FOR EASE OF CONNECTION TO LOAD CENTER.

ISOMETRIC VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

(C.Y. CONCRETE = APPROX. 0.4)

CONCRETE BASE TYPE	CABINET WIDTH	DIMENSIONS		MAXIMUM 3" CONDUITS
		A	B	
L24	24"	34"	24"	4
L30	30"	40"	24"	6



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS TO ANCHOR THE CABINET BASES. THE ANCHORS 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.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS UNLESS DETERMINED BY THE ENGINEER IN THE FIELD.

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 SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCH MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

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 L

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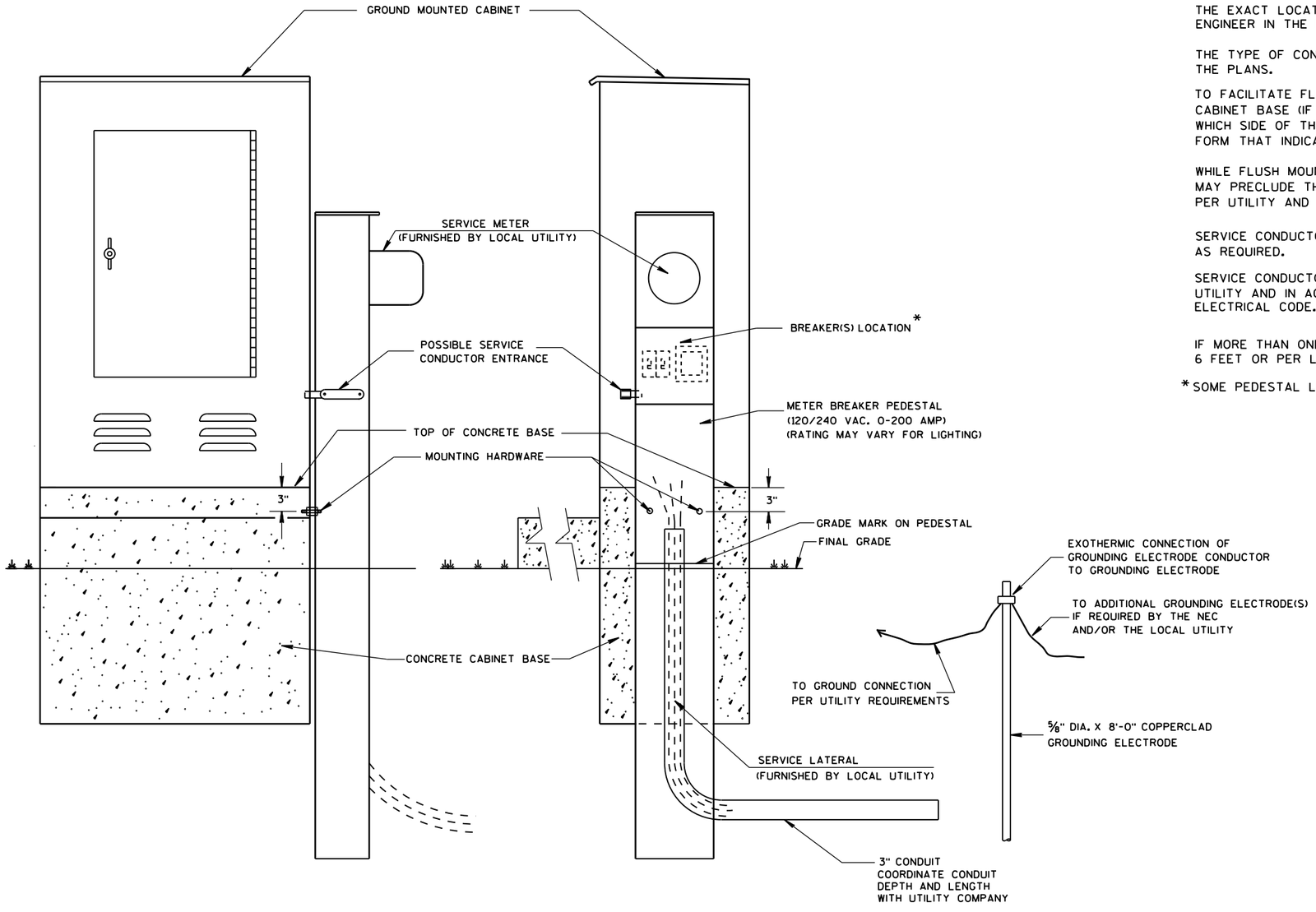
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TYPICAL CABINET SERVICE INSTALLATION

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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CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

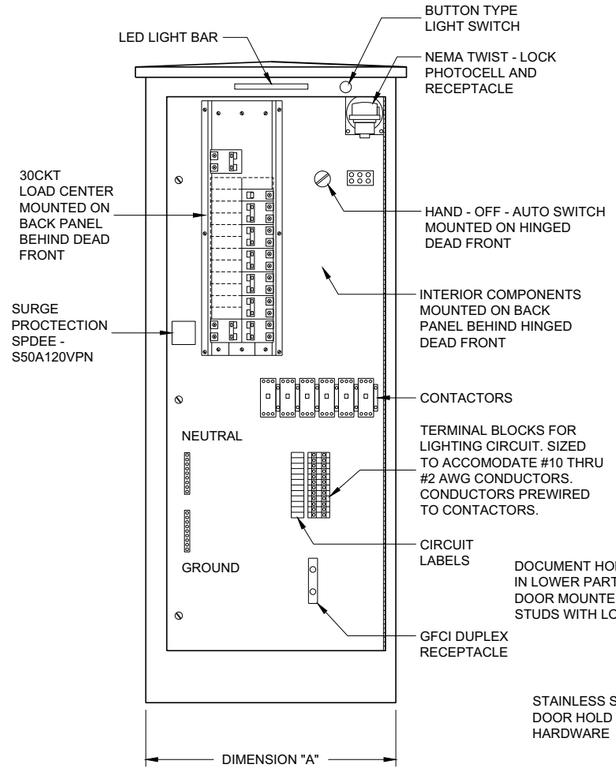
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DATE

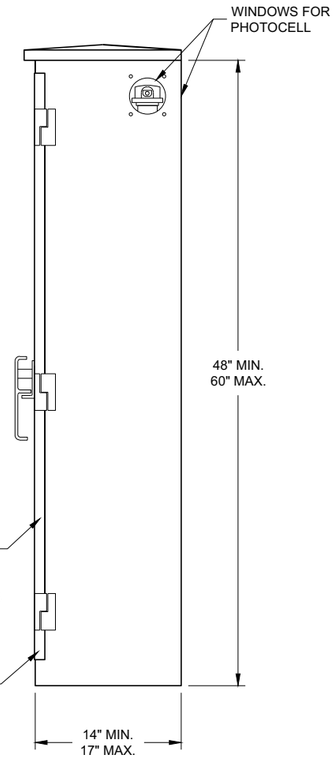
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FRONT INTERIOR ELEVATION



SIDE VIEW



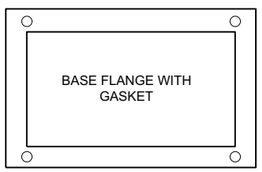
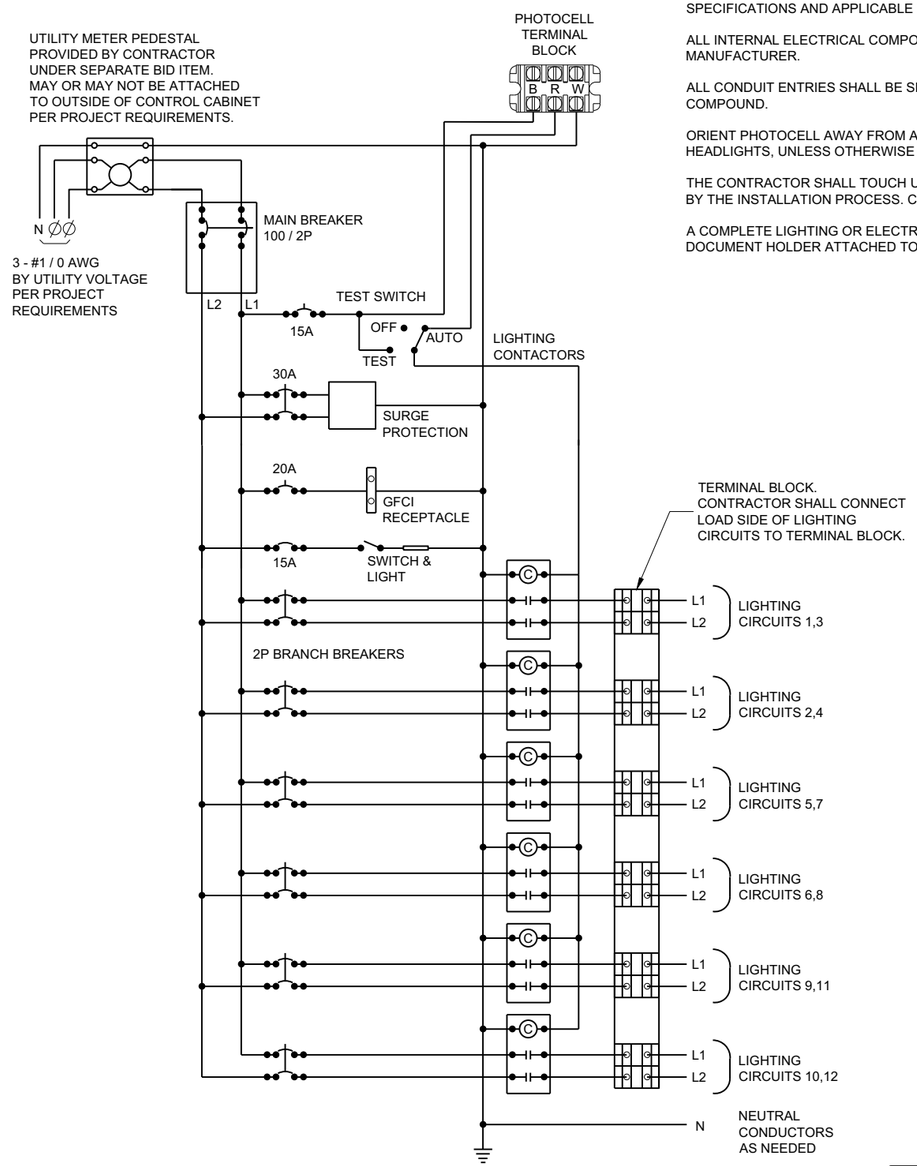


TABLE OF DIMENSIONS (INCHES)		
CONCRETE BASE TYPE	CABINET WIDTH	DIMENSION "A"
L24	24"	24"
L30	30"	30"

LIGHTING CONTROL CABINET



CONTROL CABINET SCHEMATIC

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.

ALL INTERNAL ELECTRICAL COMPONENTS WILL BE PRE - WIRED BY THE CABINENT MANUFACTURER.

ALL CONDUIT ENTRIES SHALL BE SEALED WITH AN APPROPRIATE DUCT SEALING COMPOUND.

ORIENT PHOTOCELL AWAY FROM AMBIENT LIGHT SOURCES AND ONCOMING TRAFFIC HEADLIGHTS, UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISION.

THE CONTRACTOR SHALL TOUCH UP ANY DAMAGE TO THE ANODIZED FINISH CAUSED BY THE INSTALLATION PROCESS. COLOR MATCH PAINT SHALL BE USED.

A COMPLETE LIGHTING OR ELECTRICAL PLAN SHALL BE SECURELY PLACED IN THE DOCUMENT HOLDER ATTACHED TO THE DOOR.

LIGHTING CONTROL CABINET
120 / 240 VOLT

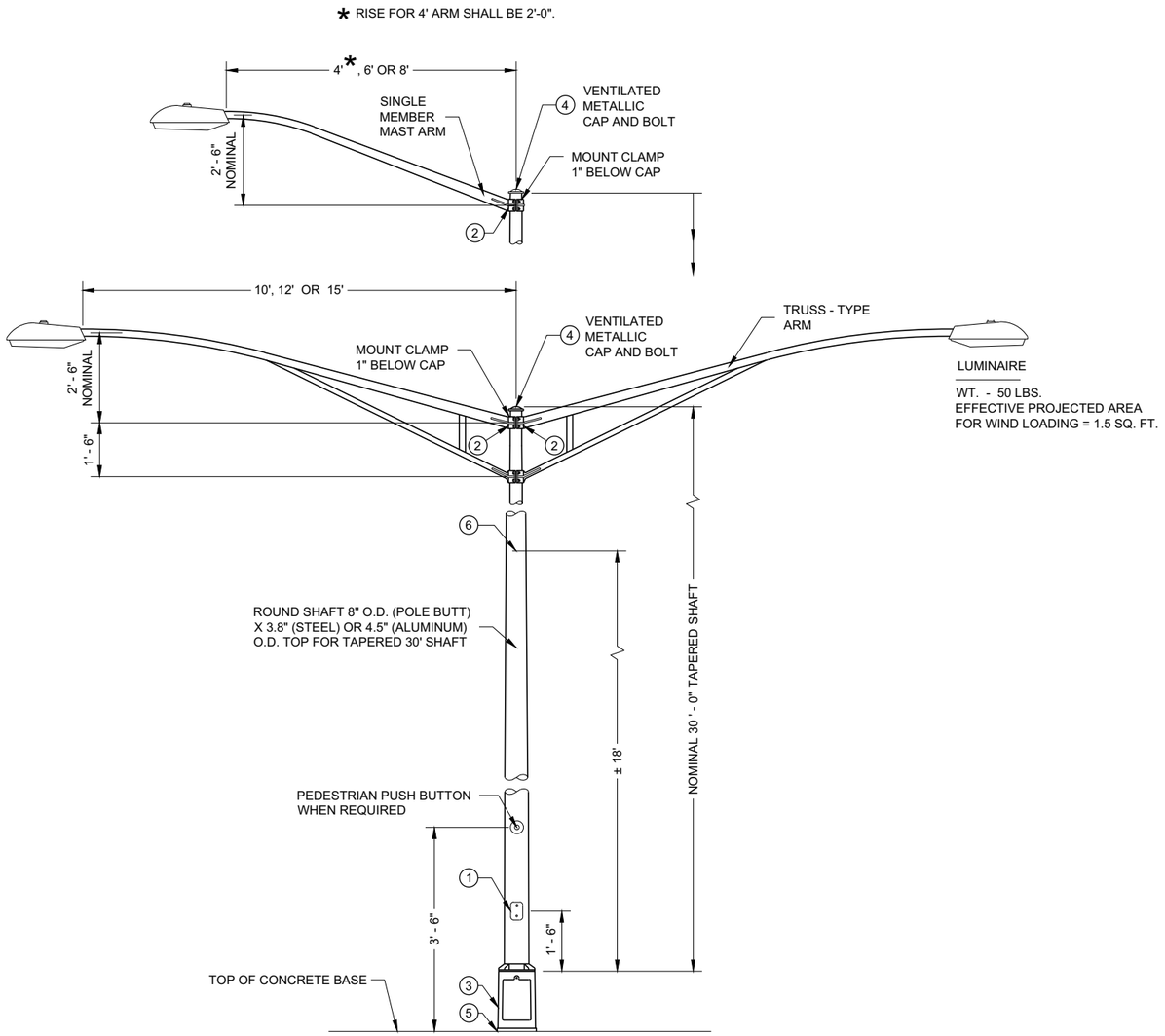
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TYPE 5 POLE MOUNTING CONFIGURATION
(MAXIMUM LOAD)
LIGHTING ONLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.1888".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (0.1196").

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" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

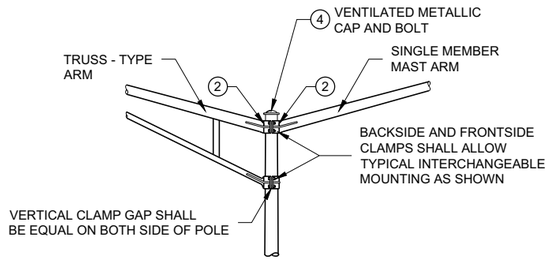
(2) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

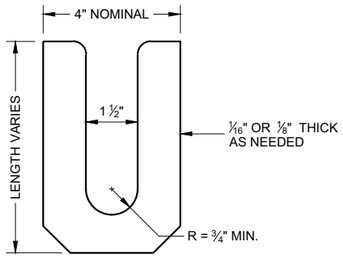
(6) INTERNAL DUMBBELL - TYPE VIBRATION DAMPER.



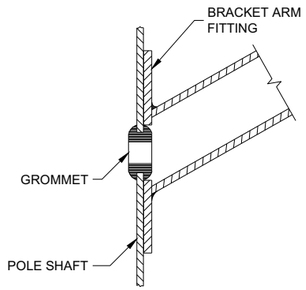
INTERCHANGEABLE MOUNTING DETAIL

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)

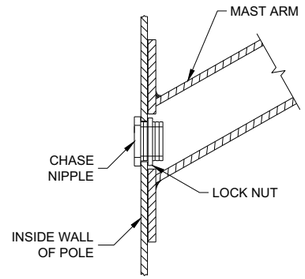
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LEVELING SHIM (1)
SHALL BE ALUMINUM



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.

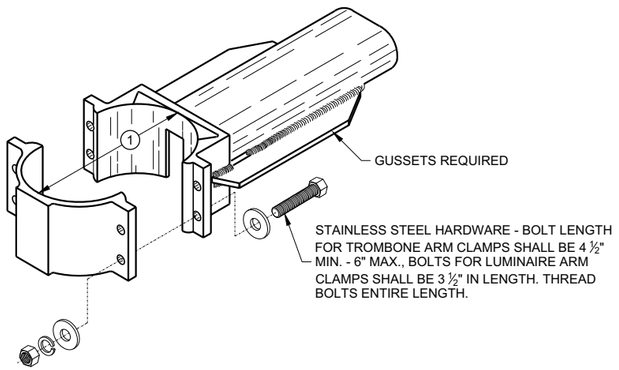
(1) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(2) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

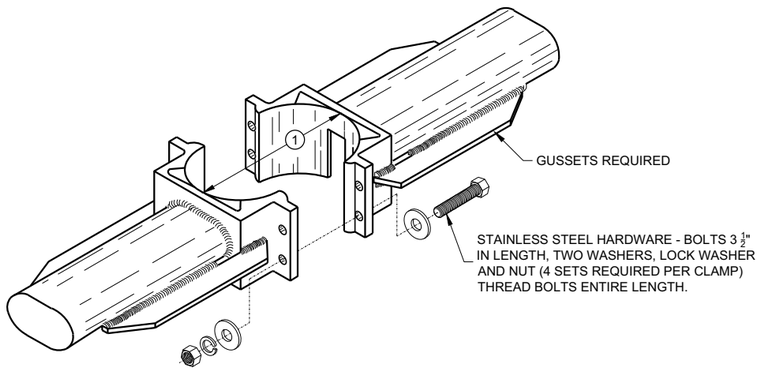
(3) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(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.

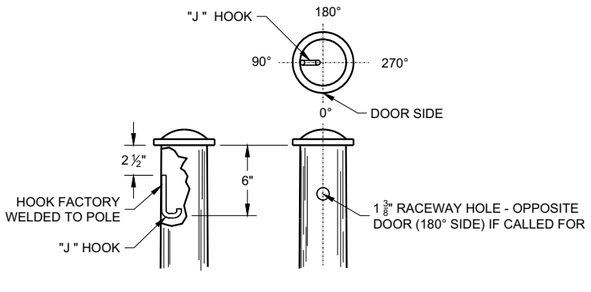
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



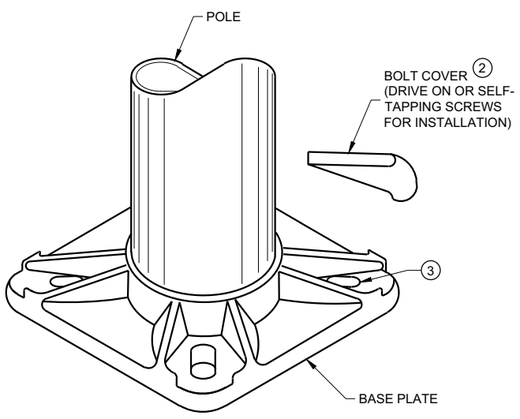
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



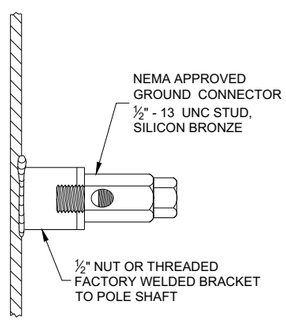
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

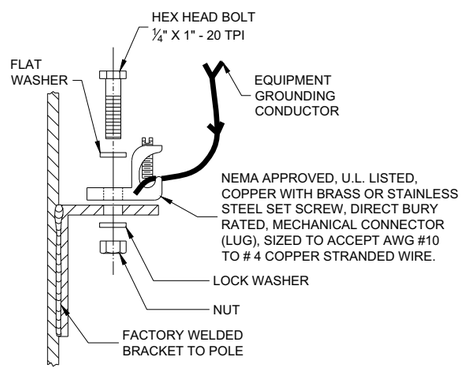


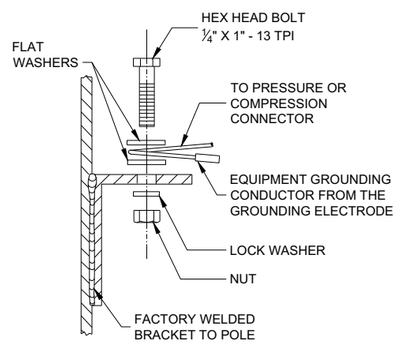
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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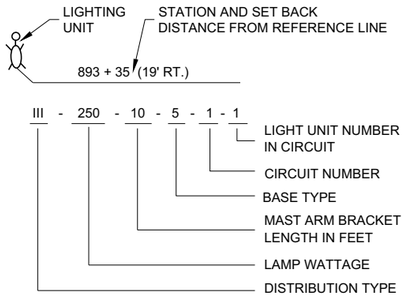
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GENERAL NOTES

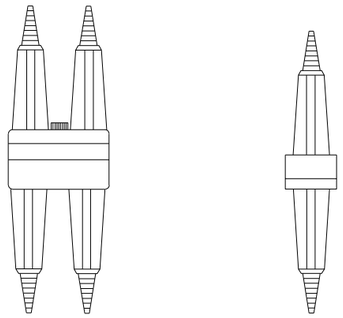
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

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.

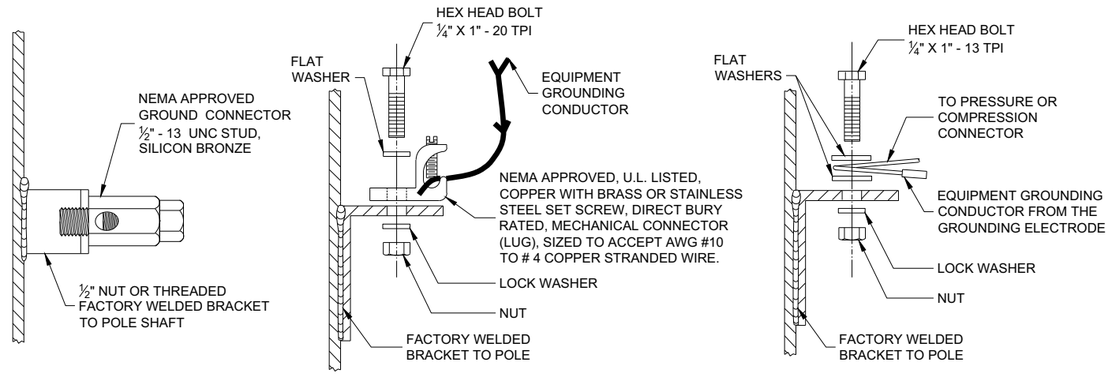


LIGHTING UNIT CODE
(TYPICAL)

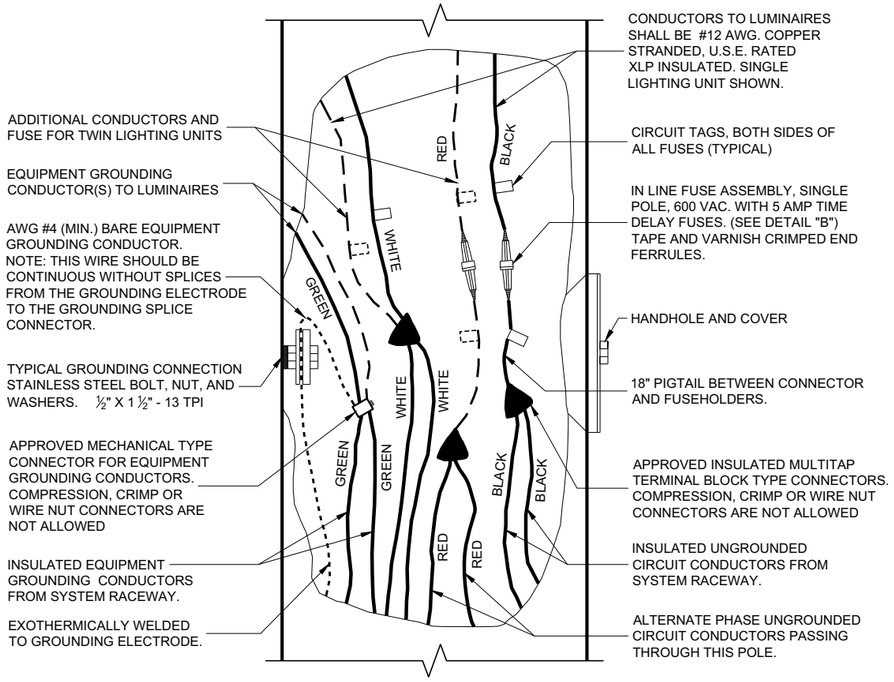


DETAIL "A"
BREAKAWAY DOUBLE POLE WITH WATERPROOF INSULATING BOOT

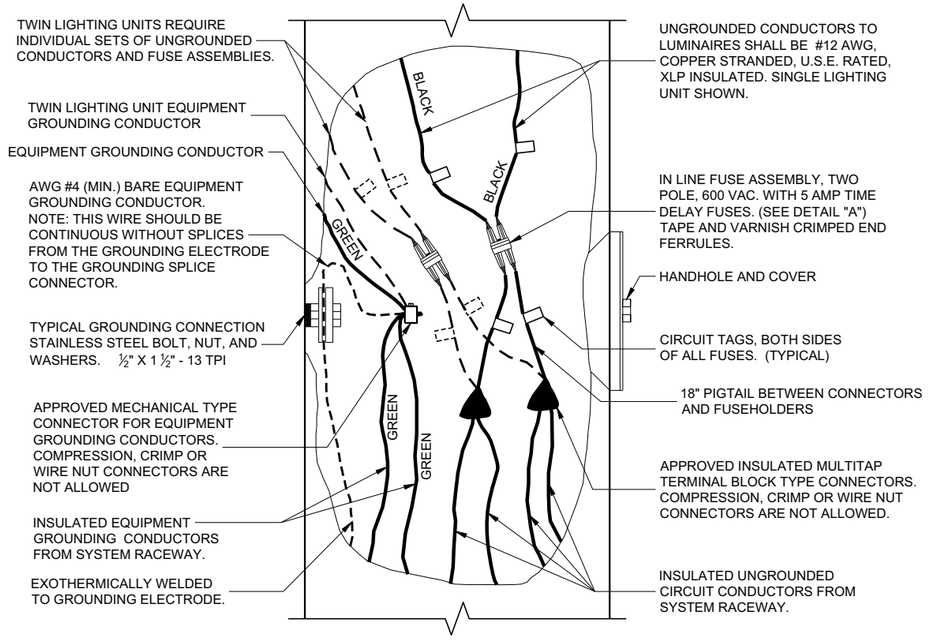
DETAIL "B"
BREAKAWAY SINGLE POLE WITH WATERPROOF INSULATING BOOT



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

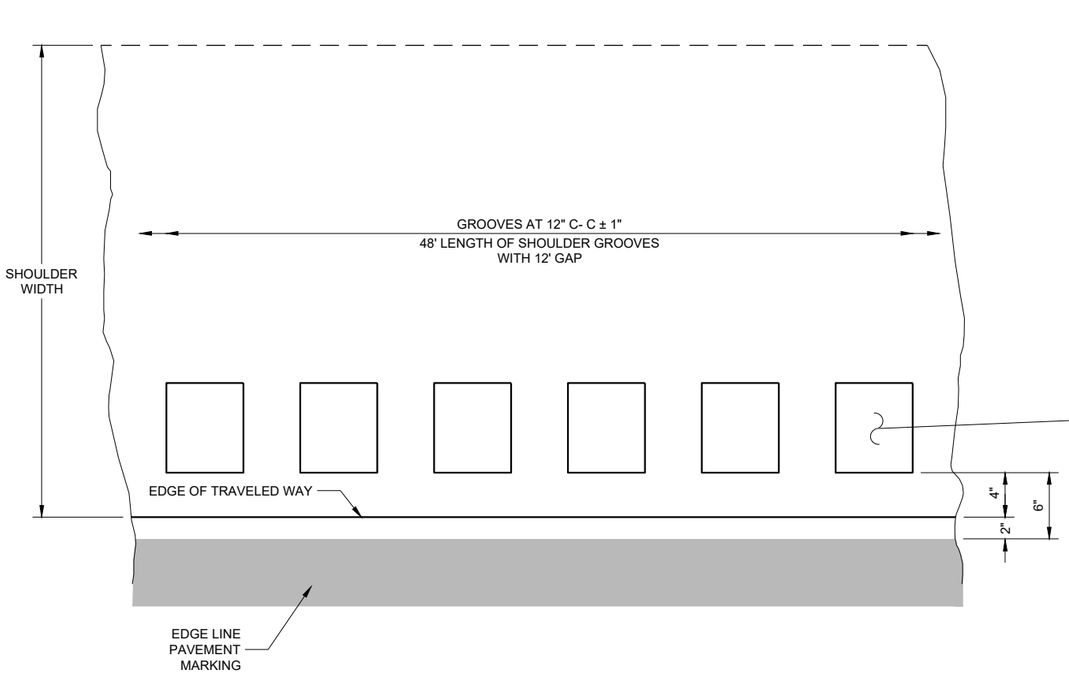
NON - FREEWAY LIGHTING UNIT POLE WIRING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

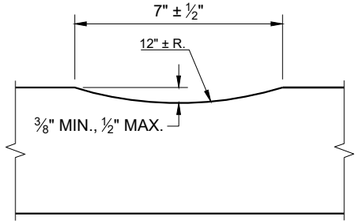
APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

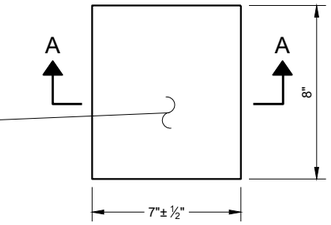
6
SDD 09E03 - 06



PLAN DETAIL VIEW
SHOULDER WITH GROOVES



SECTION A - A

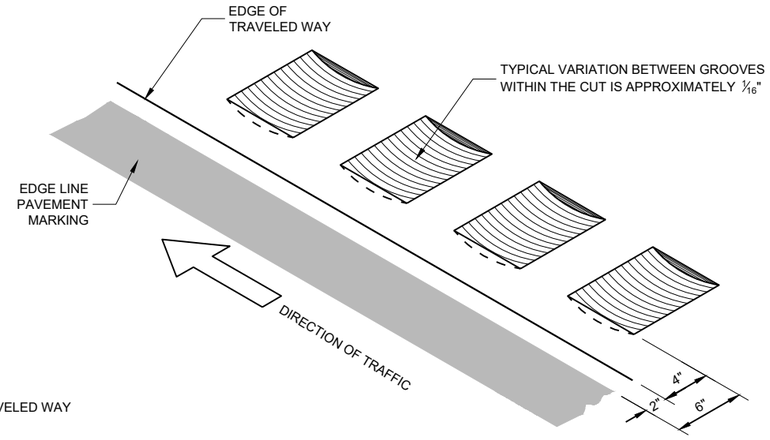


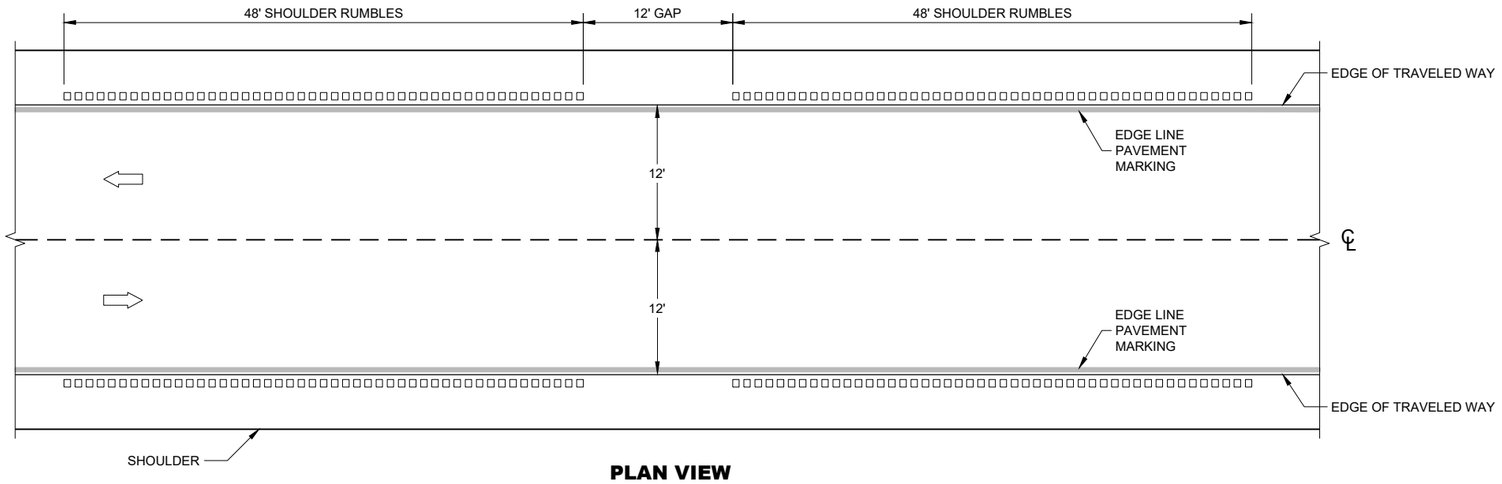
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A10 SHEETS "g" AND "h".

SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.





PLAN VIEW

SHOULDER RUMBLE STRIPS - ASPHALT

SHOULDER RUMBLE STRIPS ASPHALT

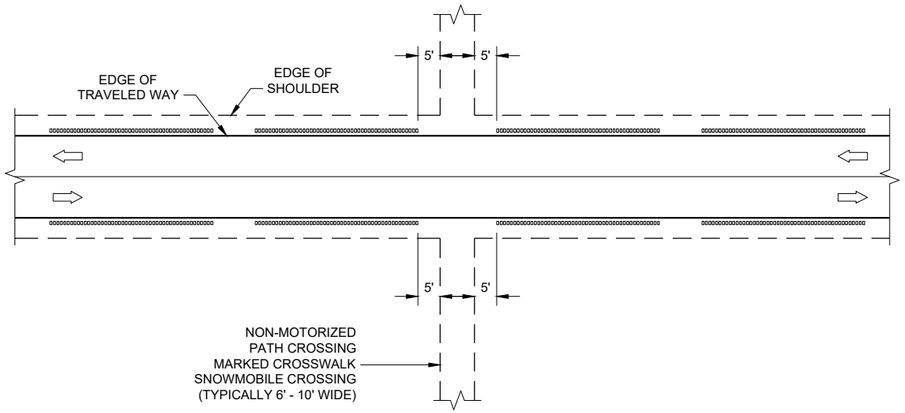
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 274

6

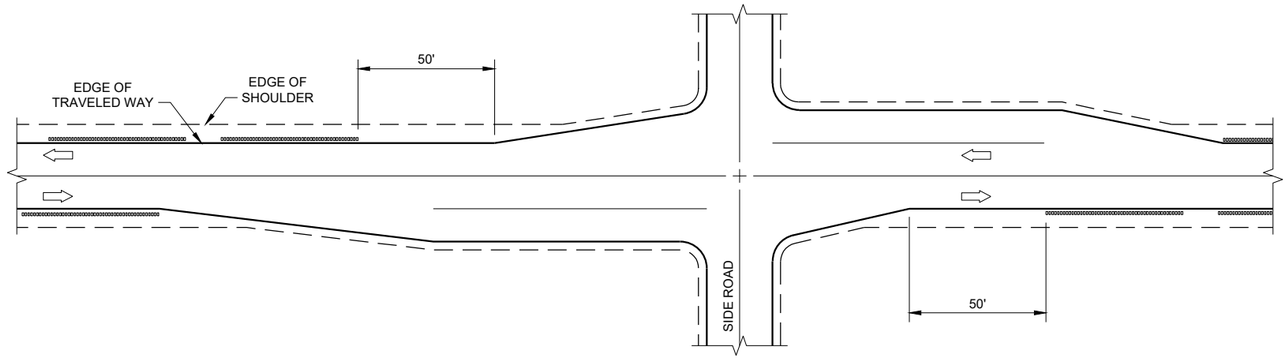
SDD 13A10 - 03a

6

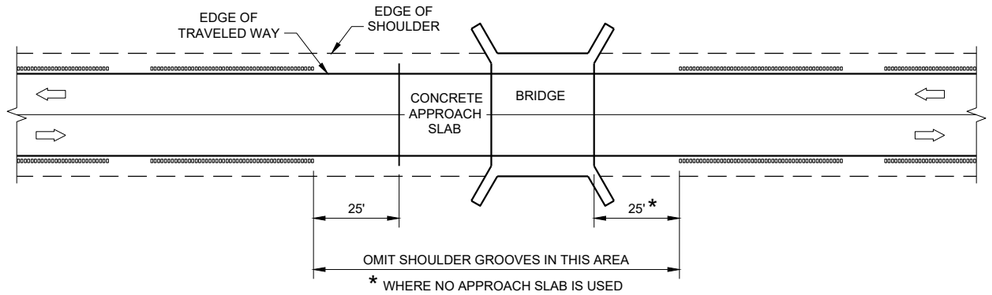
SDD 13A10 - 03a



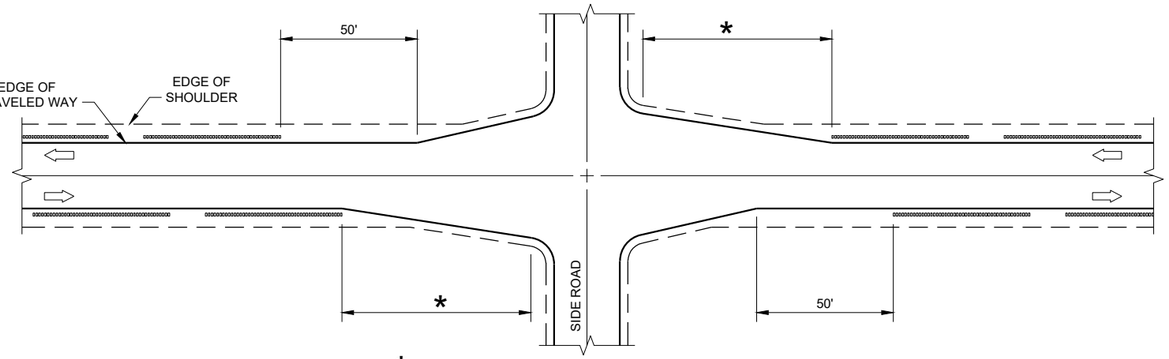
GROOVES AT MISCELLANEOUS CROSSINGS



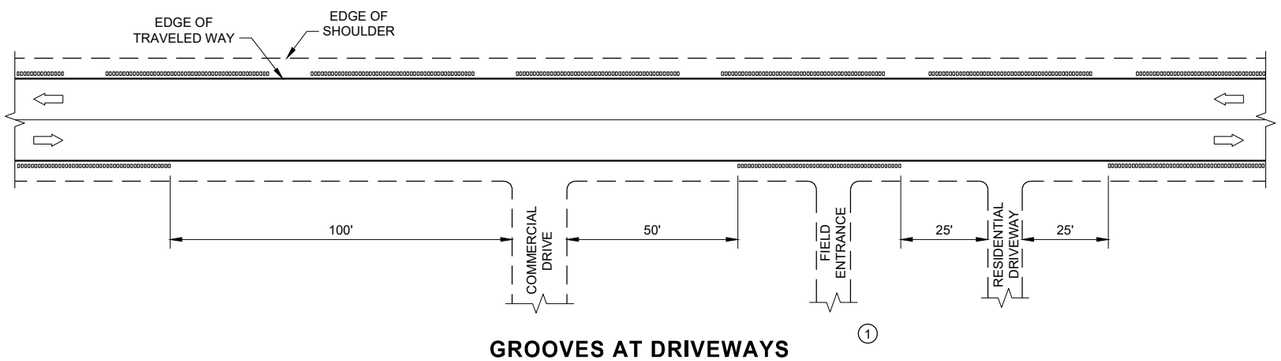
GROOVES AT RIGHT TURN LANE



GROOVES AT BRIDGES



GROOVES AT INTERSECTIONS WITH APPROACH TAPER



GROOVES AT DRIVEWAYS ①

GENERAL NOTES

① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

SHOULDER AND EDGE LINE RUMBLE STRIPS CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

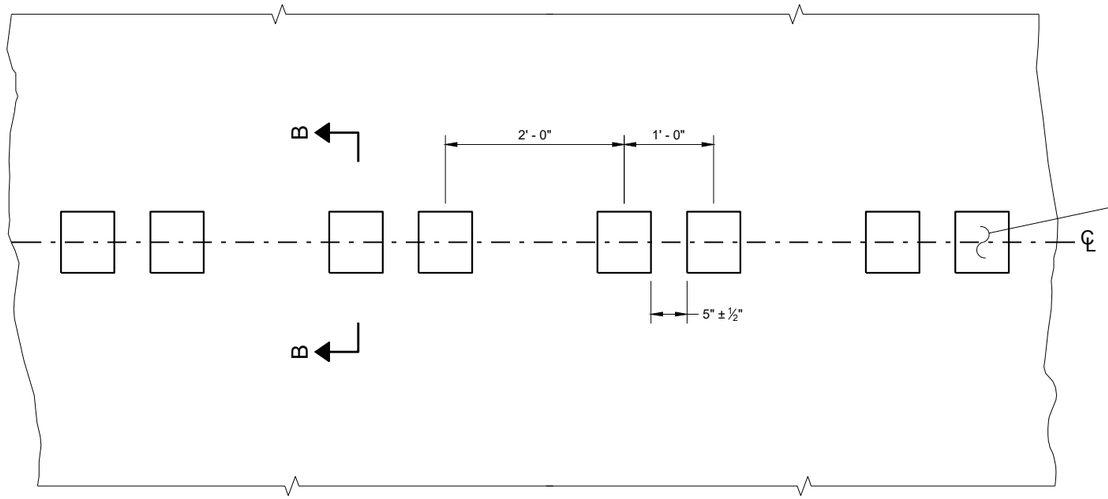
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SDD 13A10 - 03g

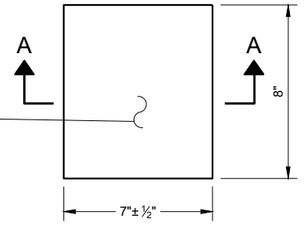
GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A11 SHEETS "d" AND "e".

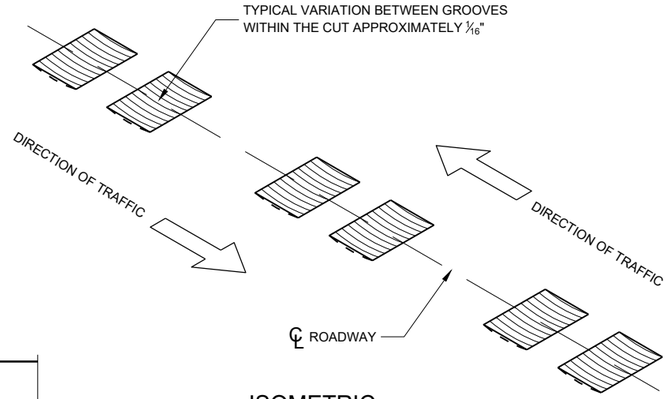
CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



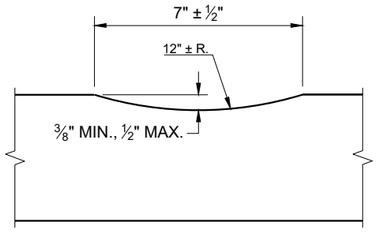
PLAN DETAIL VIEW



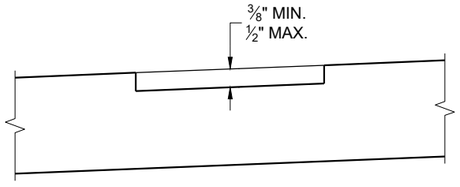
PLAN VIEW
(SINGLE GROOVE)



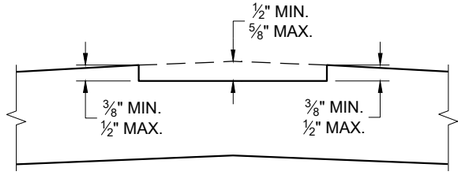
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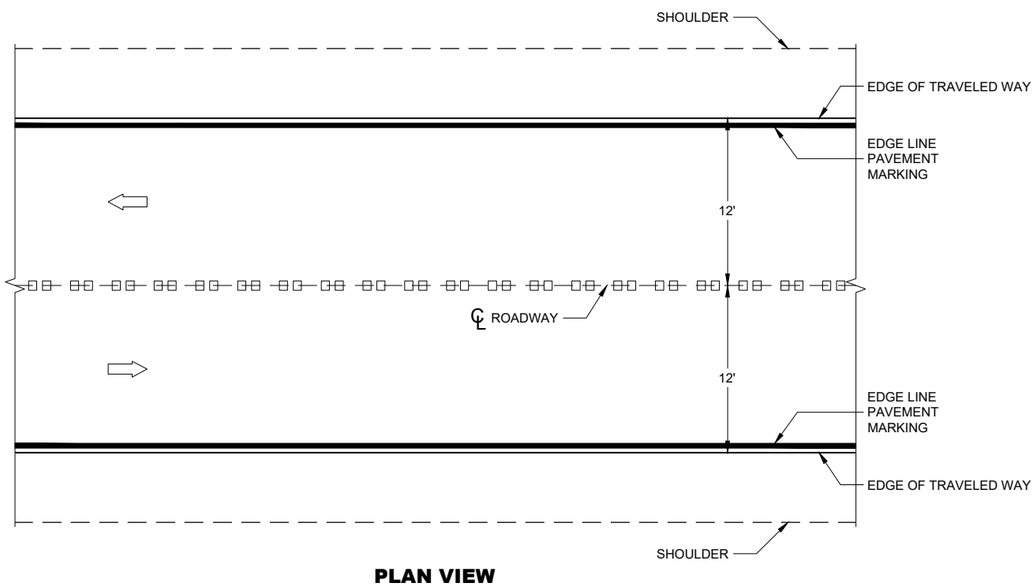
SECTION A - A



SECTION B - B
SUPERELEVATED ROADWAY



SECTION B - B
CROWNED ROADWAY



PLAN VIEW

CENTERLINE RUMBLE STRIPS - ASPHALT

6

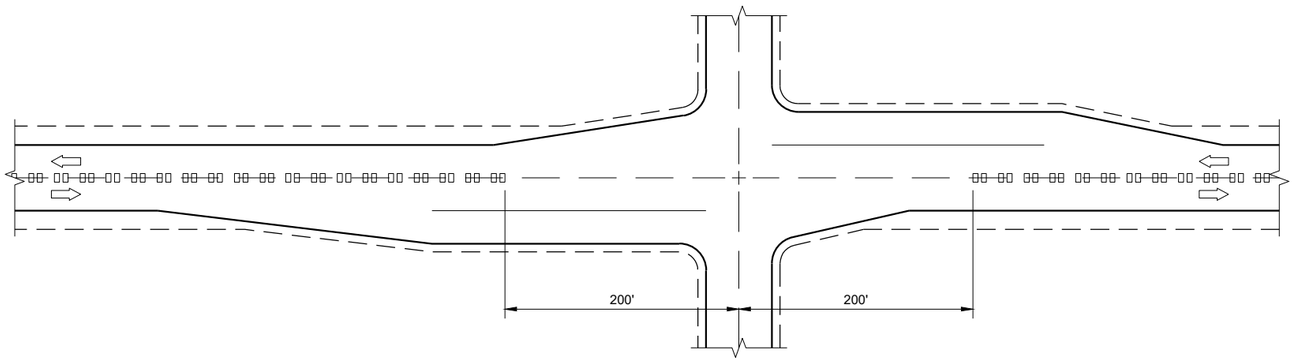
SDD 13A11 - 04a

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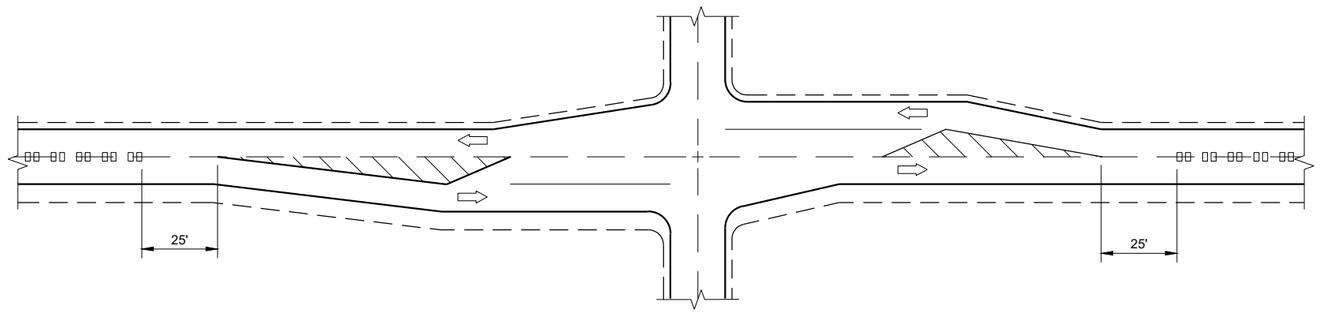
SDD 13A11 - 04a

CENTERLINE RUMBLE STRIPS - ASPHALT

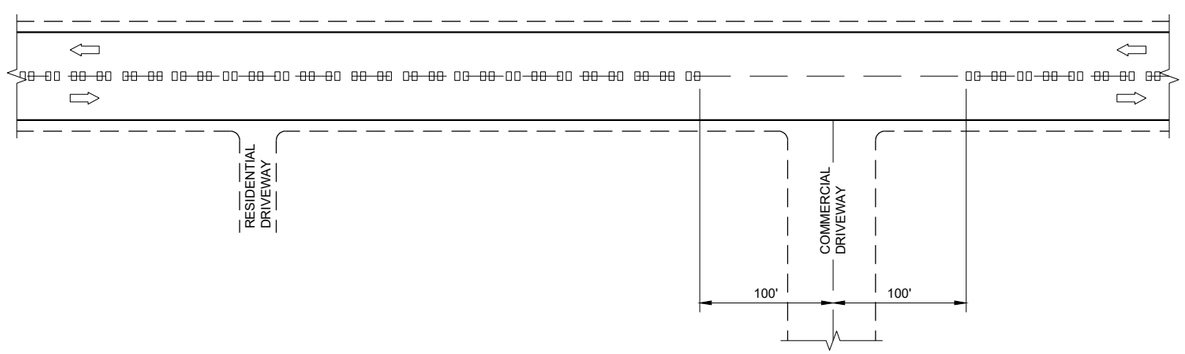
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CENTERLINE GROOVES AT INTERSECTIONS



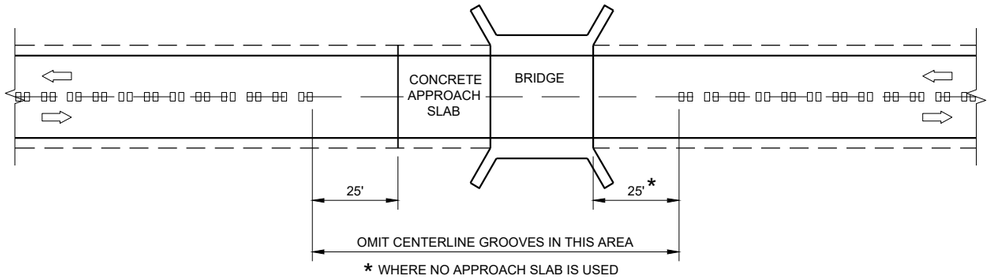
CENTERLINE GROOVES AT INTERSECTIONS (WITH LEFT TURN LANES)



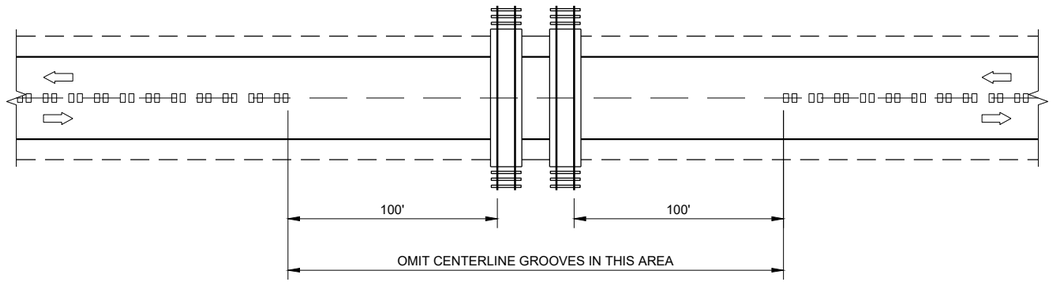
CENTERLINE GROOVES AT DRIVEWAYS (1)

GENERAL NOTES

(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



CENTERLINE GROOVES AT BRIDGES



CENTERLINE GROOVES AT RAILROADS

CENTER LINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAIL ROADS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ John Jenkins — ROADWAY STANDARDS DEVE ENGINEER

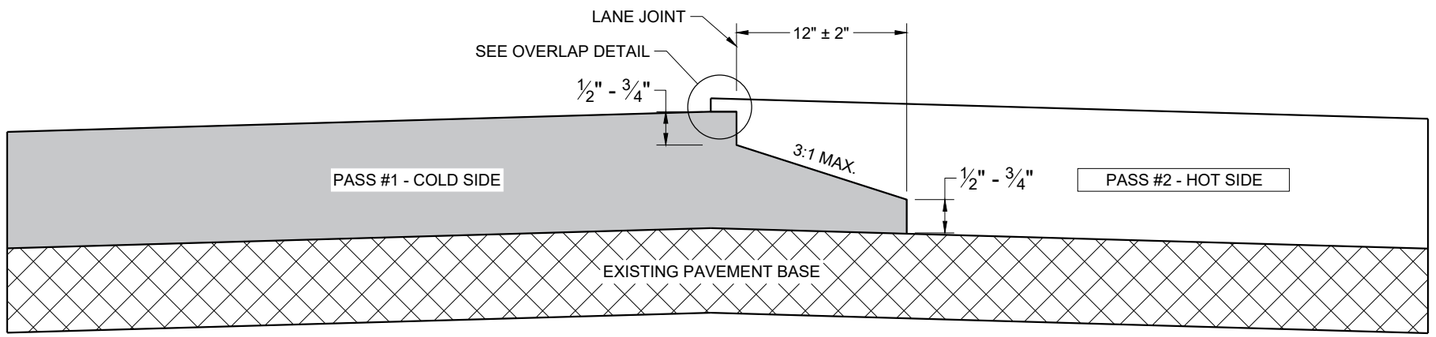
FHWA

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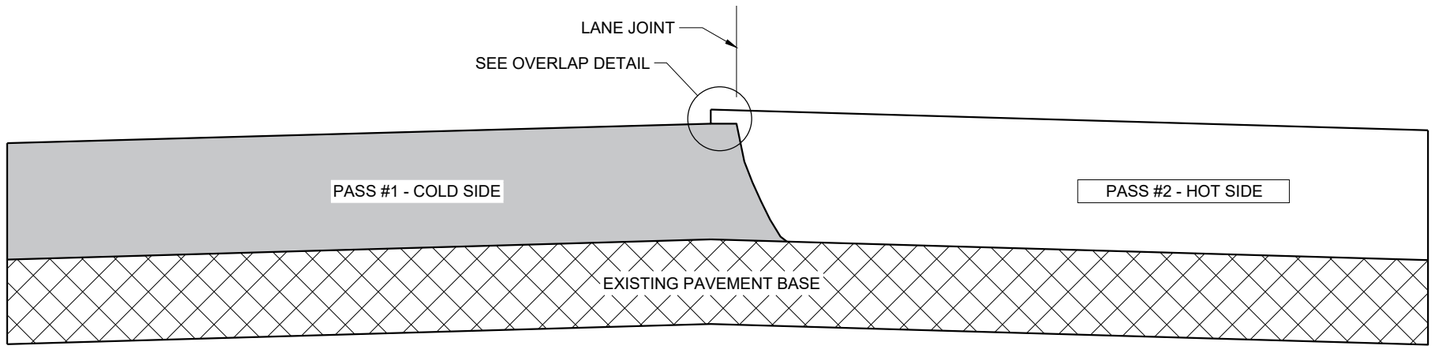
SDD 13A11 - 04d

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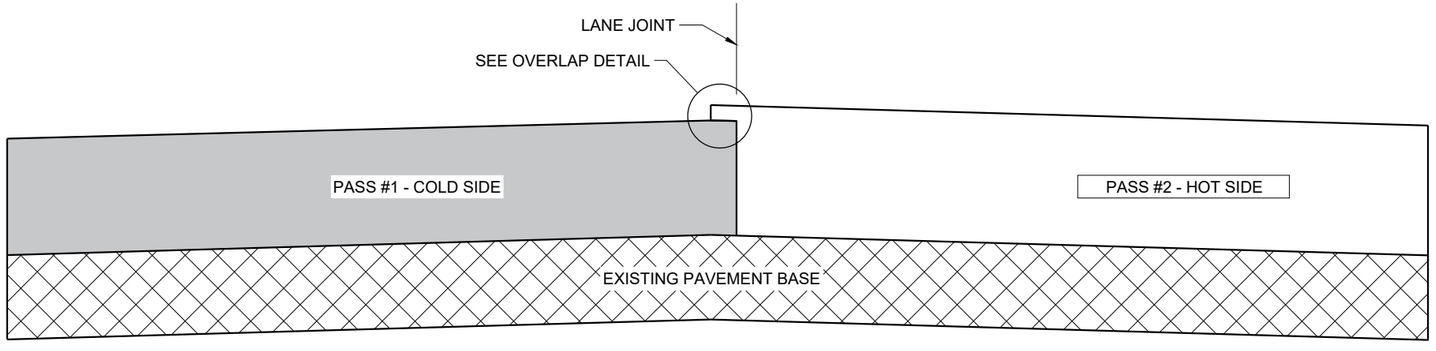
SDD 13A11 - 04d



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

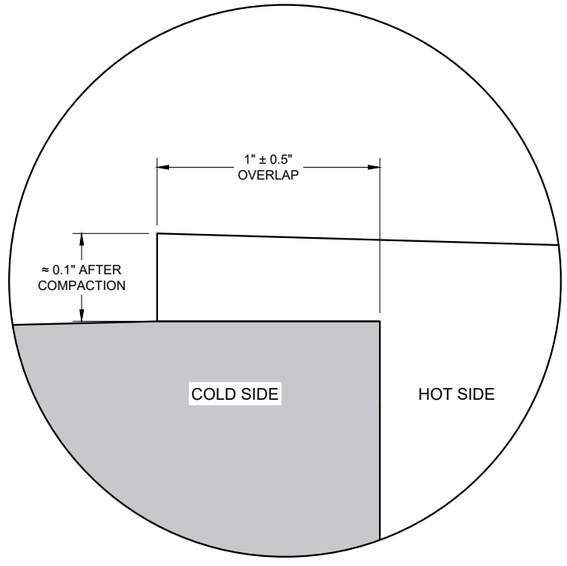
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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

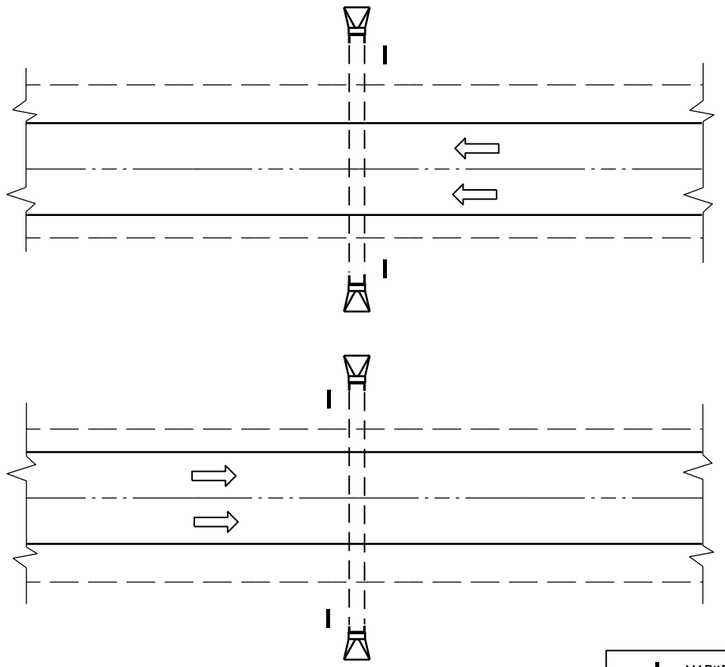
APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA

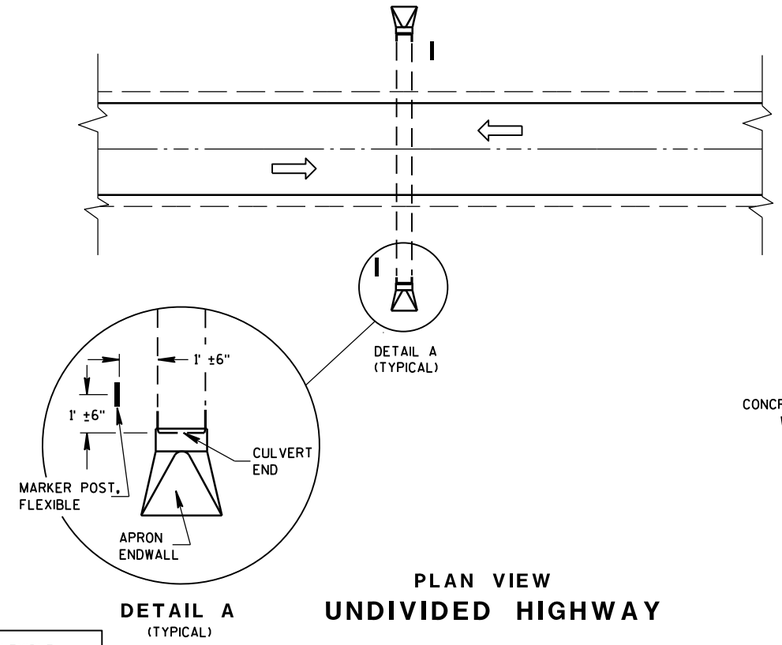
GENERAL NOTES

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

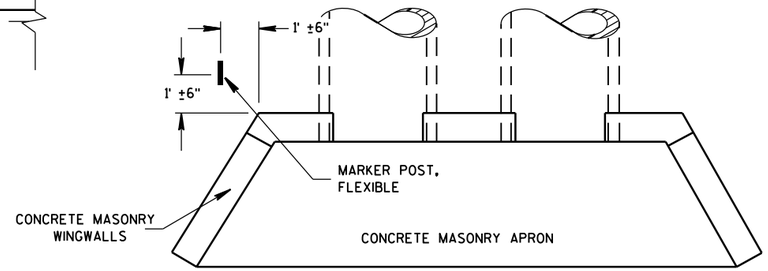
DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

UNDIVIDED HIGHWAY



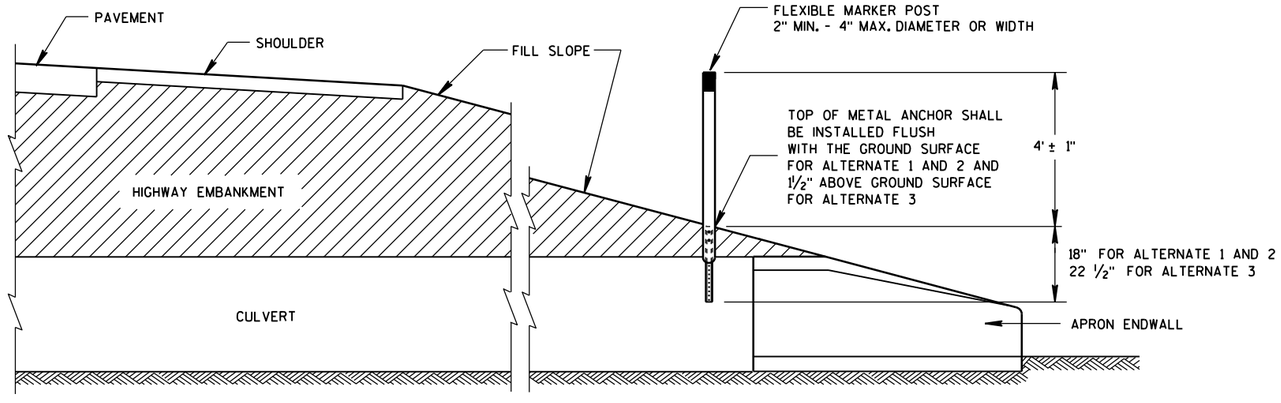
PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

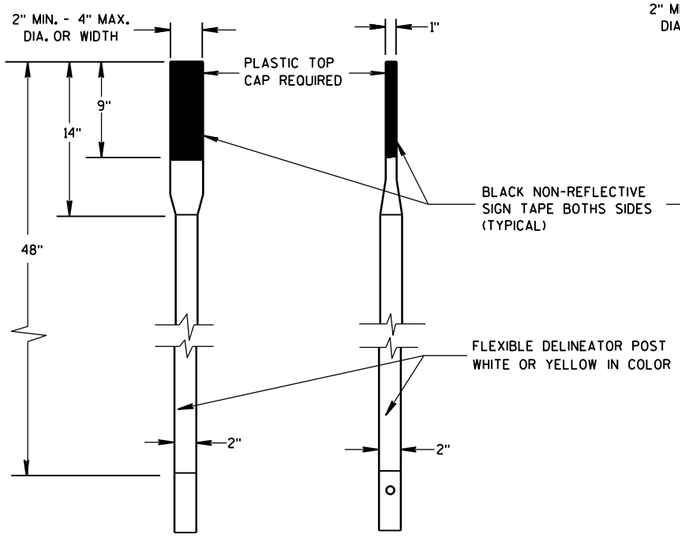
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

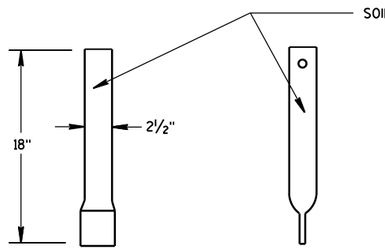
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S.D.D. 15 A 3-2a

6

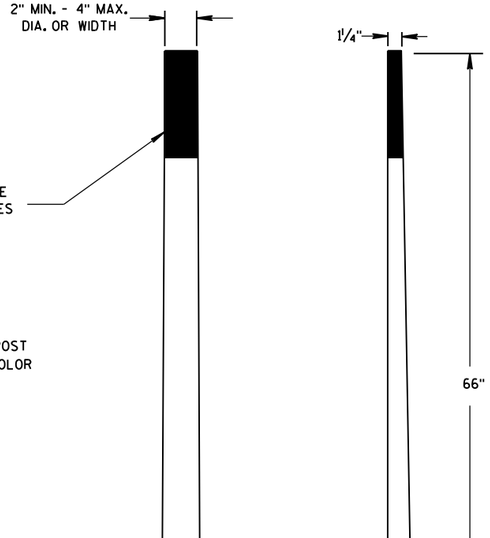
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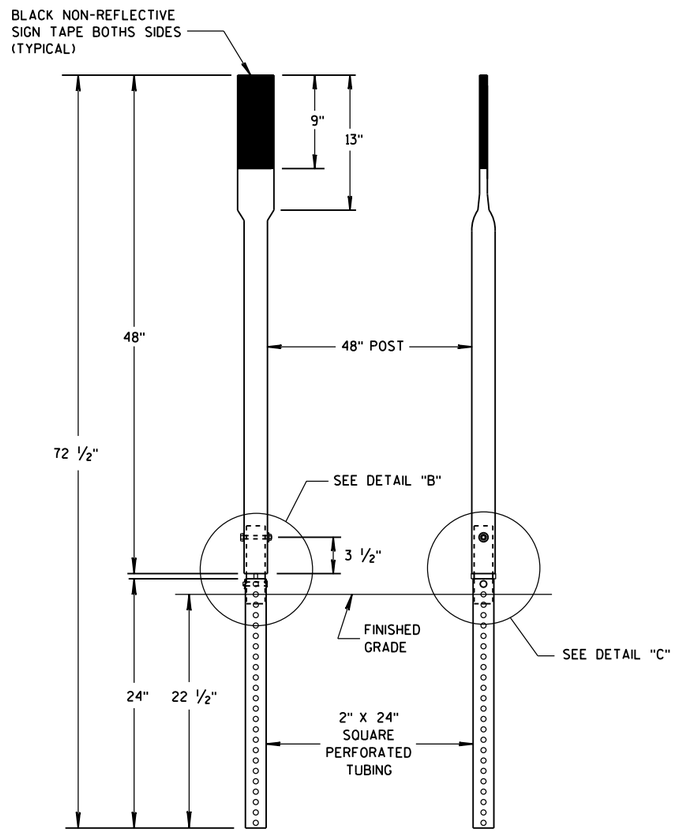
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

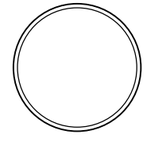
ALTERNATE 2



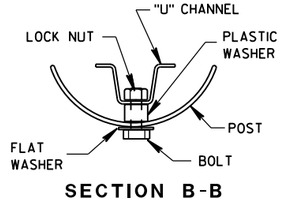
FRONT VIEW SIDE VIEW

ALTERNATE 3

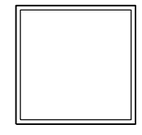
FLEXIBLE MARKER POSTS



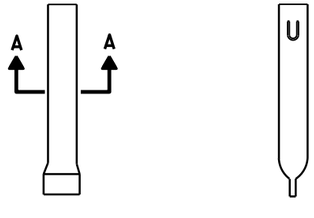
SECTION A-A



SECTION B-B

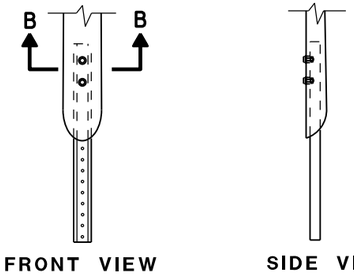


SECTION C-C



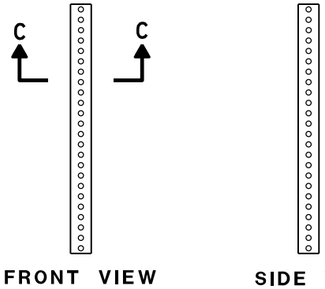
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

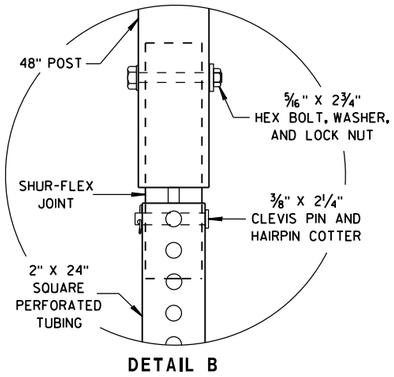
ALTERNATE 2



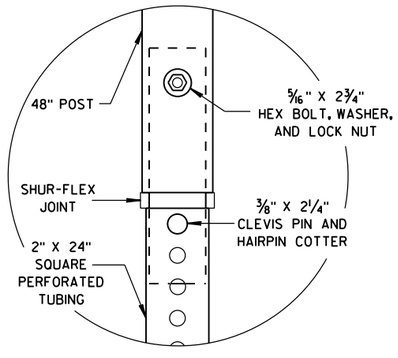
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

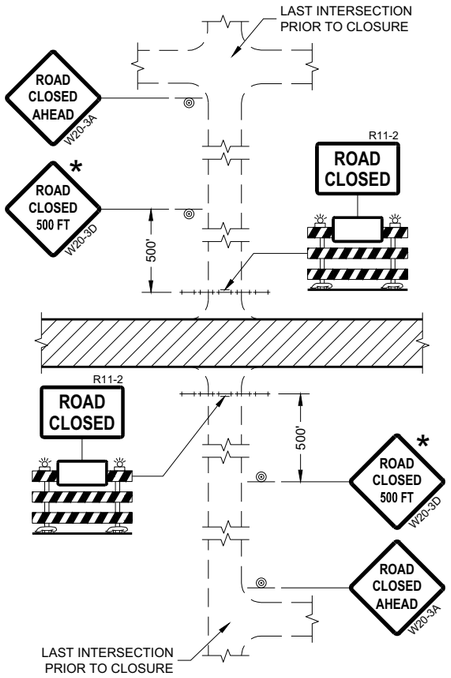
APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
280
IGN
FHWA

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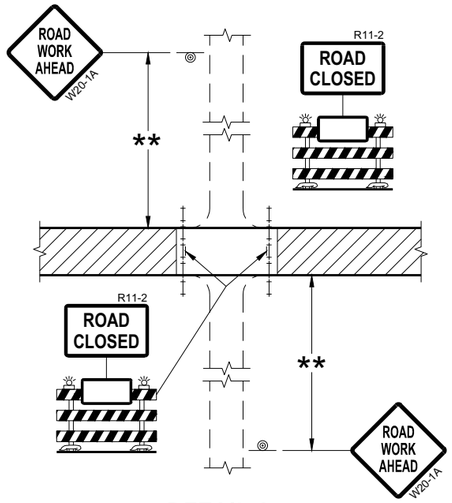
S.D.D. 15 A 3-2b

6

S.D.D. 15 A 3-2b



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.

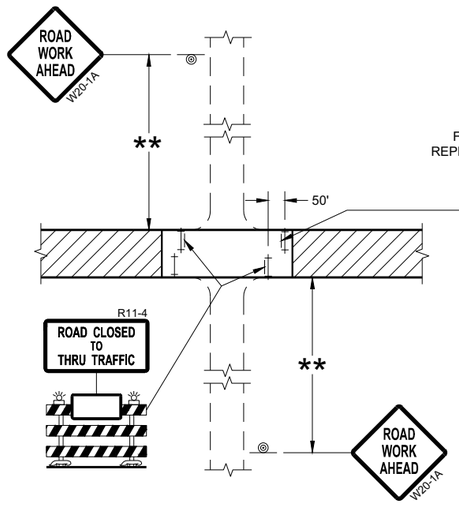
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

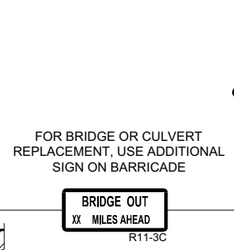
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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".

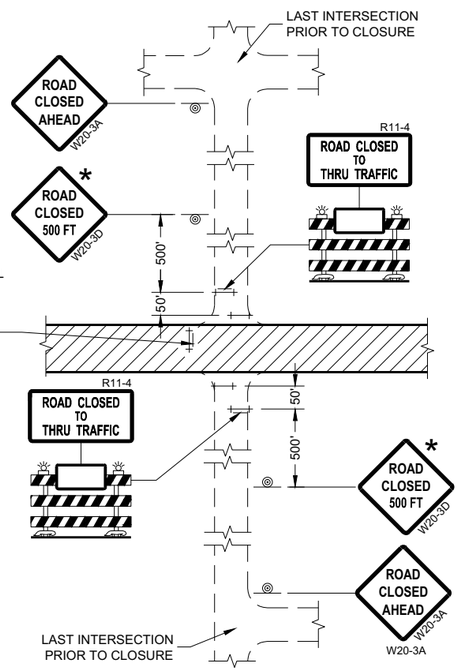
* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 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

SDD 15C03 - 05

GENERAL NOTES

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

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.

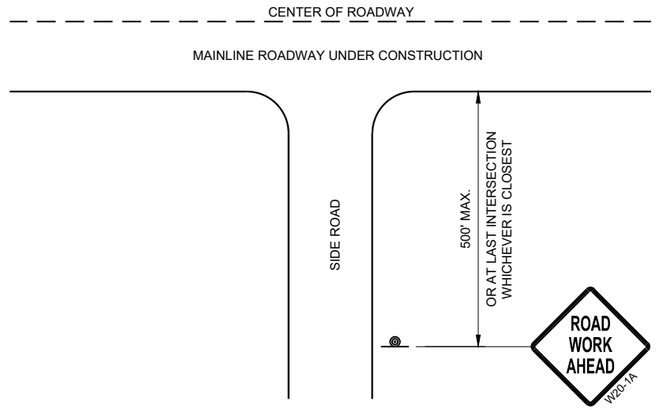
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



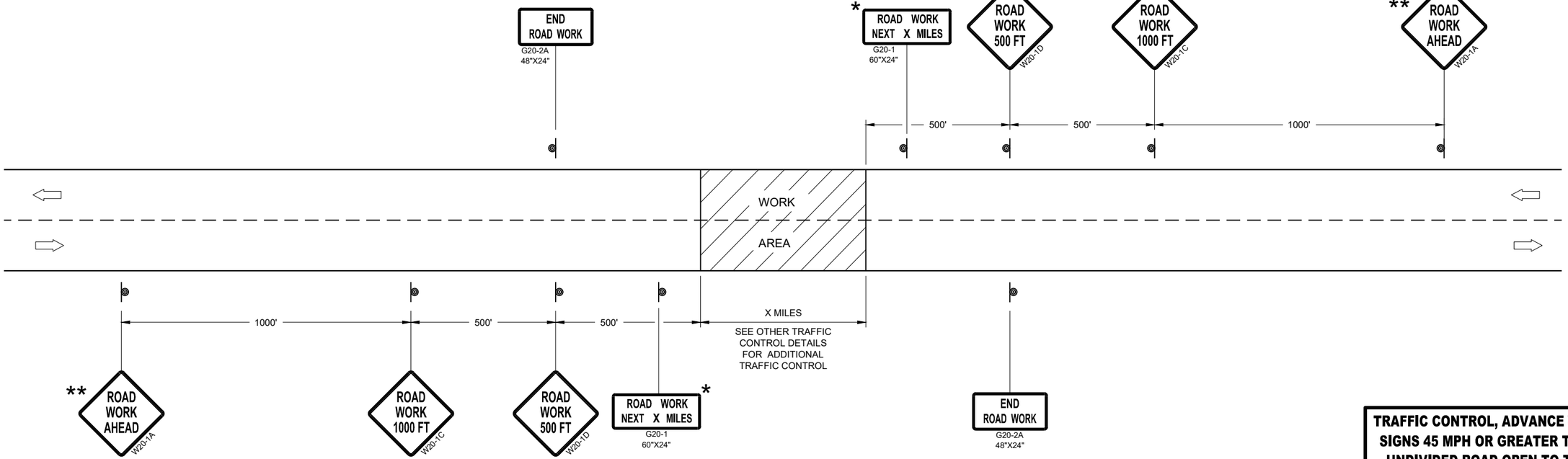
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C04 - 05

GENERAL NOTES

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

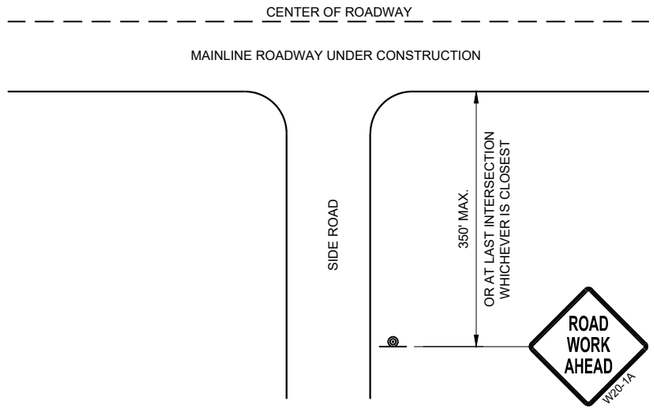
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



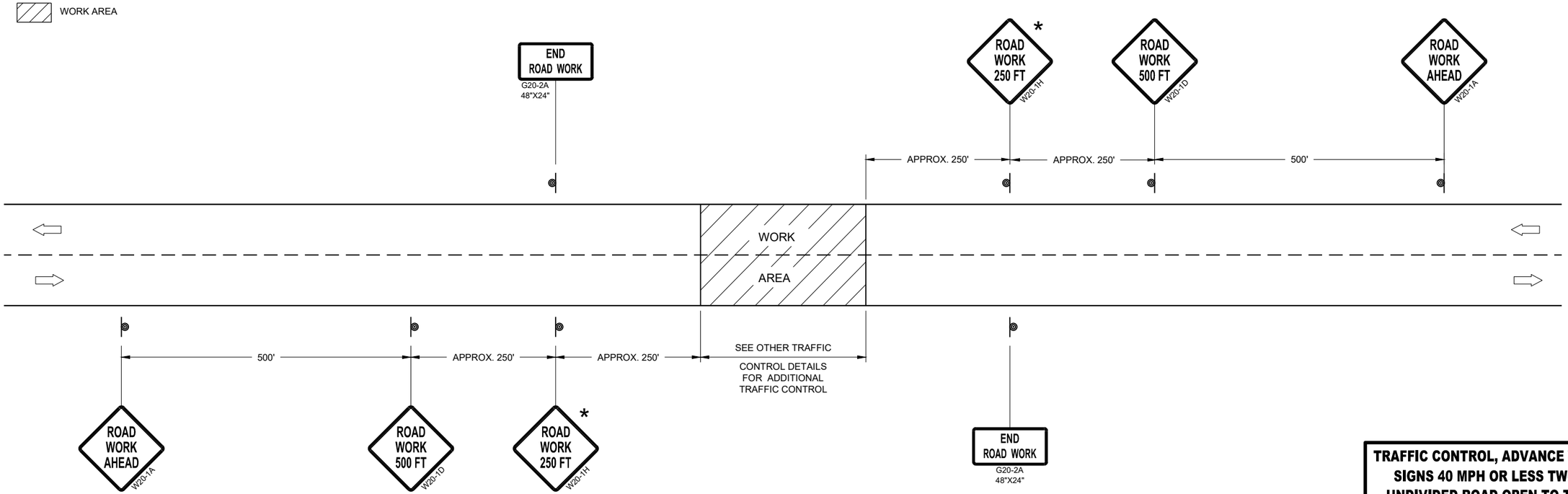
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

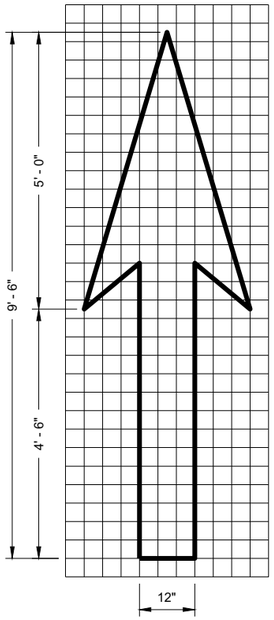
FHWA

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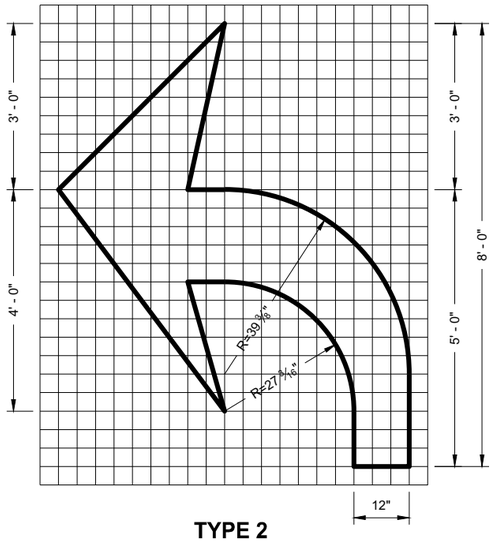
SDD 15C05 - 05

GENERAL NOTES

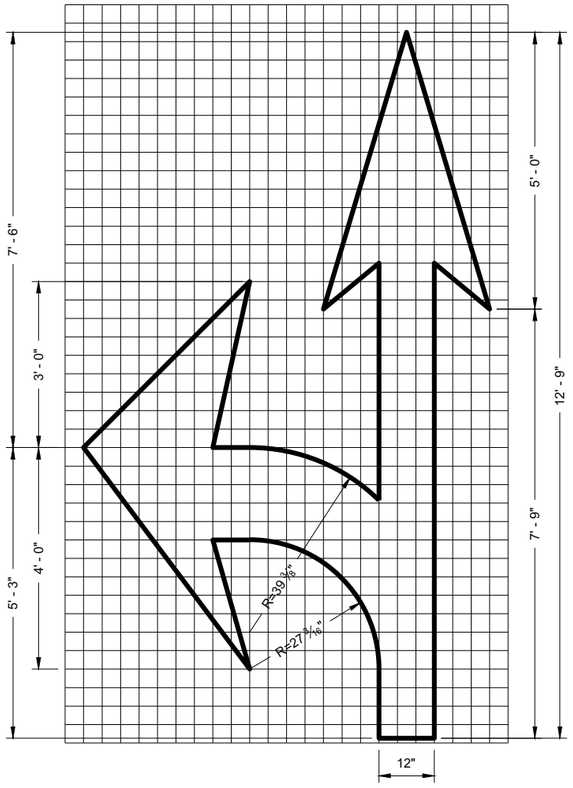
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



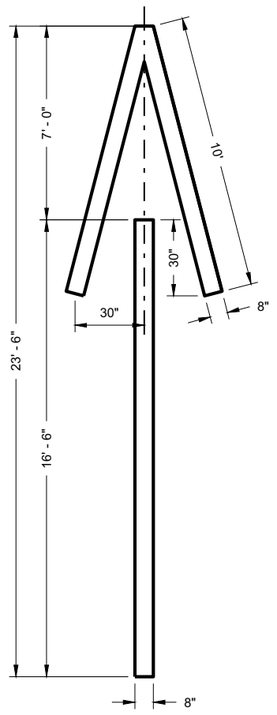
TYPE 1



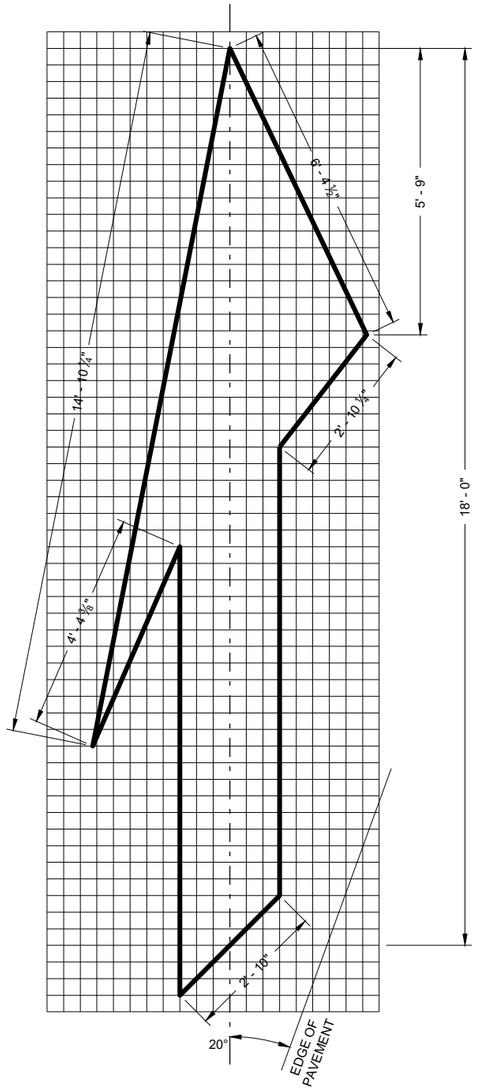
TYPE 2



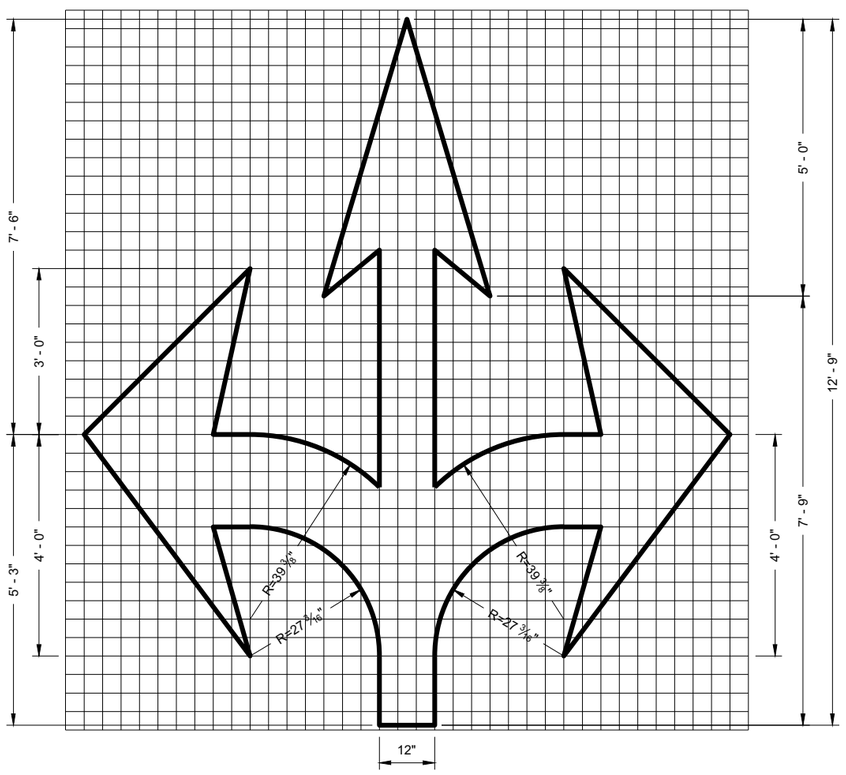
TYPE 3



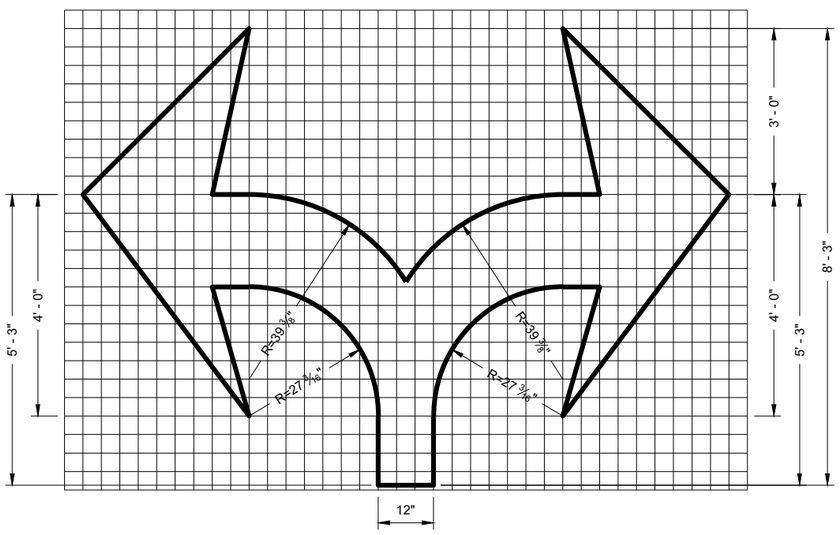
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

FHWA

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SDD 15C07 - 15c

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SDD 15C07 - 15c

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.

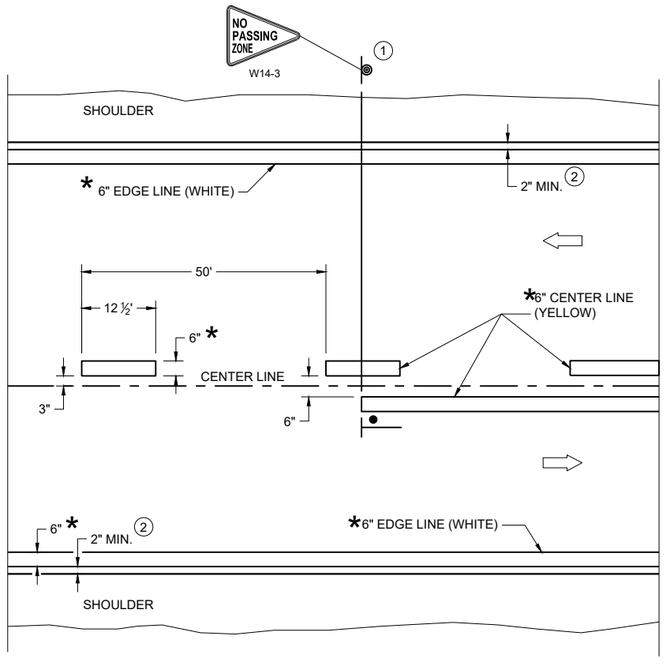
LEGEND

"T" MARKING

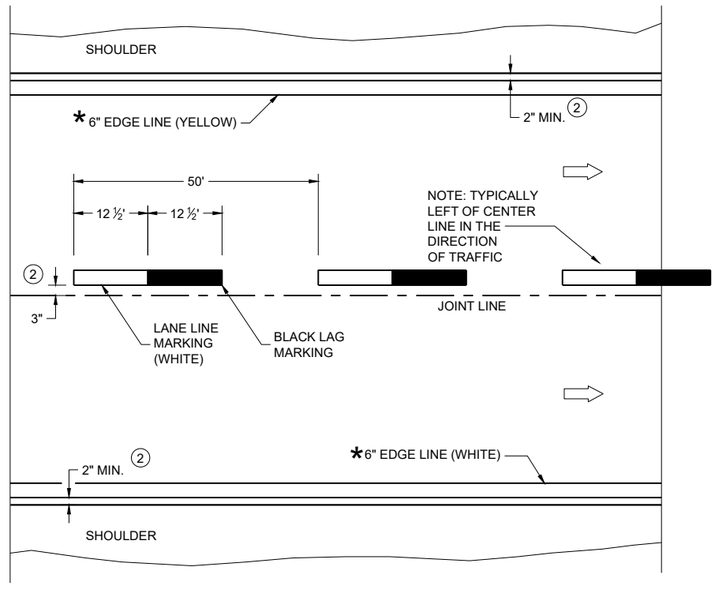
SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

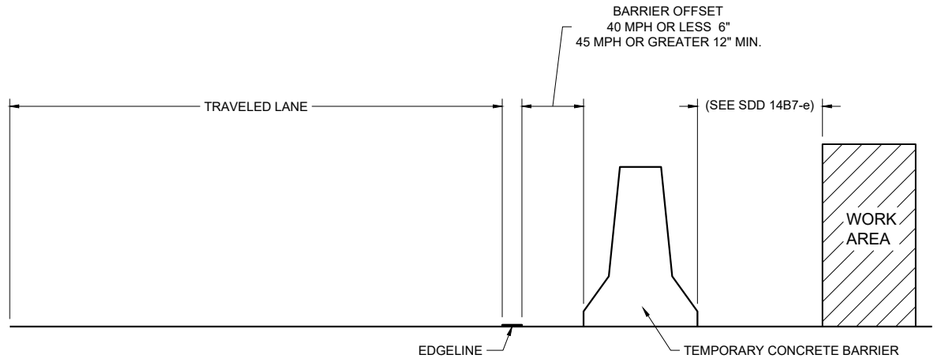
APPROVED
May 2023 — DATE
/S/ Jeannie Silver — Statewide Pavement Marking Engineer
FHWA

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SDD 15C08-23a

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SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

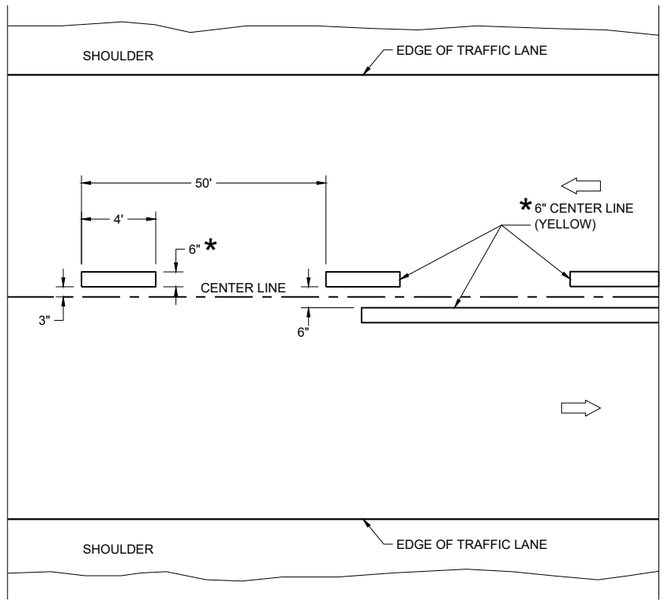
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

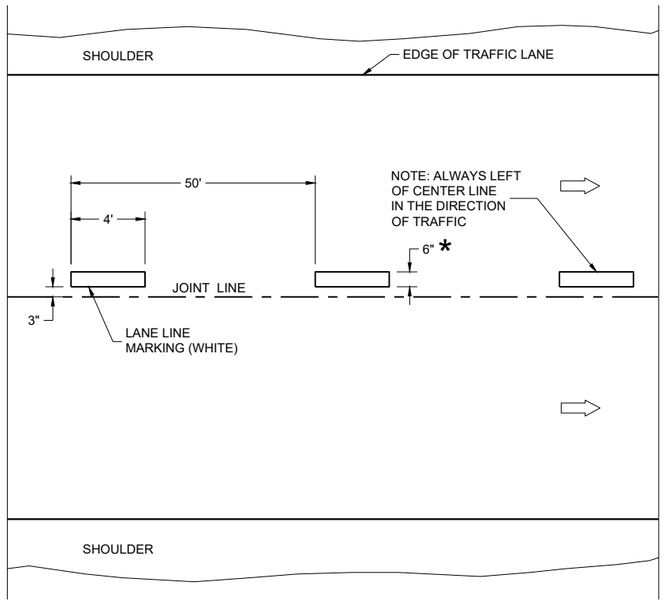
LEGEND

DIRECTION OF TRAFFIC

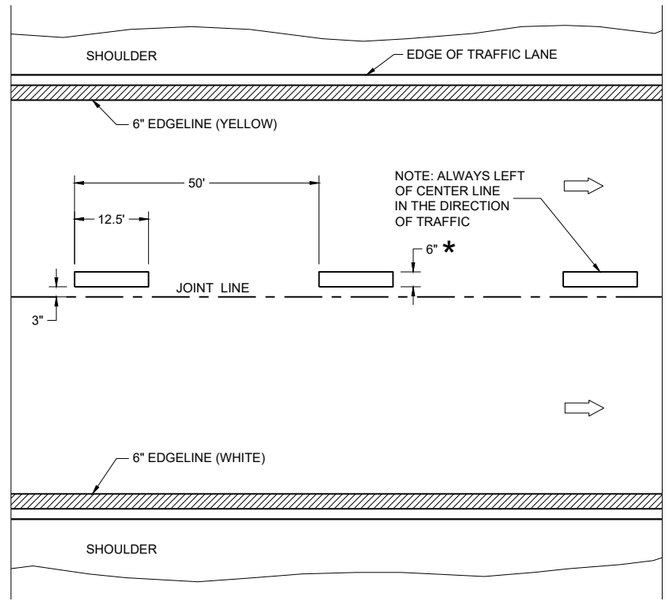
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

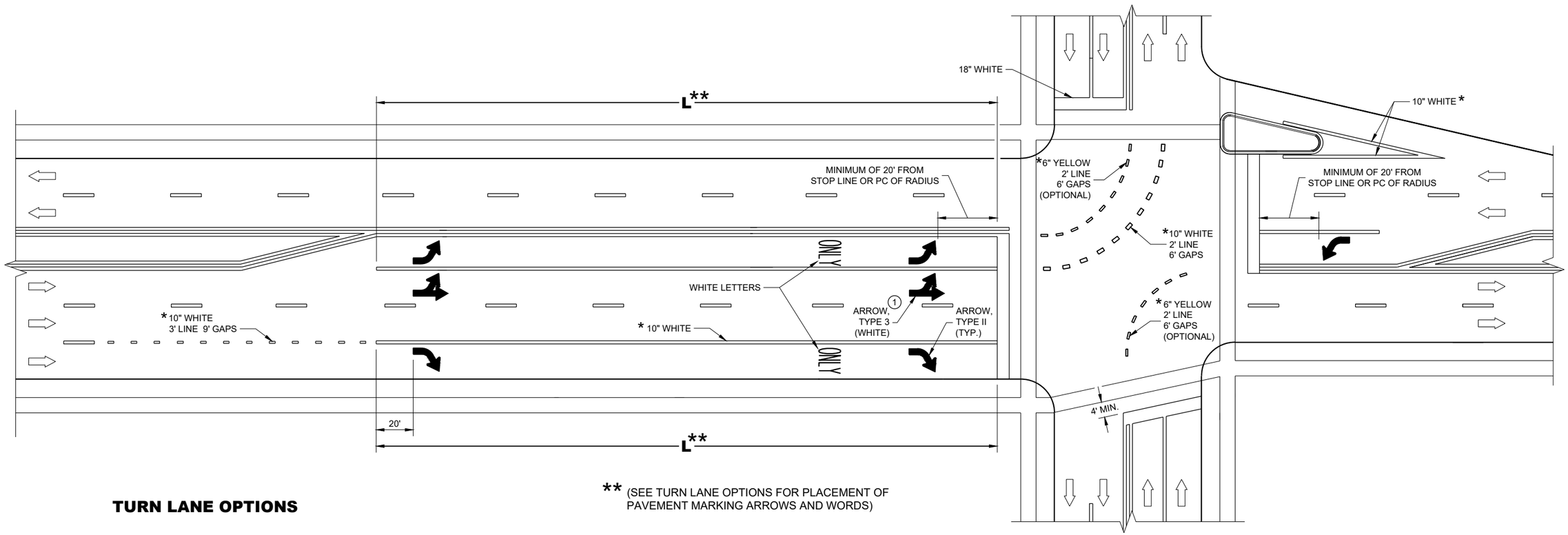
TEMPORARY LONGITUDINAL PAVEMENT MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2023 DATE	/S/ Jeannie Silver Statewide Pavement Marking Engineer
FHWA	

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SDD 15C08-23b

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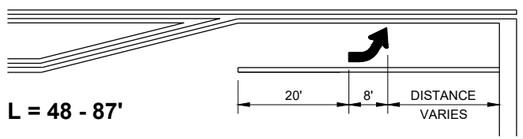
SDD 15C08-23b



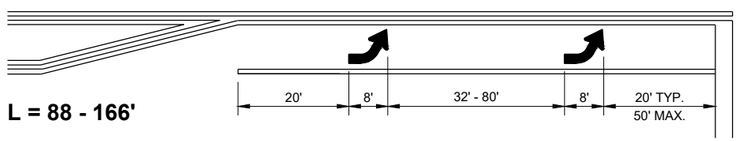
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

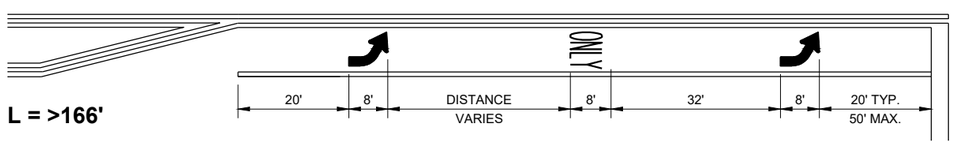
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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

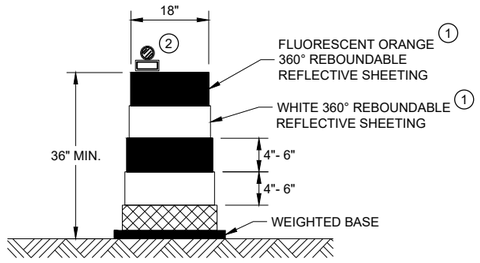
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SDD 15C08-23d

SDD 15C08-23d

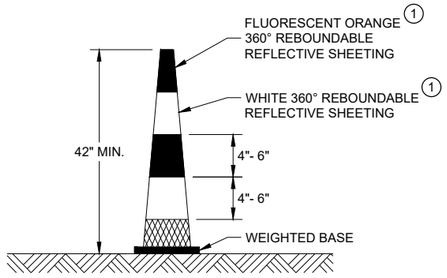
GENERAL NOTES

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

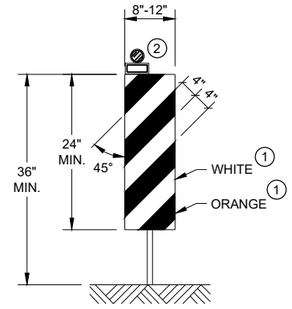
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

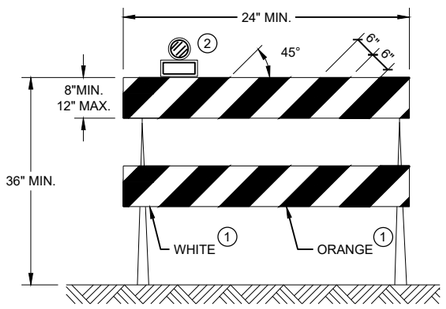
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



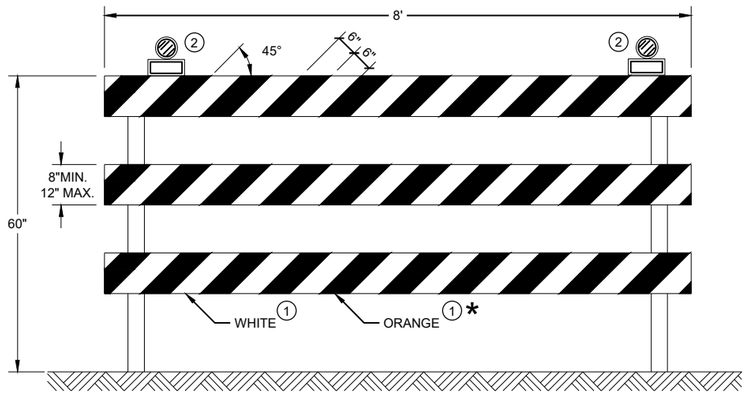
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL 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
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C11 - 10b

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SDD 15C11 - 10b

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.

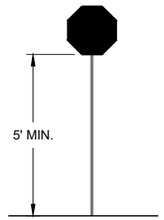
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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

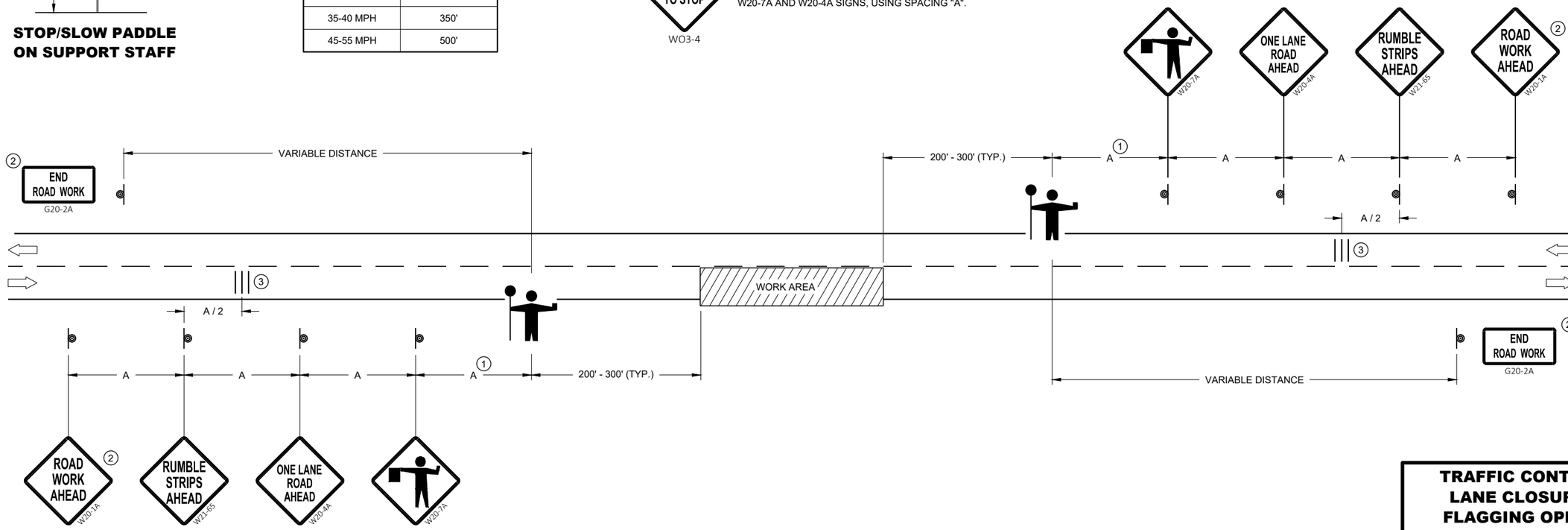
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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 ENGINEE

FHWA

6

SDD 15C12 - 09a

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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

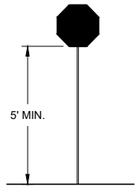
UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

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.

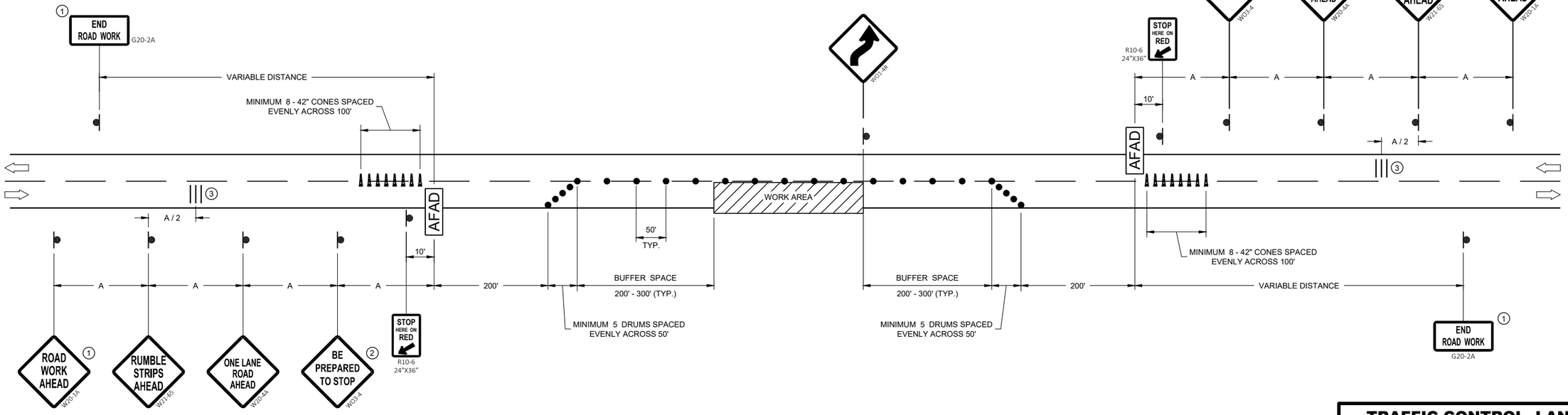
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSELY AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.



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

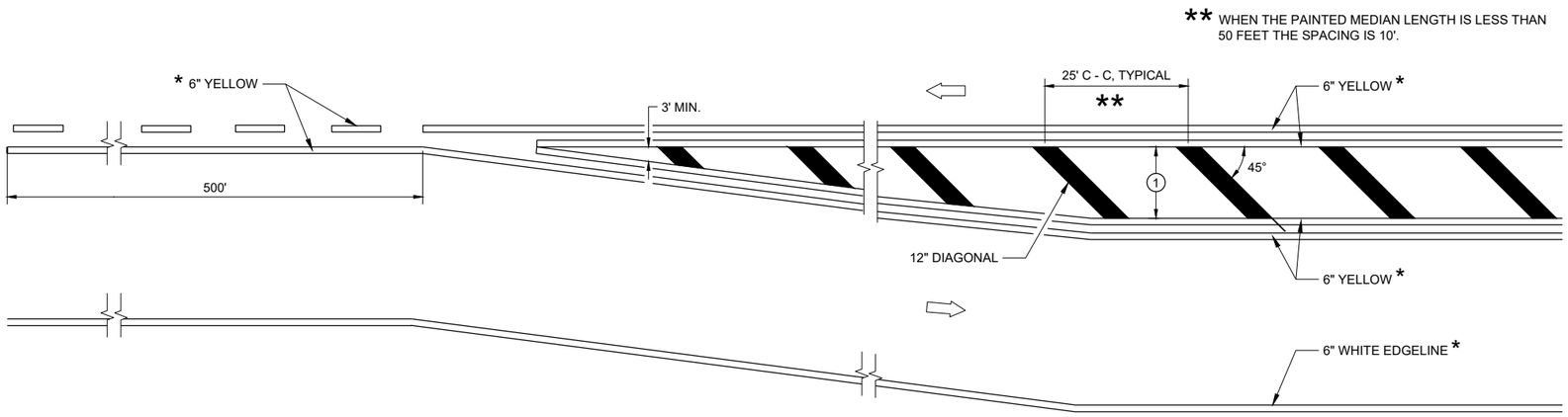
APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

SDD 15C12 - 09b

SDD 15C12 - 09b



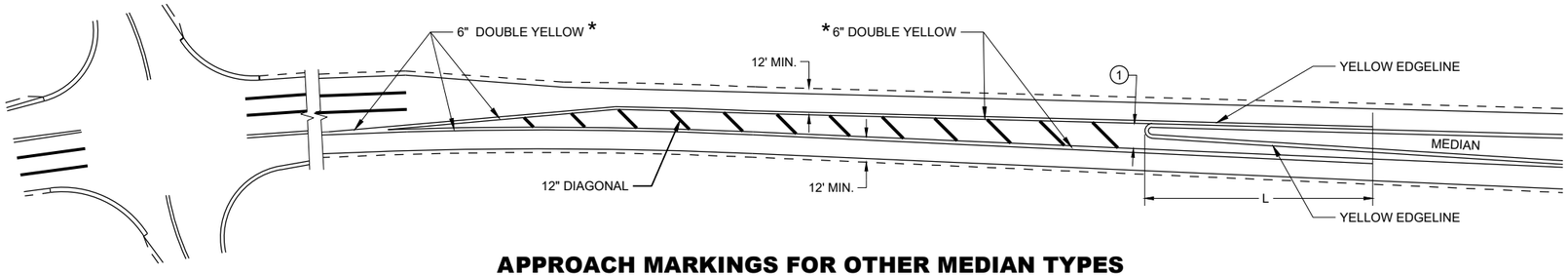
MEDIAN ISLAND DETAIL

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.

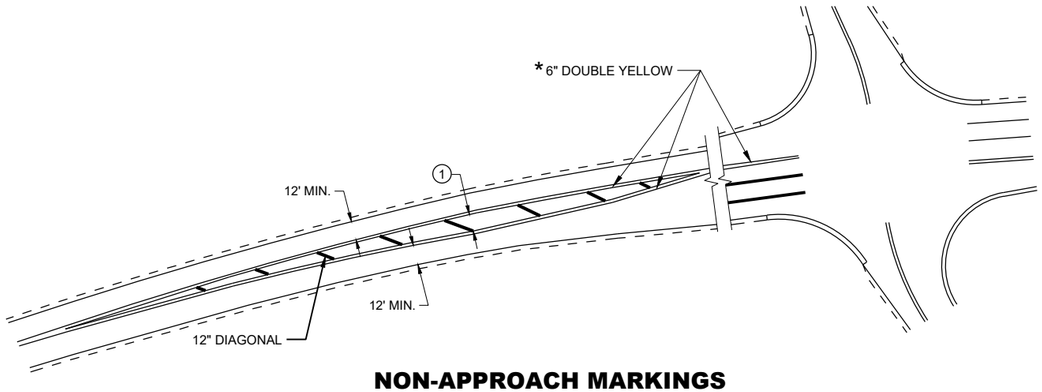
DIRECTION OF TRAVEL

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



APPROACH MARKINGS FOR OTHER MEDIAN TYPES

SPEED LIMIT	L
<35 MPH	5'
35> MPH	50'



NON-APPROACH MARKINGS

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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SDD 15C18-08a

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 UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

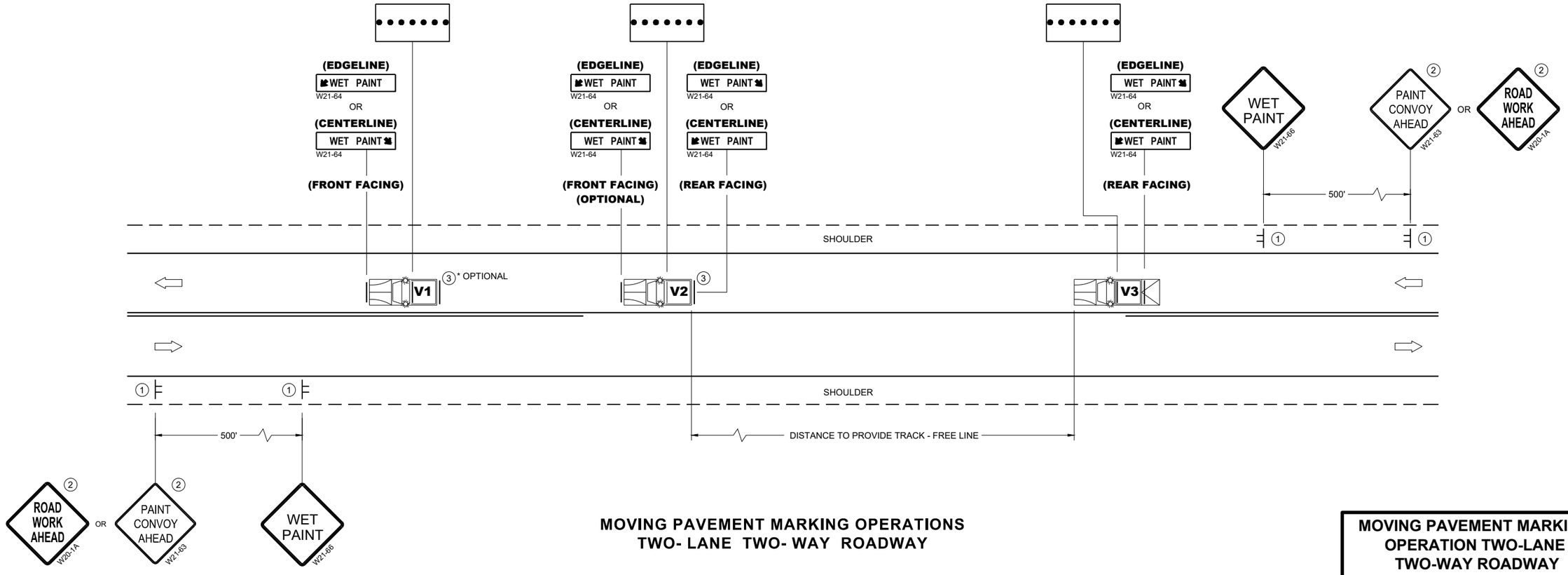
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

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

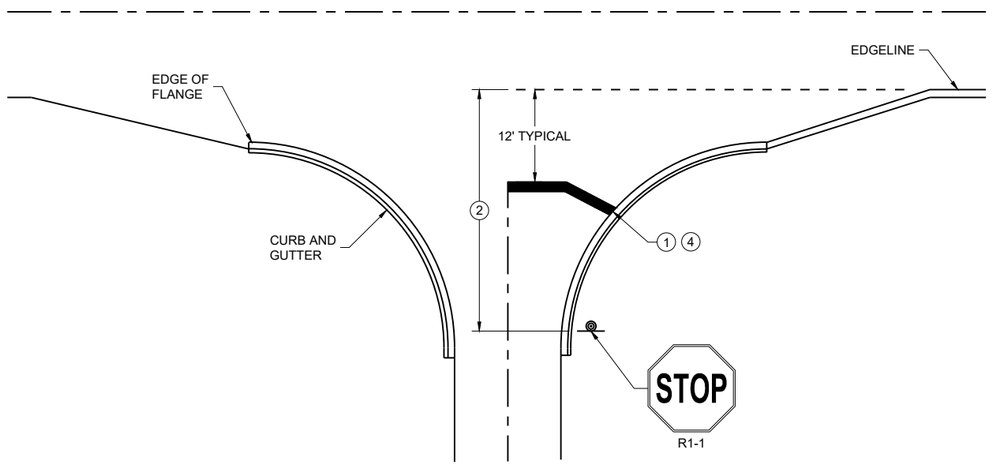
APPROVED
March 2024
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER
FHWA

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SDD 15C19-9a

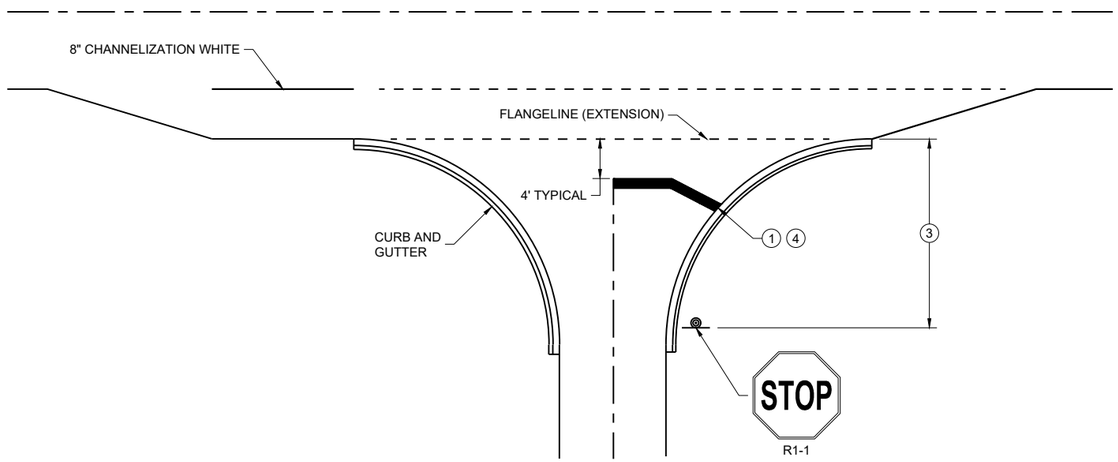
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

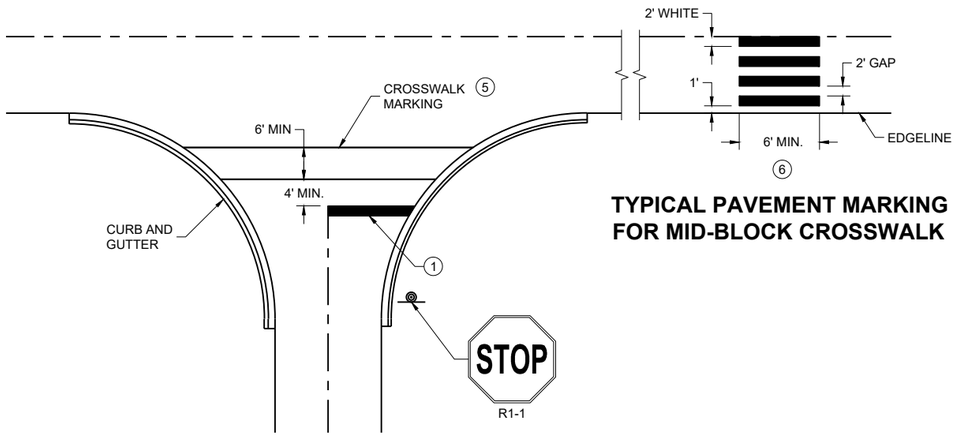
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

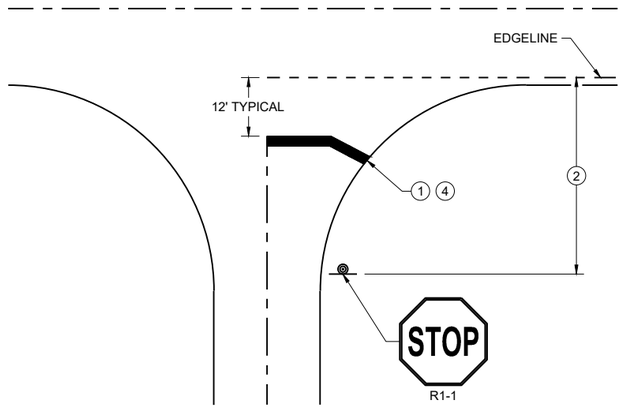


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



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

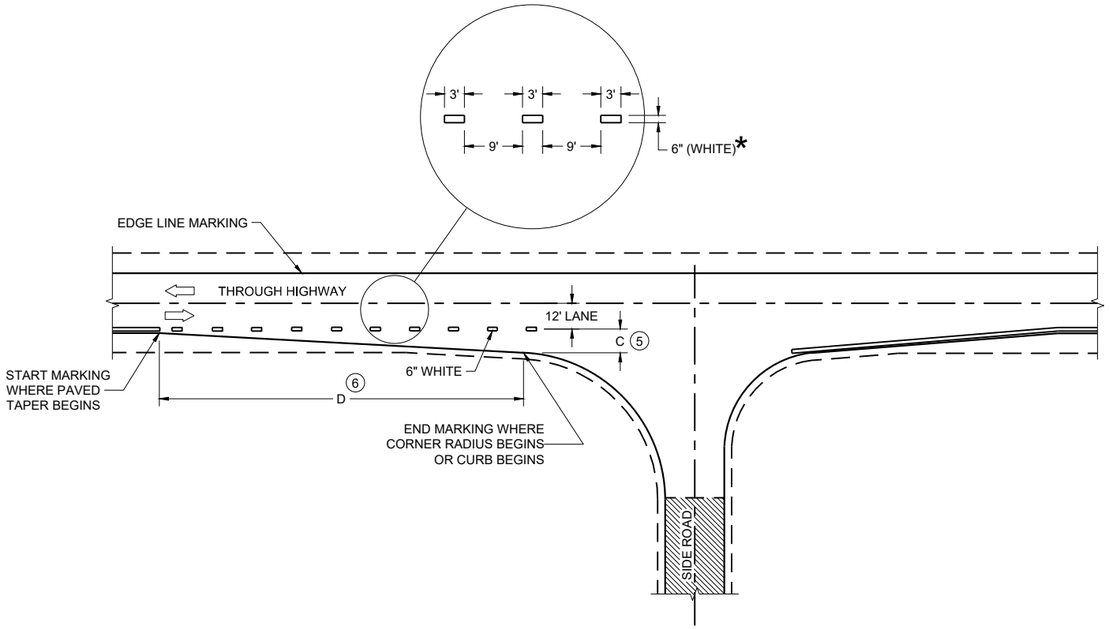
March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

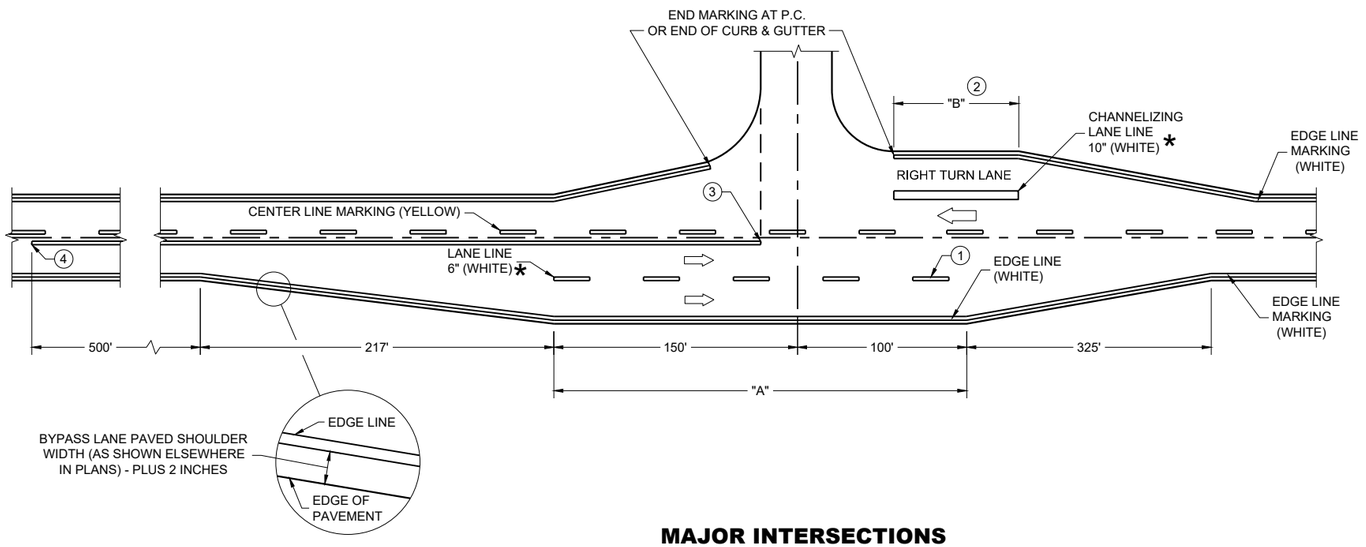
FHWA

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SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

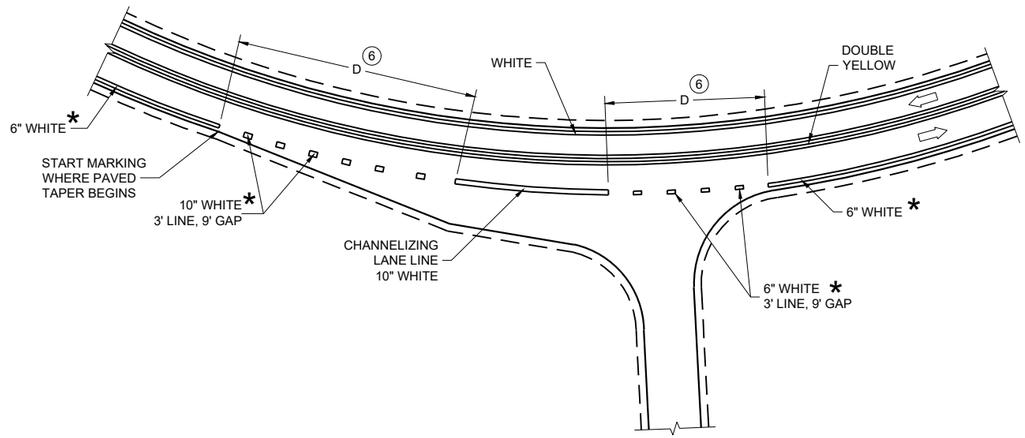
GENERAL NOTES

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

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.

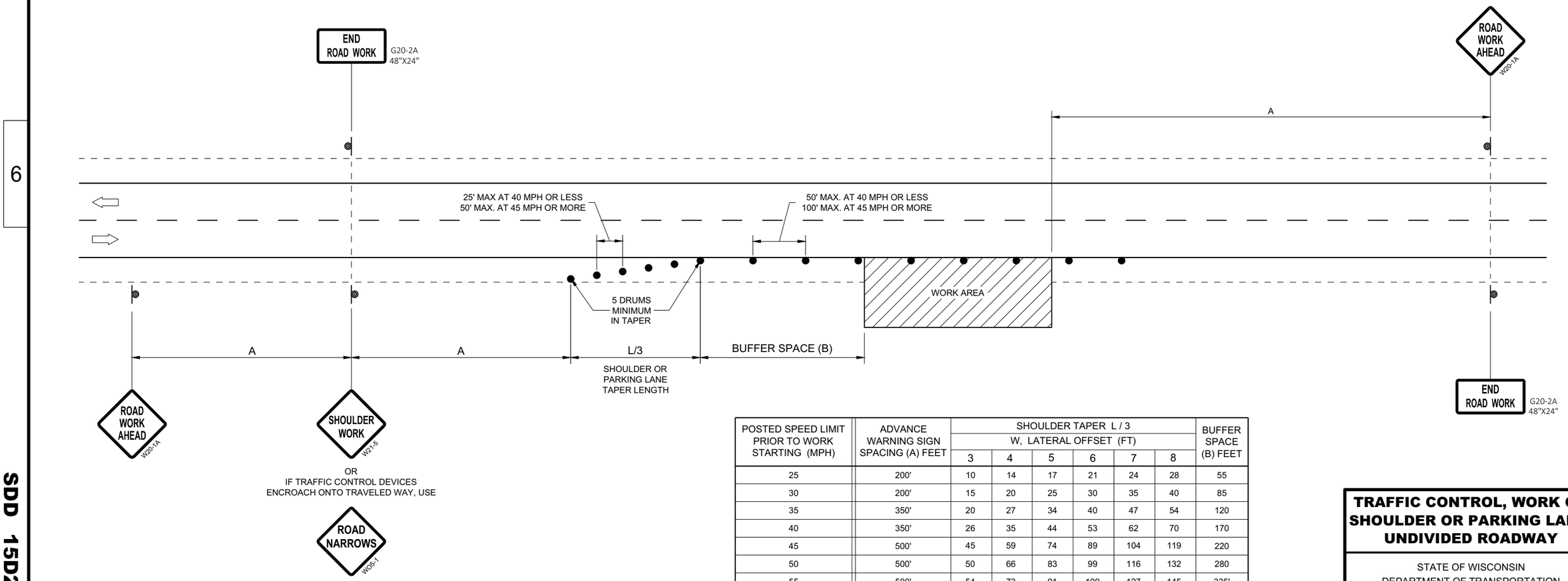
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



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	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

FHWA

SDD 15D28 - 04

SDD 15D28 - 04

GENERAL NOTES

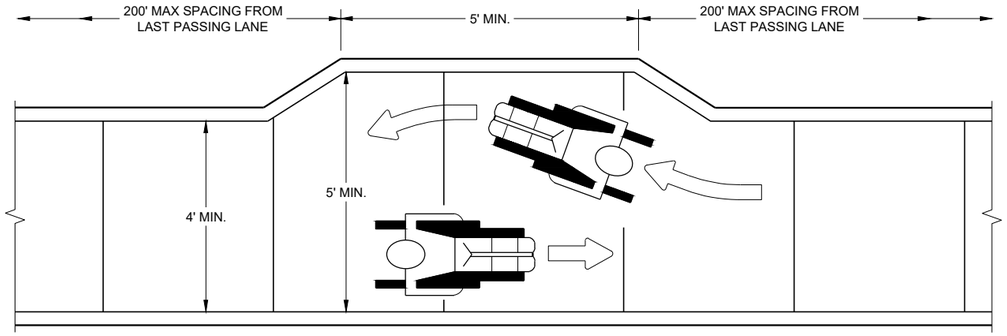
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

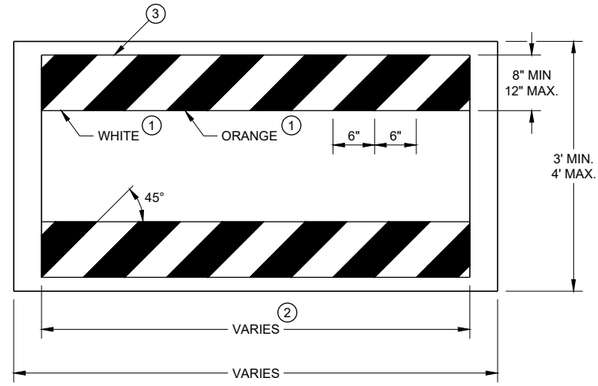
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

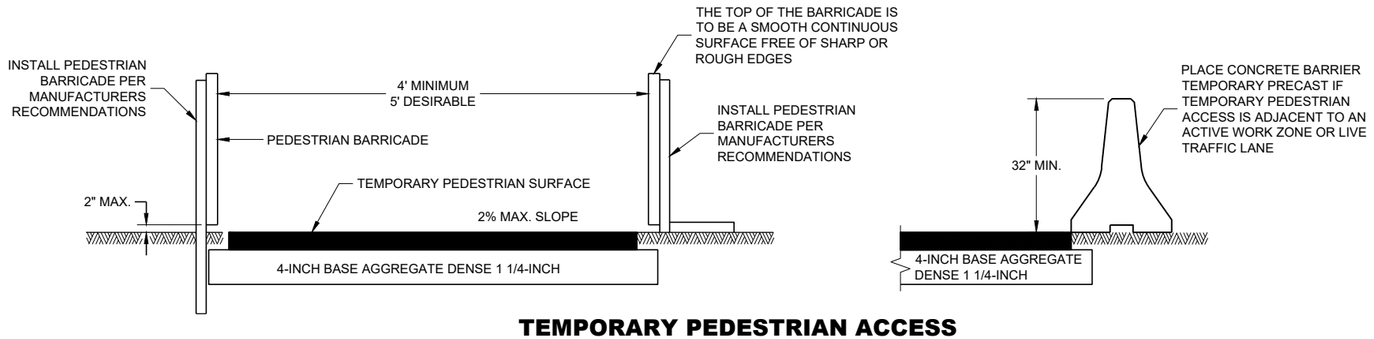
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*



TEMPORARY PEDESTRIAN ACCESS

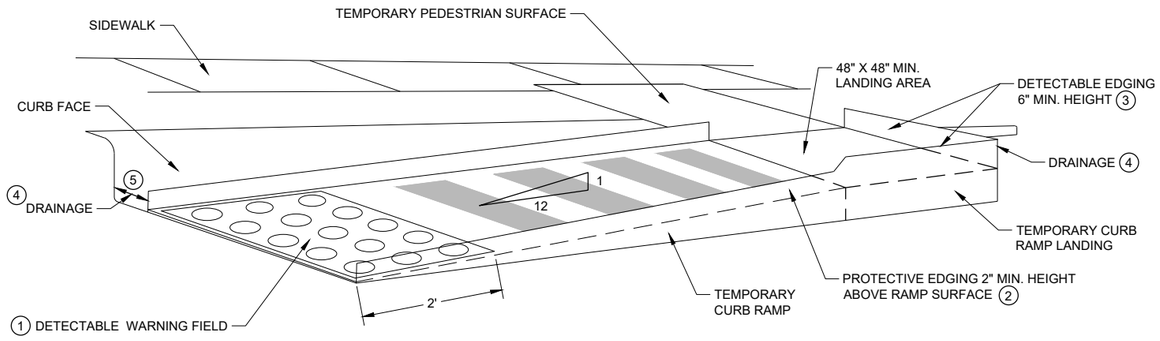
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SDD 15D30 - 09a

SDD 15D30 - 09a

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



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 1:50 (2%) 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.

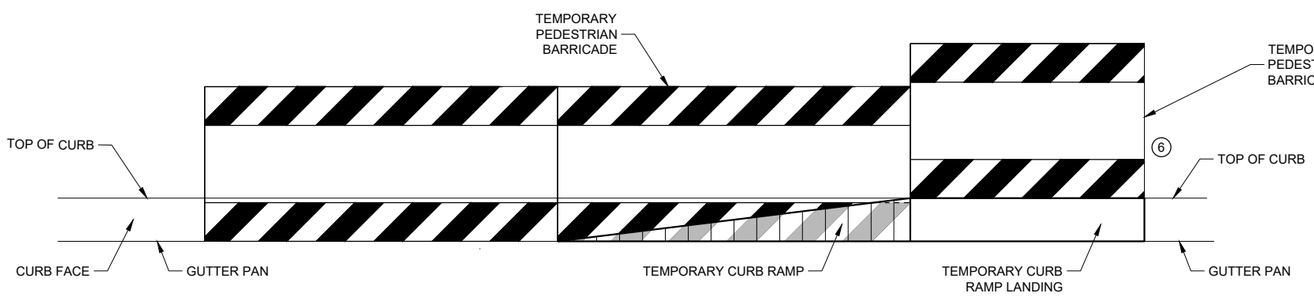
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

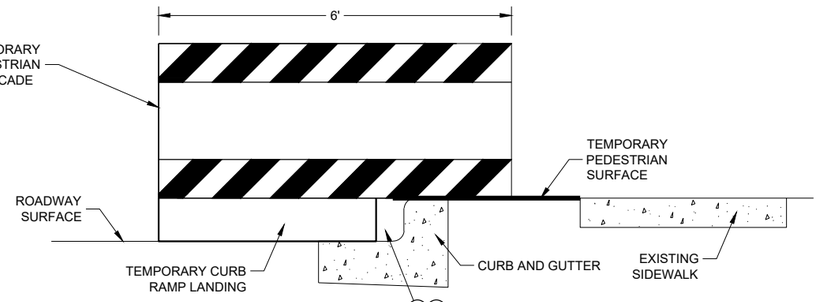
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(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.



FRONT VIEW



SIDE VIEW

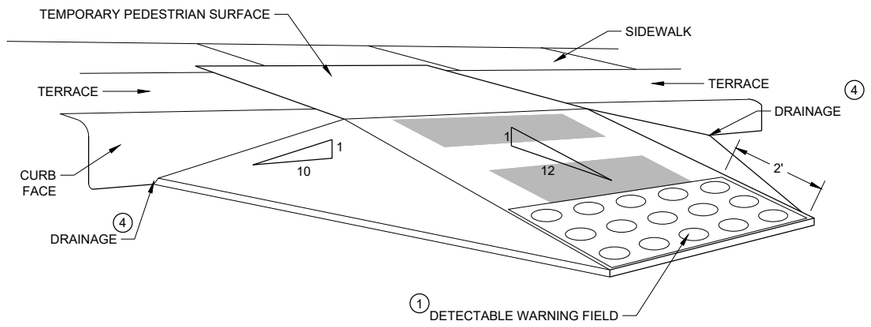
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

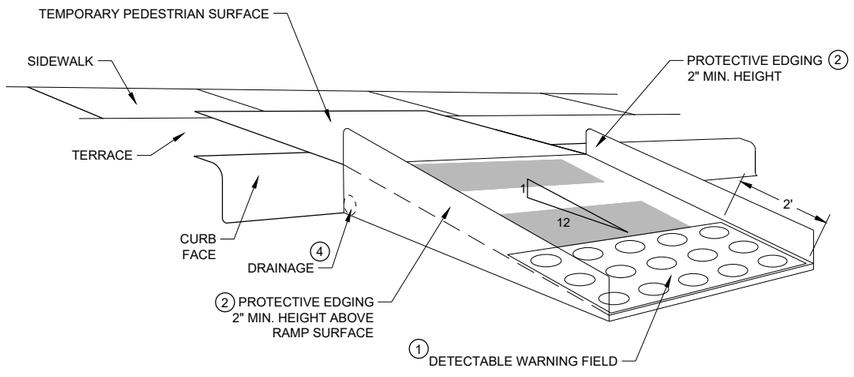
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 15D30 - 09b



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 1:50 (2%) 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.

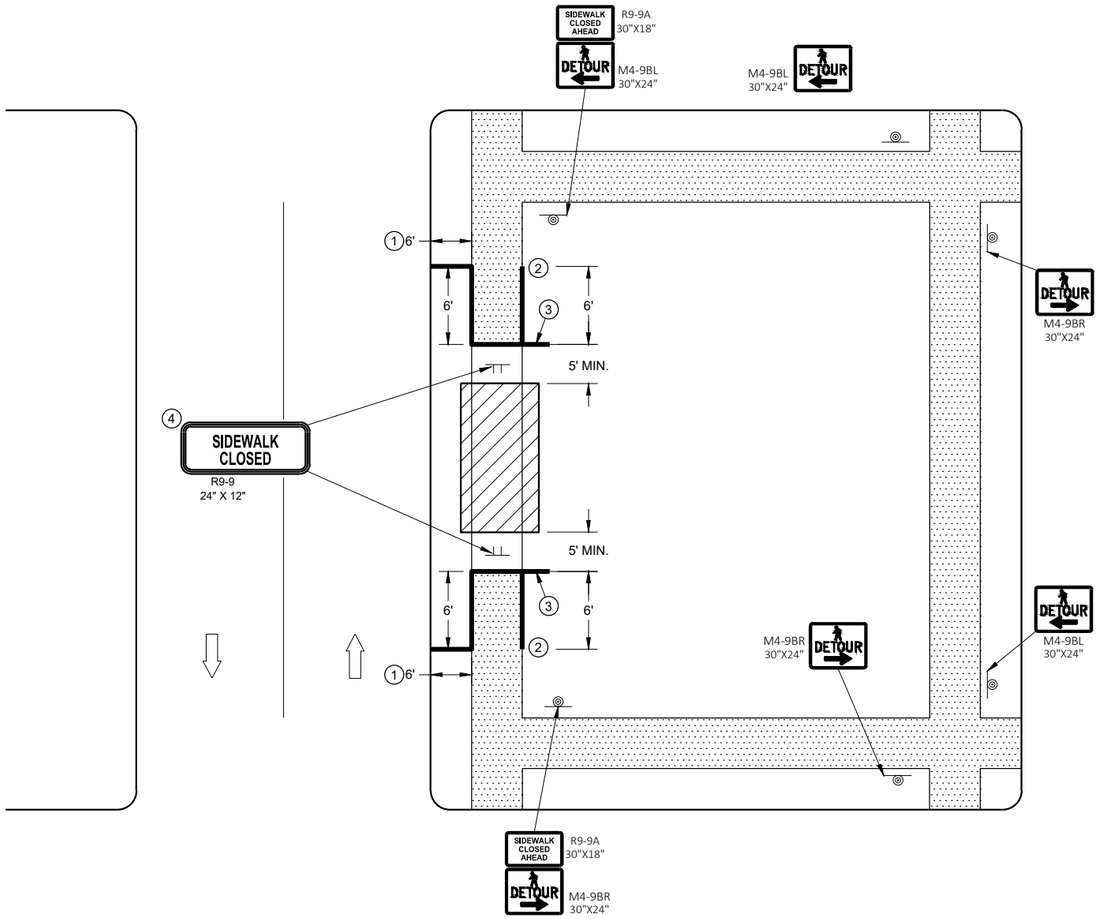
6

SDD 15D30 - 09c

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.

6

SDD 15D30 - 09f

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

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

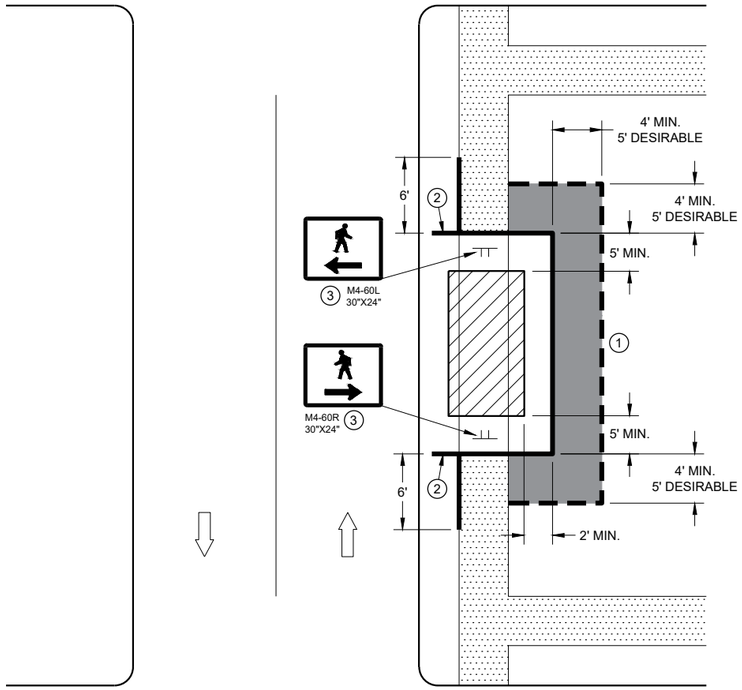
TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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 DIVERSION
SINGLE SIDE

6

SDD 15D30 - 09g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

300

6

SDD15D30 - 09g

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

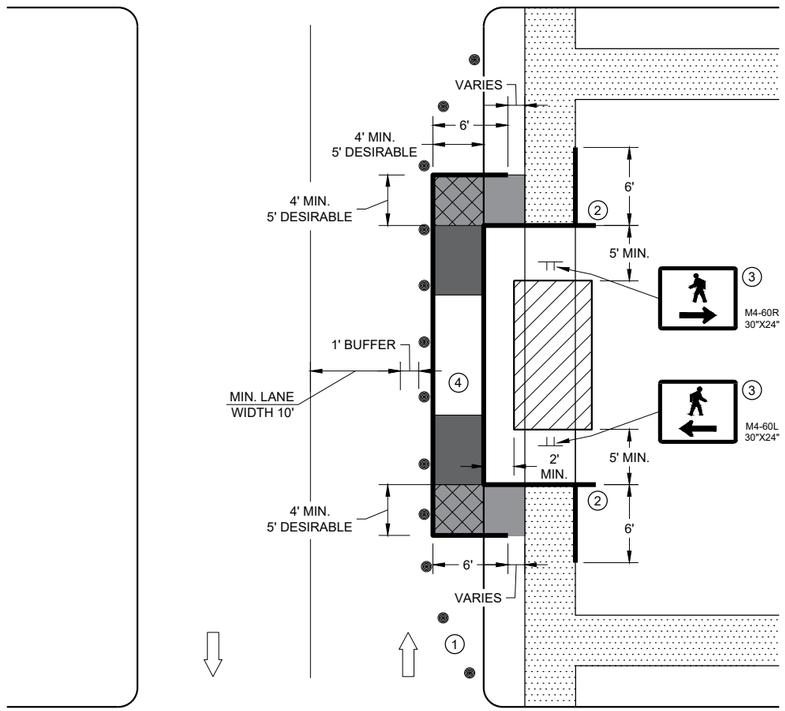
GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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 SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



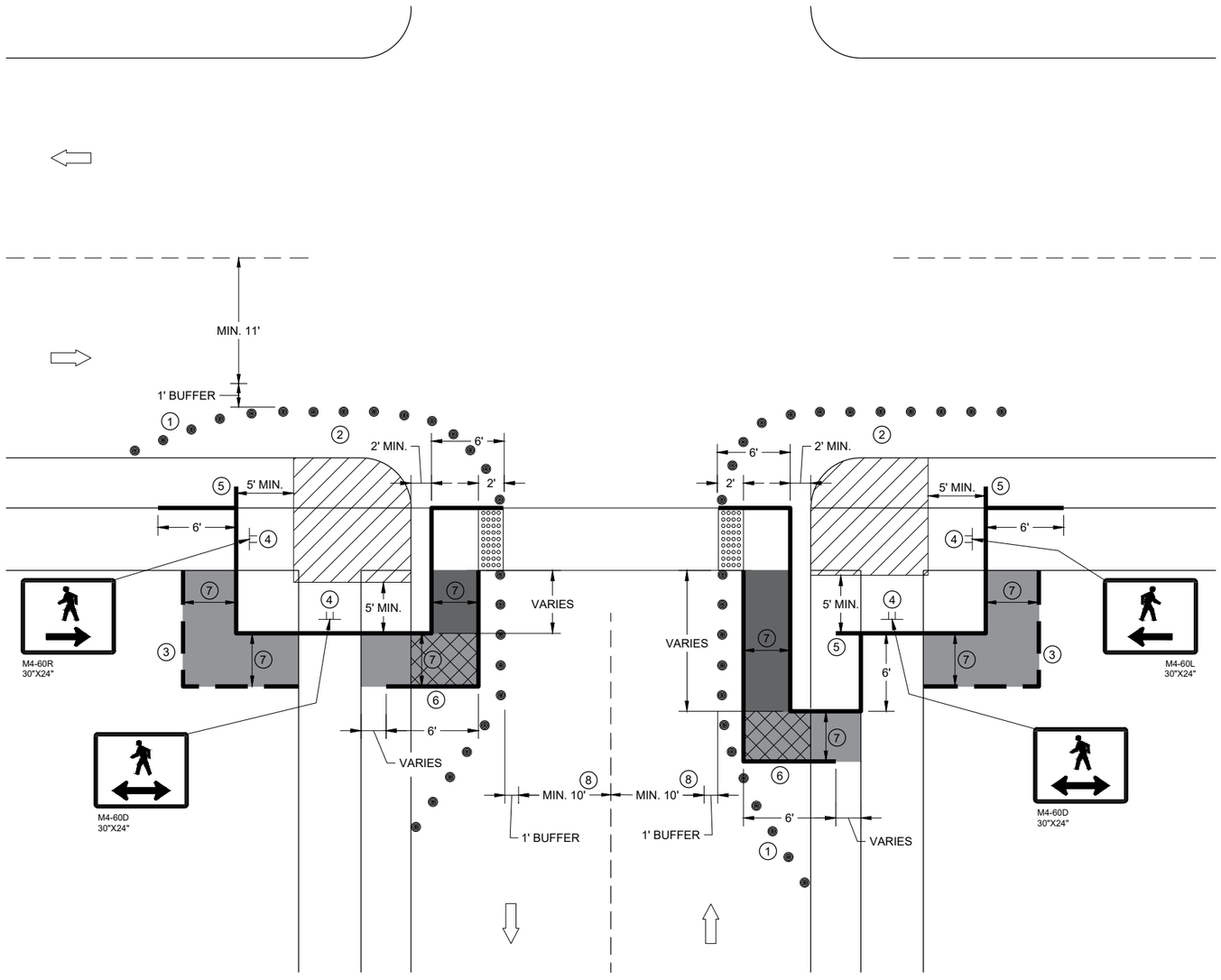
SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09h



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.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.

(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.

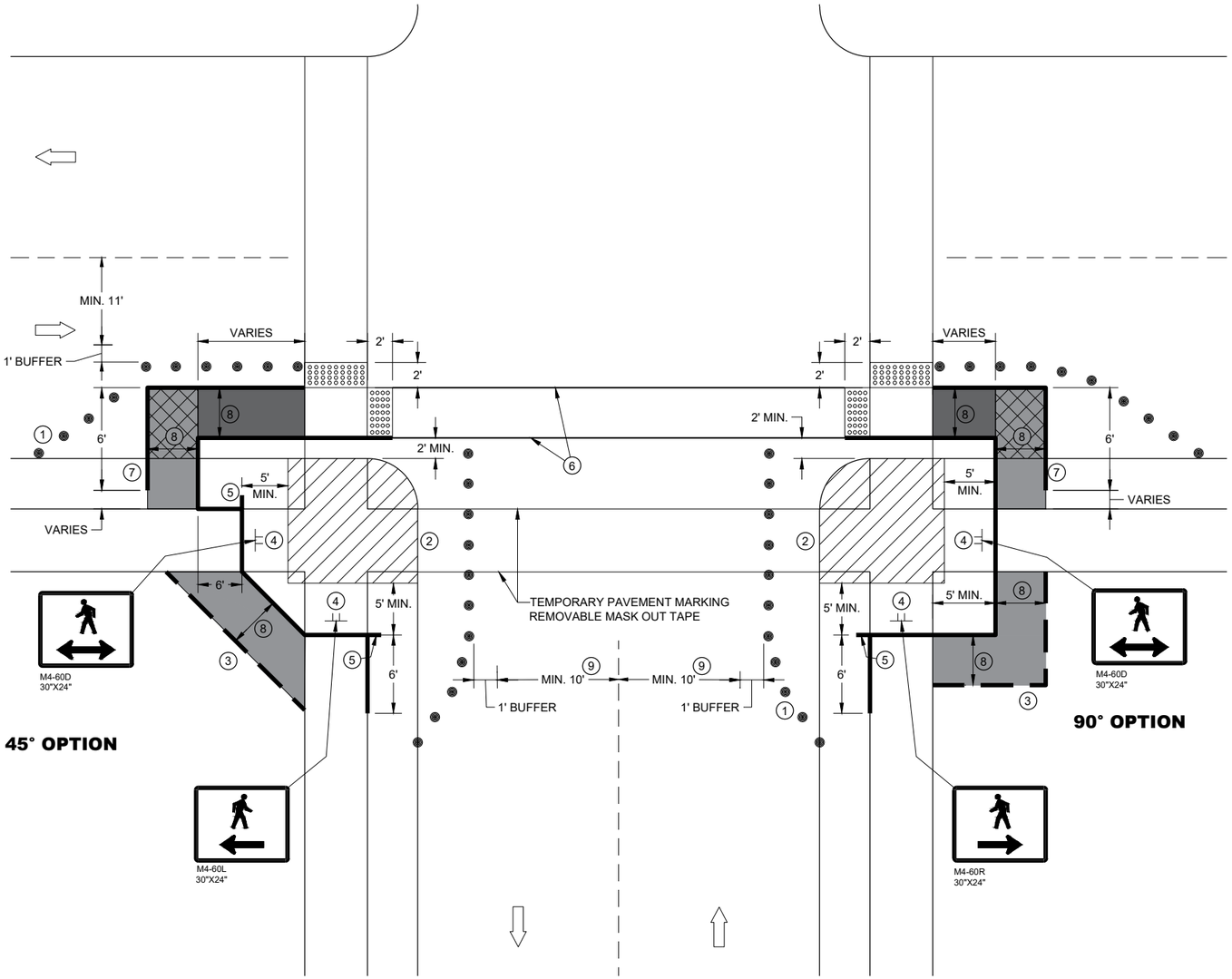
LEGEND

- 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

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09i

6



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.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.

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

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

LEGEND

SIGN ON PERMANENT SUPPORT

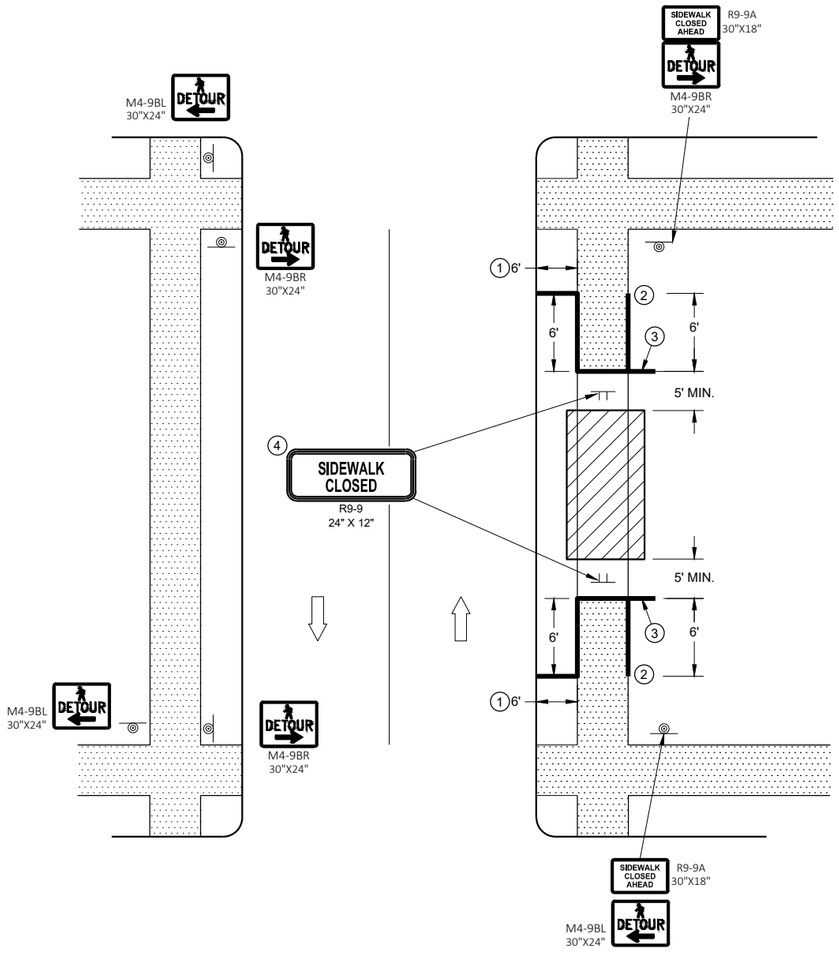
SIGN ON TEMPORARY SUPPORT

UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

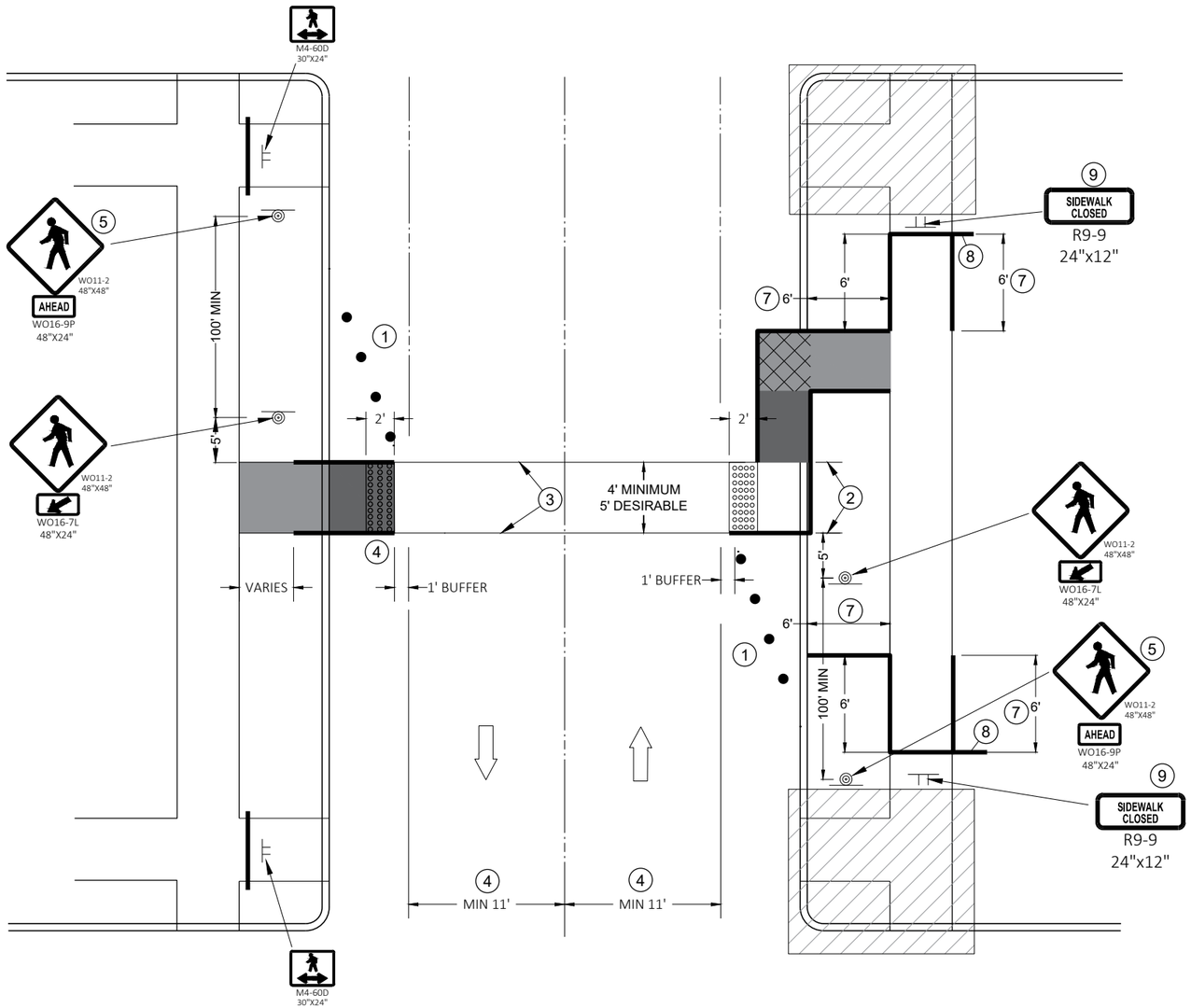
SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

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.



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

(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.

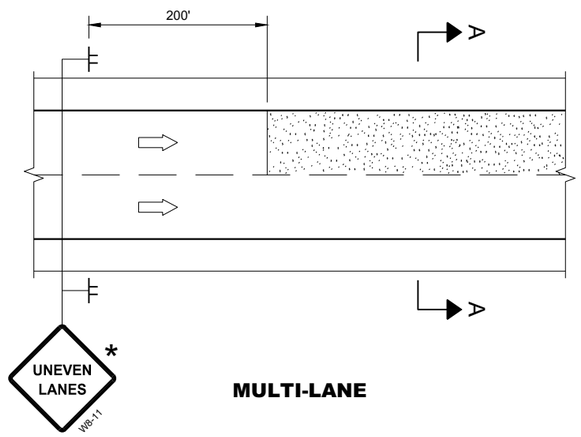
(7) PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.

(8) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

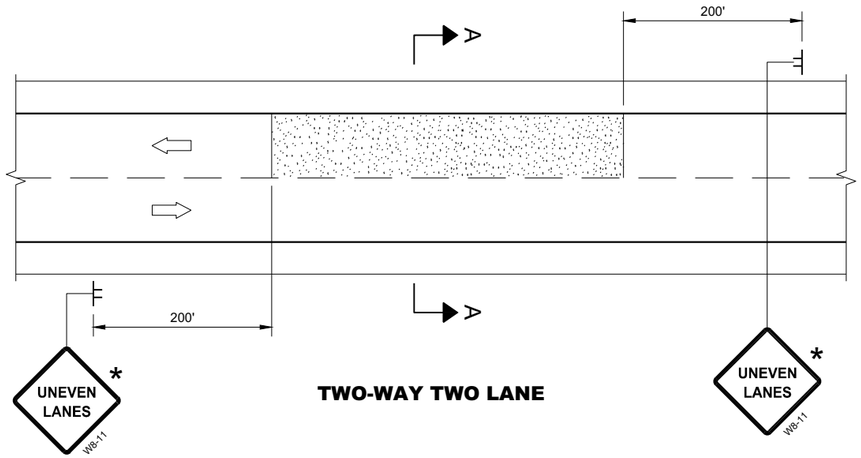
(9) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

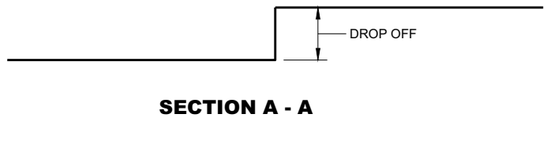
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



MULTI-LANE

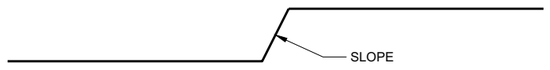


TWO-WAY TWO LANE

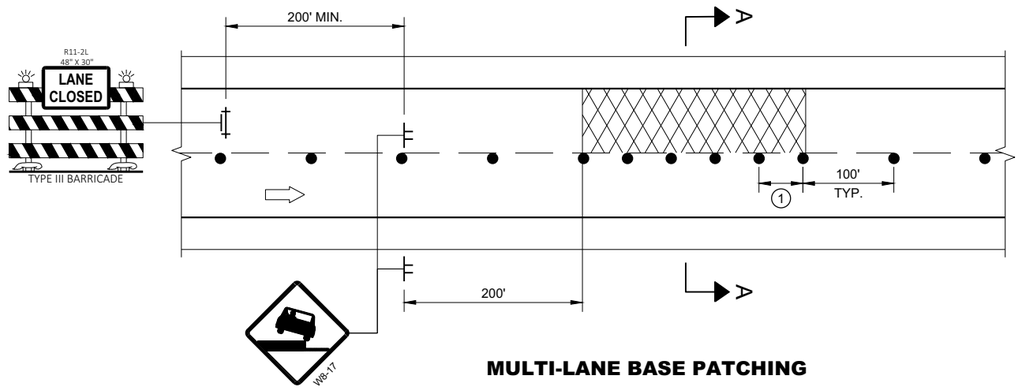


SECTION A - A

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.

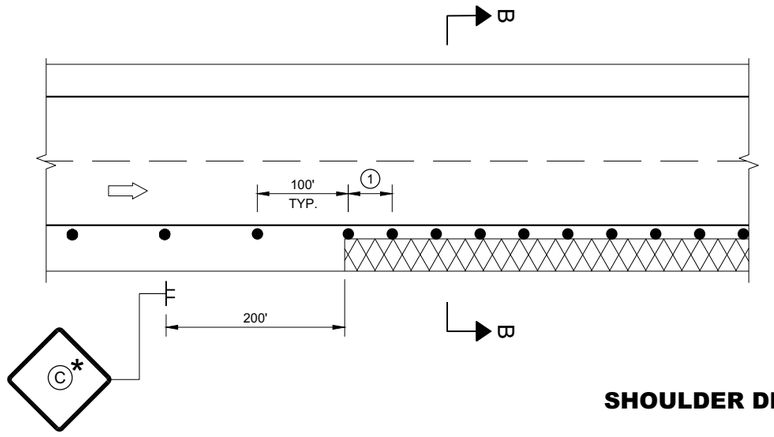
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

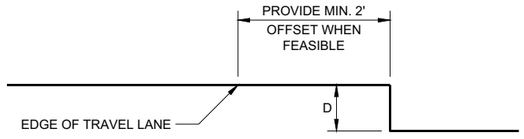
(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

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
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

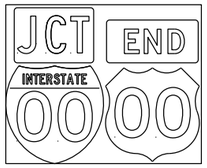
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SDD 15D39 - 02

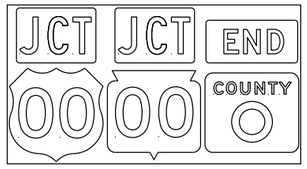
TYPICAL ASSEMBLIES



J1-1



J1-2



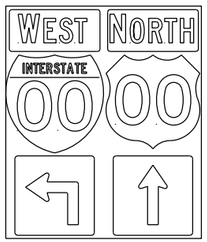
J1-3



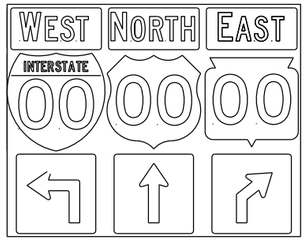
JR1-1



J2-1



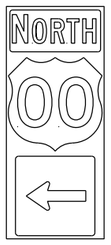
J2-2



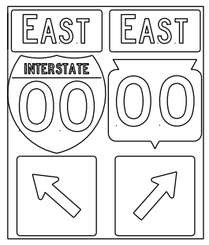
J2-3



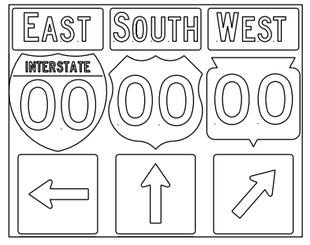
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



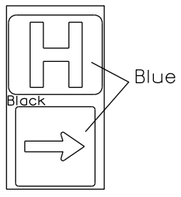
J3-1



J3-2



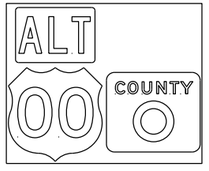
J3-3



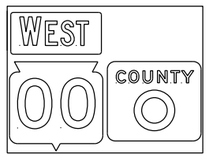
JH-1



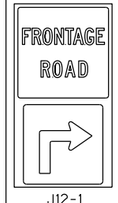
J4-1



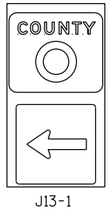
J4-2



J4-2



J12-1



J13-1



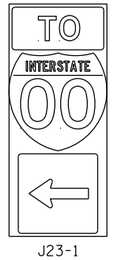
J32-1



J33-1



J22-1



J23-1



JR13-1



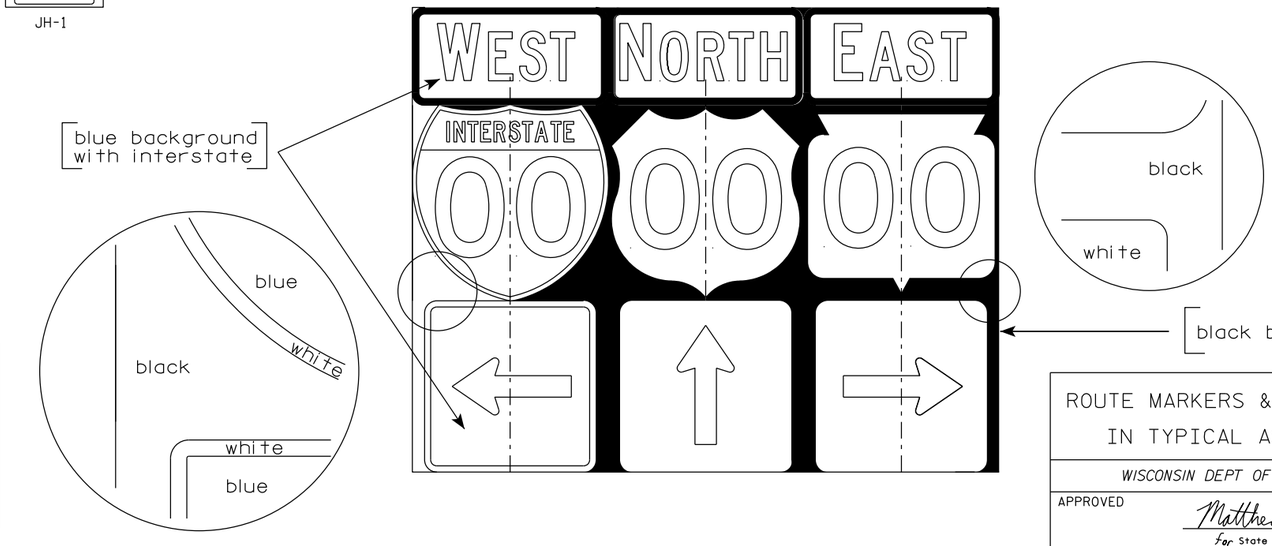
JR23-1



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

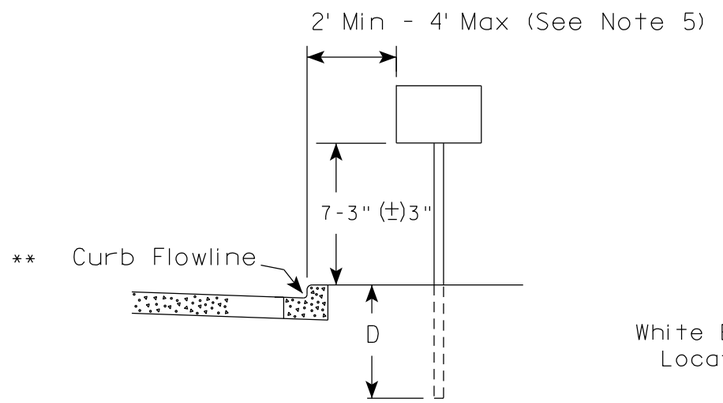
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/23 PLATE NO. A2-1S.10

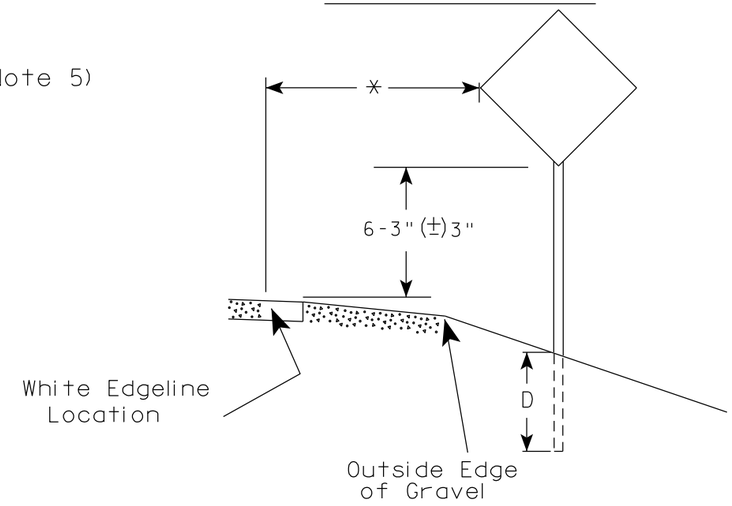
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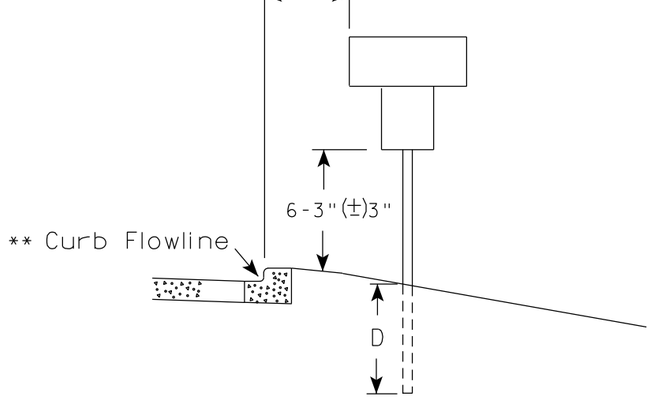
SHEET NO: 307 E

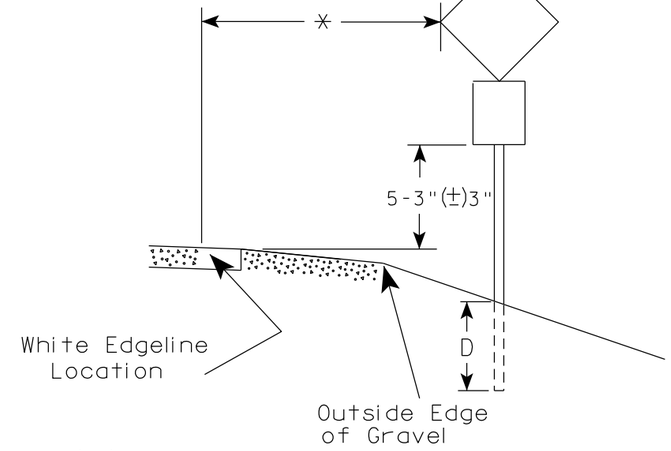
URBAN AREA



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.

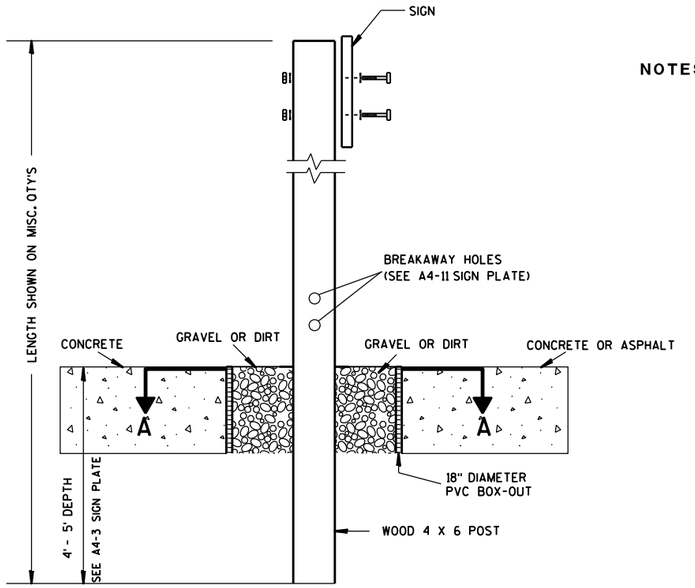
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

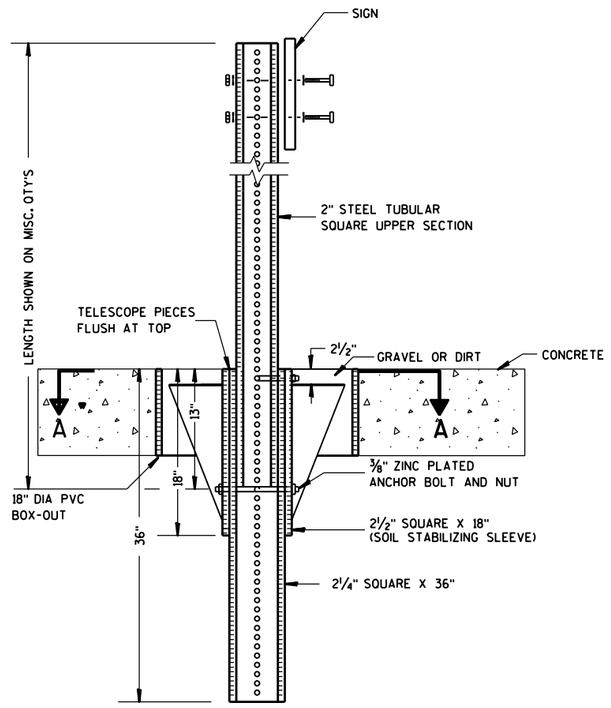
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 308	E



ELEVATION VIEW

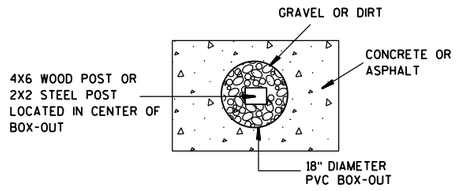
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

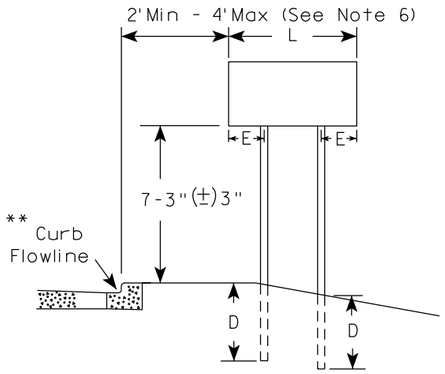
APPROVED Matthew R Rauch
for State Traffic Engineer

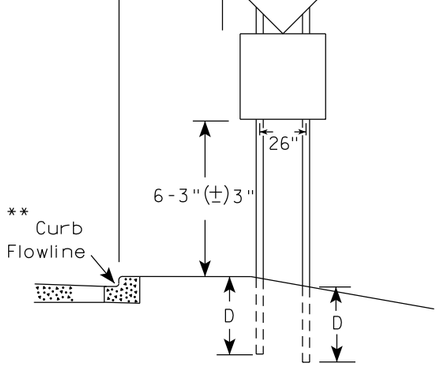
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

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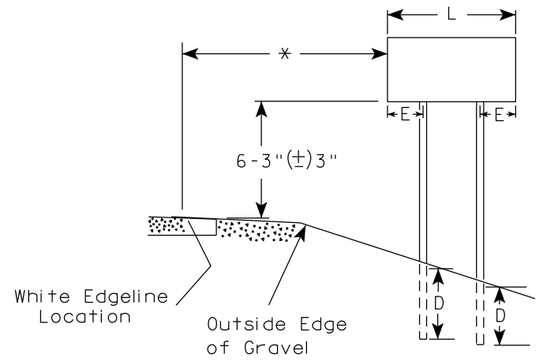
URBAN AREA

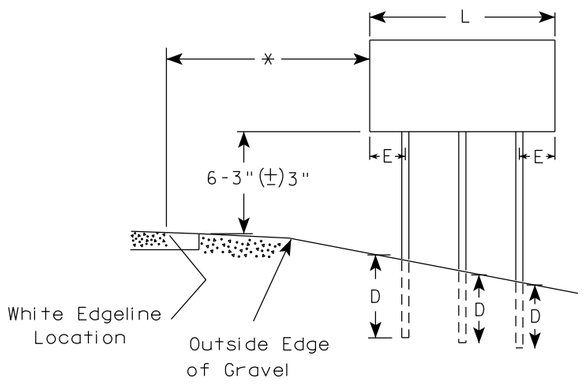


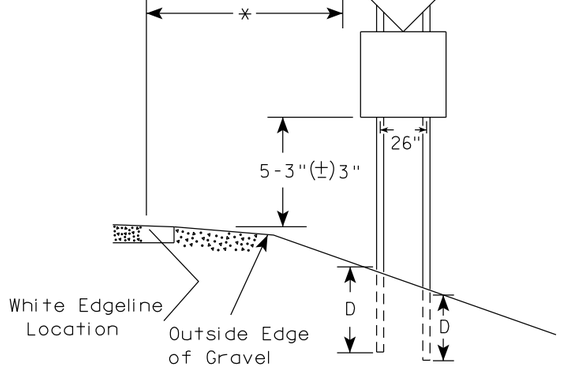


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







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'

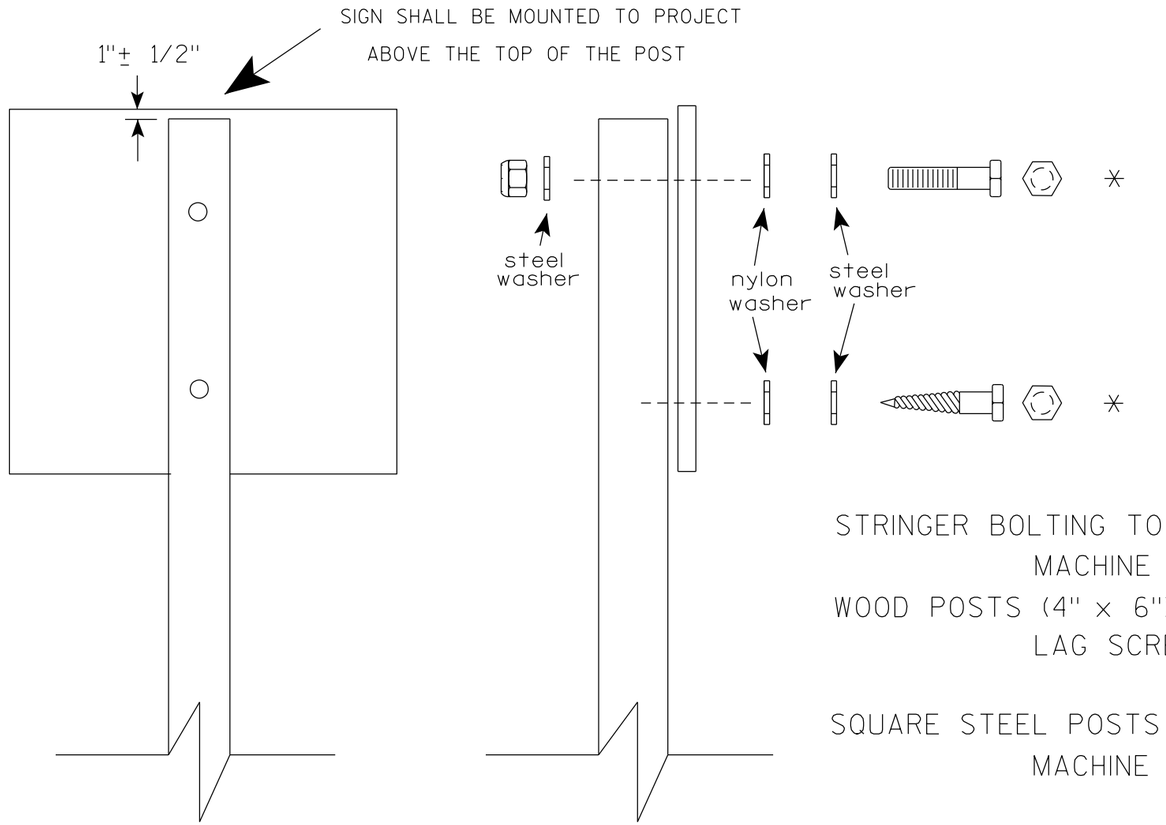
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 310	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

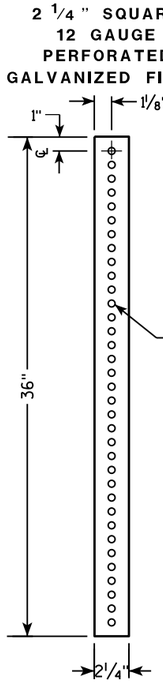
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

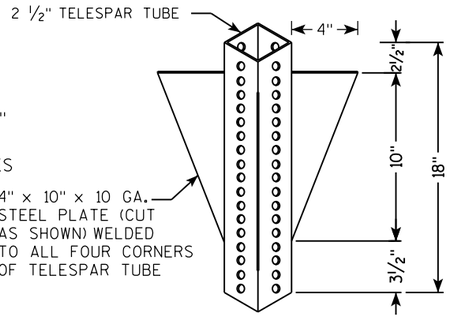
SHEET NO: 311 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

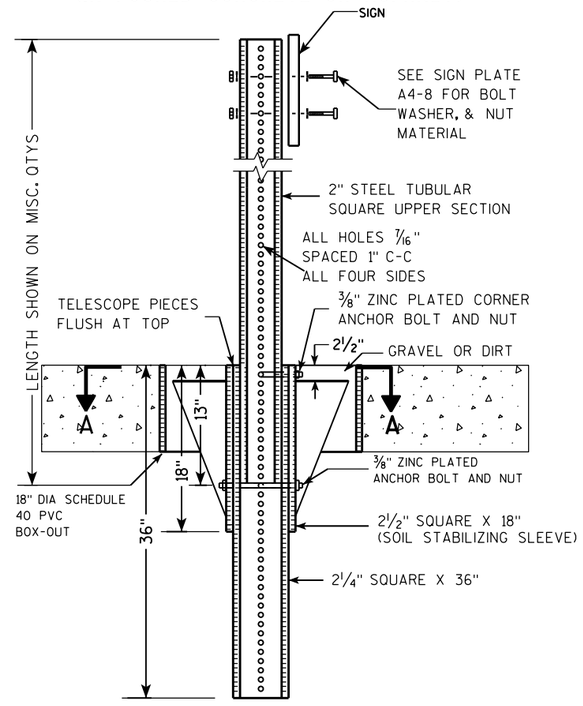
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



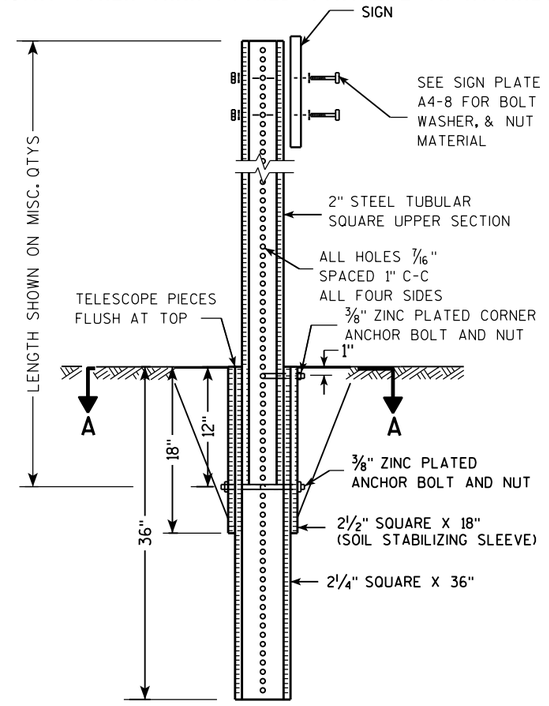
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

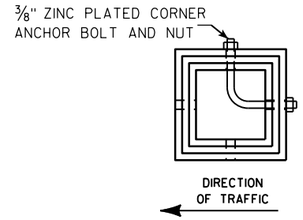


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

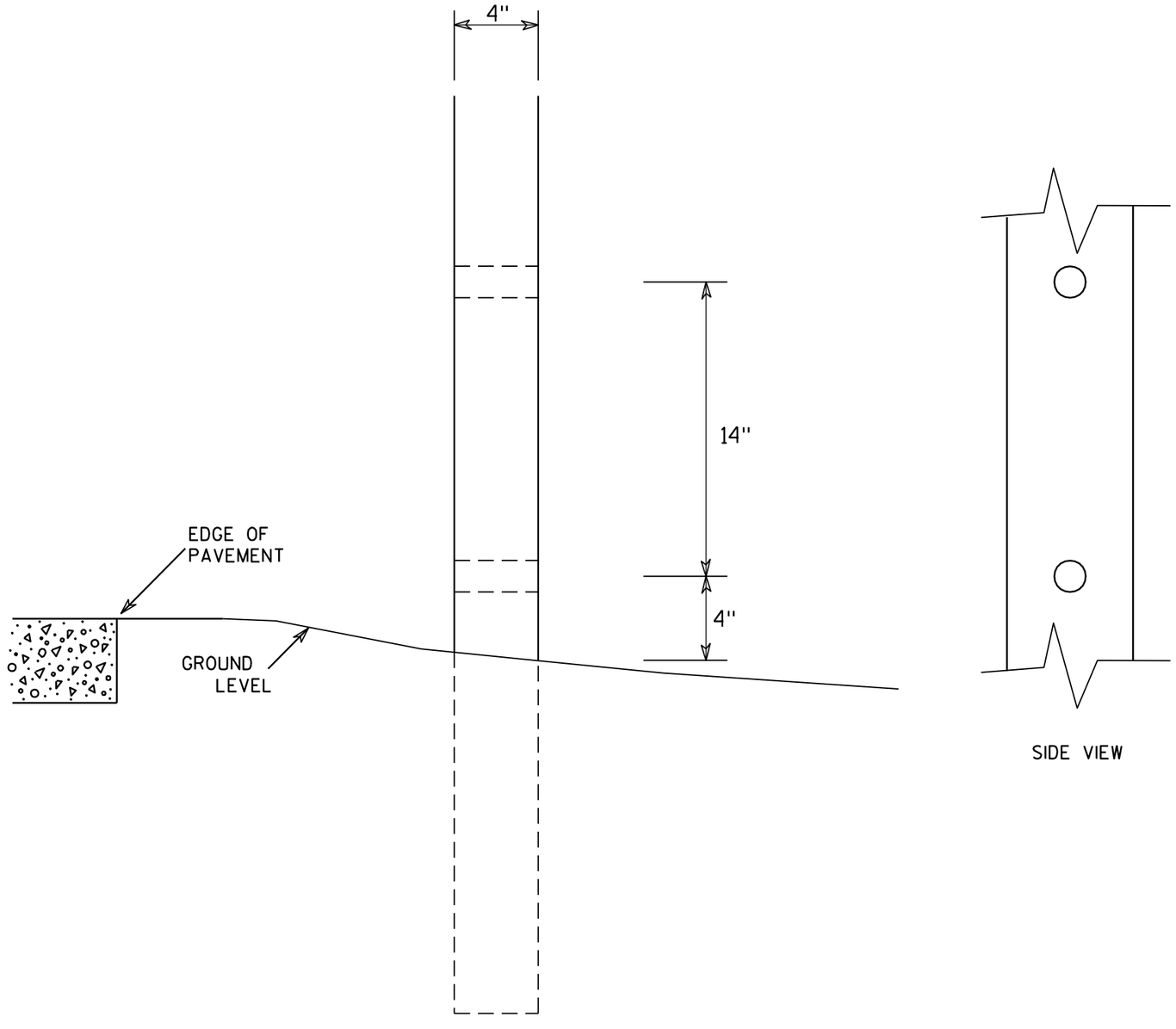
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 312 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.

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

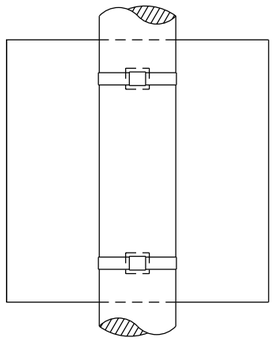
APPROVED Chester J Spang for State Traffic Engineer

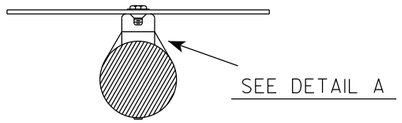
DATE 3/27/97 PLATE NO. A4-11.2

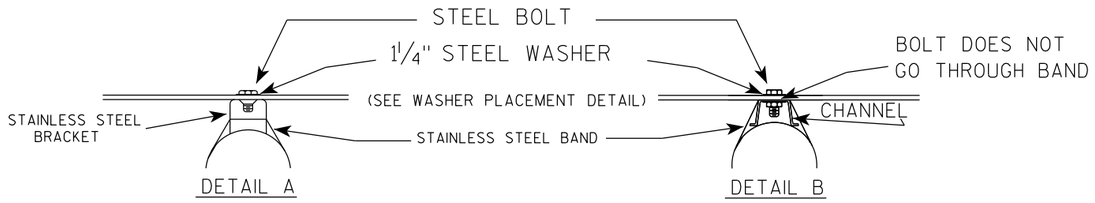
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 313	E

BANDING

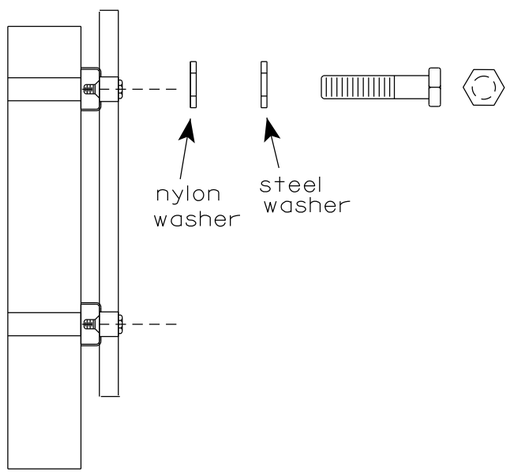
SINGLE SIGN







WASHER PLACEMENT

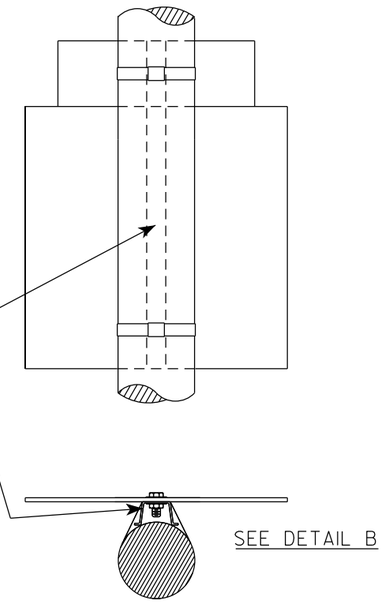


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

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



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

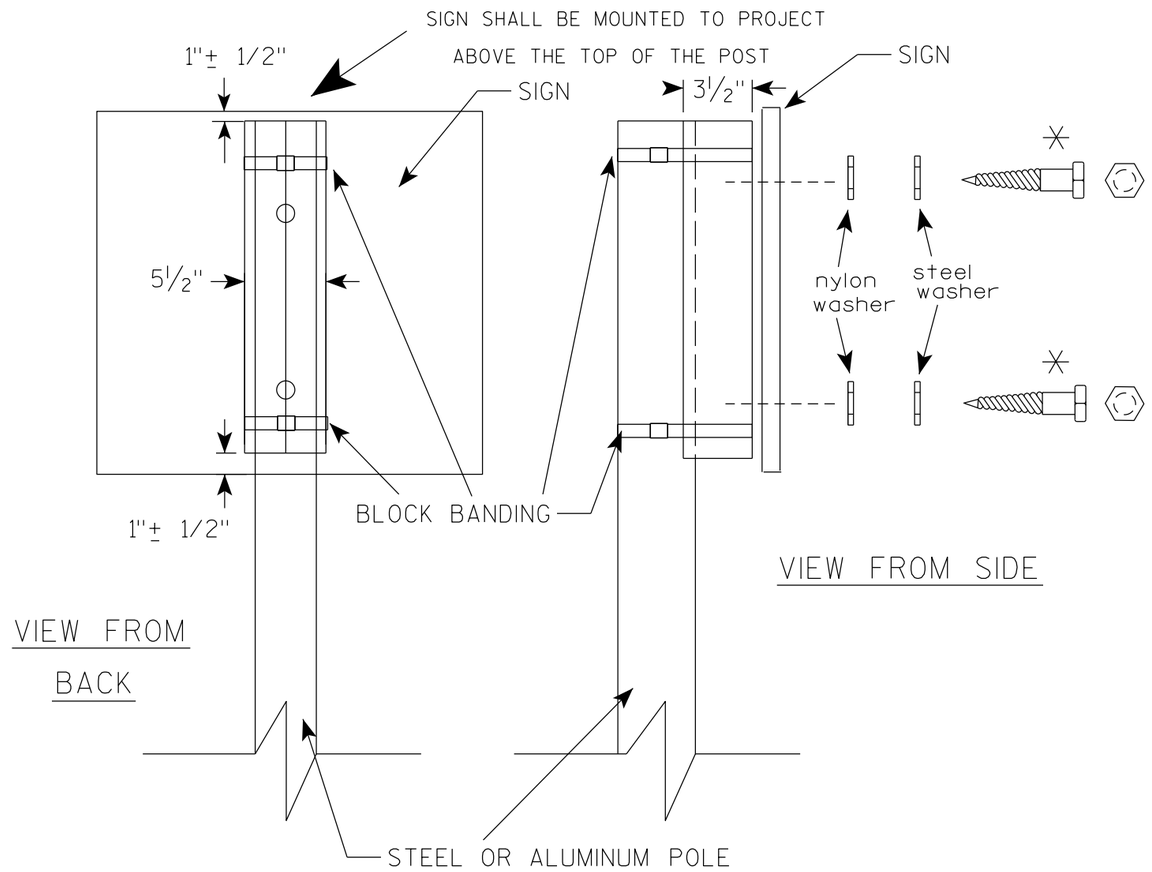
DATE 6/10/19 PLATE NO. A5-9.4

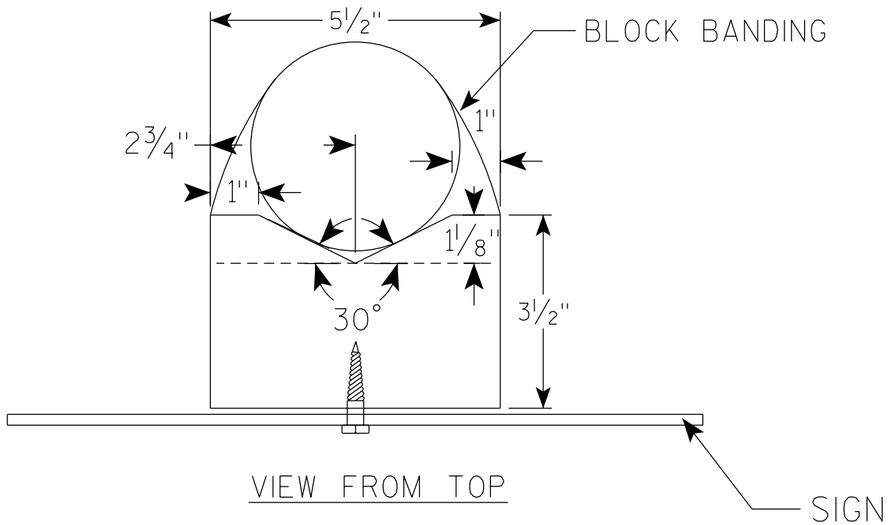
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 314	E

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7

7





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)

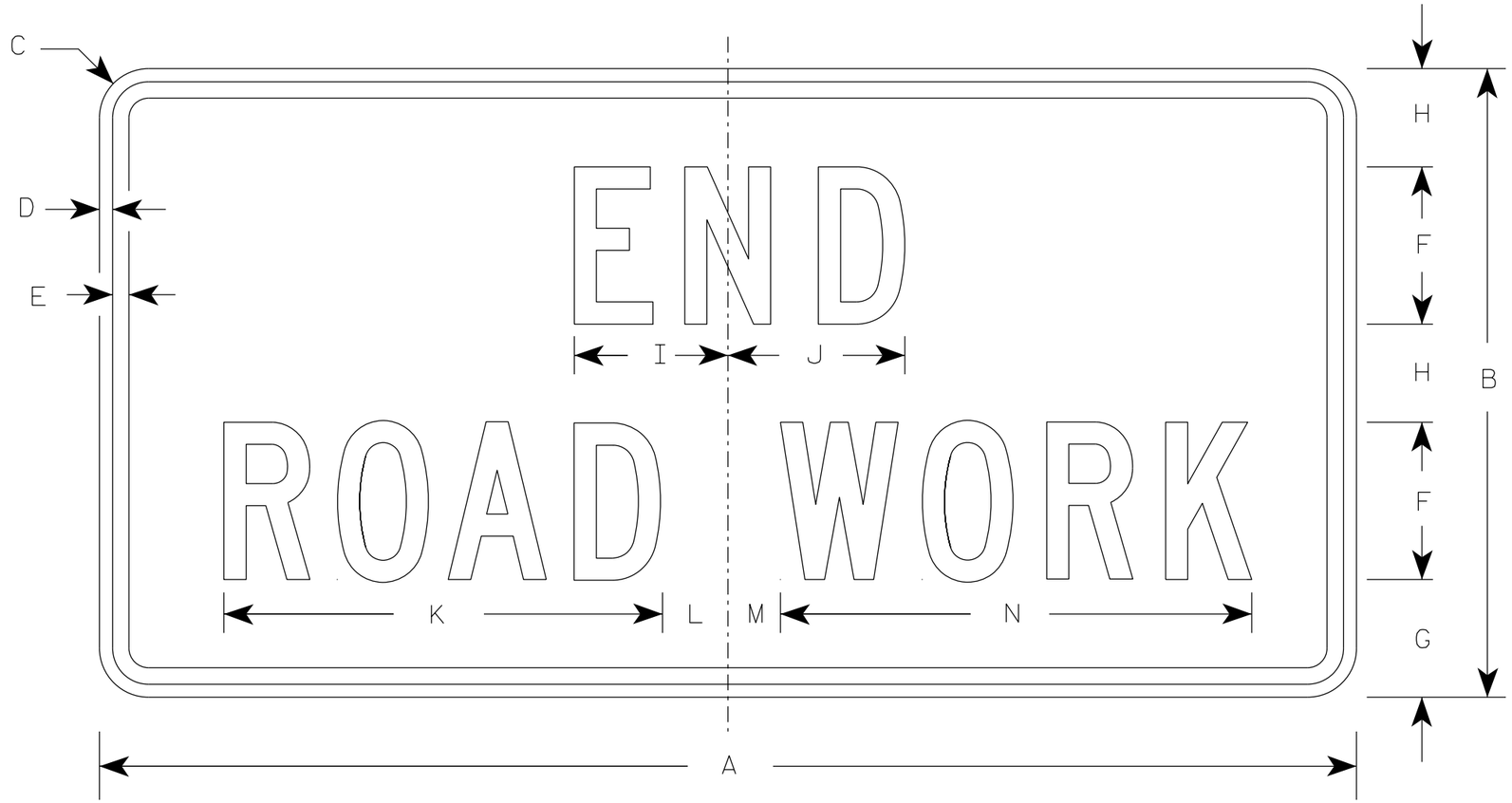
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 315 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

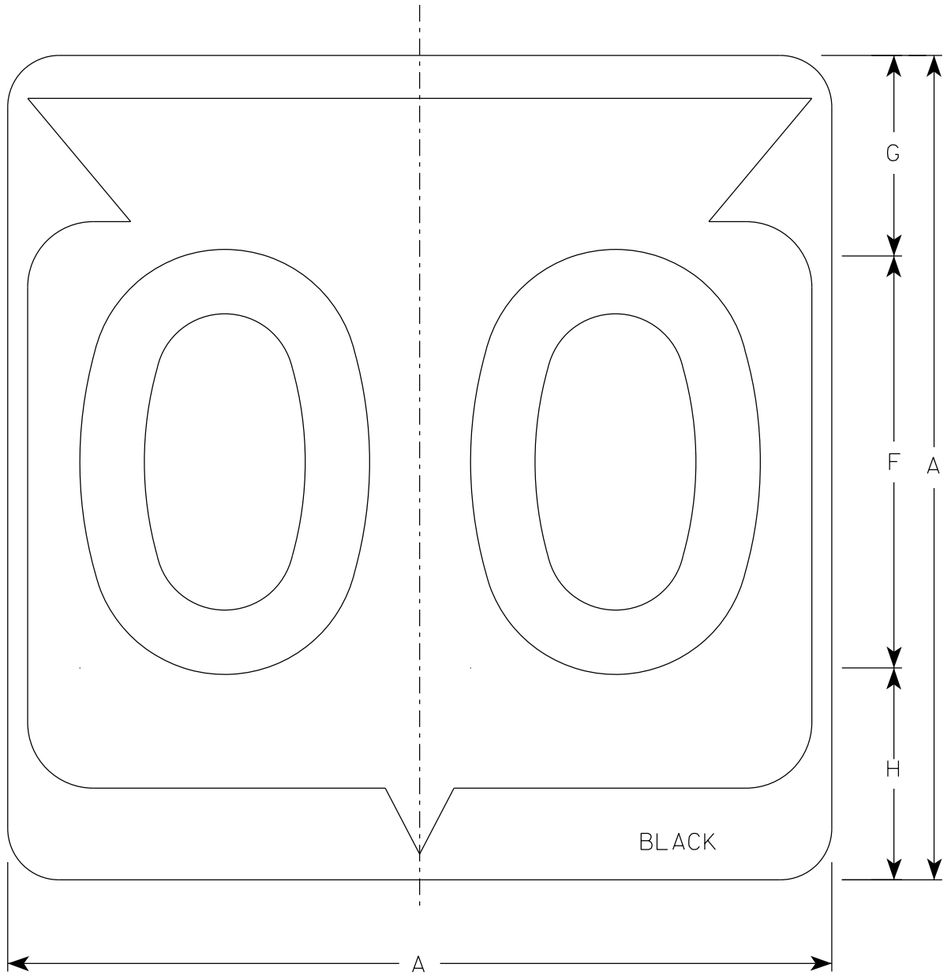
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

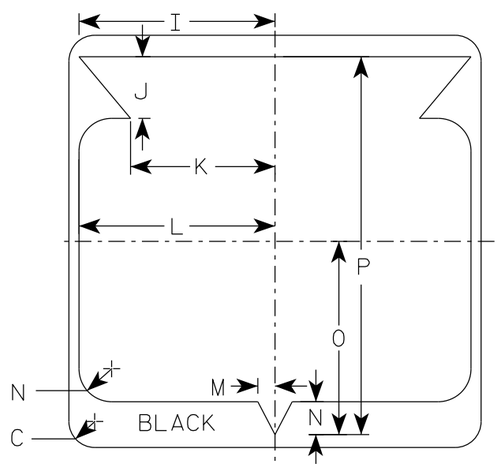
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 316 E



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

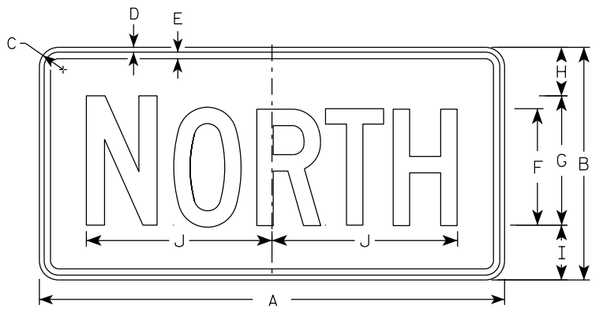
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

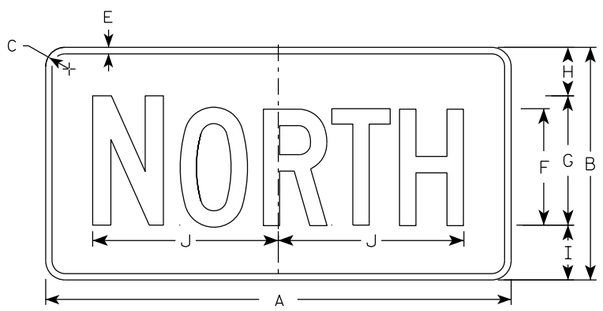
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

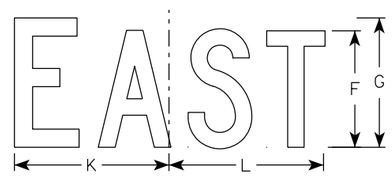
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 317	E



M3-1
MM3-1
MP3-1



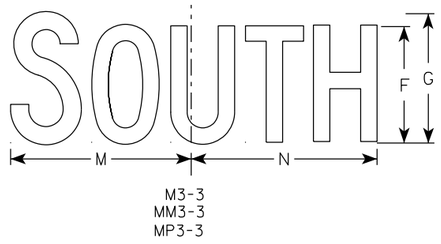
MB3-1
MK3-1
MN3-1



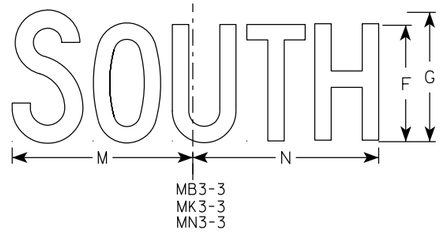
M3-2
MM3-2
MP3-2



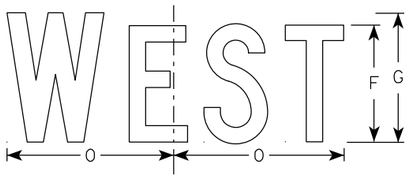
MB3-2
MK3-2
MN3-2



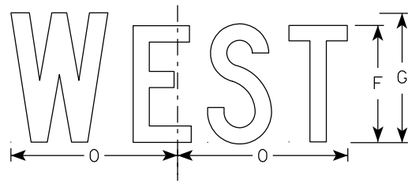
M3-3
MM3-3
MP3-3



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

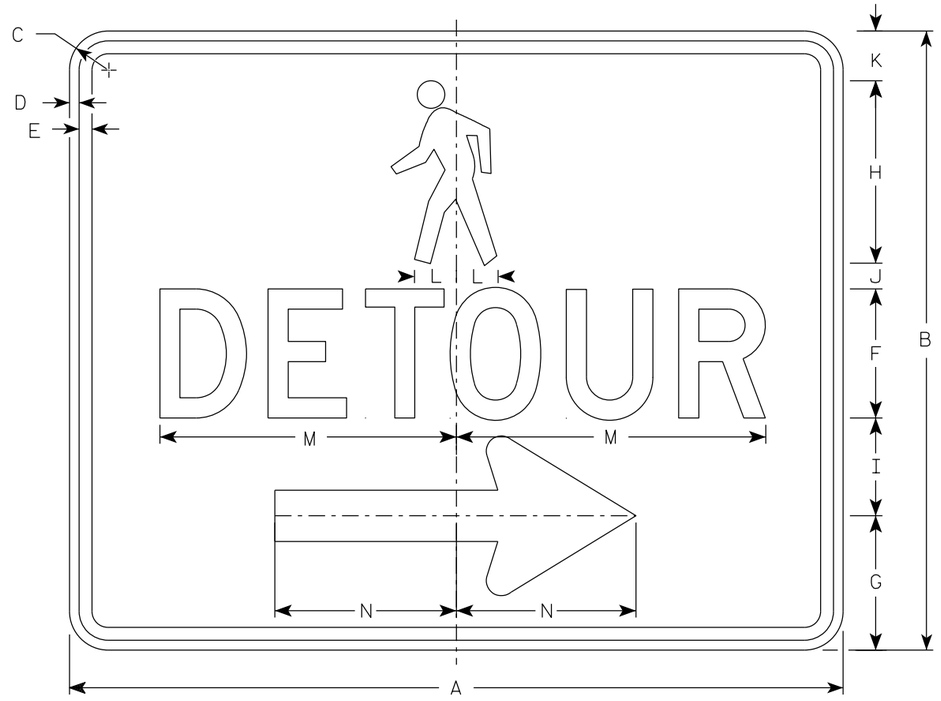
STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

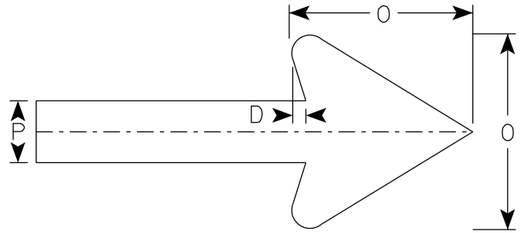
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 318 | E



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																											

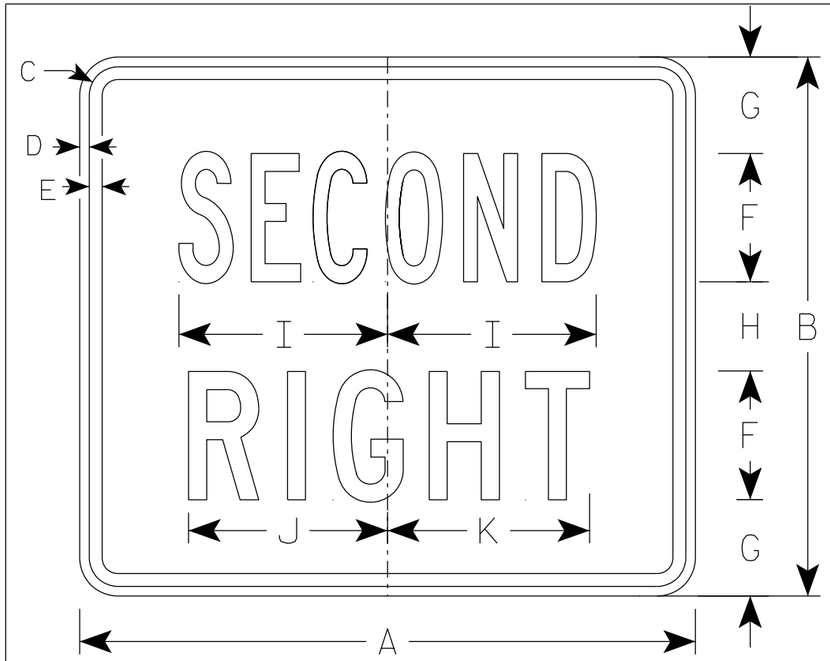
STANDARD SIGN
M4-9B L&R

WISCONSIN DEPT OF TRANSPORTATION

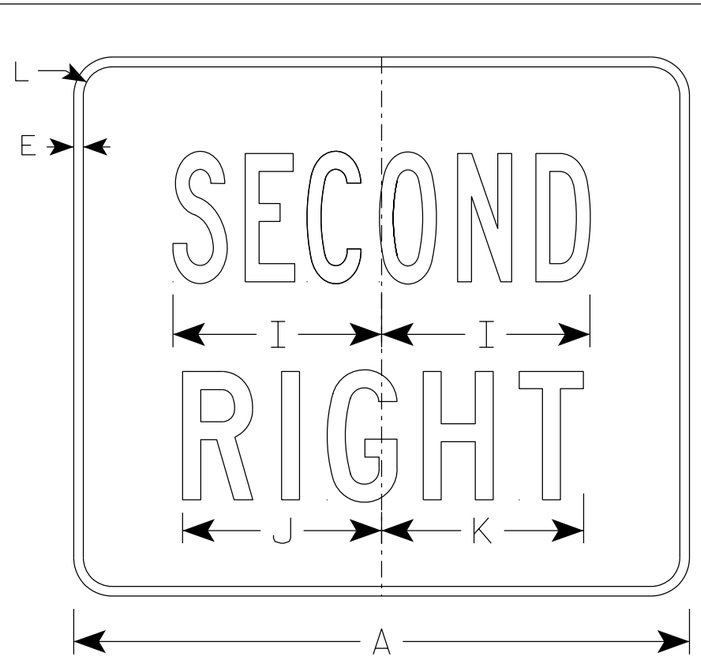
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-9B.4

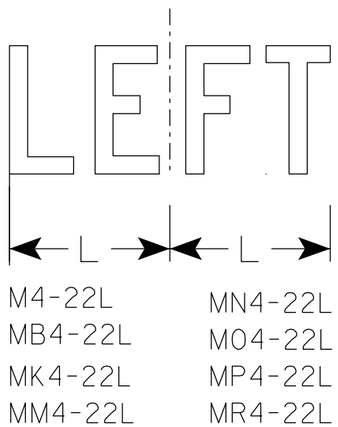
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 319 | E



M4-22R
MM4-22R
M04-22R
MP4-22R



MB4-22R
MK4-22R
MN4-22R
MR4-22R



M4-22L
MB4-22L
MK4-22L
MM4-22L
MN4-22L
M04-22L
MP4-22L
MR4-22L

NOTES

1. Sign is Type II - Type H except as Shown
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. M4-22 Background - White
   Message - Black
   MB4-22 Background - Blue
   Message - White
   MK4-22 Background - Green
   Message - White
   MM4-22 Background - White
   Message - Green
   MN4-22 Background - Brown
   Message - White
   M04-22 Background - Orange - Type F Reflective
   Message - Black
   MP4-22 Background - White
   Message - Blue
   MR4-22 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																											
2	24	21	1 1/8	3/8	1/2	5	3 3/4	3 1/2	8 1/8	7 3/4	7 7/8	1 1/2															3.5
2M	24	21	1 1/8	3/8	1/2	5	3 3/4	3 1/2	8 1/8	7 3/4	7 7/8	1 1/2															3.5
3	36	30	1 5/8	5/8	3/4	8	4 3/4	4 1/2	13 1/8	12 5/8	12 1/2	1 7/8															7.5
4	36	30	1 5/8	5/8	3/4	8	4 3/4	4 1/2	13 1/8	12 5/8	12 1/2	1 7/8															7.5
5																											

STANDARD SIGN
M4-22

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/21/2022 PLATE NO. M4-22.5

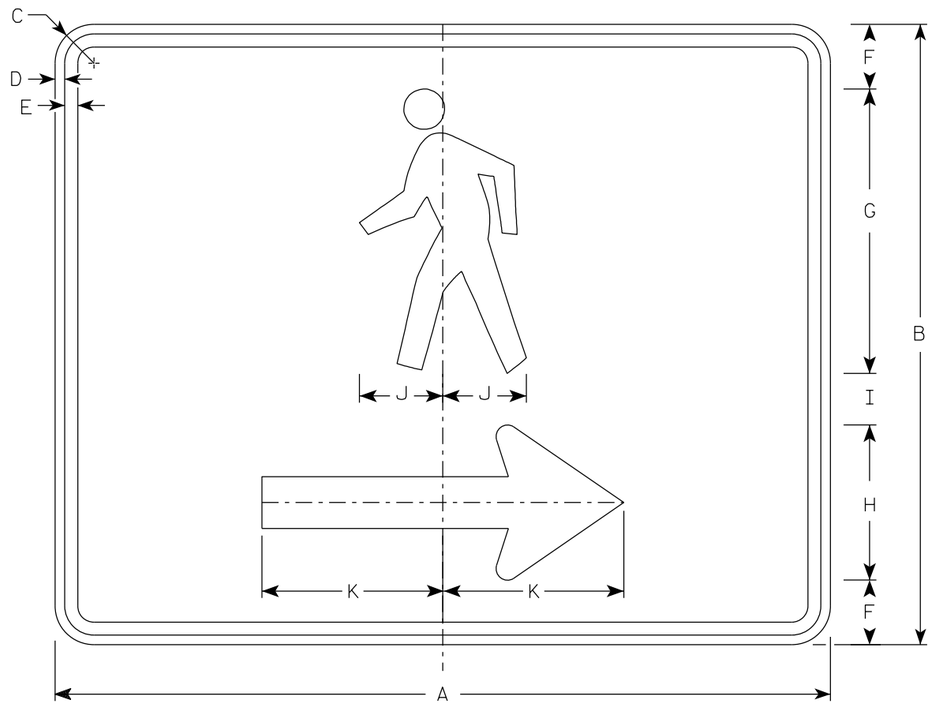
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 320 E

7

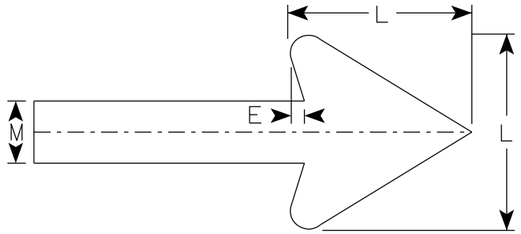
7

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																											

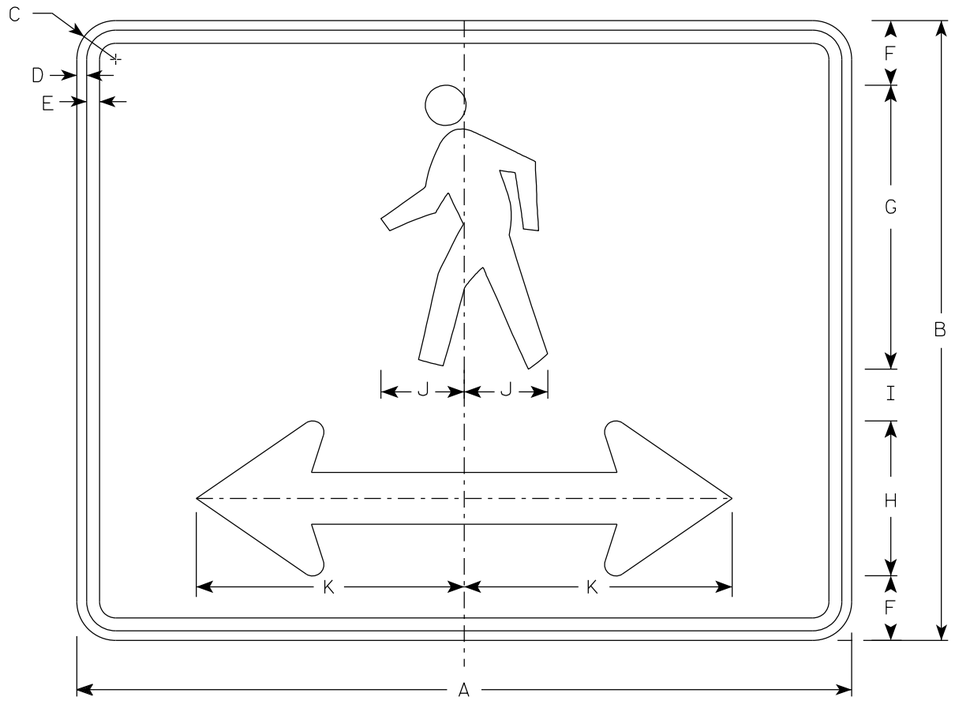
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

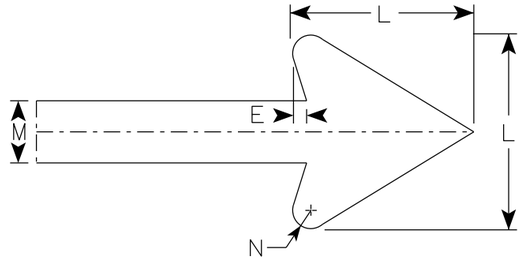
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 321 | E



M4-60D

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.



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	10 ⅜	6	2	⅜													5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	10 ⅜	6	2	⅜													5.00
3																											
4																											
5																											

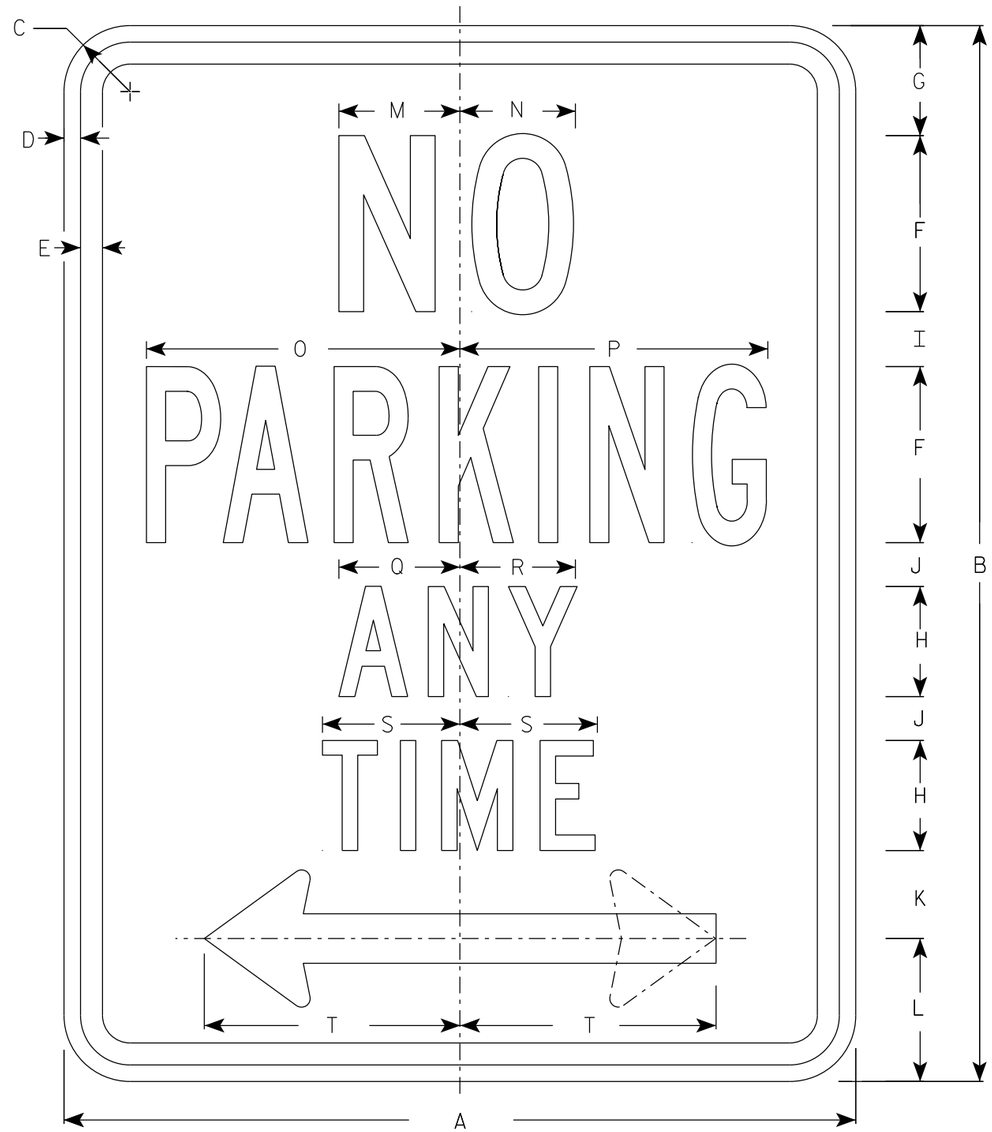
STANDARD SIGN
M4-60D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60D.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 322 | E

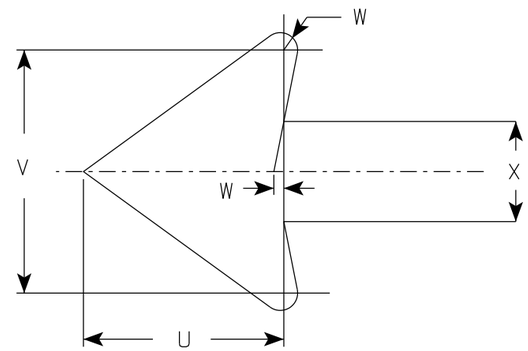


R7-1

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																											

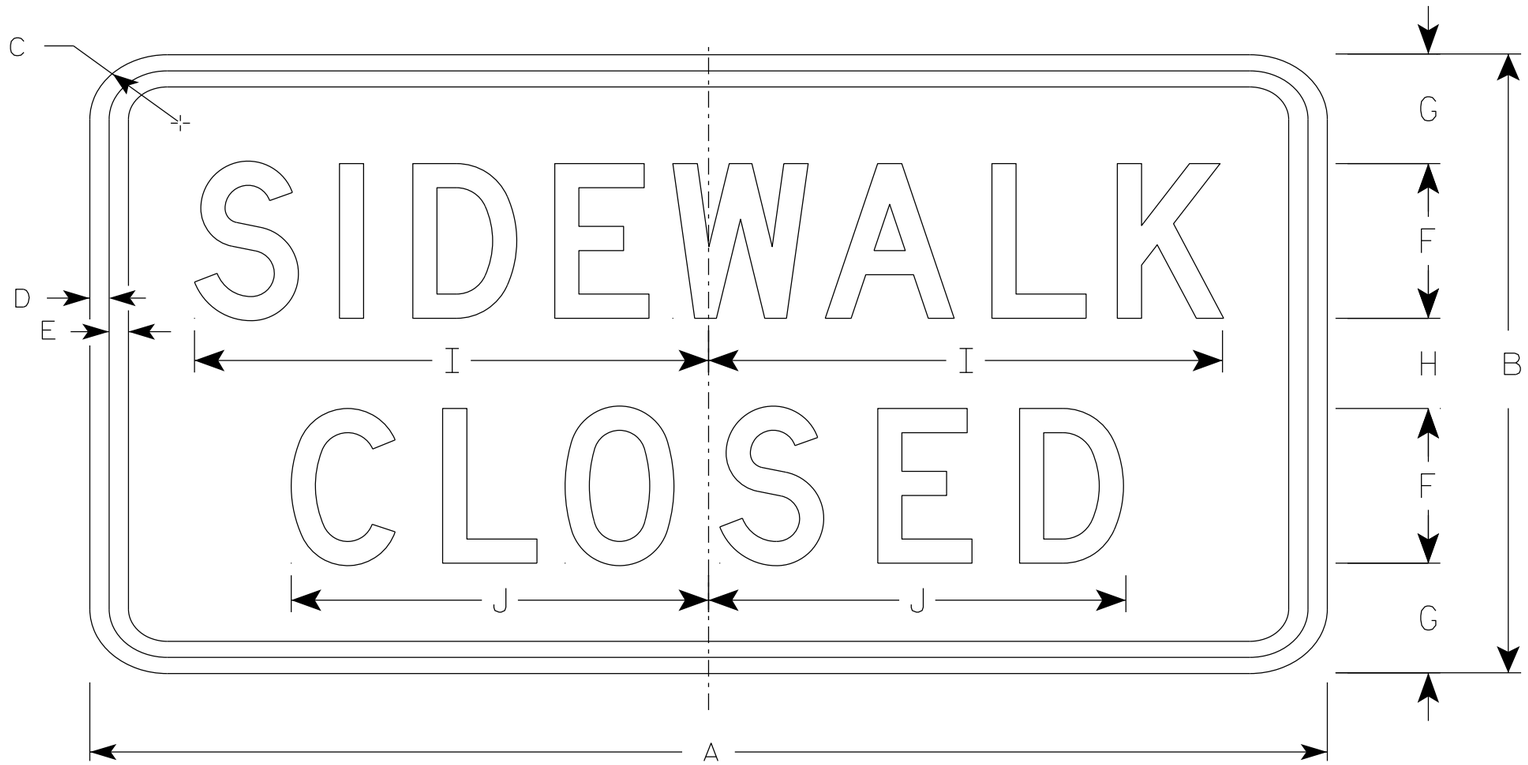
STANDARD SIGN
R7-1

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: 323	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

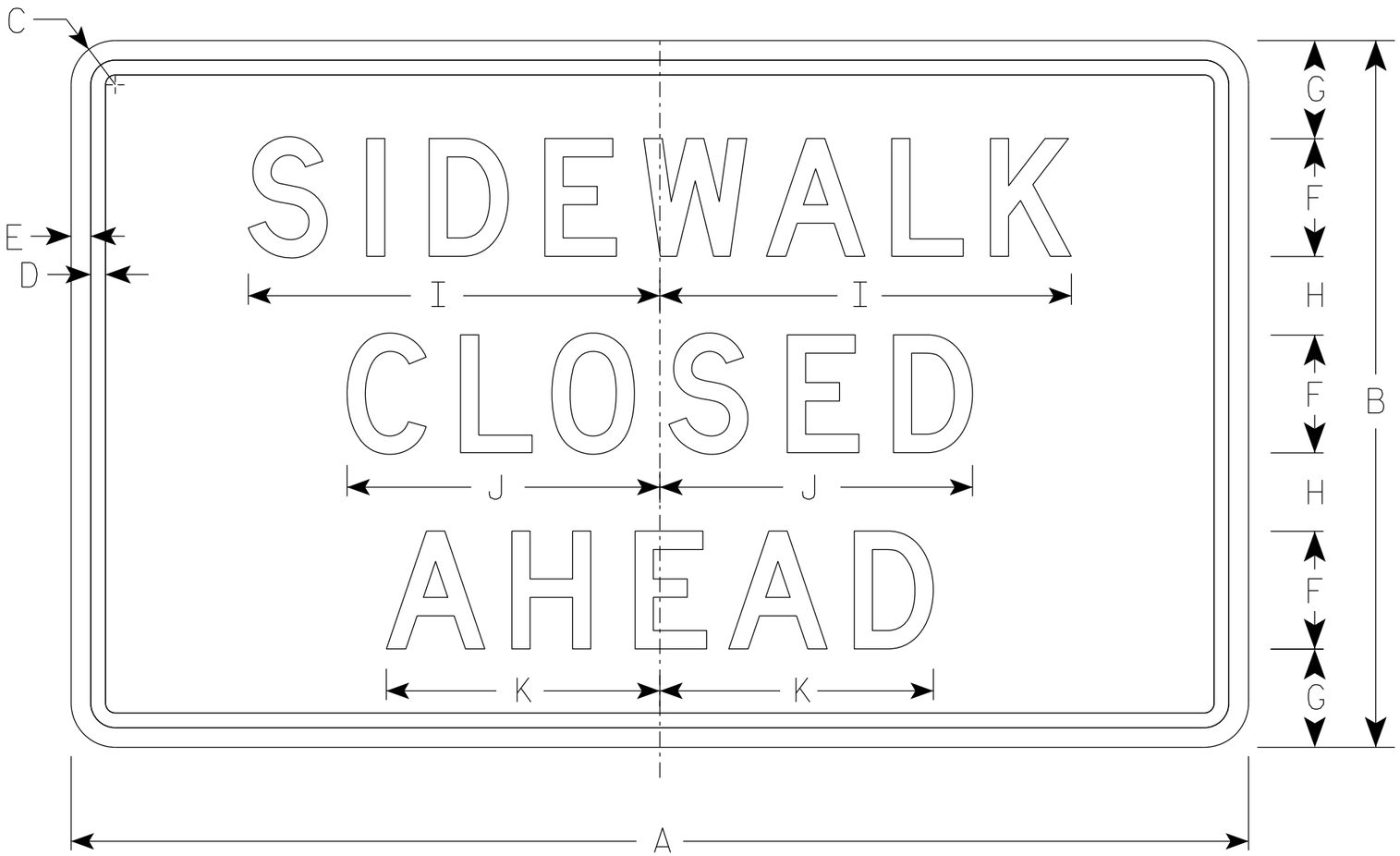
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 324 | 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																											

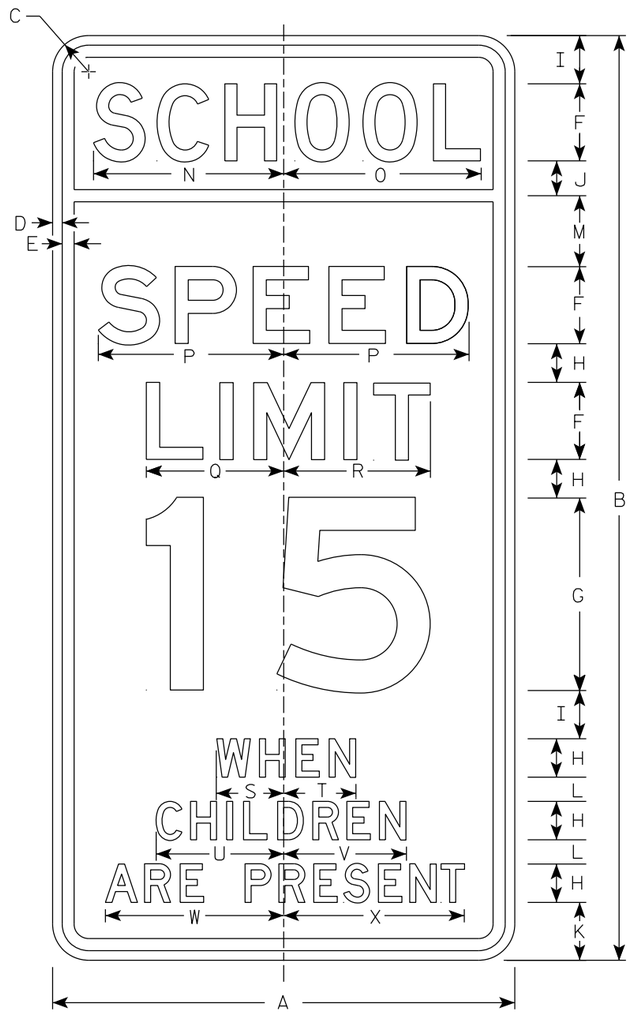
STANDARD SIGN
R9-9A

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: 325 | E



S4-51

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color:
   Background - See Note 4
   Message - Black
3. Message Series - See Note 5
4. Top panel (SCHOOL) background - Yellow Green - Type F Reflective
   Lower panel background - White - Type SH Reflective
5. From top to bottom:
   Lines 1, 5, 6 & 7 are series D
   Lines 2, 3 & 4 are series E
6. Line 4 substitute appropriate numerals and 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																											
2S	24	48	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
2M	24	48	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
3	36	72	3	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8			18.00
4																											
5																											

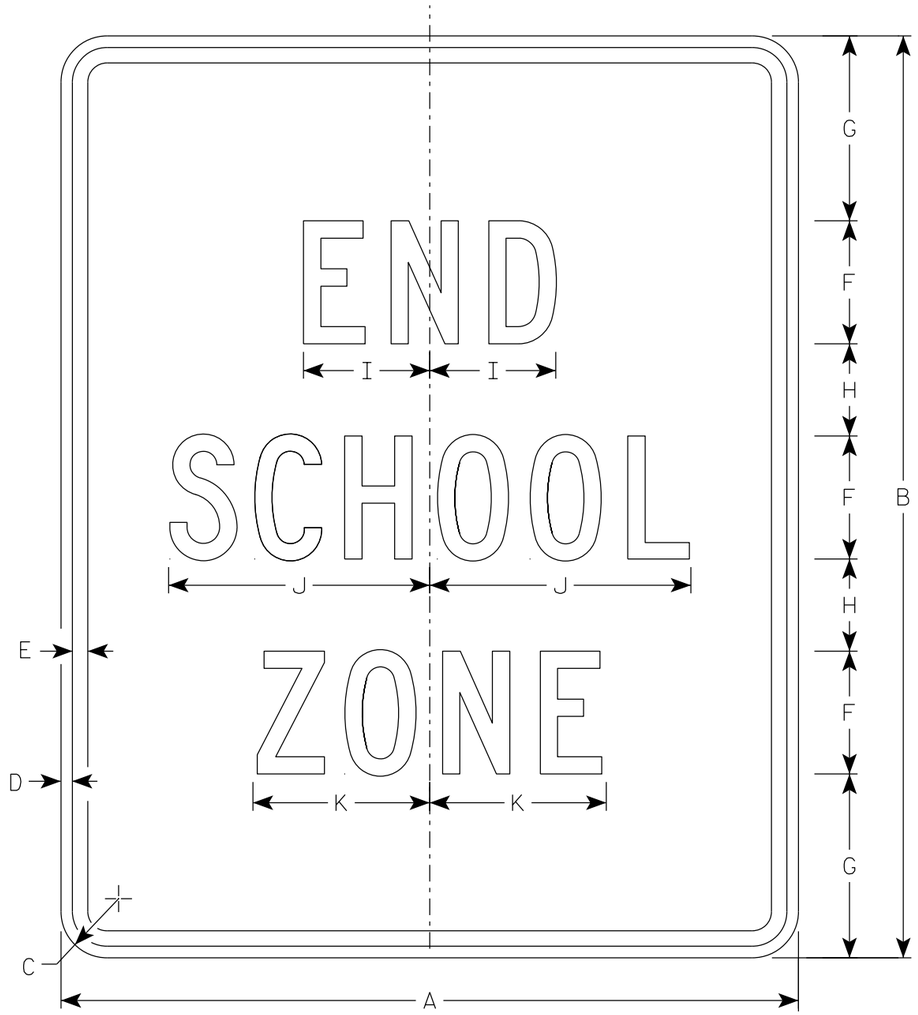
STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/22/2023 PLATE NO. S4-51.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 326	E



S5-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
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																											
2S	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
2M	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 7/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

STANDARD SIGN
S5-2

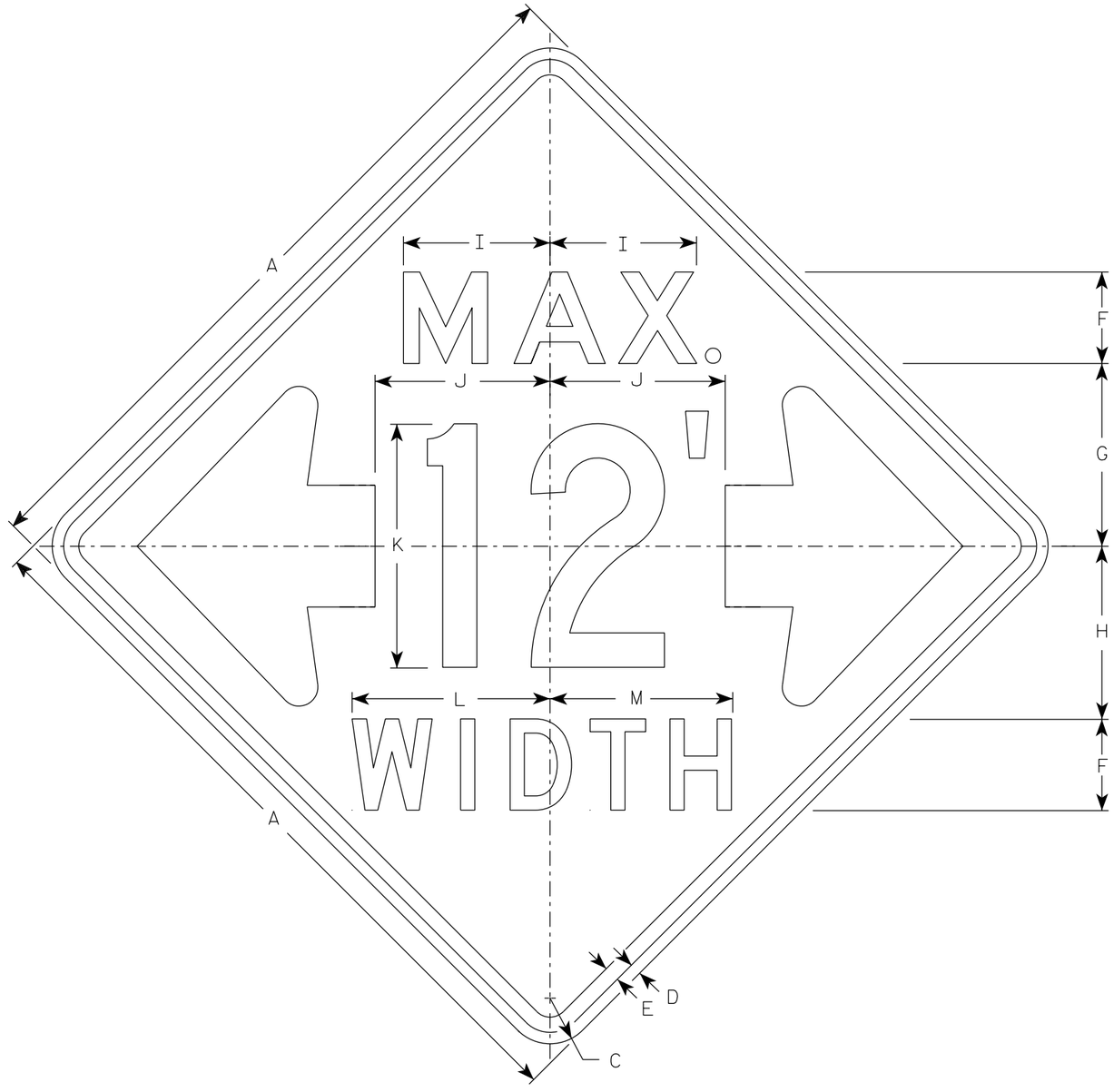
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/2023 PLATE NO. S5-2.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

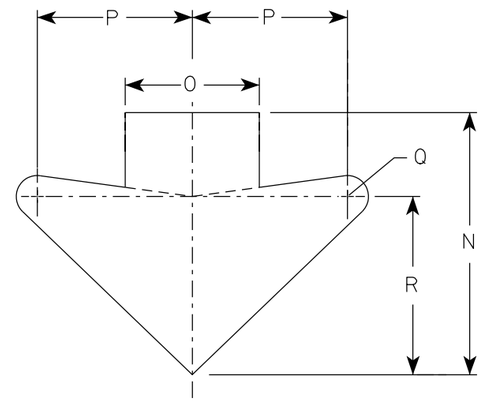
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\S52.dgn PLOT DATE : 23-FEB 2023 8:10 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W12-52

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. The top line is series E, the numerals are series C, and the bottom line is series D.
5. Substitute appropriate numerals and adjust spacing as required.



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	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
2M	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
3																											
4																											
5																											

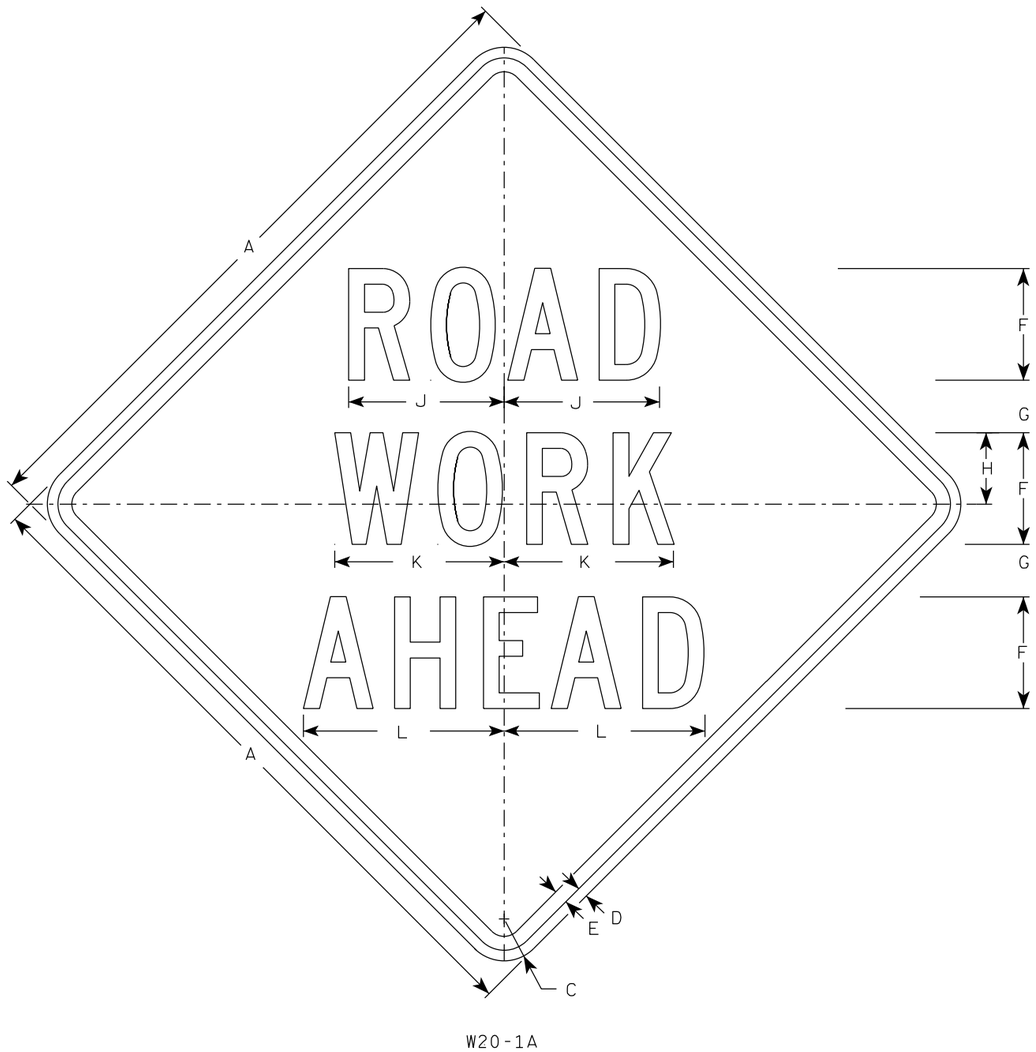
STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

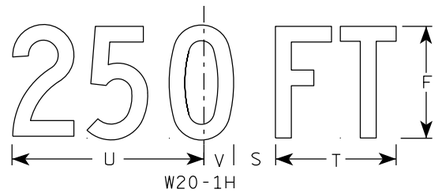
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/2024 PLATE NO. W12-52.8

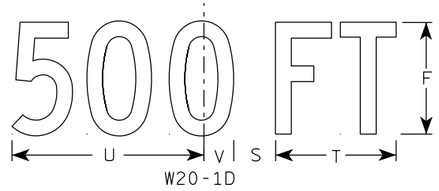
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 328 | E



W20-1A



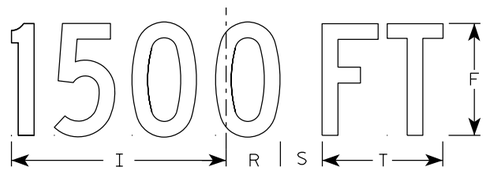
W20-1H



W20-1D



W20-1C



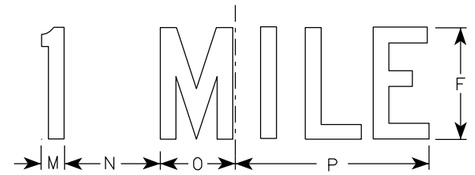
W20-1B

NOTES

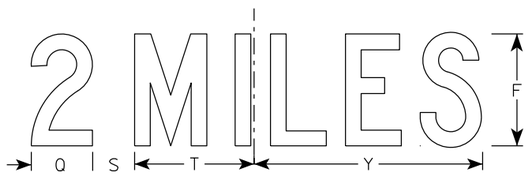
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



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

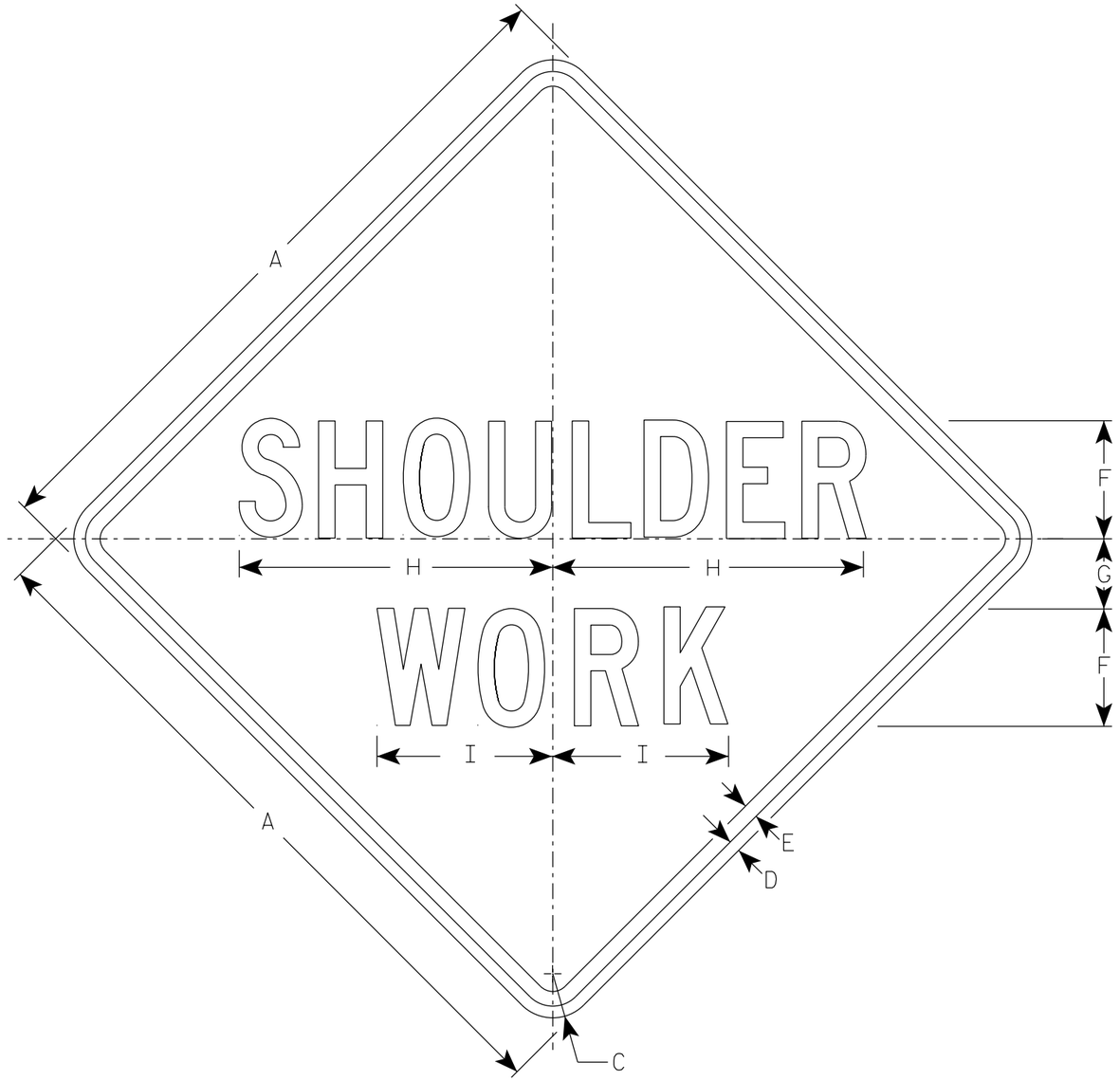
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

SHEET NO: 329 E



W21-5

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
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	36		2 1/4	5/8	3/4	6	3 1/2	16	9																		9.0
2S	48		3	3/4	1	8	5	21 3/8	11 1/4																		16.0
2M	48		3	3/4	1	8	5	21 3/8	11 1/4																		16.0
3	48		3	3/4	1	8	5	21 3/8	11 1/4																		16.0
4	48		3	3/4	1	8	5	21 3/8	11 1/4																		16.0
5	48		3	3/4	1	8	5	21 3/8	11 1/4																		16.0

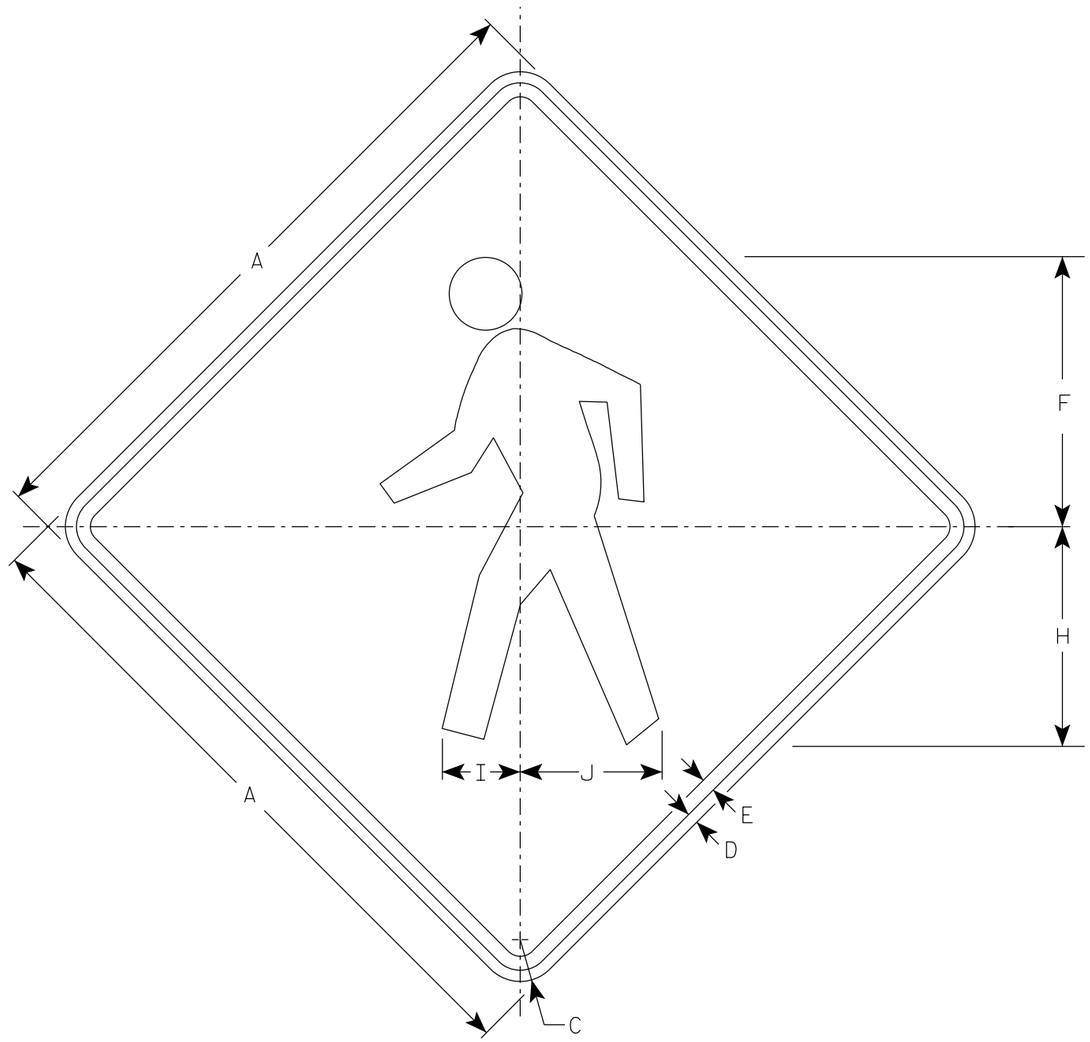
STANDARD SIGN
W21-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/11/2024 PLATE NO. W21-5.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 330 | E



WO11-2

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	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
2S	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
2M	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
3	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN

WO11-2

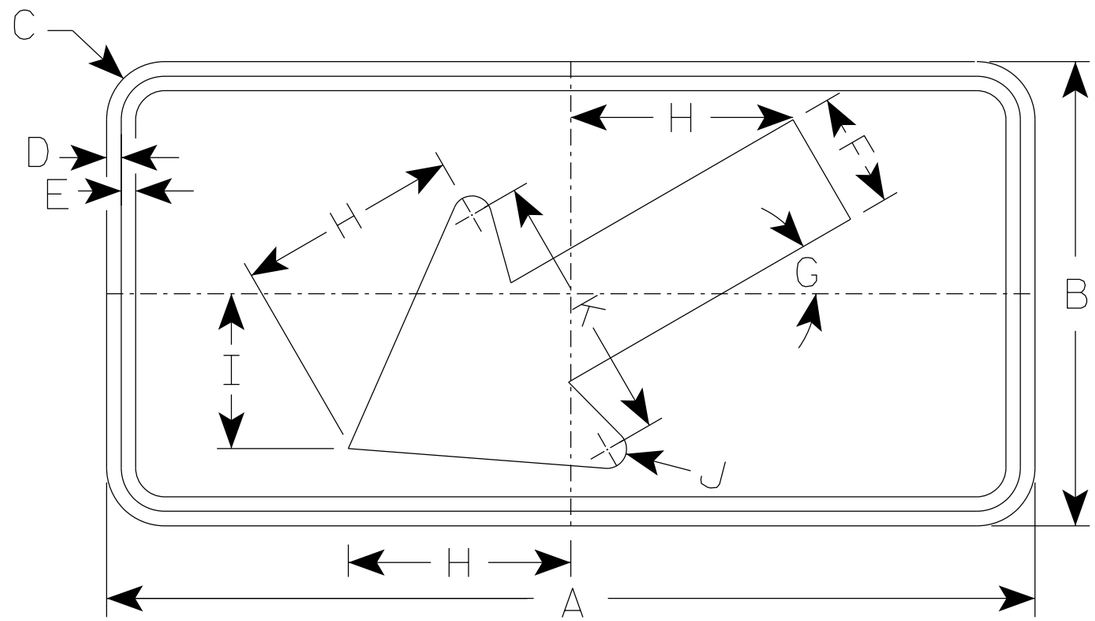
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

For State Traffic Engineer

DATE 2/1/2024 PLATE NO. WO11-2.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 331 | E



W016-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded but corners shall be rounded when base material is metal.
4. W016-7R is the same as W016-L 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	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
2S	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
2M	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
3	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
4	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
5	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0

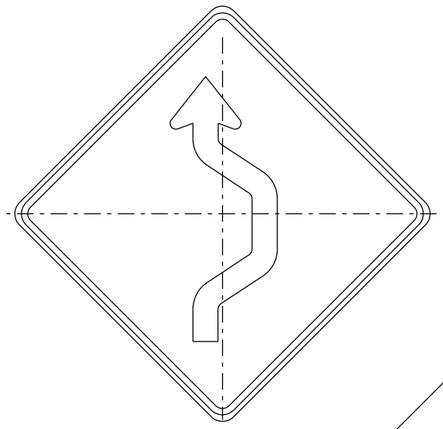
STANDARD SIGN
W016-7

WISCONSIN DEPT OF TRANSPORTATION

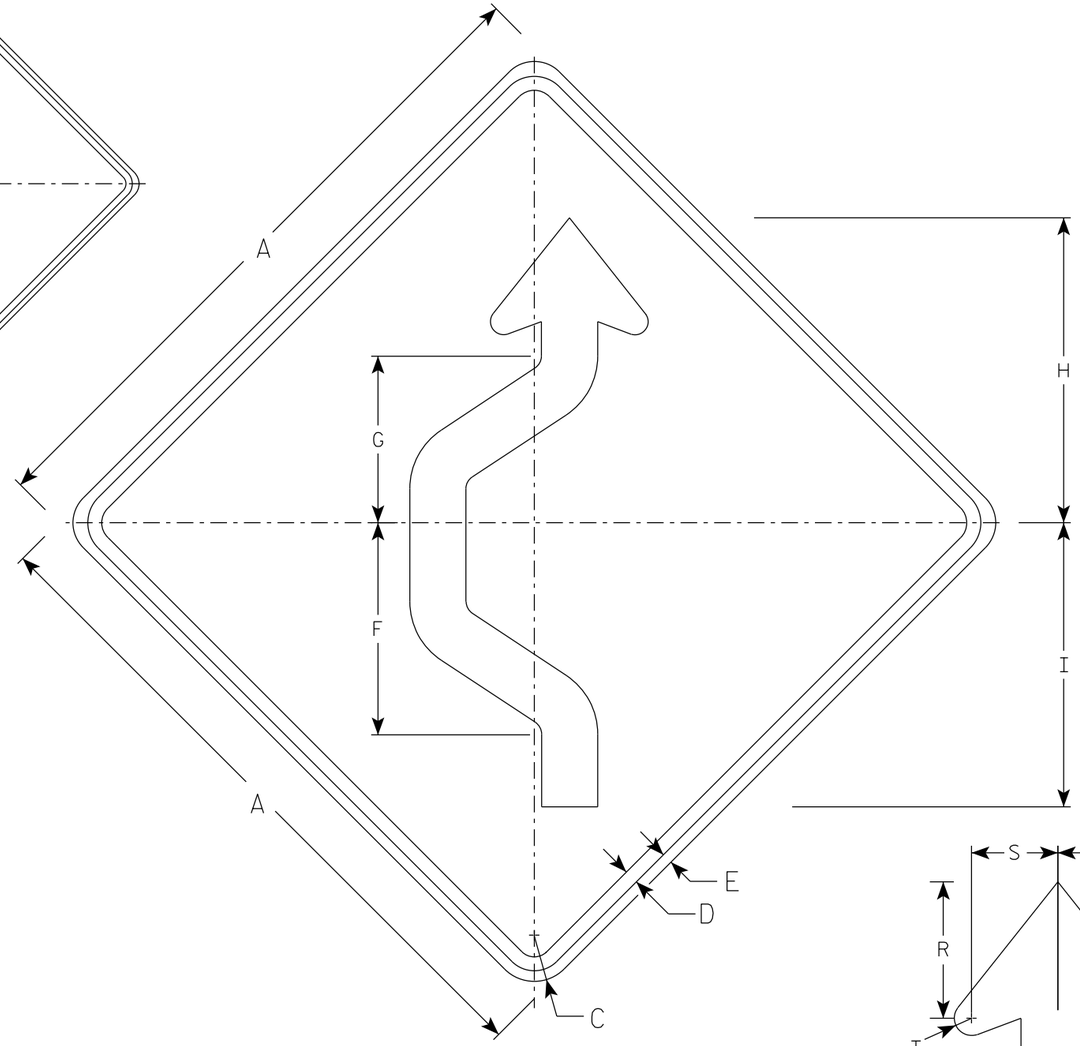
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W016-7.3

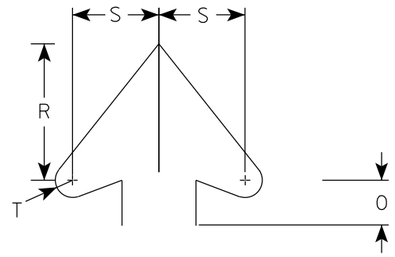
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 332	E



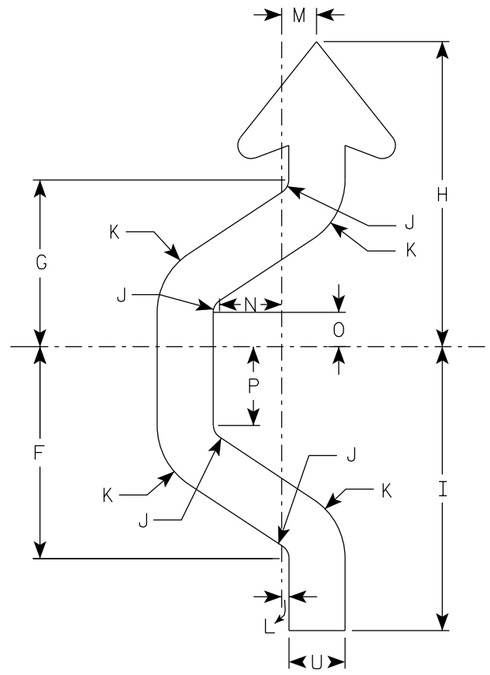
W024-1R



W024-1L



Arrowhead Detail



Arrow Detail

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. W024-1R is the same as W024-1L except 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	1/2	11 3/8	8 7/8	16 3/8	15 1/4	3/4	3 3/4	3/8	2	3 3/8	1 7/8	4 1/4		5 1/2	3 1/2	5/8	3						9.0
2S	48		3	1	3/4	15 1/8	11 7/8	21 3/4	20 1/4	1	5	1/2	2 1/2	4 3/8	2 3/8	5 5/8		7 3/8	4 3/4	7/8	4						16.0
2M	48		3	1	3/4	15 1/8	11 7/8	21 3/4	20 1/4	1	5	1/2	2 1/2	4 3/8	2 3/8	5 5/8		7 3/8	4 3/4	7/8	4						16.0
3	48		3	1	3/4	15 1/8	11 7/8	21 3/4	20 1/4	1	5	1/2	2 1/2	4 3/8	2 3/8	5 5/8		7 3/8	4 3/4	7/8	4						16.0
4	48		3	1	3/4	15 1/8	11 7/8	21 3/4	20 1/4	1	5	1/2	2 1/2	4 3/8	2 3/8	5 5/8		7 3/8	4 3/4	7/8	4						16.0
5	48		3	1	3/4	15 1/8	11 7/8	21 3/4	20 1/4	1	5	1/2	2 1/2	4 3/8	2 3/8	5 5/8		7 3/8	4 3/4	7/8	4						16.0

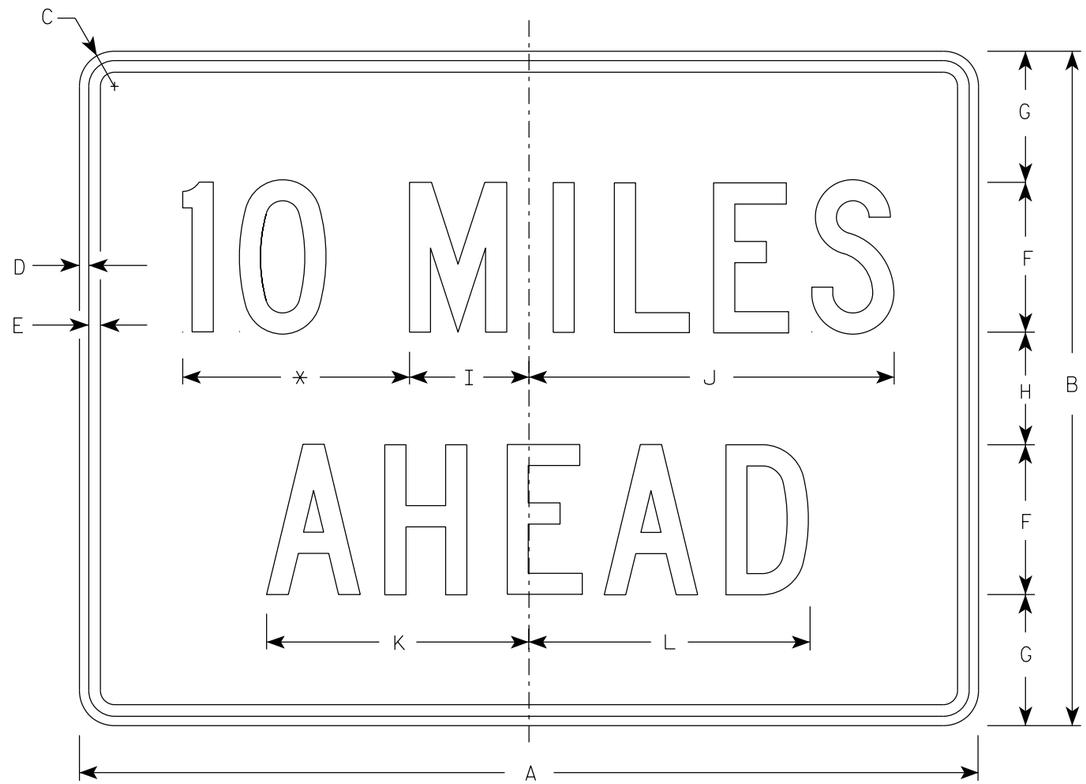
STANDARD SIGN
W024-1 L & R

WISCONSIN DEPT OF TRANSPORTATION

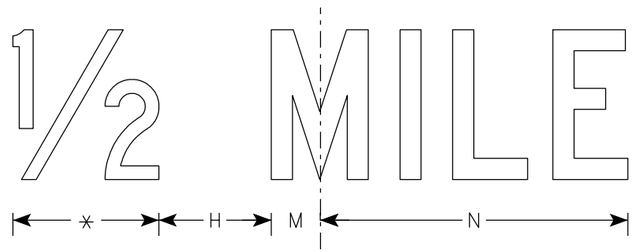
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W024-1.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



W057-52



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.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

* 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	24	1 1/2	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
2S	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
2M	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
3	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
4	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
5	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0

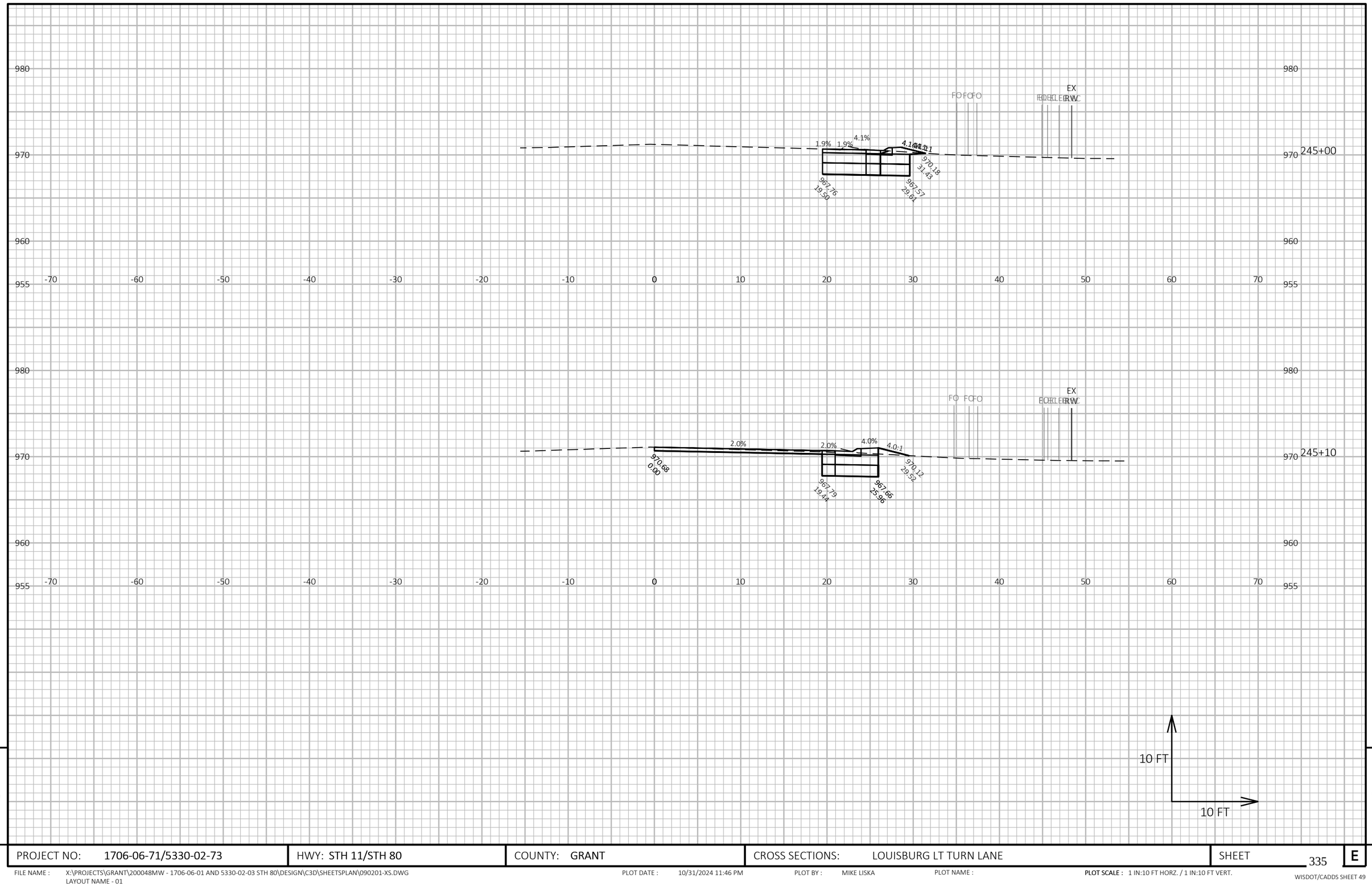
STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W057-52.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 334 E



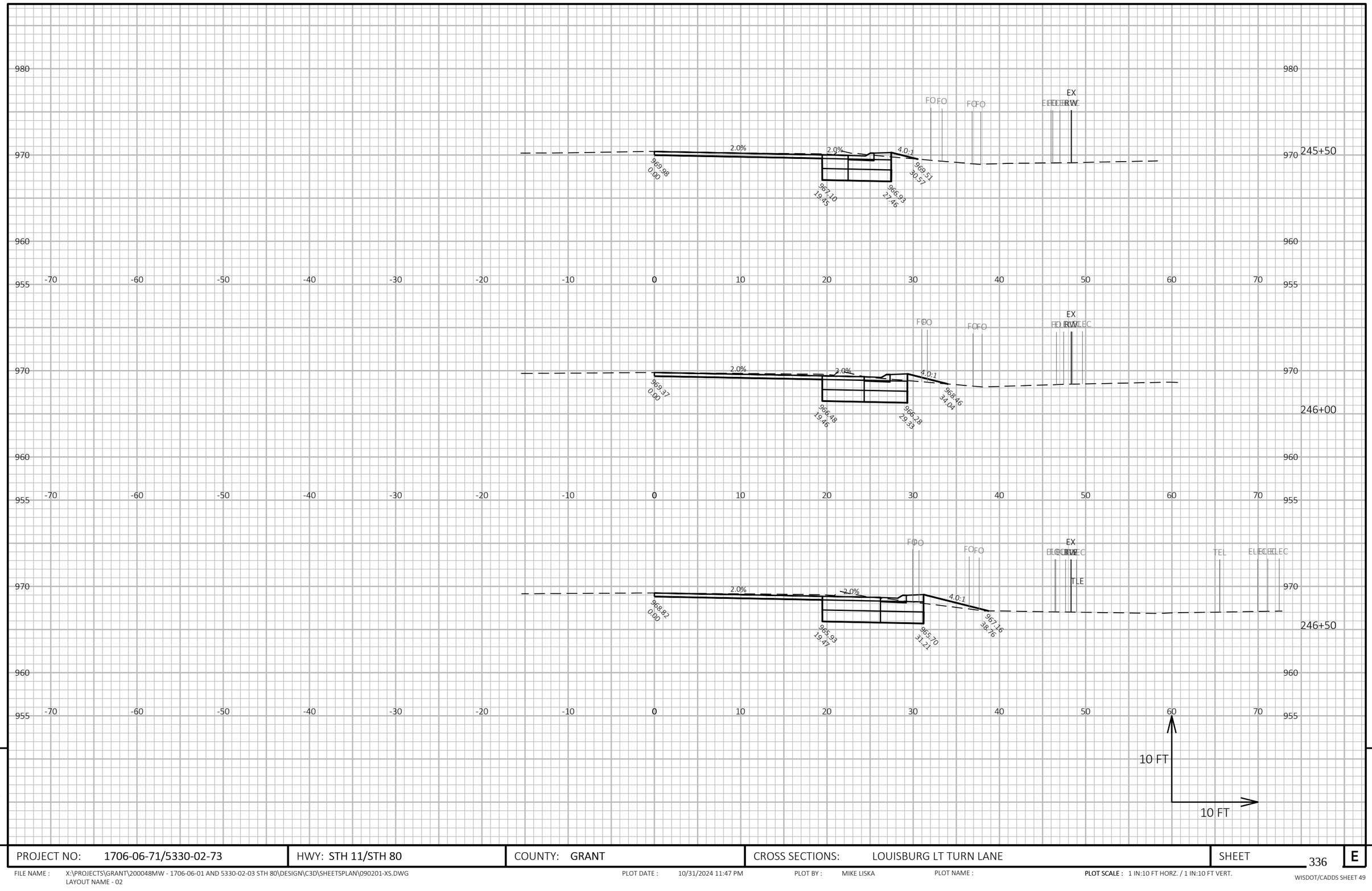
9

9

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 335	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 10/31/2024 11:46 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

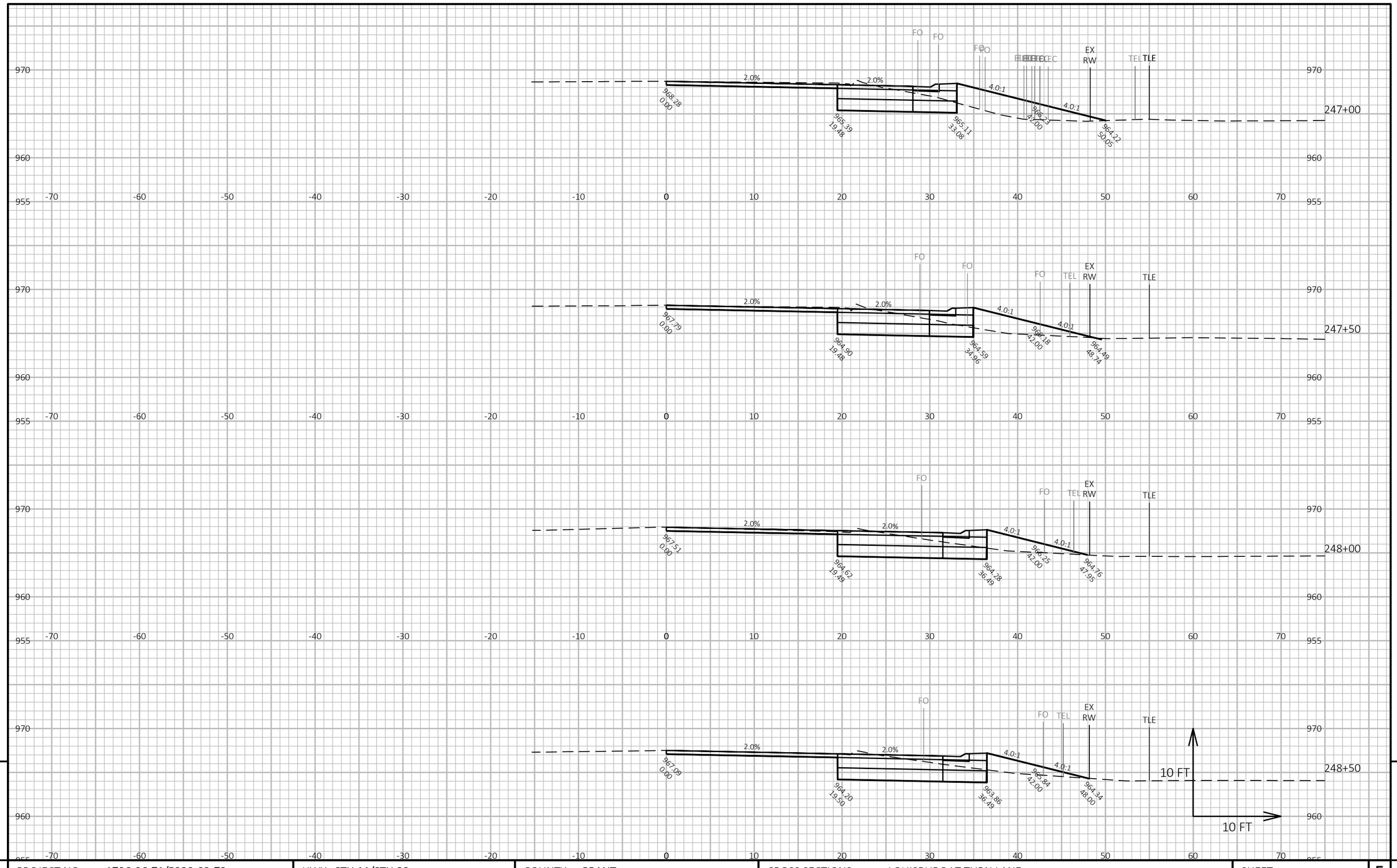


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 336	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 10/31/2024 11:47 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

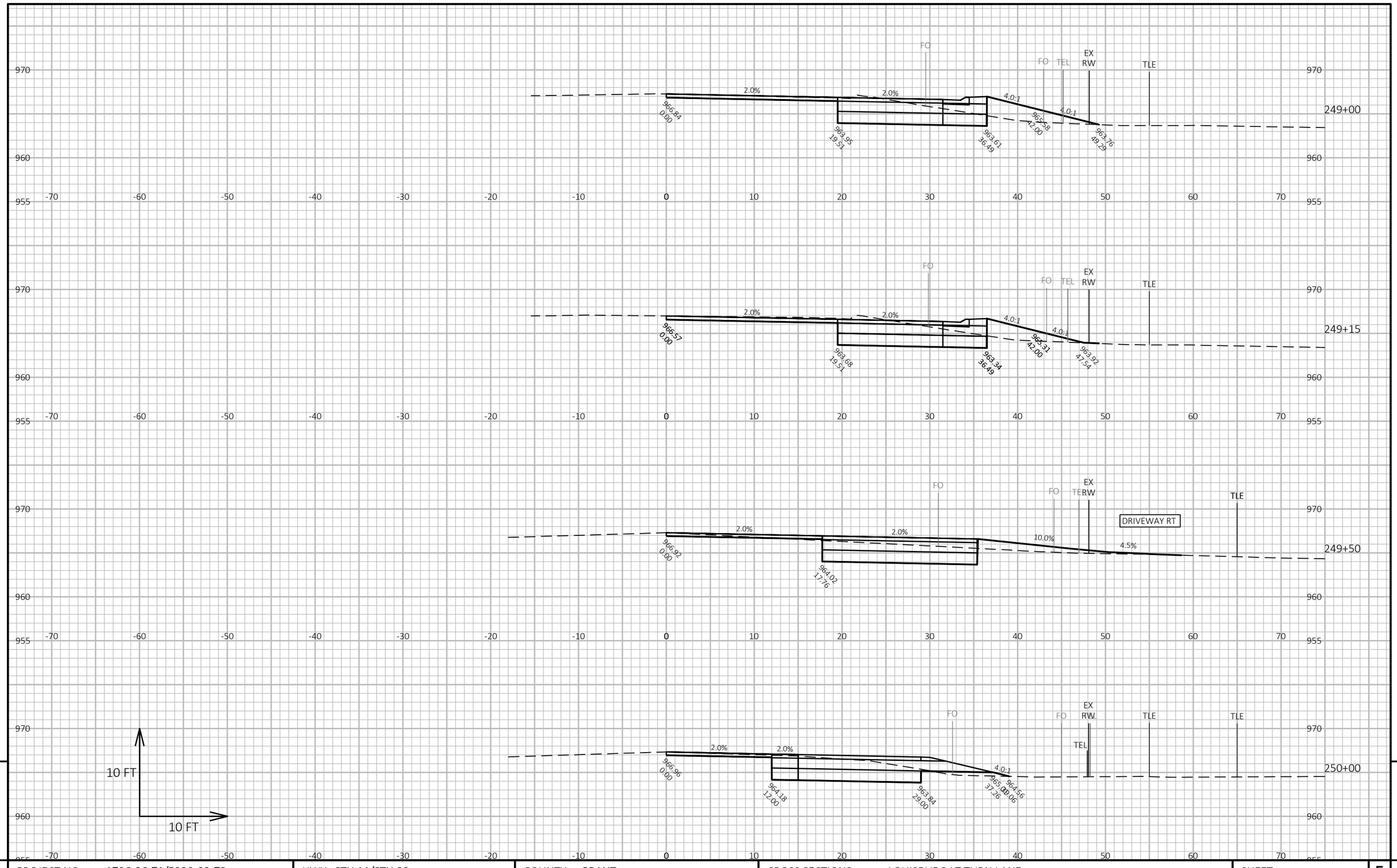


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 337	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 10/31/2024 11:48 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

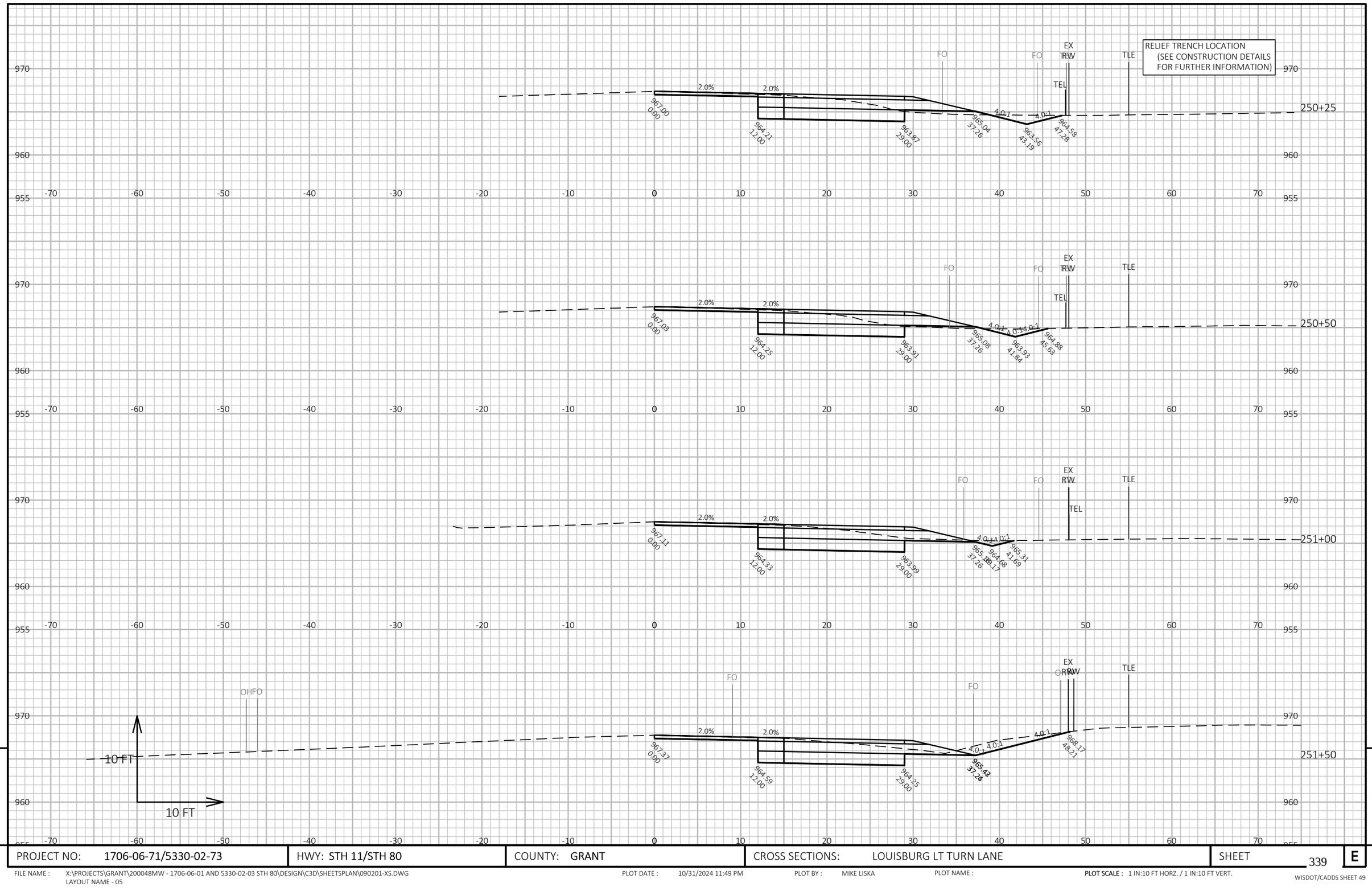


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 338	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 10/31/2024 11:48 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



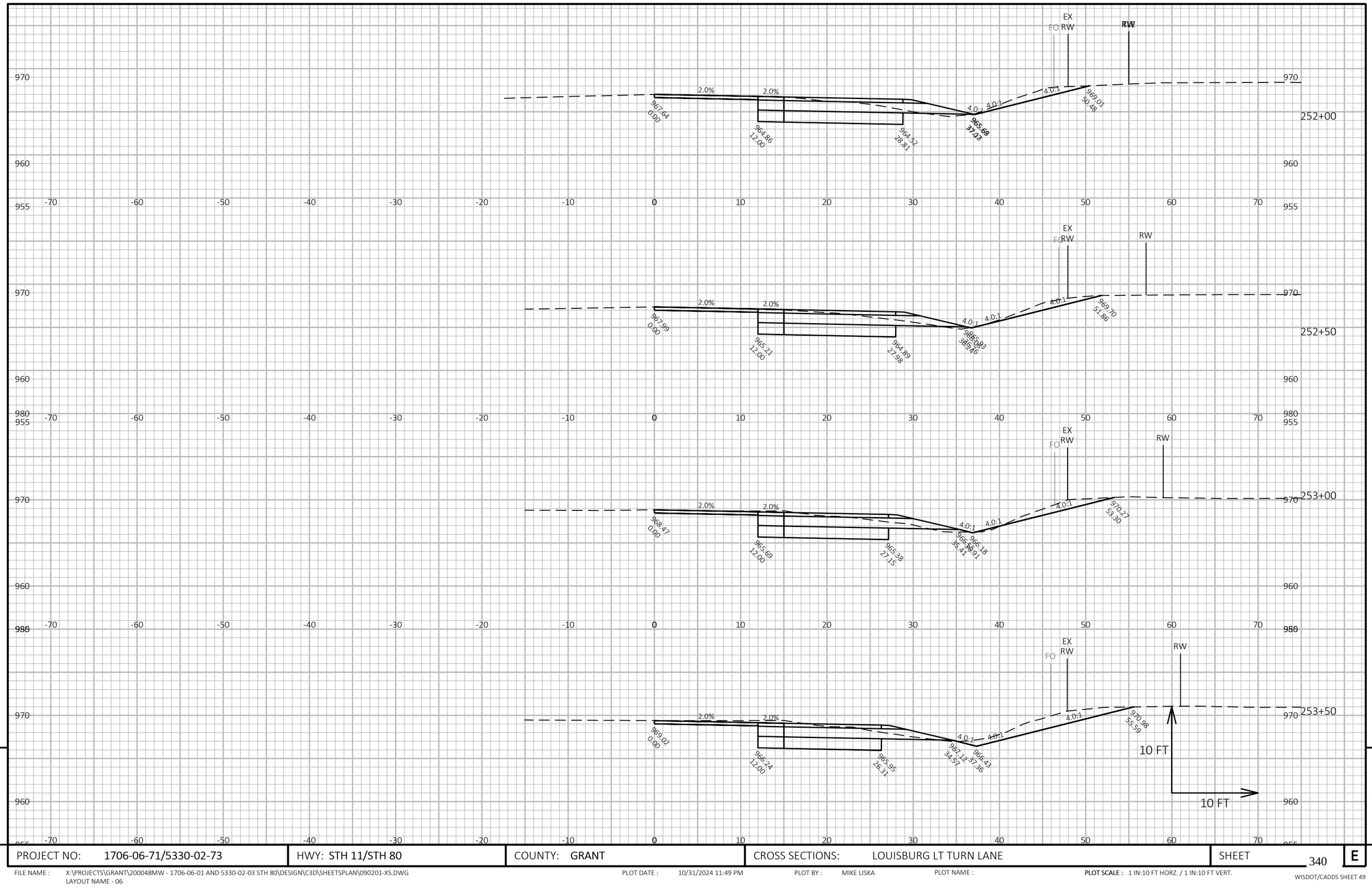
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PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 339	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 10/31/2024 11:49 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



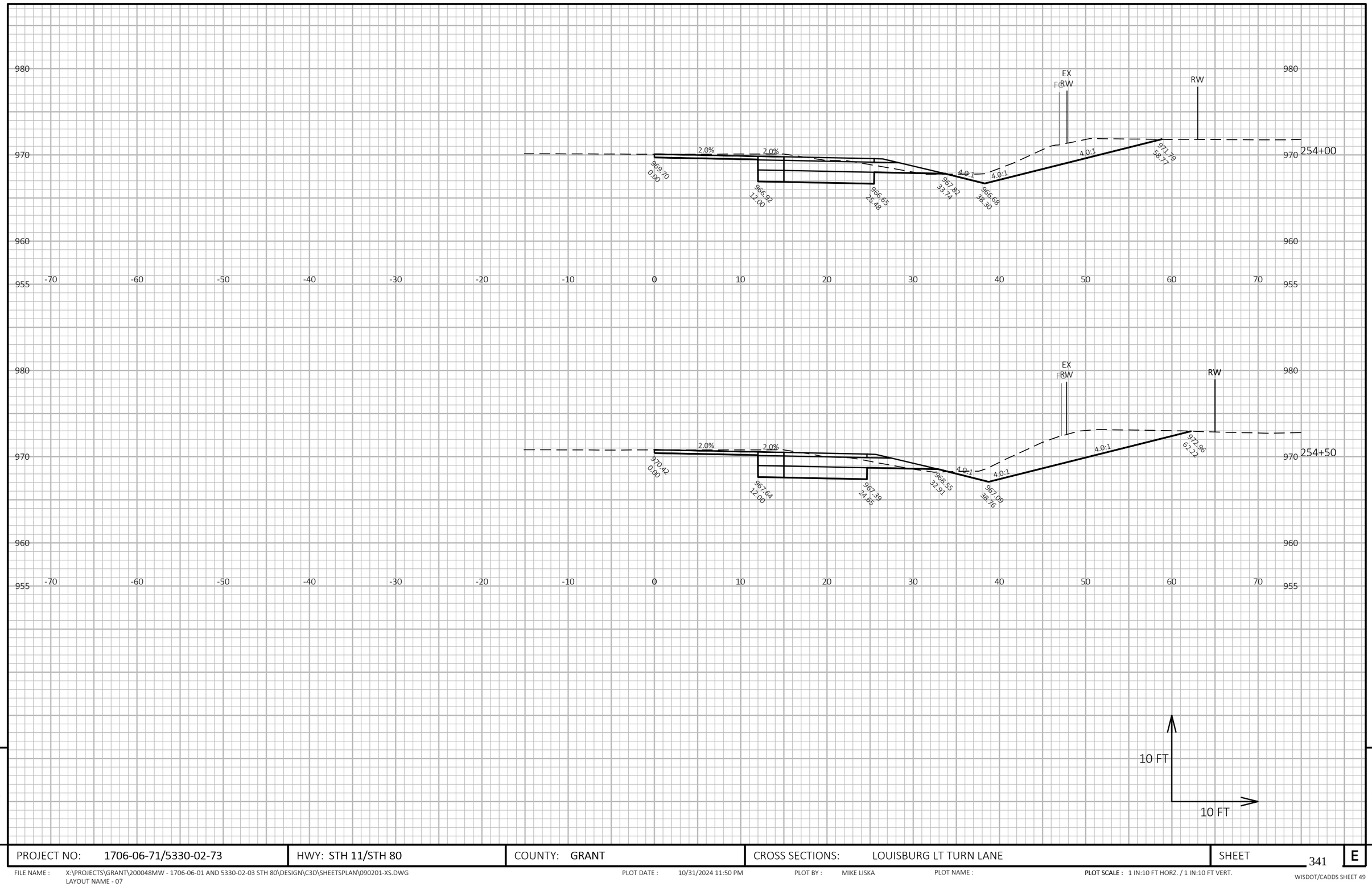
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PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 340	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 10/31/2024 11:49 PM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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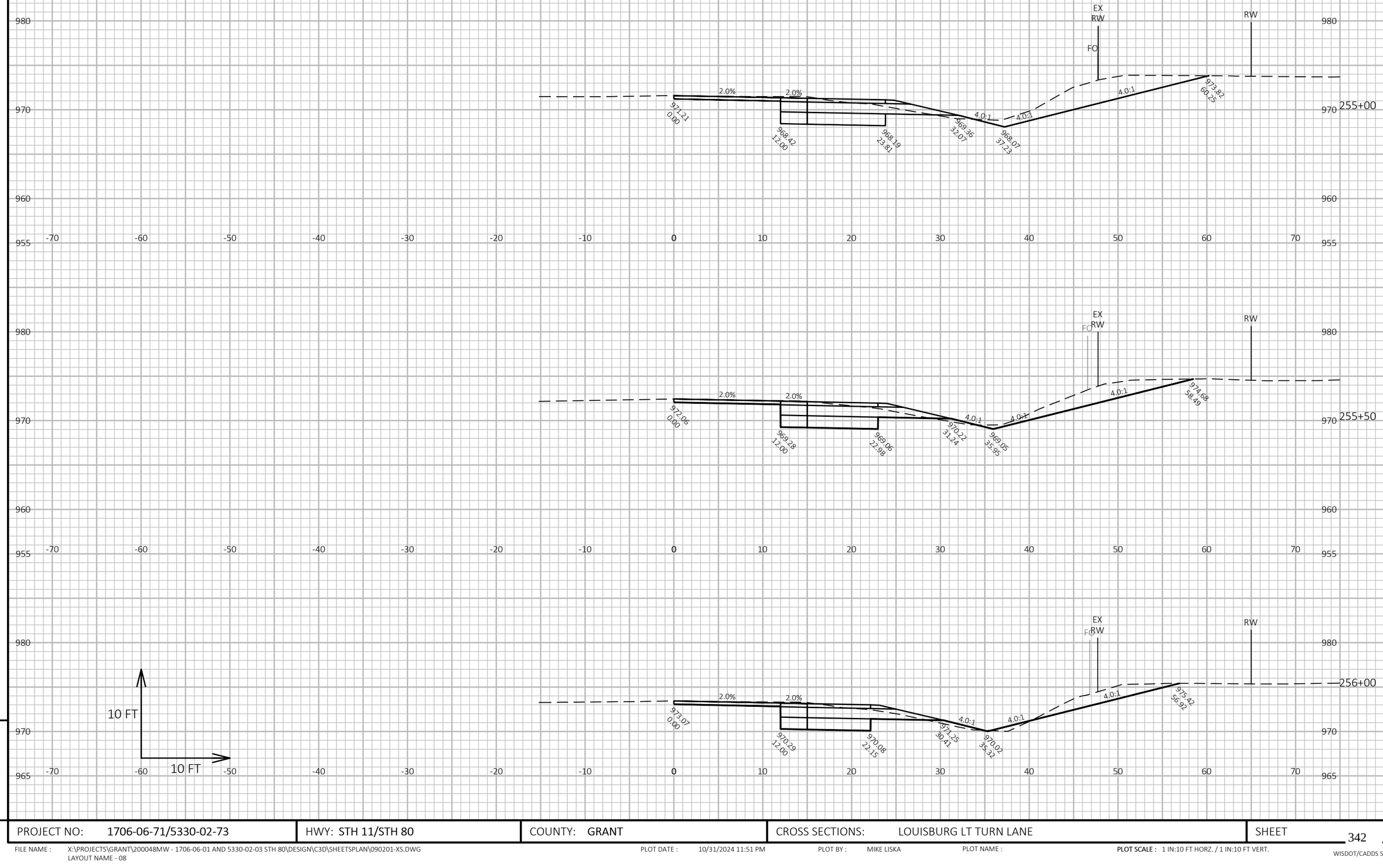
PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 341	E

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FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 10/31/2024 11:50 PM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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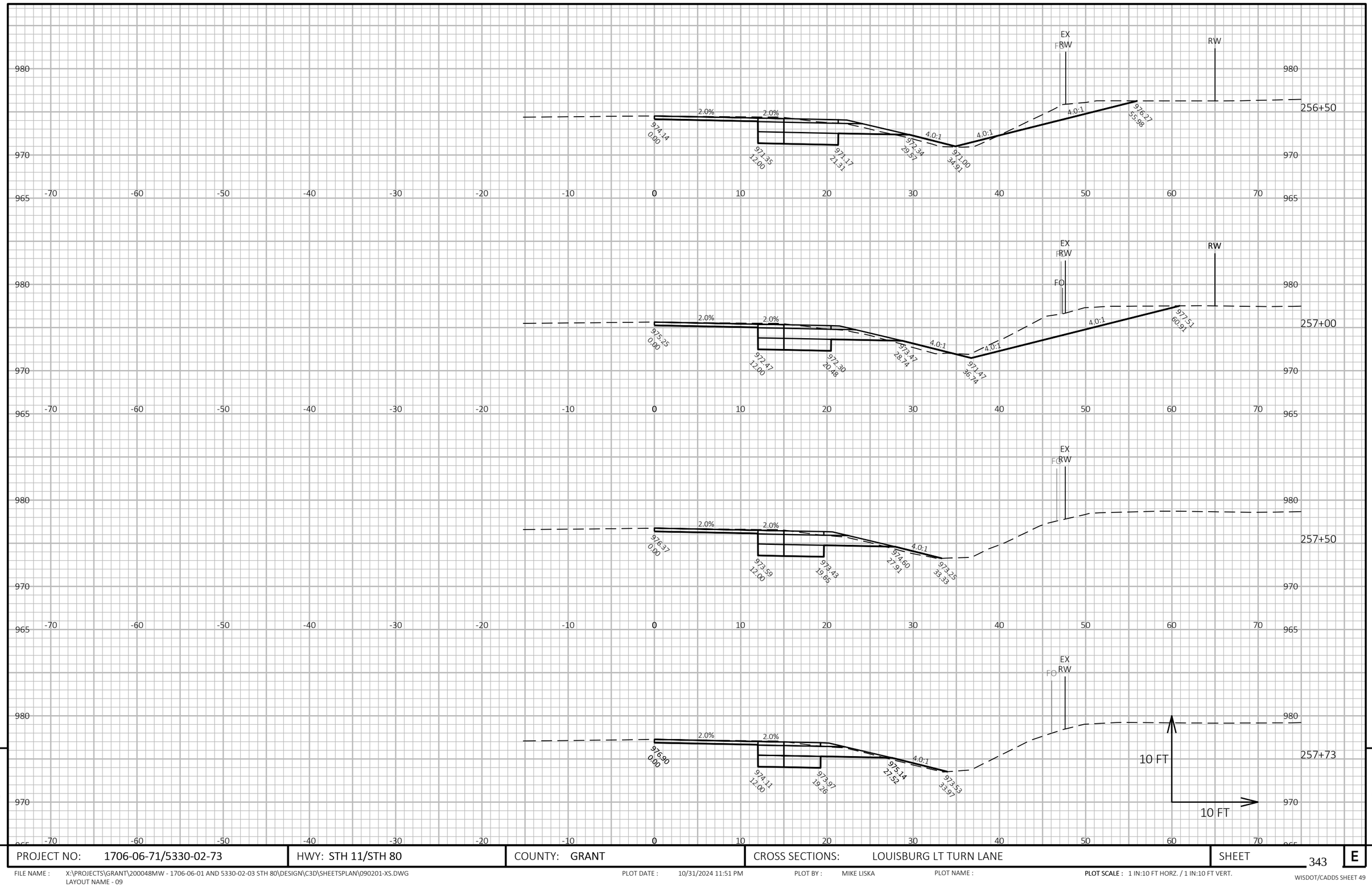
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PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 342	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 10/31/2024 11:51 PM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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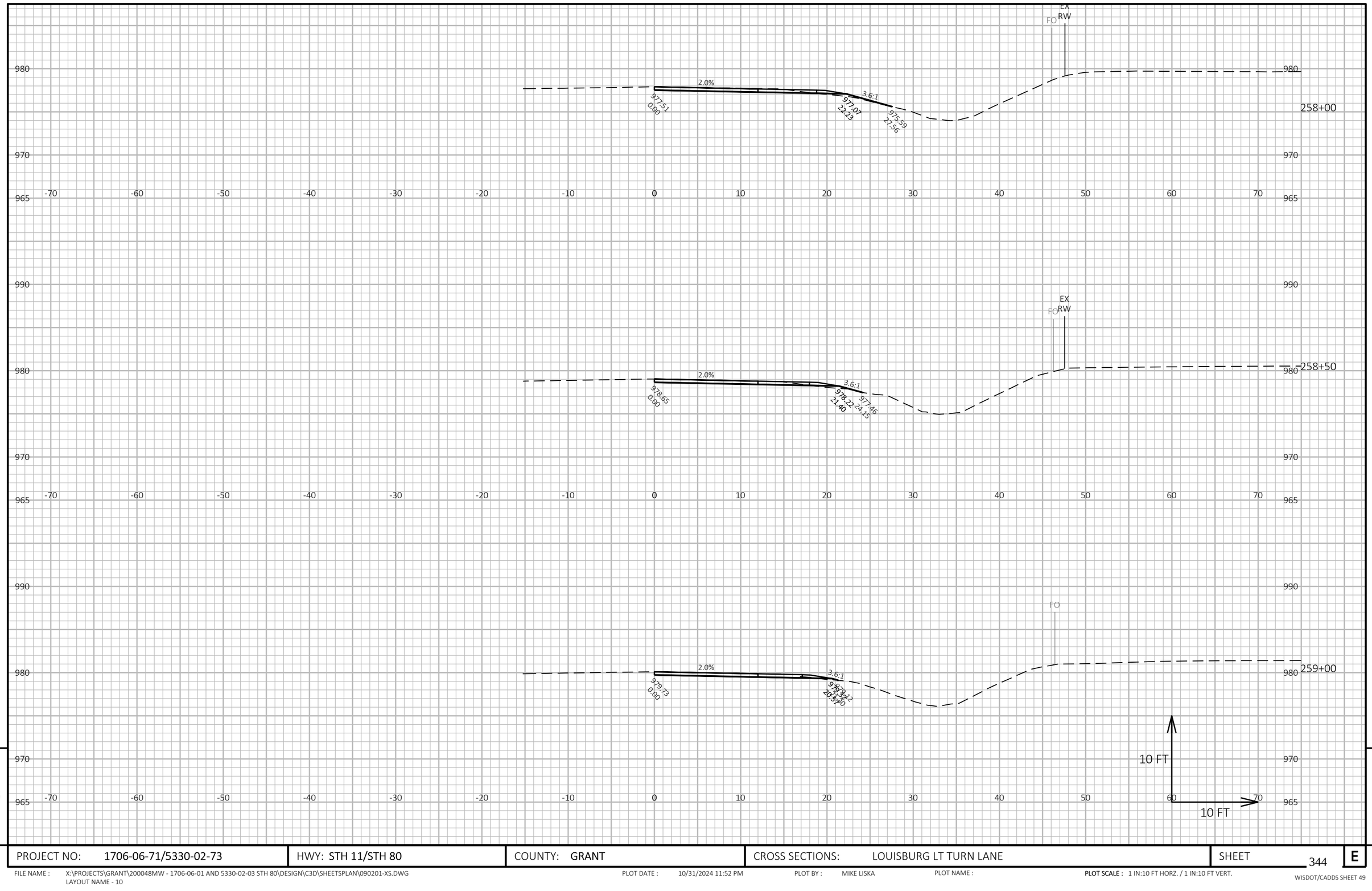
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PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 343	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 10/31/2024 11:51 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 344 E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 10

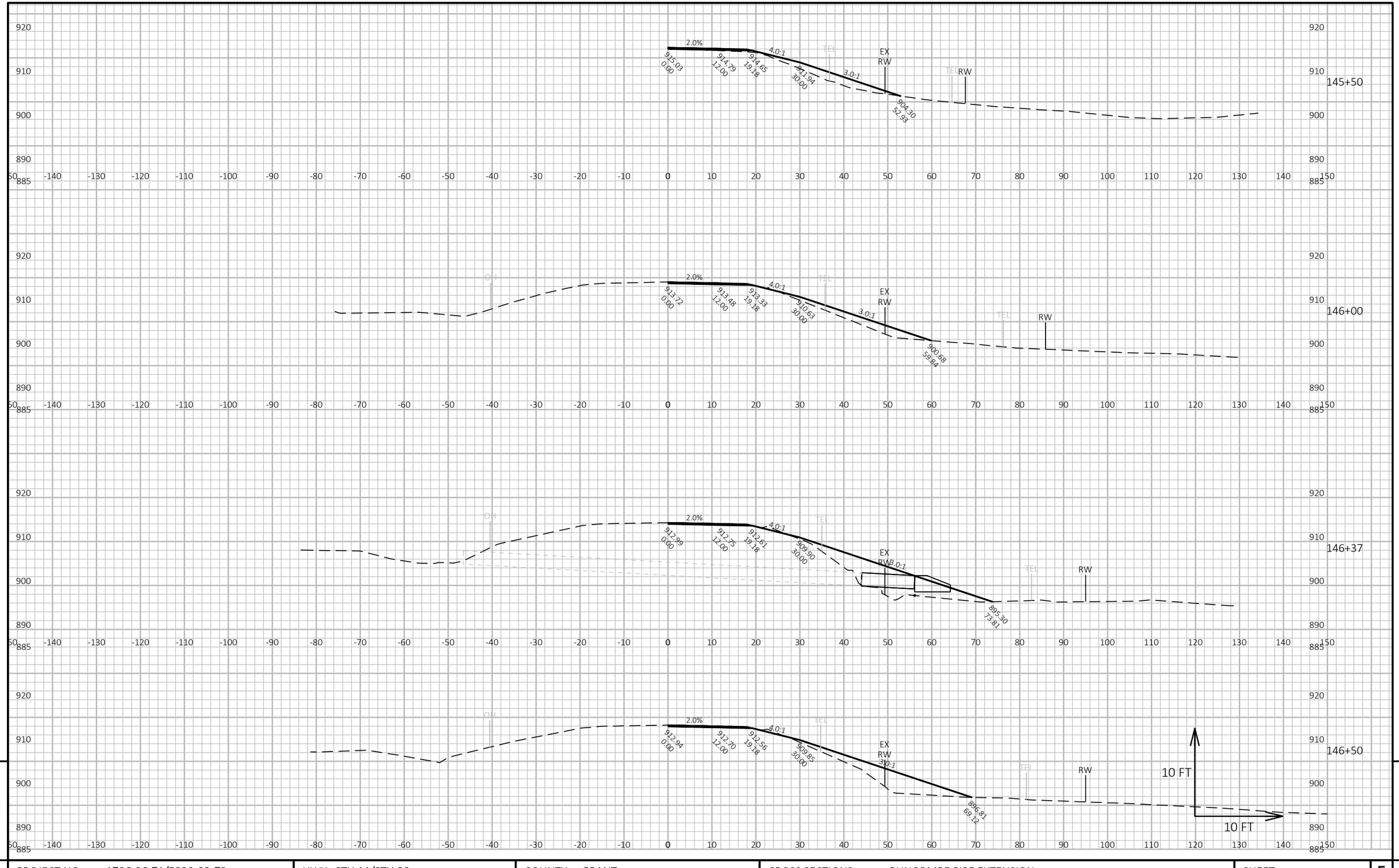
PLOT DATE : 10/31/2024 11:52 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

990
980
970
965
-70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70
990
980
970
965
259+09
FO
2.0%
3.6:1
979.93
0.00
979.33
26.28
10 FT
10 FT
9
9

PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: LOUISBURG LT TURN LANE	SHEET 345	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 11
PLOT DATE : 10/31/2024 11:52 PM PLOT BY : MIKE LISKA PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

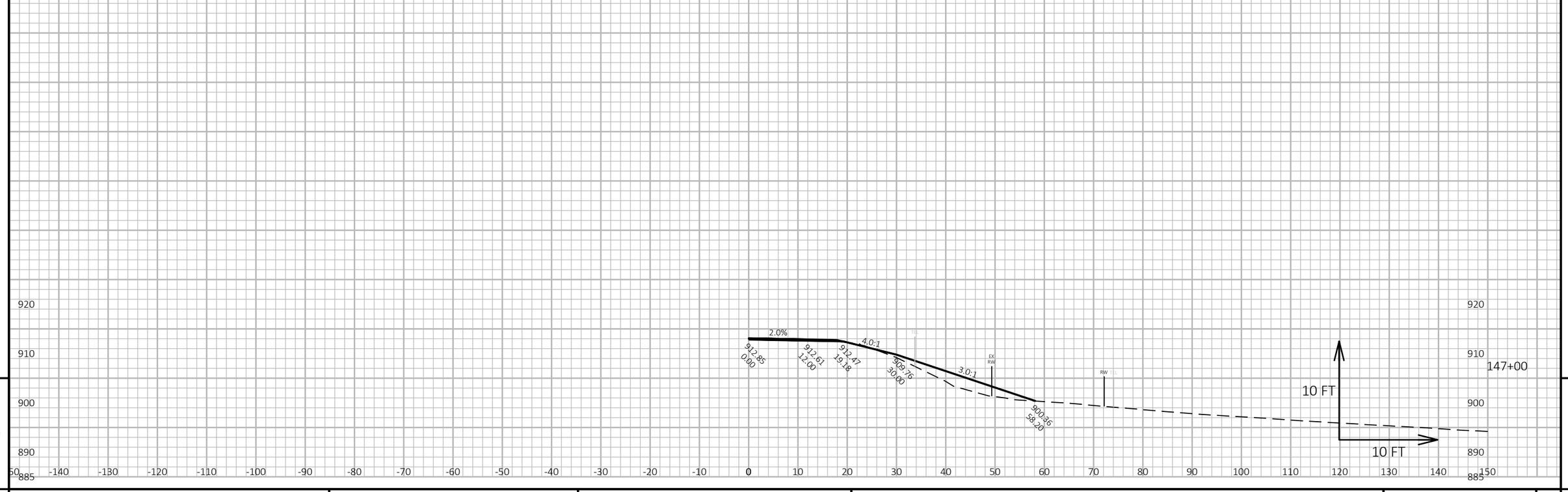


PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: BUNCOMBE PIPE EXTENSION	SHEET 346 E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\DESIGN\CORRIDORS\CRDR-BUNCOMBE RD.DWG
LAYOUT NAME - 090202 - xs - 01

PLOT DATE : 7/13/2024 5:35 PM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1706-06-71/5330-02-73	HWY: STH 11/STH 80	COUNTY: GRANT	CROSS SECTIONS: BUNCOMBE PIPE EXTENSION	SHEET 347	E

FILE NAME : X:\PROJECTS\GRANT\200048MW - 1706-06-01 AND 5330-02-03 STH 80\DESIGN\C3D\DESIGN\CORRIDORS\CRDR-BUNCOMBE RD.DWG
LAYOUT NAME - 090202 - xs - 02

PLOT DATE : 7/13/2024 5:35 PM PLOT BY : MIKE LISKA PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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