MAD

PROJECT ID: WITH: 5770-02-72

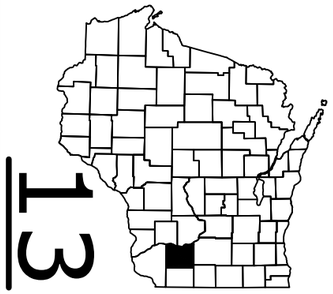
5770-02-70

COUNTY: **IOWA COUNTY**

DECEMBER 2026
ORDER OF SHEETS

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

TOTAL SHEETS = 202



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 23 - LONE ROCK

STH 23 TO STH 133

STH 130

IOWA COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5770-02-70		
5770-02-72	WISC 2027069	1

STATE PROJECT NUMBER
5770-02-70

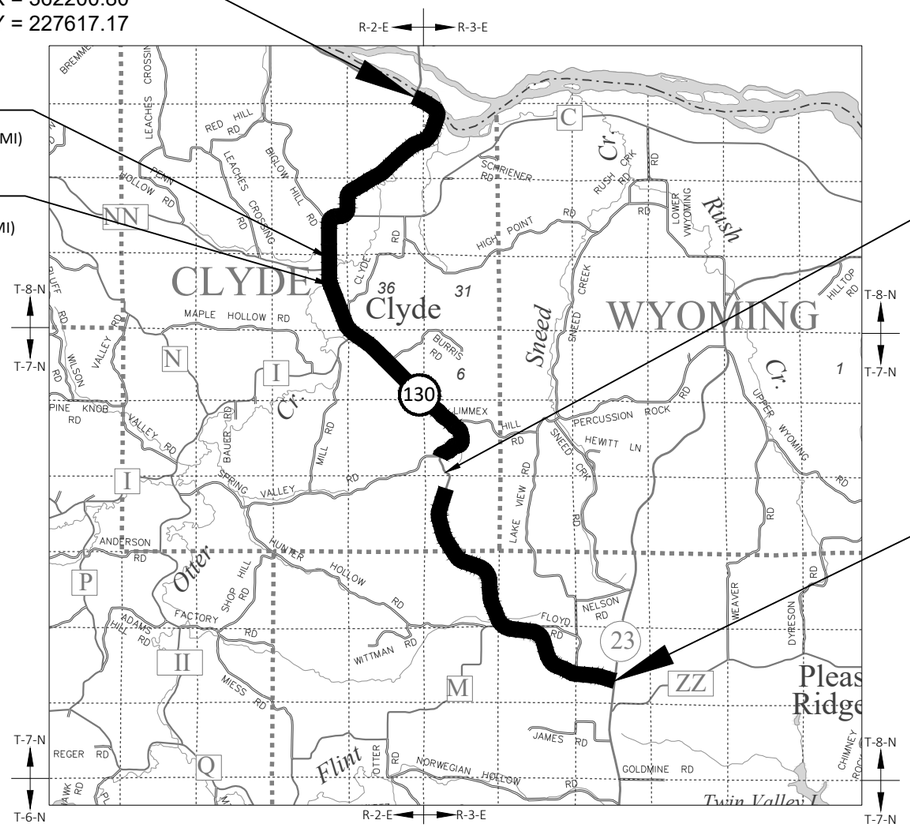
END PROJECT
STA 678+46
X = 362200.80
Y = 227617.17

STRUCTURE B-25-0934
STA 519+37 - STA 519+62
NET EXCEPTION TO CL LENGTH (0.005 MI)

STRUCTURE B-25-0151
STA 505+11 - STA 507+00
NET EXCEPTION TO ℄ LENGTH (0.036 MI)

PROJECT 5770-02-72
STA 309+50 - STA 333+65
NET EXCEPTION TO ℄ LENGTH (0.457 MI)

BEGIN PROJECT
STA 100+80
X = 375990.68
Y = 186977.05



LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 10.400 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WCCS), IOWA 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 18.

DESIGN DESIGNATION

A.A.D.T.	2027	=	1,310
A.A.D.T.	2047	=	1,500
D.H.V.		=	206
D.D.		=	60/40
T.		=	17.2%
DESIGN SPEED		=	60 MPH
ESALS		=	470,000

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 DEVELOPED BY
WISDOT SW REGION

WISCONSIN DEPARTMENT OF TRANSPORTATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SW REGION
Designer	ERIN CLEMENTS
Project Manager	JOSHUA NELSON, P.E.
Regional Examiner	SW REGION
Regional Supervisor	JIM SIMPSON, P.E., P.L.S.

APPROVED FOR THE DEPARTMENT
DATE: 7/20/2026 Joshua B Nelson
(Signature)

E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\010101-TI.DWG PLOT DATE : 6/17/2026 9:41 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME :

UTILITIES CONTACTS

ALLIANT ENERGY
ELECTRICITY
ZACH CADY
490 SHAKERAG ST
MINERAL POINT, WI
PHONE: (608) 963-5271
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ATC MANAGEMENT, INC.
ELECTRICITY-TRANSMISSION
DOUG VOSBERG
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COTTAGE GROVE, WI 53527
PHONE: (608) 877-7650
EMAIL: DVOSBERG@ATCLLC.COM

FRONTIER COMMUNICATIONS OF WI LLC
COMMUNICATIONS
MARK SHANNON
451 BROADWAY DRIVE
SUN PRAIRIE, WI 53590
PHONE: (507) 327-3679
EMAIL: MARK.SHANNON1@VERIZON.COM

BUG TUSSEL WIRELESS, LLC
COMMUNICATION
DUSTIN TEAFF
1262 CAMBER CT
DE PERE, WI 54115
PHONE: (920) 254-3539
EMAIL: DUSTIN.TEAFF@BTUSSEL.COM

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

WISCONSIN DNR LIAISON

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SOUTH CENTRAL REGION
3911 FISH HATCHERY RD
FITCHBURG, WI 53711
PHONE: (608) 228-7927
EMAIL: ERIC.HEGGELUND@WISCONSIN.GOV

COUNTY HIGHWAY COMMISSIONER

CRAIG HARDY
IOWA COUNTY
1215 N BEQUETTE ST
DODGEVILLE, WI 53533
PHONE: (608) 935-3381 EXT. 605
EMAIL: CRAIG.HARDY@IOWACOUNTY.ORG

DESIGN PROJECT MANAGER

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DESIGN PROJECT LEADER

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PHONE: (608) 261-6122
EMAIL: ERIN.CLEMENTS@DOT.WI.GOV

GENERAL NOTES

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

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS, OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

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

APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

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

RIGHT OF WAY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE, SUBBASE, OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYERS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

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

RADIUS DIMENSIONS FOR THE CURB AND GUTTER ARE TO THE FLANGE LINE UNLESS OTHERWISE NOTED.

PAVEMENT REMOVAL WILL BE TO THE NEAREST JOINT OR A SAWED EDGE WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.

PRIOR TO PLACING THE NEW BASE AGGREGATE DENSE COURSE OR PAVED SHOULDERS, EXISTING UNCOMPACTED SHOULDER MATERIAL SHALL BE REMOVED OR DEPOSITED ON THE OUTER PORTION OF THE EXISTING SHOULDER OR AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATION AND WIDTH OF DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. DRIVEWAYS SHALL BE REPLACED IN KIND. COMMERCIAL DRIVEWAYS SHALL BE A MINIMUM OF 30 FEET WIDE UNLESS SHOWN OTHERWISE IN THE PLANS. ALL RESIDENTIAL DRIVEWAYS SHALL BE A MAXIMUM OF 20 FEET WIDE.

CURB AND GUTTER PLAN GRADES ARE AT THE FLANGE LINE UNLESS OTHERWISE NOTED.

PIPE ELEVATIONS, LENGTHS, AND LOCATIONS AS SHOWN ON THE PLANS MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

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

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

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

PRIOR TO PLACEMENT OF BEAM GUARD, THE SHOULDERS SHALL BE IN PLACE, SHAPED, AND COMPACTED.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN PAVING OR PIPE LAYING OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAYS SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER OPERATIONS ARE COMPLETED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS.

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

PRIOR TO ORDERING DRAINAGE PIPES, THE CONTRACTOR SHALL FIELD VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH THE ENGINEER.

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

ENSURE THAT AN ENVIRONMENTAL CONSULTANT IS PRESENT DURING EXCAVATION IN POTENTIAL PETROLEUM DISCOVERY LOCATIONS TO TEST THE LEVEL OF PETROLEUM IN THE EXCAVATED SOIL. IF OBVIOUS POTENTIALLY CONTAMINATED MATERIAL IS ENCOUNTERED AT OTHER LOCATIONS, SUSPEND EXCAVATION IN THAT AREA AND NOTIFY THE ENGINEER.

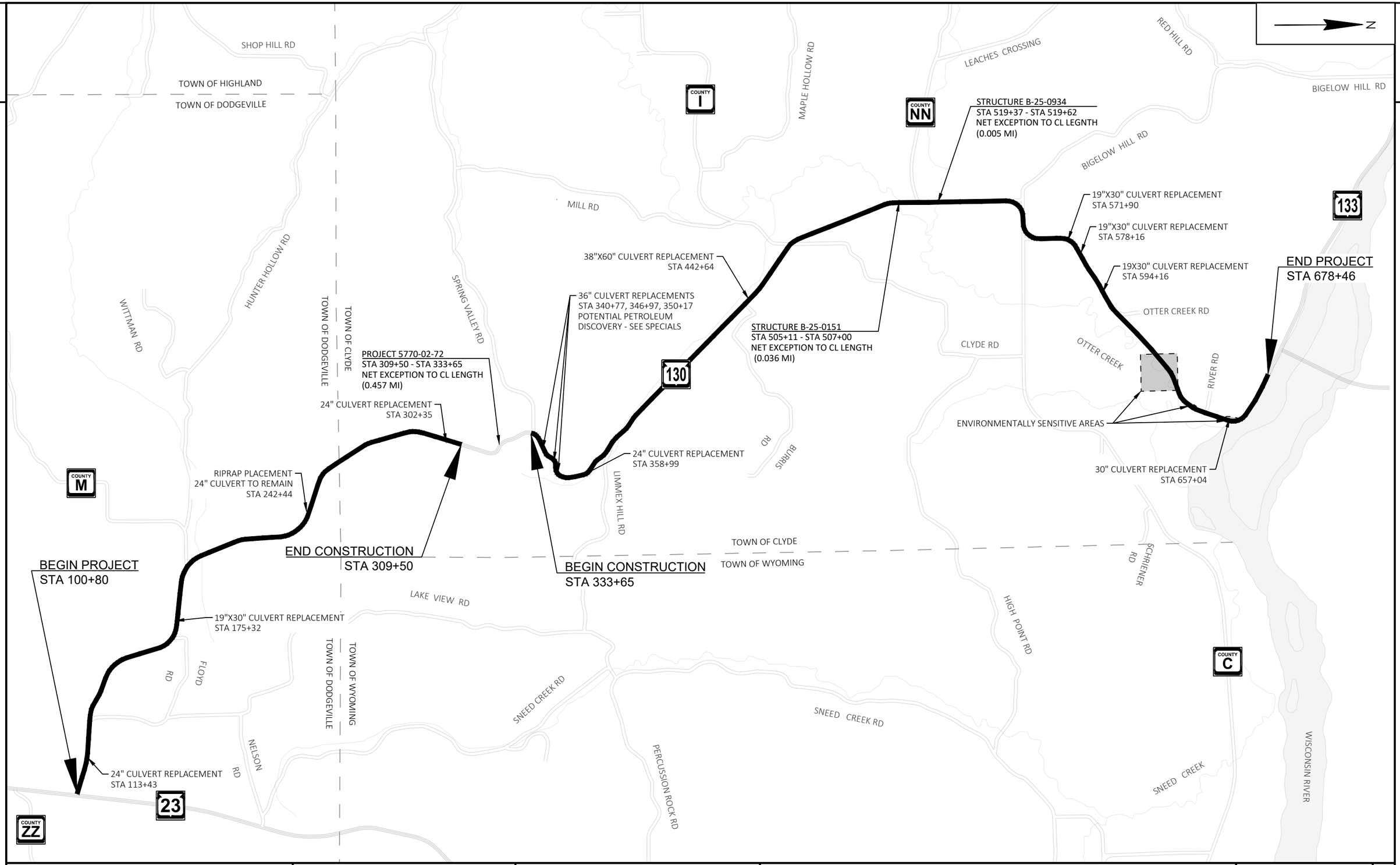
2

ORDER OF SECTION 2 DETAIL SHEETS
GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
EROSION CONTROL
PERMANENT SIGNING
PAVEMENT MARKINGS
DETOUR PLAN
ALIGNMENT DETAILS

4-INCH HMA PAVEMENT THICKNESS		
LAYER	THICKNESS	TYPE
UPPER	1.75-INCHES	4 LT 58-28 S
LOWER	2.25-INCHES	3 LT 58-28 S

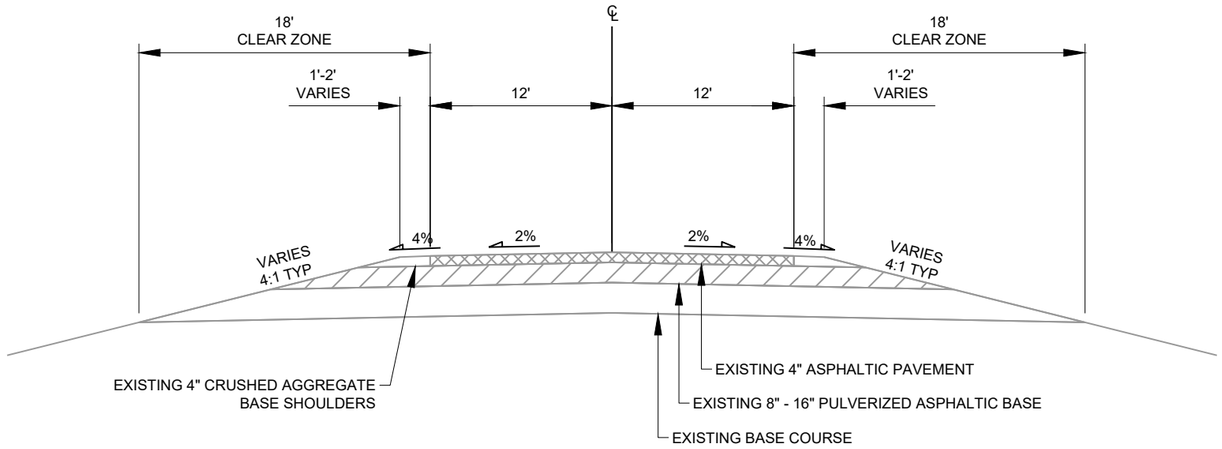
STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AH	AHEAD
∠	ANGLE
AADT	ANNUAL AVERAGE DAILY TRAFFIC
AEW	APRON ENDWALL
ASPH	ASPHALTIC
BK	BACK
BC	BACK OF CURB
BAD	BASE AGGREGATE DENSE
BL OR B/L	BASE LINE
BM	BENCH MARK
CB	CATCH BASIN
CL OR C/L	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
CSW	CONCRETE SIDEWALK
CONST	CONSTRUCTION
CP	CONTROL POINT
CMCP	CORRUGATED METAL CULVERT PIPE
CO	COUNTY
CTH	COUNTY TRUCK HIGHWAY
CY	CUBIC YARD
CP	CULVERT PIPE
CPCA	CULVERT PIPE CORRUGATED ALUMINUM
CPCPE	CULVERT PIPE CORRUGATED POLYETHYLENE
CPCPP	CULVERT PIPE CORRUGATED POLYPROPYLENE
CPCS	CULVERT PIPE CORRUGATED STEEL
CPCSAC	CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED
CPCSPC	CULVERT PIPE CORRUGATED STEEL POLYMER COATED
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CPS	CULVERT PIPE SALVAGED
CPT	CULVERT PIPE TEMPORARY
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DIA	DIAMETER
DD	DIRECTIONAL DISTRIBUTION
DE	DRAINAGE EASEMENT
DWY	DRIVEWAY
EA	EACH
EB	EASTBOUND
EL OR ELEV	ELEVATION
EMB	EMBANKMENT
EOP	END OF PIPE
EW	ENDWALL
EAT	ENERGY ABSORBING TERMINAL
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FERT	FERTILIZER
FE	FIELD ENTRANCE
FL OR F/L	FLOW LINE
FT	FOOT
FTMS	FREE TRAFFIC MANAGEMENT SYSTEM
HES	HIGH EARLY STRENGTH
HE	HIGHWAY EASEMENT
CWT	HUNDRED WEIGHT
IN DIA	INCH DIAMETER
INL	INLET
ID	INSIDE DIAMETER
INTERS	INTERSECTION
IH	INTERSTATE HIGHWAY
INV	INVERT
JT	JOINT
LT	LEFT
LHF	LEFT HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MGAL	ONE THOUSAND GALLONS
MH	MANHOLE
ML OR M/L	MATCH LINE
NOM	NOMINAL
NC	NORMAL CROWN
NB	NORTHBOUND
NO	NUMBER
OD	OUTSIDE DIAMETER
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PCC	PORTLAND CEMENT CONCRETE
LB	POUND
PSI	POUNDS PER SQUARE INCH
PE	PRIVATE ENTRANCE
PROJ	PROJECT
PL	PROPERTY LINE
PRW	PROPOSED RIGHT OF WAY
R	RADIUS
RL OR R/L	REFERENCE LINE
REQD	REQUIRED
RT	RIGHT
RHF	RIGHT HAND FORWARD
R/W	RIGHT OF WAY
RD	ROAD
RDWY	ROADWAY
SHLDR	SHOULDER
SW	SIDEWALK
SB	SOUTHBOUND
SPECS	SPECIFICATIONS
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAY
STA	STATION
SSPC	STORM SEWER PIPE COMPOSITE
SSCPE	STORM SEWER PIPE CORRUGATED POLYETHYLENE
SSCPP	STORM SEWER PIPE CORRUGATED POLYPROPYLENE
SSPNRC	STORM SEWER PIPE NON-REINFORCED CONCRETE
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SSPRCHE	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
SE	SUPERELEVATION
SL OR S/L	SURVEY LINE
TEMP	TEMPORARY
TI	TEMPORARY INTEREST
TLE	TEMPORARY LIMITED EASEMENT
TC	TOP OF CURB
TL OR T/L	TRANSIT LINE
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
VC	VERTICAL CURVE
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WB	WESTBOUND



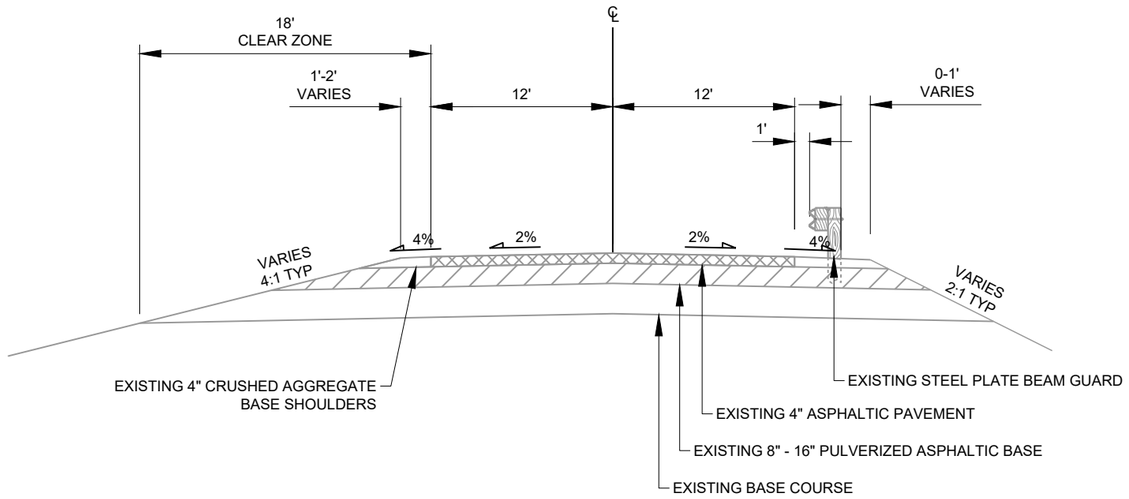
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PROJECT OVERVIEW	SHEET 4	E

2



EXISTING TYPICAL SECTION

STA. 100+80 - STA. 309+50
STA. 333+65 - STA. 338+43
STA. 373+52 - STA. 654+59



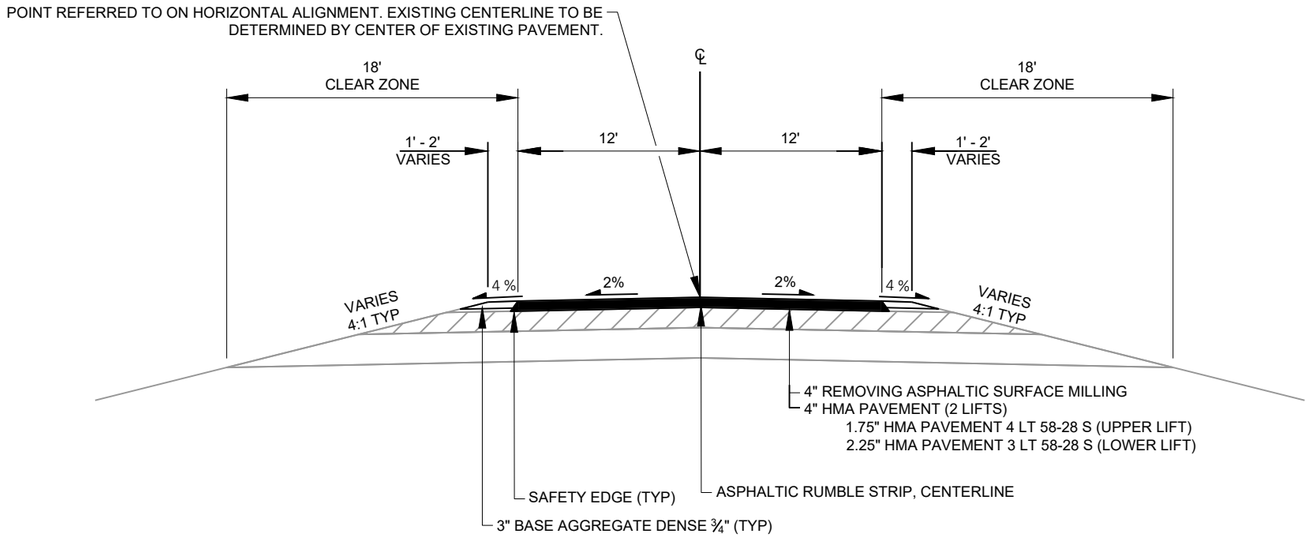
EXISTING TYPICAL SECTION

STA. 338+43 - STA. 373+52
STA. 654+59 - STA. 678+46

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EXISTING TYPICAL SECTIONS	SHEET 5	E

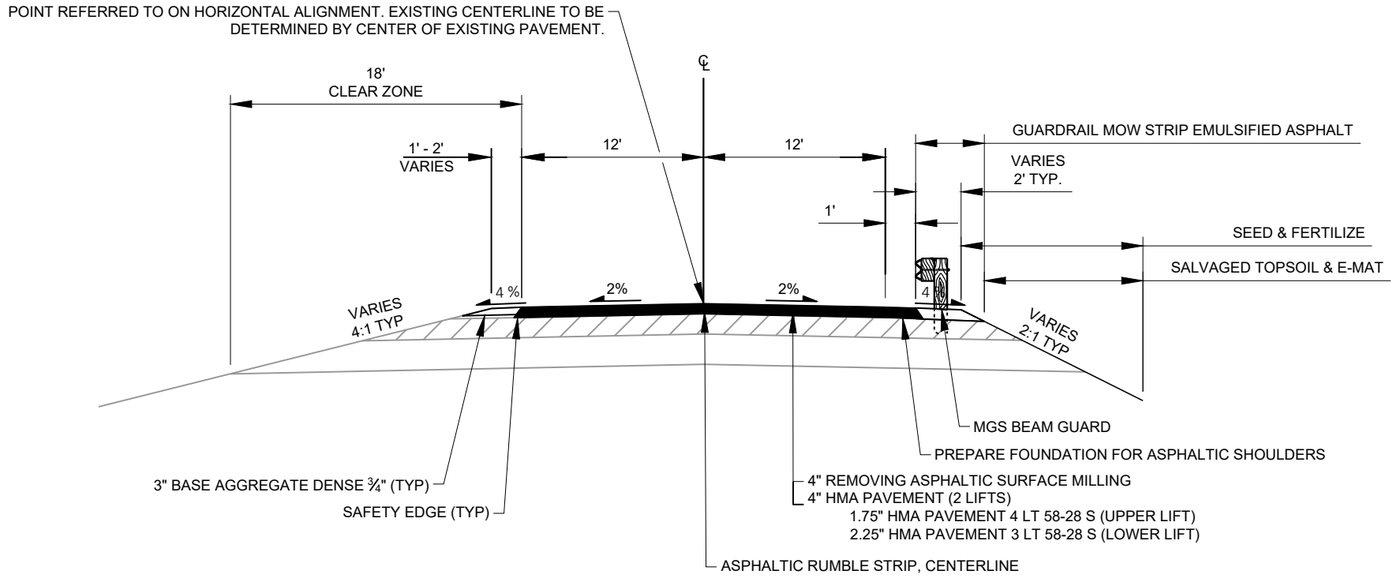
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LAYOUT NAME - 01
PLOT DATE : 7/2/2026 3:55 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



FINISHED TYPICAL SECTION

STA. 100+80 - STA. 309+50
STA. 333+65 - STA. 338+25
STA 375+04 - 651+32



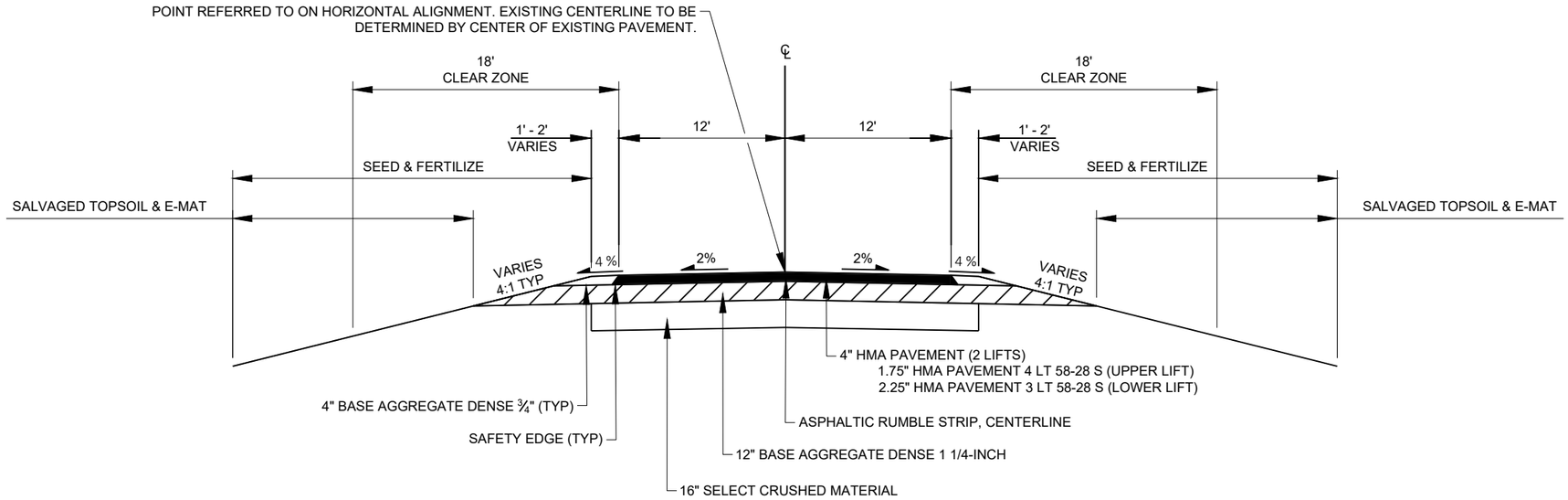
FINISHED TYPICAL SECTION

STA. 338+25 - STA. 375+04
STA. 651+32 - STA. 678+46

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	FINISHED TYPICAL SECTIONS	SHEET 6	E

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LAYOUT NAME - 02
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PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

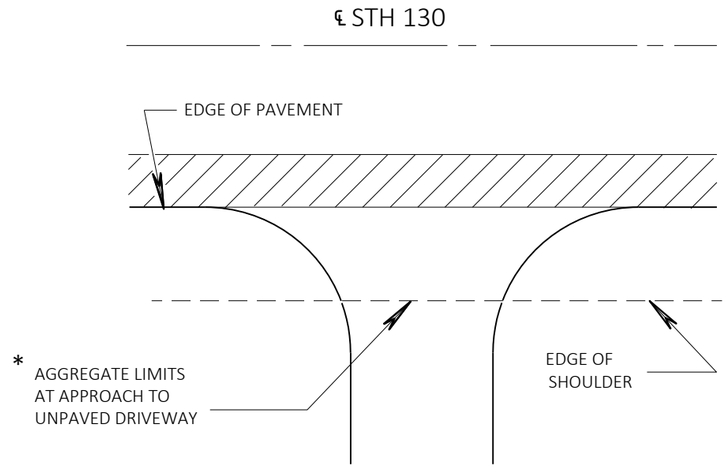


FINISHED CULVERT SECTION

SEE PLAN FOR CULVERT STATIONS

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	FINISHED TYPICAL SECTIONS	SHEET 7	E

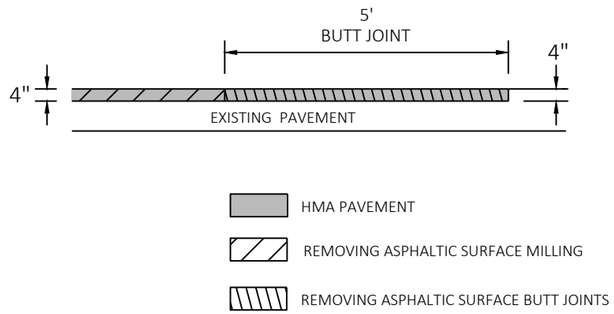
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LAYOUT NAME - 03
PLOT DATE : 7/2/2026 3:55 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



*WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT. PAVED DRIVEWAYS ARE PAID UNDER ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES.

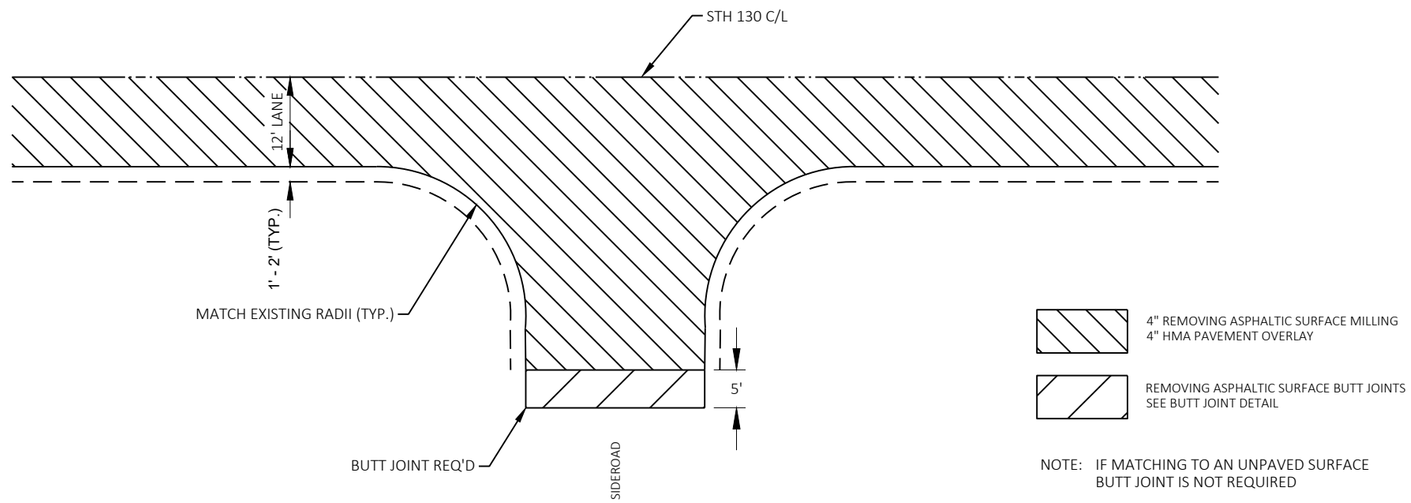
PLAN VIEW

RURAL DRIVEWAY DETAIL

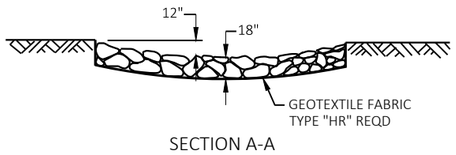


MAINLINE BUTT JOINT

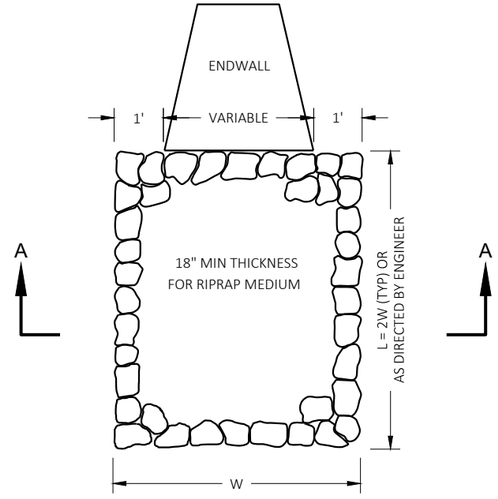
STA 100+80
STA 678+46



RURAL SIDEROAD DETAIL



SECTION A-A



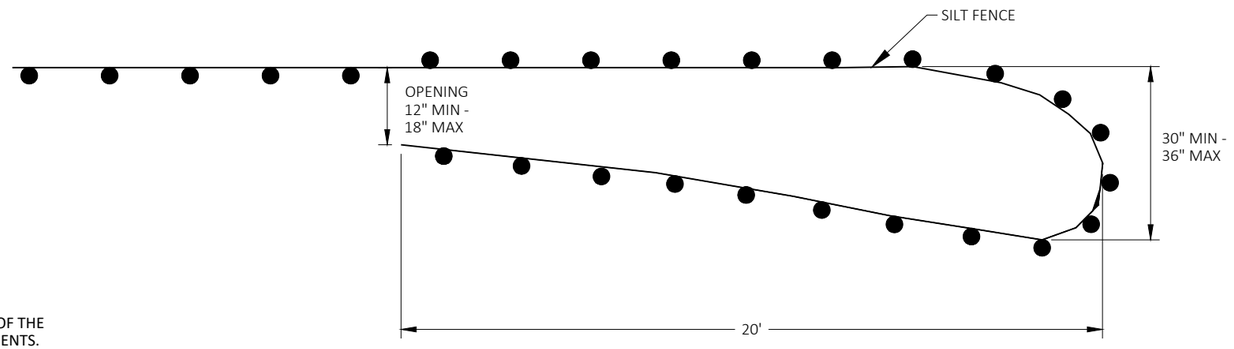
RIPRAP MEDIUM TREATMENT AT CULVERTS

ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	**ESTIMATED NO. OF BAGS**
12"	**1**
15"	**2**
18"	**2**
21"	**3**
14" X 23"	**3**
24"	**3**
27"	**4**
30"	**5**
19" X 30"	**5**
36"	**7**
24" X 38"	**8**
42"	**8**
29" X 45"	**10**
48"	**10**
34" X 53"	**10**
38" X 60"	**13**
60"	**13**
66"	**15**
53" X 83"	**19**

ROCK BAGS FOR CULVERT PIPE CHECKS

SEE SDD 8E15 "CULVERT PIPE CHECK" FOR
PLACEMENT OF ROCK BAGS AT END OF CULVERT PIPE.

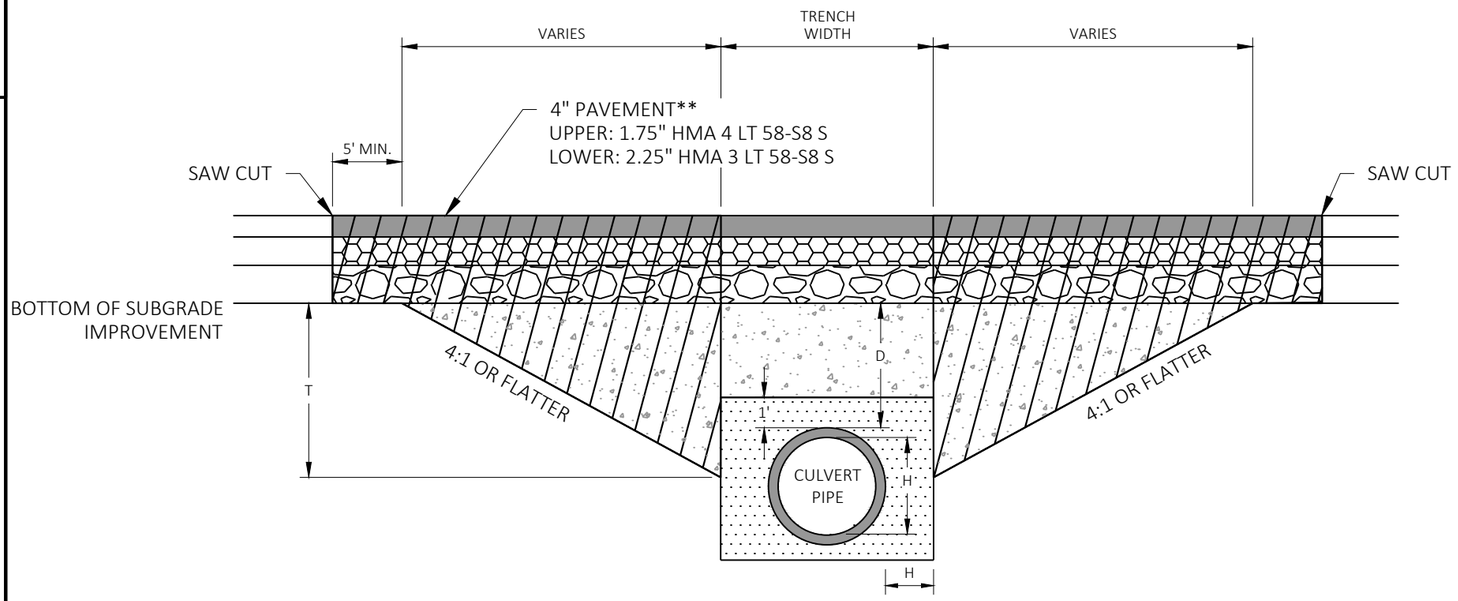
PAID FOR AS CULVERT PIPE CHECKS.



PLAN VIEW

GENERAL NOTES:
SILT FENCE POSTS FOR THE TURN-AROUND SHOULD BE ON THE OUTSIDE OF THE TURN-AROUND AND TRENCHED IN ACCORDING TO SILT FENCE REQUIREMENTS.
ITEM PAID FOR AS SILT FENCE AND SILT FENCE MAINTENANCE

FENCING SMALL ANIMAL



CULVERT REPLACEMENT DETAIL

DO NOT EXTEND TRANSITION CUT BELOW HORIZONTAL CENTER OF PIPE
D = CULVERT DEPTH UNDER SUBGRADE
T = TRANSITION CUT DEPTH
H = HEIGHT OF CULVERT
NOT DRAWN TO SCALE

NOTES:

TRANSITION CUT WIDTH IS FROM SUBGRADE SHOULDER POINT TO SUBGRADE SHOULDER POINT.

TRANSITION CUT AREAS ARE PAID FOR AS EXCAVATION COMMON. TRENCH WIDTH EXCAVATION IS INCIDENTAL.

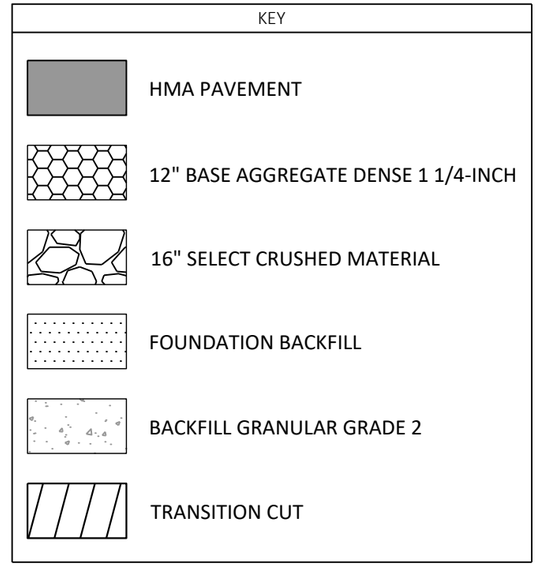
BACKFILL THE FOUNDATION BACKFILL AREA AS SPECIFIED IN STANDARD SPEC 520 AND CMM 550. FOUNDATION BACKFILL IS INCIDENTAL.

PERFORM CULVERT PIPE INSTALLATION BEFORE MILLING AND PAVING.

**PAVE 4" HMA PAVEMENT SECTION WITH ASPHALTIC SURFACE IF PAVING OPERATION NOT PERFORMED WITHIN SEVEN DAYS OF CULVERT REPLACEMENT.

MIN. DEPTH D VALUES USED TO DETERMINE PIPE CLASS.

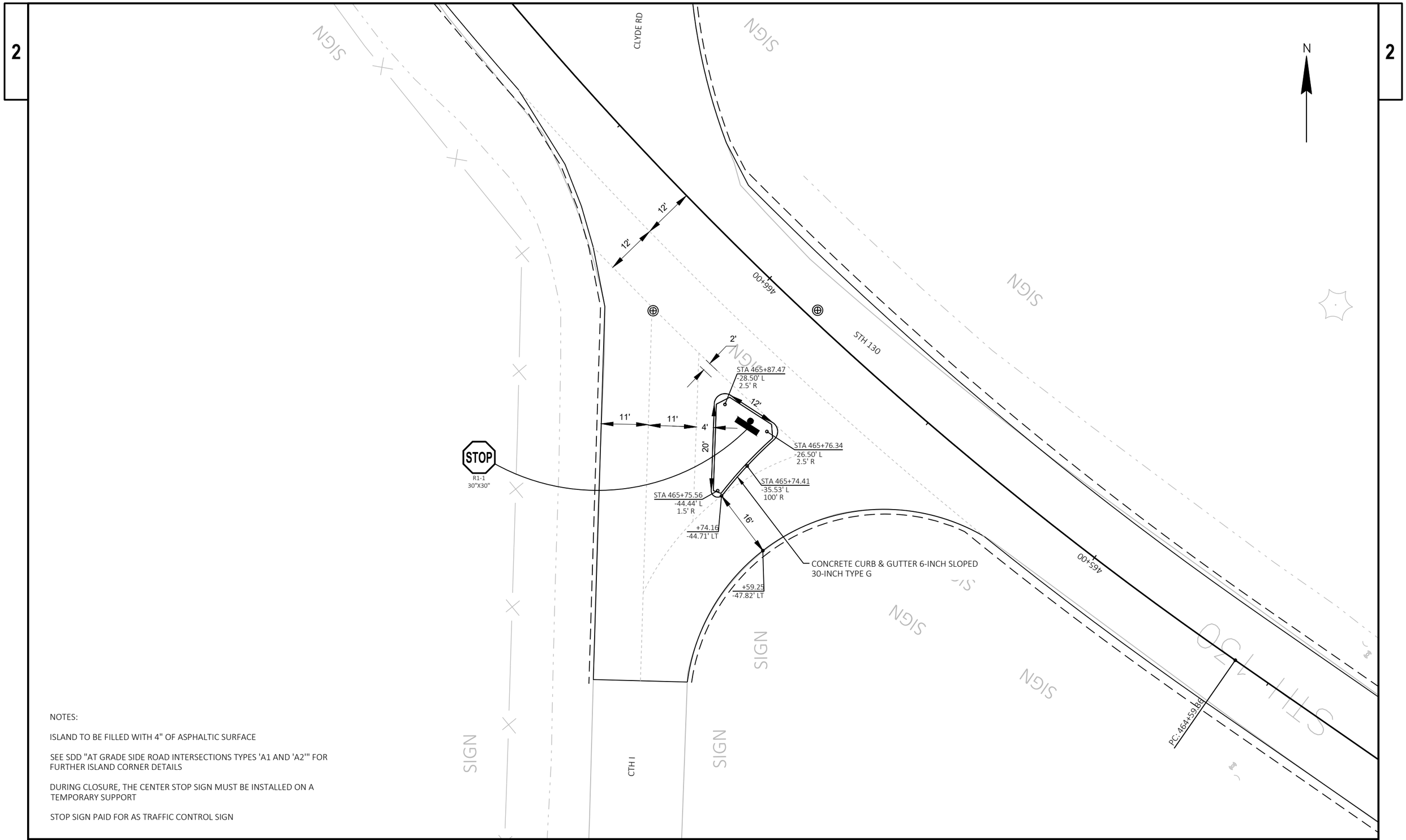
MAX. DEPTH D VALUES USED TO DETERMINE EXCAVATION COMMON AND BACKFILL GRANULAR GRADE 2 CALCULATIONS.



CULVERT PIPE INFORMATION

ROUTE	STA (CL)	MIN. DEPTH D (FT)	MAX. DEPTH D (FT)	PIPE SIZE (IN)	REMARKS
STH 130	113+43	1.9	3.8	24	CLASS III-A, Non-metal
STH 130	175+31	*-0.85	1.7	19X30	CLASS HE-IV, Concrete
STH 130	302+35	*1.0	5.0	24	CLASS III-A, Non-metal
STH 130	340+77	0.73	4.1	36	CLASS III-A, Non-metal
STH 130	346+97	4.7	6.5	36	CLASS III-A, Non-metal
STH 130	350+17	4.4	10.6	36	CLASS III-A, Non-metal
STH 130	358+98	*0.52	6.4	24	CLASS III-A, Non-metal
STH 130	442+64	0.16	2.6	38X60	SPV CLASS HE-III, Concrete
STH 130	571+90	*-0.49	1.6	19X30	CLASS HE-IV, Concrete
STH 130	578+16	*-1.7	*0.6	19X30	CLASS HE-IV, Concrete
STH 130	594+16	*-1.4	*0.4	19X30	CLASS HE-IV, Concrete
STH 130	657+04	*0.54	3.1	30	CLASS III-A, Non-metal

*REDUCED SUBGRADE COVER (LESS THAN 2-FT COVER FROM BOTTOM OF BASE AGGREGATE DENSE 1 1/4-INCH)



NOTES:

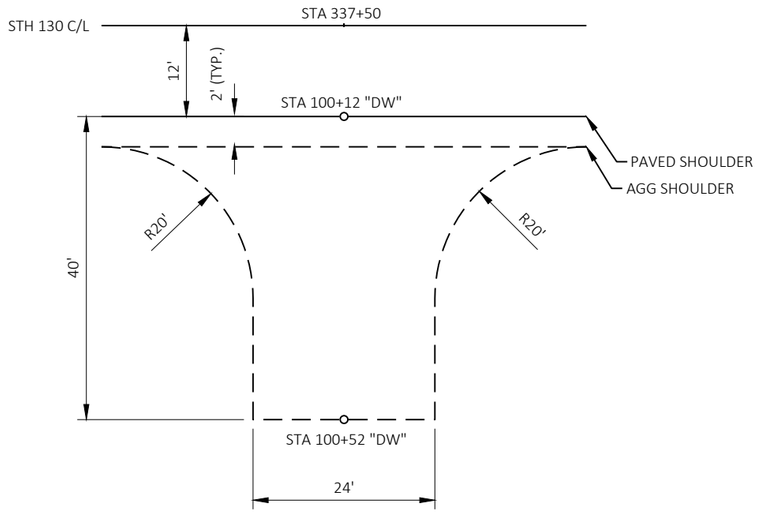
ISLAND TO BE FILLED WITH 4" OF ASPHALTIC SURFACE

SEE SDD "AT GRADE SIDE ROAD INTERSECTIONS TYPES 'A1 AND 'A2'" FOR FURTHER ISLAND CORNER DETAILS

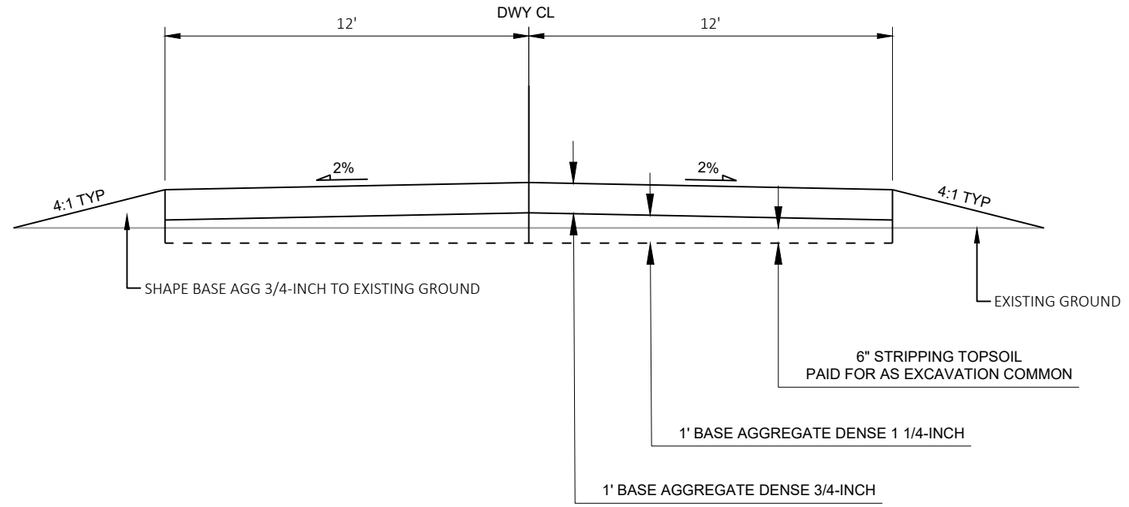
DURING CLOSURE, THE CENTER STOP SIGN MUST BE INSTALLED ON A TEMPORARY SUPPORT

STOP SIGN PAID FOR AS TRAFFIC CONTROL SIGN

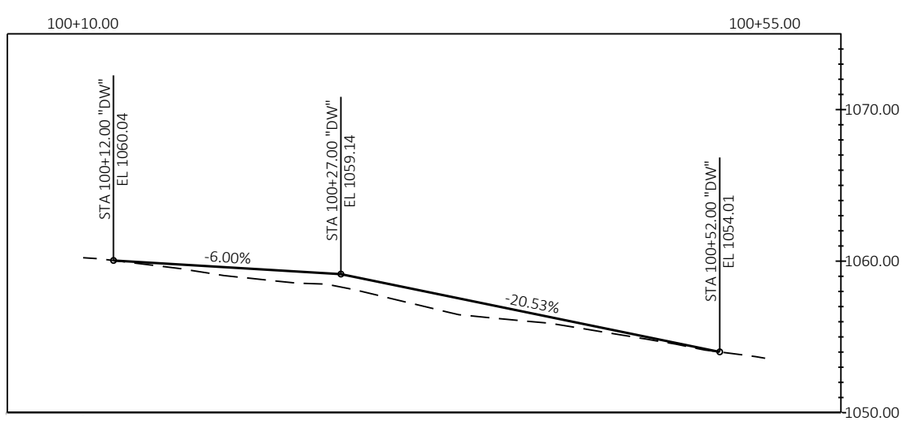
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: RIGHT TURN ISLAND	SHEET 11	E



PLAN VIEW
NOT TO SCALE



SECTION VIEW
NOT TO SCALE

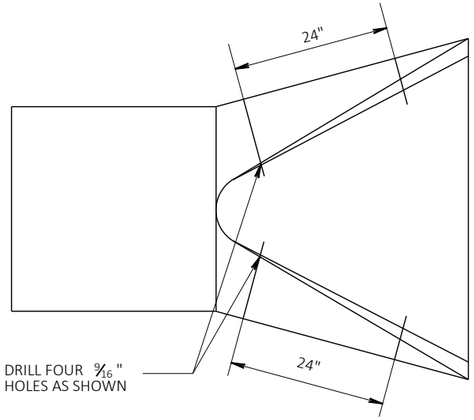


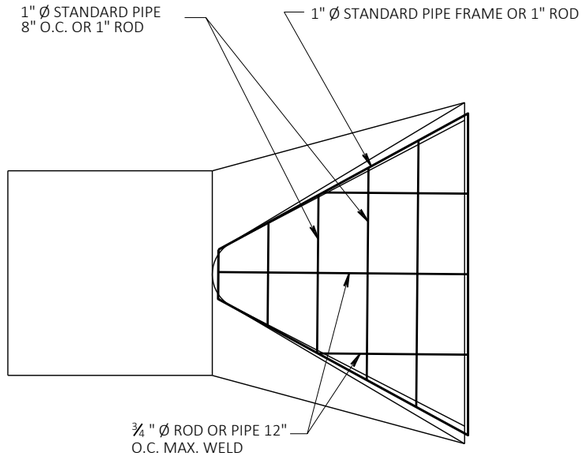
PROFILE VIEW
NOT TO SCALE

AGGREGATE DRIVEWAY

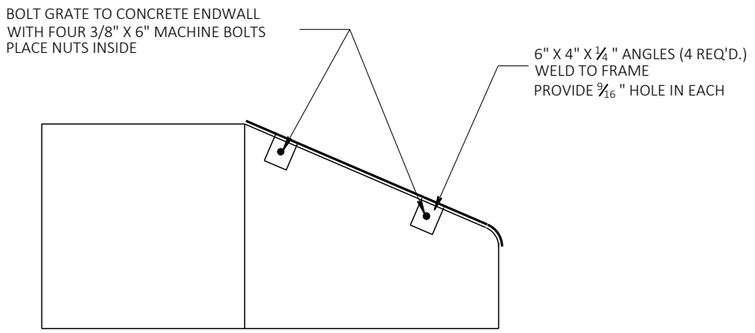
STA 337+50 RT

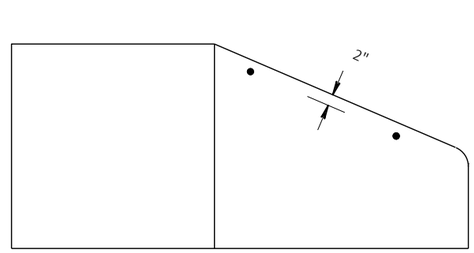
2

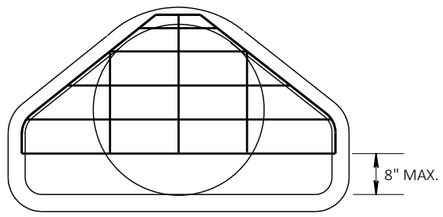




AT EACH PIPE







PIPE GRATE DETAIL

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS	SHEET 13	E

2

2

ALLIANT ENERGY

EXISTING R/W

N

SIGN

SIGN

W

W

OH

OH

OH

OH

PT: 337+11.38

PI: 338+08.88

PI: 339+76.67

STH 130

337+00

338+00

339+00

337+97.43, 12.00' RT

338+25.00, 15.01' RT

337+80.76, 14.04' RT

10:1

15:1

POST 1
STA. 338+25
15.0' RT

POST 5
STA. 338+50
14.0' RT

POST 9
STA. 338+75
13.0' RT

REMOVING GUARDRAIL

SI

EXISTING R/W

STA. 338+25.0 RT - STA. 338+75.0 RT: MGS GUARDRAIL, ENERGY ABSORBING TERMINAL
STA. 338+75 RT - STA. 339+50 RT: MGS GUARDRAIL 3
STA. 339+50 RT - STA. 341+50 RT: MGS GUARDRAIL 3 K
STA. 341+50 RT - STA. 346+50 RT: MGS GUARDRAIL 3
STA. 346+50 RT - STA. 375+04 RT: MGS GUARDRAIL 3 K
STA. 375+04 RT - 374+40 RT: MGS SHORT RADIUS BEAM GUARD AND TERMINAL

9/16

EXISTING R/W

N

PT: 372+19.19

PC: 374+25.06

373+00

374+00

375+00

376+00

377+00

378+00

STH 130

375+04.34, 13.00' RT

R10

374+78.60, 35.50' RT

SI

SIGN

SIGN

RIPRAP

EXISTING R/W

LIMMEX HILL ROAD

MGS GUARDRAIL SHORT RADIUS
44-LF, 7 CRT POSTS

MGS GUARDRAIL SHORT RADIUS TERMINAL

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: BEAMGUARD	SHEET 14	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - Limmex Hill Rd

PLOT DATE : 10/20/2026 10:53 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 44

2

N

EXISTING R/W

TLE

SI

POST 1
STA. 518+65.7
16.5' LT

POST 5
STA. 518+90.7
15.5' LT

POST 9
STA. 519+15.7
14.5' LT

PENN HOLLOW CREEK

POST 9
STA. 519+86.3
14.5' LT

POST 5
STA. 520+11.3
15.5' LT

POST 1
STA. 520+36.3
16.5' LT

SI

SIGN

SIGN

SIGN

PI: 517+99.76

15:1

10:1

518+33.90, -12.00' LT

39' REMOVE EXISTING GUARDRAIL

*71' EXISTING GUARDRAIL TO REMAIN

43' REMOVE EXISTING GUARDRAIL

B-25-0934
(TO REMAIN)

15:1

10:1

520+71.80, -12.00' LT

PI: 520+98.88

518+00

519+00

520+00

STH 130

STH 130

518+13.91, 12.00' RT

38' REMOVE EXISTING GUARDRAIL

*75' EXISTING GUARDRAIL TO REMAIN

38' REMOVE EXISTING GUARDRAIL

520+74.11, 12.00' RT

10:1

15:1

10:1

15:1

SIGN

SIGN

HO HO HO HO HO HO HO OH OH OH OH OH OH

SI

SI

FRONTIER COMMUNICATIONS (COMMUNICATION LINE)

POST 1
STA. 518+59.8
16.5' RT

POST 5
STA. 518+84.8
15.5' RT

POST 9
STA. 519+09.8
14.5' RT

POST 9
STA. 519+84.3
14.5' RT

POST 5
STA. 520+09+3
15.5' RT

POST 1
STA. 520+34.3
16.5' RT

EXISTING R/W

TLE

ALLIANT ENERGY (OVERHEAD)

STA. 518+65.7 LT - STA. 519+86.3 LT: STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
STA. 519+86.3 LT - STA. 520+36.3 LT: STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
STA. 518+59.8 RT - STA. 519+09.8 RT: STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
STA. 519+84.3 RT - STA. 520+34.3 RT: STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL

*EXISTING BEAM GUARDRAIL END SHALL BE REMOVED AND STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL SHALL BE ATTACHED TO THE EXISTING GUARDRAIL.

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: BEAMGUARD	SHEET 15	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - B-25-0934

PLOT DATE : 6/24/2026 1:32 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

N

EXISTING R/W

FRONTIER

SIGN

649+00

650+00

651+00

652+00

653+00

654+00

STH 130

MGS GUARDRAIL SHORT RADIUS
62-FT, 10 CRT POSTS

651+32.30, 14.00' RT

R40'

R57'

651+16.55, 46.32' RT

MGS GUARDRAIL SHORT RADIUS TERMINAL

651+38.91, 64.20' RT

SI

PAINTING BACK OF GUARDRAIL AND GUARDRAIL POSTS

OTTER CREEK BOAT LANDING

EXISTING R/W

STA. 651+32.3 RT - STA. 678+45.7 RT: MGS GUARDRAIL 3K
STA. 651+38.9 RT - 651+32.3 RT: MGS SHORT RADIUS BEAM GUARD AND TERMINAL

PT: 675+30.16

END PROJECT
STA 678+46
MATCH EXISTING

PT: 679+58.48

676+00

677+00

678+00

679+00

680+00

681+00

SIGNS

RIPRAP

922

MGS K GUARDRAIL
MATCH INTO EXISTING GUARDRAIL

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: BEAMGUARD	SHEET 16	E

2

2

PROPOSED R/W

CLEARING & GRUBBING
147 SY

EXISTING R/W

+30
-60.00' LT

+55
-60.00' LT

+15
-33.82' LT

+70.54
-28.35' LT

+28.61
-28.07' LT

PI: 241+44.03

914

239+00

240+00

241+00

242+00

243+00

244+00

STH 130

SIGN

SIGN

N

EXISTING R/W

EXISTING 24" PIPE TO REMAIN

LEGEND

CLEARING & GRUBBING

GRUBBING ONLY

NOTE: TREE CLEARING CAN ONLY occur FROM
NOVEMBER 1 TO APRIL 14.

T: 343+75.26

EXISTING R/W

CLEARING & GRUBBING
43 SY

PI: 338+08.88

PI: 389+76.67

PC: 341+74.86

+66.98
30.10' LT

+83.47
-30.94' LT

+50.84
-26.50' LT

+50.45
-19.45' LT

+95.96
-20.17' LT

338+00

339+00

340+00

341+00

342+00

343+00

STH 130

SIGN

+47.06
22.60' RT

+09.19
22.54' RT

+09.99
31.17' RT

+65
60.00' RT

+90
60.00' RT

916

EXISTING R/W

PROPOSED R/W

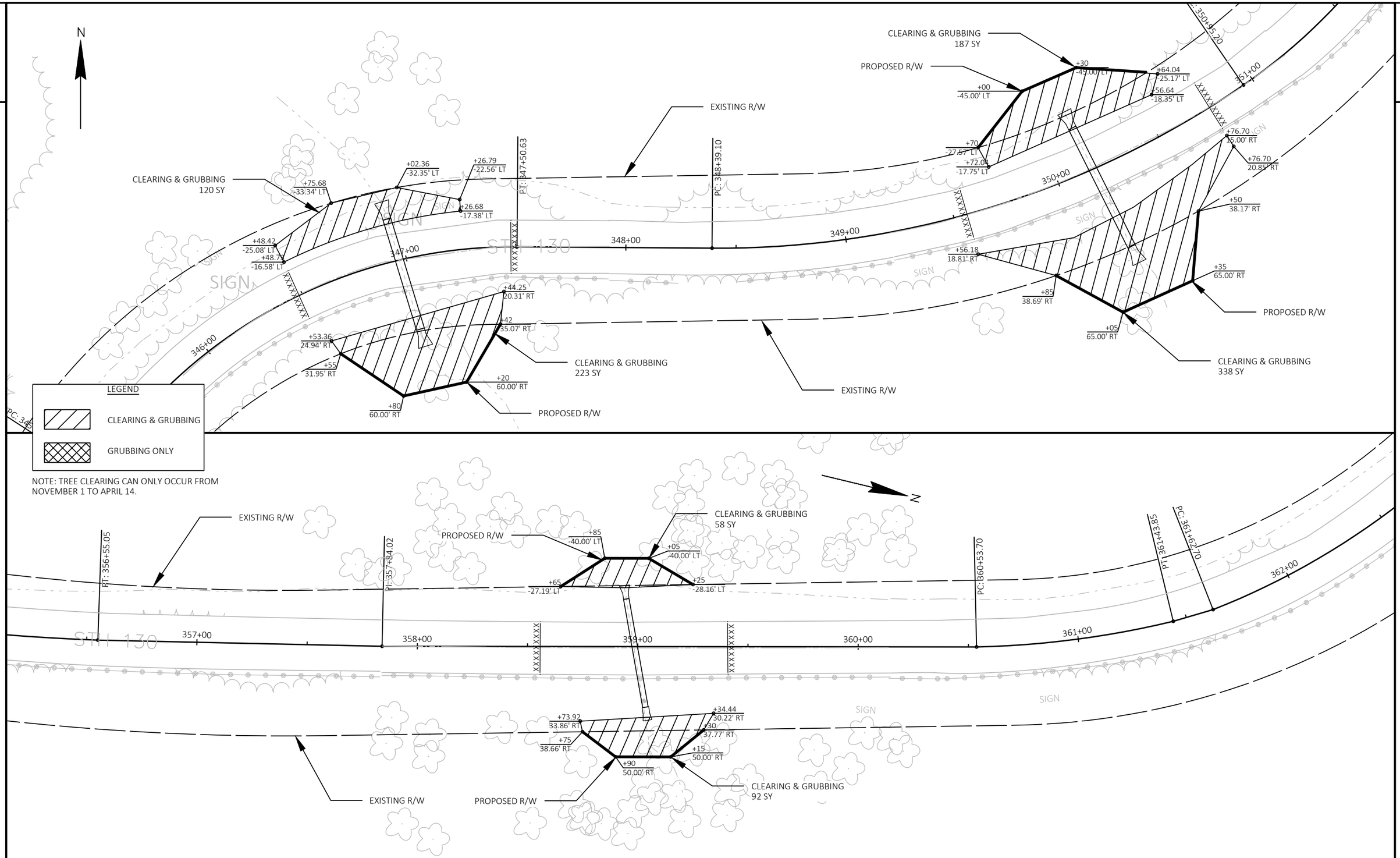
CLEARING & GRUBBING
196 SY

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: TREE CLEARING	SHEET 17	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021003-CD.DWG
LAYOUT NAME - 01

PLOT DATE : 7/16/2026 12:37 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: TREE CLEARING	SHEET 18	E

2

2

CLEARING & GRUBBING
180 SY

EXISTING R/W

PROPOSED R/W

+40
-55.00' LT

+70
-5.00' LT

+25
-35.08' LT

+94.40
-24.96' LT

+22.87
-23.22' LT

+94.40
-20.54' LT

PC: 444+79.17

OH

H 130

440+00 441+00 442+00 443+00 444+00 445+00

SIGN

IP

EXISTING R/W

LEGEND

CLEARING & GRUBBING

GRUBBING ONLY

NOTE: TREE CLEARING CAN ONLY OCCUR FROM
NOVEMBER 1 TO APRIL 14.

EXISTING R/W

GRUBBING
92 SY

+01.05
-30.10' LT

+31.42
-29.96' LT

+01.26
-21.54' LT

30.96
-21.78' LT

PC: 596+98.43

592+00 593+00 594+00 595+00 596+00 597+00

SIGN

EXISTING R/W

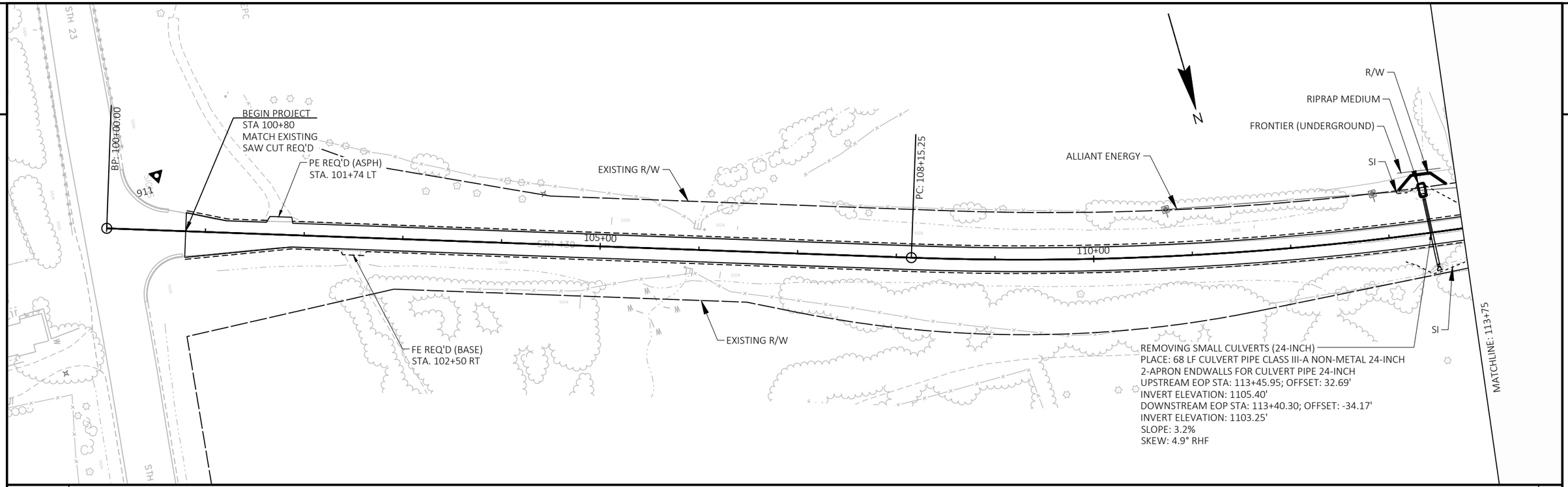
PROPOSED R/W

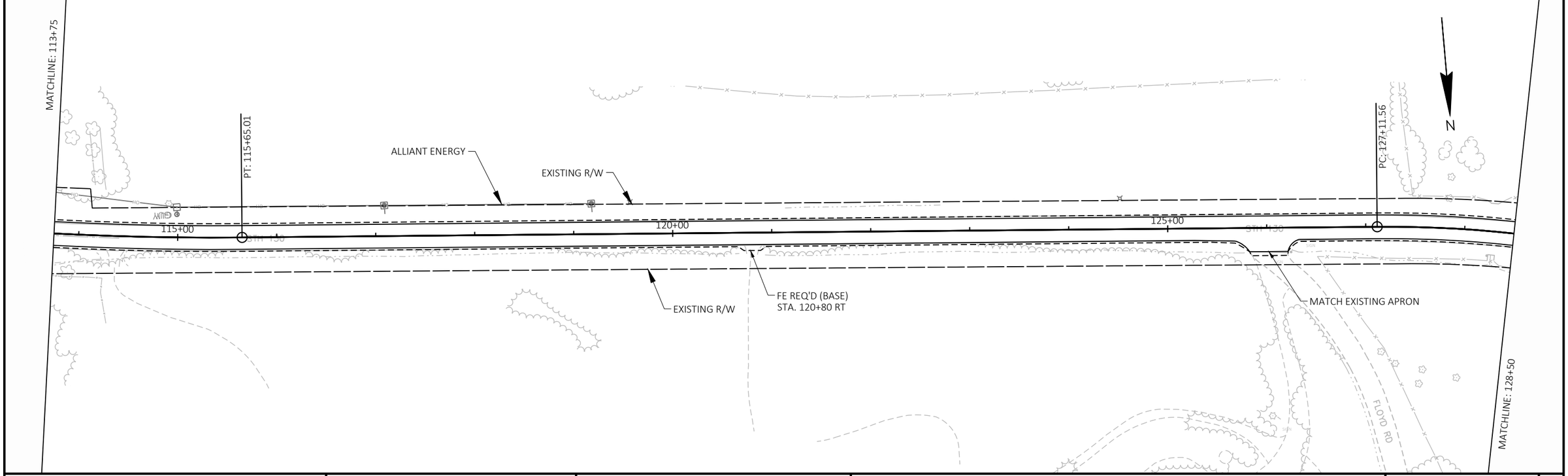
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: TREE CLEARING	SHEET 19	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021003-CD.DWG
LAYOUT NAME - 03

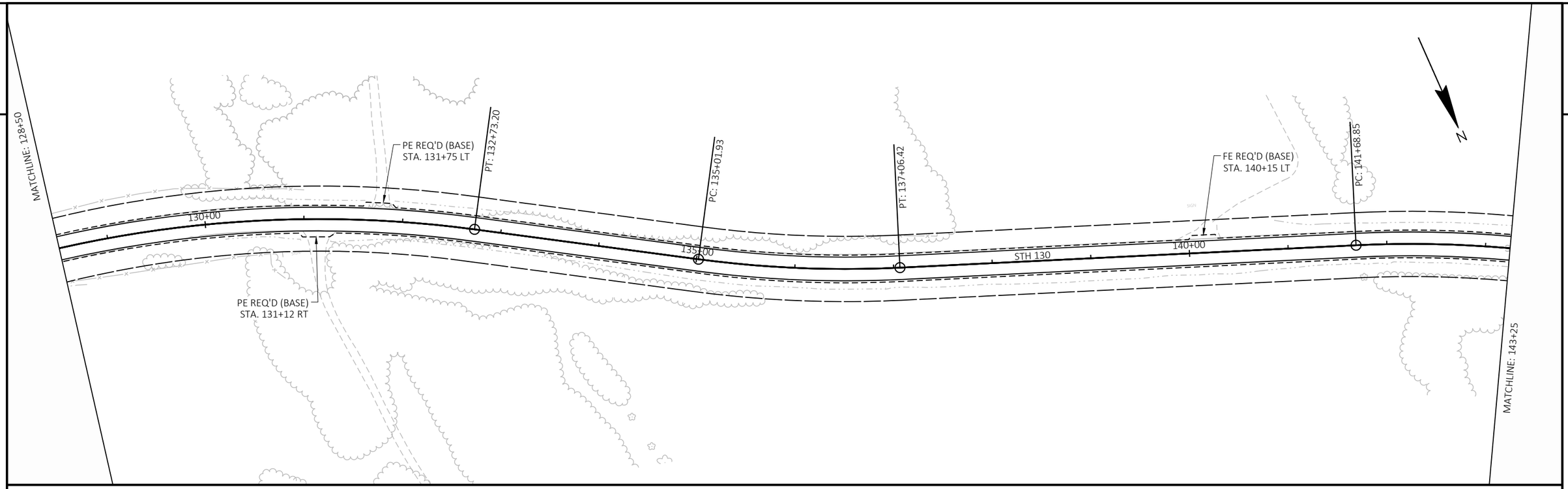
PLOT DATE : 7/16/2026 12:38 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:40 FT

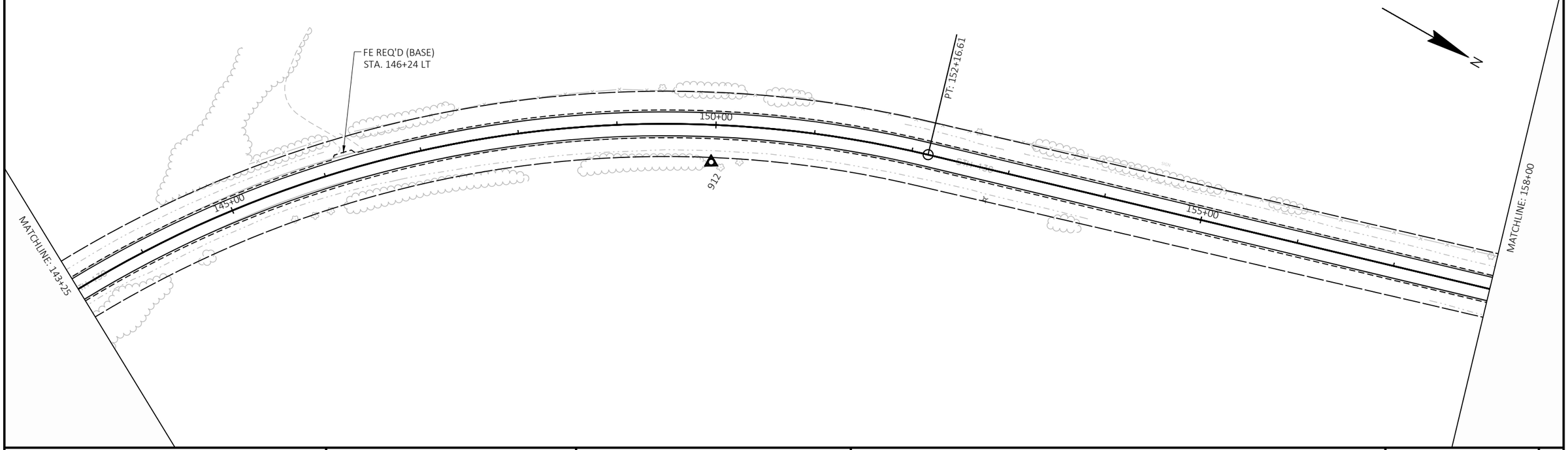
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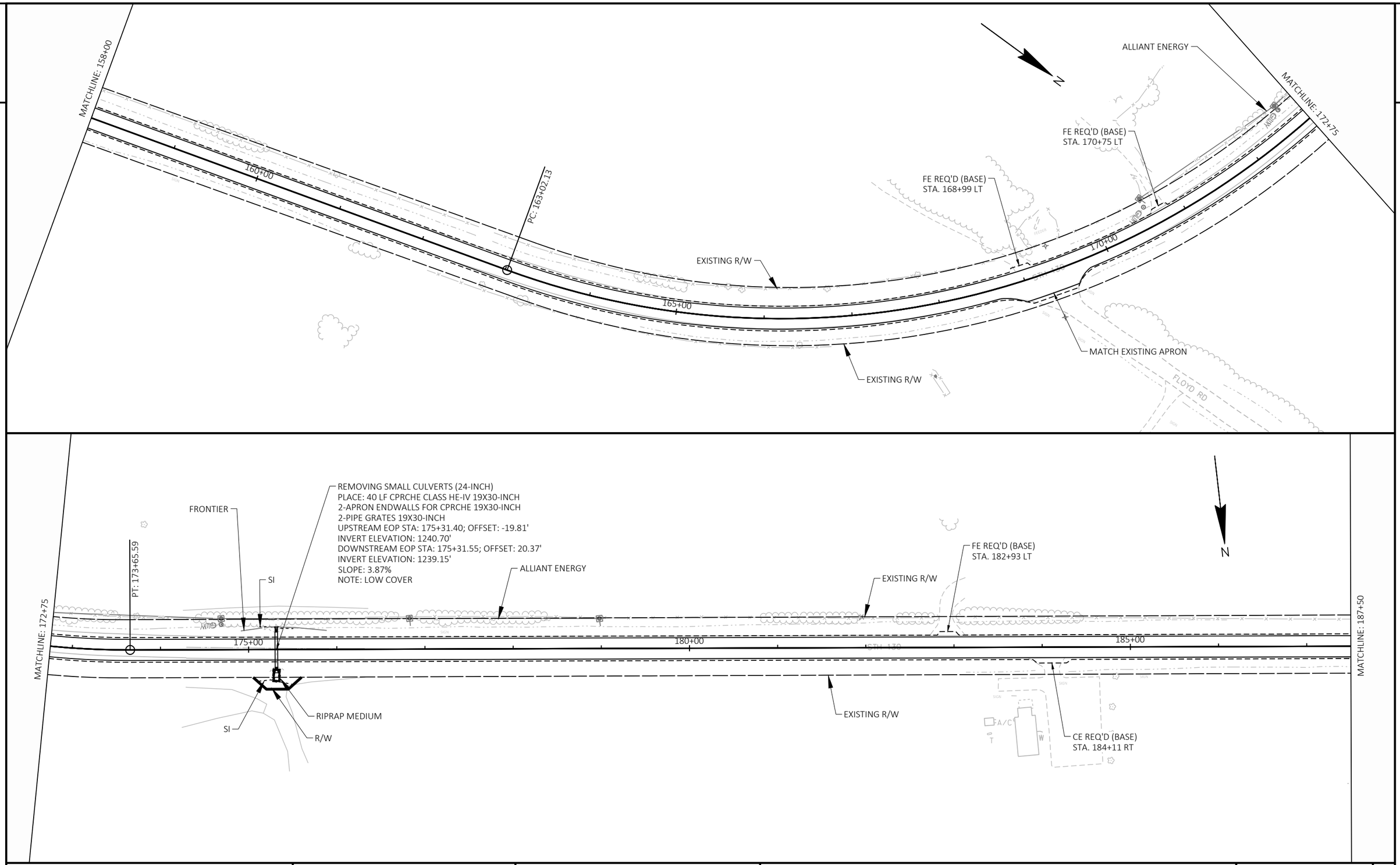


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 20	E


MATCHLINE: 128+50
PE REQ'D (BASE)
STA. 131+75 LT
PT: 132+73.20
PC: 135+01.93
PT: 137+06.42
FE REQ'D (BASE)
STA. 140+15 LT
PC: 141+68.85
N
130+00
135+00
STH 130
140+00
PE REQ'D (BASE)
STA. 131+12 RT
MATCHLINE: 143+25


FE REQ'D (BASE)
STA. 146+24 LT
PT: 152+16.61
N
150+00
912
145+00
155+00
MATCHLINE: 143+25
MATCHLINE: 158+00

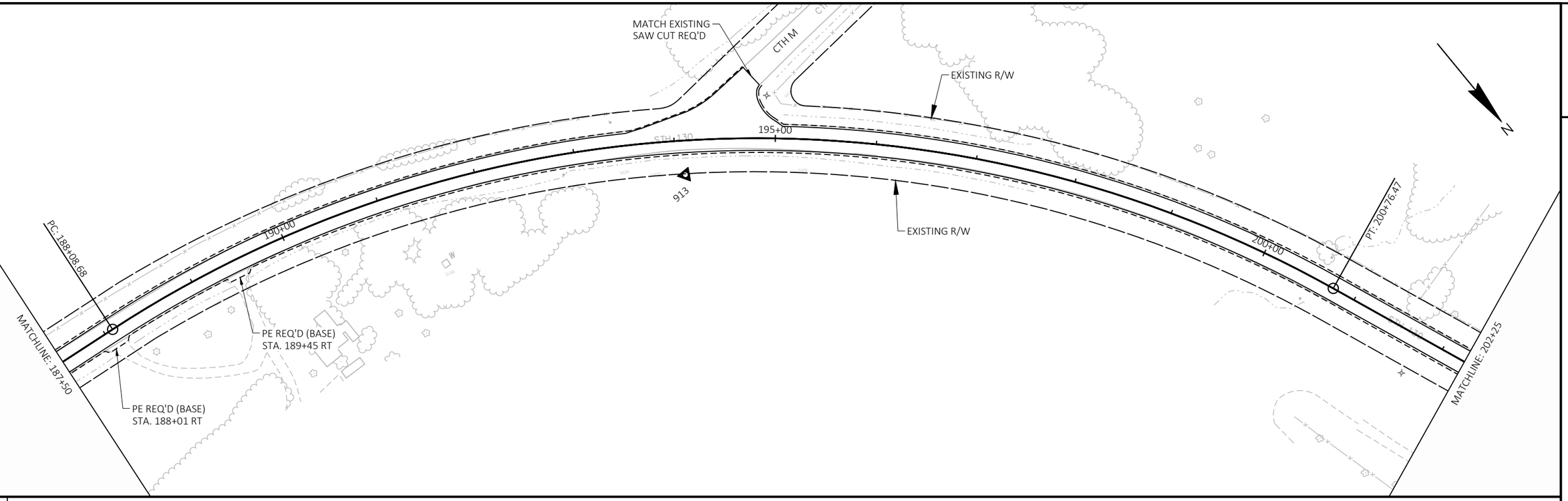
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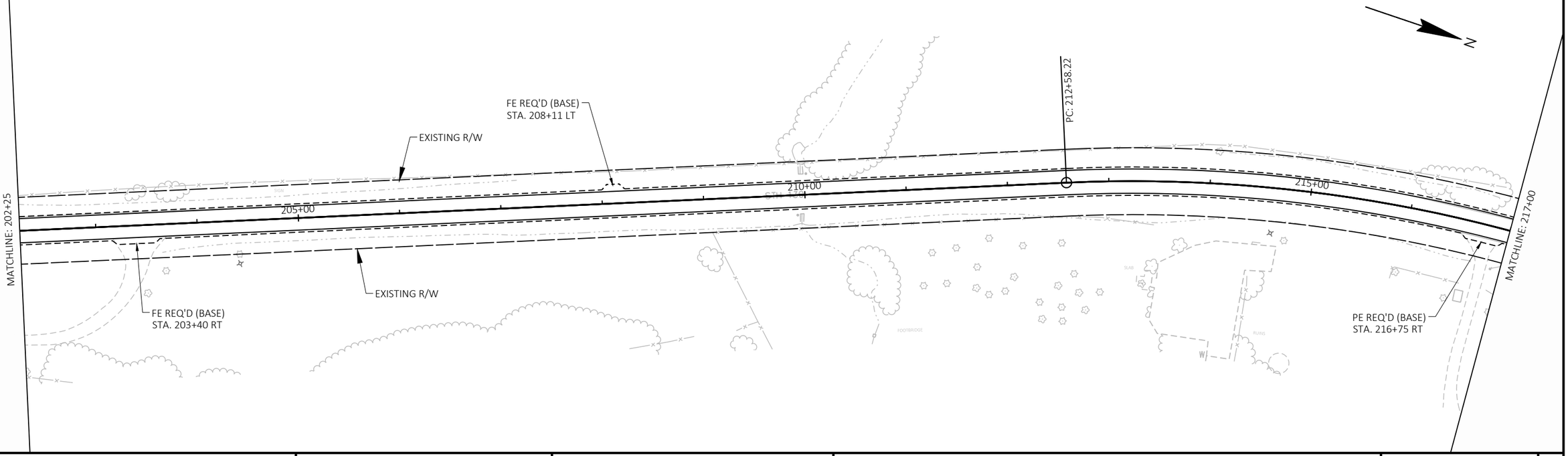


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 22	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 003
PLOT DATE : 6/24/2026 2:11 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

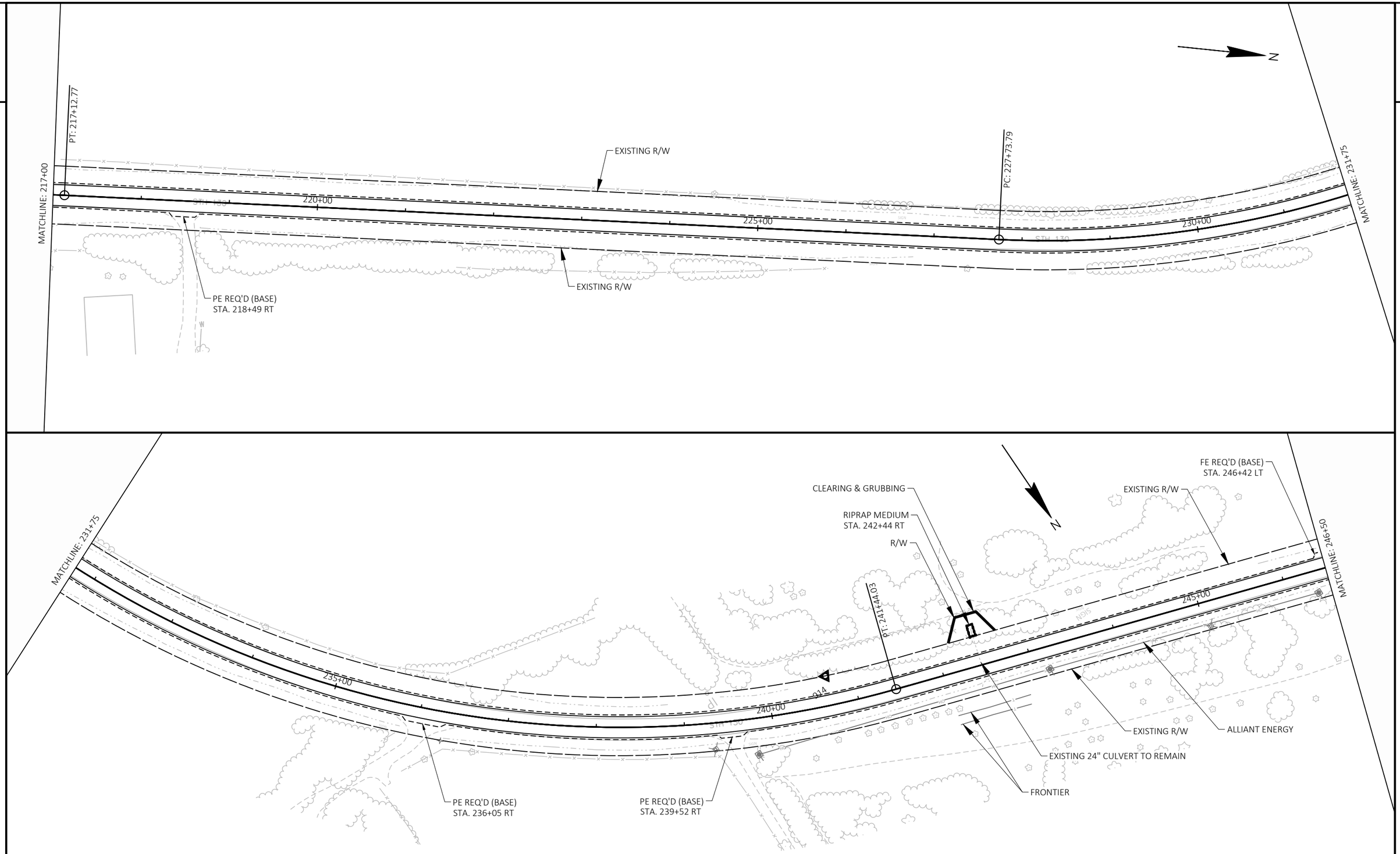
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PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 23	E

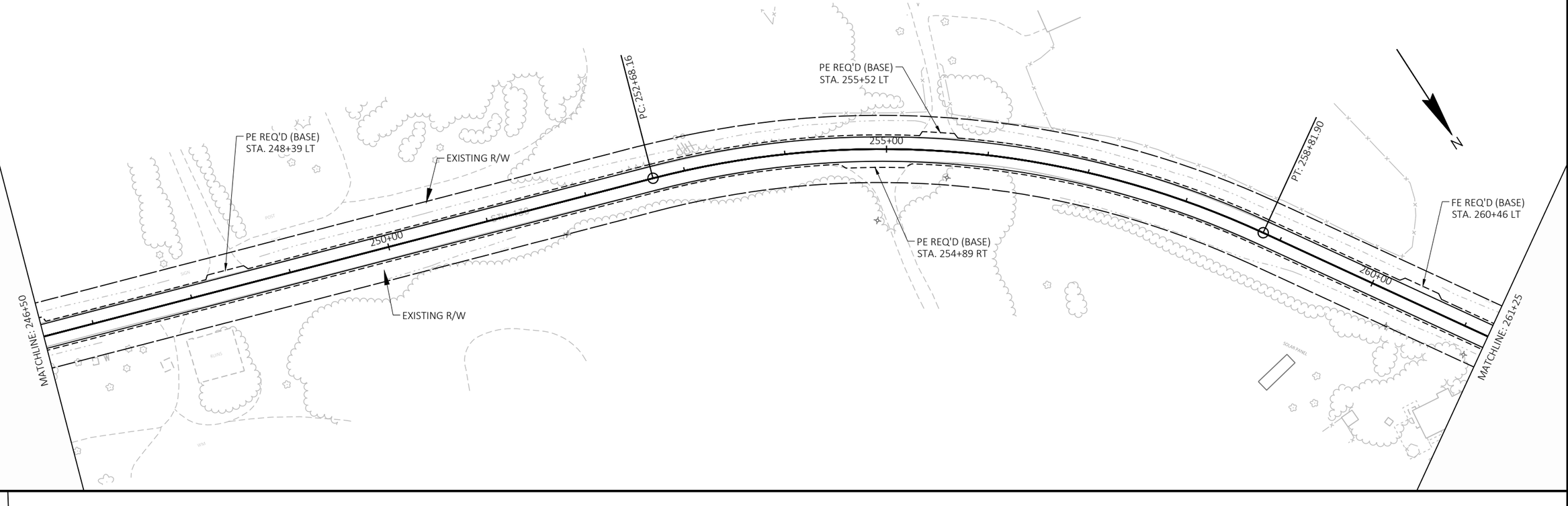
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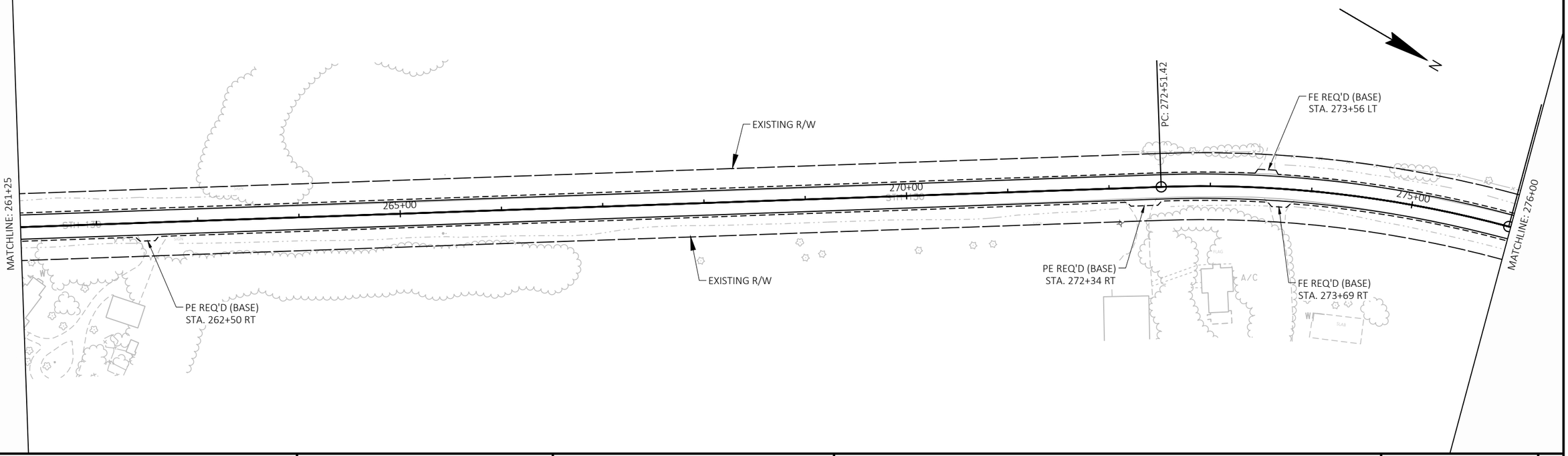


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 24	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 005
PLOT DATE : 6/24/2026 2:12 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

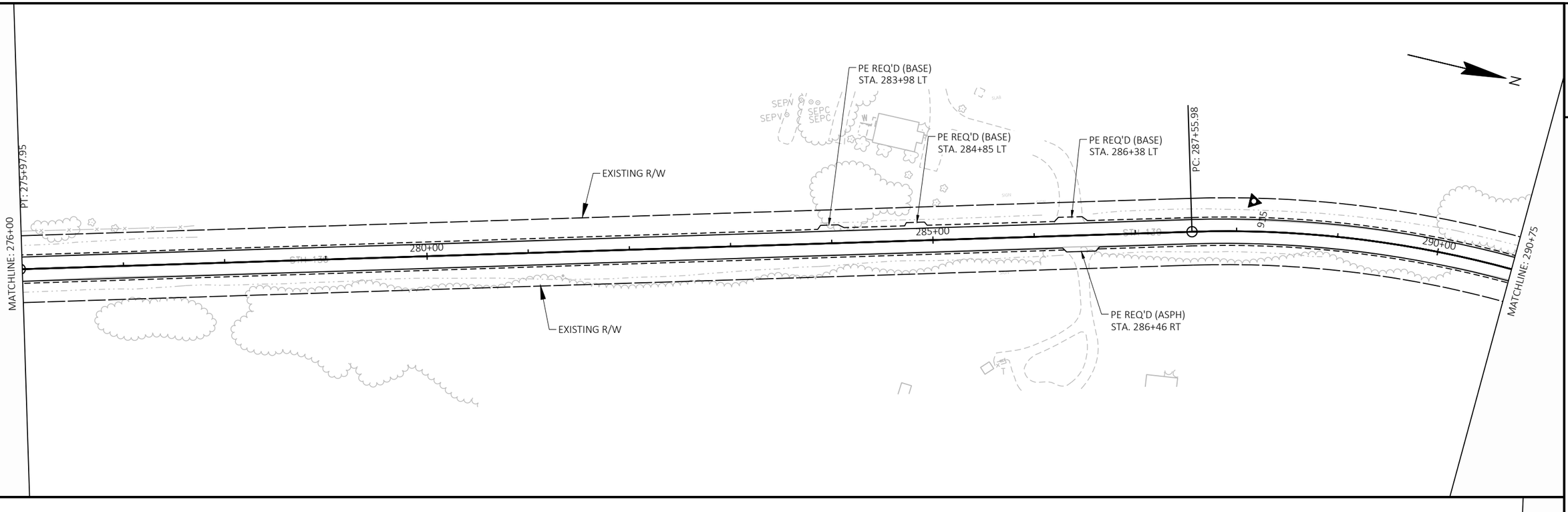


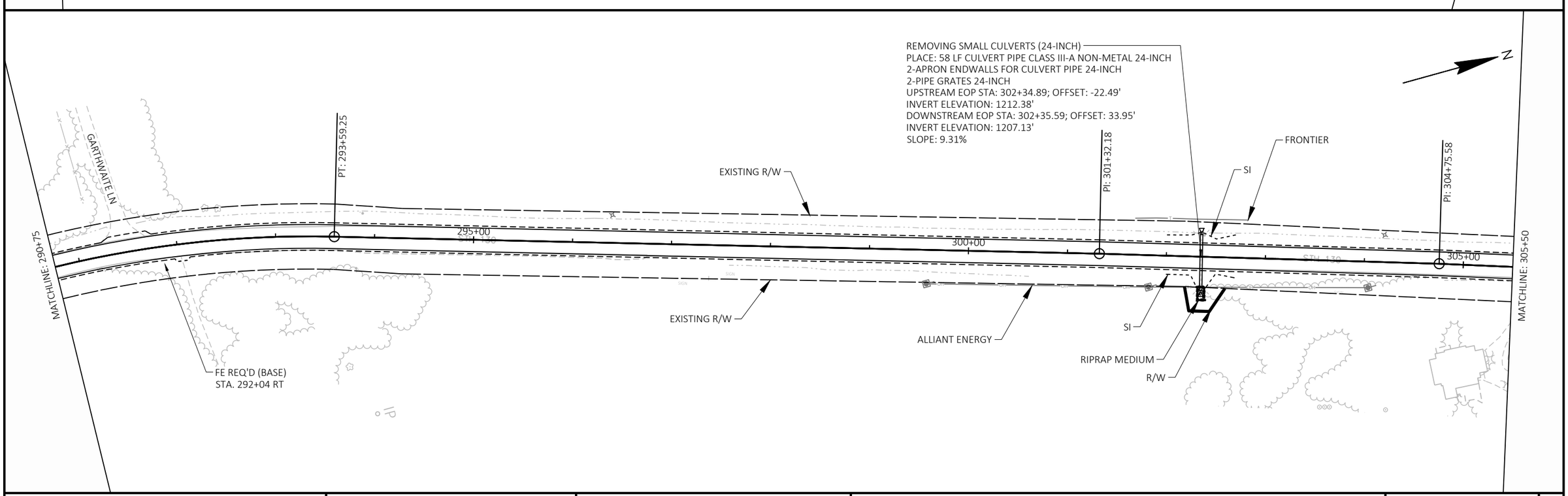


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 25	E

2

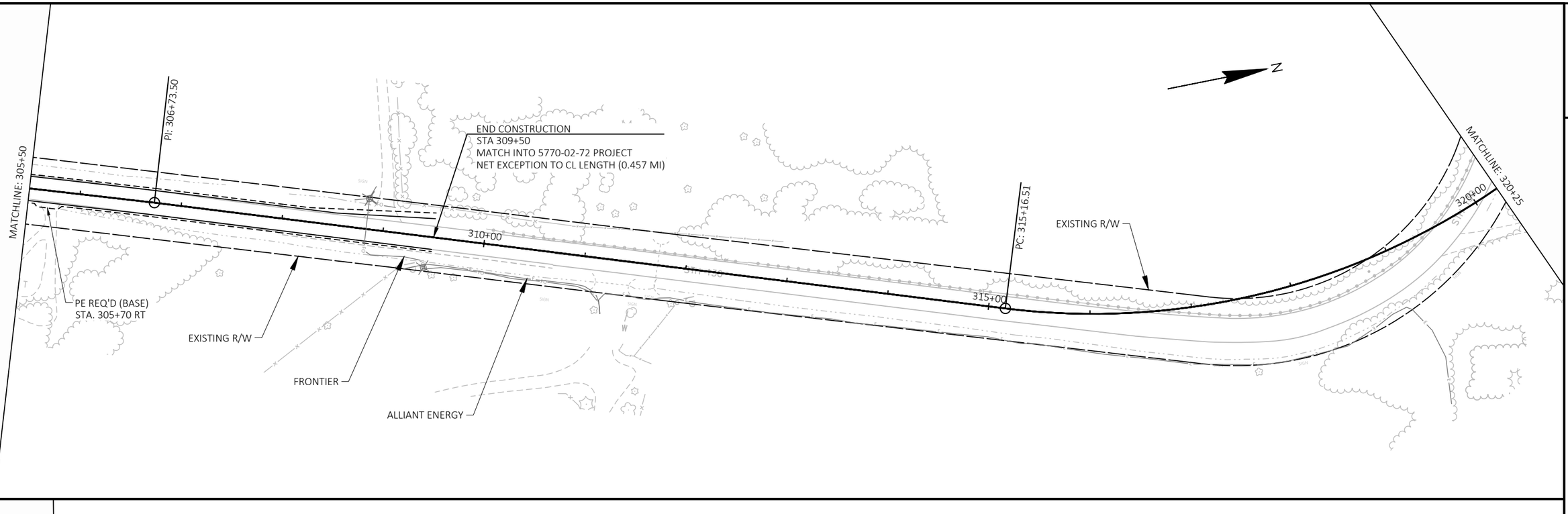
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PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 26	E

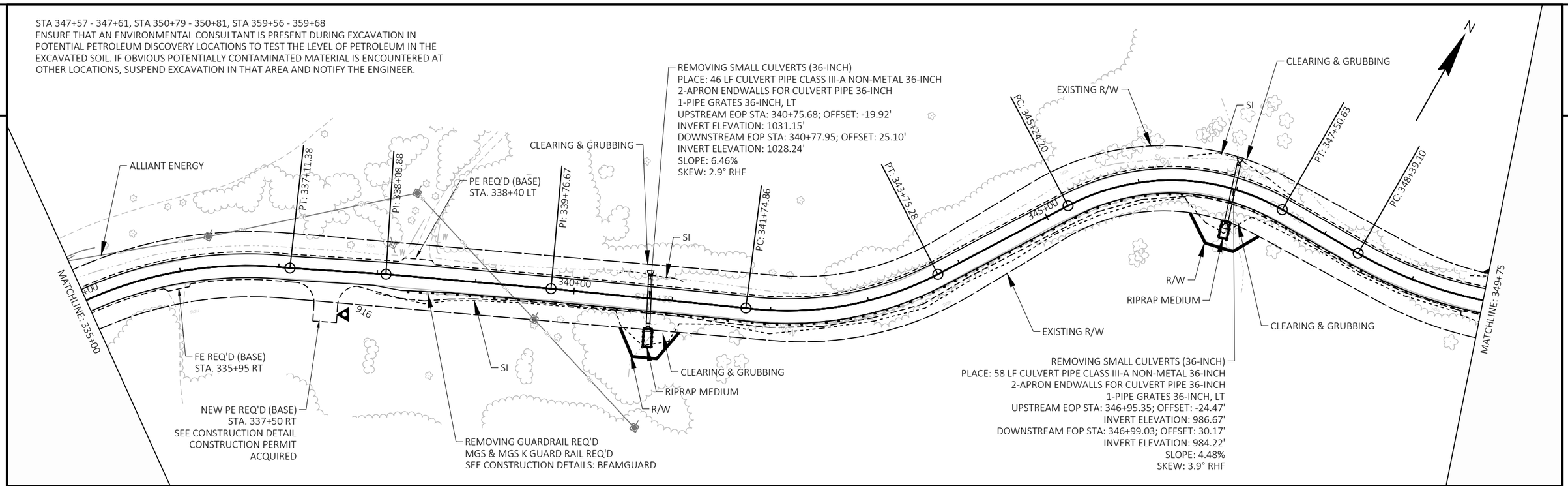
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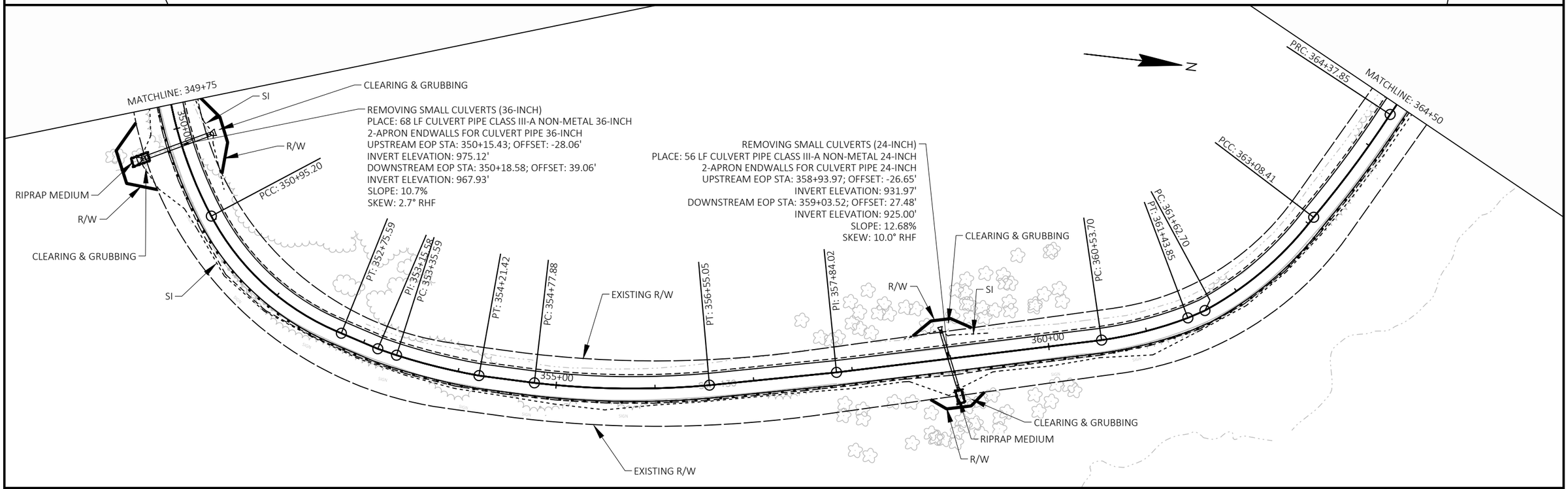


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 27	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 008
PLOT DATE : 6/24/2026 2:13 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

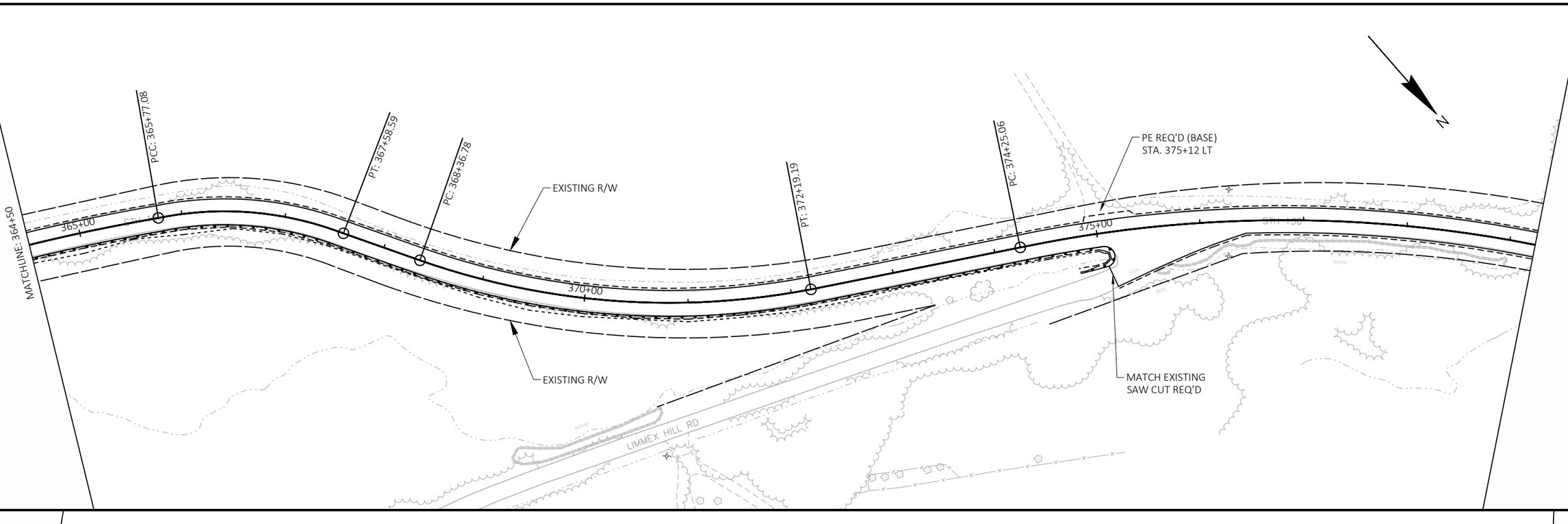
STA 347+57 - 347+61, STA 350+79 - 350+81, STA 359+56 - 359+68
ENSURE THAT AN ENVIRONMENTAL CONSULTANT IS PRESENT DURING EXCAVATION IN POTENTIAL PETROLEUM DISCOVERY LOCATIONS TO TEST THE LEVEL OF PETROLEUM IN THE EXCAVATED SOIL. IF OBVIOUS POTENTIALLY CONTAMINATED MATERIAL IS ENCOUNTERED AT OTHER LOCATIONS, SUSPEND EXCAVATION IN THAT AREA AND NOTIFY THE ENGINEER.





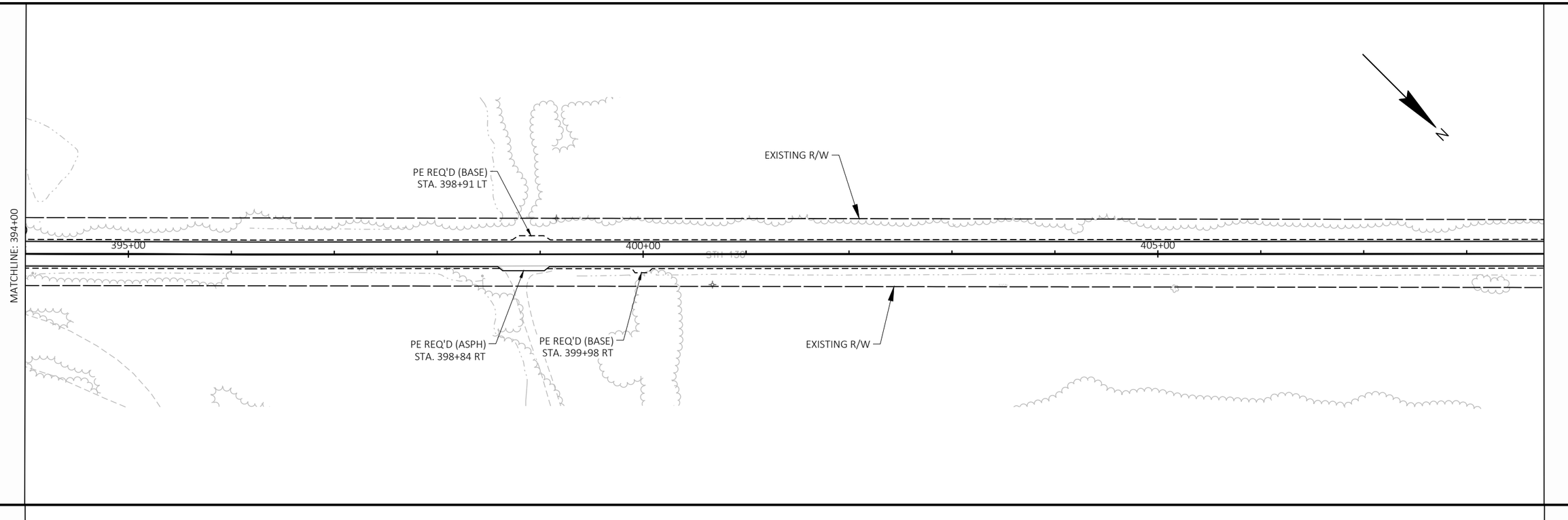
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 28	E

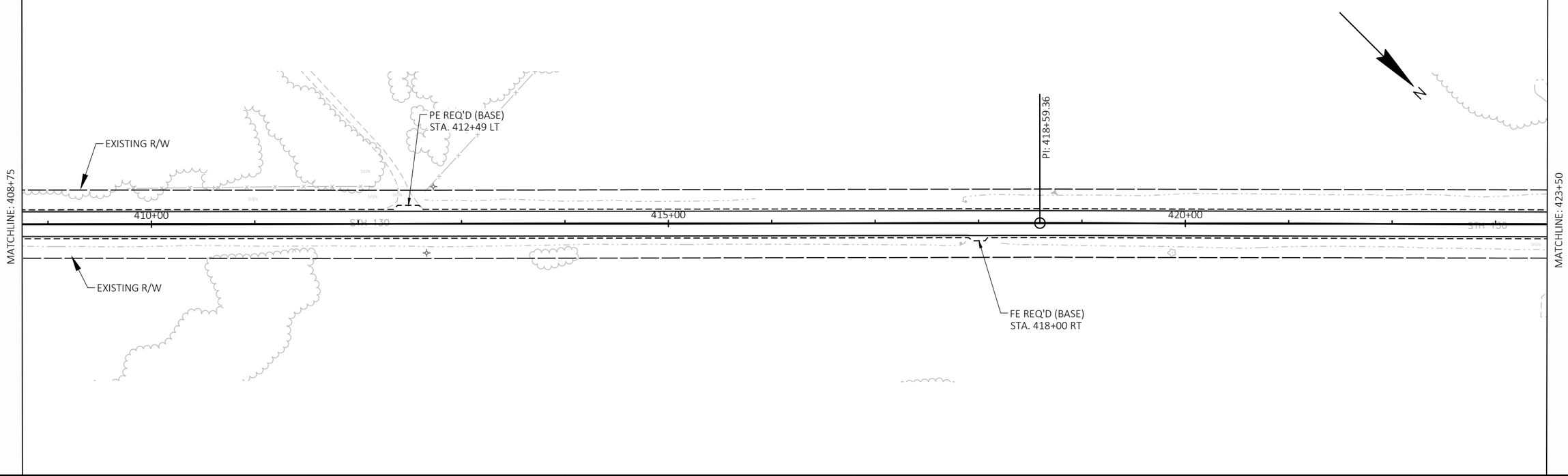
2



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 29	E

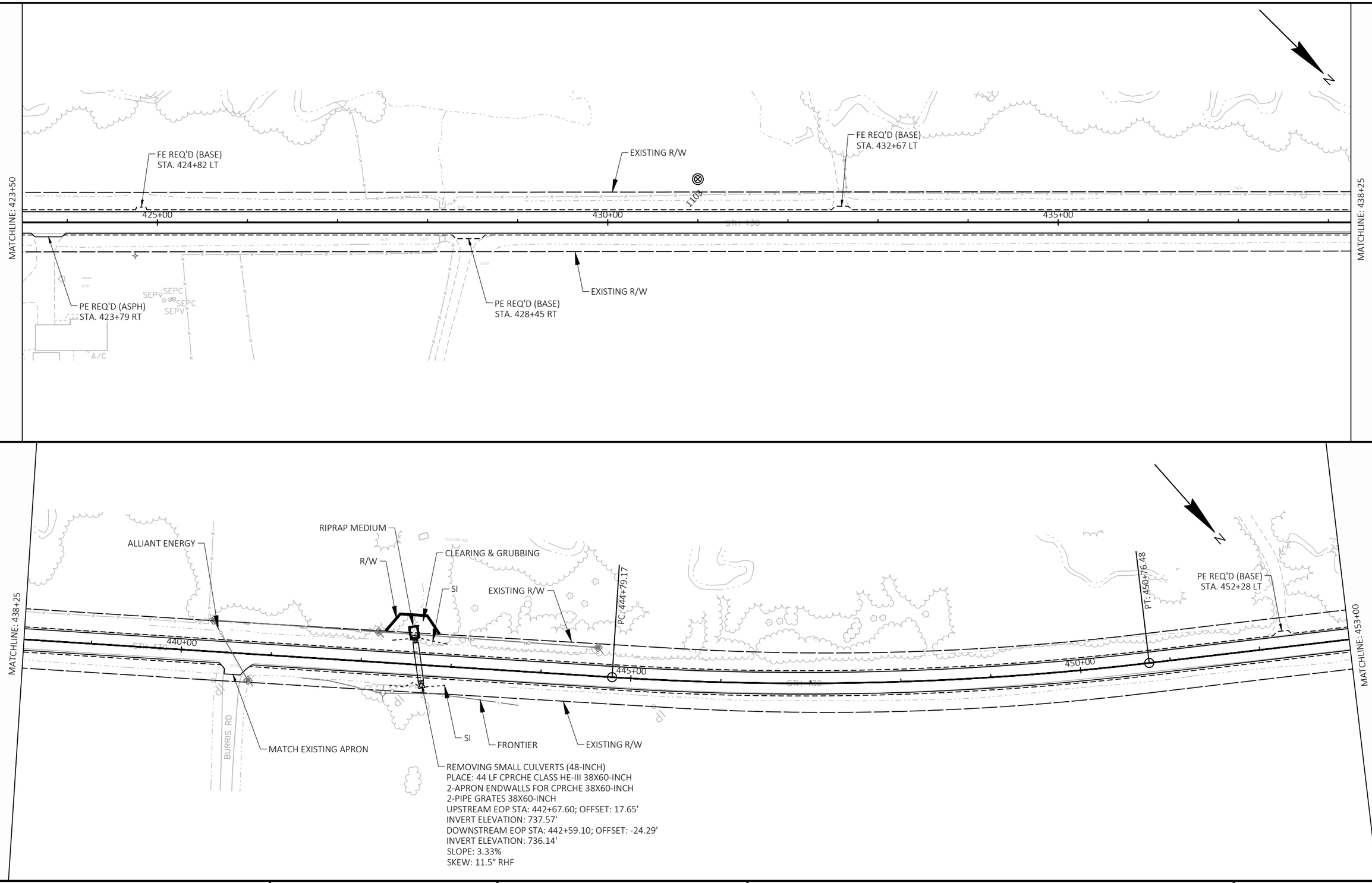
2



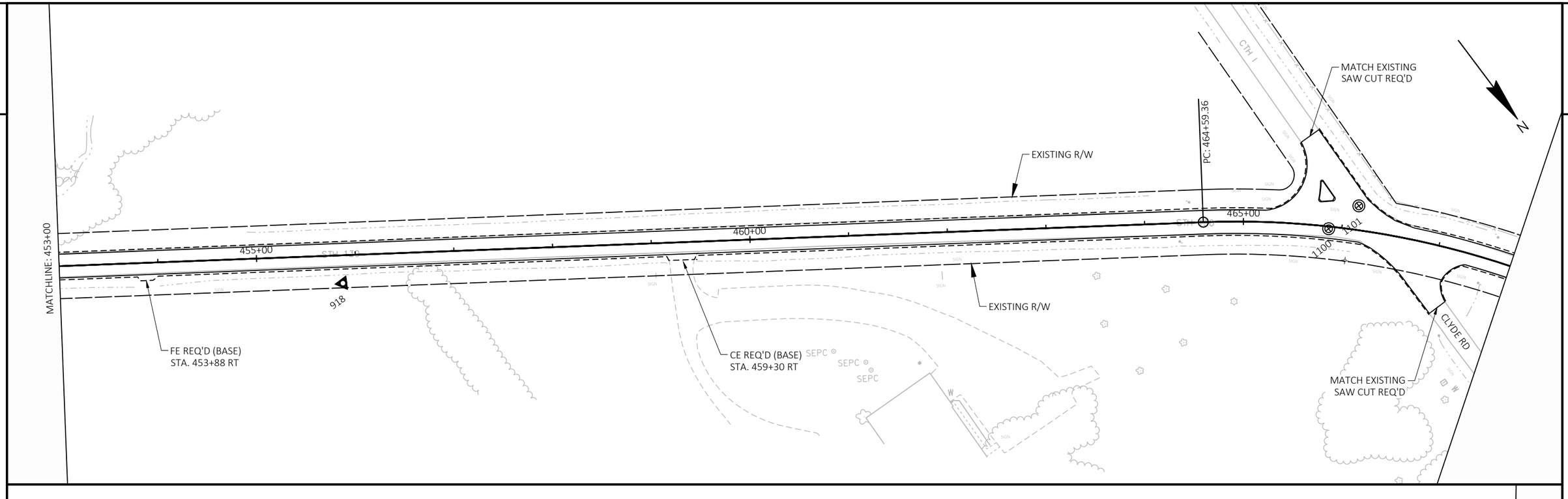


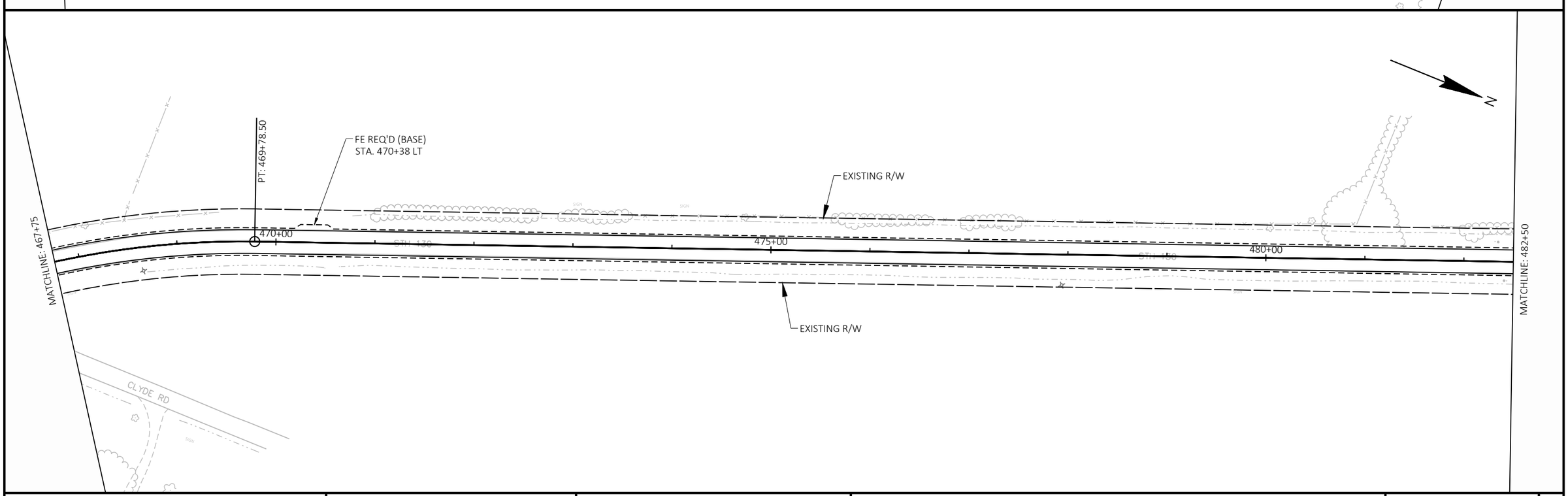
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 30	E

2



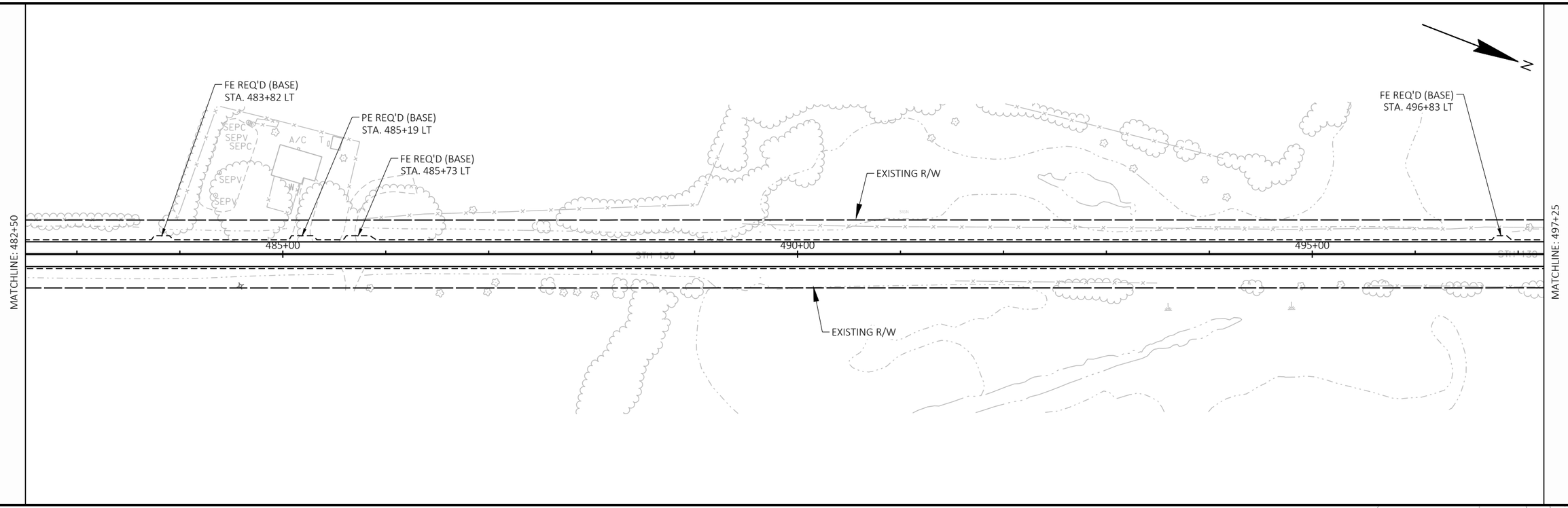
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 31	E

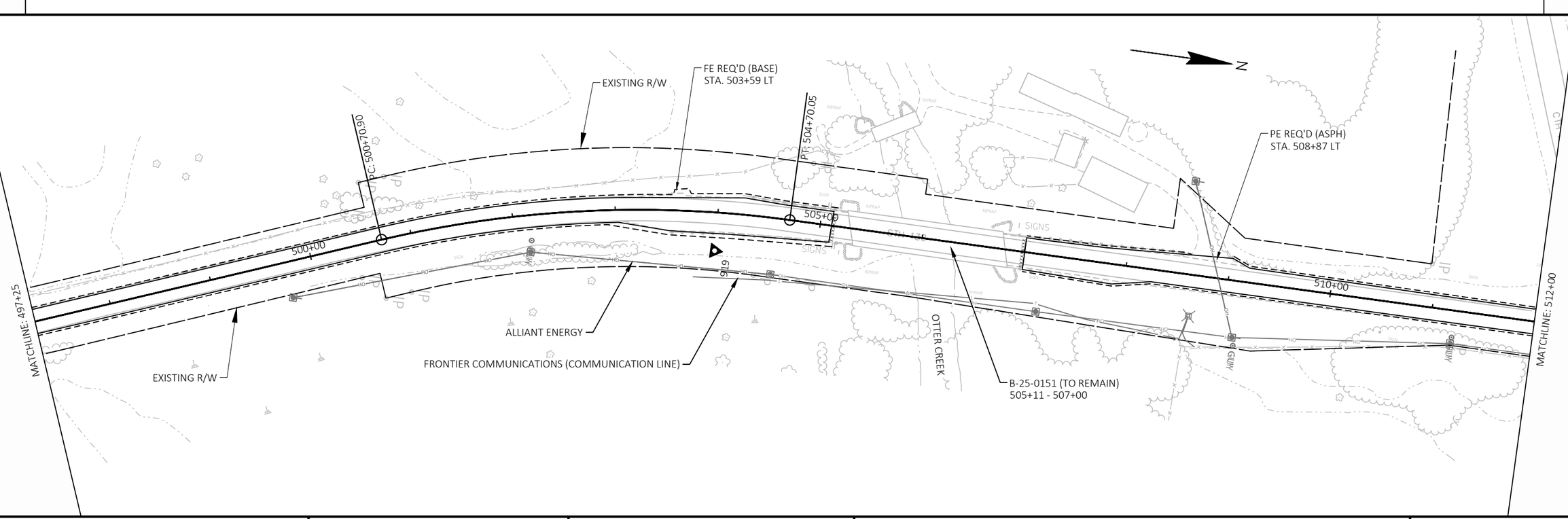




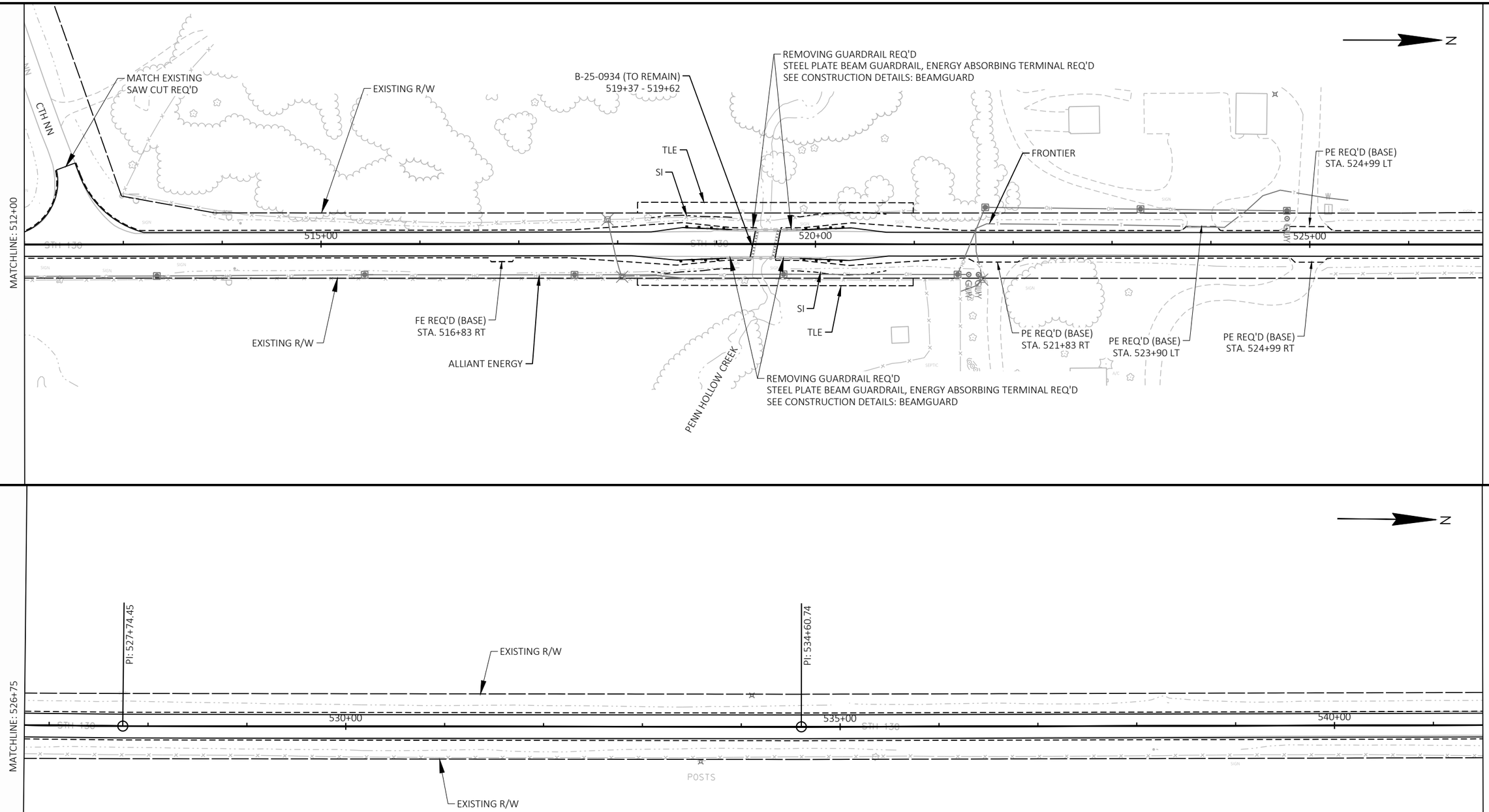
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 32	E

2



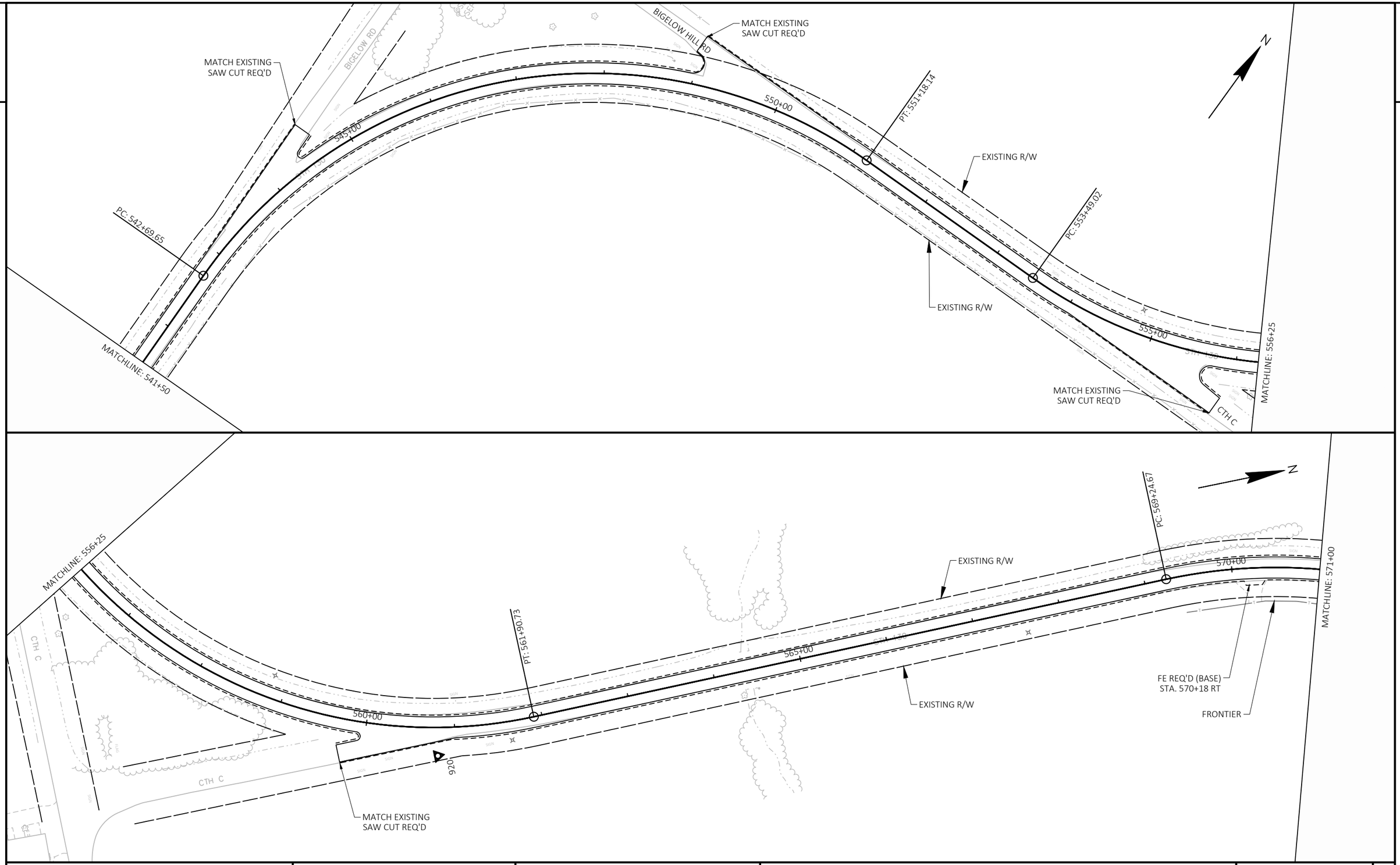


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 33	E



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 34	E

2

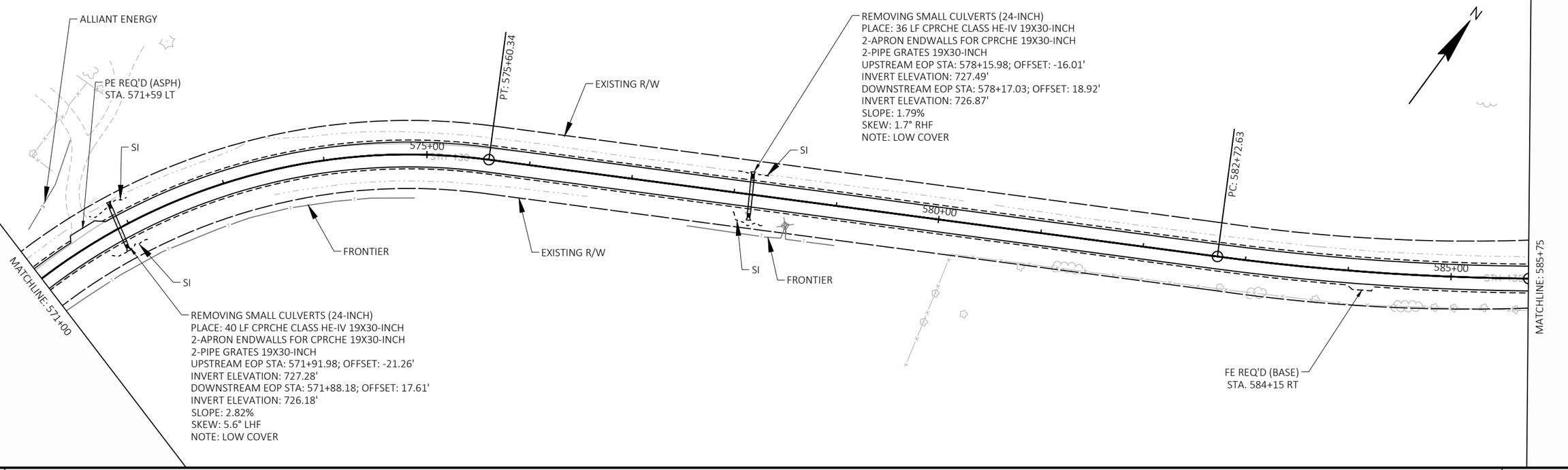


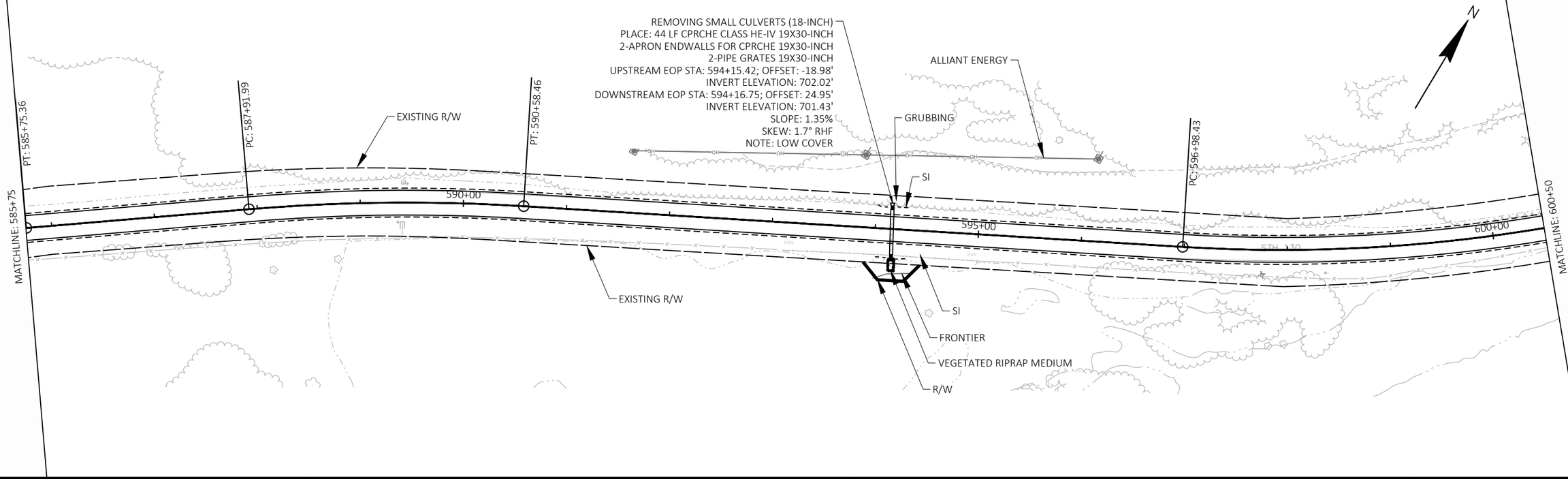
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 35	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 016

PLOT DATE : 6/24/2026 2:15 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

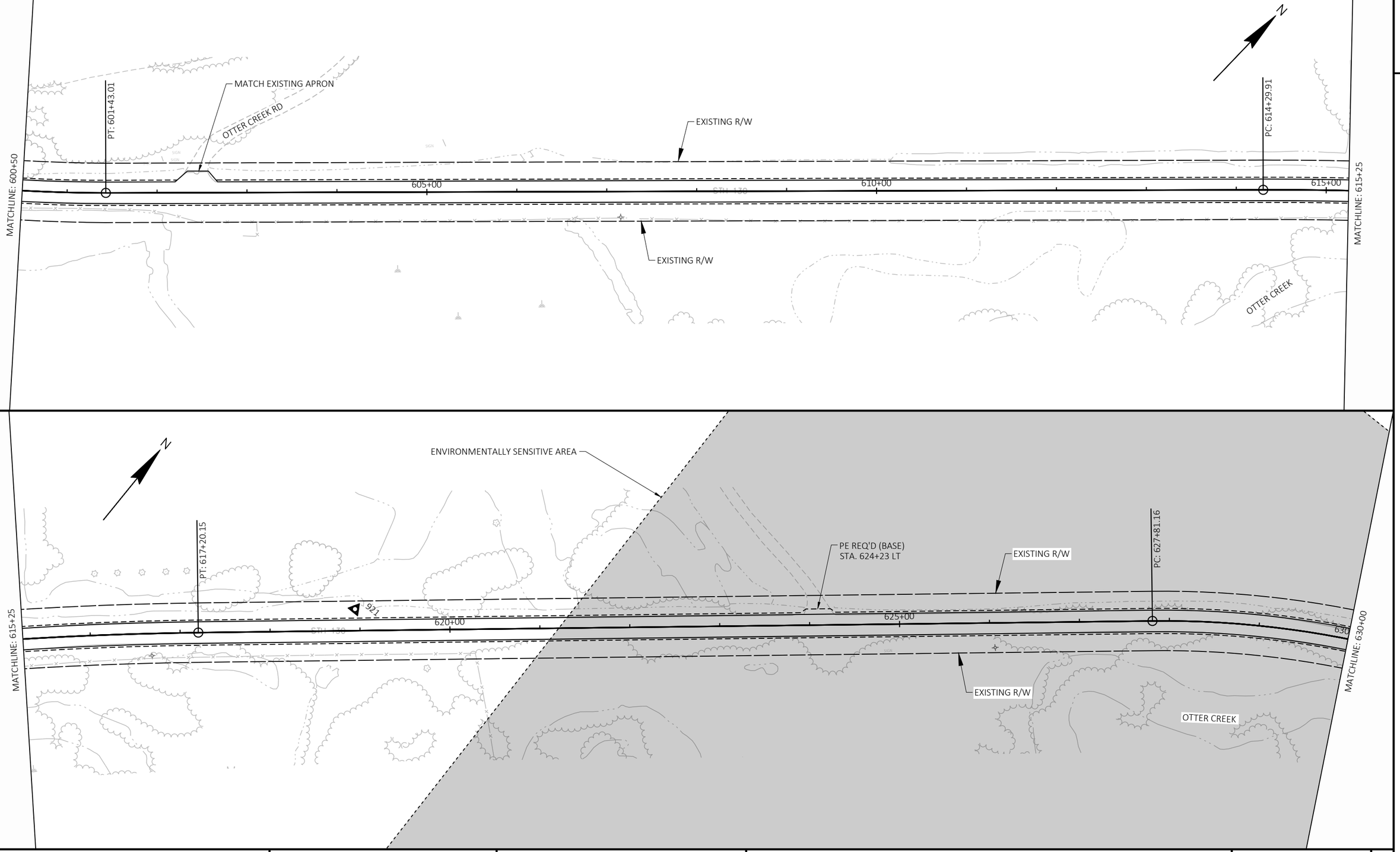
WISDOT/CADDS SHEET 44





PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 36	E

2



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 37	E

2

2

MATCHLINE: 630+00

PT: 631+25.82

ENVIRONMENTALLY SENSITIVE AREA

PC: 636+19.88

EXISTING R/W

635+00

640+00

STH 130

EXISTING R/W

ENVIRONMENTALLY SENSITIVE AREA

MATCHLINE: 644+75

N

MATCHLINE: 644+75

PT: 646+00.81

RIVER RD

MATCH EXISTING APRON

FRONTIER

EXISTING R/W

645+00

650+00

655+00

STH 130

OTTER CREEK LANDING
CE REQ'D (ASPH)
STA. 650+92 RT

EXISTING R/W

REMOVING GUARDRAIL REQ'D
MGS K GUARD RAIL REQ'D
SEE CONSTRUCTION DETAILS: BEAMGUARD

N

ENVIRONMENTALLY SENSITIVE AREA

PC: 657+12.07

SI

SI

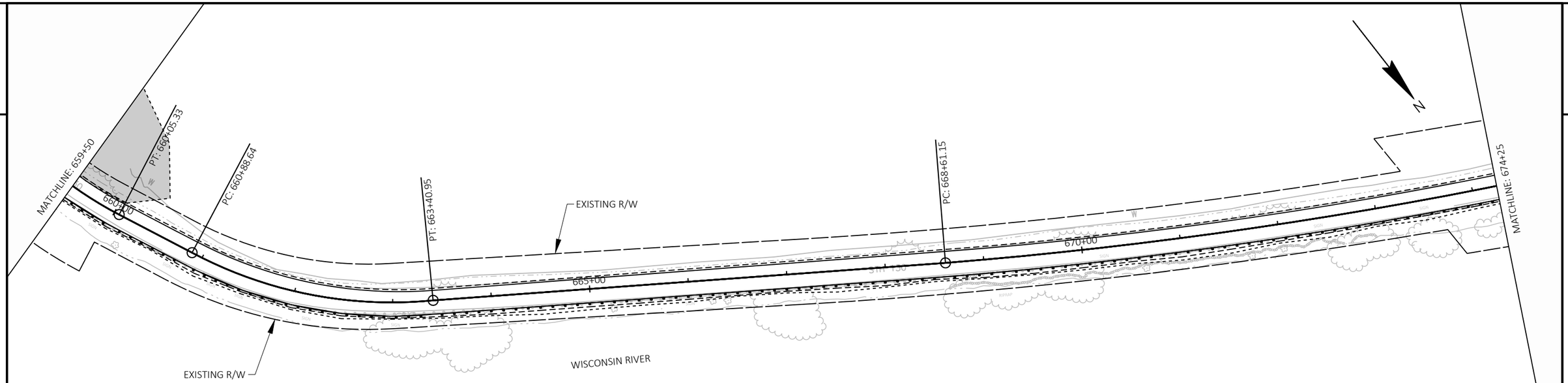
MATCHLINE: 659+50

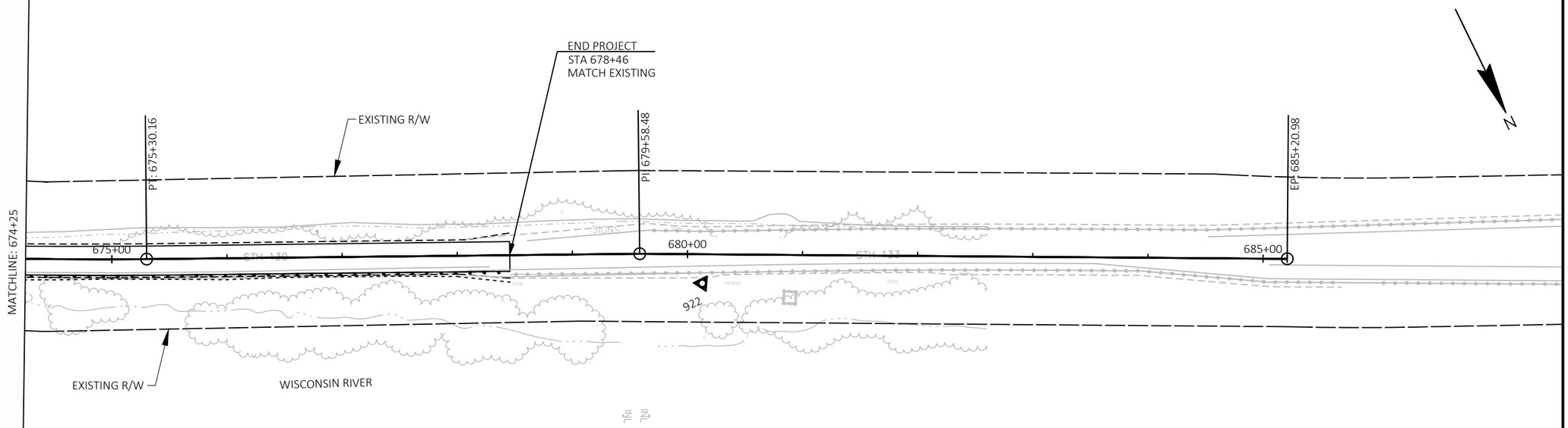
REMOVING SMALL CULVERTS (30-INCH)
PLACE: 58 LF CULVERT PIPE CLASS III-A NON-METAL 30-INCH
2-APRON ENDWALLS FOR CULVERT PIPE 30-INCH
1 - PIPE GRATES 30-INCH, LT
UPSTREAM EOP STA: 657+03.43; OFFSET: -22.22'
INVERT ELEVATION: 694.73'
DOWNSTREAM EOP STA: 657+05.67; OFFSET: 34.69'
INVERT ELEVATION: 692.61'
SLOPE: 3.73%
SKEW: 2.1° RHF

VEGETATED RIPRAP MEDIUM

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 38	E

2





PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 39	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 020

PLOT DATE : 6/24/2026 2:16 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

FRONTIER COMMUNICATIONS

T

R/W

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

EXISTING R/W

ALLIANT ENERGY (OVERHEAD)

HO

GUY

N

SAWCUT STA. 113+14

SAWCUT STA. 113+73

112

113

114

115

STH 130

EXISTING R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 40	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 7/2/2026 12:49 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

FRONTIER COMMUNICATIONS

ALLIANT ENERGY (OVERHEAD)

EXISTING R/W

SAWCUT STA. 175+12

SAWCUT STA. 175+51

STH 130

174

175

176

177

R/W

EXISTING R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 41	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 7/2/2026 12:49 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

R/W

EXISTING R/W

SIGN

SIGN

PI: 241+44.03

STA. 242+45
EXISTING 24" CULVERT TO REMAIN

STH 130

241 242 243 244

OH

ALLIANT ENERGY (OVERHEAD)

EXISTING R/W

FRONTIER

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 42	E

2

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

FRONTIER COMMUNICATIONS

EXISTING R/W

T T T T

PI 301+32.18

SAWCUT STA. 302+01

SAWCUT STA. 302+69

301 302 303 304

STH 130

OH OH OH OH OH OH OH OH OH OH OH OH

SIGN

ALLIANT ENERGY (OVERHEAD)

EXISTING R/W

R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 43	E

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

ALLIANT ENERGY (OVERHEAD)

EXISTING R/W

SIGN

SIGN

SIGN

SIGN

OH

W

W

PI: 337+11.38

PI: 338+08.88

STH 130

337

338

339

SI

EXISTING R/W

916

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 44	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 7/2/2026 12:50 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

EXISTING R/W

PT: 339+76.67

PC: 341+74.86

SAWCUT STA. 340+44

SAWCUT STA. 341+09

STH 130

339

340

341

342

OHL

ALLIANT ENERGY (OVERHEAD)

R/W

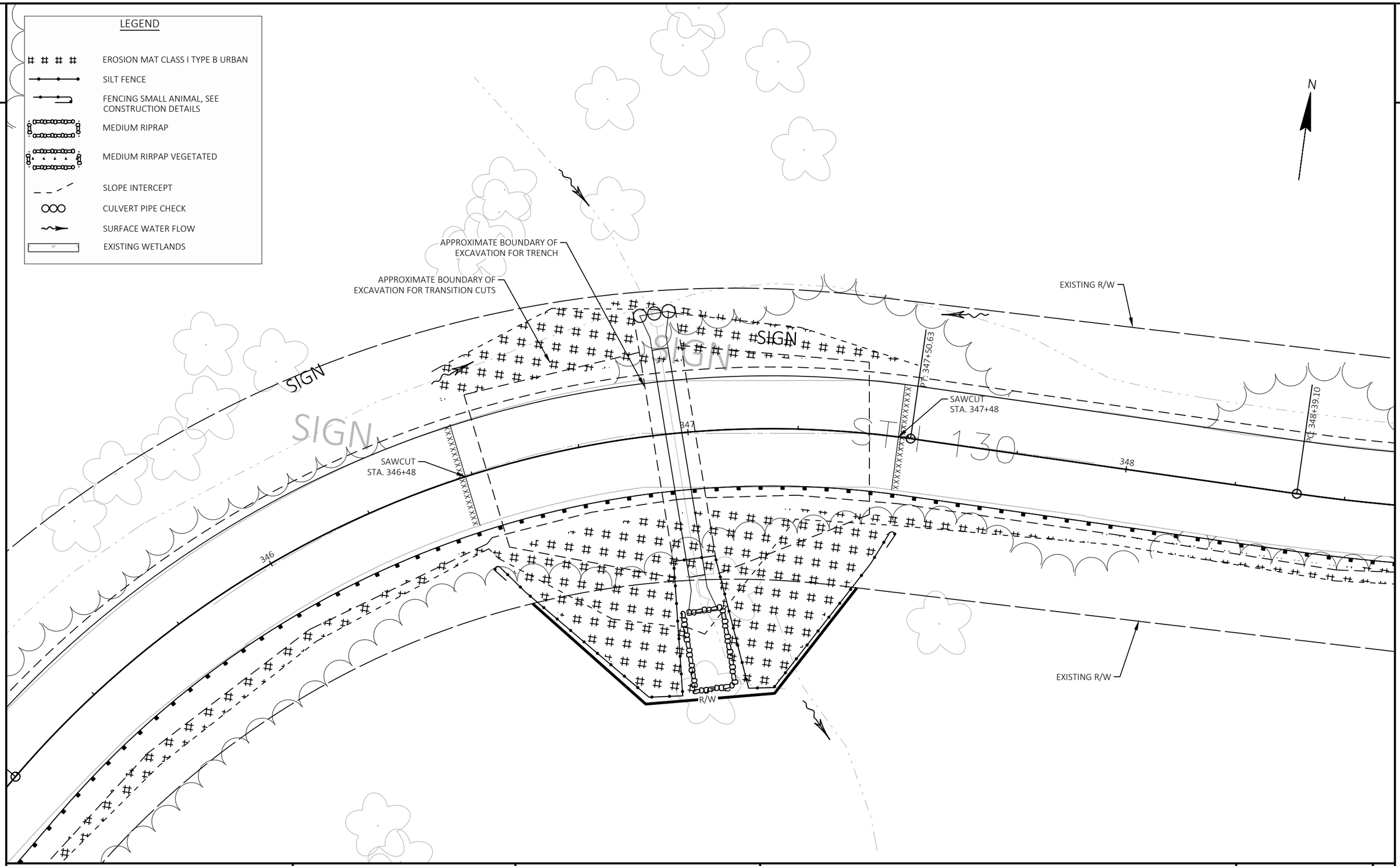
EXISTING R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 45	E

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 46	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 7/2/2026 12:50 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

R/W

EXISTING R/W

PI Cl 350+95.20

STH 130

349

350

351

SAWCUT STA. 349+56

SAWCUT STA. 350+77

SIGN

SIGN

SIGN

EXISTING R/W

R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 47	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 08

PLOT DATE : 7/2/2026 12:50 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

R/W

EXISTING R/W

PI 357+84.02

STH 130

SAWCUT STA. 358+56

SAWCUT STA. 359+41

358

359

360

SIGN

R/W

EXISTING R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 48	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 09

PLOT DATE : 7/2/2026 12:50 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

EXISTING R/W

PC: 374+25.06

STH 130

374

375

376

SIGN

SIGN

EXISTING R/W

EXISTING R/W

LIMMEX HILL RD

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 49	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 10

PLOT DATE : 7/2/2026 12:50 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

R/W

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

G R/W

ALLIANT ENERGY (OVERHEAD)

OH

SAWCUT STA. 442+33

SAWCUT STA. 442+94

STH 130

441

442

443

444

N

EXISTING R/W

FRONTIER

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 50	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 11

PLOT DATE : 7/2/2026 12:51 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

NOTES:
AVOID DISTURBING AREAS OUTSIDE TOE OF SLOPE
ALL DISTURBED AREAS AT THIS LOCATION TO BE SEEDED WITH SEEDING MIX #75

DO NOT APPLY FERTILIZER WITHIN 20-FEET OF WETLANDS

N

PENN HOLLOW CREEK

TLE

EXISTING R/W

SIGN

SIGN

SIGN

PI: 514+96.76

518

STH 130

519

520

B-25-0934
(TO REMAIN)

OH

EXISTING R/W

ALLIANT ENERGY (OVERHEAD)

TLE

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 51	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 12

PLOT DATE : 7/2/2026 12:51 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

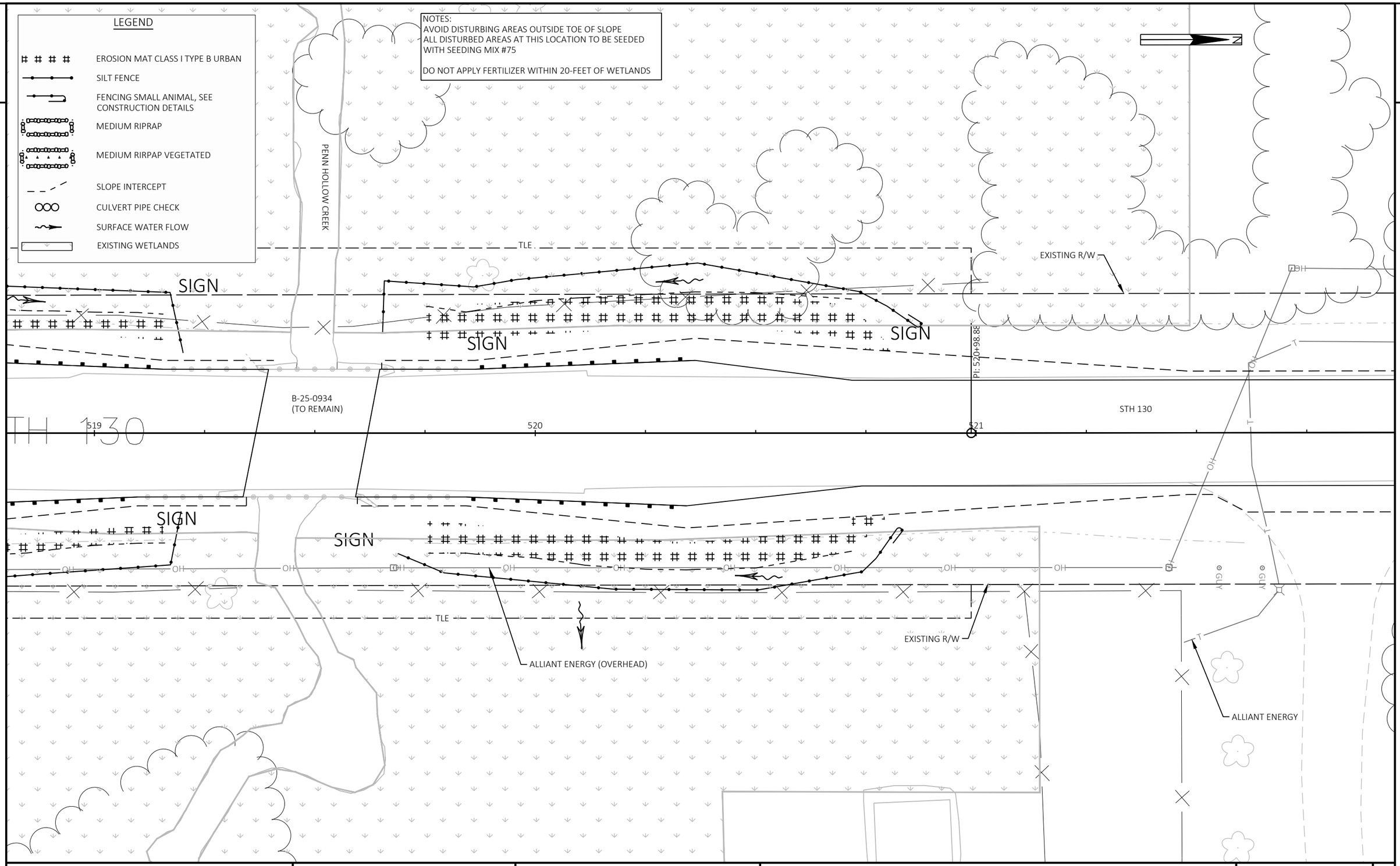
2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

NOTES:
AVOID DISTURBING AREAS OUTSIDE TOE OF SLOPE
ALL DISTURBED AREAS AT THIS LOCATION TO BE SEEDED WITH SEEDING MIX #75

DO NOT APPLY FERTILIZER WITHIN 20-FEET OF WETLANDS



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 52	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 13

PLOT DATE : 7/2/2026 12:51 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

N

ALLIANT ENERGY

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

SIGN

EXISTING R/W

SIGN

SAWCUT STA. 571+70

SAWCUT STA. 572+10

571

572

573

STH 130

FRONTIER

EXISTING R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 53	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 14

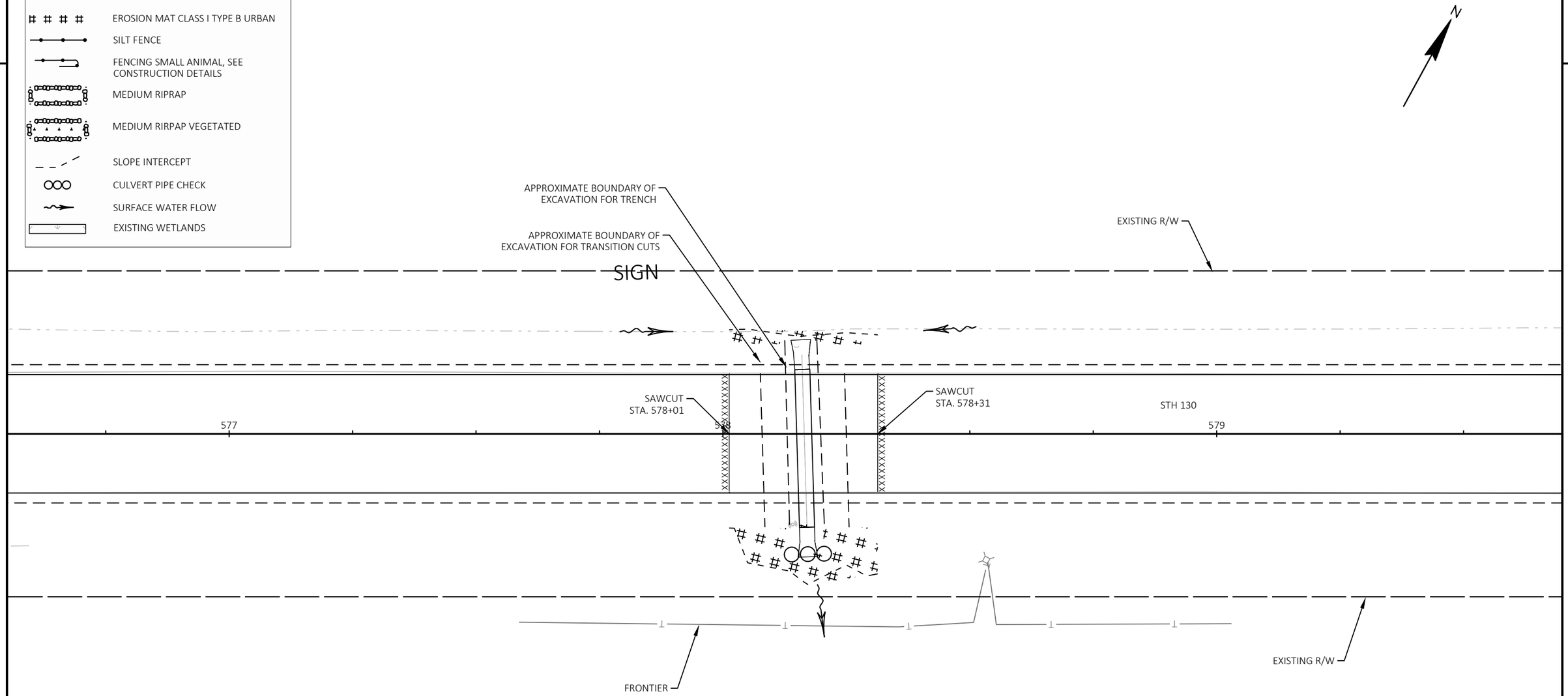
PLOT DATE : 7/2/2026 12:51 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 54	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 15

PLOT DATE : 7/2/2026 12:51 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

NOTES:
AVOID DISTURBING AREAS OUTSIDE TOE OF SLOPE
ALL DISTURBED AREAS AT THIS LOCATION TO BE SEEDED WITH SEEDING MIX #75

DO NOT APPLY FERTILIZER WITHIN 20-FEET OF WETLANDS

OH

ALLIANT ENERGY (OVERHEAD)

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRENCH

APPROXIMATE BOUNDARY OF EXCAVATION FOR TRANSITION CUTS

EXISTING R/W

SAWCUT STA. 594+01

SAWCUT STA. 594+31

STH 130

593

594

595

SIGN

SIGN

R/W

EXISTING R/W

FRONTIER COMMUNICATIONS

2

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 55	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 16

PLOT DATE : 7/2/2026 12:52 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

NOTES:
AVOID DISTURBING AREAS OUTSIDE TOE OF SLOPE
ALL DISTURBED AREAS AT THIS LOCATION TO BE SEEDED WITH SEEDING MIX #75

DO NOT APPLY FERTILIZER WITHIN 20-FEET OF WETLANDS

N

EXISTING R/W

SIGN

FRONTIER

STH 130

651

STH 130

652

653

SIGN

SIGN

SIGN

OTTER CREEK LANDING

EXISTING R/W

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 56	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 17

PLOT DATE : 7/2/2026 12:52 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

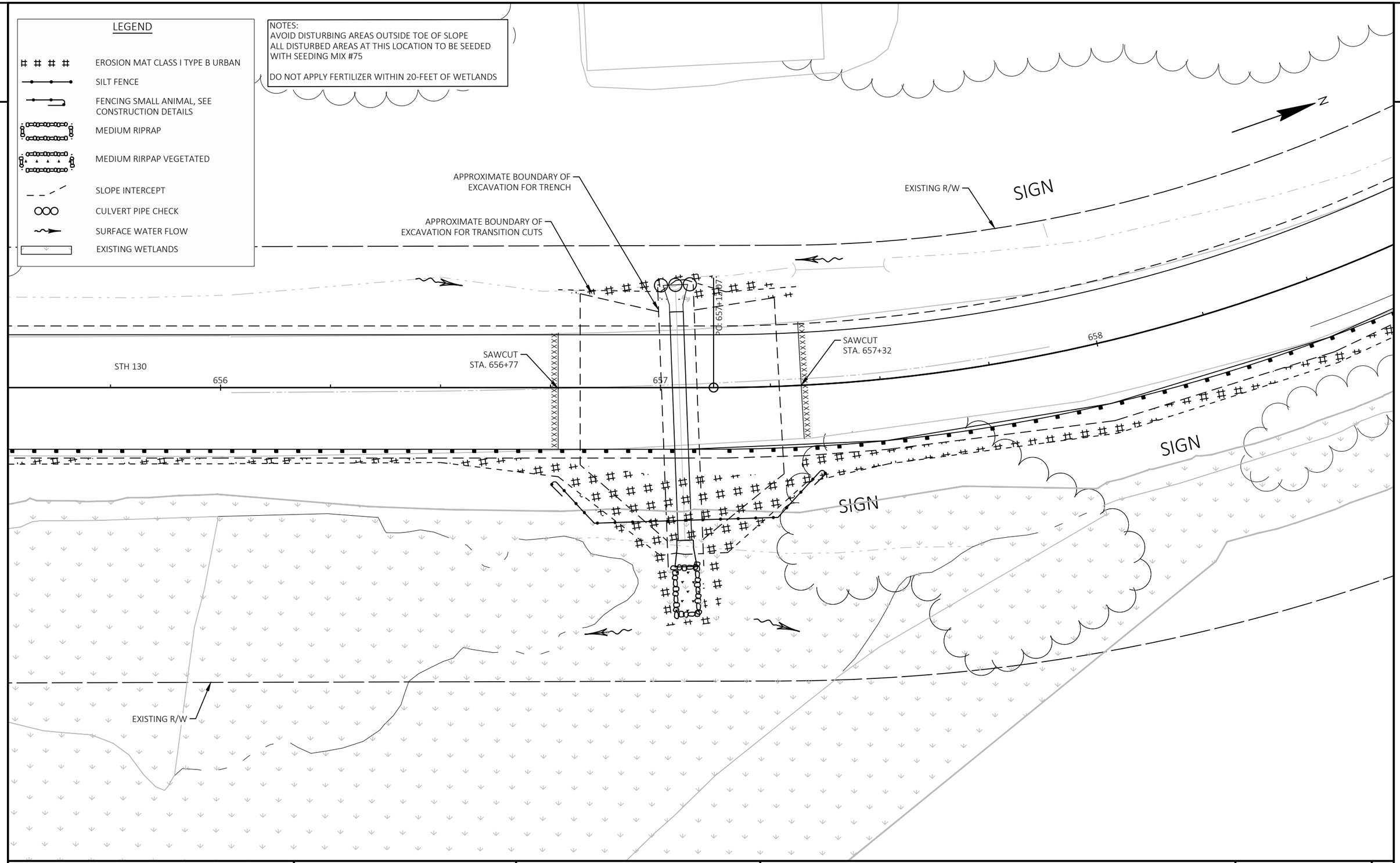
2

LEGEND

- EROSION MAT CLASS I TYPE B URBAN
- SILT FENCE
- FENCING SMALL ANIMAL, SEE CONSTRUCTION DETAILS
- MEDIUM RIPRAP
- MEDIUM RIRPAP VEGETATED
- SLOPE INTERCEPT
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- EXISTING WETLANDS

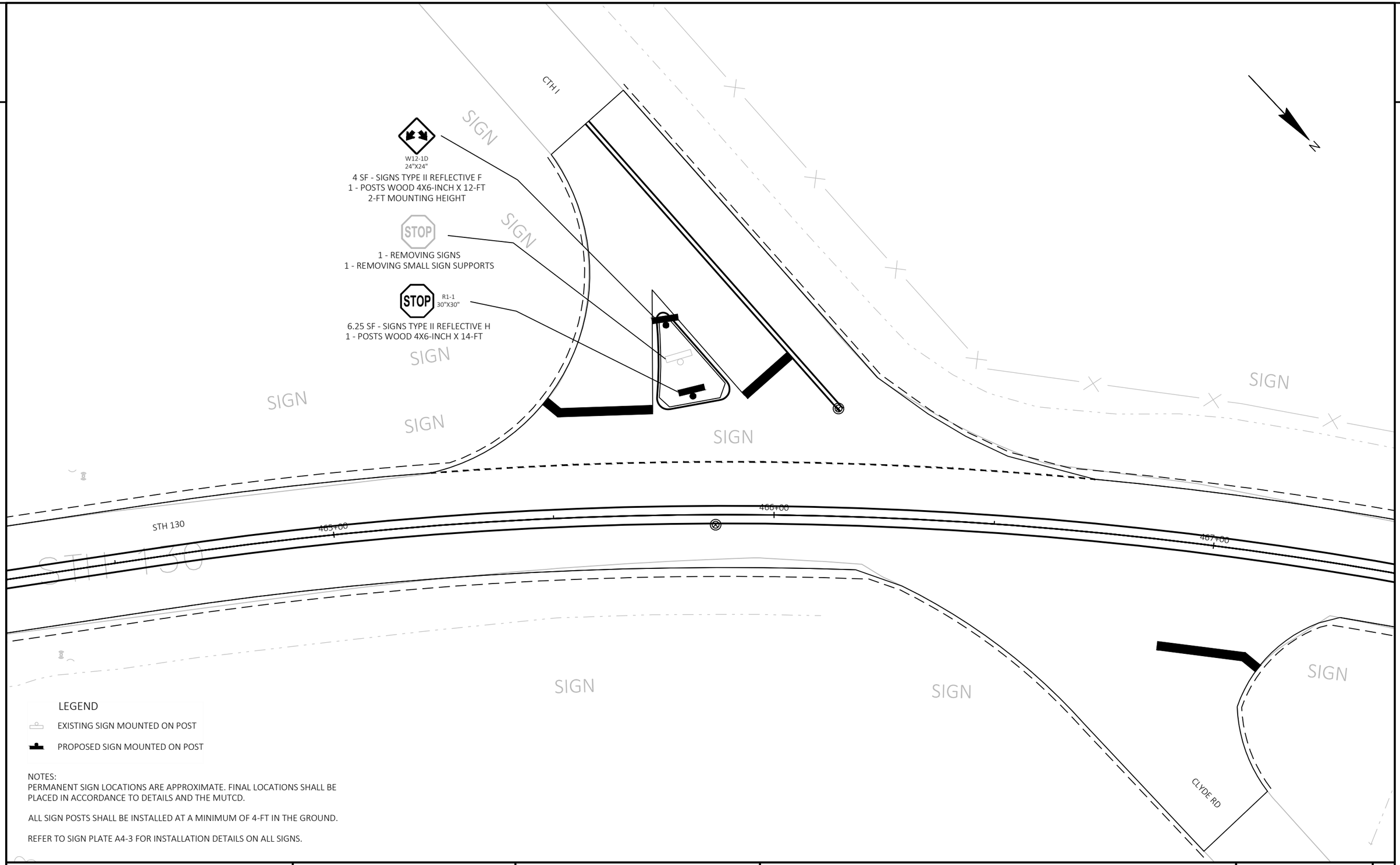
NOTES:
AVOID DISTURBING AREAS OUTSIDE TOE OF SLOPE
ALL DISTURBED AREAS AT THIS LOCATION TO BE SEEDED WITH SEEDING MIX #75

DO NOT APPLY FERTILIZER WITHIN 20-FEET OF WETLANDS



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 57	E

2



LEGEND

EXISTING SIGN MOUNTED ON POST

PROPOSED SIGN MOUNTED ON POST

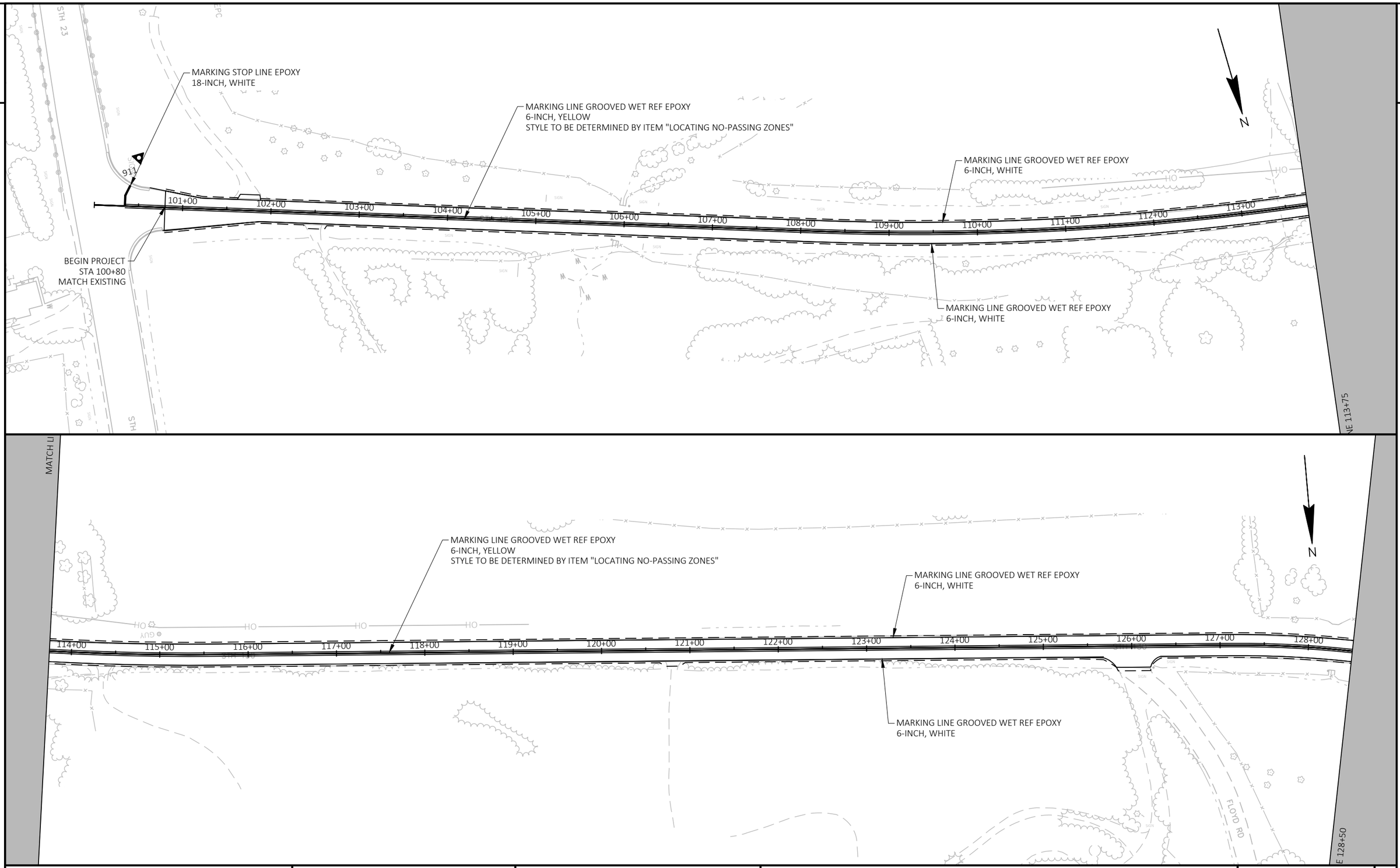
NOTES:
PERMANENT SIGN LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE PLACED IN ACCORDANCE TO DETAILS AND THE MUTCD.

ALL SIGN POSTS SHALL BE INSTALLED AT A MINIMUM OF 4-FT IN THE GROUND.

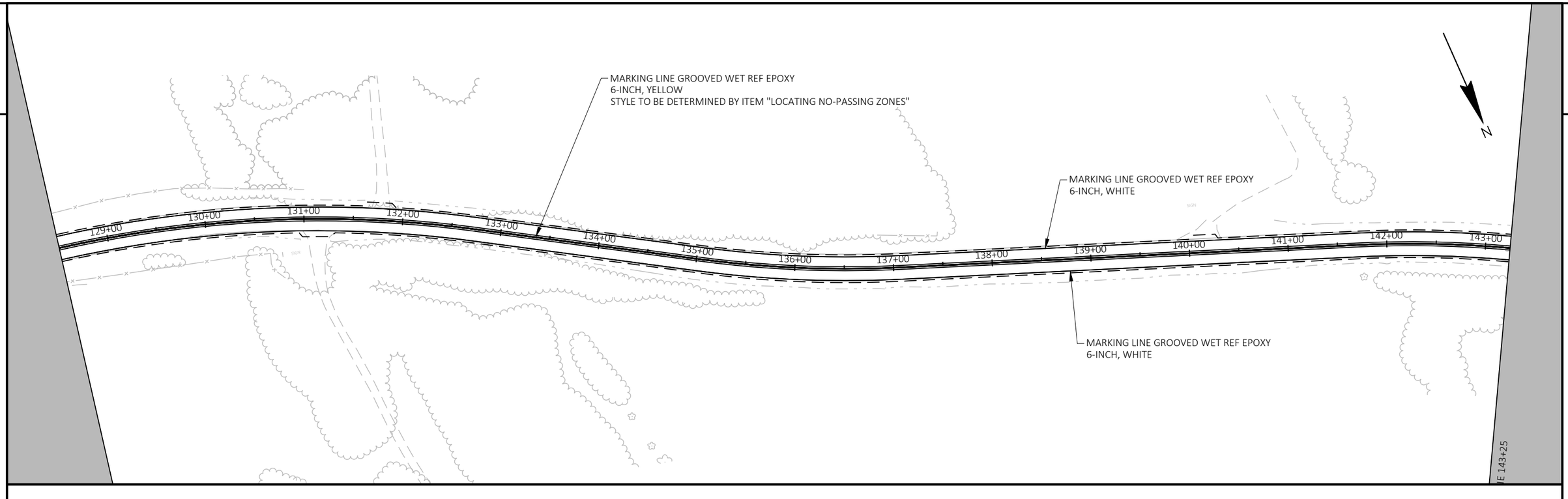
REFER TO SIGN PLATE A4-3 FOR INSTALLATION DETAILS ON ALL SIGNS.

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PERMANENT SIGNING	SHEET 58	E

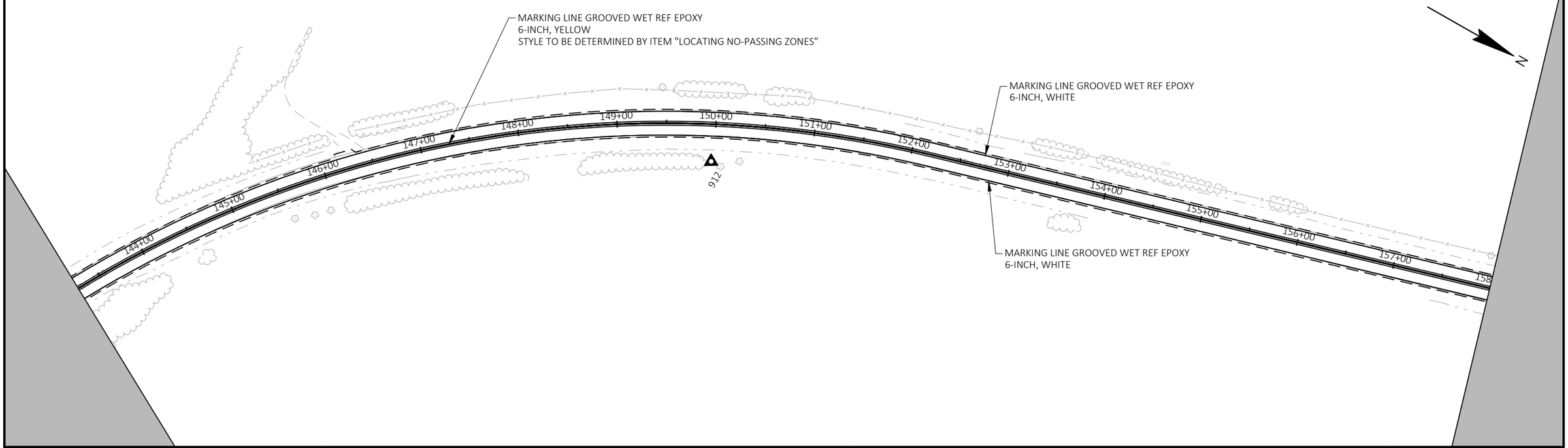
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PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 59	E

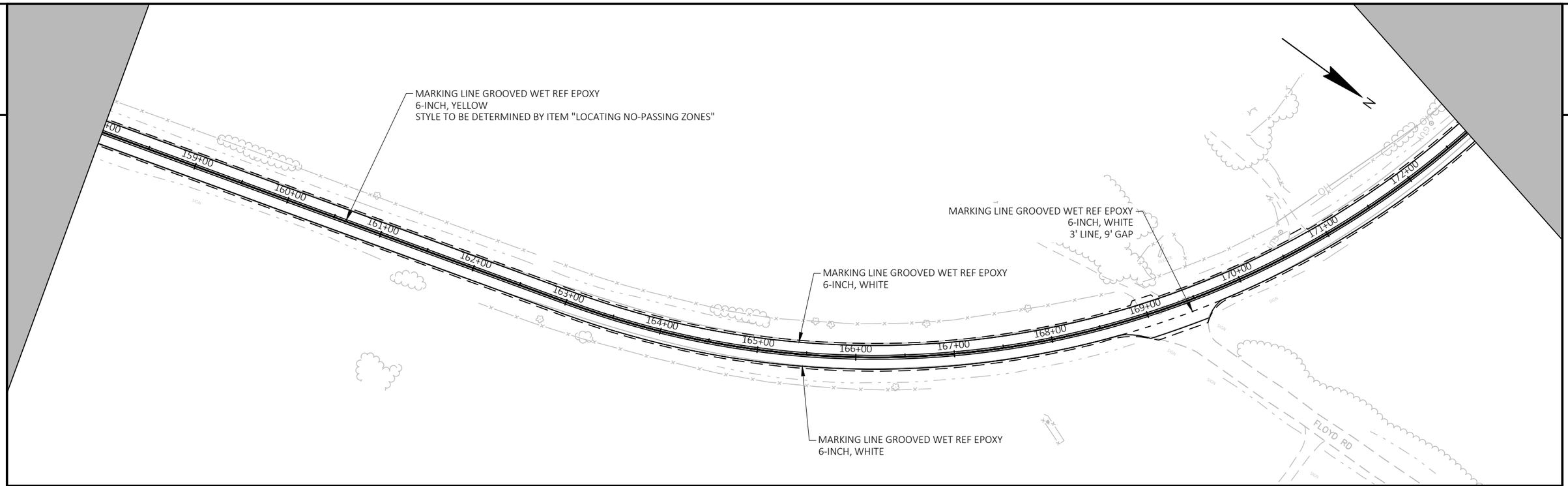


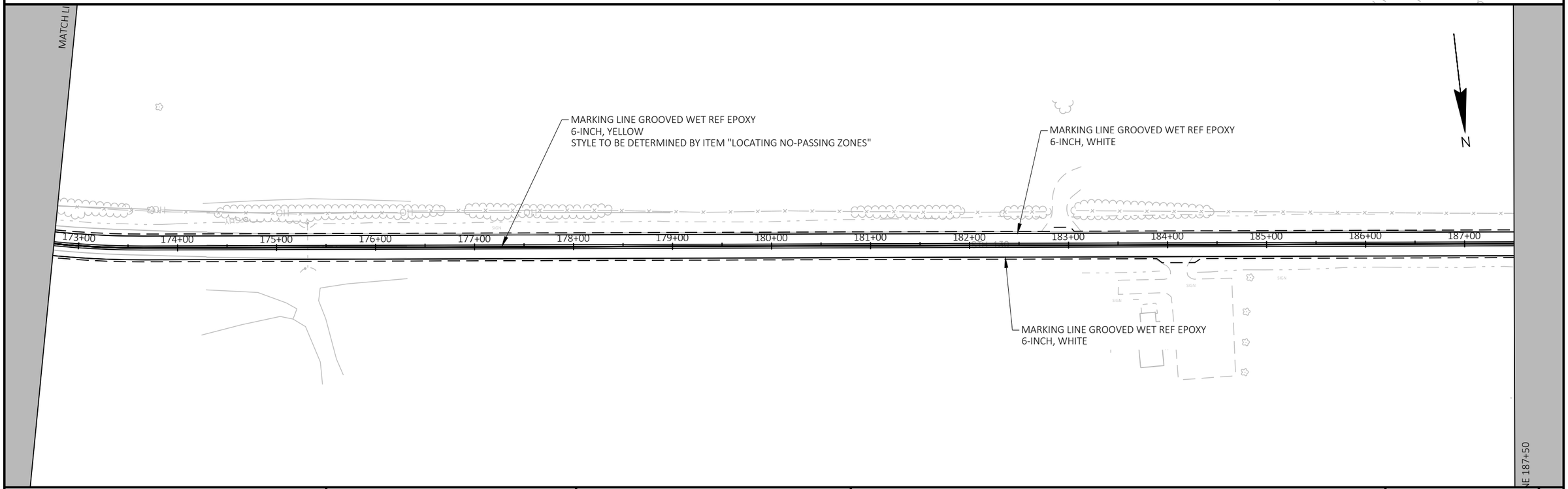
2



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 60	E

2



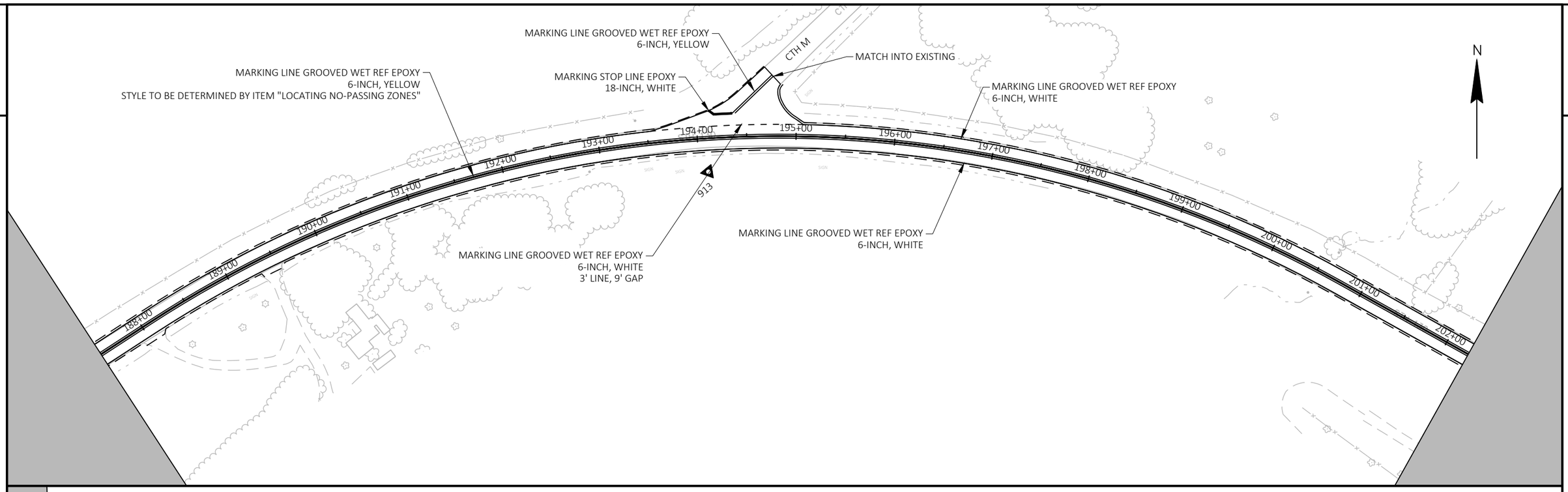


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 61	E

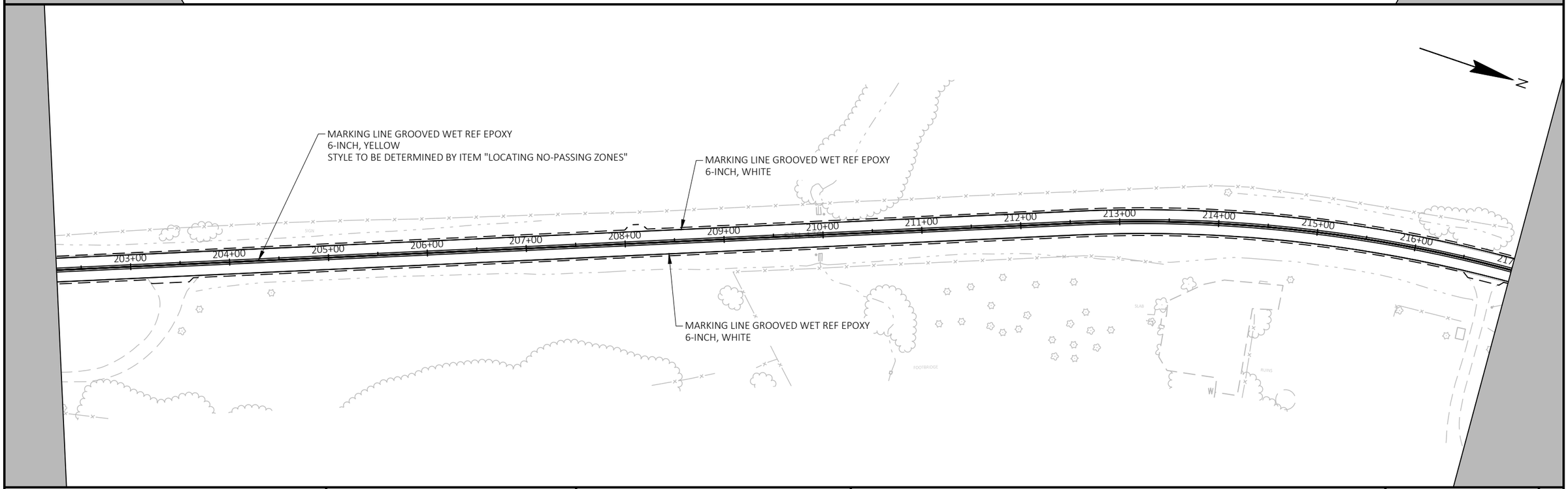
FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 03

PLOT DATE : 6/2/2026 8:39 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



2



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 62	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 04

PLOT DATE : 6/2/2026 8:39 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

MATCH LI

N

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

+00 218+00 219+00 220+00 221+00 222+00 223+00 224+00 225+00 226+00 227+00 228+00 229+00 230+00 231+00

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

232+00 233+00 234+00 235+00 236+00 237+00 238+00 239+00 240+00 241+00 242+00 243+00 244+00 245+00 246+00

2

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 63	E

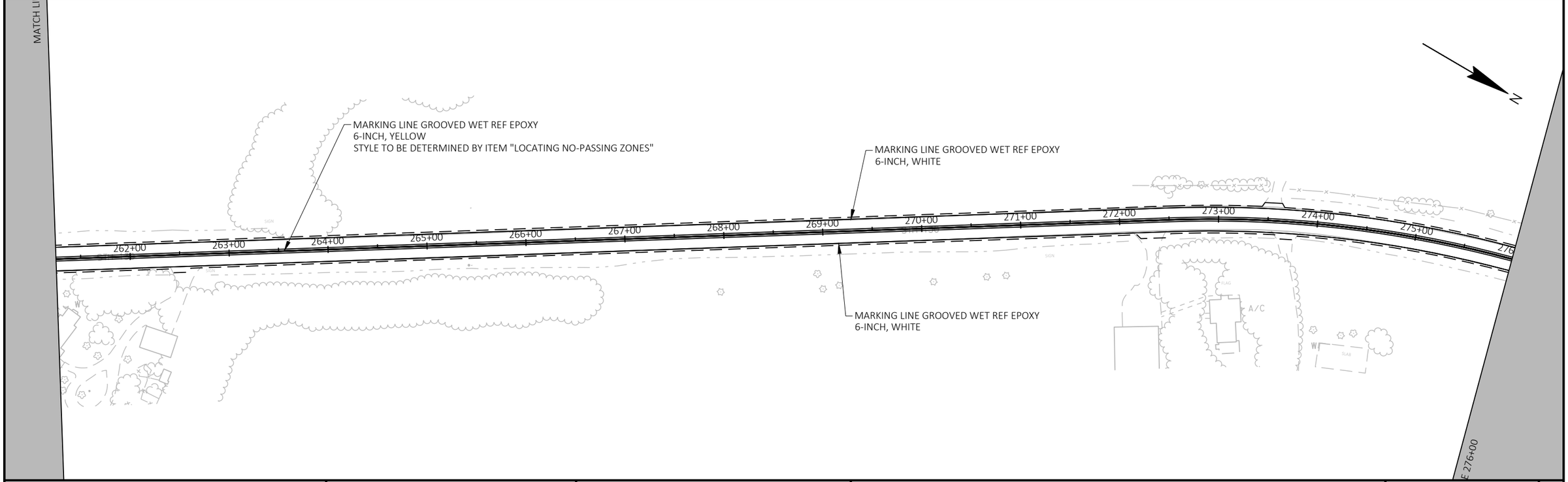
FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 05

PLOT DATE : 6/2/2026 8:40 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



MATCH LINE



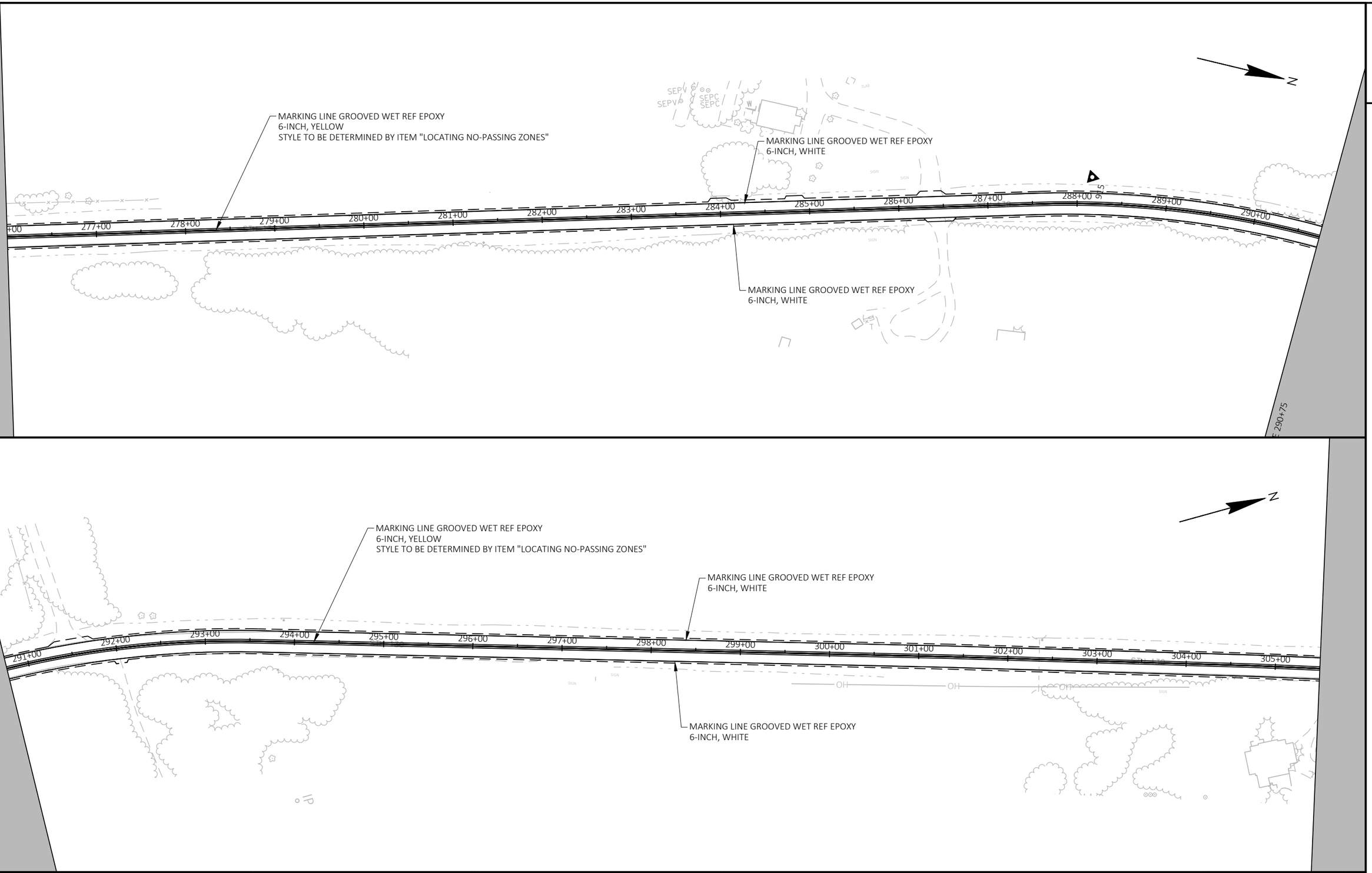
MATCH LINE 276+00

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 64	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 06
PLOT DATE : 6/2/2026 8:40 AM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH LI



2

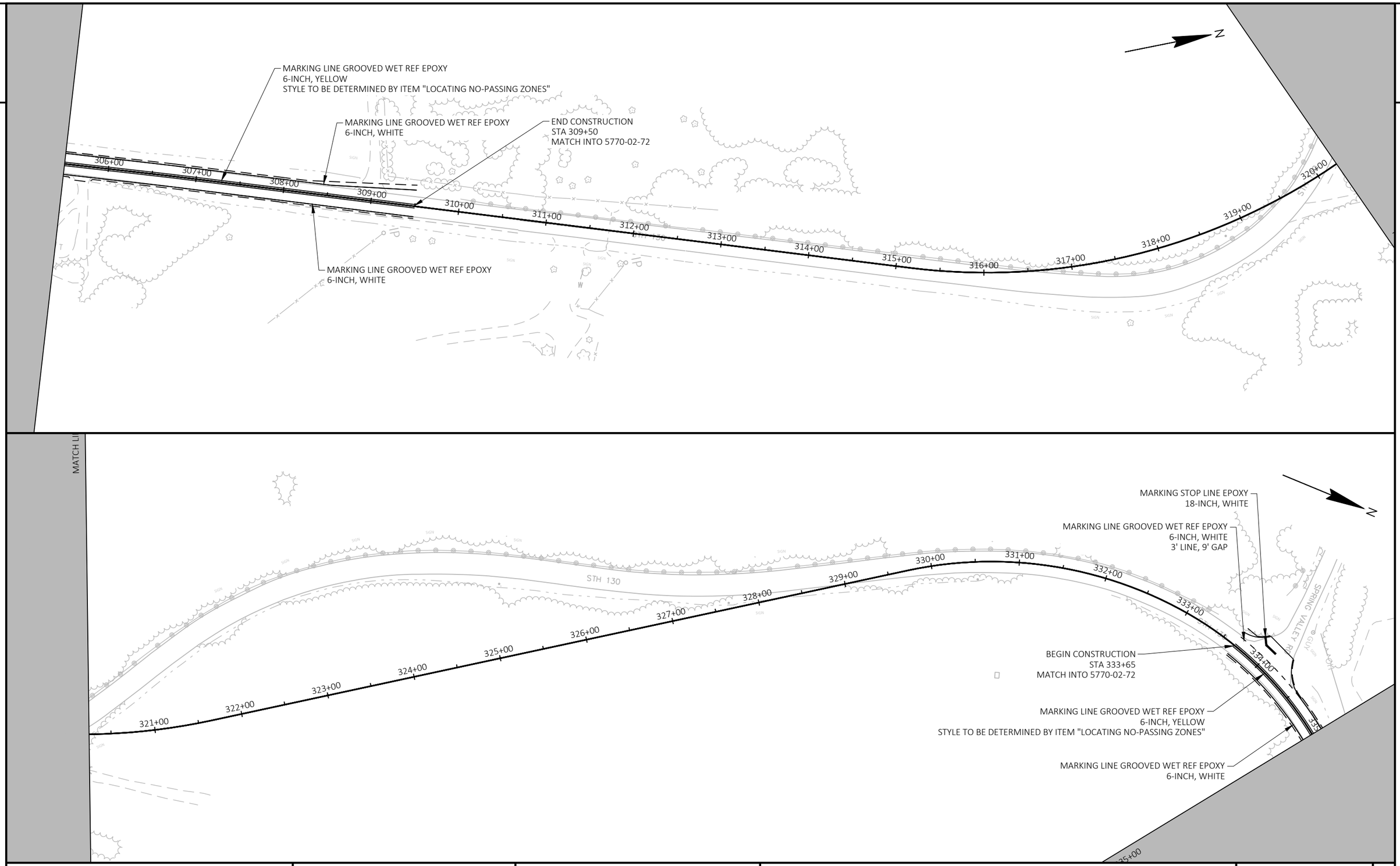
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 65	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 07

PLOT DATE : 6/2/2026 8:40 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

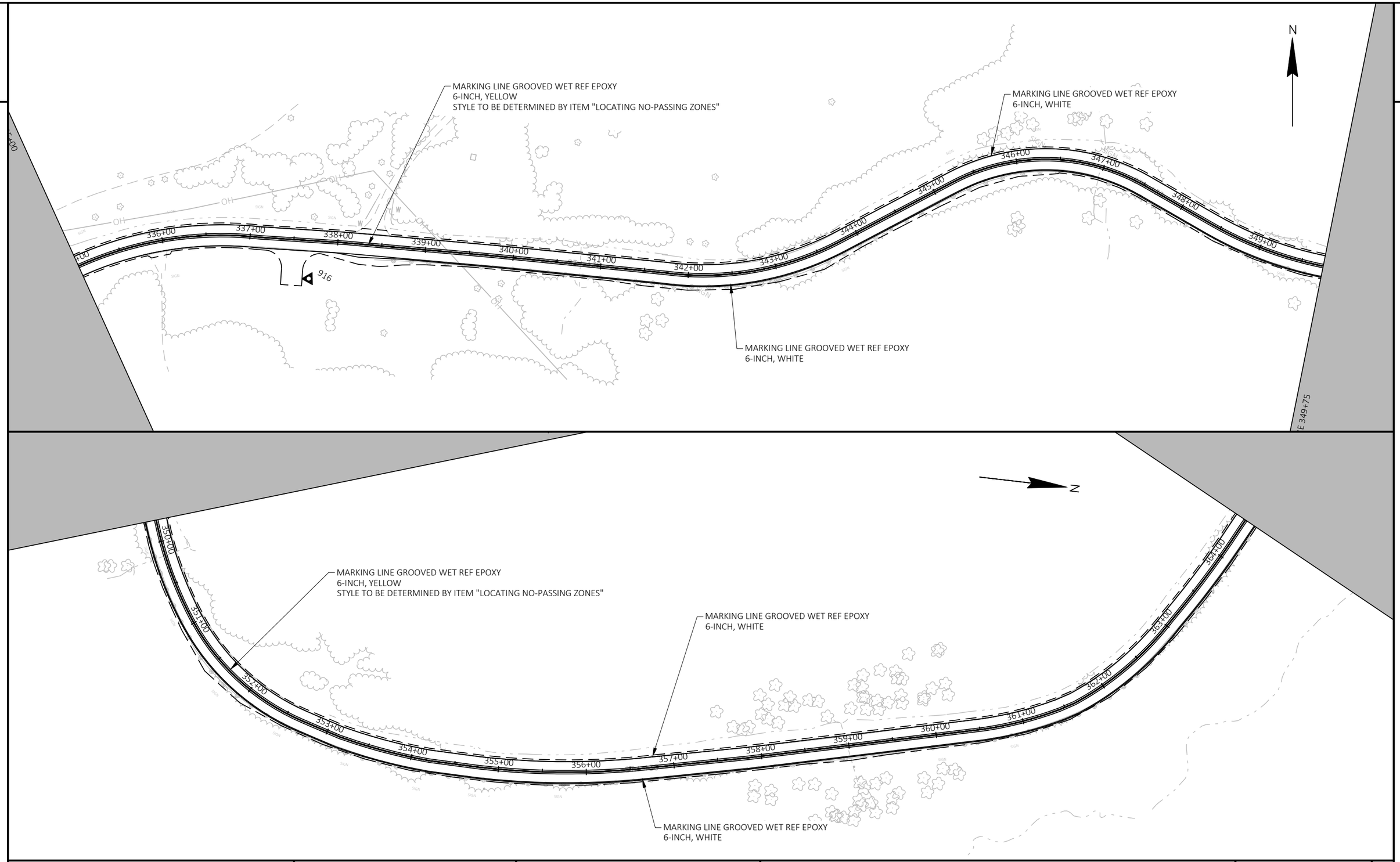


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 66	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 08

PLOT DATE : 6/2/2026 8:40 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



2

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 67	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 09

PLOT DATE : 6/2/2026 8:41 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING STOP LINE EPOXY
18-INCH, WHITE

365+00 366+00 367+00 368+00 369+00 370+00 371+00 372+00 373+00 374+00 375+00 376+00 377+00 378+00 379+00

LIMMEX HILL RD

MATCH LINE

E 379+25

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

380+00 381+00 382+00 383+00 384+00 385+00 386+00 387+00 388+00 389+00 390+00 391+00 392+00 393+00 394

917

E 394+00

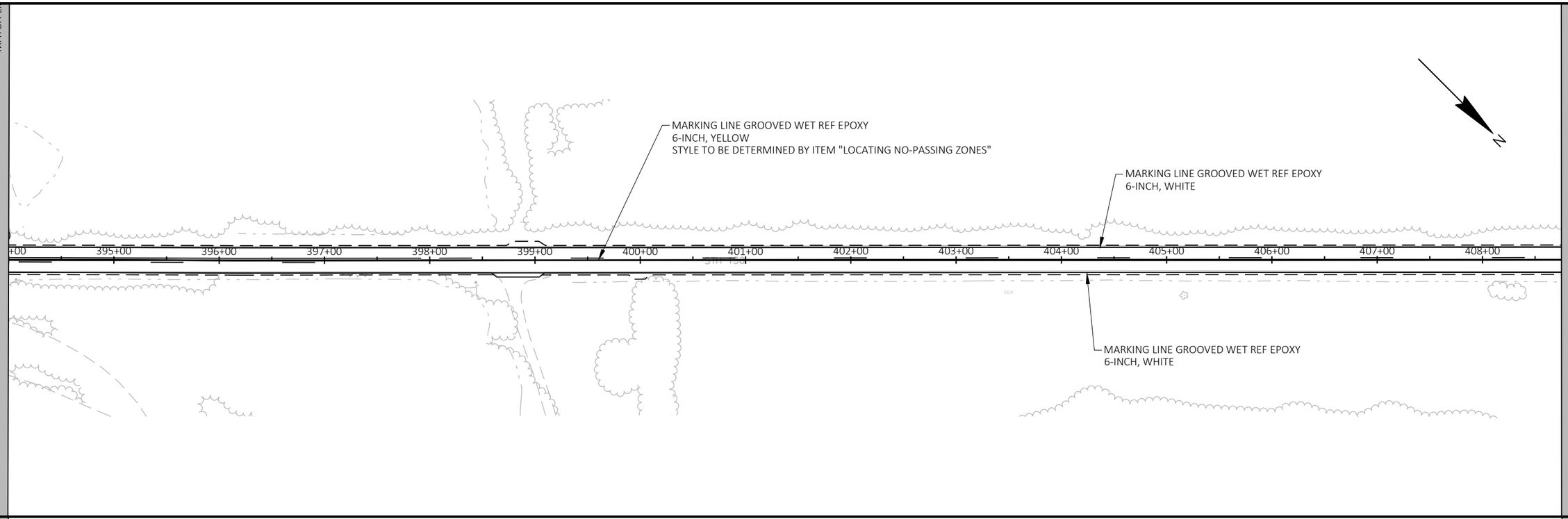
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 68	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 10

PLOT DATE : 6/2/2026 8:41 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

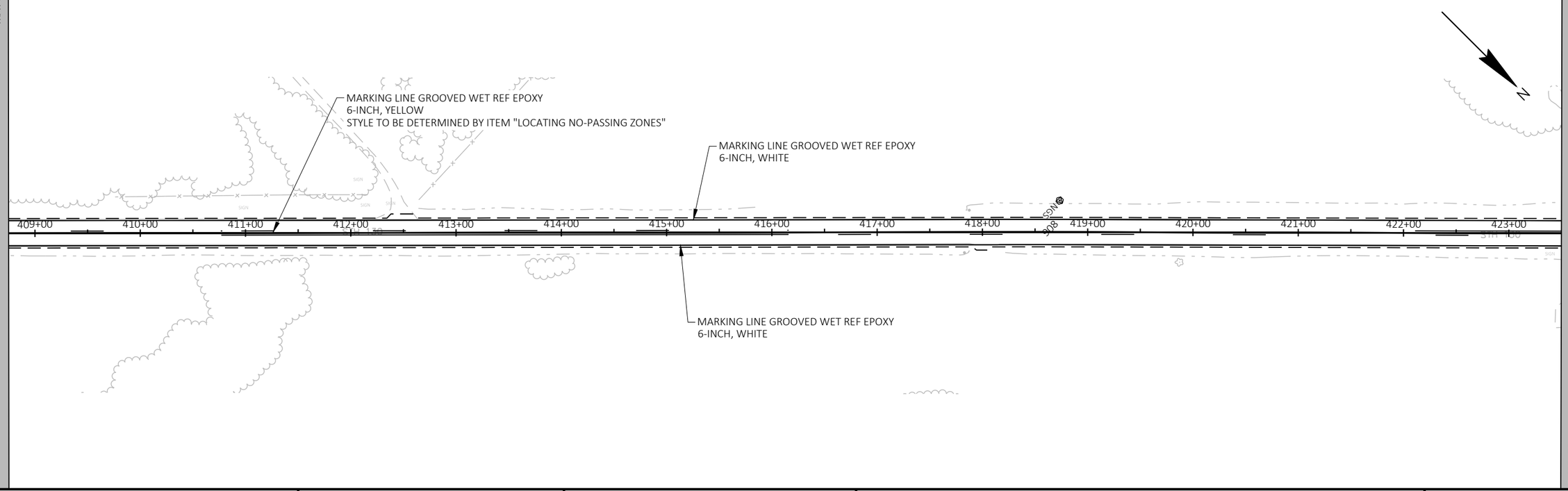
2

MATCH LI



MATCH LI

NE 408+75



NE 423+50

2

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 69	E

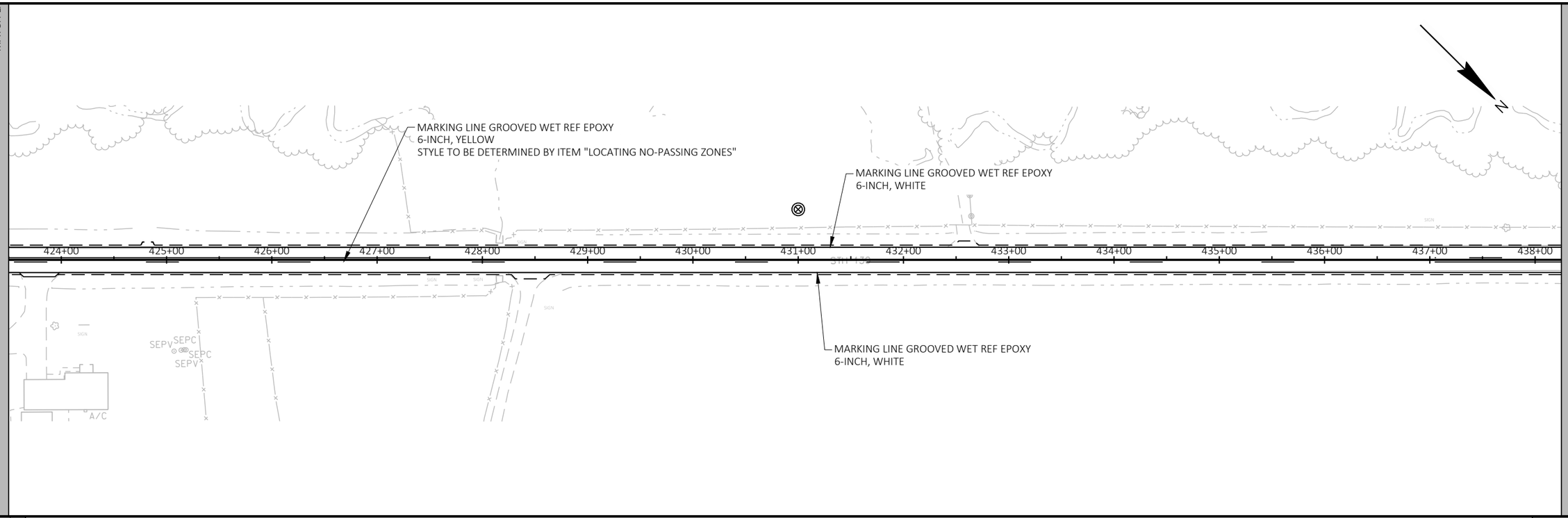
FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 11

PLOT DATE : 6/2/2026 8:41 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

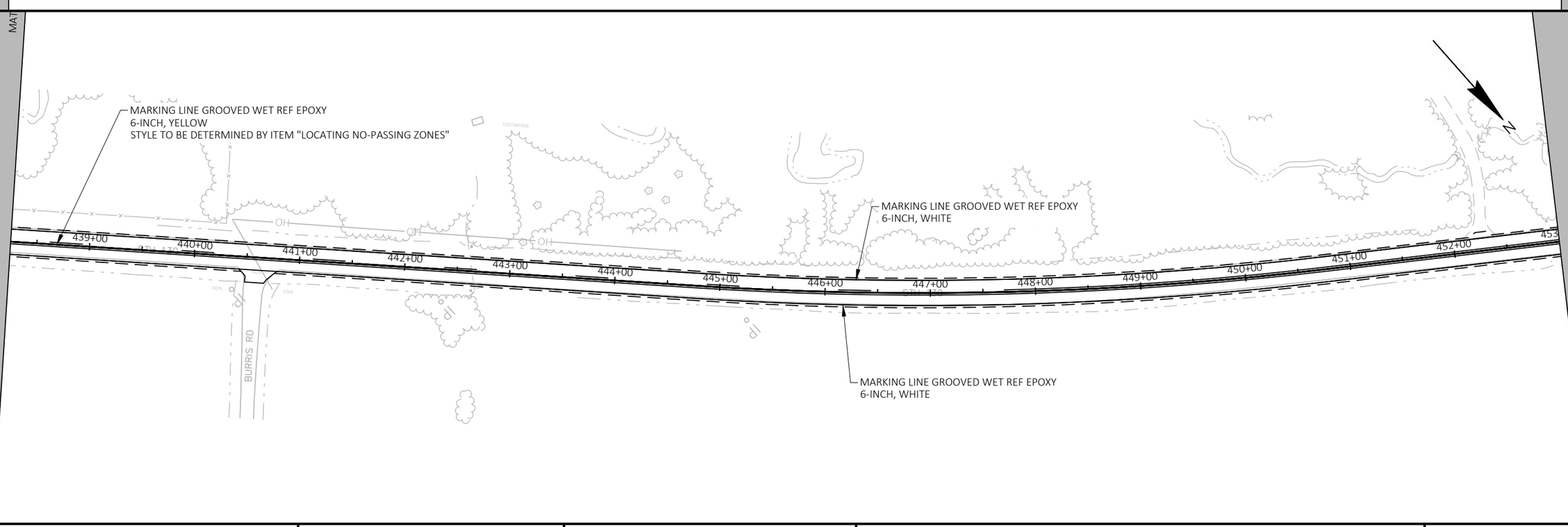
MATCH LI



2

3+25

MAT



NE 453+00

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 70	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 12

PLOT DATE : 6/2/2026 8:42 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MATCH LI

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MATCH INTO EXISTING

CTH I

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW

MARKING LINE GROOVED WET REF EPOXY
10-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING STOP LINE EPOXY
18-INCH, WHITE

MARKING CURB EPOXY
YELLOW

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE
3' LINE, 9' GAP

MARKING STOP LINE EPOXY
18-INCH, WHITE

CLYDE RD

454+00 455+00 456+00 457+00 458+00 459+00 460+00 461+00 462+00 463+00 464+00 465+00 466+00 467+00

467+75

918

SEPC
SEPC
SEPC

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

468+00 469+00 470+00 471+00 472+00 473+00 474+00 475+00 476+00 477+00 478+00 479+00 480+00 481+00 482+00

CLYDE RD

482+50

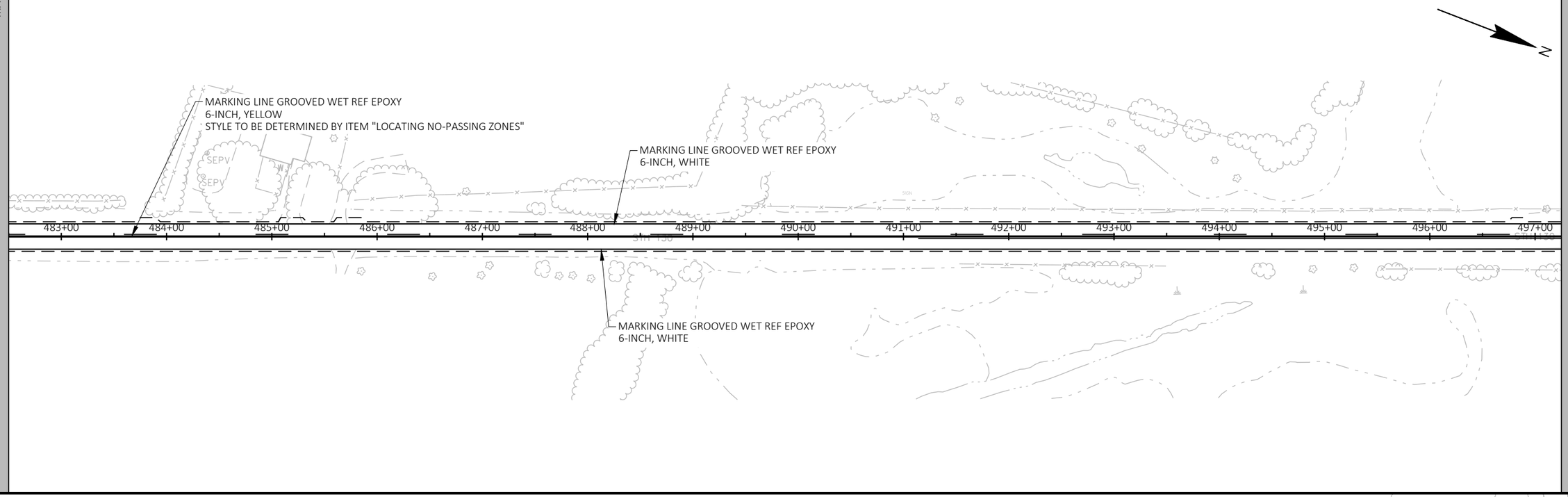
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 71	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 13

PLOT DATE : 6/2/2026 8:42 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

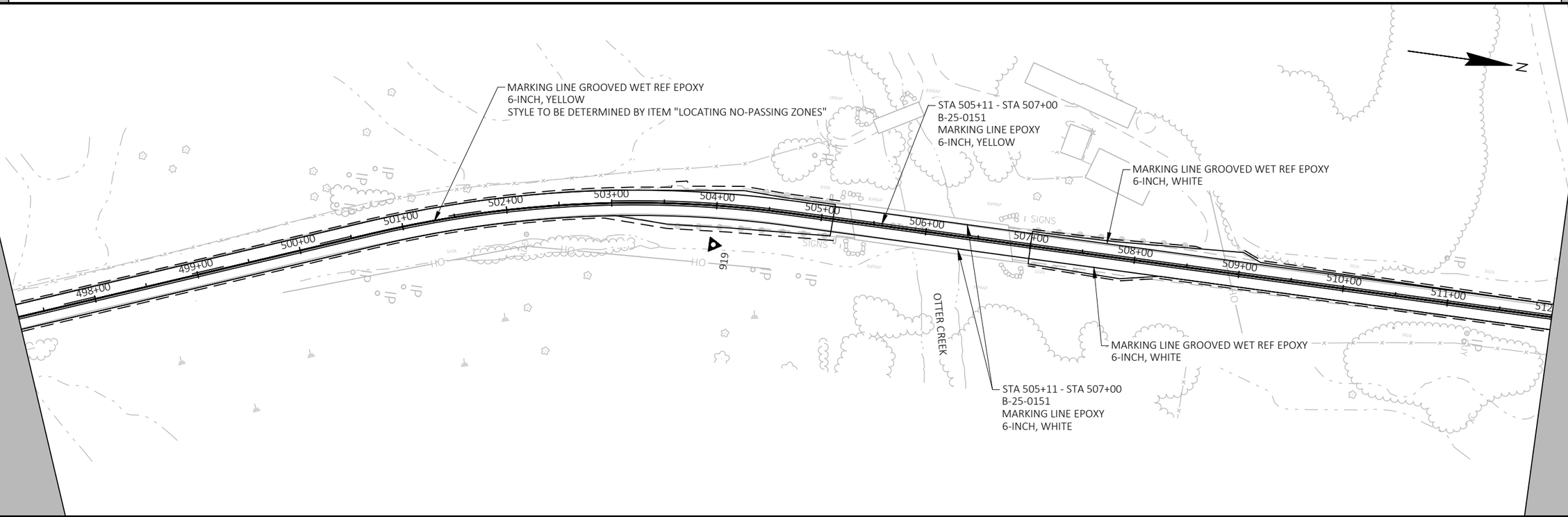
2

MATCH



2

MATCH LINE 497+25



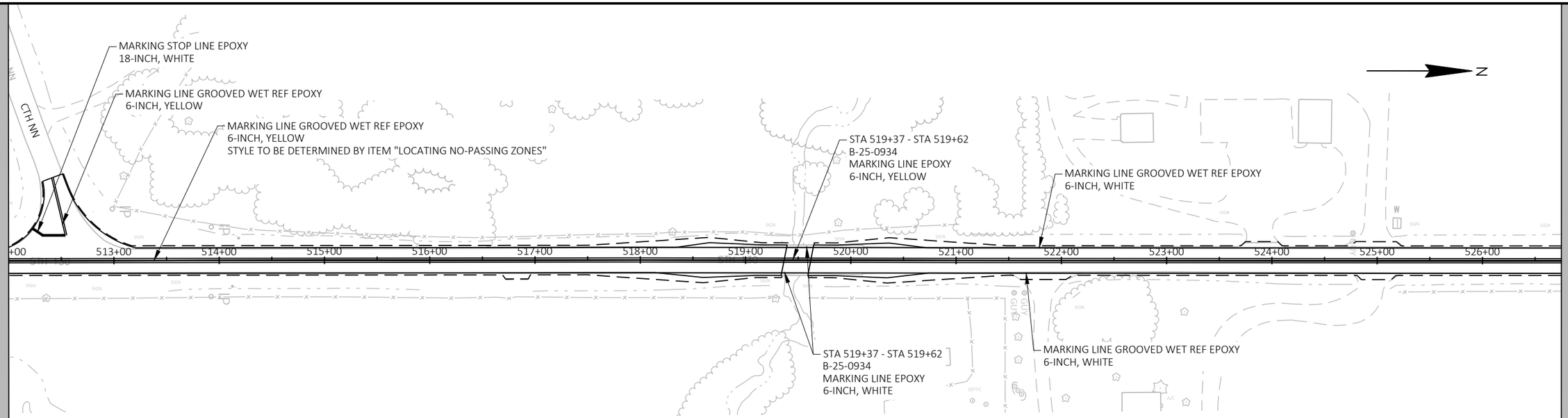
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 72	E

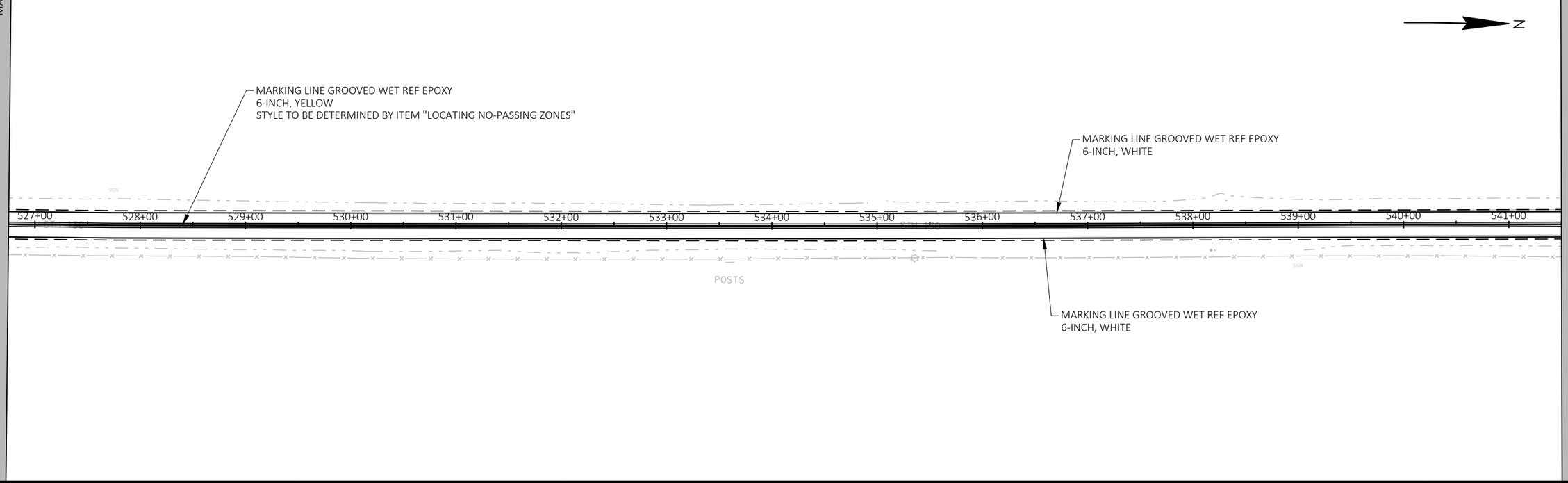
FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 14

PLOT DATE : 6/2/2026 8:42 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2





PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 73	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 15

PLOT DATE : 10/20/2026 9:52 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MARKING STOP LINE EPOXY
18-INCH, WHITE

MARKING STOP LINE EPOXY
18-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE
3' LINE, 9' GAP

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE
3' LINE, 9' GAP

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW

MARKING STOP LINE EPOXY
18-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE
3' LINE, 9' GAP

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE
3' LINE, 9' GAP

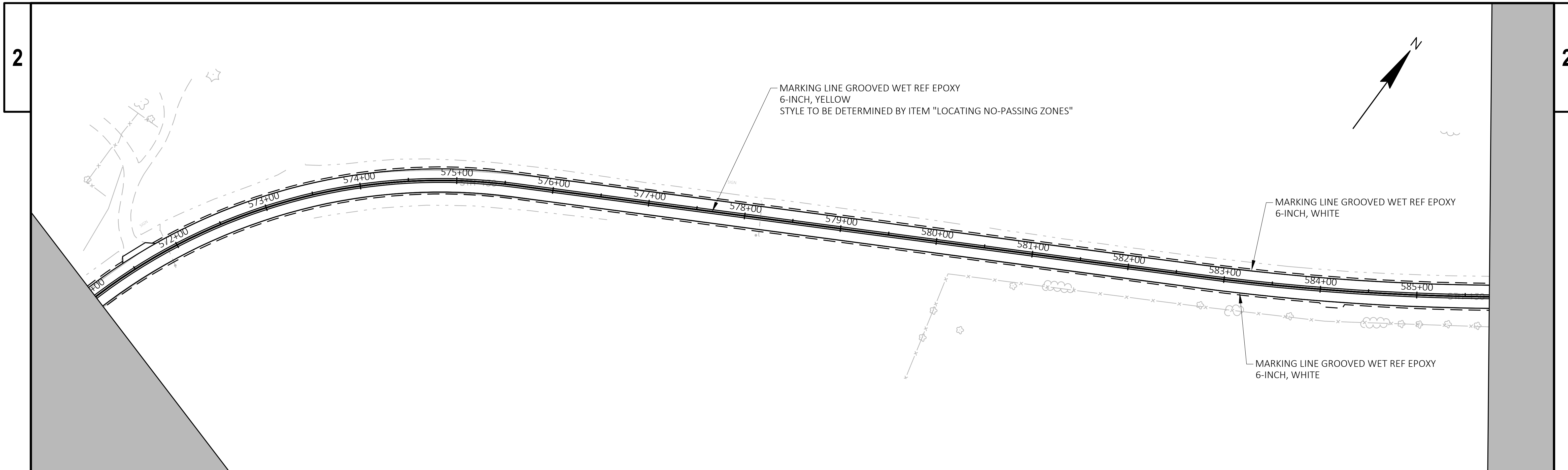
MARKING STOP LINE EPOXY
18-INCH, WHITE

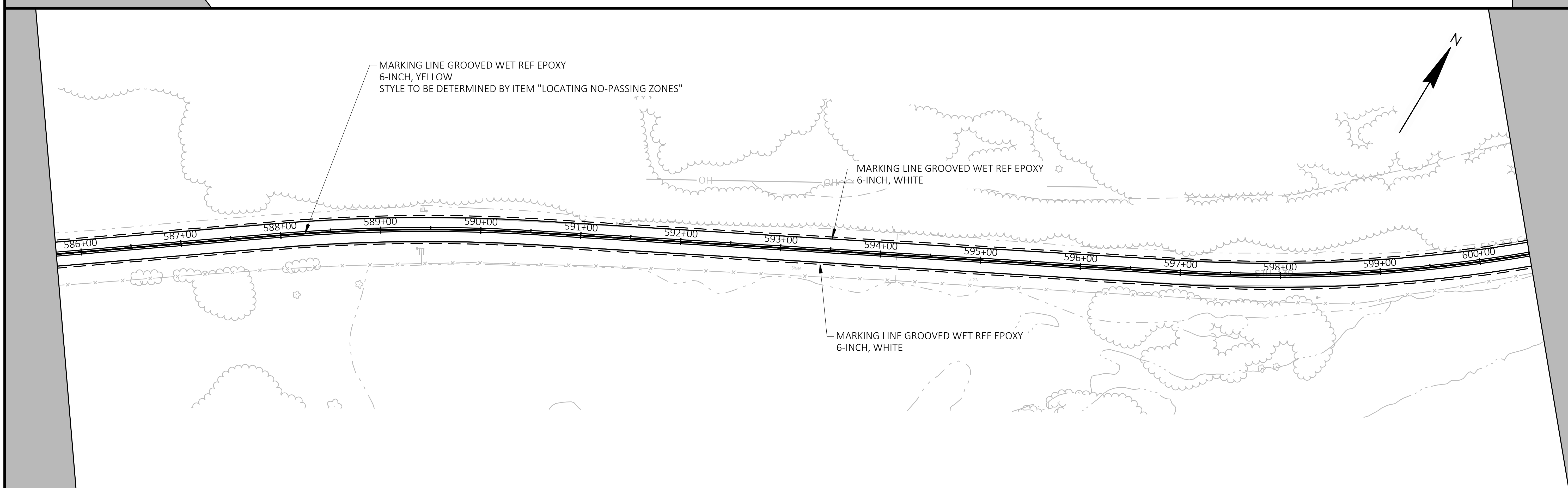
MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 74	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 16
PLOT DATE : 10/20/2026 9:53 AM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 75	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 17
PLOT DATE : 6/2/2026 8:43 AM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

MATCH L

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

601+00 602+00 603+00 604+00 605+00 606+00 607+00 608+00 609+00 610+00 611+00 612+00 613+00 614+00 615+00

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

N

E 615+25

MATCH LI

MARKING LINE GROOVED WET REF EPOXY
6-INCH, YELLOW
STYLE TO BE DETERMINED BY ITEM "LOCATING NO-PASSING ZONES"

921

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

616+00 617+00 618+00 619+00 620+00 621+00 622+00 623+00 624+00 625+00 626+00 627+00 628+00 629+00 630

MARKING LINE GROOVED WET REF EPOXY
6-INCH, WHITE

N

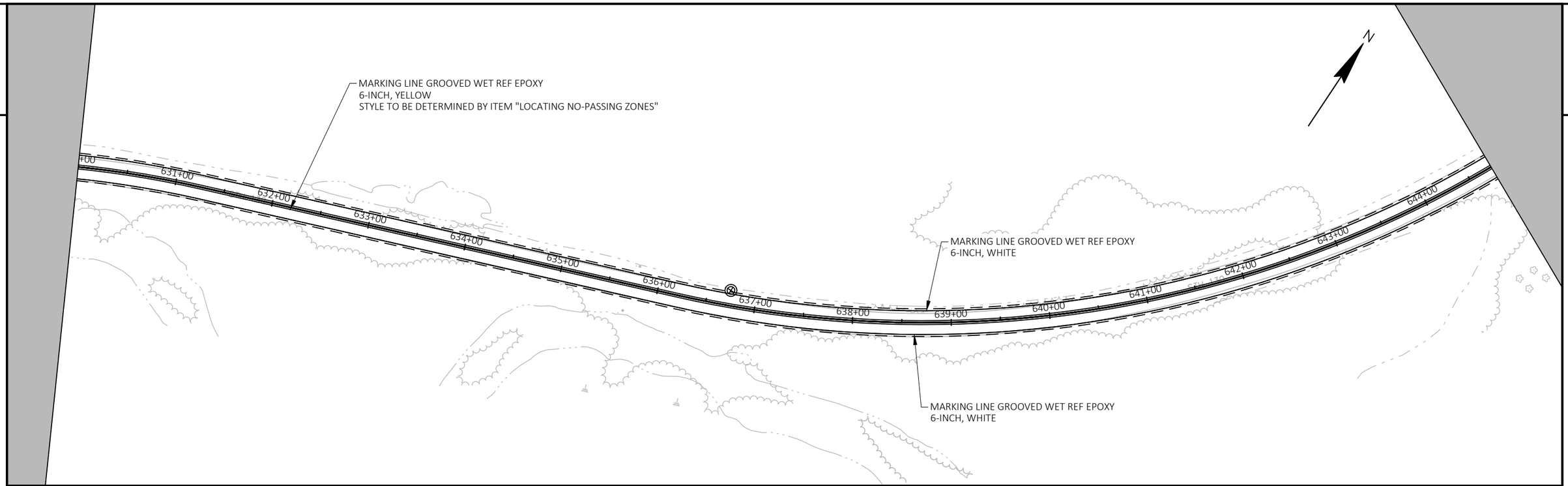
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 76	E

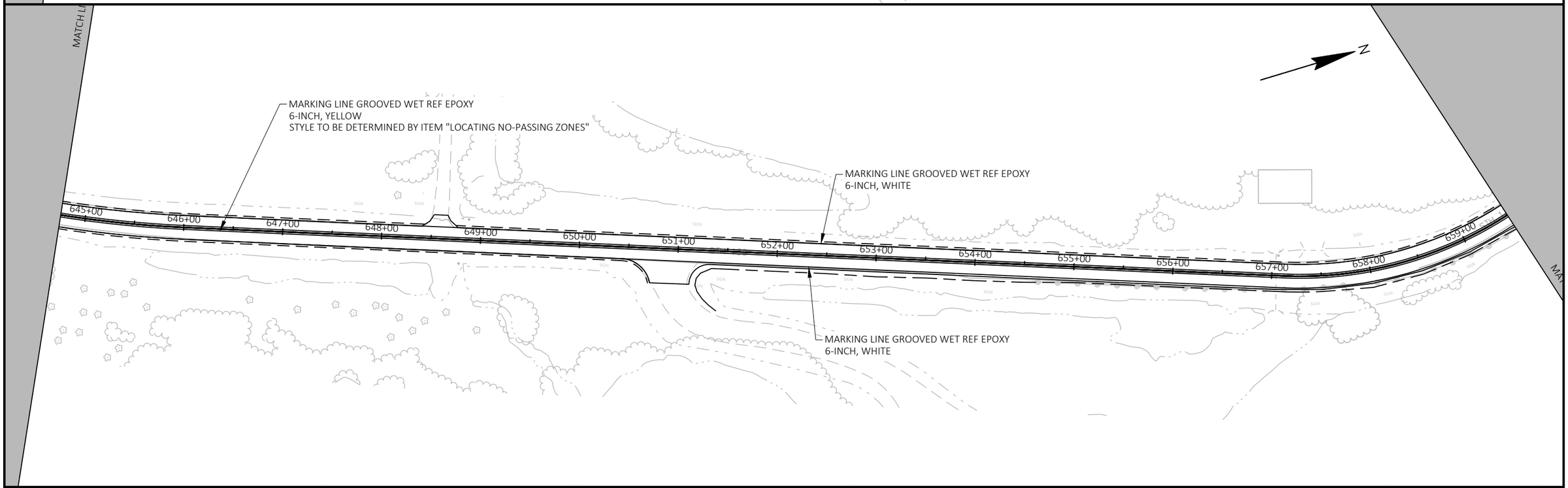
FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 18

PLOT DATE : 6/2/2026 8:44 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2





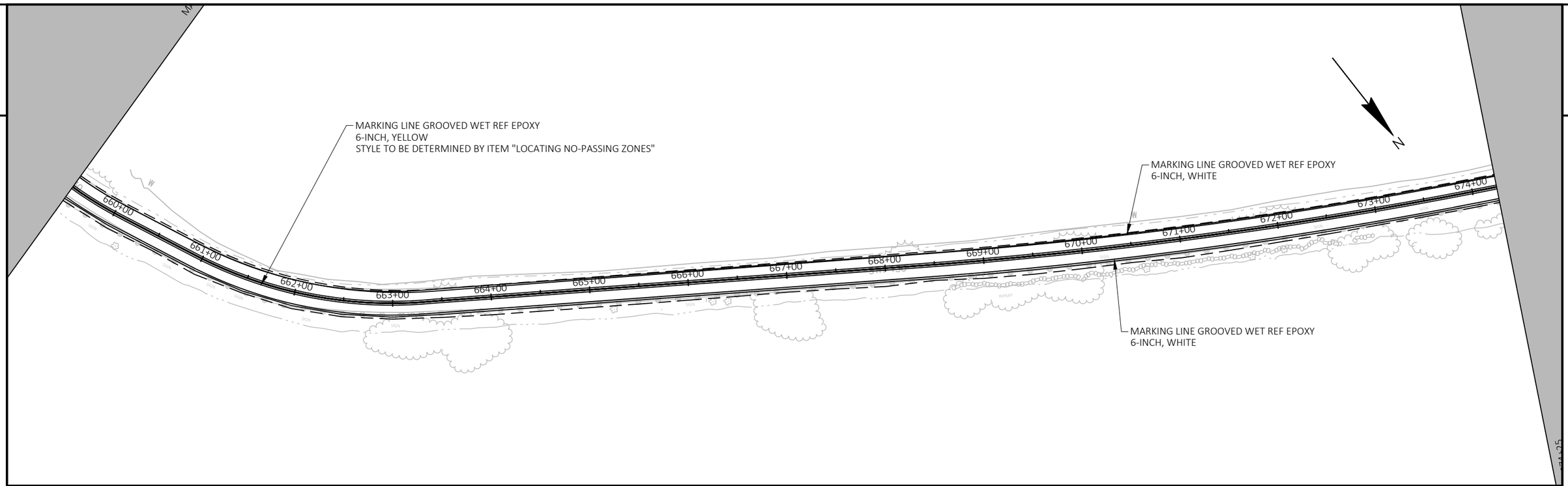
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 77	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 19

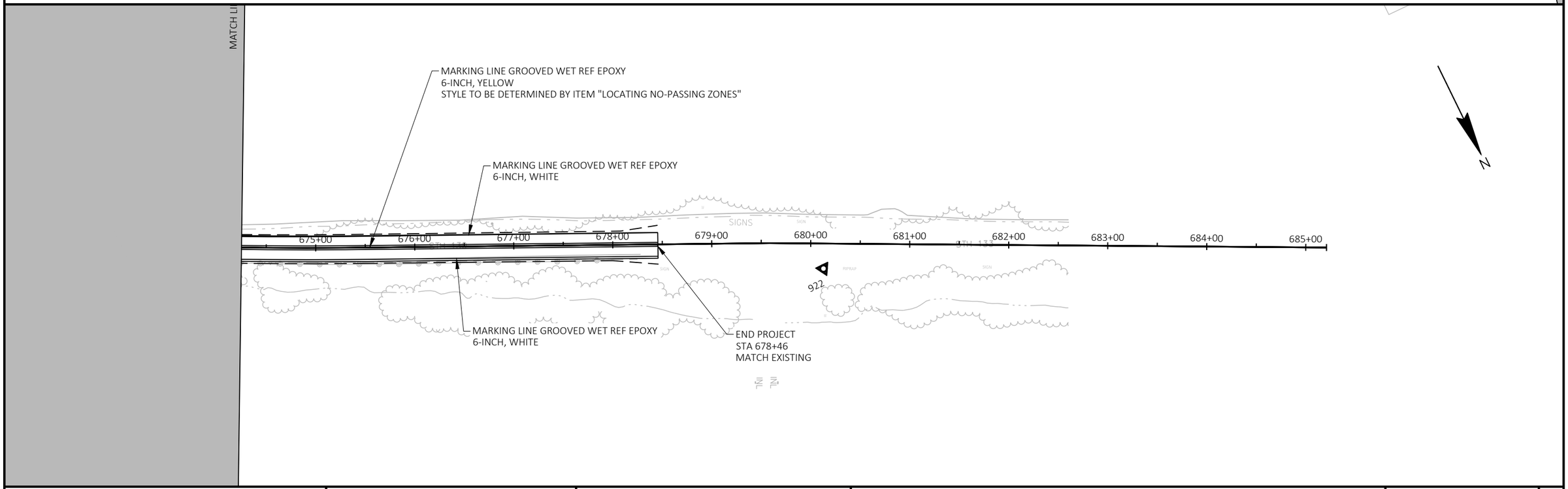
PLOT DATE : 6/2/2026 8:44 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2



2

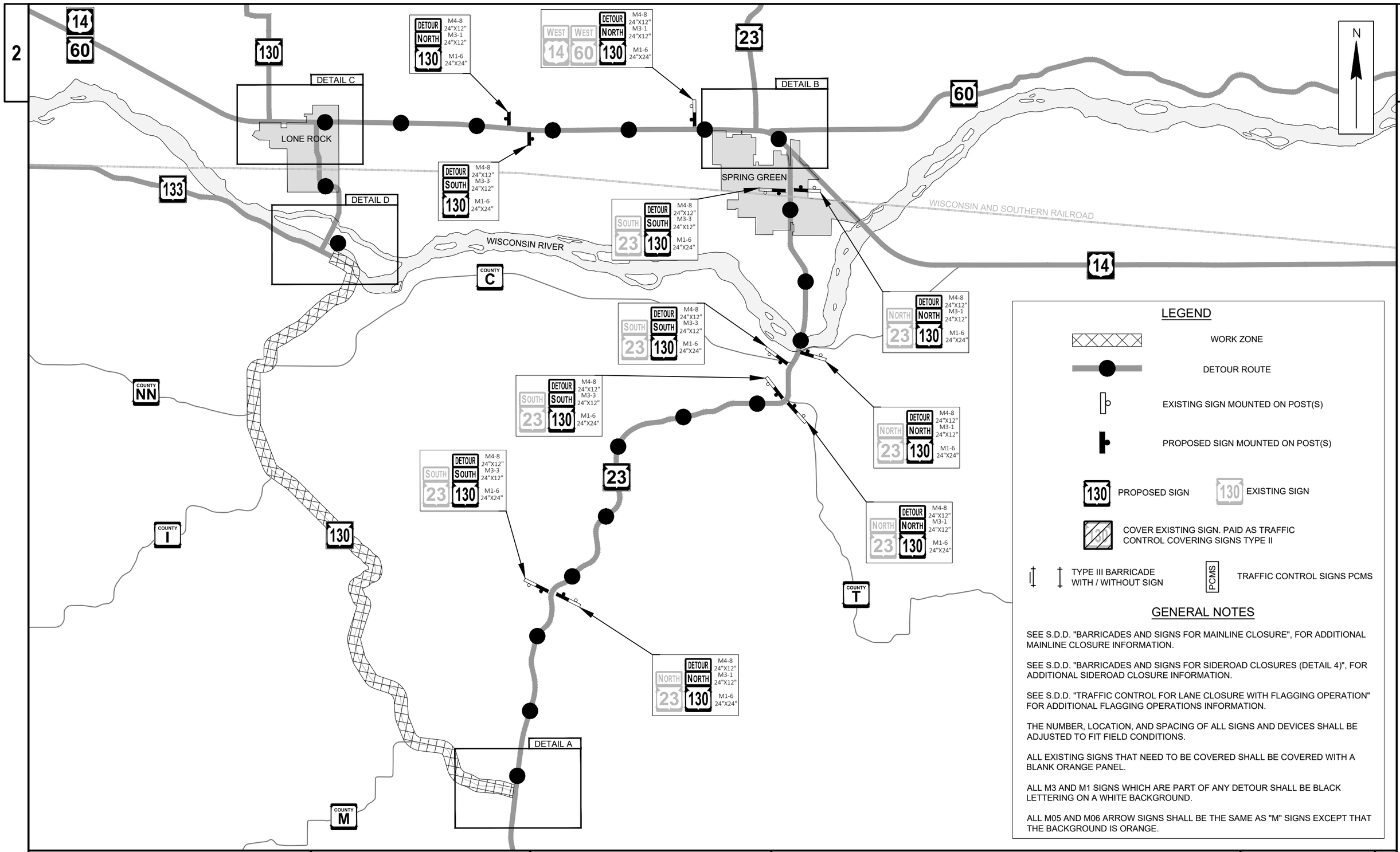


PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 78	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 20

PLOT DATE : 6/2/2026 8:44 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



GENERAL NOTES

SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURE", FOR ADDITIONAL MAINLINE CLOSURE INFORMATION.

SEE S.D.D. "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES (DETAIL 4)", FOR ADDITIONAL SIDEROAD CLOSURE INFORMATION.

SEE S.D.D. "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR ADDITIONAL FLAGGING OPERATIONS INFORMATION.

THE NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.

ALL M3 AND M1 SIGNS WHICH ARE PART OF ANY DETOUR SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

ALL M05 AND M06 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN	SHEET 79	E

2

2

N

STH 130

STH 23

PCMS

PLACE OVER EXISTING
M4-8A 24"X18" END DETOUR
M3-3 24"X12" SOUTH
JCT 130

M3-1 24"X12" NORTH 130
M1-6 24"X24"
ROAD CLOSED AHEAD
W20-3A 48" X 48"

SOUTH 23 NORTH 130

Dodgeville
Lone Rock

DETOUR NEXT 21 MILES G20-51 60"X24"

NORTH 130

M4-8 24"X12" DETOUR
M3-1 24"X12" NORTH 130
M1-6 24"X24"
NORTH 23

M4-8 24"X12" DETOUR
PLACE OVER EXISTING
MO6-1 21"X21"
NORTH 130 NORTH 23

PLACE PCMS 7 DAYS BEFORE CLOSURE BEGINS

FRAME 1: ROAD TO CLOSE

FRAME 2: (DAY) (DATE)

DETOUR M4-9R 30"X24"
PLACE ON TYPE III BARRICADE

ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"
PLACE ON TYPE III BARRICADE

M4-8 24"X12" DETOUR
PLACE OVER EXISTING
MO6-1 21"X21"
NORTH 130 NORTH 23

Spring Green
Lone Rock
PLACE OVER EXISTING
A4-12

M3-1 24"X12" NORTH 130
M1-6 24"X24"
ROAD CLOSED AHEAD
W20-3A 48" X 48"

M3-1 24"X12" NORTH 130
M1-6 24"X24"
DETOUR AHEAD
W20-2A 48" X 48"

LEGEND

- WORK ZONE
- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 130 PROPOSED SIGN
- 130 EXISTING SIGN
- 130 COVER EXISTING SIGN. PAID AS TRAFFIC CONTROL COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH / WITHOUT SIGN
- PCMS TRAFFIC CONTROL SIGNS PCMS

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL A	SHEET 80	E

2

LEGEND

- WORK ZONE
- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 130 PROPOSED SIGN
- 130 EXISTING SIGN
- COVER EXISTING SIGN. PAID AS TRAFFIC CONTROL COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH / WITHOUT SIGN
- PCMS TRAFFIC CONTROL SIGNS PCMS

N

USH 14 / STH 60

STH 60

STH 23

SPRING GREEN

WISCONSIN RIVER

WISCONSIN AND SOUTHERN RAILROAD

USH 14

STH 23

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL B	SHEET 81	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 03

PLOT DATE : 6/9/2026 9:11 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:2000 FT

2

2

N

LEGEND

- WORK ZONE
- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 130 PROPOSED SIGN — 130 EXISTING SIGN
- COVER EXISTING SIGN. PAID AS TRAFFIC CONTROL COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH / WITHOUT SIGN
- PCMS — TRAFFIC CONTROL SIGNS PCMS

ROAD CLOSED TO THRU TRAFFIC — R11-4 60"X30"
PLACE ON TYPE III BARRICADE

DETOUR — M4-9L 30"X24"
PLACE ON TYPE III BARRICADE

SOUTH 130 | SOUTH 133 | NORTH 130

SOUTH 130 | SOUTH 133

PLACE OVER EXISTING
M4-8A 24"X18" END DETOUR NORTH
M3-1 24"X12"
JCT 130 | JCT 133

USH 14 / STH 60

EAST 14 60
DETOUR SOUTH 130
M4-8 24"X12" M3-3 24"X12" M1-6 24"X24"

WEST 14 60 | WEST 14 60 | NORTH 130 | EAST 14 60 | EAST 14 60
DETOUR SOUTH 130
M4-8 24"X12" M3-3 24"X12" M1-6 24"X24" MO6-1 21"X21"

WEST 14 60 | WEST 14 60 | NORTH 130 | EAST 14 60 | EAST 14 60
DETOUR SOUTH 130
M4-8 24"X12" M3-3 24"X12" M1-6 24"X24" MO5-1R 21"X21"

NORTH 130 | NORTH 133
DETOUR SOUTH 130
M4-8 24"X12" M3-3 24"X12" M1-6 24"X24"

LONE ROCK

WISCONSIN RIVER

WISCONSIN AND SOUTHERN RAILROAD

STH 133

STH 130

STH 133 STH 130

M3-3 24"X12" SOUTH 130
M1-6 24"X24"
DETOUR AHEAD
W20-2A 48" x 48"

M4-8 24"X12" DETOUR SOUTH 130 | SOUTH 133
PLACE OVER EXISTING
MO6-1 21"X21"

M4-8 24"X12" DETOUR SOUTH 130 | SOUTH 133
PLACE OVER EXISTING
MO6-1 21"X21"

SOUTH 130 | SOUTH 133

SOUTH 130 | SOUTH 133

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL C	SHEET 82	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 04

PLOT DATE : 6/9/2026 9:11 AM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:2000 FT

2

2

LONE ROCK

WISCONSIN AND SOUTHERN RAILROAD

N

STH 133

STH 130 / STH 133

WISCONSIN RIVER

PCMS

STH 130

M3-3 24"X12"
M1-6 24"X24"
SOUTH 130
ROAD CLOSED AHEAD
W20-3A 48" x 48"

M3-3 24"X12"
M1-6 24"X24"
SOUTH 130
DETOUR AHEAD
W20-2A 48" x 48"

NORTH 130 / SOUTH 133

DETOUR M4-8 24"X12"
NORTH 130 NORTH 133 SOUTH 130
PLACE OVER EXISTING
MO5-1L 21"X21"

SOUTH 130 / SOUTH 133

Dodgeville
Avoca

DETOUR NEXT 21 MILES G20-51 60"X24"

DETOUR M4-8 24"X12" M3-3 24"X12"
NORTH 130 NORTH 133 DETOUR SOUTH 130 M1-6 24"X24"

ROAD CLOSED TO THRU TRAFFIC R11-4 60"X30"
PLACE ON TYPE III BARRICADE

DETOUR M4-9L 30"X24"
PLACE ON TYPE III BARRICADE

A4-12 PLACE OVER EXISTING
Dodgeville
Lone Rock

M3-3 24"X12"
M1-6 24"X24"
SOUTH 130
ROAD CLOSED 500 FT
W20-3D 48" x 48"

DETOUR M4-8 24"X12"
NORTH 130 NORTH 133 SOUTH 130
PLACE OVER EXISTING
MO6-1 21"X21"

PLACE PCMS 7 DAYS BEFORE CLOSURE BEGINS

FRAME 1: ROAD TO CLOSE

FRAME 2: (DAY) (DATE)

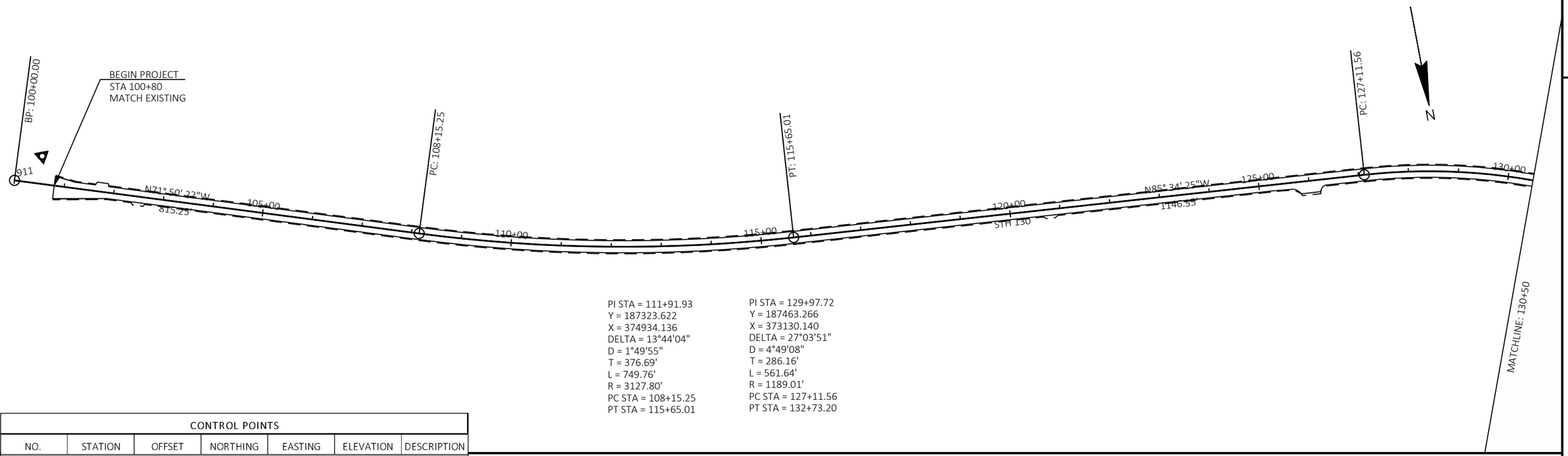
LEGEND

- WORK ZONE
- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 130 PROPOSED SIGN
- 130 EXISTING SIGN
- COVER EXISTING SIGN. PAID AS TRAFFIC CONTROL COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH / WITHOUT SIGN
- PCMS TRAFFIC CONTROL SIGNS PCMS

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL D	SHEET 83	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 05

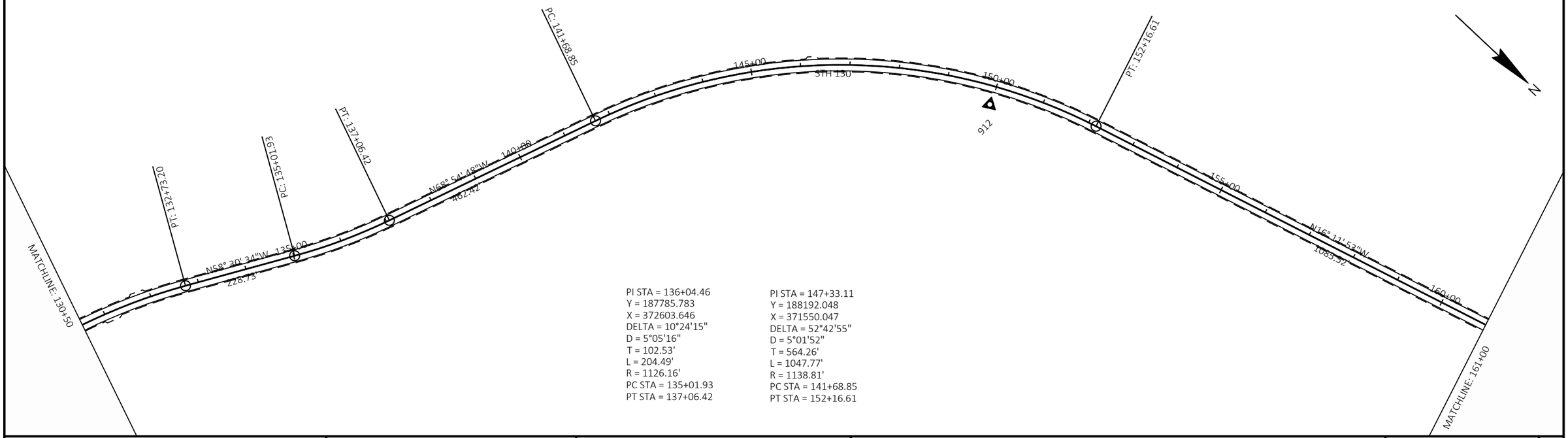
PLOT DATE : 6/9/2026 9:11 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:2000 FT



PI STA = 111+91.93
Y = 187323.622
X = 374934.136
DELTA = 13°44'04"
D = 1°49'55"
T = 376.69'
L = 749.76'
R = 3127.80'
PC STA = 108+15.25
PT STA = 115+65.01

PI STA = 129+97.72
Y = 187463.266
X = 373130.140
DELTA = 27°03'51"
D = 4°49'08"
T = 286.16'
L = 561.64'
R = 1189.01'
PC STA = 127+11.56
PT STA = 132+73.20

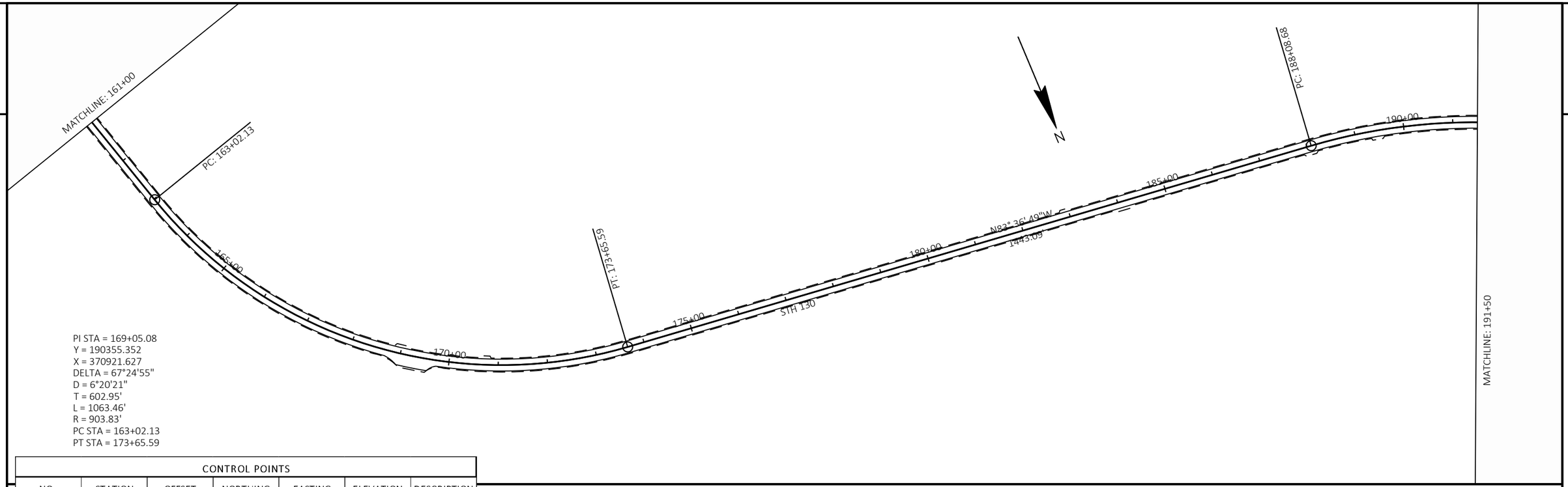
CONTROL POINTS						
NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
911	100+48.50	55.13 LT	186914.851	376003.424	1141.571	CP FENO
912	149+96.71	37.73 RT	188547.231	371507.469	1228.987	CP FENO



PI STA = 136+04.46
Y = 187785.783
X = 372603.646
DELTA = 10°24'15"
D = 5°05'16"
T = 102.53'
L = 204.49'
R = 1126.16'
PC STA = 135+01.93
PT STA = 137+06.42

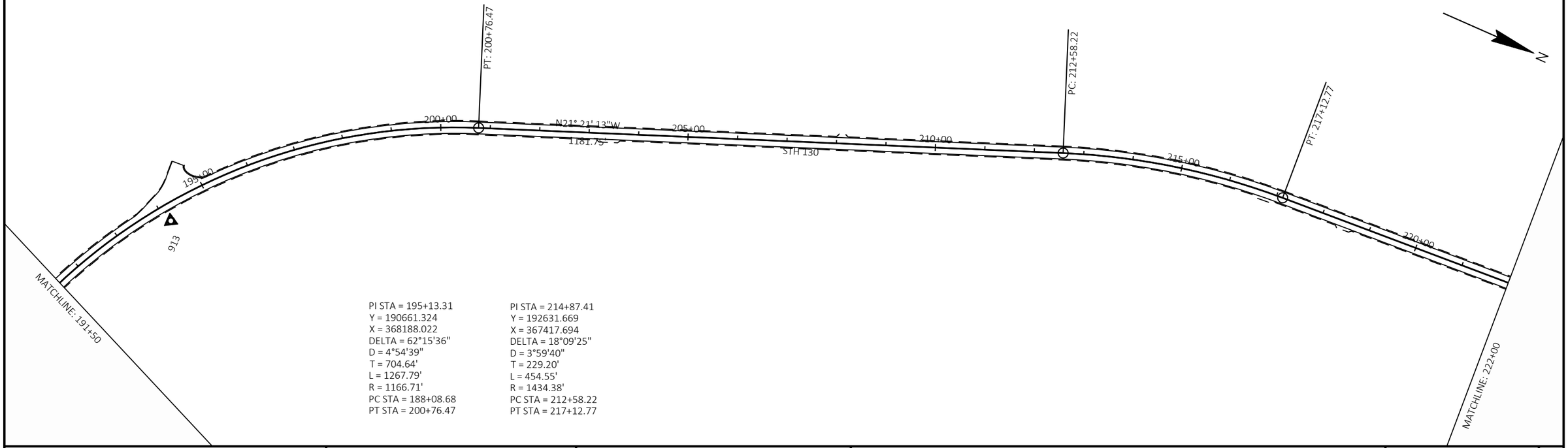
PI STA = 147+33.11
Y = 188192.048
X = 371550.047
DELTA = 52°42'55"
D = 5°01'52"
T = 564.26'
L = 1047.77'
R = 1138.81'
PC STA = 141+68.85
PT STA = 152+16.61

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 84	E



PI STA = 169+05.08
Y = 190355.352
X = 370921.627
DELTA = 67°24'55"
D = 6°20'21"
T = 602.95'
L = 1063.46'
R = 903.83'
PC STA = 163+02.13
PT STA = 173+65.59

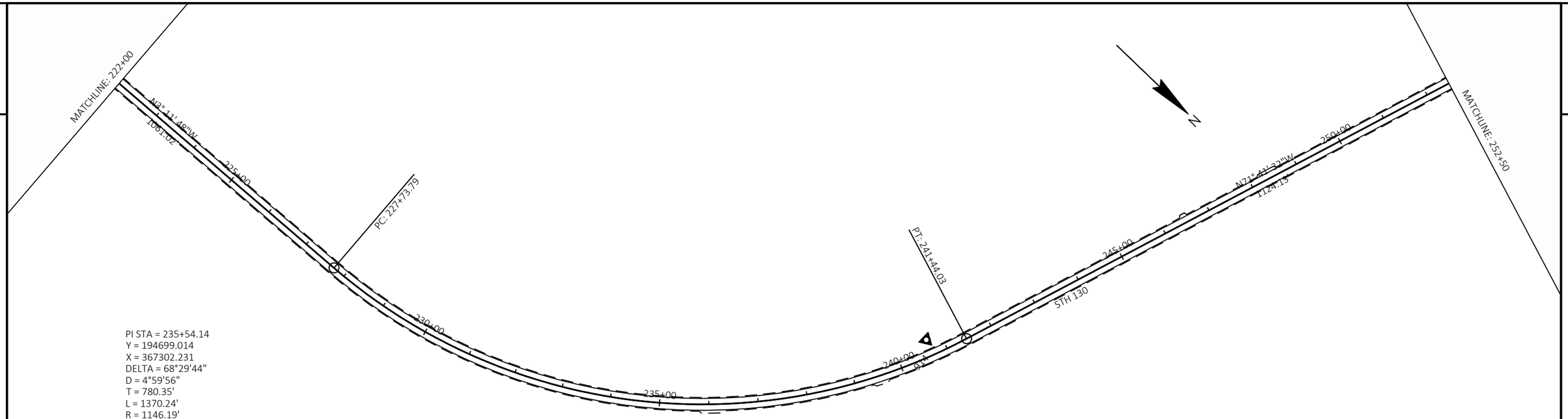
CONTROL POINTS						
NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
913	194+09.03	33.88 RT	190824.418	368354.302	1180.156	CP FENO



PI STA = 195+13.31
Y = 190661.324
X = 368188.022
DELTA = 62°15'36"
D = 4°54'39"
T = 704.64'
L = 1267.79'
R = 1166.71'
PC STA = 188+08.68
PT STA = 200+76.47

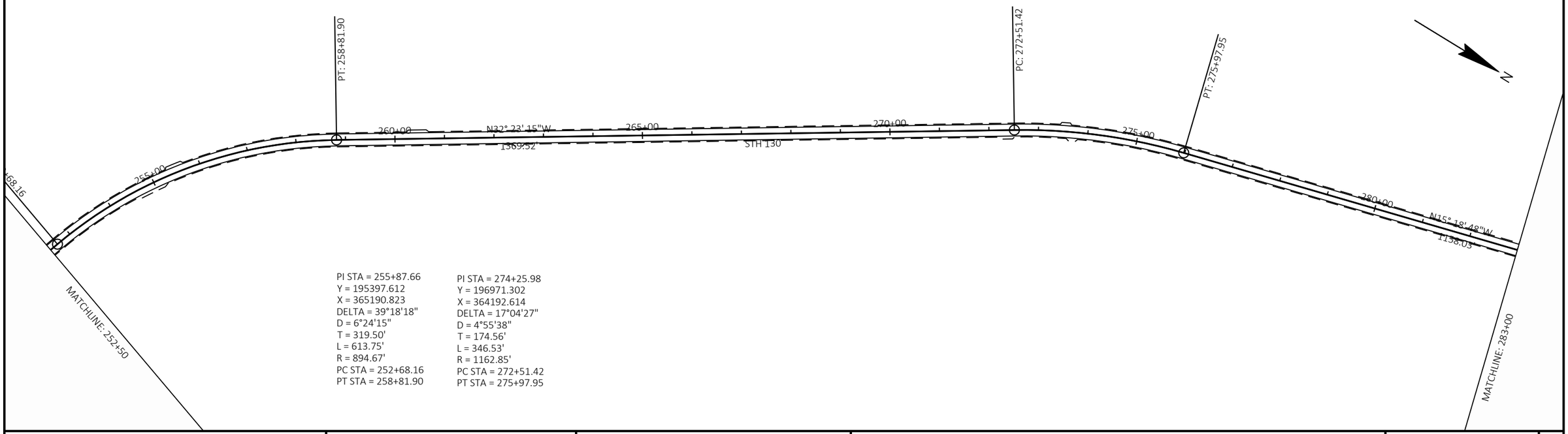
PI STA = 214+87.41
Y = 192631.669
X = 367417.694
DELTA = 18°09'25"
D = 3°59'40"
T = 229.20'
L = 454.55'
R = 1434.38'
PC STA = 212+58.22
PT STA = 217+12.77

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 85	E



PI STA = 235+54.14
Y = 194699.014
X = 367302.231
DELTA = 68°29'44"
D = 4°59'56"
T = 780.35'
L = 1370.24'
R = 1146.19'
PC STA = 227+73.79
PT STA = 241+44.03

CONTROL POINTS						
NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
914	240+68.53	33.76 LT	194886.797	366619.536	1231.425	CP FENO

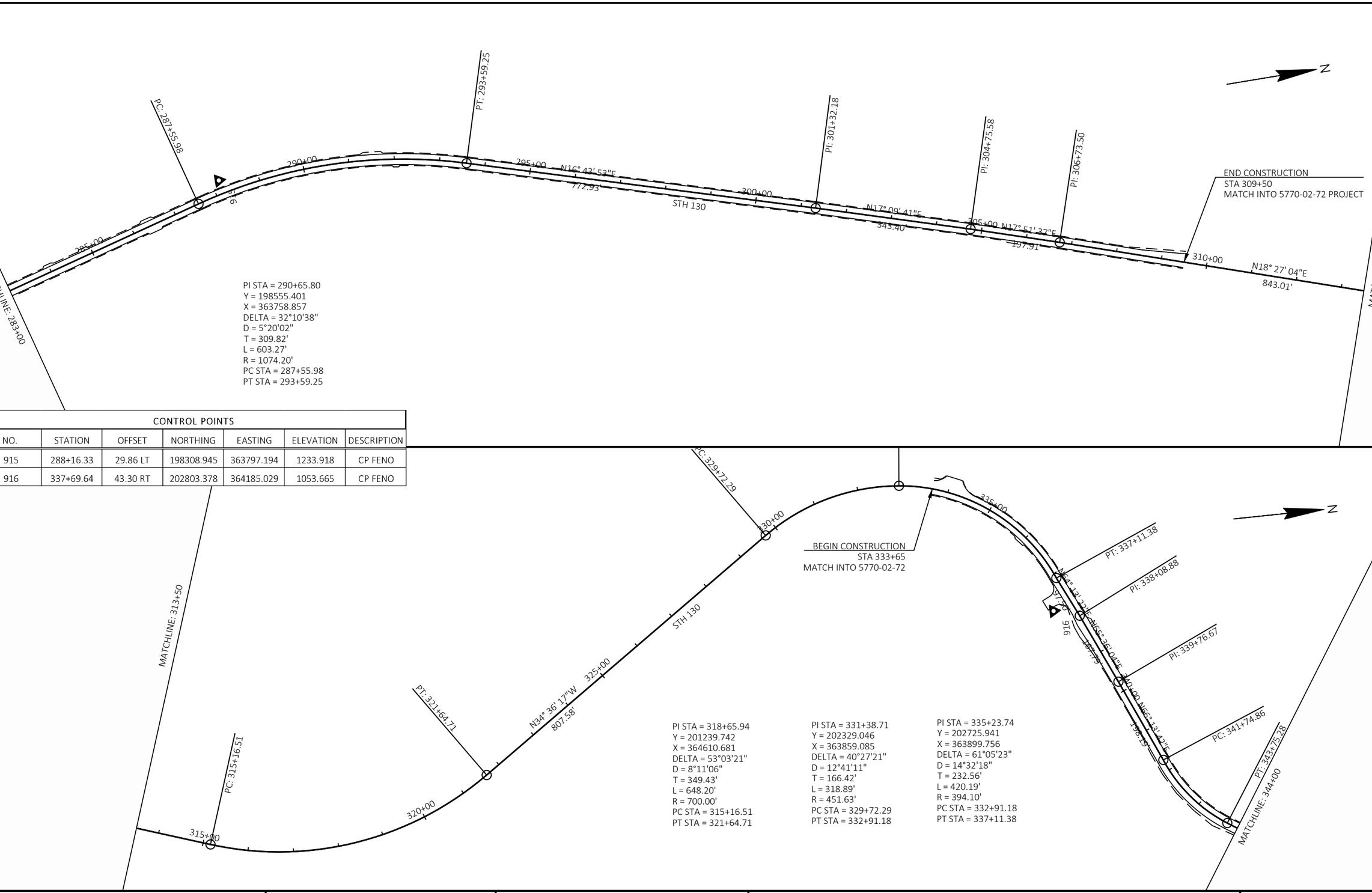


PI STA = 255+87.66
Y = 195397.612
X = 365190.823
DELTA = 39°18'18"
D = 6°24'15"
T = 319.50'
L = 613.75'
R = 894.67'
PC STA = 252+68.16
PT STA = 258+81.90

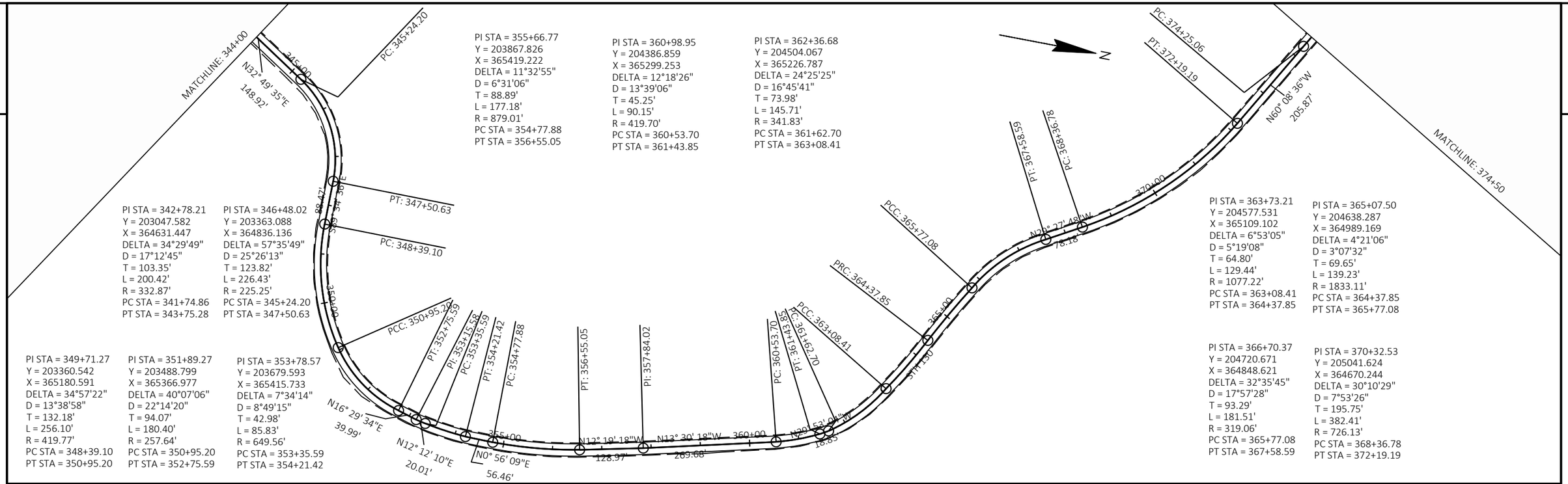
PI STA = 274+25.98
Y = 196971.302
X = 364192.614
DELTA = 17°04'27"
D = 4°55'38"
T = 174.56'
L = 346.53'
R = 1162.85'
PC STA = 272+51.42
PT STA = 275+97.95

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 86	E

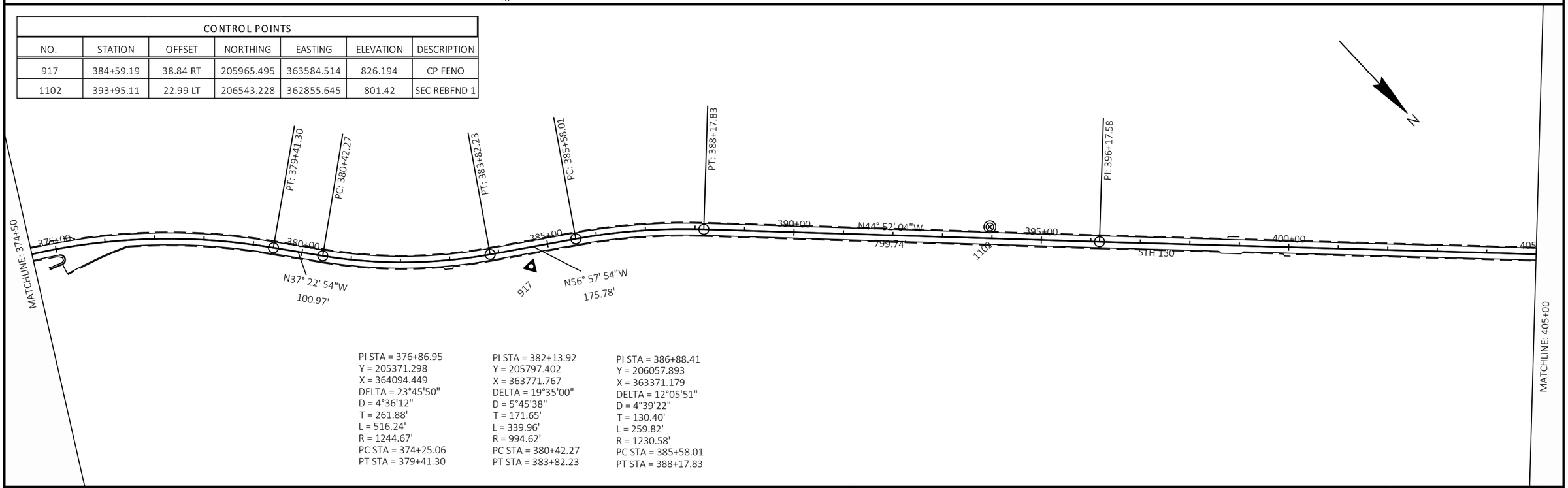
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PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 87	E



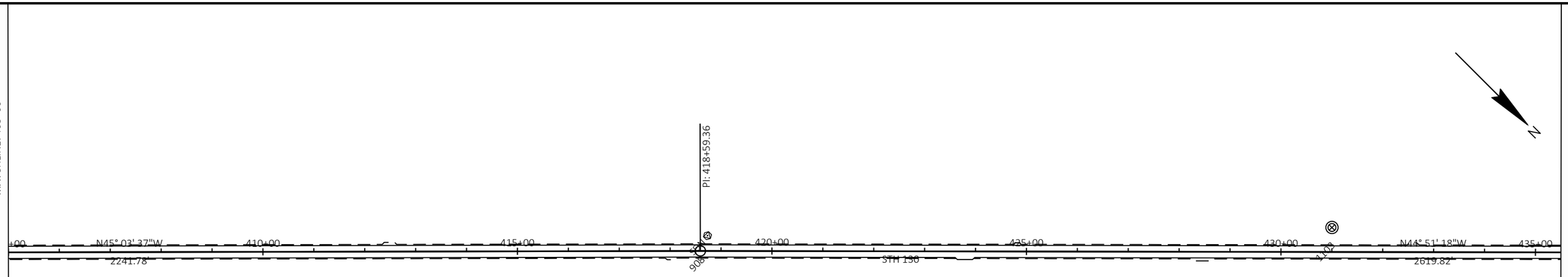
CONTROL POINTS						
NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
917	384+59.19	38.84 RT	205965.495	363584.514	826.194	CP FENO
1102	393+95.11	22.99 LT	206543.228	362855.645	801.42	SEC REBFND 1



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 88	E

2

MATCHLINE: 405+00

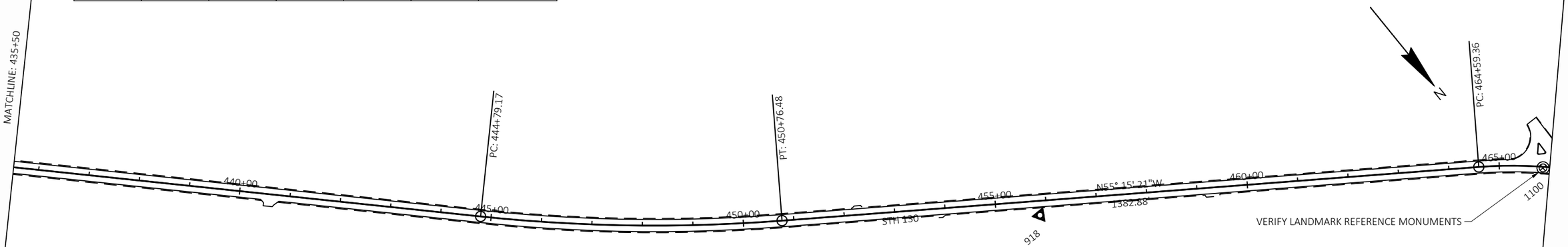


MATCHLINE: 435+50

2

CONTROL POINTS						
NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
908	418+73.74	29.96 LT	208289.408	361097.05	764.624	NGS DH5280
1103	430+99.96	47.98 LT	209146.248	360219.118	746.467	SEC REBFND 1
918	455+86.41	28.32 RT	210854.66	358420.172	735.772	CP FENO
1100	465+86.73	2.31 RT	211410.536	357589.297	733.981	SEC REB

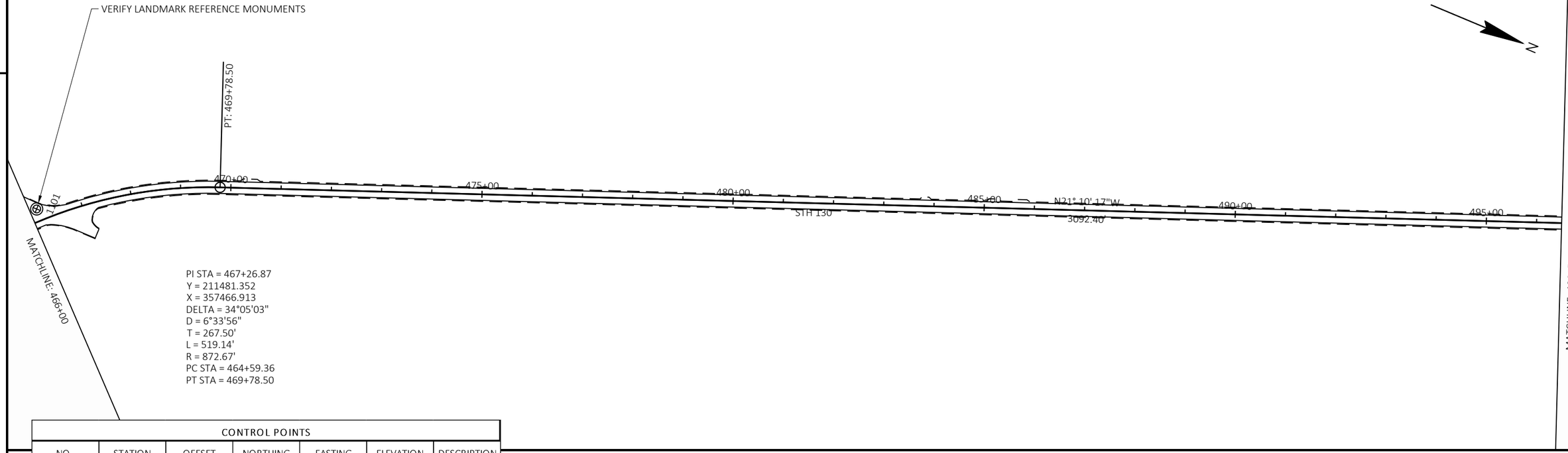
MATCHLINE: 435+50



MATCHLINE: 466+00

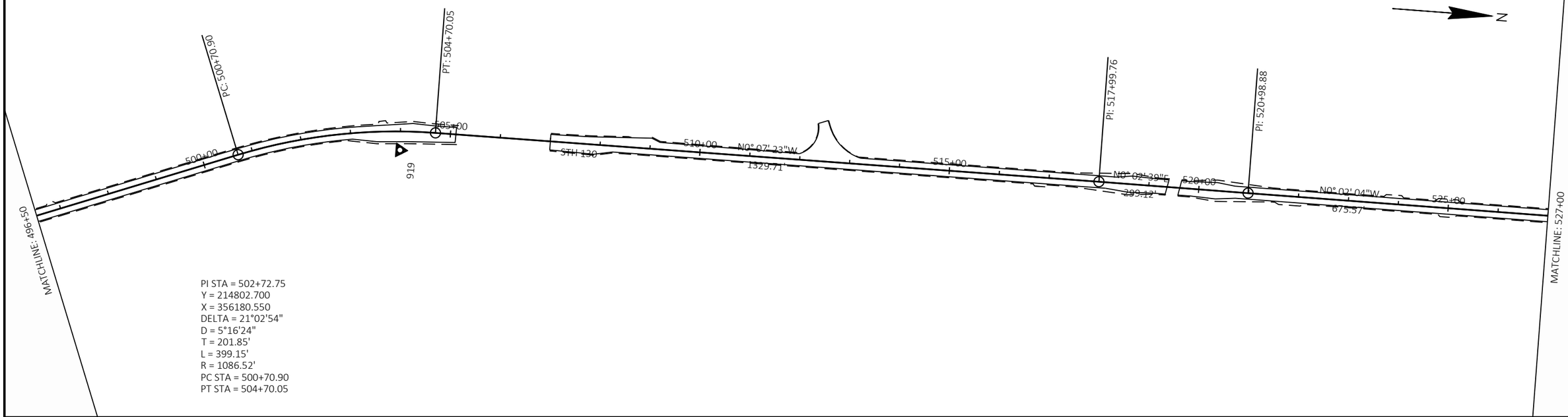
PI STA = 447+78.65
Y = 210370.097
X = 359069.125
DELTA = 10°24'03"
D = 1°44'29"
T = 299.48'
L = 597.31'
R = 3290.45'
PC STA = 444+79.17
PT STA = 450+76.48

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 89	E



PI STA = 467+26.87
Y = 211481.352
X = 357466.913
DELTA = 34°05'03"
D = 6°33'56"
T = 267.50'
L = 519.14'
R = 872.67'
PC STA = 464+59.36
PT STA = 469+78.50

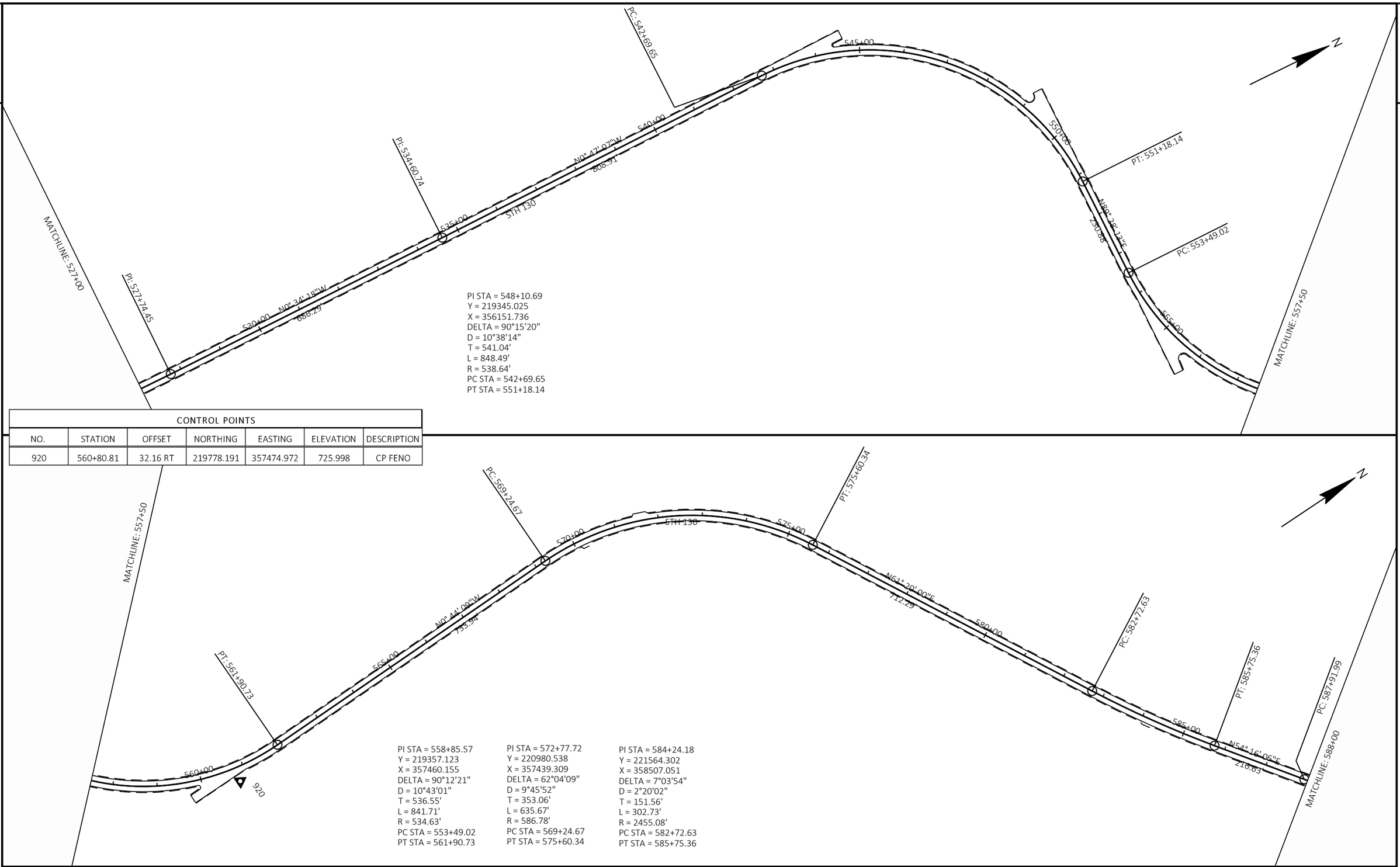
CONTROL POINTS						
NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
1101	466+13.92	24.44 LT	211410.423	357550.922	733.908	SEC REB
919	503+99.22	37.18 RT	214936.278	356219.667	709.189	CP FENO



PI STA = 502+72.75
Y = 214802.700
X = 356180.550
DELTA = 21°02'54"
D = 5°16'24"
T = 201.85'
L = 399.15'
R = 1086.52'
PC STA = 500+70.90
PT STA = 504+70.05

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 90	E

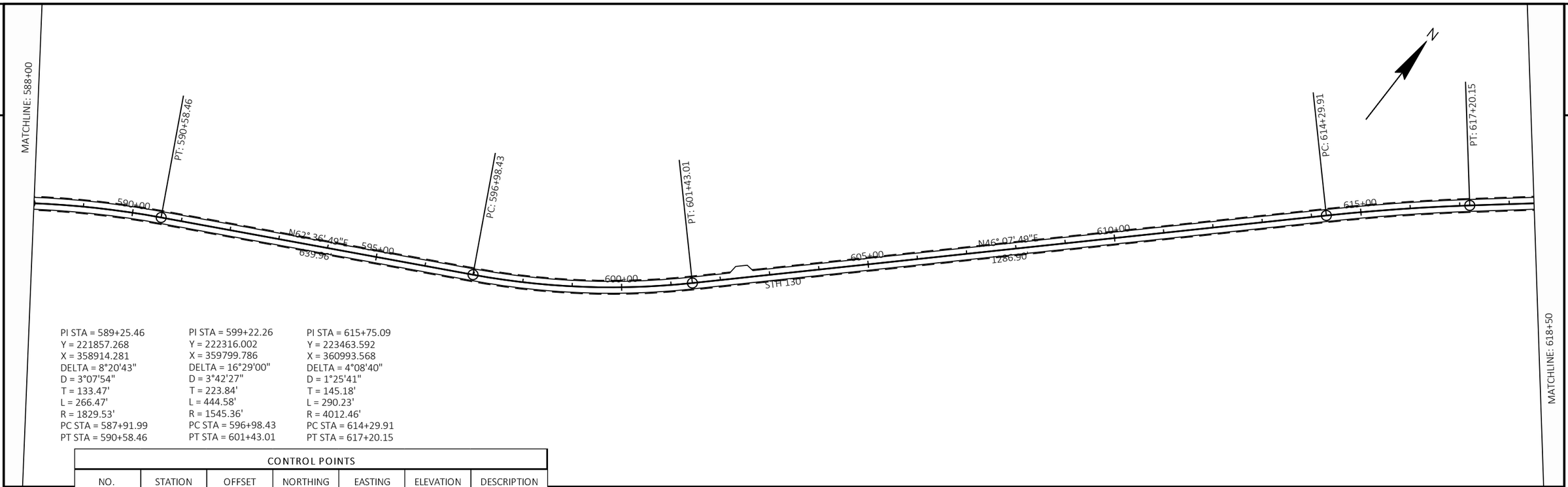
2



CONTROL POINTS

NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
920	560+80.81	32.16 RT	219778.191	357474.972	725.998	CP FENO

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 91	E



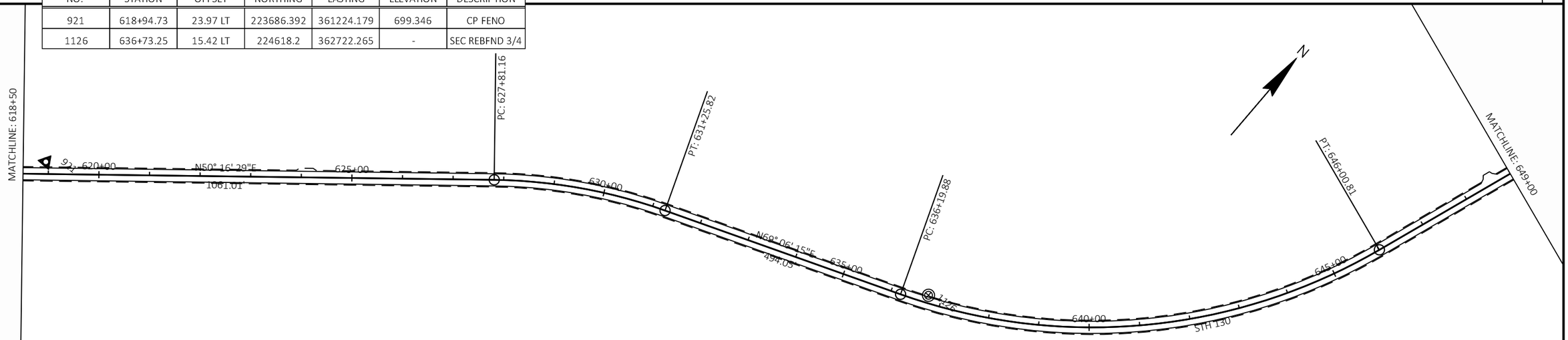
PI STA = 589+25.46
Y = 221857.268
X = 358914.281
DELTA = 8°20'43"
D = 3°07'54"
T = 133.47'
L = 266.47'
R = 1829.53'
PC STA = 587+91.99
PT STA = 590+58.46

PI STA = 599+22.26
Y = 222316.002
X = 359799.786
DELTA = 16°29'00"
D = 3°42'27"
T = 223.84'
L = 444.58'
R = 1545.36'
PC STA = 596+98.43
PT STA = 601+43.01

PI STA = 615+75.09
Y = 223463.592
X = 360993.568
DELTA = 4°08'40"
D = 1°25'41"
T = 145.18'
L = 290.23'
R = 4012.46'
PC STA = 614+29.91
PT STA = 617+20.15

CONTROL POINTS

NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
921	618+94.73	23.97 LT	223686.392	361224.179	699.346	CP FENO
1126	636+73.25	15.42 LT	224618.2	362722.265	-	SEC REBFND 3/4

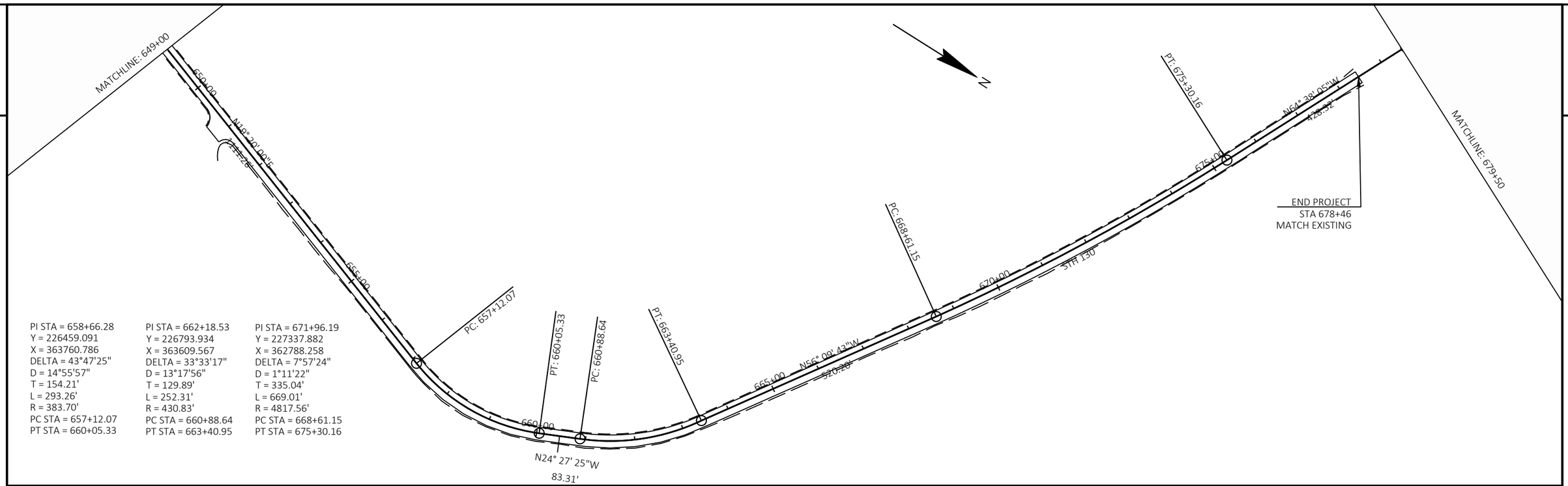


PI STA = 629+55.06
Y = 224345.620
X = 362055.019
DELTA = 18°49'46"
D = 5°27'48"
T = 173.90'
L = 344.66'
R = 1048.75'
PC STA = 627+81.16
PT STA = 631+25.82

PI STA = 641+43.70
Y = 224770.692
X = 363168.416
DELTA = 49°46'15"
D = 5°04'26"
T = 523.83'
L = 980.93'
R = 1129.24'
PC STA = 636+19.88
PT STA = 646+00.81

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 92	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 09
PLOT DATE : 6/16/2026 2:38 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

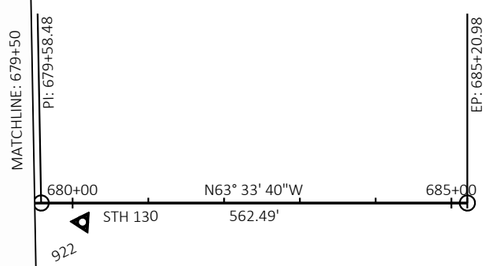


PI STA = 658+66.28
Y = 226459.091
X = 363760.786
DELTA = 43°47'25"
D = 14°55'57"
T = 154.21'
L = 293.26'
R = 383.70'
PC STA = 657+12.07
PT STA = 660+05.33

PI STA = 662+18.53
Y = 226793.934
X = 363609.567
DELTA = 33°33'17"
D = 13°17'56"
T = 129.89'
L = 252.31'
R = 430.83'
PC STA = 660+88.64
PT STA = 663+40.95

PI STA = 671+96.19
Y = 227337.882
X = 362788.258
DELTA = 7°57'24"
D = 1°11'22"
T = 335.04'
L = 669.01'
R = 4817.56'
PC STA = 668+61.15
PT STA = 675+30.16

CONTROL POINTS						
NO.	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
922	680+13.06	25.30 RT	227712.487	362061.177	717.41	CP FENO



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	ALIGNMENT DETAILS	SHEET 93	E

5770-02-70

Line	Item	Item Description	Unit	Total	Qty
0004	201.0110	Clearing	SY	1,584.000	1,584.000
0010	201.0210	Grubbing	SY	1,612.000	1,612.000
0014	203.0100	Removing Small Pipe Culverts	EACH	12.000	12.000
0016	204.0115	Removing Asphaltic Surface Butt Joints	SY	255.000	255.000
0018	204.0120	Removing Asphaltic Surface Milling	SY	147,200.000	147,200.000
0020	204.0165	Removing Guardrail	LF	6,160.000	6,160.000
0022	205.0100	Excavation Common	CY	5,636.000	5,636.000
0026	209.2500	Backfill Granular Grade 2	TON	8,081.000	8,081.000
0028	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 5770-02-70	EACH	1.000	1.000
0032	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	72.000	72.000
0034	213.0100	Finishing Roadway (project) 01. 5770-02-70	EACH	1.000	1.000
0040	305.0110	Base Aggregate Dense 3/4-Inch	TON	4,919.000	4,919.000
0042	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	2,677.000	2,677.000
0044	312.0110	Select Crushed Material	TON	2,089.000	2,089.000
0046	455.0605	Tack Coat	GAL	13,385.000	13,385.000
0048	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000
0050	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	2.000	2.000
0054	460.2005	Incentive Density PWL HMA Pavement	DOL	33,450.000	33,450.000
0056	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	11,520.000	11,520.000
0058	460.2010	Incentive Air Voids HMA Pavement	DOL	35,270.000	35,270.000
0060	460.5223	HMA Pavement 3 LT 58-28 S	TON	14,060.000	14,060.000
0062	460.5224	HMA Pavement 4 LT 58-28 S	TON	10,950.000	10,950.000
0064	465.0105	Asphaltic Surface	TON	475.000	475.000
0066	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	20.000	20.000
0070	465.0560	Asphaltic Rumble Strips, Centerline	LF	55,240.000	55,240.000
0072	520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH	6.000	6.000
0074	520.1030	Apron Endwalls for Culvert Pipe 30-Inch	EACH	2.000	2.000
0076	520.1036	Apron Endwalls for Culvert Pipe 36-Inch	EACH	6.000	6.000
0078	520.3424	Culvert Pipe Class III-A Non-metal 24-Inch	LF	170.000	170.000
0080	520.3430	Culvert Pipe Class III-A Non-metal 30-Inch	LF	52.000	52.000
0082	520.3436	Culvert Pipe Class III-A Non-metal 36-Inch	LF	150.000	150.000
0088	522.2338	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	LF	36.000	36.000
0090	522.2419	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	148.000	148.000
0092	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	8.000	8.000
0094	522.2638	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 38x60-Inch	EACH	2.000	2.000
0096	601.0413	Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type G	LF	65.000	65.000
0098	606.0200	Riprap Medium	CY	73.000	73.000
0100	611.9850.S	Pipe Grates (size) 01. 19x30-Inch	EACH	6.000	6.000
0102	611.9850.S	Pipe Grates (size) 02. 24-Inch	EACH	3.000	3.000
0104	611.9850.S	Pipe Grates (size) 03. 30-Inch	EACH	1.000	1.000
0106	611.9850.S	Pipe Grates (size) 04. 36-Inch	EACH	2.000	2.000
0108	611.9850.S	Pipe Grates (size) 05. 38x60-Inch	EACH	2.000	2.000
0110	614.0370	Steel Plate Beam Guard Energy Absorbing Terminal	EACH	4.000	4.000
0112	614.0397	Guardrail Mow Strip Emulsified Asphalt	SY	3,295.000	3,295.000
0114	614.2300	MGS Guardrail 3	LF	575.000	575.000
0116	614.2330	MGS Guardrail 3 K	LF	5,502.000	5,502.000
0118	614.2350	MGS Guardrail Short Radius	LF	106.000	106.000
0120	614.2610	MGS Guardrail Terminal EAT	EACH	1.000	1.000
0122	614.2630	MGS Guardrail Short Radius Terminal	EACH	2.000	2.000

5770-02-70

Line	Item	Item Description	Unit	Total	Qty
0124	618.0100	Maintenance and Repair of Haul Roads (project) 01. 5770-02-70	EACH	1.000	1.000
0128	619.1000	Mobilization	EACH	0.900	0.900
0130	624.0100	Water	MGAL	266.000	266.000
0132	625.0500	Salvaged Topsoil	SY	4,863.000	4,863.000
0134	628.1504	Silt Fence	LF	2,615.000	2,615.000
0136	628.1520	Silt Fence Maintenance	LF	2,615.000	2,615.000
0138	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0140	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000
0142	628.2008	Erosion Mat Urban Class I Type B	SY	4,863.000	4,863.000
0150	628.7555	Culvert Pipe Checks	EACH	12.000	12.000
0152	629.0210	Fertilizer Type B	CWT	2.970	2.970
0154	630.0130	Seeding Mixture No. 30	LB	9.000	9.000
0156	630.0171	Seeding Mixture No. 70A	LB	82.000	82.000
0158	630.0175	Seeding Mixture No. 75	LB	35.000	35.000
0160	630.0200	Seeding Temporary	LB	125.000	125.000
0162	630.0500	Seed Water	MGAL	146.400	146.400
0164	633.5200	Markers Culvert End	EACH	24.000	24.000
0166	634.0612	Posts Wood 4x6-Inch x 12-FT	EACH	1.000	1.000
0168	634.0614	Posts Wood 4x6-Inch x 14-FT	EACH	1.000	1.000
0170	637.2210	Signs Type II Reflective H	SF	6.250	6.250
0172	637.2230	Signs Type II Reflective F	SF	4.000	4.000
0176	638.2602	Removing Signs Type II	EACH	1.000	1.000
0178	638.3000	Removing Small Sign Supports	EACH	1.000	1.000
0180	642.5001	Field Office Type B	EACH	1.000	1.000
0182	643.0300	Traffic Control Drums	DAY	70.000	70.000
0184	643.0420	Traffic Control Barricades Type III	DAY	2,280.000	2,280.000
0186	643.0705	Traffic Control Warning Lights Type A	DAY	4,560.000	4,560.000
0188	643.0900	Traffic Control Signs	DAY	24,768.000	24,768.000
0190	643.0920	Traffic Control Covering Signs Type II	EACH	12.000	12.000
0192	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0194	643.3170	Temporary Marking Line Epoxy 6-Inch	LF	102,151.000	102,151.000
0196	643.5000	Traffic Control	EACH	0.900	0.900
0198	645.0120	Geotextile Type HR	SY	311.000	311.000
0200	646.2020	Marking Line Epoxy 6-Inch	LF	1,440.000	1,440.000
0202	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	216,010.000	216,010.000
0204	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	60.000	60.000
0206	646.6120	Marking Stop Line Epoxy 18-Inch	LF	227.000	227.000
0208	646.8120	Marking Curb Epoxy	LF	65.000	65.000
0210	648.0100	Locating No-Passing Zones	MI	11.000	11.000
0212	650.4500	Construction Staking Subgrade	LF	753.000	753.000
0214	650.5000	Construction Staking Base	LF	941.000	941.000
0216	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	65.000	65.000
0218	650.6000	Construction Staking Pipe Culverts	EACH	12.000	12.000
0220	650.8000	Construction Staking Resurfacing Reference	LF	55,140.000	55,140.000
0222	650.9911	Construction Staking Supplemental Control (project) 01. 5770-02-70	EACH	1.000	1.000
0226	650.9920	Construction Staking Slope Stakes	LF	7,146.000	7,146.000
0228	680.0100	Public Land Survey Monument Verify and Reset	EACH	3.000	3.000
0230	690.0150	Sawing Asphalt	LF	816.000	816.000
0232	740.0440	Incentive IRI Ride	DOL	43,600.000	43,600.000

5770-02-70

Line	Item	Item Description	Unit	Total	Qty
0238	SPV.0060	Special 01. Mowing Project ID 5770-02-70	EACH	1.000	1.000
0240	SPV.0090	Special 01. Painting Beam Guard	LF	2,810.000	2,810.000

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CLEARING & GRUBBING

CATEGORY	STATION	LOCATION	201.0110 CLEARING SY	201.0210 GRUBBING SY
0010	242+50	LT	147	147
0010	340+77	LT/RT	239	239
0010	346+97	LT/RT	343	343
0010	350+17	LT/RT	525	525
0010	358+98	LT/RT	150	150
0010	442+64	LT	180	180
0010	594+16	LT	-	28
		TOTAL 0010	1,584	1,612

REMOVING CULVERTS

CATEGORY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
0010	113+43	LT/RT	1	24" CMCP
0010	175+32	LT/RT	1	24" CMCP
0010	302+35	LT/RT	1	24" CMCP
0010	340+77	LT/RT	1	36" CMCP
0010	346+97	LT/RT	1	36" CMCP
0010	350+17	LT/RT	1	36" CMCP
0010	358+99	LT/RT	1	24" CMCP
0010	442+64	LT/RT	1	48" CMCP
0010	571+90	LT/RT	1	24" CMCP
0010	578+16	LT/RT	1	24" CMCP
0010	594+16	LT/RT	1	18" CMCP
0010	657+04	LT/RT	1	30" CMCP
		TOTAL 0010	12	

REMOVING GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	204.0165 REMOVING GUARDRAIL LF
0010	338+43	-	373+52	RT	3540
0010	518+72	-	520+29	LT/RT	160
0010	654+11	-	678+46	RT	2460
				TOTAL 0010	6,160

MILLING

CATEGORY	STATION	TO	STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
0010	100+80	-	309+50	LT/RT	40	55,700
0010	333+65	-	505+11	LT/RT	85	45,800
0010	507+00	-	519+37	LT/RT	50	3,300
0010	519+62	-	678+46	LT/RT	80	42,400
				TOTAL 0010	255	147,200

3

3

EXCAVATION COMMON

CATEGORY	STATION	LOCATION	205.0100 EXCAVATION COMMON CY	REMARKS
0010	113+43	LT/RT	480	24" CULVERT
0010	175+32	LT/RT	150	19" X 30" CULVERT
0010	302+35	LT/RT	510	24" CULVERT
0010	337+50	RT	18	NEW AGG DWY
0010	340+77	LT/RT	330	36" CULVERT
0010	346+97	LT/RT	860	36" CULVERT
0010	350+17	LT/RT	1,640	36" CULVERT
0010	358+99	LT/RT	710	24" CULVERT
0010	442+64	LT/RT	290	38" X 60" CULVERT
0010	571+90	LT/RT	150	19" X 30" CULVERT
0010	578+16	LT/RT	76	19" X 30" CULVERT
0010	594+16	LT/RT	83	19" X 30" CULVERT
0010	657+04	LT/RT	340	30" CULVERT
		TOTAL 0010	5,636	

PREPARE FOUNDATION

CATEGORY	STATION	TO	STATION	LOCATION	211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (01. 5770-02-70) EACH	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA
0010	100+80	-	678+46	PROJECT	1	-
0010	337+75	-	375+02	RT	-	38
0010	518+14	-	520+74	RT	-	3
0010	518+34	-	520+72	LT	-	3
0010	651+32	-	678+46	RT	-	28
				TOTAL 0010	1	72

3

BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	209.2500 BACKFILL GRANULAR GRADE 2 TON	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	624.0100 WATER MGAL	REMARKS
0010	100+80	-	309+50	LT/RT	-	1,640	-	-	25	MAINLINE SHOULDER
0010	113+14	-	113+73	LT/RT	470	-	190	170	13	24" CULVERT
0010	175+12	-	175+51	LT/RT	110	-	110	97	4.8	19" X 30" CULVERT
0010	302+01	-	302+69	LT/RT	760	-	180	160	17	24" CULVERT
0010	333+65	-	505+11	LT/RT	-	1,390	-	-	21	MAINLINE SHOULDER
0010	340+44	-	341+09	LT/RT	460	-	190	180	13	36" CULVERT
0010	346+48	-	347+48	LT/RT	1,240	-	270	270	27	36" CULVERT
0010	349+56	-	350+77	LT/RT	2,980	-	340	320	55	36" CULVERT
0010	358+56	-	359+41	LT/RT	950	-	240	230	22	24" CULVERT
0010	442+33	-	442+94	LT/RT	360	-	180	160	11	38" X 60" CULVERT
0010	507+00	-	519+37	LT/RT	-	110	-	-	1.7	MAINLINE SHOULDER
0010	518+34	-	520+72	LT/RT	-	-	300	-	4.5	B-25-0934 BEAMGUARD
0010	519+62	-	678+46	LT/RT	-	1,300	-	-	20	MAINLINE SHOULDER
0010	571+70	-	572+10	LT/RT	130	-	120	100	5.3	19" X 30" CULVERT
0010	578+01	-	578+31	LT/RT	91	-	88	75	3.9	19" X 30" CULVERT
0010	594+01	-	594+31	LT/RT	120	-	88	77	4.3	19" X 30" CULVERT
0010	656+77	-	657+32	LT/RT	410	-	170	150	11	30" CULVERT
0010	UNDISTRIBUTED			LT/RT	-	230	130	100	6.9	
				TOTAL 0010	8,081	4,670	2,596	2,089	266	

*ITEM USED ELSEWHERE IN PLAN

3

DRIVEWAYS

CATEGORY	STATION	TO	STATION	LOCATION	* 305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	* 305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	* 690.0150 SAWING ASPHALT LF	REMARKS
0010	100+80	-	309+50	LT/RT	93	-	-	-	
0010	101+74	-		LT	-	-	2	22	
0010	286+46	-		RT	-	-	3	28	
0010	333+65	-	505+11	LT/RT	46	-	-	-	
0010	337+50			RT	85	81	-	-	NEW DWY
0010	398+84	-		RT	-	-	3	40	
0010	423+79	-		RT	-	-	3	30	
0010	507+00	-	519+37	LT/RT	3	-	-	-	
0010	508+85	-		LT	-	-	6	20	
0010	519+62	-	678+46	LT/RT	22	-	-	-	
0010	571+59	-		LT	-	-	3	28	
				TOTAL 0010	249	81	20	168	

*ITEM USED ELSEWHERE IN PLAN

ASPHALTIC SURFACE

CATEGORY	STATION	LOCATION	465.0105 ASPHALTIC SURFACE TON
0010	113+43	LT/RT	36
0010	175+31	LT/RT	24
0010	302+35	LT/RT	42
0010	340+77	LT/RT	41
0010	346+97	LT/RT	64
0010	350+17	LT/RT	75
0010	358+98	LT/RT	53
0010	442+64	LT/RT	37
0010	466+00	LT	5
0010	571+90	LT/RT	26
0010	578+16	LT/RT	18
0010	594+16	LT/RT	18
0010	657+04	LT/RT	36
		TOTAL 0010	475

ASPHALT ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S LOWER TON	460.5224 HMA PAVEMENT 4 LT 58-28 S UPPER TON	465.0560 ASPHALTIC RUMBLE STRIPS, CENTERLINE LF
0010	100+80	-	309+50	LT/RT	6,770	7,100	5,530	20,900
0010	333+65	-	505+11	LT/RT	5,710	6,000	4,670	17,200
0010	507+00	-	519+37	LT/RT	475	500	390	1,240
0010	519+62	-	678+46	LT/RT	430	460	360	15,900
				TOTAL 0010	13,385	14,060	10,950	55,240

PWL TEST STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	460.0105.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS EACH	460.0110.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP DENSITY EACH
0010	100+80	-	678+46	LT/RT	2	2
				TOTAL 0010	2	2

3

CULVERTS

CATEGORY	STATION	LOCATION	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	520.1030 APRON ENDWALLS FOR CULVERT PIPE 30-INCH EACH	520.1036 APRON ENDWALLS FOR CULVERT PIPE 36-INCH EACH	520.3424 CULVERT PIPE CLASS III-A NON-METAL 24-INCH LF	520.3430 CULVERT PIPE CLASS III-A NON-METAL 30-INCH LF	520.3436 CULVERT PIPE CLASS III-A NON-METAL 36-INCH LF	522.2338 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 38X60-INCH LF	522.2419 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	522.2619 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH EACH	522.2638 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 38X60-INCH EACH	633.5200 MARKERS CULVERT END EACH
0010	113+43	LT/RT	2	-	-	68	-	-	-	-	-	-	2
0010	175+32	LT/RT	-	-	-	-	-	-	-	38	2	-	2
0010	302+35	LT/RT	2	-	-	52	-	-	-	-	-	-	2
0010	340+77	LT/RT	-	-	2	-	-	38	-	-	-	-	2
0010	346+97	LT/RT	-	-	2	-	-	52	-	-	-	-	2
0010	350+17	LT/RT	-	-	2	-	-	60	-	-	-	-	2
0010	358+99	LT/RT	2	-	-	50	-	-	-	-	-	-	2
0010	442+64	LT/RT	-	-	-	-	-	-	36	-	-	2	2
0010	571+90	LT/RT	-	-	-	-	-	-	-	36	2	-	2
0010	578+16	LT/RT	-	-	-	-	-	-	-	32	2	-	2
0010	594+16	LT/RT	-	-	-	-	-	-	-	42	2	-	2
0010	657+04	LT/RT	-	2	-	-	52	-	-	-	-	-	2
		TOTAL 0010	6	2	6	170	52	150	36	148	8	2	24

CURB & GUTTER

CATEGORY	STATION	LOCATION	601.0413 CONCRETE CURB & GUTTER 6-INCH SLOPED 30-INCH TYPE G LF	REMARKS
0010	466+00	CTH I	65	RIGHT TURN ISLAND
		TOTAL 0010	65	

RIPRAP

CATEGORY	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	REMARKS
0010	113+40	LT	5	23	24" CULVERT
0010	175+12	RT	5	24	19" X 30" CULVERT
0010	242+44	LT	5	23	24" CULVERT - TO REMAIN
0010	302+01	RT	5	23	24" CULVERT
0010	340+44	RT	9	35	36" CULVERT
0010	346+48	RT	9	35	36" CULVERT
0010	349+56	RT	9	35	36" CULVERT
0010	358+56	RT	5	23	24" CULVERT
0010	442+33	LT	11	42	38" X 60" CULVERT
0010	594+01	RT	5	24	19" X 30" CULVERT
0010	656+77	RT	5	24	30" CULVERT
		TOTAL 0010	73	311	

PIPE GRATES

CATEGORY	STATION	LOCATION	611.9850.S.01 PIPE GRATES (SIZE) (01. 19X30-INCH) EACH	611.9850.S.02 PIPE GRATES (SIZE) (02. 24-INCH) EACH	611.9850.S.03 PIPE GRATES (SIZE) (03. 30-INCH) EACH	611.9850.S.04 PIPE GRATES (SIZE) (04. 36-INCH) EACH	611.9850.S.05 PIPE GRATES (SIZE) (05. 38X60-INCH) EACH
0010	175+31	LT/RT	-	2	-	-	-
0010	302+35	LT	-	1	-	-	-
0010	340+77	LT/RT	-	-	-	1	-
0010	346+97	LT	-	-	-	1	-
0010	442+64	LT/RT	-	-	-	-	2
0010	571+90	LT/RT	2	-	-	-	-
0010	578+15	LT/RT	2	-	-	-	-
0010	594+16	LT/RT	2	-	-	-	-
0010	657+04	LT	-	-	1	-	-
		TOTAL 0010	6	3	1	2	2

BEAMGUARD

CATEGORY	STATION	TO	STATION	LOCATION	614.0370 STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL EACH	614.2300 MGS GUARDRAIL 3 LF	614.2330 MGS GUARDRAIL 3 K LF	614.2350 MGS GUARDRAIL SHORT RADIUS LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.2630 MGS GUARDRAIL SHORT RADIUS TERMINAL EACH
0010	338+25	-	375+04	RT	-	575	3,085	44	1	1
0010	518+60	-	520+36	LT/RT	4	-	-		-	-
0010	651+32	-	678+46	RT	-	-	2,417	62	-	1
				TOTAL 0010	4	575	5,502	106	1	2

LANDSCAPING ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0171 SEEDING MIXTURE NO. 70A LB	630.0175 SEEDING MIXTURE NO. 75 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	REMARKS
0010	113+14	-	113+73	LT/RT	230	0.21	-	6	-	6	7.3	24" CULVERT
0010	175+12	-	175+51	LT/RT	110	0.09	3	-	-	3	3.2	19" X 30" CULVERT
0010	302+01	-	302+69	LT/RT	180	0.15	-	5	-	5	5.2	24" CULVERT
0010	338+00	-	375+00	RT	730	0.71	-	21	-	21	25	BEAMGUARD
0010	340+44	-	341+09	LT/RT	190	0.16	-	5	-	5	5.5	36" CULVERT
0010	346+48	-	347+48	LT/RT	370	0.27	-	8	-	8	10	36" CULVERT
0010	349+56	-	350+77	LT/RT	420	0.33	-	10	-	10	12	36" CULVERT
0010	358+56	-	359+41	LT/RT	240	0.19	-	6	-	6	6.5	24" CULVERT
0010	442+33	-	442+94	LT/RT	150	0.13	-	4	-	4	4.7	38" X 60" CULVERT
0010	518+34	-	520+72	LT/RT	250	-	-	-	8	8	8.9	B-25-0924 BEAMGUARD
0010	571+70	-	572+10	LT/RT	50	0.05	2	-	-	2	1.8	19" X 30" CULVERT
0010	578+01	-	578+31	LT/RT	30	0.05	2	-	-	2	1.5	19" X 30" CULVERT
0010	594+01	-	594+31	LT/RT	60	0.01	-	-	2	2	2.4	19" X 30" CULVERT
0010	651+32	-	678+46	RT	760	-	-	-	14	14	18	BEAMGUARD
0010	656+77	-	657+32	LT/RT	120	0.02	-	-	4	4	4.4	30" CULVERT
0010	PROJECT			UNDISTRIBUTED	973	0.60	2	17	7	25	30	
				TOTAL 0010	4,863	2.97	9	82	35	125	146.4	

GUARDRAIL MOW STRIP

CATEGORY	STATION	TO	STATION	LOCATION	614.0397 GUARDRAIL MOW STRIP EMULSIFIED ASPHALT SY
0010	338+75	-	375+04	RT	1,385
0010	651+32	-	678+46	RT	1,910
				TOTAL 0010	3,295

3

EROSION CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	628.7555 CULVERT PIPE CHECKS EACH	REMARKS
0010	113+14	-	113+73	LT/RT	130	130	-	-	230	1	24" CULVERT
0010	175+12	-	175+51	LT/RT	150	150	-	-	110	1	19" X 30" CULVERT
0010	302+01	-	302+69	LT/RT	145	145	-	-	180	1	24" CULVERT
0010	338+00	-	375+04	RT	135	135	-	-	730	-	BEAMGUARD
0010	340+44	-	341+09	LT/RT	190	190	-	-	190	1	36" CULVERT
0010	346+48	-	347+48	LT/RT	185	185	-	-	370	1	36" CULVERT
0010	349+56	-	350+77	LT/RT	235	235	-	-	420	1	36" CULVERT
0010	358+56	-	359+41	LT/RT	140	140	-	-	240	1	24" CULVERT
0010	442+33	-	442+94	LT/RT	120	120	-	-	150	1	38" X 60" CULVERT
0010	518+34	-	520+72	LT/RT	510	510	-	-	250	-	B-25-0924 BEAMGUARD
0010	571+70	-	572+10	LT/RT	-	-	-	-	50	1	19" X 30" CULVERT
0010	578+01	-	578+31	LT/RT	-	-	-	-	30	1	19" X 30" CULVERT
0010	594+01	-	594+31	LT/RT	95	95	-	-	60	1	19" X 30" CULVERT
0010	651+32	-	678+46	RT	-	-	-	-	760	-	BEAMGUARD
0010	656+77	-	657+32	LT/RT	80	80	-	-	120	1	30" CULVERT
0010	PROJECT			UNDISTRIBUTED	500	500	1	1	973	-	
				TOTAL 0010	2,615	2,615	1	1	4,863	12	

PERMANENT SIGNING

CATEGORY	STATION	LOCATION	TYPE	CODE	SIZE INCH X INCH	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	465+76	LT	DOUBLE DIAGONAL ARROW	W12-1D	24 X 24	1	-	-	4.00	-	-
	465+82	LT	STOP	R1-1	30 X 30	-	1	6.25	-	1	1
					TOTAL 0010	1	1	6.25	4.00	1	1

TRAFFIC CONTROL

CATEGORY	LOCATION	643.0300 TRAFFIC CONTROL DRUMS *EACH	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III *EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A *EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0900 TRAFFIC CONTROL SIGNS *EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS *EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.5000 TRAFFIC CONTROL EACH	REMARKS
0010	PROJECT	10	70	-	-	-	-	-	-	-	2	14	-	PRE-CONSTRUCTION
0010	PROJECT	-	-	6	720	12	1,440	178	21,360	12	-	-	0.9	DETOUR
0010	PROJECT	-	-	-	-	-	-	24	168	-	-	-	-	LOOSE GRAVEL (SDD 15D45)
0010	PROJECT	-	-	13	1,560	26	3,120	27	3,240	-	-	-	-	SIDEROADS
	TOTAL 0010	10	70	19	2,280	38	4,560	229	24,768	12	2	14	0.9	

* 'EACH' QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY

PAVEMENT MARKINGS

CATEGORY	STATION	TO	STATION	LOCATION	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH YELLOW LF	646.2020 MARKING LINE EPOXY 6-INCH YELLOW LF	646.2020 MARKING LINE EPOXY 6-INCH WHITE LF	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	646.6120 MARKING STOP LINE EPOXY 18-INCH WHITE LF	646.8120 MARKING CURB EPOXY YELLOW LF	648.0100 LOCATING NO-PASSING ZONES MI	REMARKS
0010	100+35	-	309+50	LT/RT	41,831	-	-	41,840	41,500	-	25	-	11	MAINLINE
0010	333+65	-	678+46	LT/RT	60,320	430	430	60,320	72,120	-	-	-	-	MAINLINE
0010	194+00	-		LT/RT	-	-	-	115	-	-	25	-	-	CTH M
0010	334+00	-		LT/RT	-	-	-	-	-	-	24	-	-	SPRING VALLEY RD
0010	376+00	-		LT/RT	-	-	-	-	-	-	10	-	-	LIMMEX HILL RD
0010	466+00	-		LT/RT	-	175	90	-	-	60	41	65	-	CTH I
0010	467+00	-		LT/RT	-	-	-	-	-	-	25	-	-	CLYDE RD
0010	512+50	-		LT/RT	-	-	-	115	-	-	32	-	-	CTH NN
0010	544+00	-		LT/RT	-	-	-	-	-	-	10	-	-	BIGELOW HILL RD
0010	549+50	-		LT/RT	-	-	-	-	-	-	8	-	-	BIGELOW HILL RD
0010	555+00	-		LT/RT	-	70	60	-	-	-	17	-	-	CTH C
0010	560+50	-		LT/RT	-	105	80	-	-	-	10	-	-	CTH C
				TOTAL 0010	102,151	1,440		216,010		60	227	65	11	

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CONSTRUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. 5770-02-70) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010	100+80	-	309+50	LT/RT	166	166	-	3	20,870	0.5	166
	333+65		678+46	LT/RT	587	775	65	9	34,270	0.5	6,980
				TOTAL 0010	753	941	65	12	55,140	1	7,146

3

MONUMENTS

CATEGORY	STATION	LOCATION	DESCRIPTION	680.0100 PUBLIC LAND REFERENCE MONUMENT VERIFY AND RESET EACH
0010	356+07	3.04' LT	T7N, R3E, SECTION 7, CENTER CORNER	1
0010	393+95	23.0' LT	T7N, R2E, SECTION 1 , SE CORNER	1
0010	636+25	21.5' LT	T8N, R2E, SECTION 24, EAST CORNER	1
			TOTAL 0010	3

SAWING ASPHALT

SAWING ASPHALT

CATEGORY	STATION	TO	STATION	LOCATION	* 690.0150 SAWING ASPHALT LF	REMARKS
0010	113+14	-	113+73	LT/RT	48	24" CULVERT
0010	175+12	-	175+51	LT/RT	48	19" X 30" CULVERT
0010	302+01	-	302+69	LT/RT	48	24" CULVERT
0010	340+44	-	341+09	LT/RT	48	36" CULVERT
0010	346+48	-	347+48	LT/RT	48	36" CULVERT
0010	349+56	-	350+77	LT/RT	48	36" CULVERT
0010	358+56	-	359+41	LT/RT	48	24" CULVERT
0010	442+33	-	442+94	LT/RT	48	38" X 60" CULVERT
0010	465+61	-		LT	65	RIGHT TURN ISLAND AT CTH I
0010	571+70	-	572+10	LT/RT	50	19" X 30" CULVERT
0010	578+01	-	578+31	LT/RT	48	19" X 30" CULVERT
0010	594+01	-	594+31	LT/RT	48	19" X 30" CULVERT
0010	656+77	-	657+32	LT/RT	53	30" CULVERT
				TOTAL 0010	648	

*ITEM USED ELSEWHERE IN PLAN

3

MOWING

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0060.01 SPECIAL (01. MOWING PROJECT ID 5770-02-70) EACH
0010	517+50	-	661+00	LT/RT	1
				TOTAL 0010	1

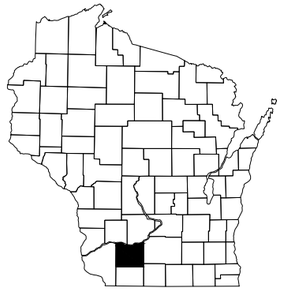
PAINTING BEAM GUARD

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.01 SPECIAL (01. PAINTING BEAM GUARD) LF
0010	651+32	-	678+46	RT	2,810
				TOTAL 0010	2,810

3

PWL MIXTURE USE TABLE
5770-02-70 & 5770-02-72

LOCATION	STATION			MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	QUALITY MANAGEMENT PROGRAM TO BE USED	
									MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
12-FOOT DRIVING LANES	100+80	-	314+00	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	5578	1.75"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	460.2005 INCENTIVE DENSITY PWL HMA PAVEMENT
	100+80	-	314+00	LOWER LAYER	EXISTING BASE AGGREGATE	3 LT 58-28 S	7171	2.25"		
6-FOOT LT SHOULDER	309+50	-	314+00	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	30	1.75"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
	309+50	-	314+00	LOWER LAYER	PROPOSED BASE AGGREGATE	3 LT 58-28 S	39	2.25"		
12-FOOT DRIVING LANES	314+00	-	331+00	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	508	2.00"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	460.2000 INCENTIVE DENSITY HMA PAVEMENT
	314+00	-	331+00	LOWER LAYER	PROPOSED BASE AGGREGATE	3 LT 58-28 S	698	2.75"		
5 TO 6-FOOT SHOULDER	314+00	-	331+00	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	224	2.00"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
	314+00	-	331+00	LOWER LAYER	PROPOSED BASE AGGREGATE	3 LT 58-28 S	309	2.75"		
12-FOOT DRIVING LANES	331+00	-	505+11	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	4559	1.75"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	460.2005 INCENTIVE DENSITY PWL HMA PAVEMENT
	331+00	-	505+11	LOWER LAYER	EXISTING BASE AGGREGATE	3 LT 58-28 S	5859	2.25"		
6-FOOT LT SHOULDER	331+00	-	333+65	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	19	1.75"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE OR DISINCENTIVE
	331+00	-	333+65	LOWER LAYER	EXISTING BASE AGGREGATE	3 LT 58-28 S	24	2.25"		
12-FOOT DRIVING LANES	507+00	-	519+37	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	330	1.75"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	460.2005 INCENTIVE DENSITY PWL HMA PAVEMENT
	507+00	-	519+37	LOWER LAYER	EXISTING BASE AGGREGATE	3 LT 58-28 S	420	2.25"		
12-FOOT DRIVING LANES	519+62	-	678+46	UPPER LAYER	3 LT 58-28 S	4 LT 58-28 S	4160	1.75"	460.2010 INCENTIVE AIR VOIDS HMA PAVEMENT	460.2005 INCENTIVE DENSITY PWL HMA PAVEMENT
	519+62	-	678+46	LOWER LAYER	EXISTING BASE AGGREGATE	3 LT 58-28 S	5340	2.25"		



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5770-02-20
STH 23 - LONE ROCK
STH 23 TO STH 133
STH 130
IOWA 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) — 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
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN — OFF-PREMISE SIGN
PARCEL NUMBER 25 — UTILITY NUMBER 40
PARALLEL OFFSETS

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)

CONVENTIONAL ABBREVIATIONS

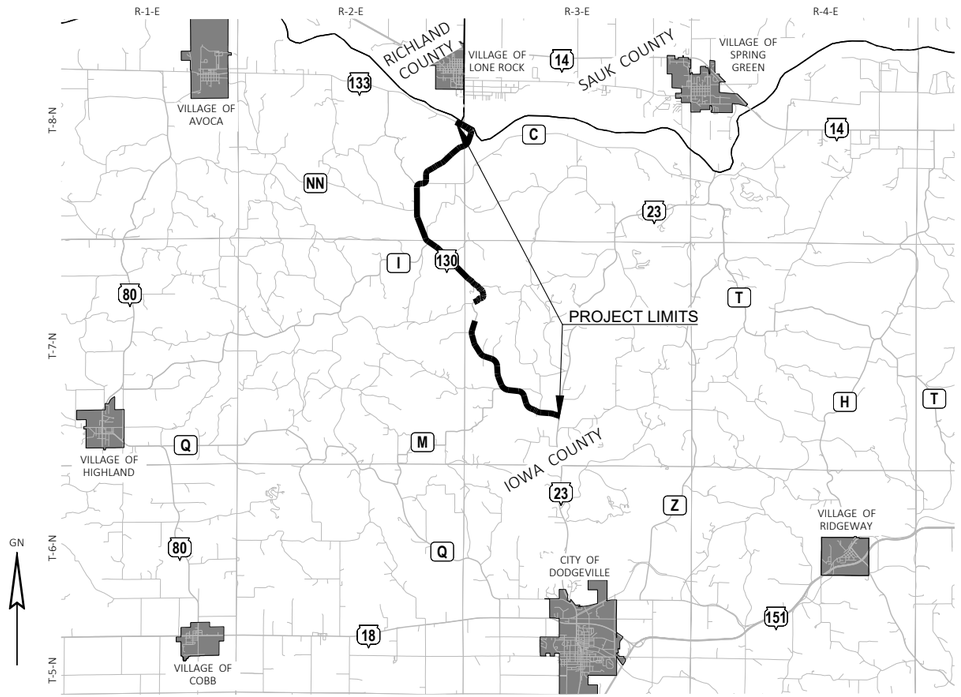
ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ /DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
ELECTRIC TOWER	



LAYOUT
SCALE 0 2 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5770-02-20

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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 AND PERMANENT EASEMENT 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.

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. 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 SOUTHWEST REGION 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 5770-02-20 - 4. 01
SHEET 2 OF 2
AMENDMENT NO:

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040101-RP.DWG
LAYOUT NAME: 34635 TPP TITLE SHEET
PLOT DATE : 9/16/2015 3:04 PM PLOT BY : CARYN MELLOM PLOT NAME : _____

387555

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.01

THAT PART OF THE NE 1/4 OF THE SW 1/4 OF SECTION 28, TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF DODGEVILLE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 0 12-1(9), PREVIOUS PROJECT NUMBER 5255-03-21, AND STATE AID PROJECT NUMBER 9408.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION OFFICE IN MADISON.

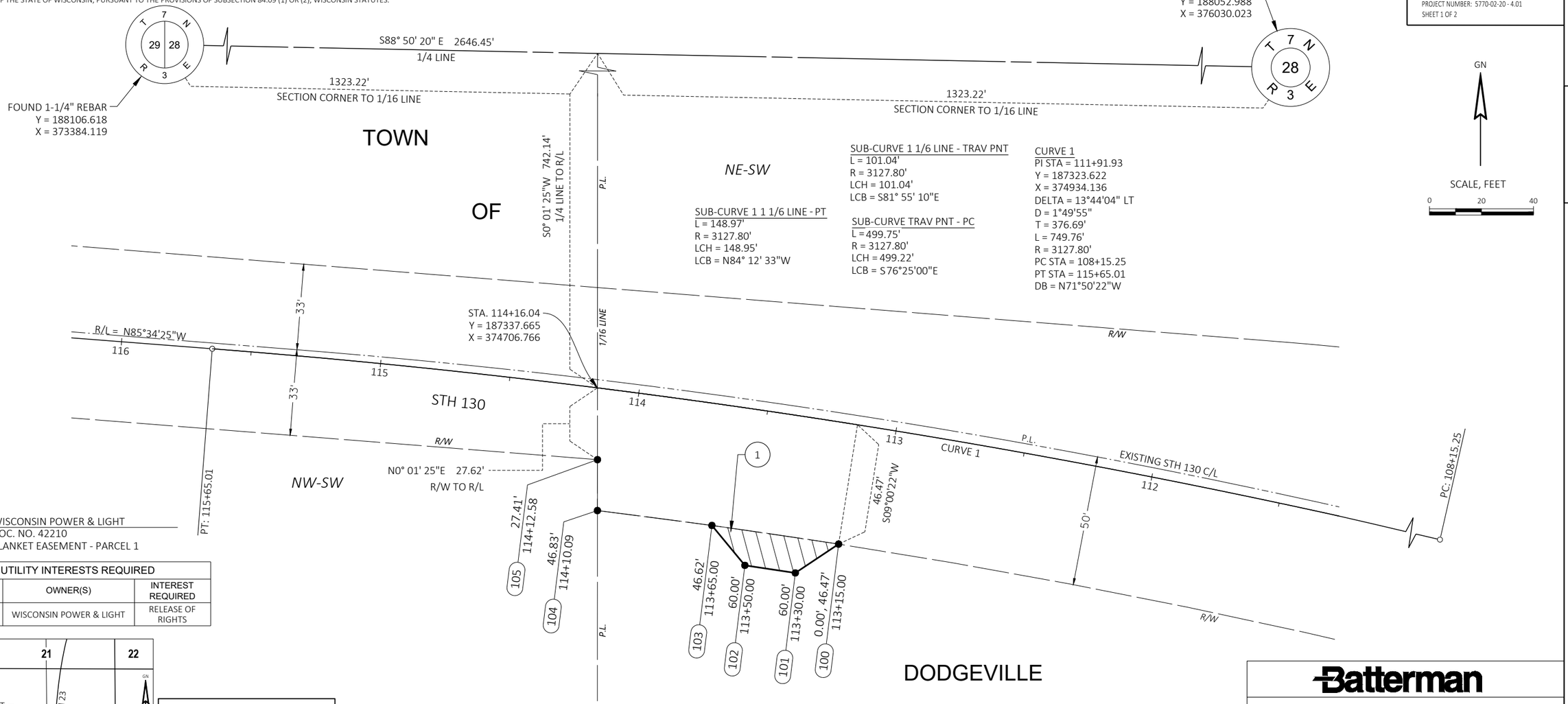
ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" x 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

SIXTEENTH LINES WERE ESTABLISHED BY SECTION BREAKDOWN OF OBSERVED PLSS MONUMENTS.

FOR ADDITIONAL INFORMATION, REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

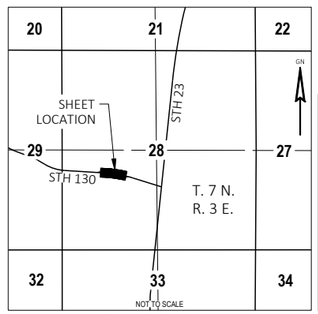
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:40 AM ON June 26, 2024 AS DOCUMENT # 387555 AND FILED IN Plat Cab B Pg 138-139
Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J. Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.01
SHEET 1 OF 2



101 WISCONSIN POWER & LIGHT
DOC. NO. 42210
BLANKET EASEMENT - PARCEL 1

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
101	WISCONSIN POWER & LIGHT	RELEASE OF RIGHTS



LOCATION MAP

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	S56° 19' 28"W	20.01'
101-102	N81° 27' 07"W	19.62'
102-103	N39° 33' 24"W	19.91'
103-104	SEE CURVE TABLE	
104-105	N00° 01' 25"E	19.58'

HE CURVE TABLE				
COURSE	LCB	LCH	R	L
103-104	N82° 35' 09"W	44.42'	2815.00'	44.42'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
1	STEVEN J & RHONDA M MARTEN FAMILY TRUST	HE	464

Batterman

I, KRISTIN J. BELONGIA, 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 KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 6/24/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.
SIGNATURE: Emily Hemling DATE: 6/24/2024
PRINT NAME: EMILY HEMLING

GN
SCALE, FEET
0 20 40

4 4

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 6/24/2024
PLOT DATE : 6/19/2024 9:29 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-02-20 - 4.01

387953

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.02

THAT PART OF THE NE 1/4 OF THE NW 1/4 OF SECTION 29, TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF DODGEVILLE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

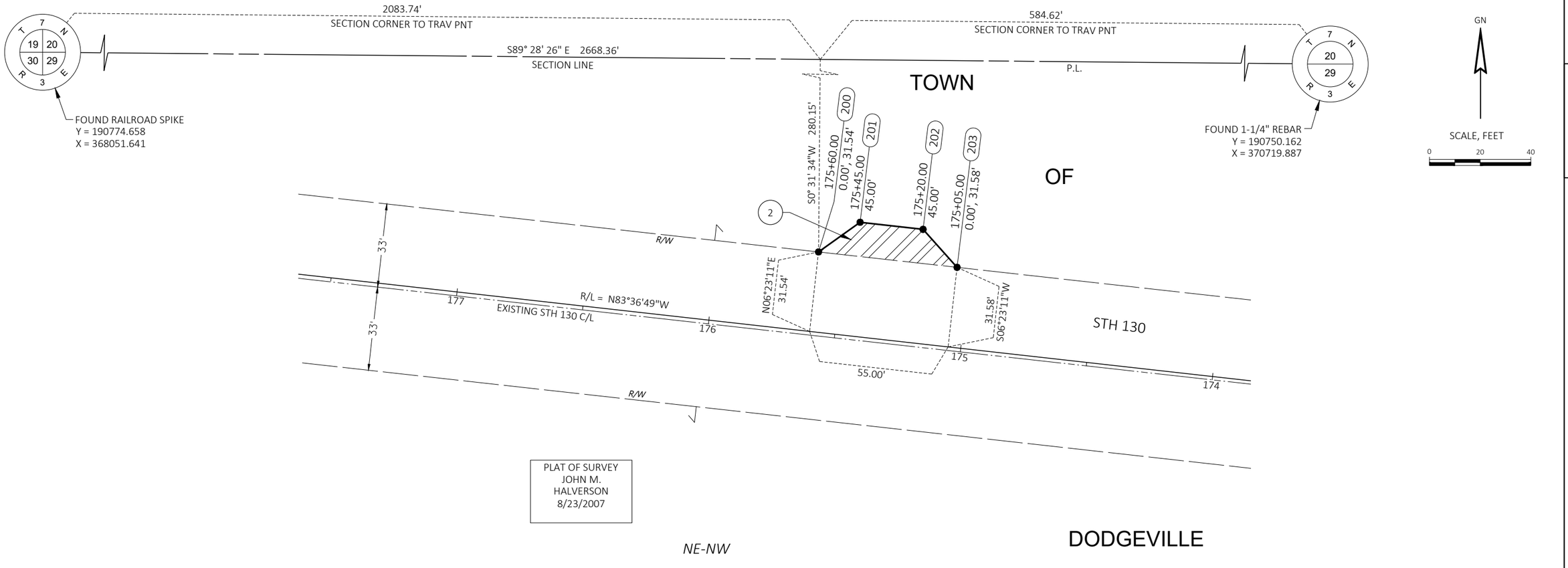
ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" x 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

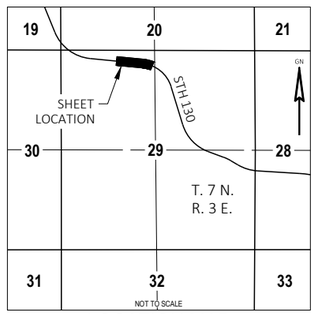
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON August 7, 2024 AS DOCUMENT # 387953 AND FILED IN Plt Cab B Pg 140

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.02



PLAT OF SURVEY
JOHN M.
HALVERSON
8/23/2007



LOCATION MAP

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	N54° 29' 07"E	20.15'
201-202	S83° 36' 49"E	25.00'
202-203	S41° 48' 13"E	20.12'

101 WISCONSIN POWER & LIGHT
VOL. 139, PG. 391, DOC. NO. 45690
BLANKET EASEMENT - PARCEL 2

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
101	WISCONSIN POWER & LIGHT	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
2	ONE SHOT INDUSTRIES, LLC	HE	538

Batterman

I, KRISTIN J. BELONGIA, 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 KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 7/29/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 7/29/2024
PRINT NAME: EMILY HEMLING

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 7/29/2024
PLOT DATE : 7/8/2024 9:20 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-02-20 - 4.02

387954

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.03

THAT PART OF LOT 1 OF CSM 1173 LOCATED IN THE NW 1/4 OF THE NE 1/4 OF SECTION 19, TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF DODGEVILLE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408 AND CSM NO 1173.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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 THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

GN

SCALE, FEET

0 20 40

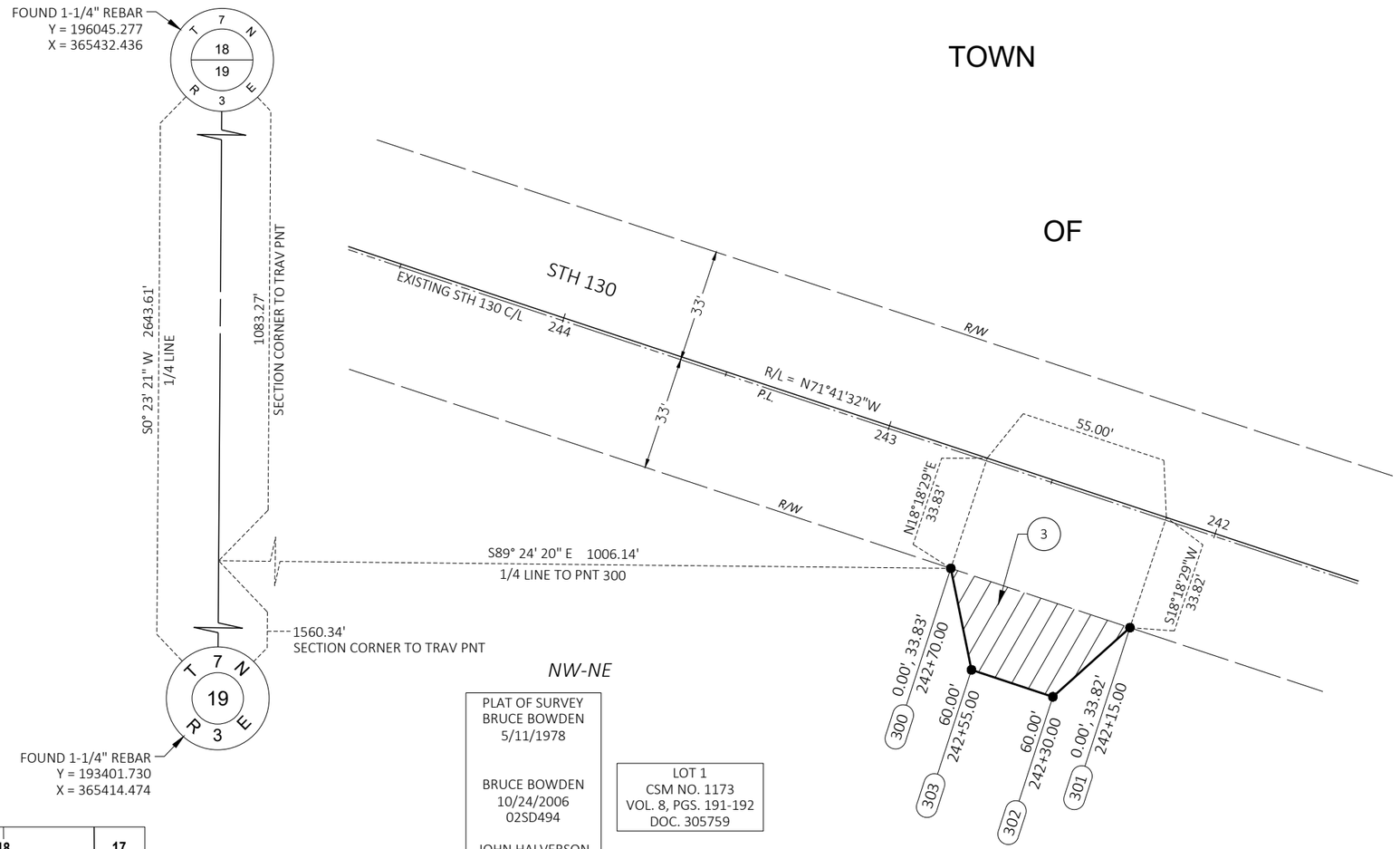
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON August 7, 2024 AS DOCUMENT # 387954 AND FILED IN Plt Cab B Pg 141

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J. Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.03

4

4

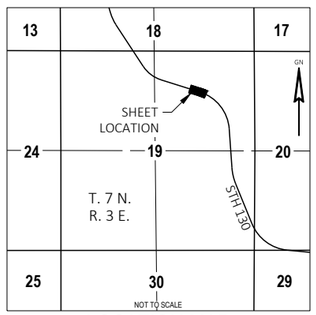


PLAT OF SURVEY
BRUCE BOWDEN
5/11/1978

BRUCE BOWDEN
10/24/2006
02SD494

JOHN HALVERSON
5/21/1986

LOT 1
CSM NO. 1173
VOL. 8, PGS. 191-192
DOC. 305759



LOCATION MAP

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
301-302	S48° 06' 59"W	30.17'
302-303	N71° 41' 32"W	25.00'
303-300	N11° 30' 29"W	30.17'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
3	BLANE V & TARYN GREENE	HE	1047

Batterman

I, KRISTIN J. BELONGIA, 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
KRISTIN J. BELONGIA
S-2943
ELKHORN
WIS.
LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 7/29/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 7/29/2024
PRINT NAME: EMILY HEMLING

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 7/29/2024
PLOT DATE : 7/8/2024 9:20 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-02-20 - 4.03

387955

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.04

THAT PART OF LOT 1 OF CSM 240 LOCATED IN THE SW 1/4 OF THE NW 1/4 AND SE 1/4 OF THE NW 1/4 OF SECTION 18, TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

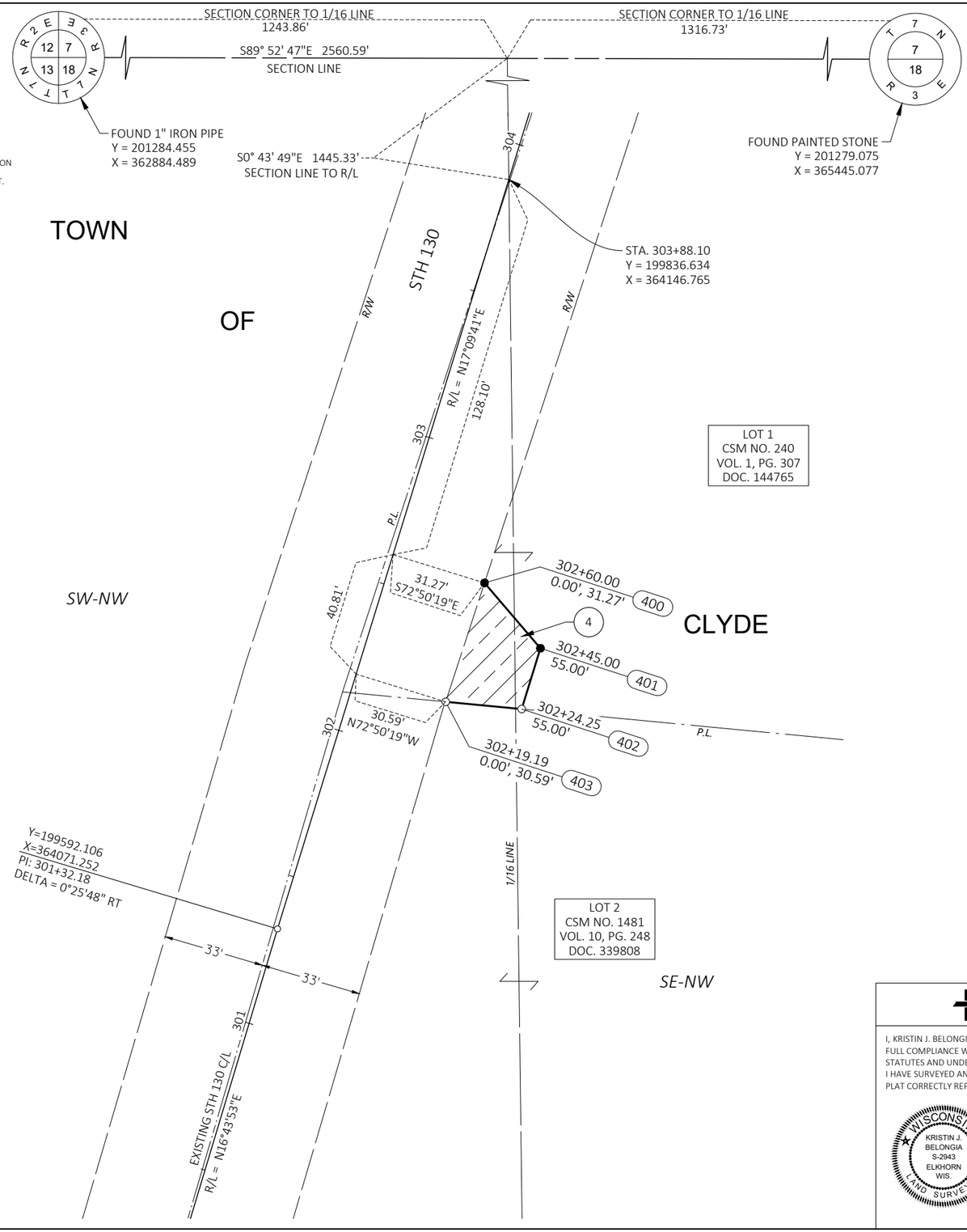
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408 AND CSM NO. 240.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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 PLSS MONUMENTS.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

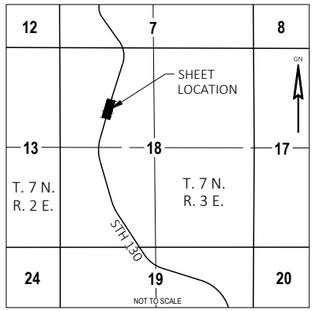


HE COURSE TABLE		
COURSE	BEARING	DISTANCE
400-401	S40° 32' 24"E	28.07'
401-402	S17° 09' 41"W	20.75'
402-403	N84° 33' 27"W	24.93'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
4	BRIAN J & EILEEN L ADAMS	HE	743



LOCATION MAP

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 9:30AM ON August 7, 2024 AS DOCUMENT # 387955 AND FILED IN Plt Cab B Pg 142

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J. Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.04

Batterman

I, KRISTIN J. BELONGIA, 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: Kristin J Belongia DATE: 7/29/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

WISCONSIN KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 7/29/2024
PRINT NAME: EMILY HEMLING

4

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 7/29/2024
PLOT DATE : 7/8/2024 9:20 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-02-20 - 4.04

387956

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.05

THAT PART OF THE NE 1/4 OF THE SW 1/4 OF SECTION 7, TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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.

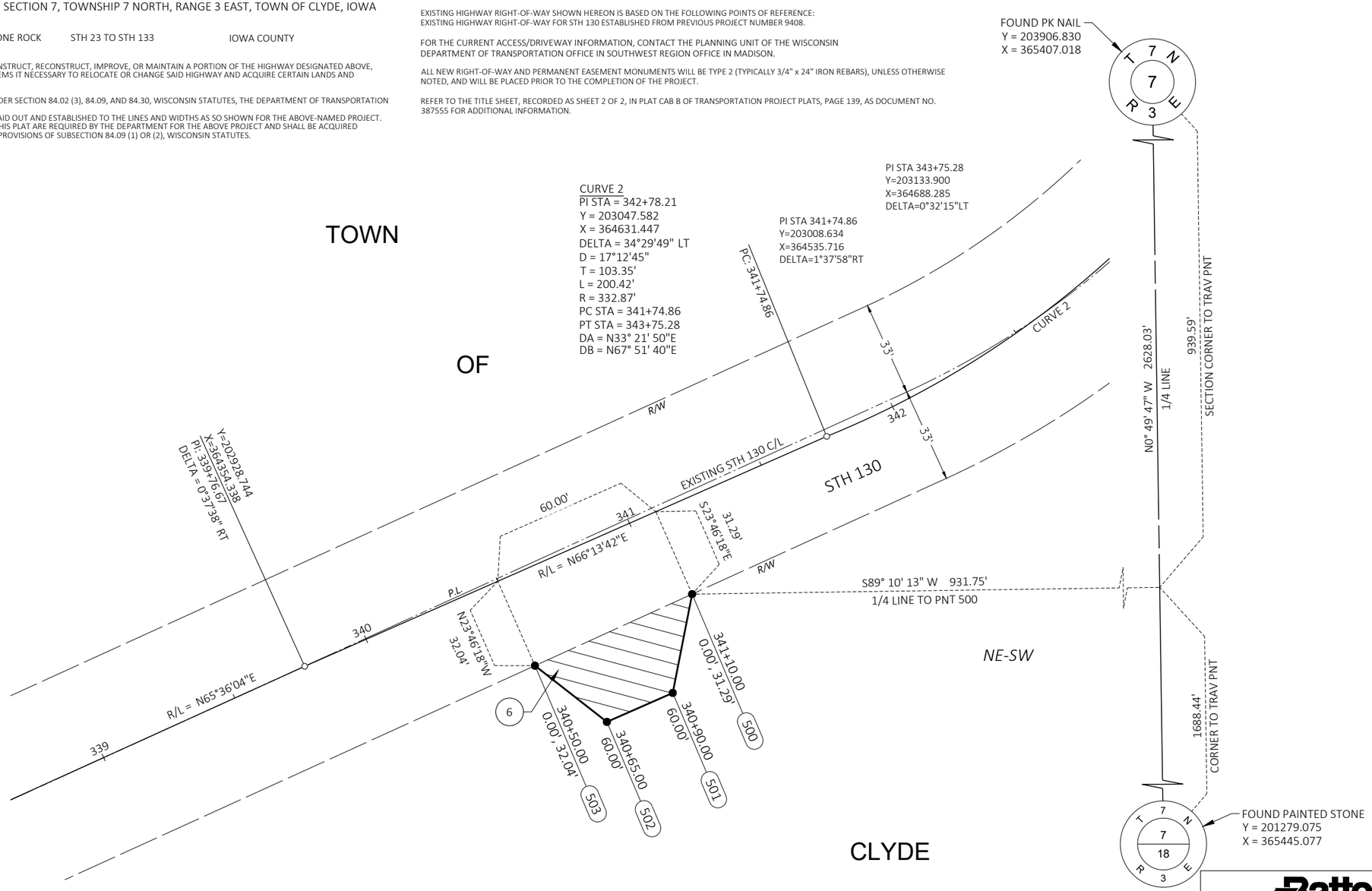
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON August 7, 2024 AS DOCUMENT # 387956 AND FILED IN Plt Cab B Pg 143

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J. Campbell

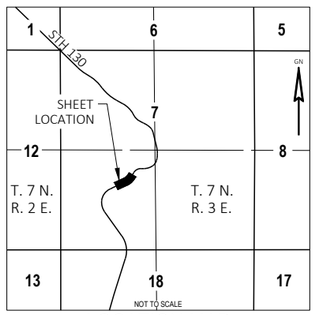
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.05

4



GN

SCALE, FEET
0 20 40



LOCATION MAP

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
500-501	S11° 05' 42"W	34.99'
501-502	S66° 13' 42"W	25.00'
502-503	N51° 59' 04"W	31.73'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
6	DONALD & DEBORAH COULTHARD	HE	1203

Batterman

I, KRISTIN J. BELONGIA, 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
KRISTIN J. BELONGIA
S-2943
ELKHORN
WIS.
LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 8/5/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 8/5/2024
PRINT NAME: EMILY HEMLING

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 8/5/2024
PLOT DATE : 7/8/2024 9:20 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-02-20 - 4.05

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.06

THAT PART OF THE NE 1/4 OF THE SW 1/4 OF SECTION 7, TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
6	DONALD & DEBORAH COULTHARD	HE	2,762
7	MICHAEL R ZIMMER	HE	998

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE: EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

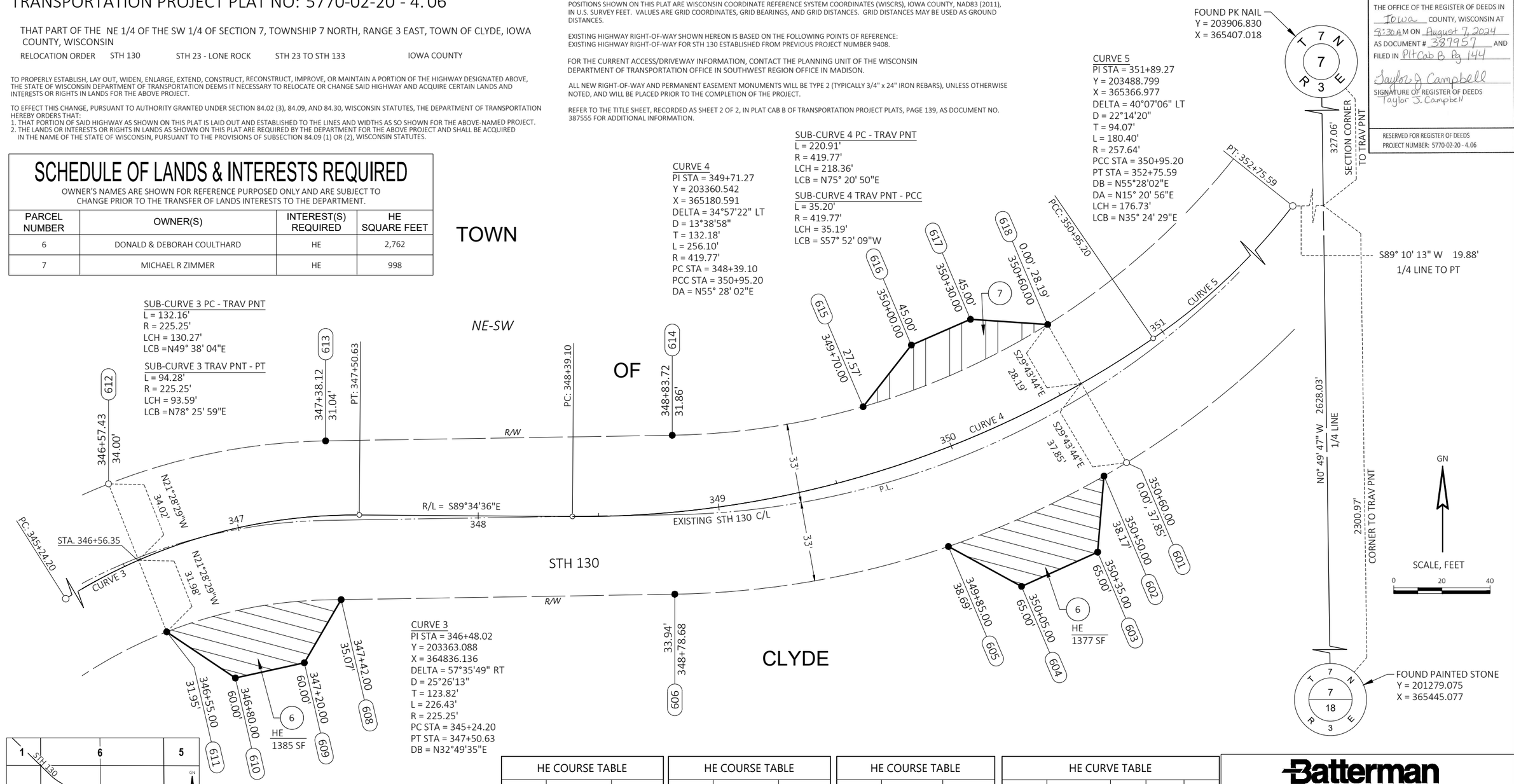
ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" x 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

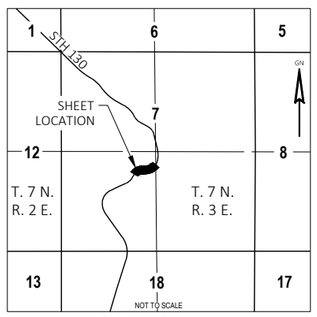
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 9:30A M ON August 7, 2024 AS DOCUMENT # 387957 AND FILED IN Plt Cab B Pg 144

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J. Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.06





LOCATION MAP

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
601-602	SEE CURVE TABLE	
602-603	S04° 46' 41"W	31.68'
603-604	S65° 43' 52"W	34.64'
604-605	N61° 21' 48"W	34.59'
605-606	SEE CURVE TABLE	
606-608	S89° 04' 00"W	138.51'
608-609	S30° 17' 51"W	30.35'

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
609-610	S77° 32' 41"W	29.31'
610-611	N56° 06' 10"W	34.35'
612-613	SEE CURVE TABLE	
613-614	N89° 04' 00"E	143.89'
614-615	SEE CURVE TABLE	
615-616	N38° 04' 16"E	32.47'
616-617	N66° 24' 49"E	26.78'

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
617-618	S86° 08' 43"E	32.12'

HE CURVE TABLE				
COURSE	LCB	LCH	R	L
601-602	S59° 18' 31"W	10.91'	370.10'	10.91'
605-606	S80° 06' 18"W	115.30'	370.10'	115.78'
612-613	N78° 47' 45"E	91.90'	257.70'	92.39'
614-615	N81° 29' 41"E	80.14'	304.10'	80.38'

Batterman

I, KRISTIN J. BELONGIA, 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 KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 8/5/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 8/5/2024
PRINT NAME: EMILY HEMLING

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 8/5/2024
PLOT DATE : 7/17/2024 4:21 PM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-02-20 - 4.06

388167

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.07

THAT PART OF THE SE 1/4 OF THE NW 1/4 OF SECTION 7, TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

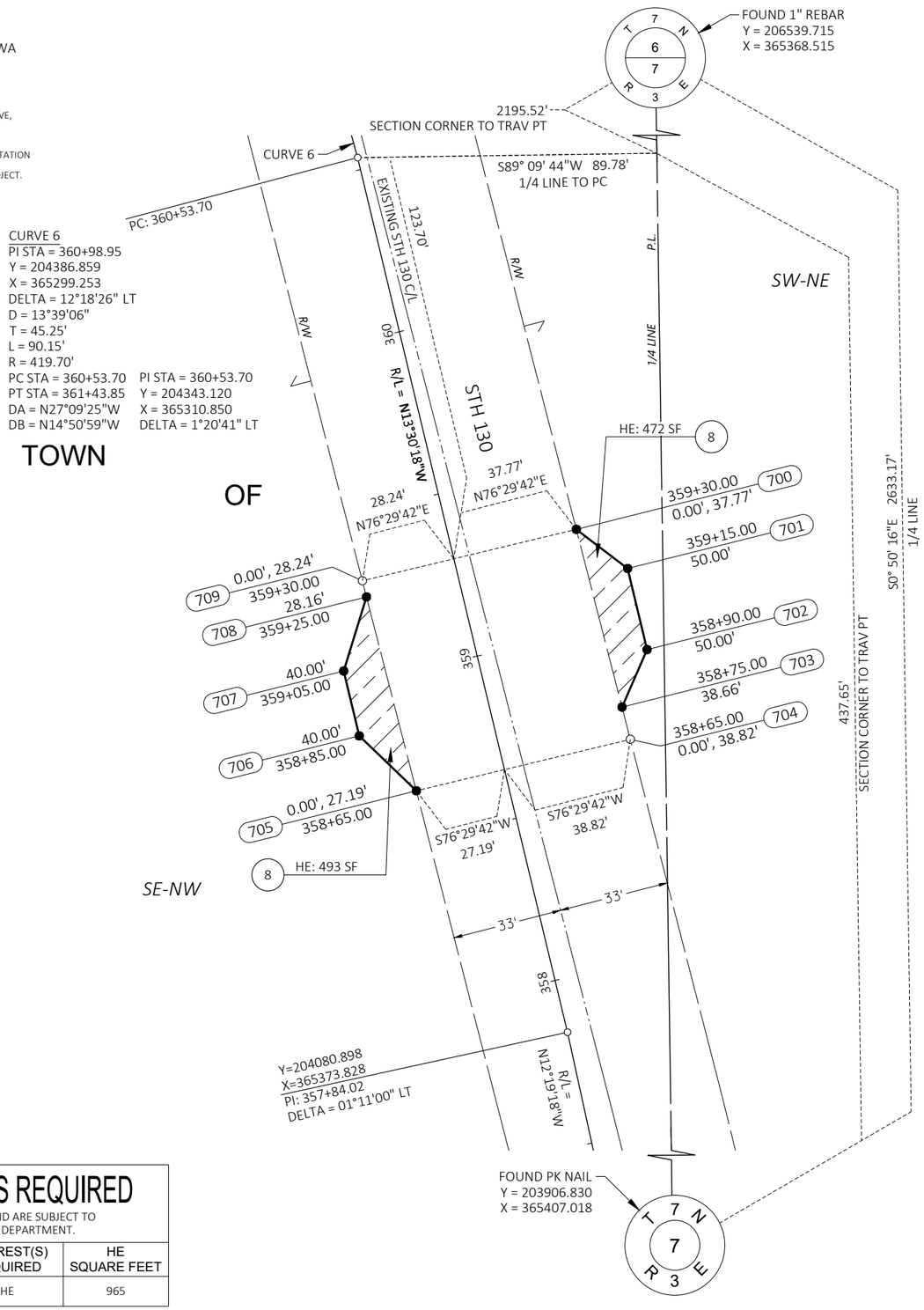
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408.

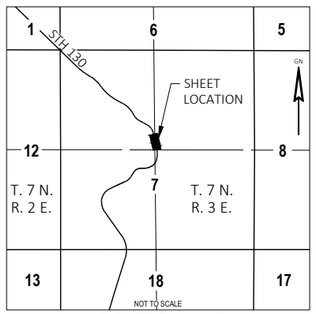
FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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 THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.



HE COURSE TABLE		
COURSE	BEARING	DISTANCE
700-701	S52° 42' 15"E	19.36'
701-702	S13° 30' 18"E	25.00'
702-703	S23° 35' 22"W	18.81'
703-704	S14° 26' 00"E	10.00'
705-706	N46° 08' 50"W	23.75'
706-707	N13° 30' 18"W	20.00'
707-708	N17° 07' 07"E	23.24'
708-709	N14° 26' 00"W	5.00'



LOCATION MAP

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
8	CHAD M COULTHARD & CHERYL L CONNERY & LIFE ESTATE OF DONALD L COULTHARD	HE	965

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON August 28, 2024 AS DOCUMENT # 388167 AND FILED IN Plat Cab B Pg 147

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.07

GN

SCALE, FEET
0 20 40

Batterman

I, KRISTIN J. BELONGIA, 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 KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 8/26/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 8/26/2024
PRINT NAME: EMILY HEMLING

368168

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.08

THAT PART OF THE SE 1/4 OF THE NW 1/4 OF SECTION 1, TOWNSHIP 7 NORTH, RANGE 2 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408 AND PLAT OF SURVEY BY BOWDEN SURVEYING, LTD DATED MARCH 27, 1998 AND APRIL 2, 1998.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

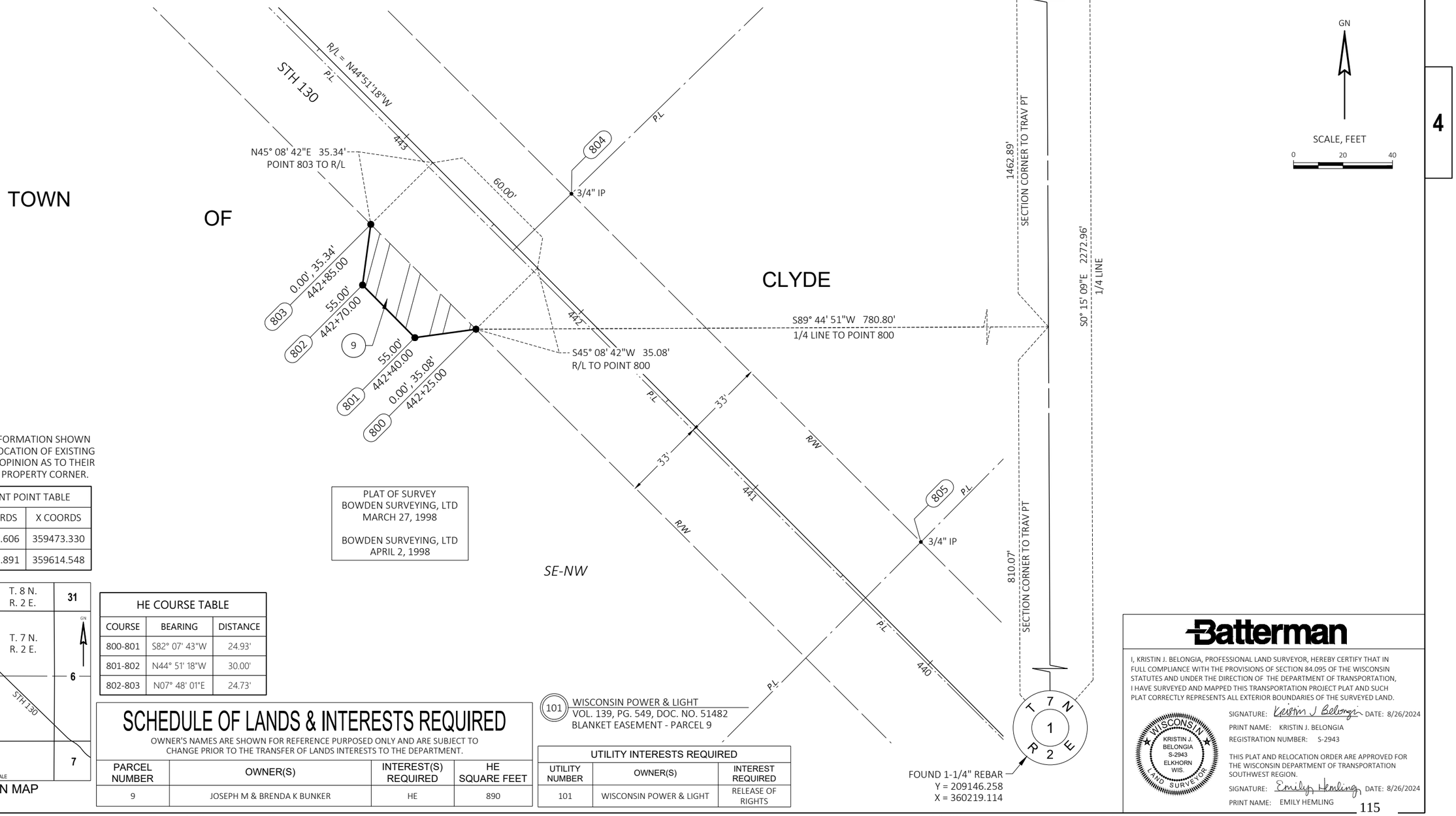
ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" x 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON August 28 2024 AS DOCUMENT # 388168 AND FILED IN Plat Cab B Pg 148

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.08



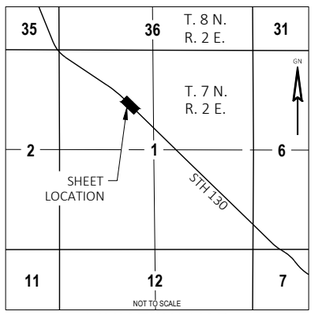
PLAT OF SURVEY
BOWDEN SURVEYING, LTD
MARCH 27, 1998

BOWDEN SURVEYING, LTD
APRIL 2, 1998

SE-NW

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

EXISTING MONUMENT POINT TABLE		
POINT NAME	Y COORDS	X COORDS
804	210007.606	359473.330
805	209866.891	359614.548



LOCATION MAP

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
800-801	S82° 07' 43"W	24.93'
801-802	N44° 51' 18"W	30.00'
802-803	N07° 48' 01"E	24.73'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
9	JOSEPH M & BRENDA K BUNKER	HE	890

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
101	WISCONSIN POWER & LIGHT	RELEASE OF RIGHTS

Batterman

I, KRISTIN J. BELONGIA, 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: Kristin J Belongia DATE: 8/26/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 8/26/2024
PRINT NAME: EMILY HEMLING

WISCONSIN KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 8/26/2024
PLOT DATE : 8/26/2024 11:47 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-00-20 - 4.08

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.09

THAT PART OF THE NW 1/4 OF THE NE 1/4 AND PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 35, TOWNSHIP 8 NORTH, RANGE 2 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408.

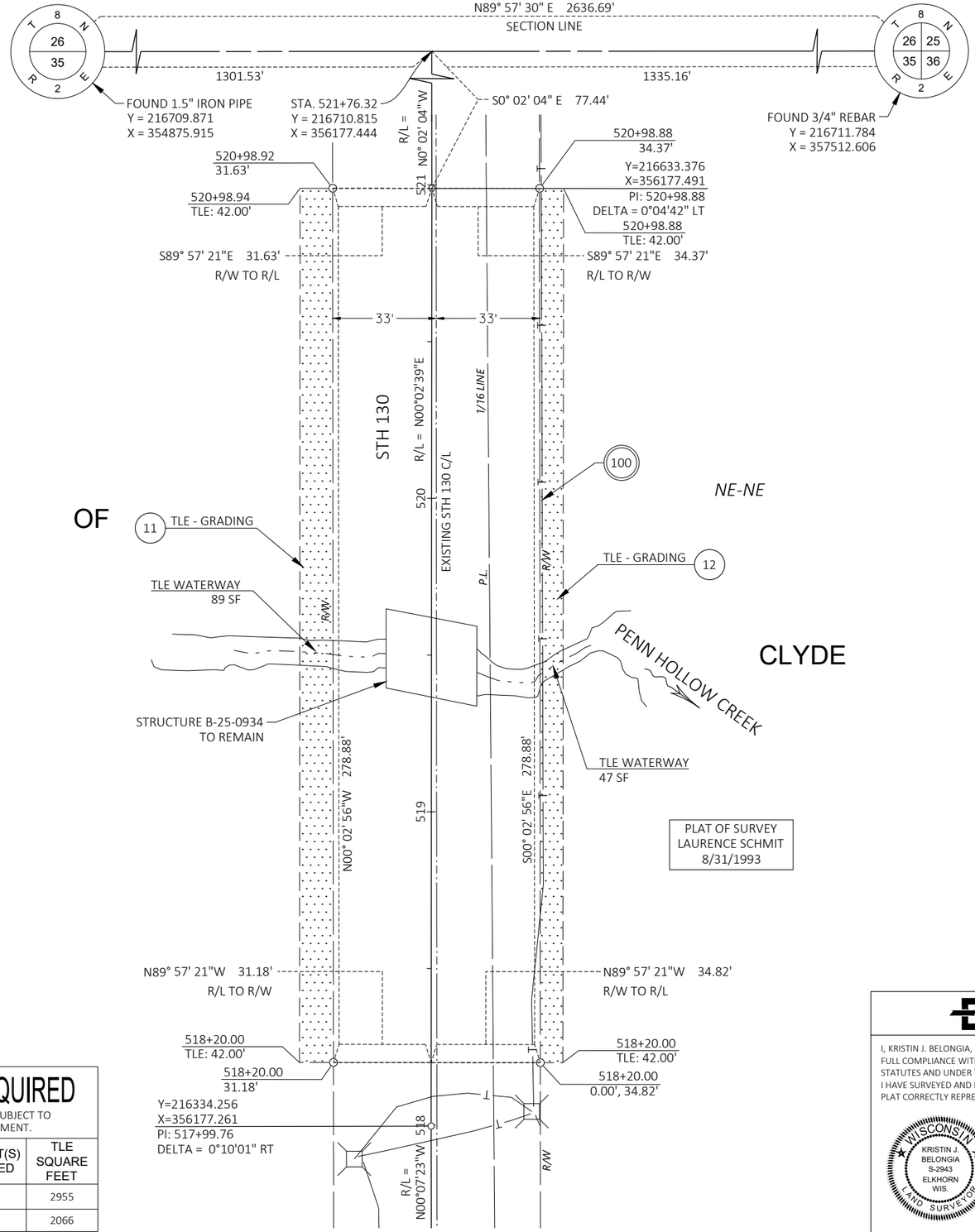
FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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 THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
100	FRONTIER COMMUNICATIONS	RELEASE OF RIGHTS

(100) FRONTIER COMMUNICATIONS
(GENERAL TELEPHONE COMPANY)
BLANKET EASEMENT - VOL. 298, PG. 350, DOC. NO. 122584 - PARCEL 11
VOL. 257, PG. 228, DOC. NO. 108741 - PARCEL 12



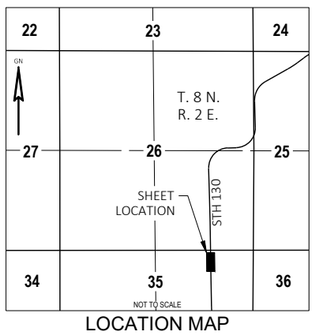
ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON August 28, 2024 AS DOCUMENT # 388169 AND FILED IN Plat Cab B Pg 149

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.09

GN

SCALE, FEET
0 20 40



LOCATION MAP

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	TLE SQUARE FEET
11	ORTH CONSTRUCTION COMPANY	TLE	2955
12	NICHOLAS E ZIMMER & GARY F & ROSEMARY ZIMMER	TLE	2066

Batterman

I, KRISTIN J. BELONGIA, 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 KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 8/26/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 8/26/2024
PRINT NAME: EMILY HEMLING

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG
APPRAISAL PLAT DATE : 8/26/2024
PLOT DATE : 8/26/2024 11:42 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)

5770-00-20 - 4.09

388170

TRANSPORTATION PROJECT PLAT NO: 5770-02-20 - 4.10

THAT PART OF THE SE 1/4 OF THE SW 1/4 OF SECTION 24, TOWNSHIP 8 NORTH, RANGE 2 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK STH 23 TO STH 133 IOWA COUNTY

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.

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UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
100	FRONTIER COMMUNICATIONS	RELEASE OF RIGHTS

(100) FRONTIER COMMUNICATIONS
(GENERAL TELEPHONE COMPANY)
VOL. 257, PG. 225, DOC. NO. 108738
BLANKET EASEMENT - PARCEL 13

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408.

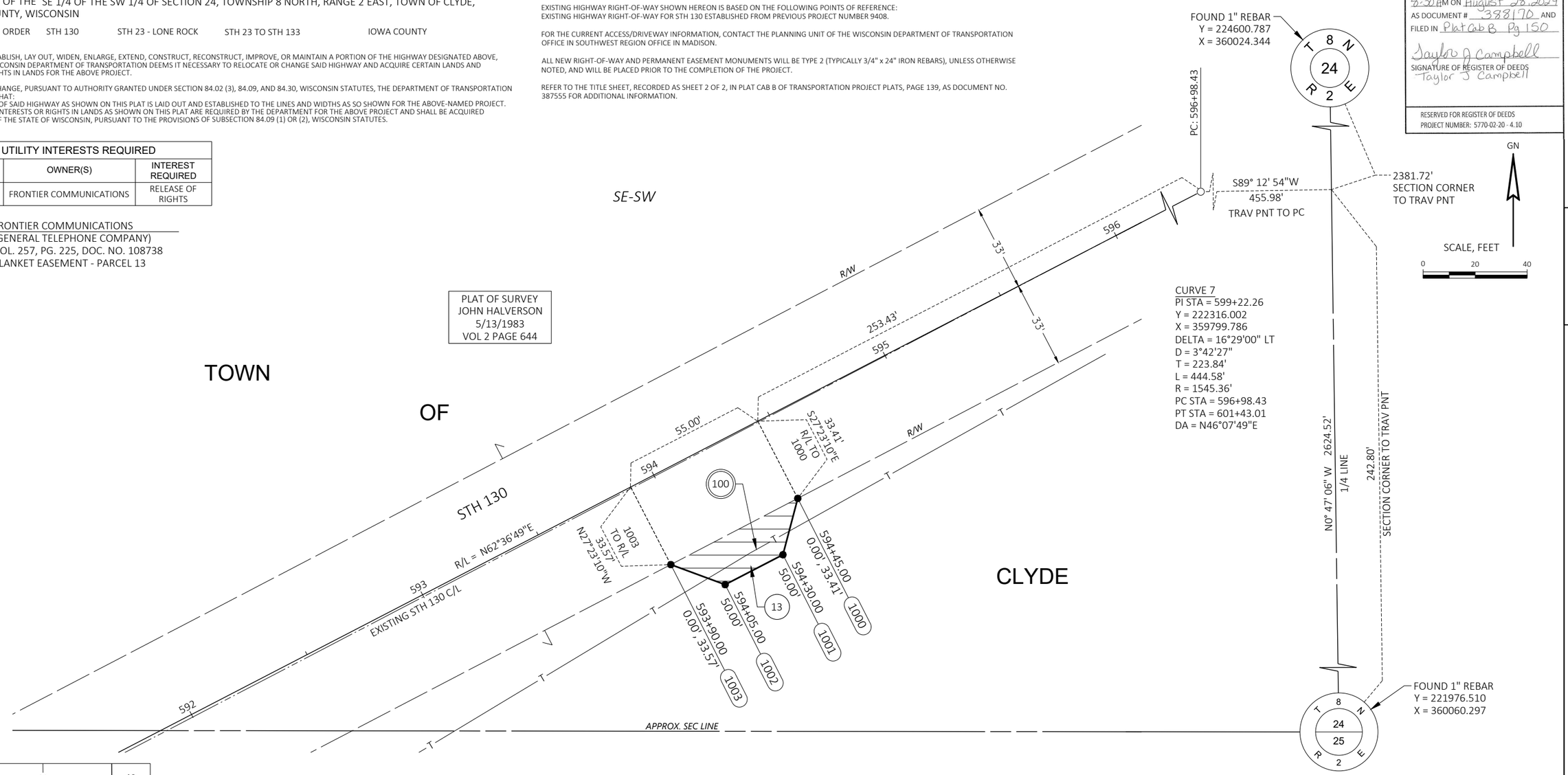
FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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 THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 139, AS DOCUMENT NO. 387555 FOR ADDITIONAL INFORMATION.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON August 28, 2024 AS DOCUMENT # 388170 AND FILED IN Plat Cab B Pg 150
Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-20 - 4.10



LOCATION MAP

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	HE SQUARE FEET
13	WARREN J PORTER	HE	660

HE COURSE TABLE		
COURSE	BEARING	DISTANCE
1000-1001	S14° 44' 25"W	22.36'
1001-1002	S62° 36' 49"W	25.00'
1002-1003	N69° 46' 29"W	22.25'

Batterman

I, KRISTIN J. BELONGIA, 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 KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 8/26/2024
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.
SIGNATURE: Emily Hemling DATE: 8/26/2024
PRINT NAME: EMILY HEMLING

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700200_040102-RP.DWG PLOT DATE : 8/26/2024 11:44 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:40 FT (11x17)
APPRAISAL PLAT DATE : 8/26/2024

5770-00-20 - 4.10

Standard Detail Drawing List

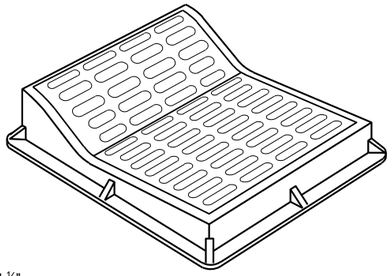
08A05-22C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ AND HM-GJ-S
08A05-22D	INLET COVERS TYPE V, V-B, AND VV-B
08D01-24A	CONCRETE CURB AND GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-23A	CURB RAMPS TYPES 1 AND 1-A
08D05-23B	CURB RAMPS TYPES 2 AND 3
08D05-23C	CURB RAMPS TYPES 4A AND 4A1
08D05-23D	CURB RAMPS TYPES 4B AND 4B1
08D05-23E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-23F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD
08D05-23G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPES A, B, C AND D
09A11-01	DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y
13C09-18A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-18B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-18C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-18D	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C19-03	HMA LONGITUDINAL JOINTS
15C02-10A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-10B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-10C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C02-10F	ADVANCED WIDTH RESTRICTION SIGNING
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C07-16C	PAVEMENT MARKING ARROWS
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24C	PAVEMENT MARKING (TURN LANES)
15C08-24D	PAVEMENT MARKING (TURN LANES)
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C36-01	PARKING STALL MARKING
15D28-06	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-12A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-12L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

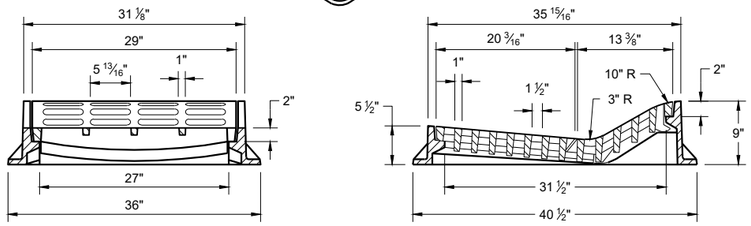
6

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

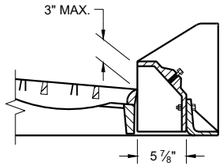
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





TYPE "F"

USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"

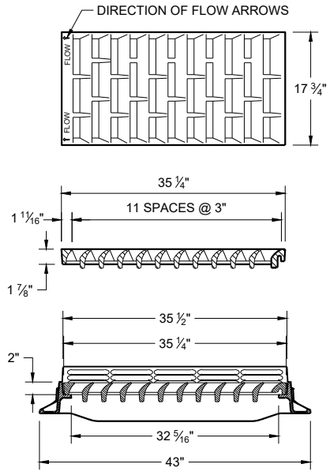


ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

USE WITH TYPES "G" AND "J" CONCRETE CURB AND GUTTER, 30 INCH
NOTED AS TYP "HM-GJ" ON DRAINAGE TABLE

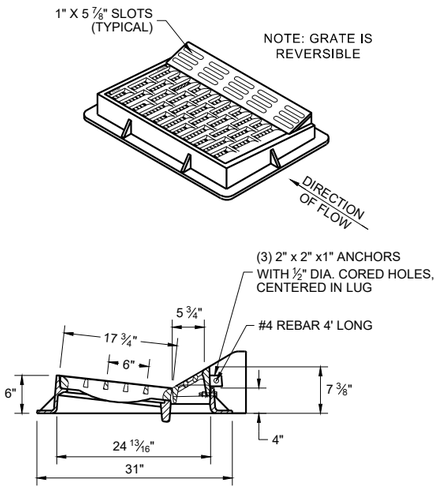
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.



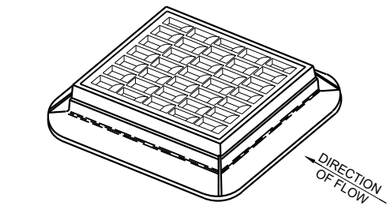
TYPE "HM"

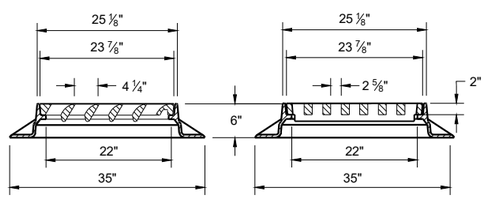
USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"



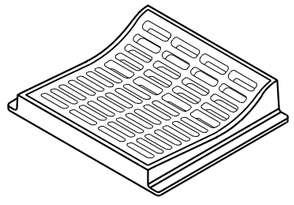
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

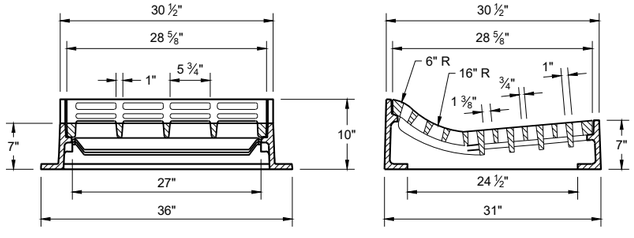
NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.





TYPE "S"





TYPE "T"

USE WITH TYPES "R" AND "T" CONCRETE CURB AND GUTTER, 36"

INLET COVERS
TYPES F, HM, HM-S, S, T, HM-GJ AND HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

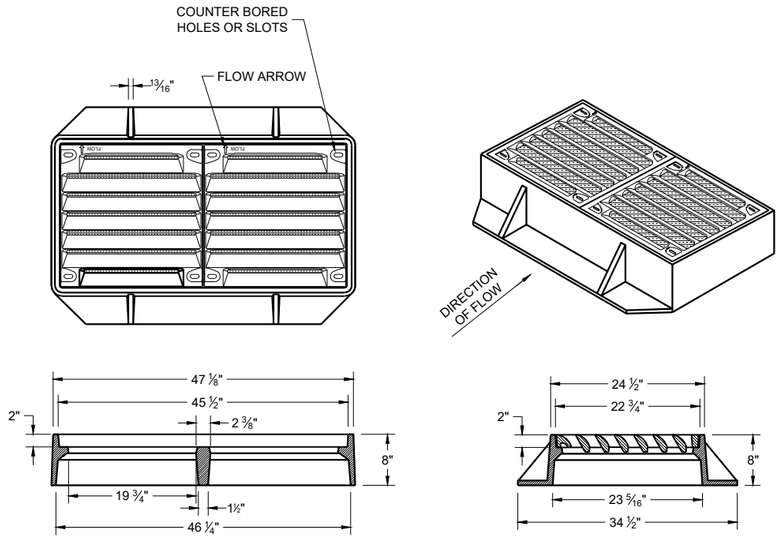
FHWA

6
SDD 08A05-22c

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

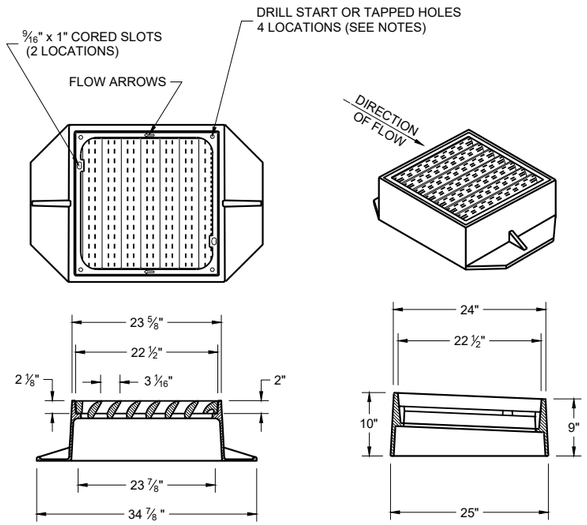
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



TYPE "VV-B"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER
ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

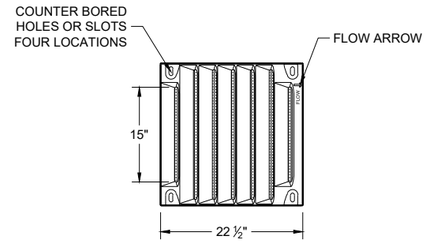
TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 35B
⅜" DIA. X 1/16" DRILL START IN 8 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



TYPE "V"

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER ALL DRILLING AND TAPPING GRATES AND FRAMES BY CASTING MANUFACTURER

TYPE V
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A
⅜" DIA. X 1/16" DRILL START IN 4 LOCATIONS
GRATE - CAST GRAY IRON ASTM A-48, CLASS 35B



BOLT DOWN GRATE FOR TYPE "V" AND "VV-B" COVER

NOTES: ALL HARDWARE TO BE SUPPLIED BY CASTING MANUFACTURER NOTED AS TYPE "V-B" OR "VV-B" (FOR DOUBLE GRATE) ON DRAINAGE TABLE

TAP ½" -13 HOLES IN FOUR LOCATIONS PER GRATE IN FRAME TO BOLT GRATE(S).
FRAME - CAST GRAY IRON ASTM A48 CLASS 40A

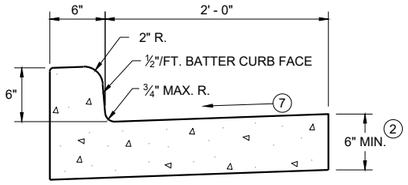
GRATE - CAST DUCTILE IRON ASTM A536, 55+KSI YIELD
BOLTS - ½" -13 STAINLESS STEEL BOLTS WITH WASHERS
TORQUE BOLTS TO MANUFACTURER SPECIFICATION DO NOT OVERTIGHTEN.

INLET COVERS
TYPES V, V-B, AND VV-B

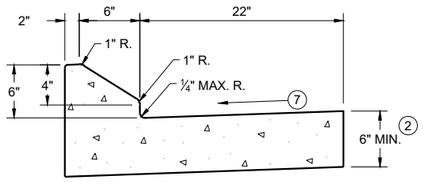
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

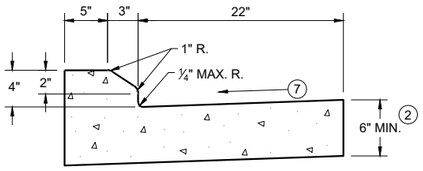
6
SDD 08A05-22d



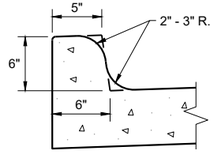
TYPES A (1) & D



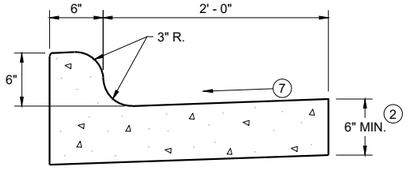
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

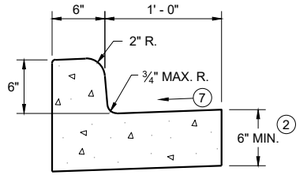


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



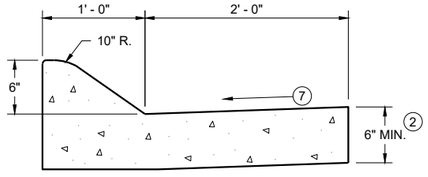
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

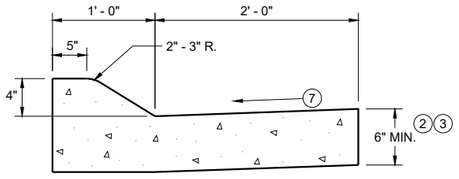


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

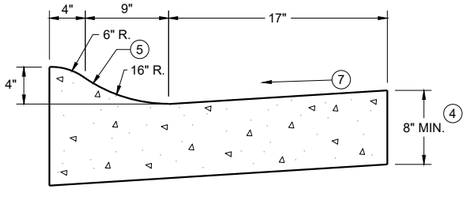


6" SLOPED CURB TYPES A (1) & D



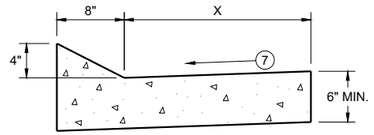
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

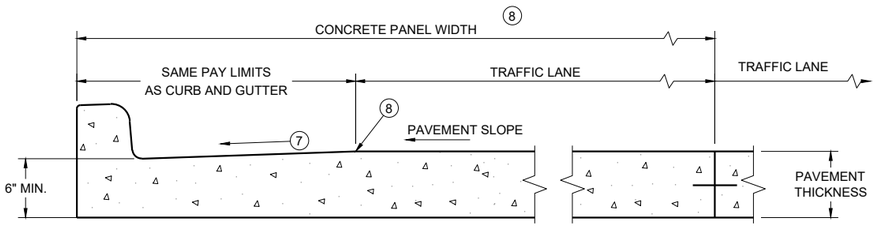


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

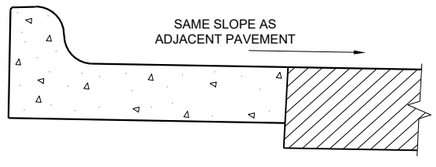
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

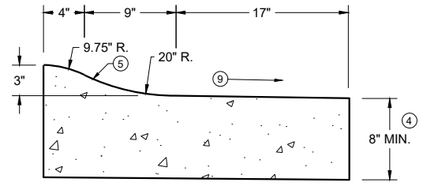
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

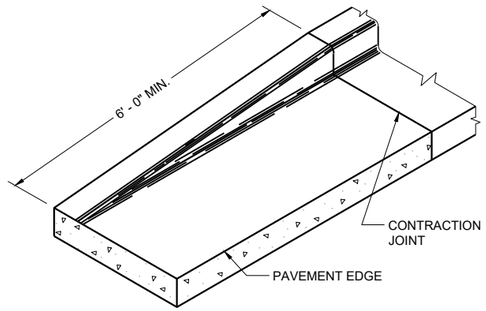
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



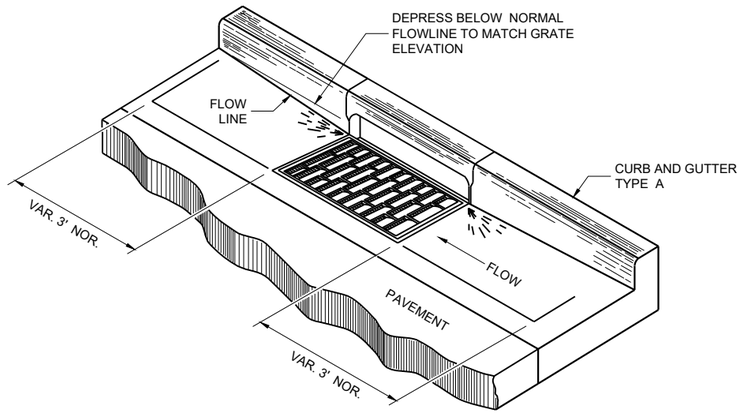
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

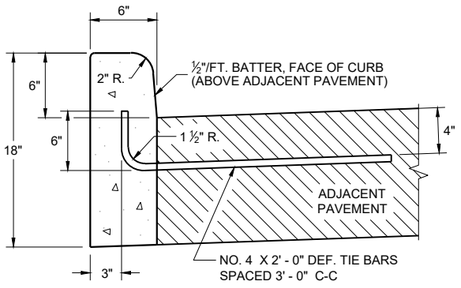
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

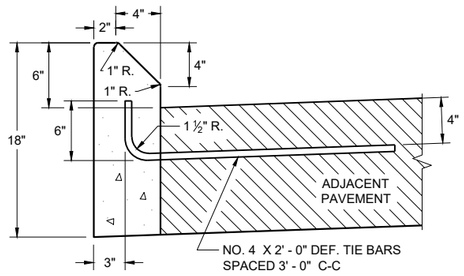
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

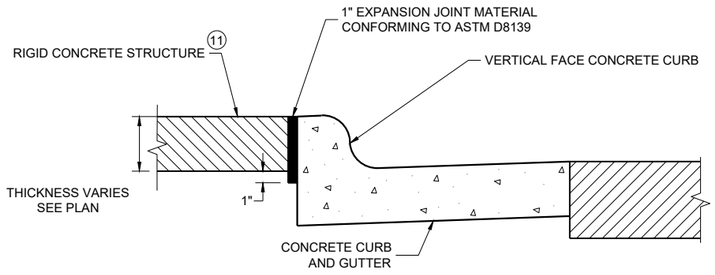


TYPES A (1) & D

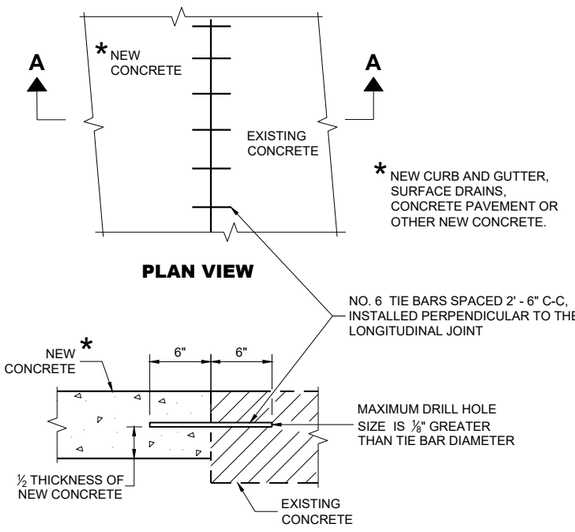


TYPES G (1) & J

CONCRETE CURB



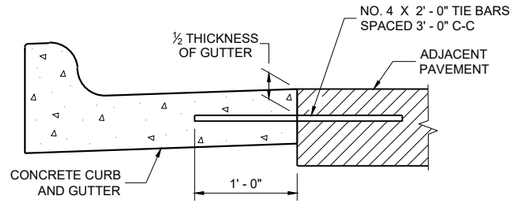
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



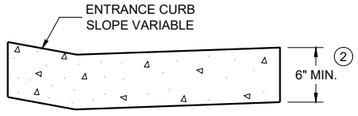
PLAN VIEW

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

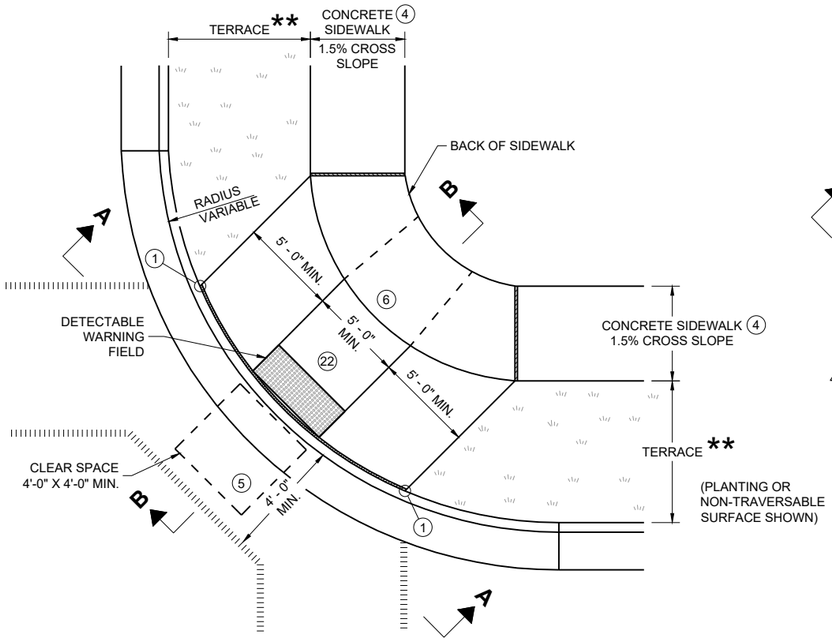
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

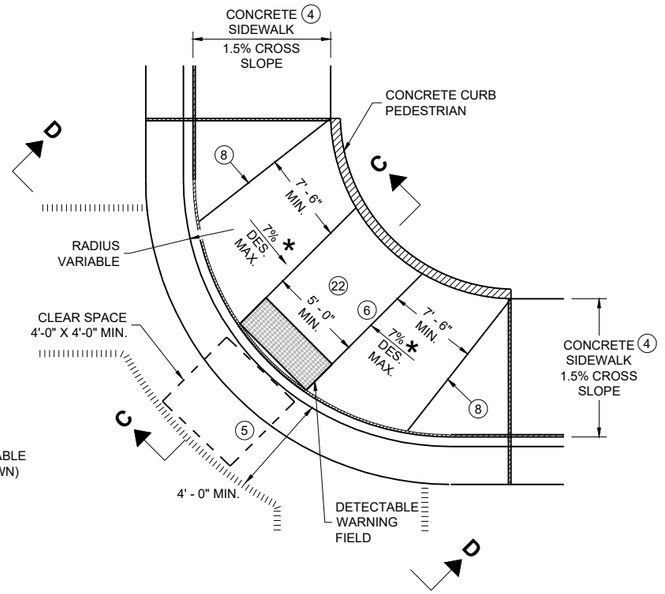
SDD 08D01-24b



PLAN VIEW

CURB RAMP TYPE 1

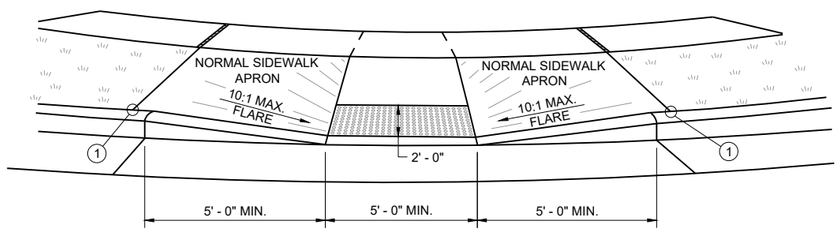
(CENTER OF CORNER RADIUS)



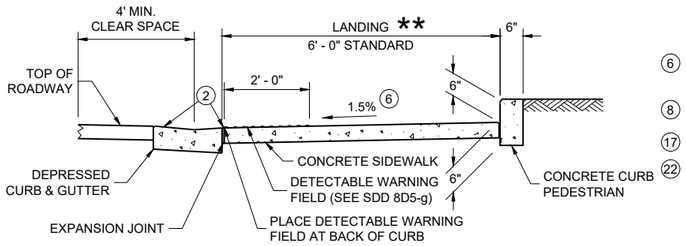
PLAN VIEW

CURB RAMP TYPE 1 - A

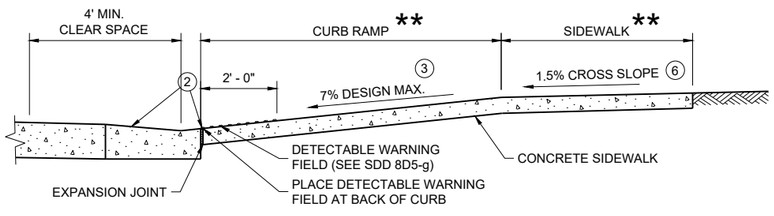
(NO TERRACE)



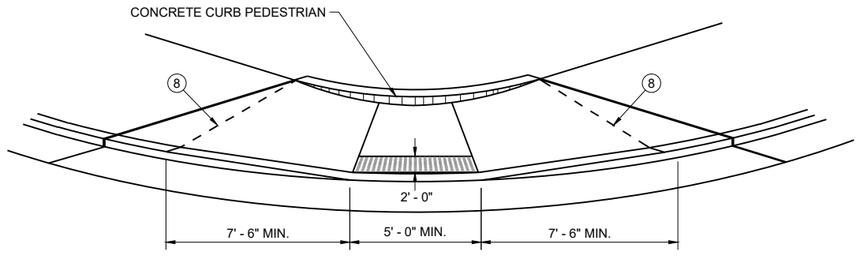
VIEW A - A FOR TYPE 1



SECTION C - C FOR TYPE 1 - A



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE CURB RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF CURB RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE CURB RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A CLEAR SPACE IN THE STREET AND GUTTER AREA. WHEN THE GUTTER CROSS SLOPE EXCEEDS 2.1%, CONSTRUCT THE CLEAR SPACE IN THE STREET AREA AND THE 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE. FOR RECONSTRUCTION AND MODERNIZATION PROJECTS THE CLEAR SPACE SLOPE PARALLEL TO THE CURBLINE SHOULD BE 2.1% MAX FOR CROSSINGS THAT ARE STOP AND YIELD CONTROLLED, AND 5% MAX FOR THOSE THAT ARE SIGNAL CONTROLLED. FOR PERPETUATION AND REHABILITATION PROJECTS THE SLOPE OF THE CLEAR SPACE PARALLEL TO THE CURBLINE WILL MATCH THE ROADWAY LONGITUDINAL SLOPE. THE SLOPE OF THE CLEAR SPACE PERPENDICULAR TO THE CURBLINE WILL MATCH THE ROADWAY CROSS SLOPE BUT SHOULD NOT EXCEED 5% UNLESS THE ROADWAY IS SUPERELEVATED (WHEN SUPERELEVATED THE ROADWAY CROSS SLOPE SHOULD MATCH THE SUPERELEVATION).

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

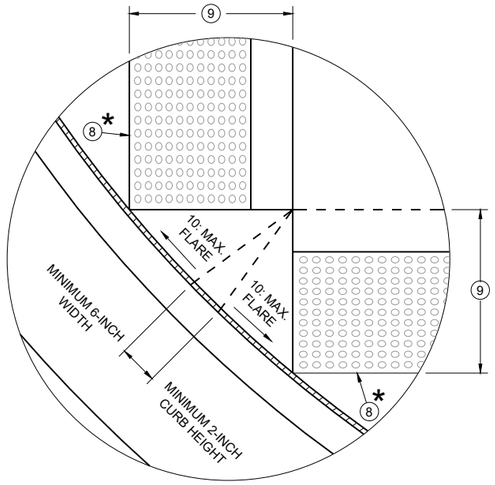
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

LEGEND

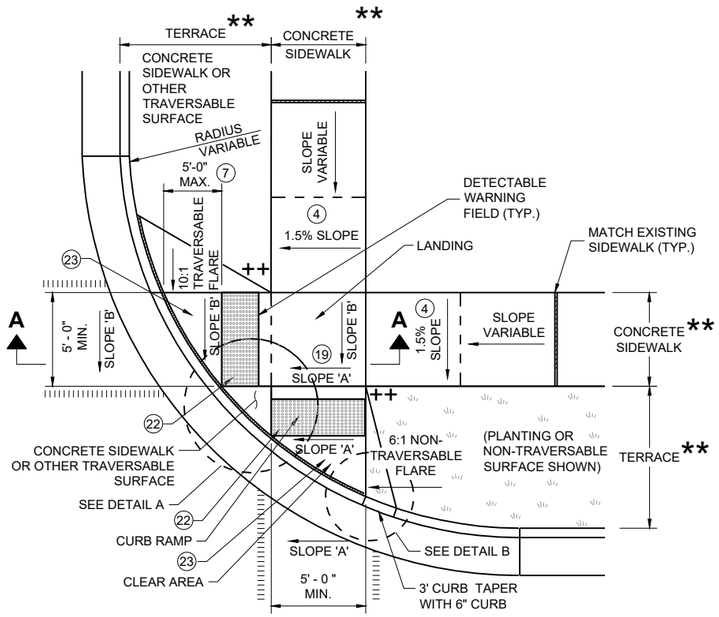
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 8.3%
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS

CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



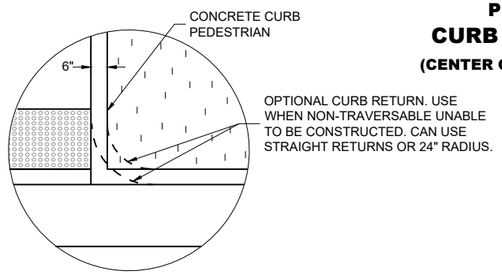
DETAIL A



PLAN VIEW

CURB RAMP TYPE 2

(CENTER OF CORNER RADIUS)

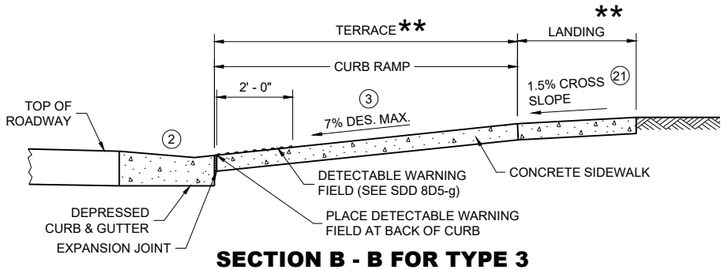


DETAIL B

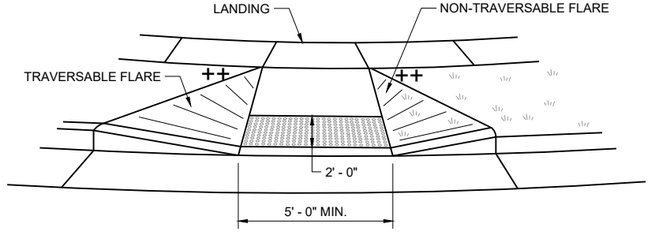
PLAN VIEW

CURB RAMP TYPE 3

(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3



VIEW C - C FOR TYPE 3

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% DESIGN MAXIMUM SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% DESIGN MAXIMUM SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

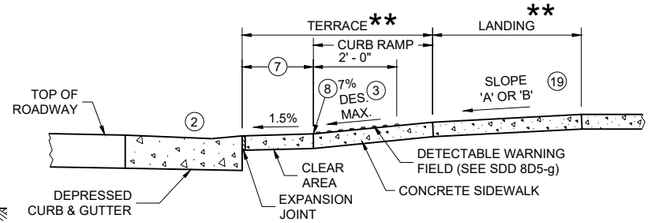
(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(21) PROVIDE A LANDING WITH A SLOPE PARALLEL TO ROADWAY THAT MATCHES SLOPE AT THE BOTTOM OF THE ADJACENT RAMP. SLOPE PERPENDICULAR TO ROADWAY SHALL BE 2.1% MAXIMUM. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



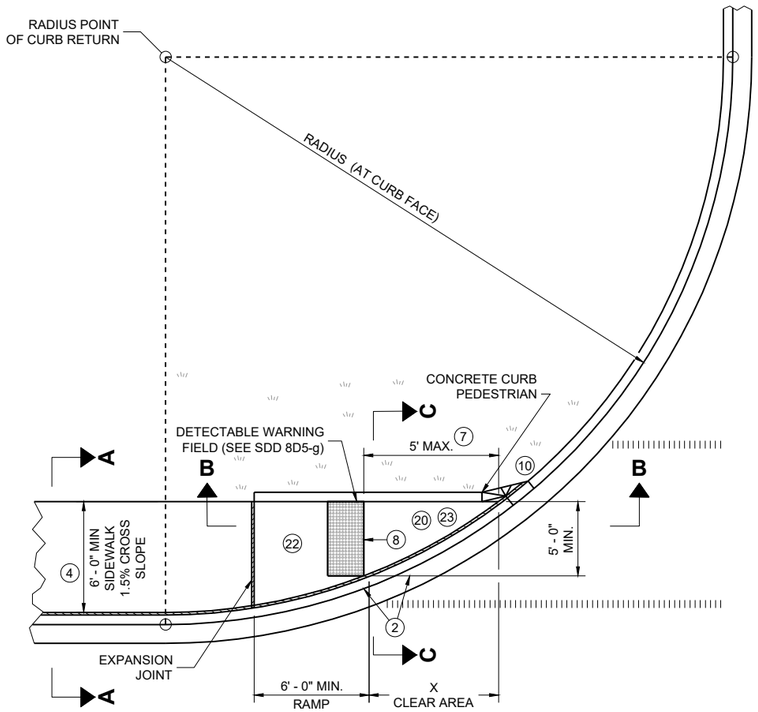
SECTION A - A FOR TYPE 2

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK
- ** WIDTH SHOWN ELSEWHERE IN THE PLANS
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

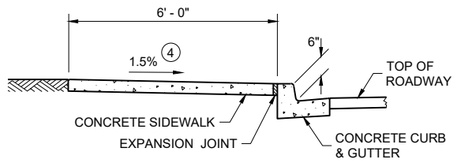
CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

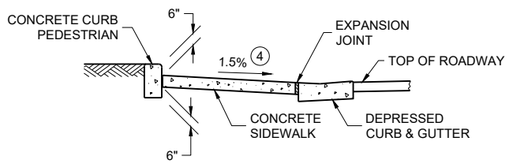


PLAN VIEW

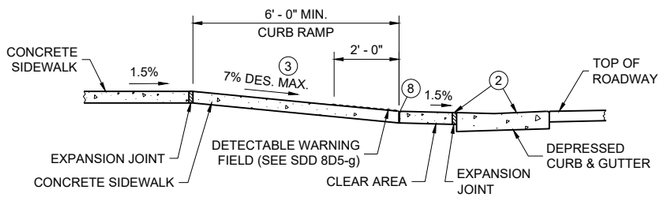
CURB RAMP TYPE 4A



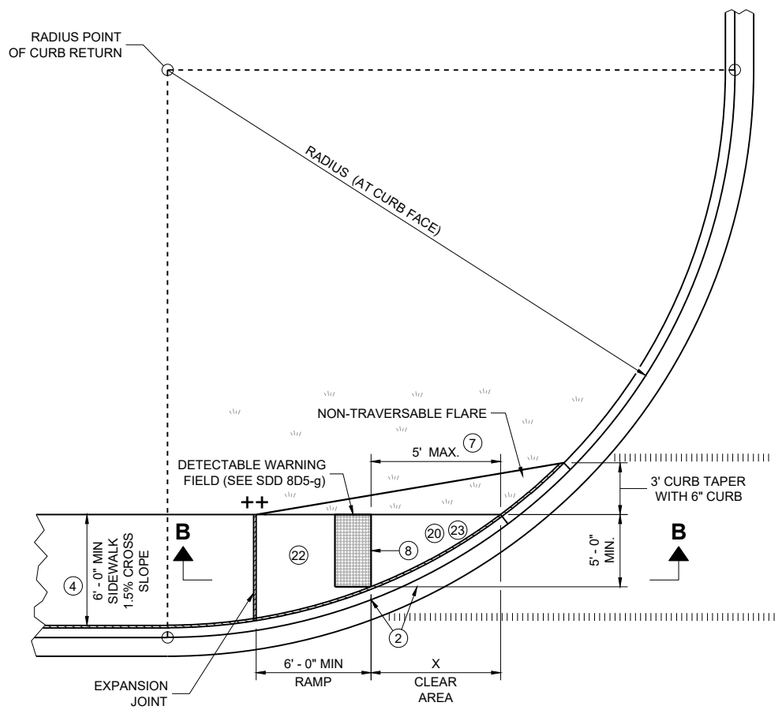
SECTION A - A FOR TYPE 4A



SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1



PLAN VIEW

CURB RAMP TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

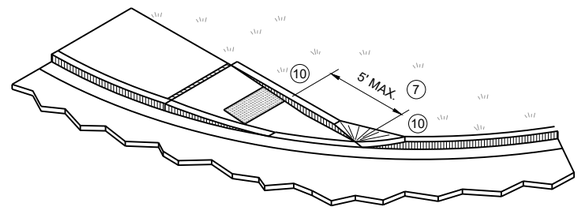
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

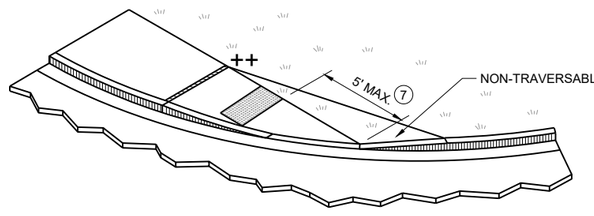
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



ISOMETRIC VIEW FOR TYPE 4A



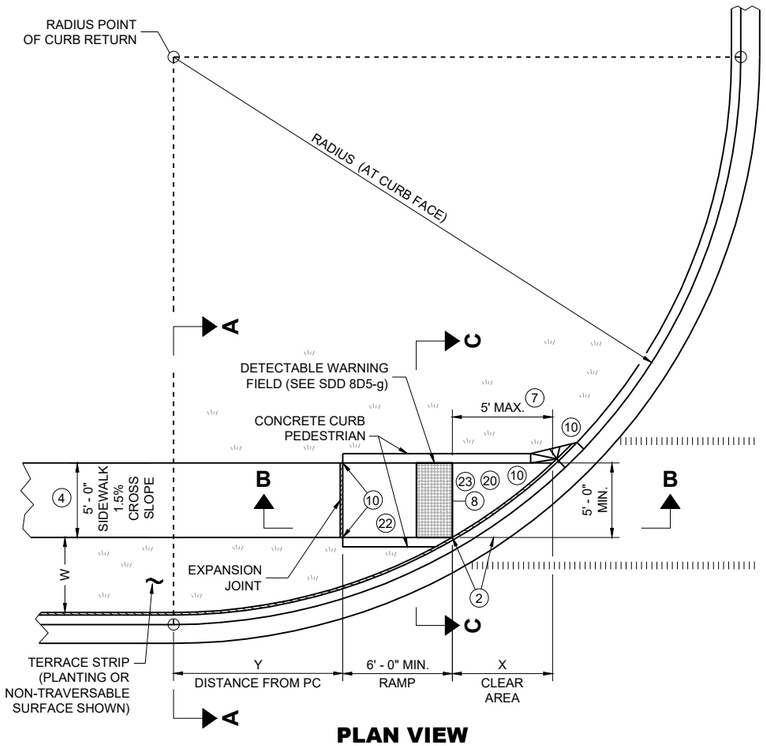
ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

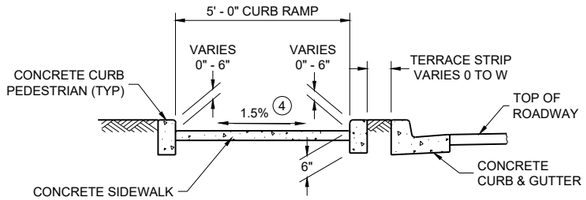
SDD 08D05-23c



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET			4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET									4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET															4' - 10 ¾"	19' - 8 ¼"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)
- * MAXIMUM 2.1% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK
- ++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

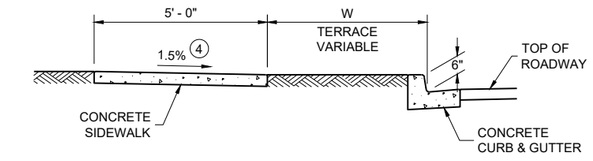
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

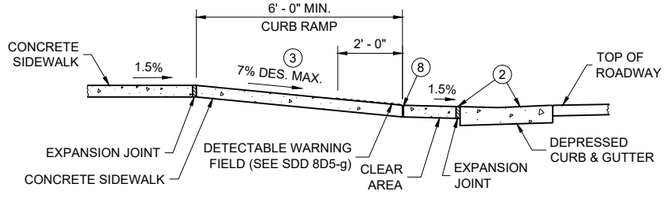
(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

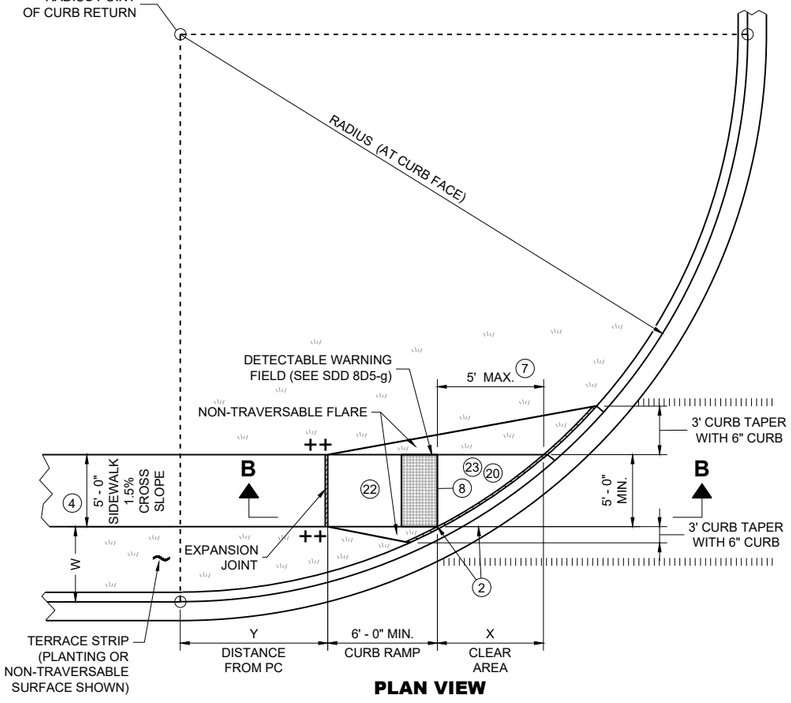
(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.



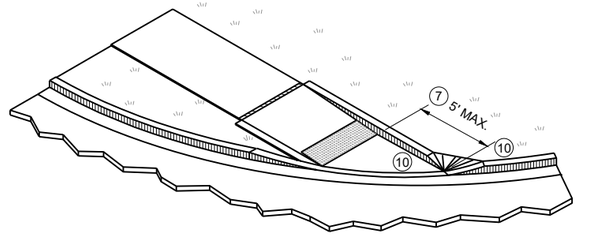
SECTION A - A FOR TYPE 4B



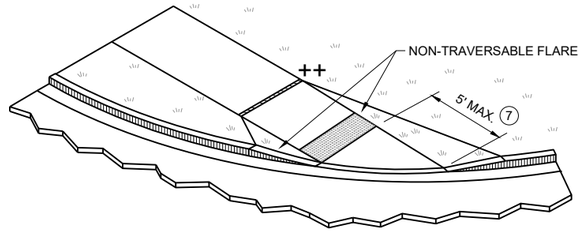
SECTION B - B FOR TYPE 4B AND TYPE 4B1



PLAN VIEW
CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



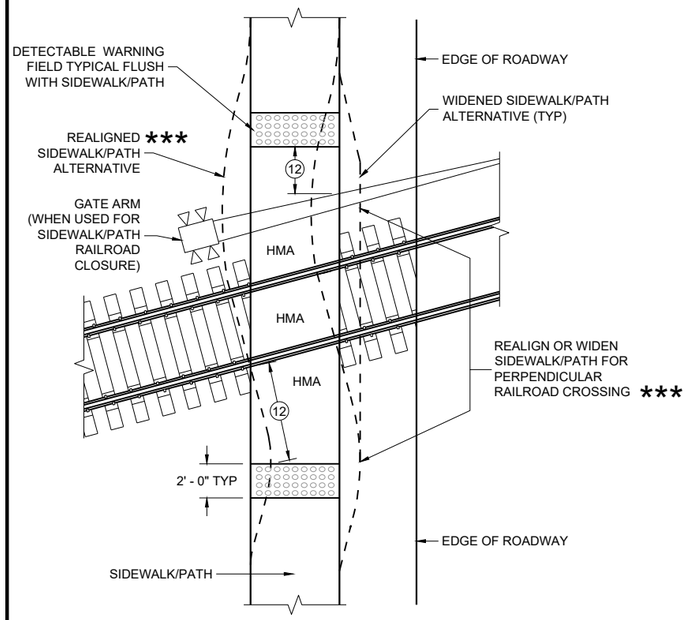
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS
TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

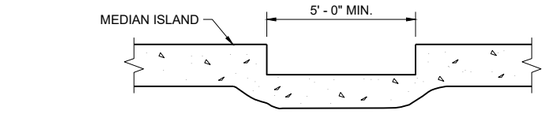
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SDD 08D05-23d

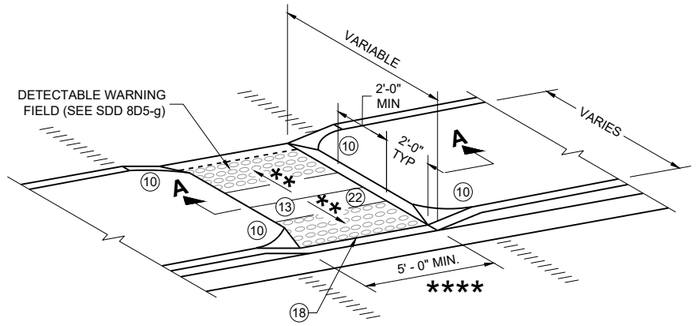


CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

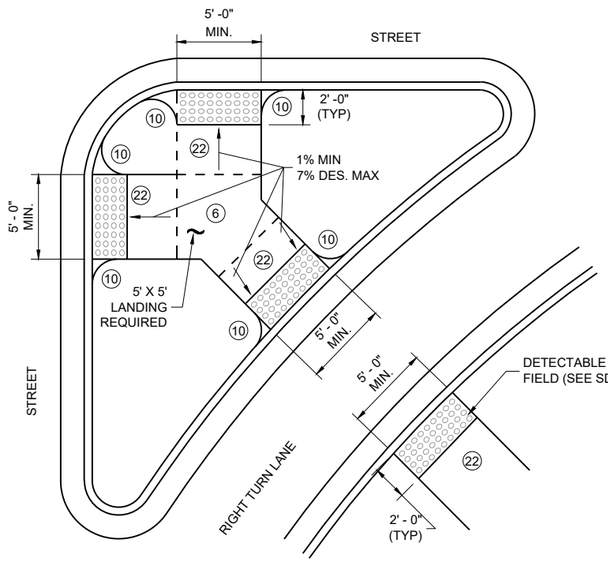
(12) THE DOWNSTREAM EDGE OF THE DETECTABLE WARNING SHOULD BE LOCATED AT LEAST 2 FEET UPSTREAM FROM THE AUTOMATIC GATE, COUNTERWEIGHT, FLASHING-LIGHT SIGNALS, OR CROSSBUCK ASSEMBLY SPECIFIC TO THE PATHWAY OR SIDEWALK (IF ANY ARE PRESENT) AND AT LEAST 12 FEET FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

(18) WHEN THE DISTANCE BETWEEN THE BACK OF CURBS IS LESS THAN 6 FEET BUT THE FACE OF CURB TO FACE OF CURB DISTANCE IS 6 FEET OR GREATER THEN THE DETECTABLE WARNING FIELDS MAY BE MOVED SO THAT THE EDGE OF THE WARNING FIELD IS PLACED AT THE GUTTER FLOWLINE. MAINTAIN A MINIMUM OF TWO FEET BETWEEN DETECTABLE WARNING FIELD PANELS.

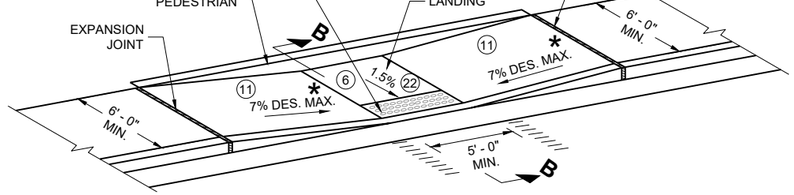
(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.



CURB RAMP TYPE 6

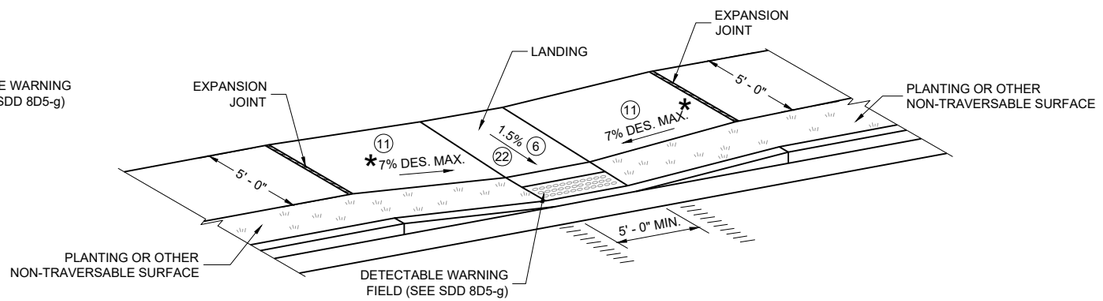
DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

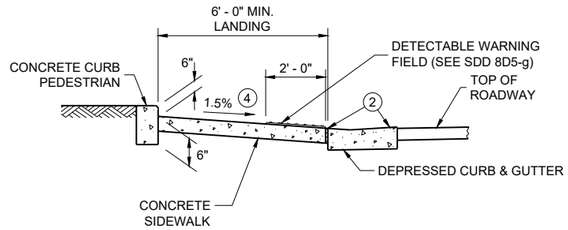


CURB RAMP TYPE 7B

FOR INTERSECTIONS AND MID BLOCK CROSSINGS

LEGEND

═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT FIELD LOCATED
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
*	MAXIMUM 8.3%
**	1% MINIMUM (PROVIDE DRAINAGE)
***	DETAILS TO BE DETERMINED BY ENGINEER
****	FOR SHARED USE PATHS, WIDTH MUST BE AS WIDE AS THE CROSSWALK

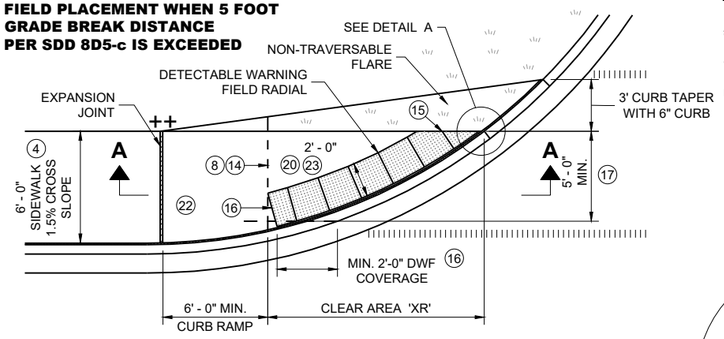


SECTION B - B FOR TYPE 7A

CURB RAMPS
TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

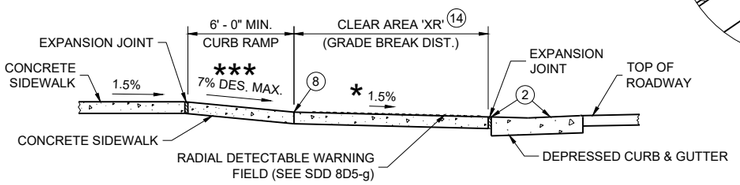
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

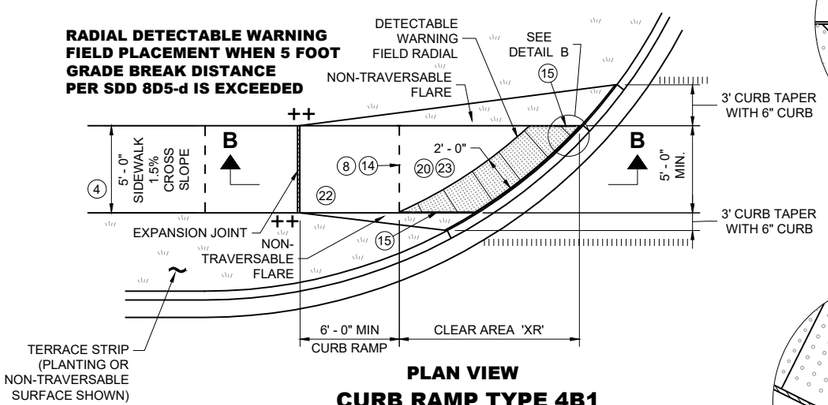
CURB RAMP TYPE 4A1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION A - A FOR TYPE 4A1

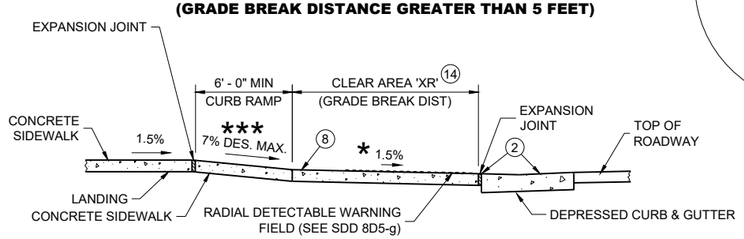
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4B1

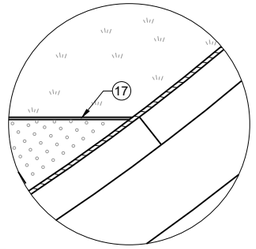
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



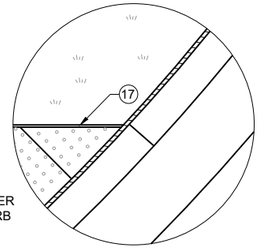
SECTION B - B FOR TYPE 4B1

LEGEND

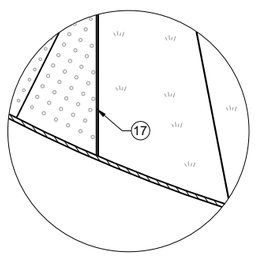
═══	½" EXPANSION JOINT SIDEWALK
– – – –	CONTRACTION JOINT SIDEWALK
ıı ıı ıı ıı	PAVEMENT MARKING CROSSWALK (WHITE)
**	WIDTH SHOWN ELSEWHERE IN THE PLANS
***	MAXIMUM 8.3%
++	CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL A



DETAIL B



DETAIL C

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF CURB RAMP ACCESS AREAS.

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER COUNTER SLOPE AND THE CURB RAMP SLOPE IS DESIRABLY 11% OR LESS AND SHALL NOT EXCEED 13.3%. TYPICAL GUTTER COUNTER SLOPE IS 4% BUT MAY BE MODIFIED TO FIT FIELD CONDITIONS. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5%, DESIRABLY 7% OR LESS, AND SHALL NOT EXCEED A MAXIMUM OF 8.3%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.3% CURB RAMP SLOPE IS ALLOWABLE WITH GUTTER COUNTER SLOPE OF 5% MAXIMUM AND A 13.3% MAXIMUM GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A 5 FOOT BY 5 FOOT LANDING. SLOPE PERPENDICULAR TO CURB SHALL BE 2.1% MAXIMUM. SLOPE PARALLEL TO CURB SHALL MATCH THE CURB AND GUTTER LONGITUDINAL SLOPE.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

(17) A MAXIMUM 2-INCH CONCRETE BORDER IS PERMITTED ALONG ALL SIDES OF THE DETECTABLE WARNING FIELD SURFACE.

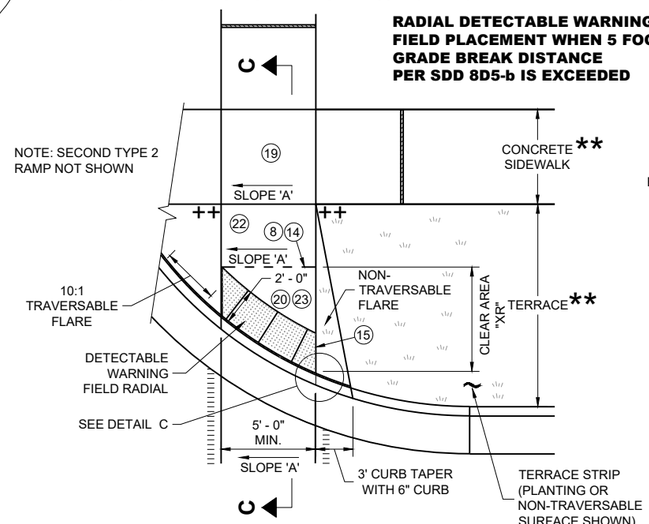
(19) WHERE A LANDING SERVES TWO CURB RAMPS, THE LANDING SLOPE SHALL NOT EXCEED THE CROSS SLOPE AT THE BOTTOM OF THE RAMP OR WITHIN THE CROSSWALK PARALLEL TO THE DIRECTION OF TRAVEL.

(20) MAXIMUM 1.5% DESIGN MAXIMUM AND 2.1% PROWAG MAXIMUM RUNNING SLOPE ON CLEAR AREA. CROSS SLOPE OF CLEAR AREA SHALL MATCH THE CROSS SLOPE OF THE ADJACENT CROSSWALK.

(22) THE ENTIRE RAMP SHALL BE A PLANAR SURFACE. DO NOT WARP THE RUNNING SLOPE OR CROSS SLOPE OF THE RAMP. WARPING OF THE SIDEWALK CROSS SLOPE SHALL TAKE PLACE BETWEEN THE LANDING AND MATCH POINT.

(23) THE CLEAR AREA BETWEEN THE BOTTOM OF RAMP AND BACK OF CURB SHALL BE SLOPED SO THAT WATER DRAINS OUT OF ONE SIDE OR BOTH SIDES OF THE CURB OPENING.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

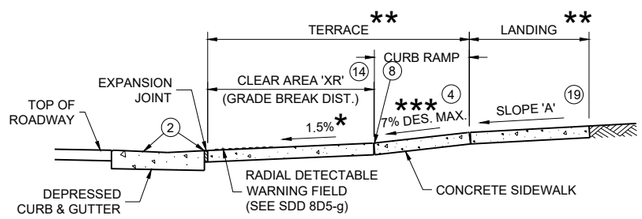


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)



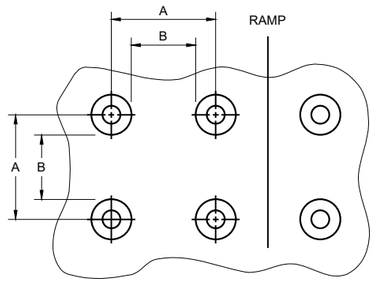
SECTION C - C FOR TYPE 2

CURB RAMPS RADIAL DETECTABLE WARNING

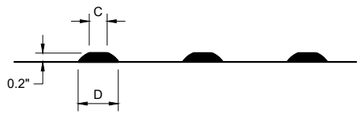
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DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

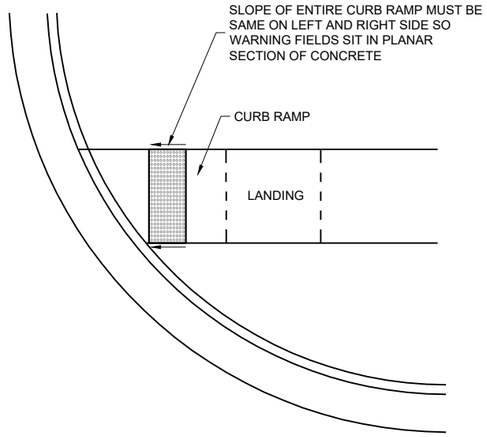
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

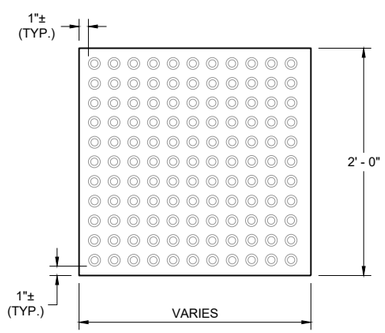
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

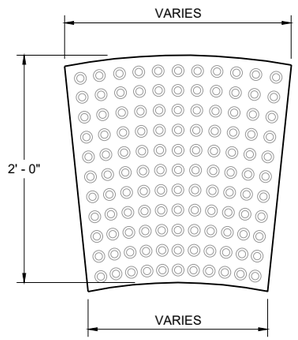
DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

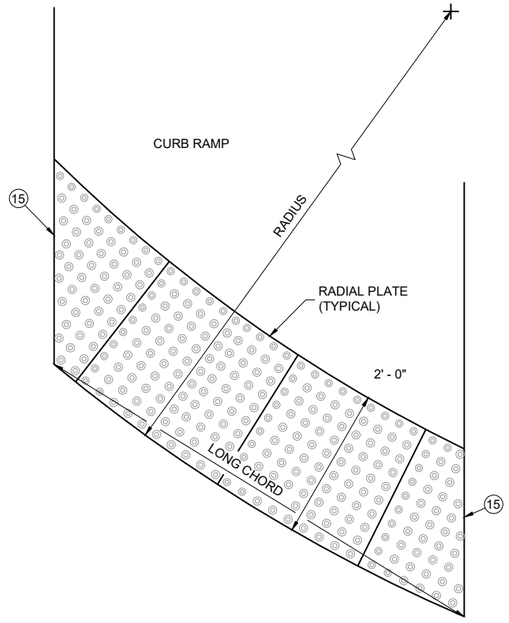


RECTANGULAR PLATES

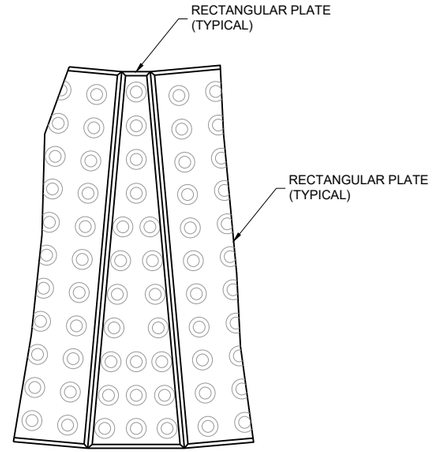


RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



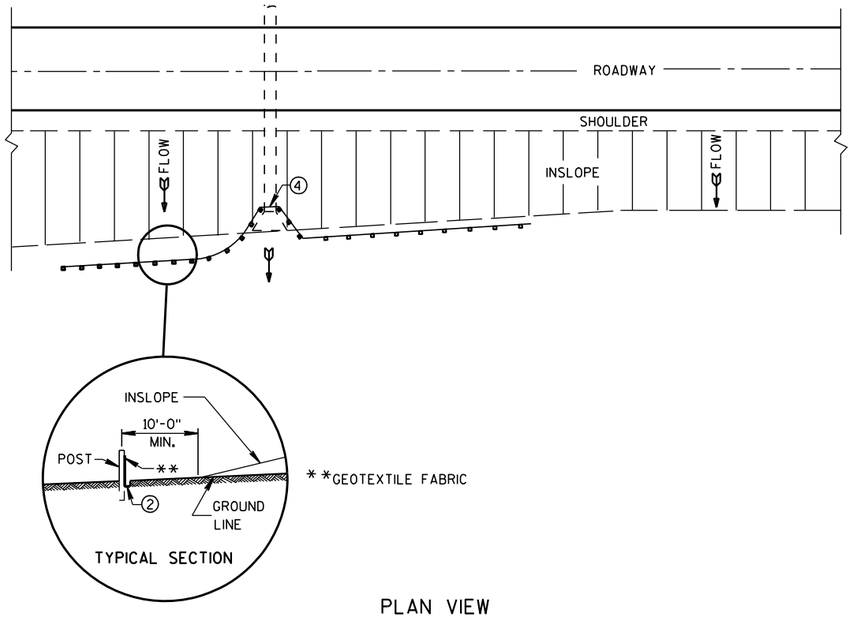
PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

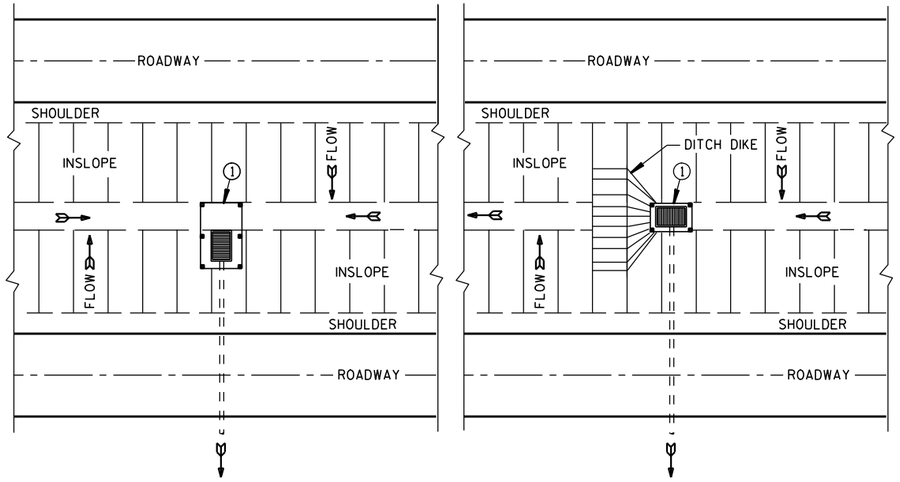
APPROVED
May 2026 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

6
SDD 08D05-23g



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



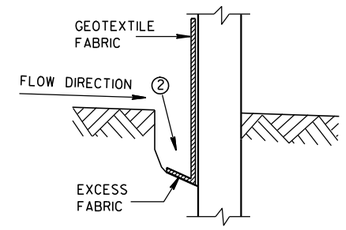
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

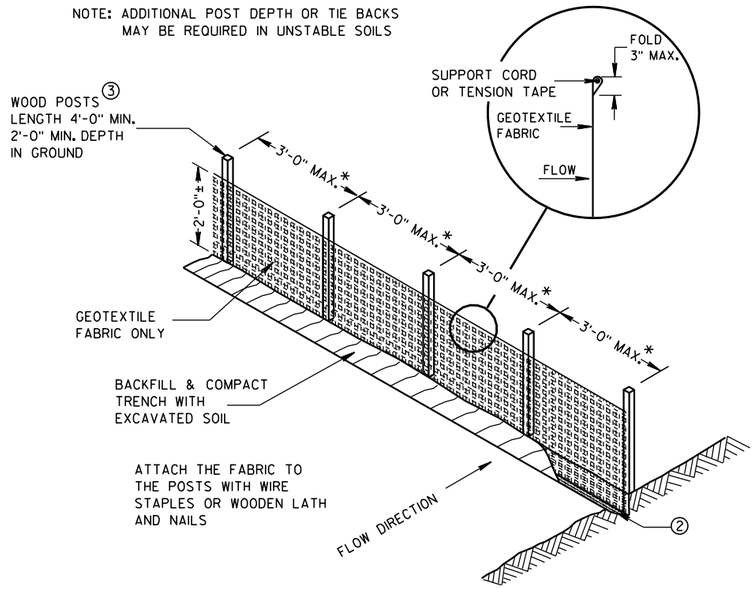
GENERAL NOTES

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.

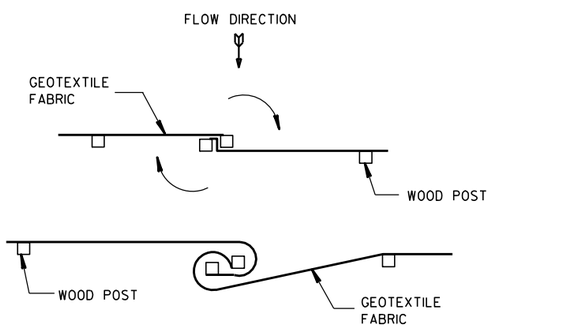


TRENCH DETAIL

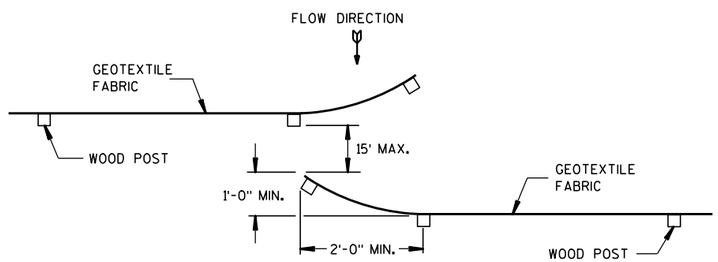


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

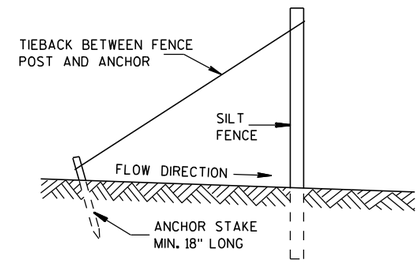


TWIST METHOD



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

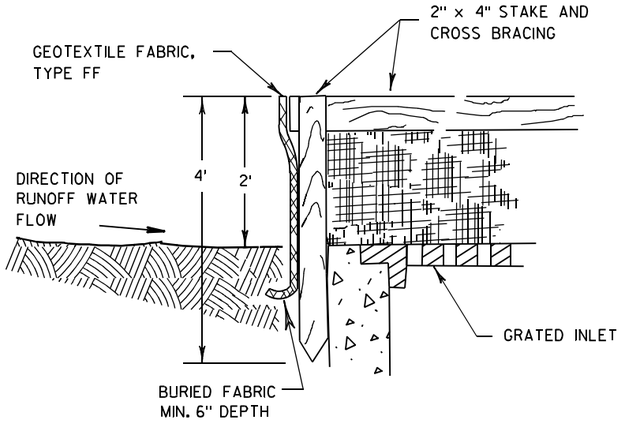
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

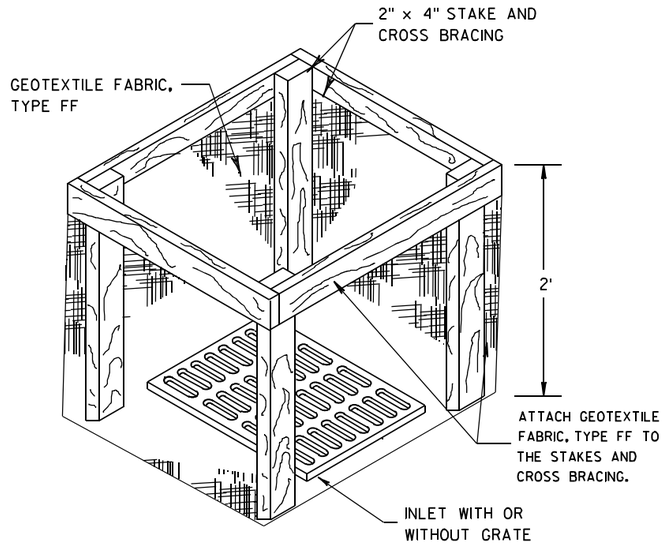
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S.D.D. 8 E 9-6

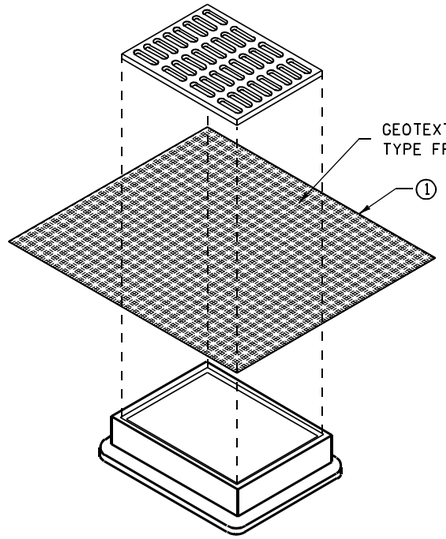
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S.D.D. 8 E 9-6



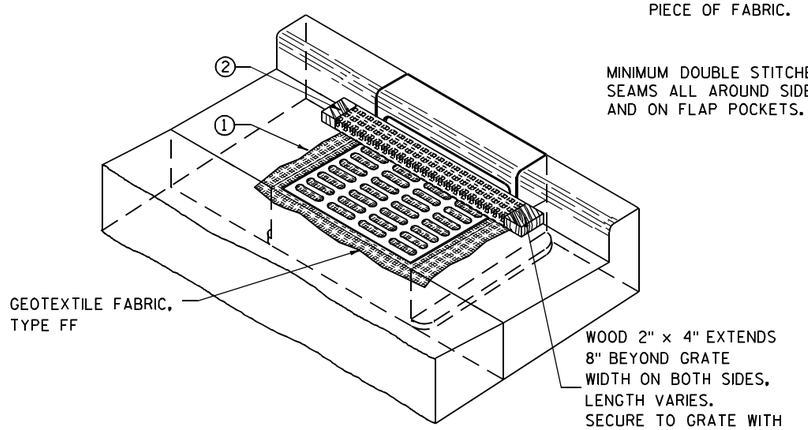


INLET PROTECTION, TYPE A

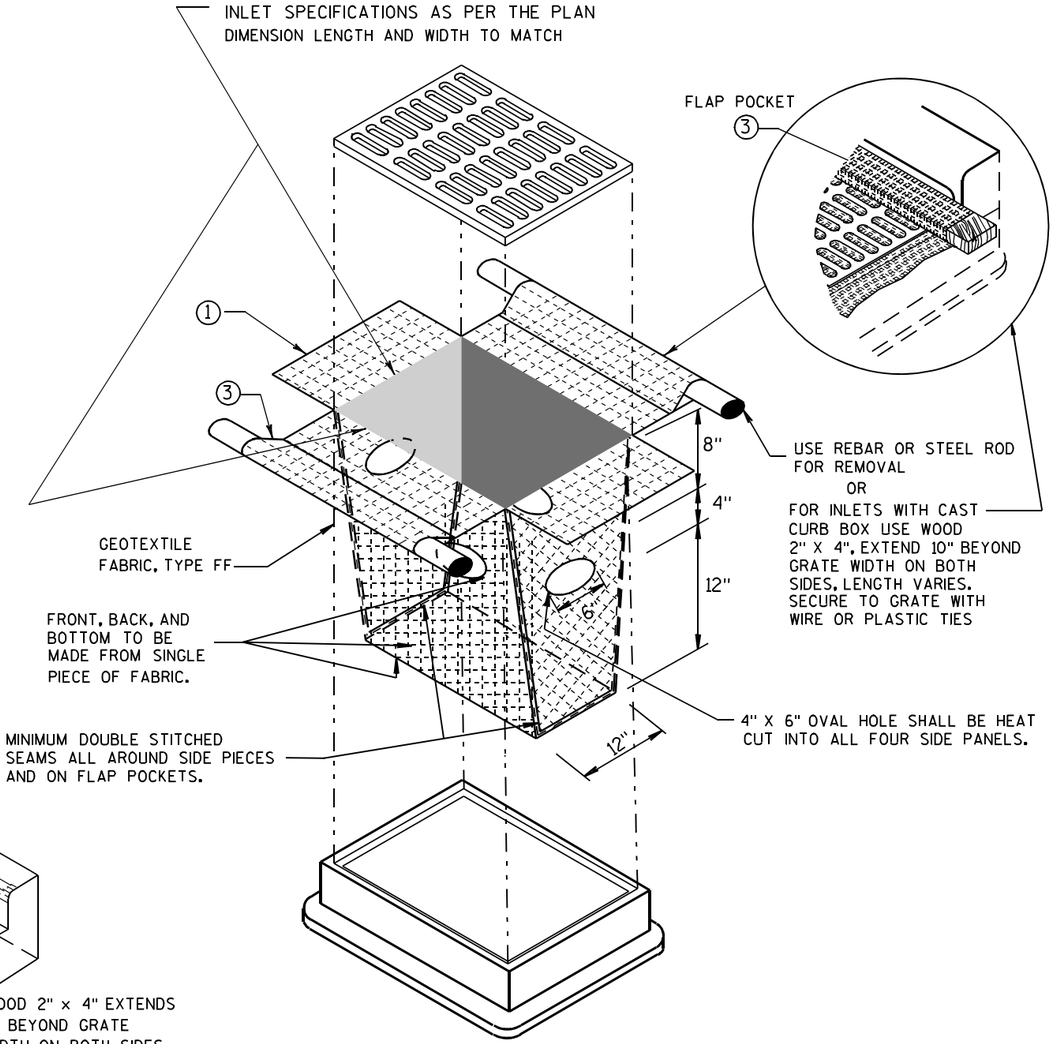


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

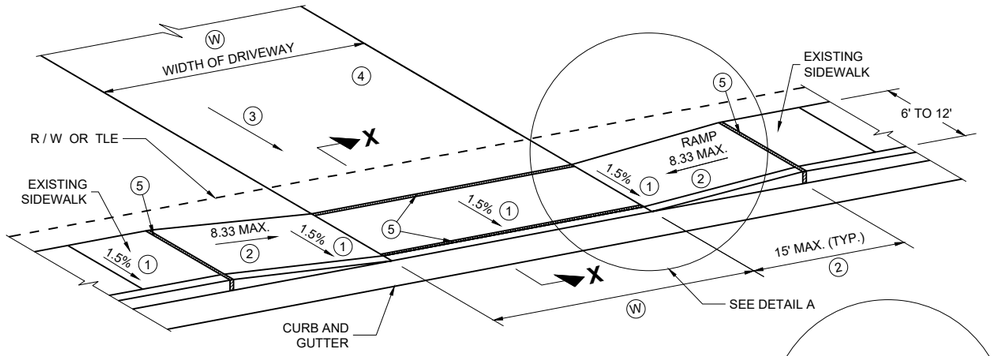
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

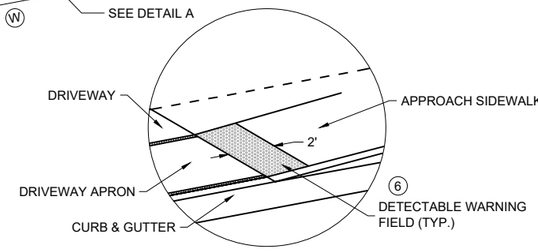
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

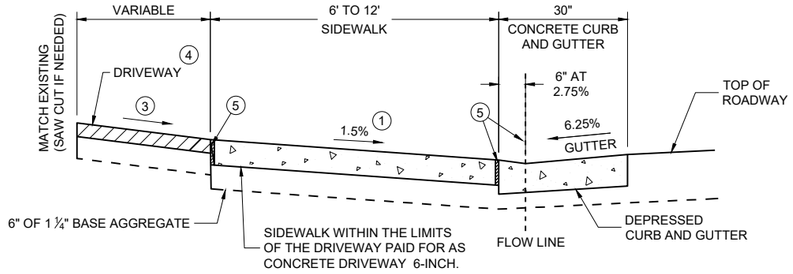
6
S.D.D. 8 E 10-2



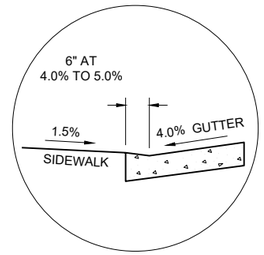
TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



DETAIL A



SECTION X - X

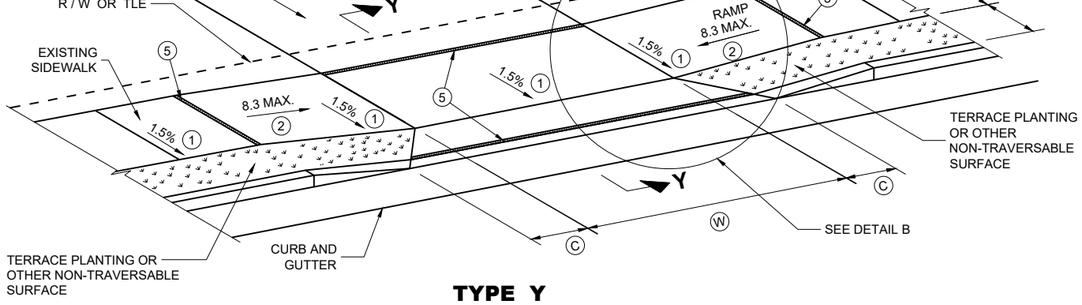


SECTION X - X
4% GUTTER SLOPE

Ⓦ : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.

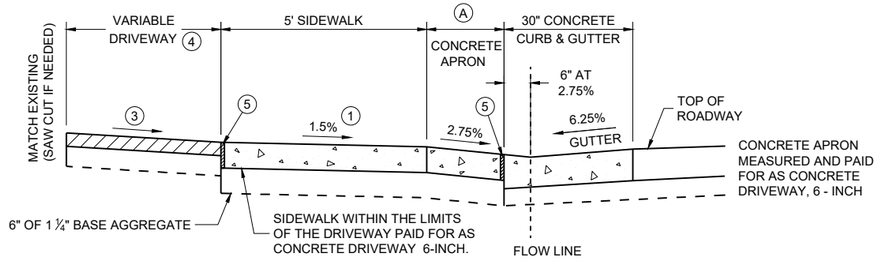
TABLE Y

Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



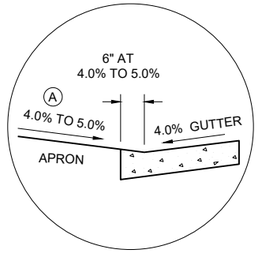
Ⓐ:MEASURE FROM BACK OF CURB

TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y - Y



SECTION Y - Y
4% GUTTER SLOPE

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.1%.

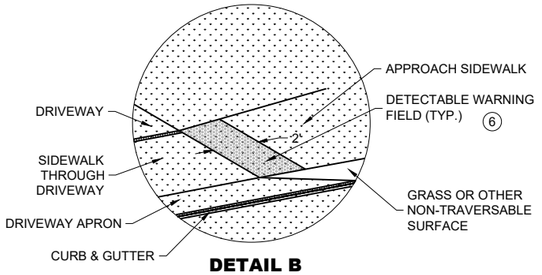
② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
10.5% UP AWAY FROM SIDEWALK (SAG)
8.5% DOWN AWAY FROM SIDEWALK (CREST)
ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
- * 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- * 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- * 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ 1/2" EXPANSION JOINT FILLER

⑥ DETECABLE WARNING FIELDS ARE REQUIRED WHEN A PEDESTRIAN CIRCULATION ROUTE CROSSES A DRIVEWAY THAT IS TRAFFIC SIGNAL, STOP, OR YIELD SIGN CONTROLLED. DETECTABLE WARNING FIELDS TO BE 2 FT DEEP AND EXTEND THE WIDTH OF THE PEDESTRIAN CIRCULATION ROUTE.



DETAIL B

DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 09A11-01

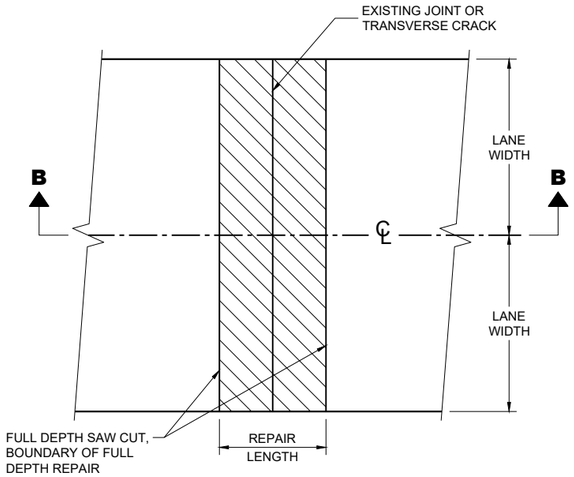
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES.

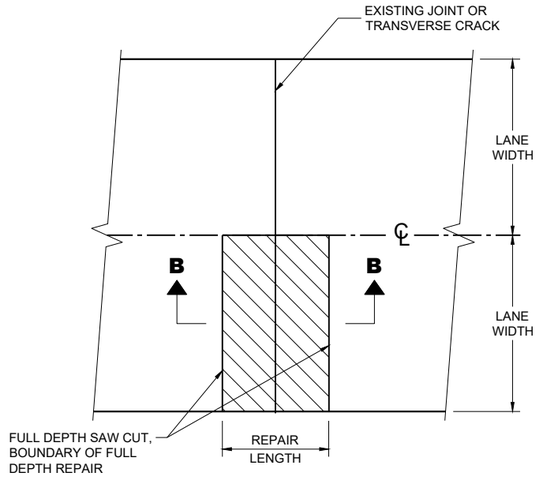
PROVIDE A 6 FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREA TO ADJACENT TRANSVERSE JOINT OR CRACK.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NON-DOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

(1) DOWEL BARS MAY NOT BE PRESENT.

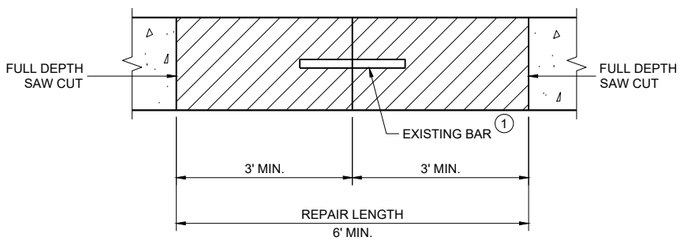


PLAN VIEW
(DOUBLE LANE REPAIR)



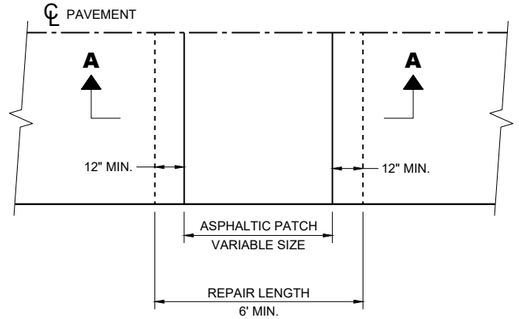
PLAN VIEW
(SINGLE LANE REPAIR)

FULL DEPTH CONCRETE PAVEMENT REMOVAL

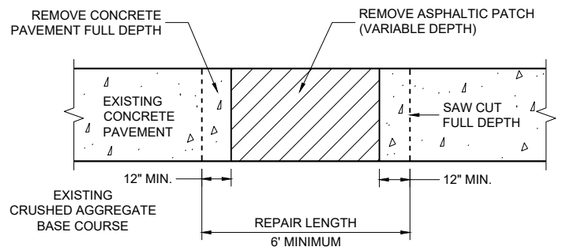


SECTION B - B

CONCRETE REMOVAL



PLAN VIEW

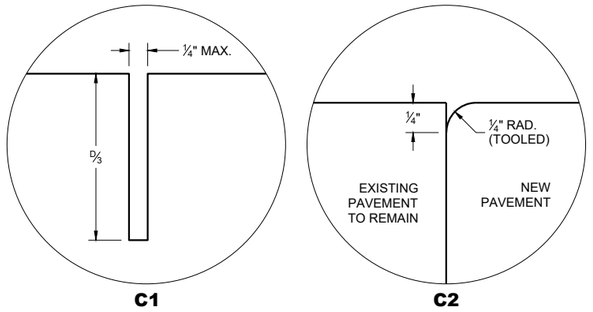


SECTION A - A

HMA PATCH REMOVAL

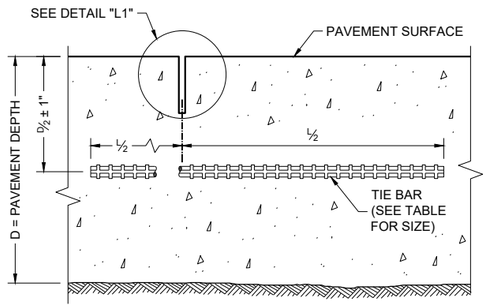
CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



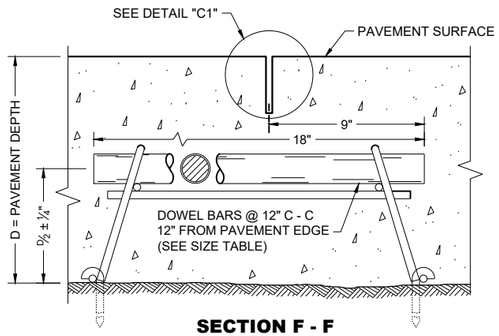
C1 C2

TRANSVERSE JOINTS



SECTION C - C

SAWED LONGITUDINAL JOINT



SECTION F - F

DOWELED CONTRACTION JOINT

GENERAL NOTES

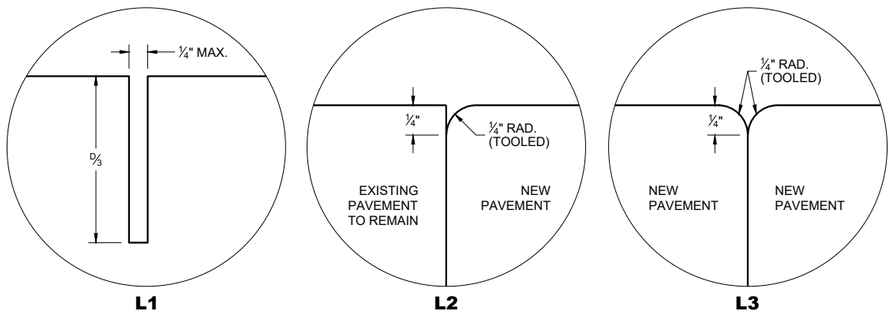
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

CONCRETE PAVEMENT REPAIRS OF EXISTING NON-DOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

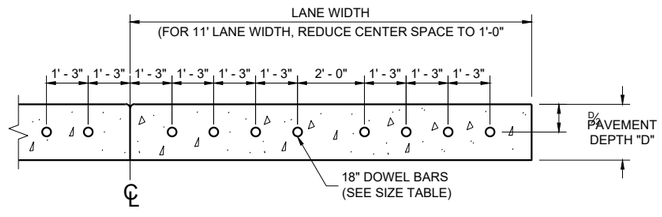
FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.



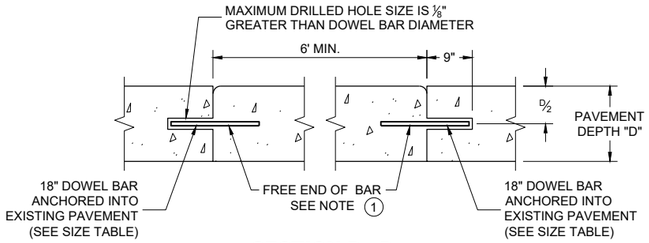
L1 L2 L3

LONGITUDINAL JOINTS



SECTION E - E

DRILLED DOWEL BAR CONSTRUCTION JOINT



SECTION D - D

TIE BAR TABLE

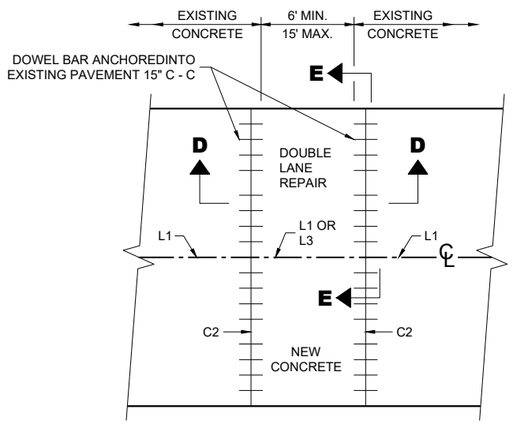
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4*	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

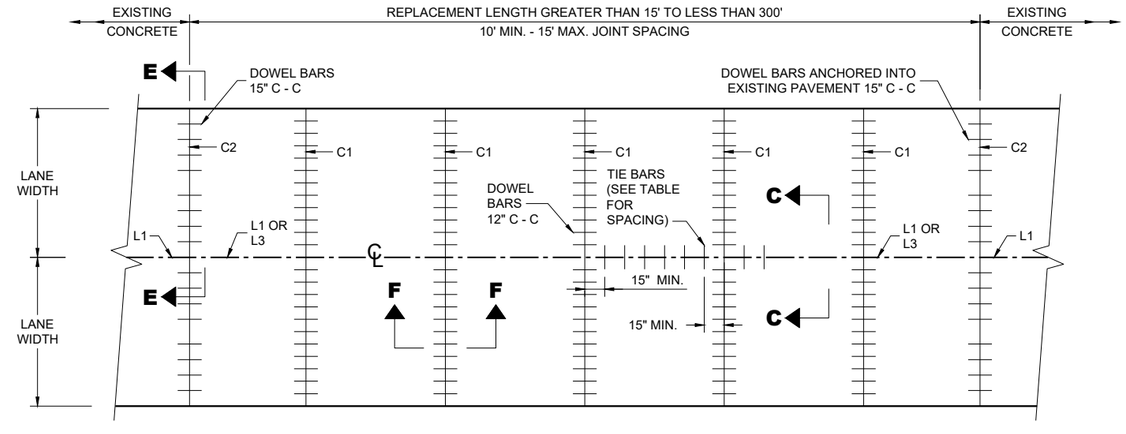
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	DRILLED DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	NONE	12'
7", 7 ½"	1"	1"	14'
8" & ABOVE	1 ¼"	1 ¼"	15'



PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPAIR

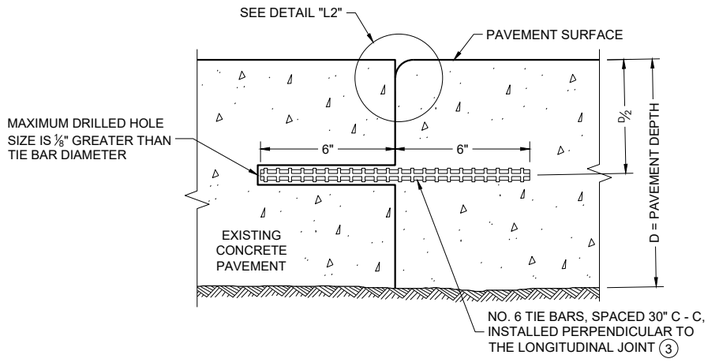


PLAN VIEW

MULTILANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

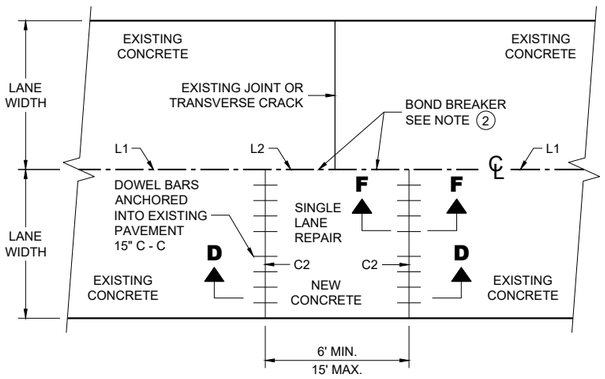


SECTION G - G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

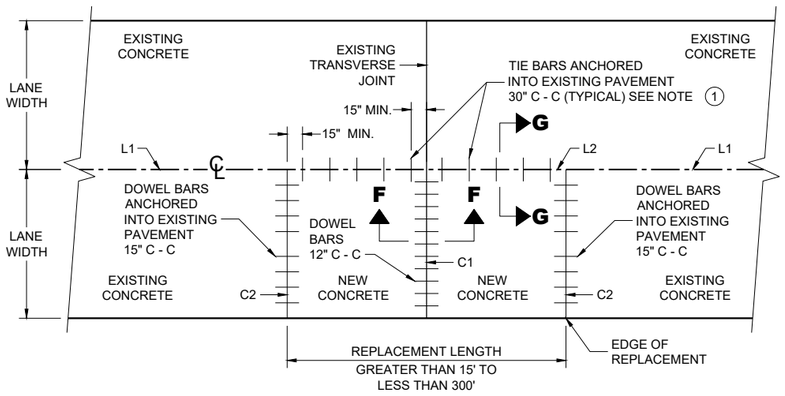
GENERAL NOTES

1. WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES IN A HOLE OF SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.
2. USE AN ENGINEER APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.
3. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



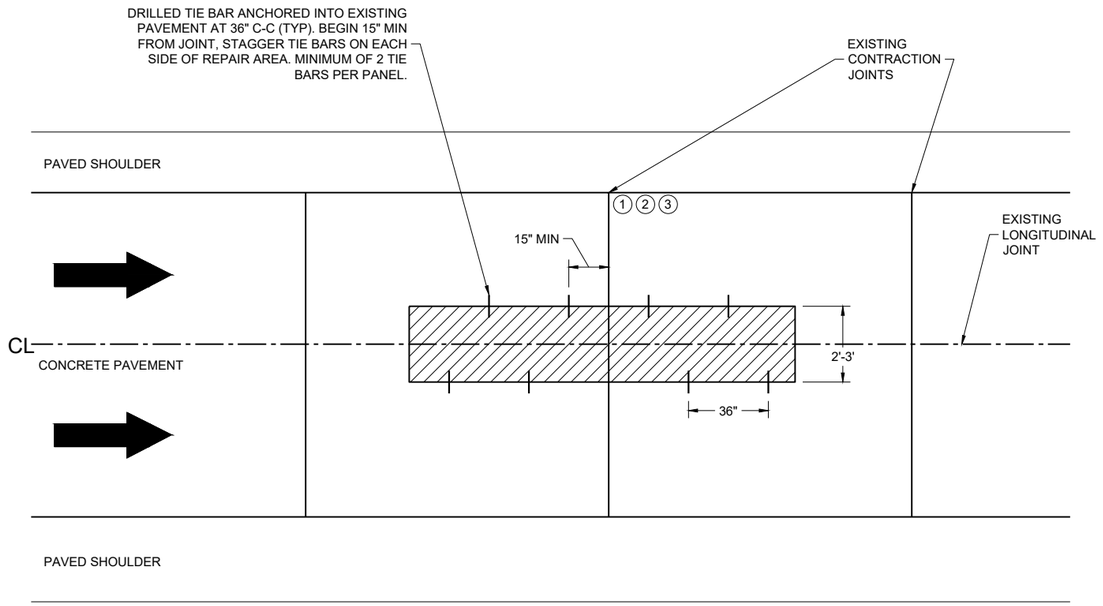
PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

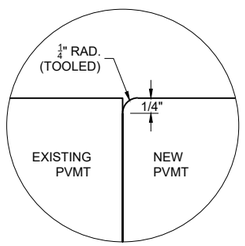
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SDD 13C09-18c



PLAN VIEW

GENERAL NOTES

1. TIE BARS MIN 15" FROM JOINT.
2. LOCATION AND WIDTH OF PATCH ARE VARIABLE DEPENDING ON FIELD CONDITION
3. PRESERVE OR REESTABLISH EXISTING CONTRACTION JOINTS, KEEPING PATCH MATERIALS OUT OF REMAINING CONTRACTION JOINT.



DETAIL L2

SECTION VIEW

TABLE 1	
PATCH WIDTH	TIE BAR LENGTH
24"	12"
36"	18"

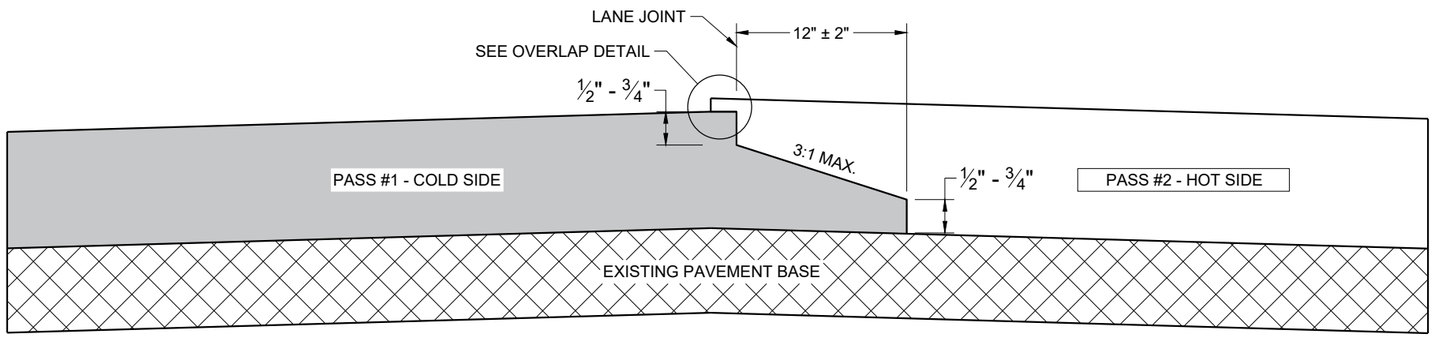
CONCRETE PAVEMENT CENTERLINE JOINT REPAIR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

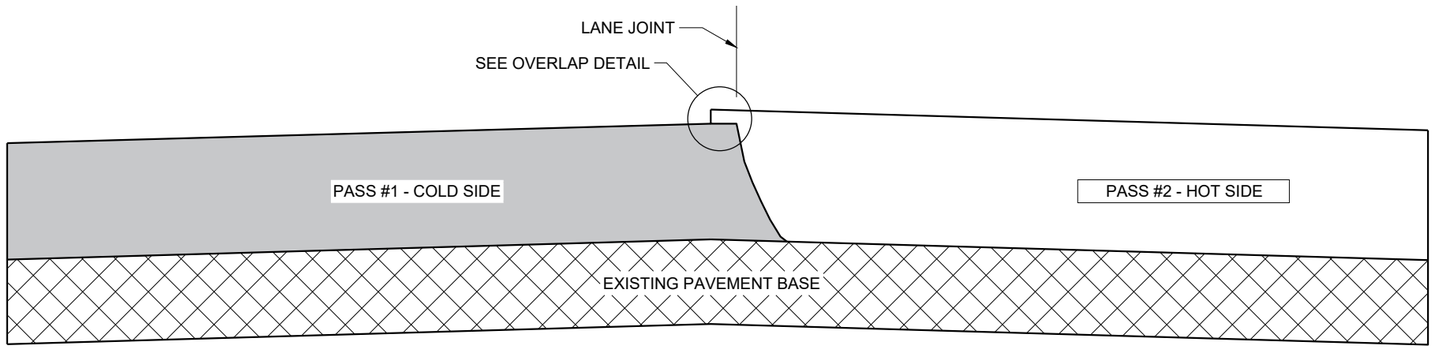
APPROVED
NOVEMBER 2025 — DATE
/S/ Peter Kemp P.E. — PAVEMENT SUPERVISOR

FHWA

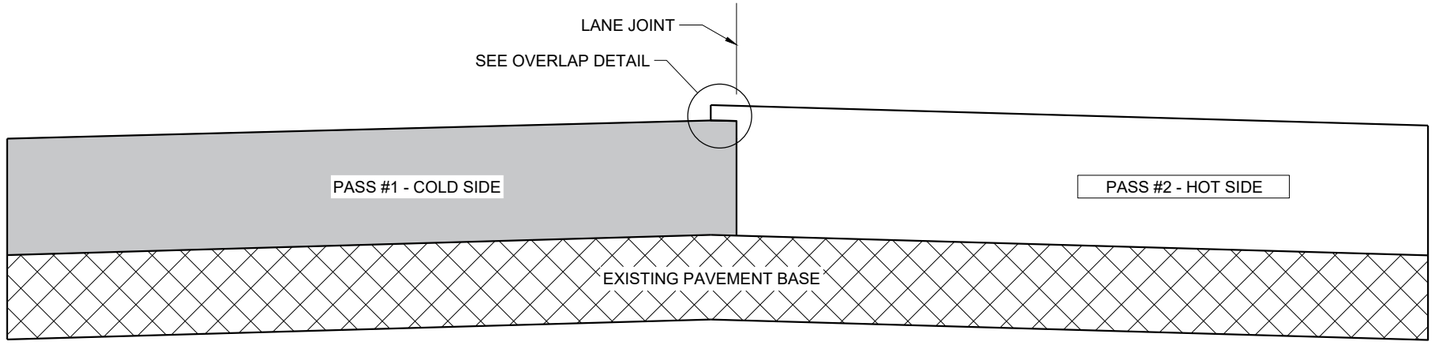
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SDD 13C09-18d



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

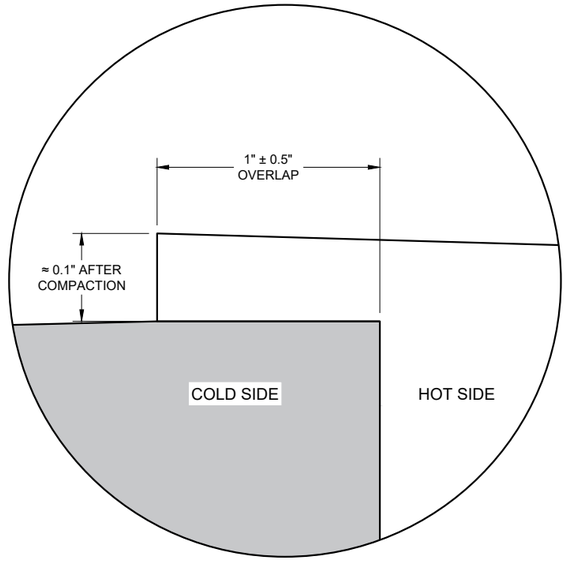
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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

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SDD 13C19 - 03

SDD 13C19 - 03

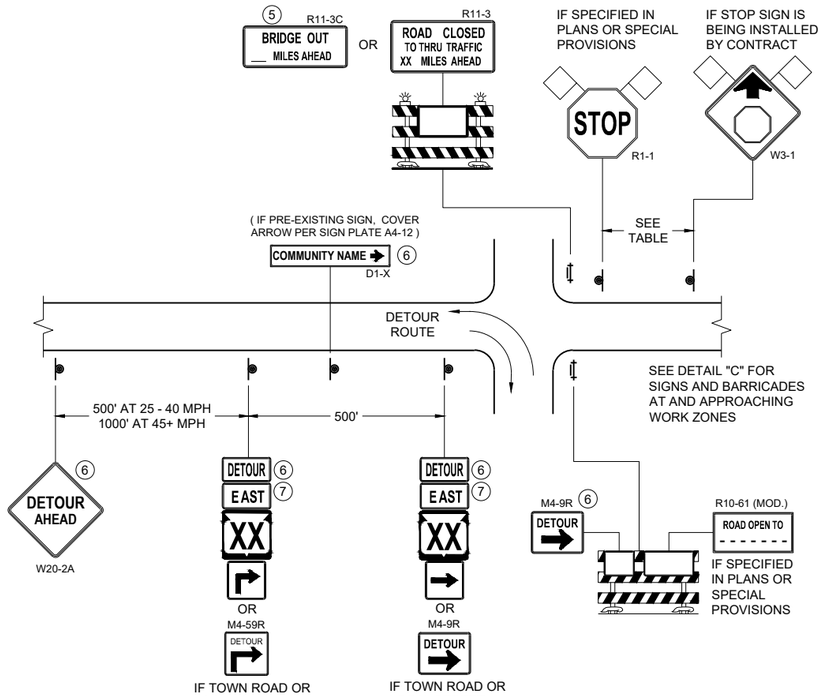
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

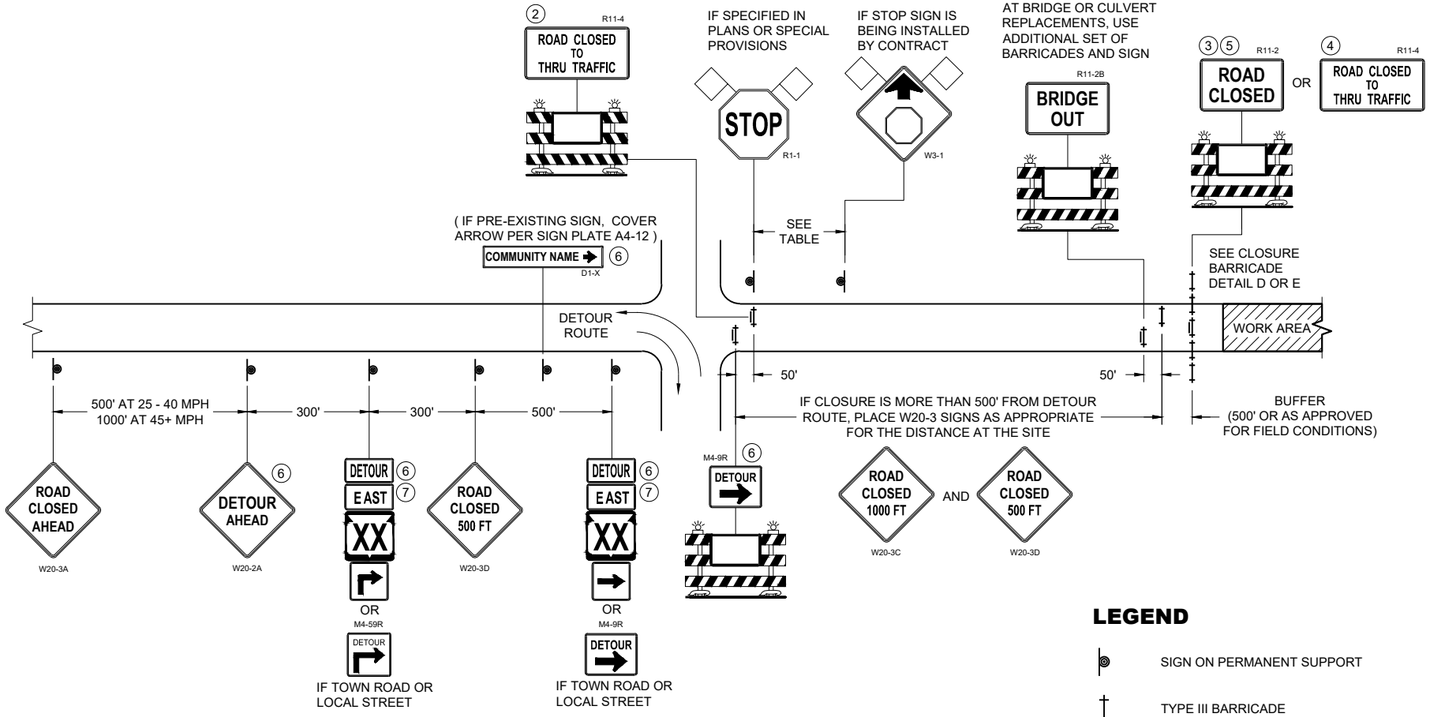
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

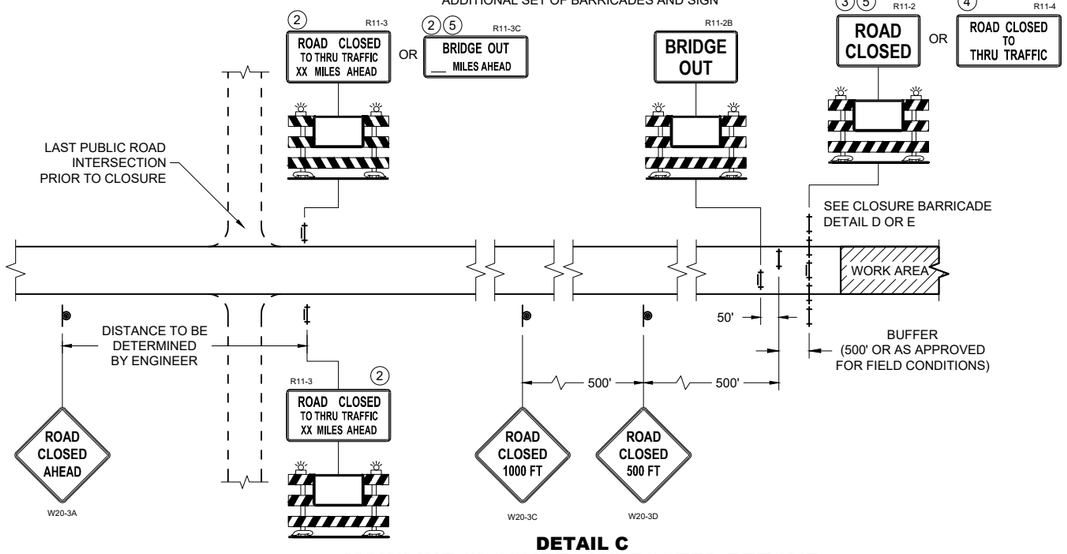
SEE SDD 15C2-SHEET "b" FOR GENERAL NOTES AND FOOTNOTES (1) THROUGH (7)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1

AT BRIDGE OR CULVERT REPLACEMENTS, USE ADDITIONAL SET OF BARRICADES AND SIGN



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

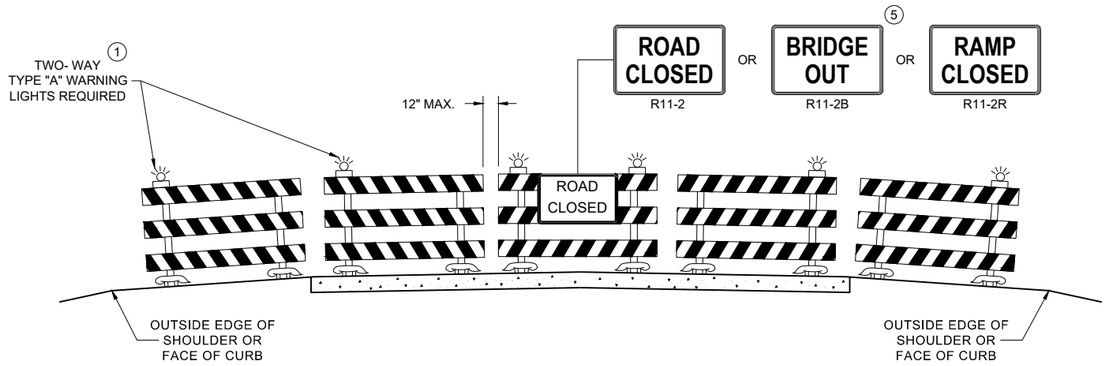
BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

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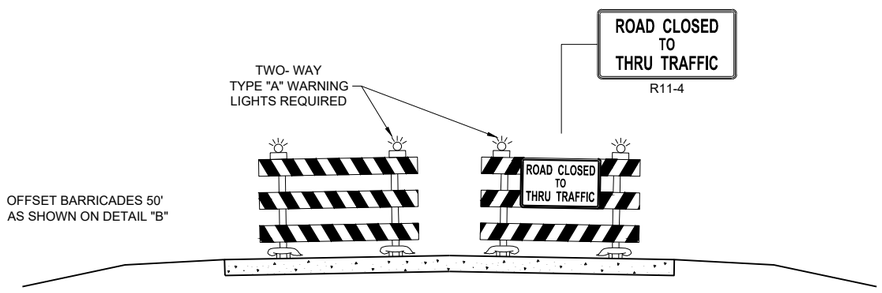
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SDD 15C02-10a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

PARTIAL NUMBERS ON SIGNS SHALL BE DISPLAYED AS A WHOLE NUMBER(AS NEEDED) FOLLOWED BY A FRACTION. SIGNS SHALL NOT DISPLAY NUMBERS IN DECIMAL FORM.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

SIGNS PLACED ON TYPE III BARRICADES THAT ARE SIZES OTHER THAN 48"X30" SHALL HAVE A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE.

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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SDD 15C02-10b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR M4 - 8
- EAST M3 - X
- XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

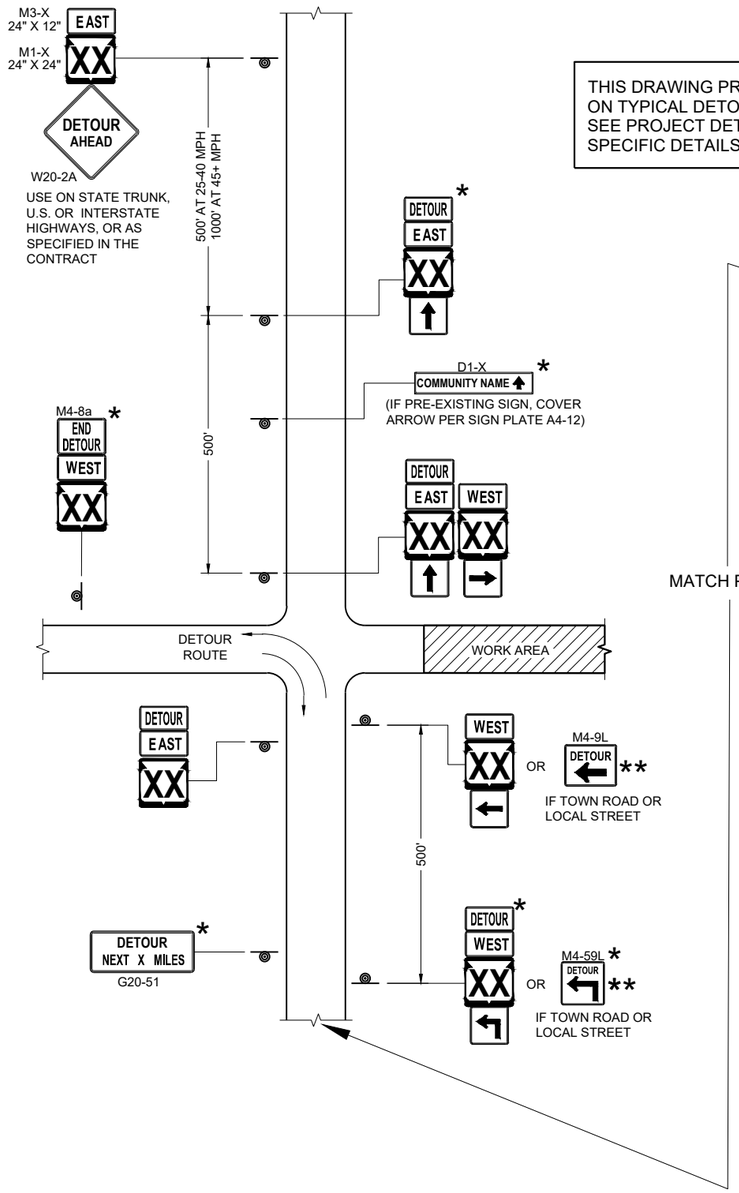
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

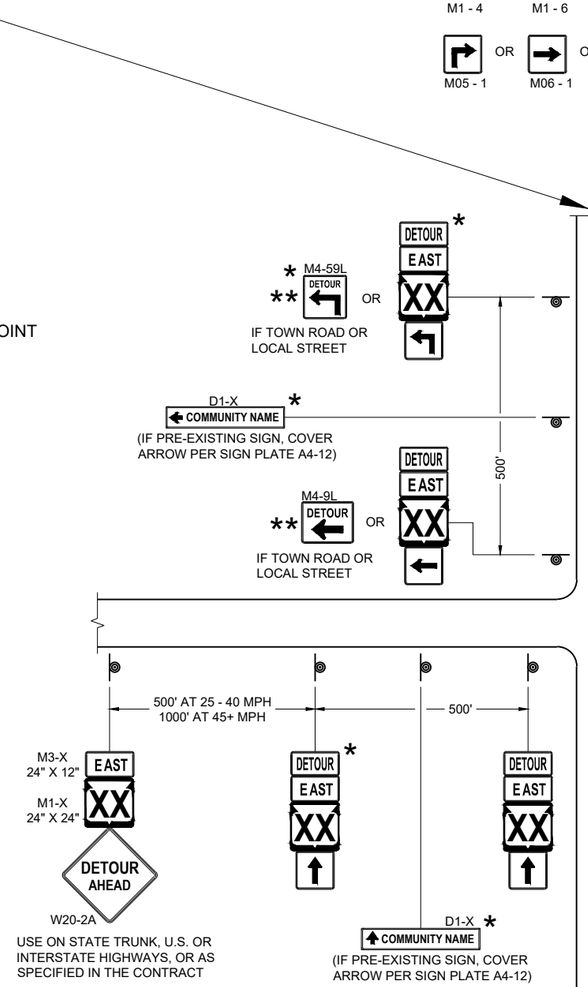
SIGN SIZES SHALL BE AS FOLLOWS:

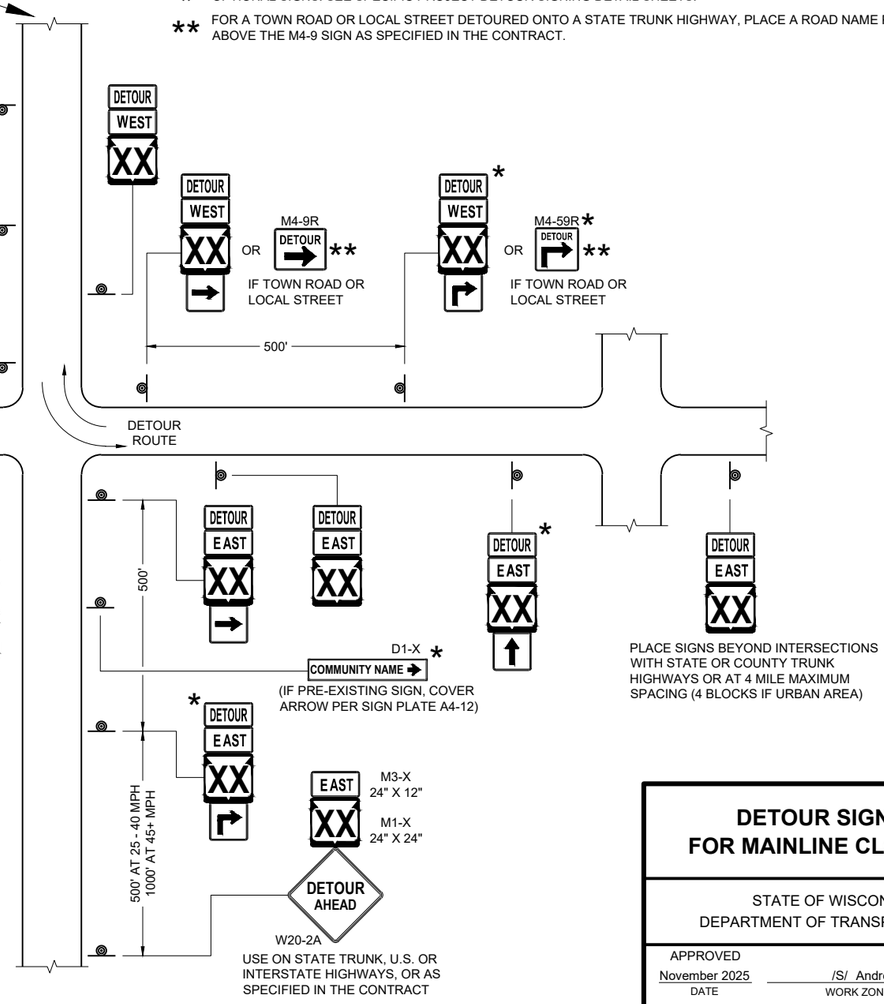
- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.







SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

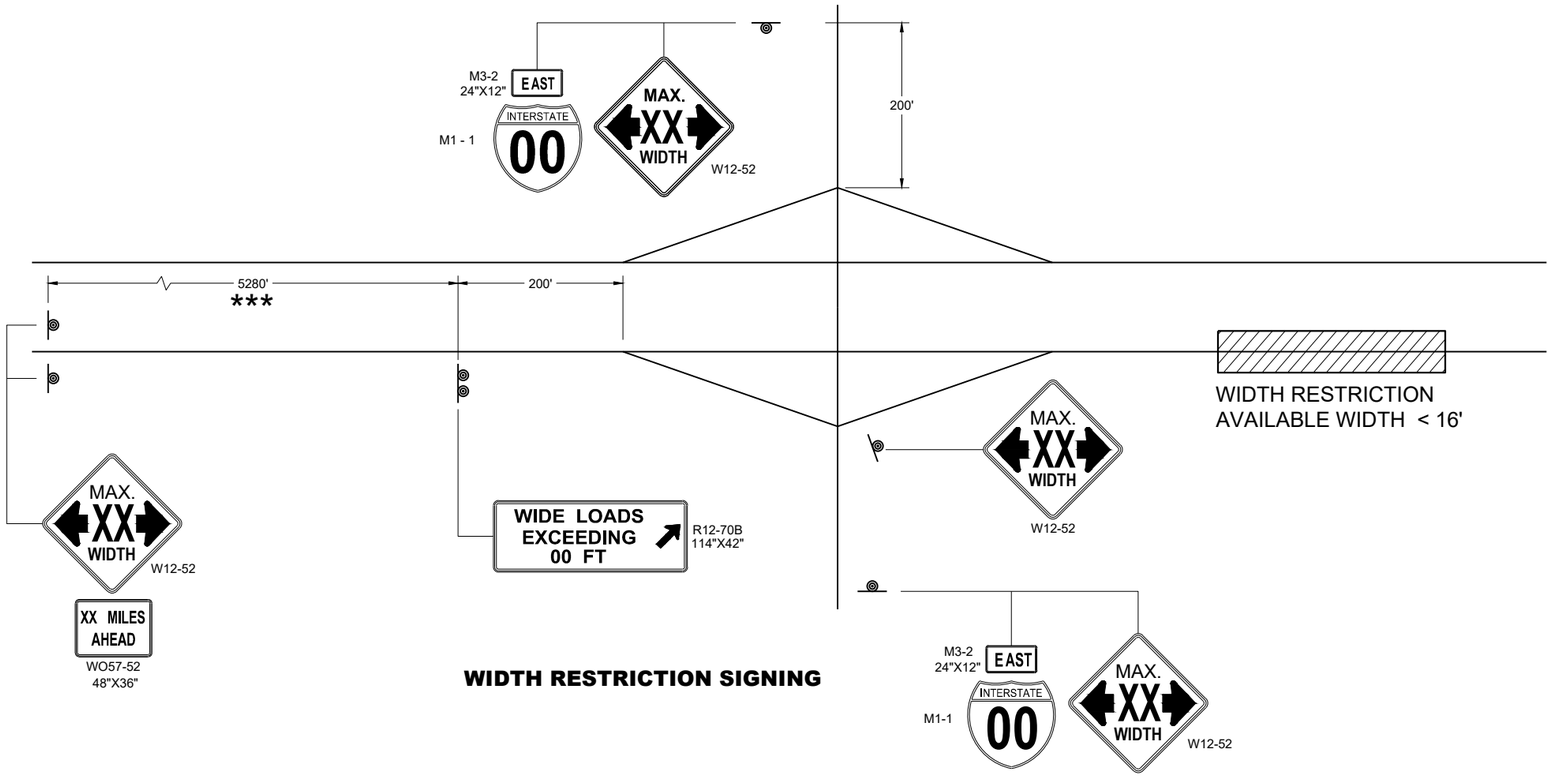
DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA



WIDTH RESTRICTION SIGNING

LEGEND

SIGN ON PERMANENT SUPPORT

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

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

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

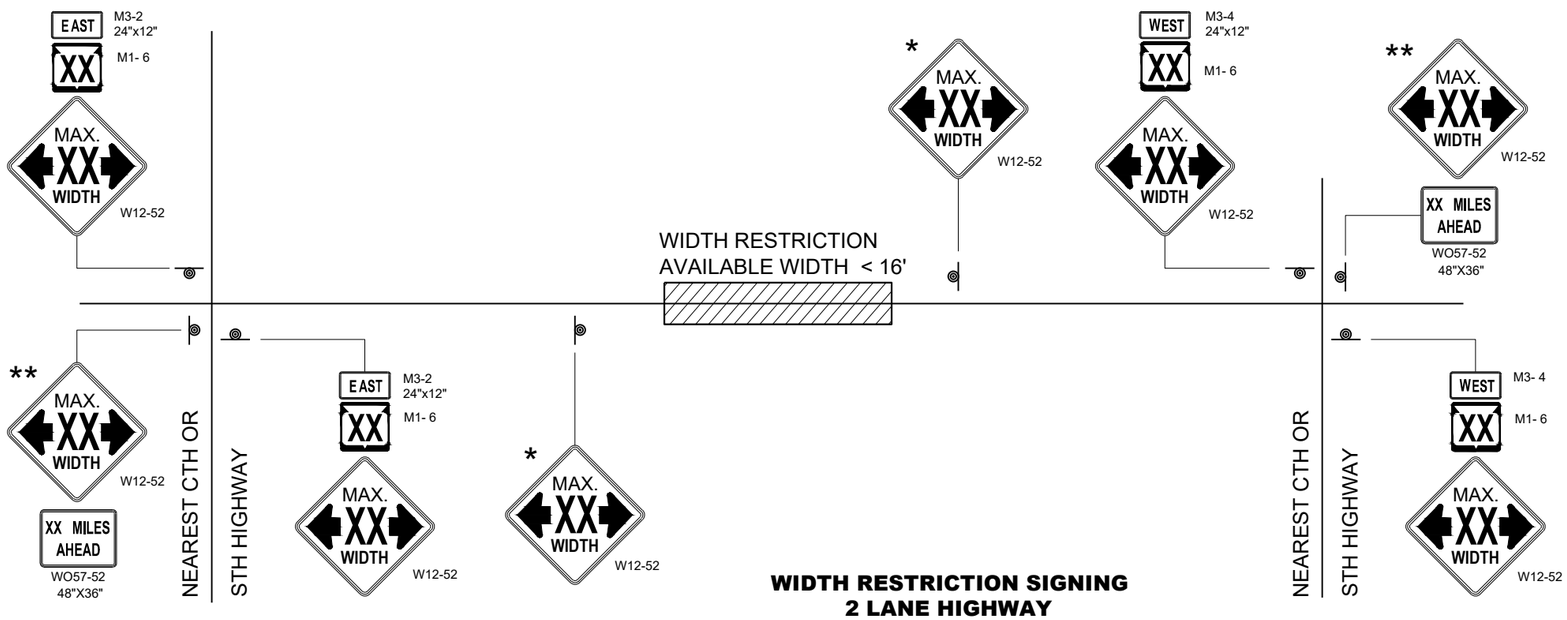
* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.



WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

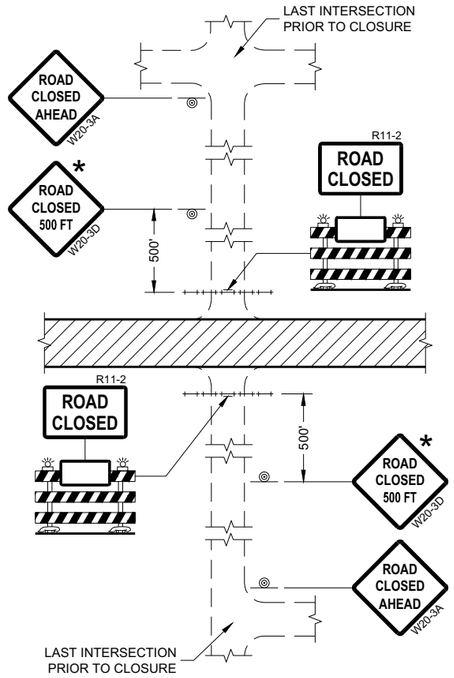
APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

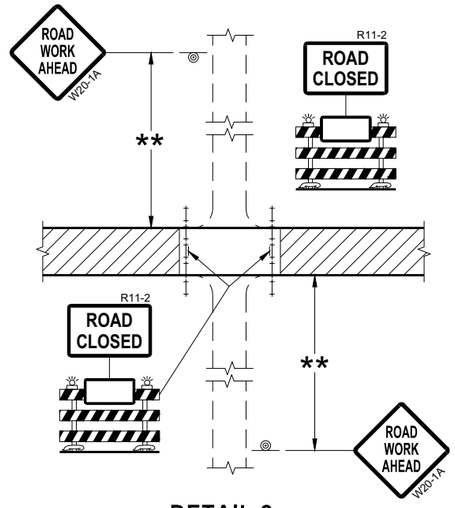
6

SDD 15C02-10f

SDD 15C02-10f



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.

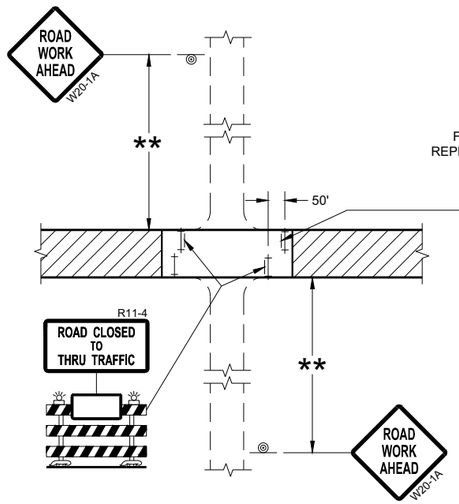
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

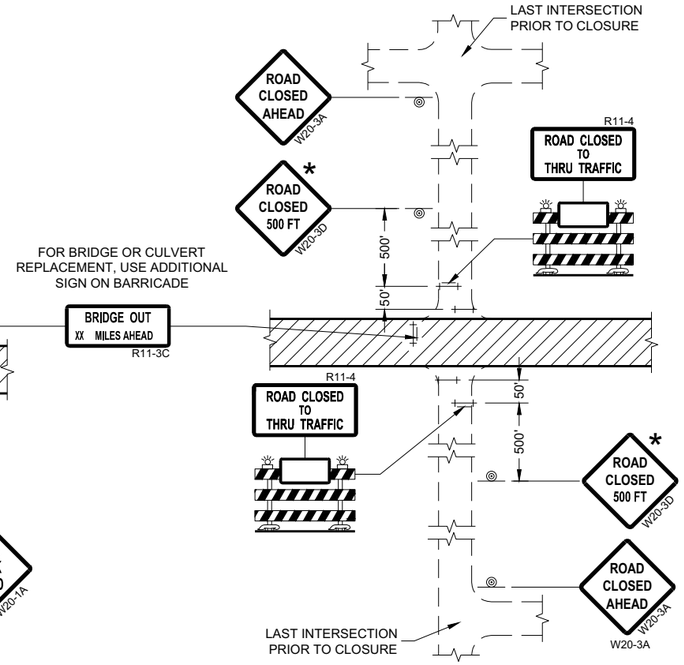
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

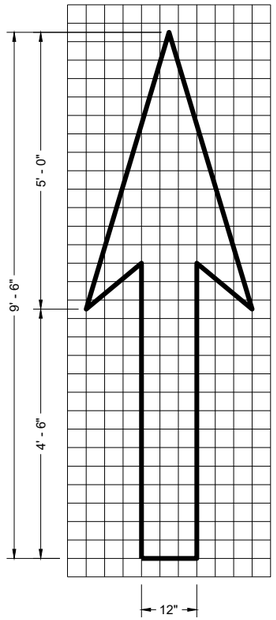
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SDD 15C03 - 05

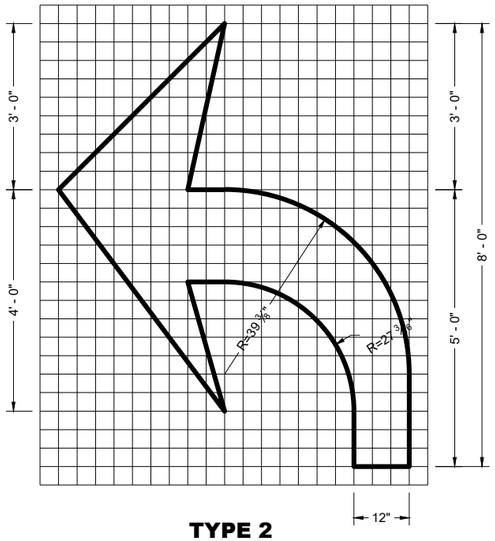
SDD 15C03 - 05

GENERAL NOTES

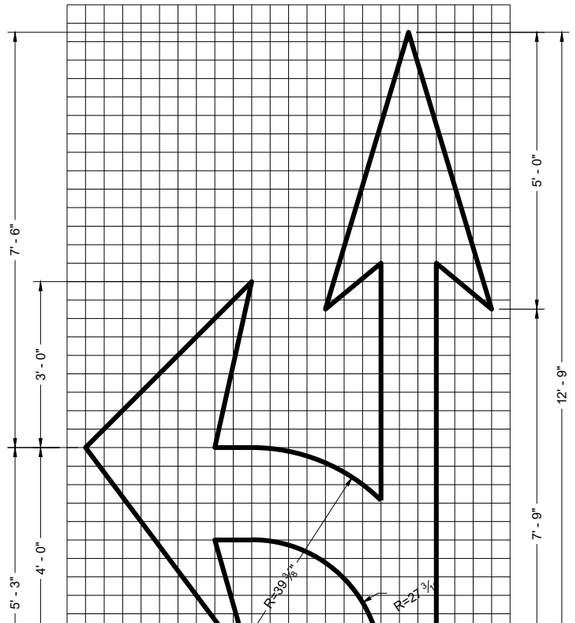
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



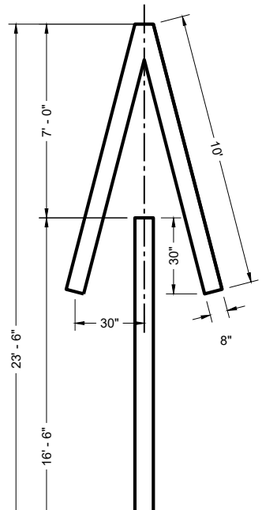
TYPE 1



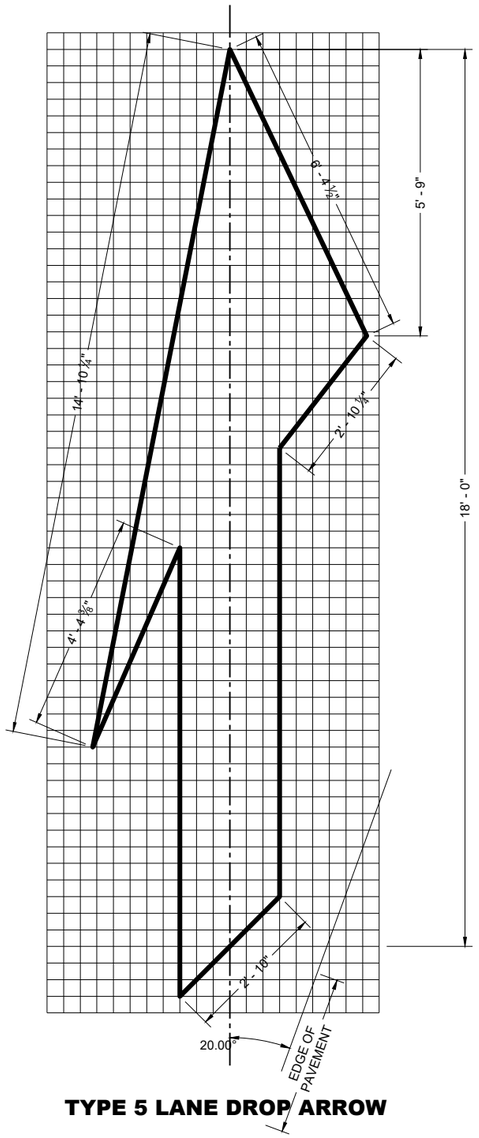
TYPE 2



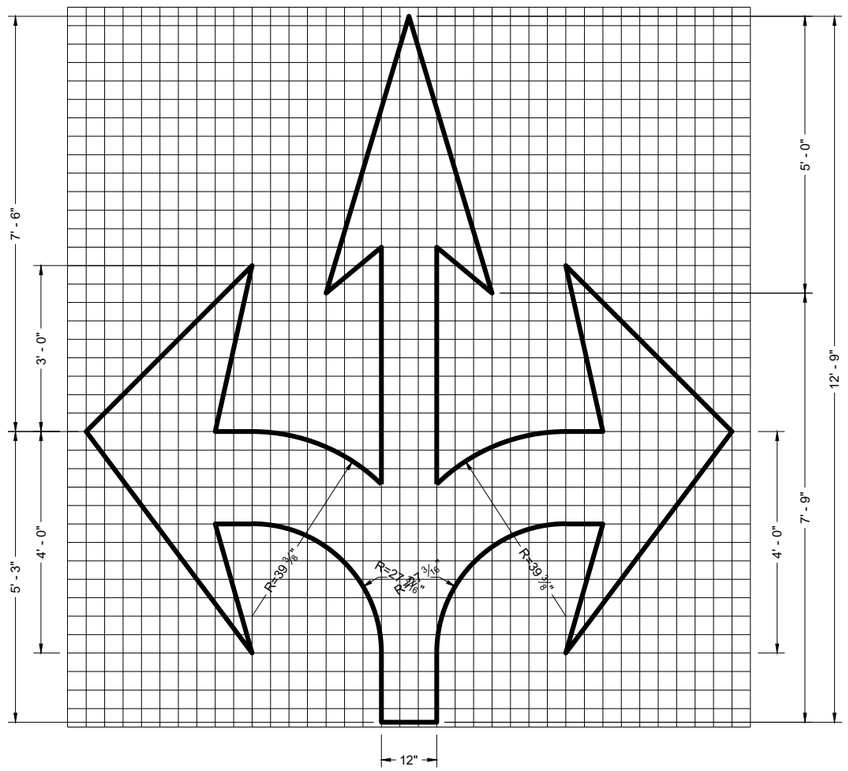
TYPE 3



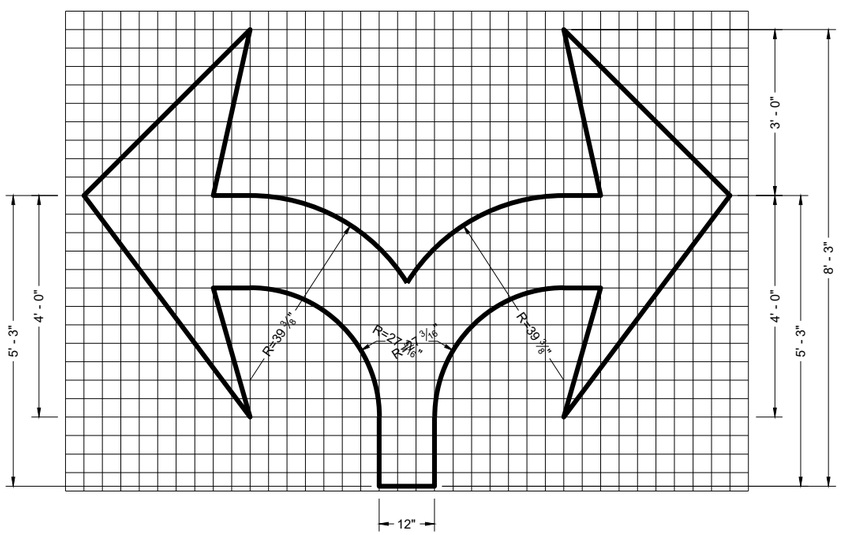
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2024 — DATE
/S/ Jeannie Silver — STATE SIGNING AND MARKING ENGINEER

FHWA

SDD 15C07-16c

6

SDD 15C07-16c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

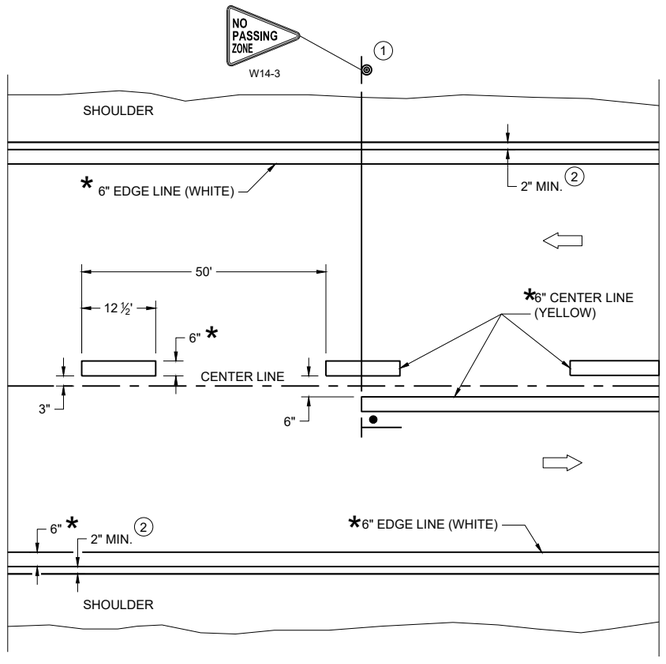
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

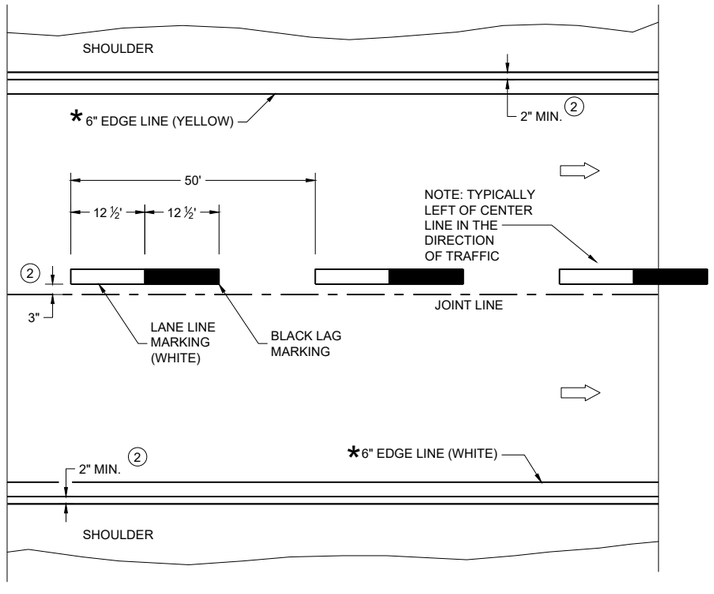
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

SDD 15C08-24a

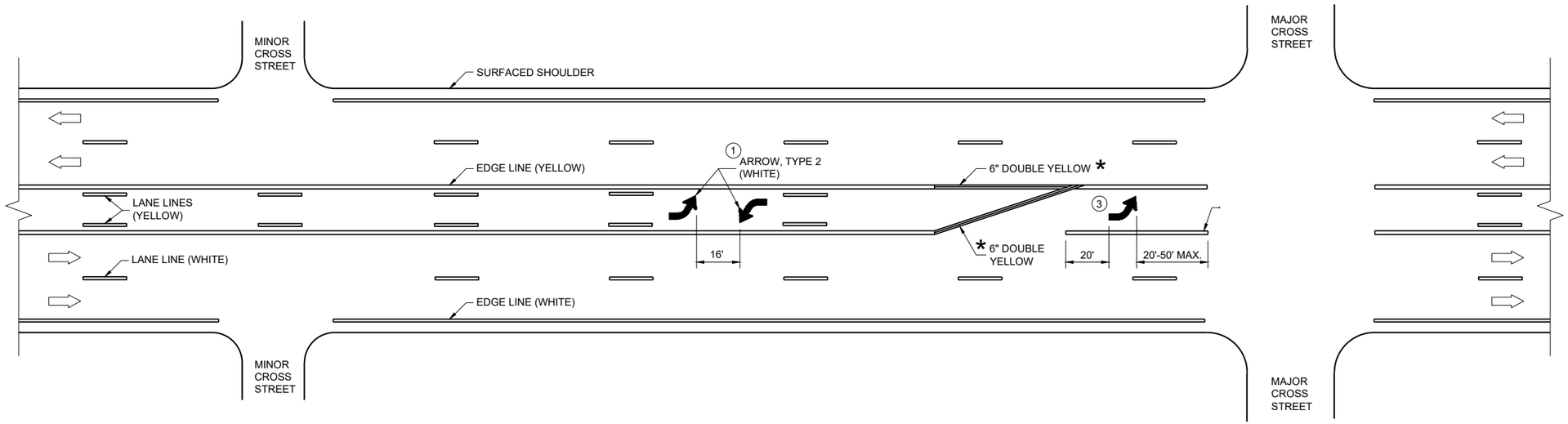
SDD 15C08-24a

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

⇨ DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



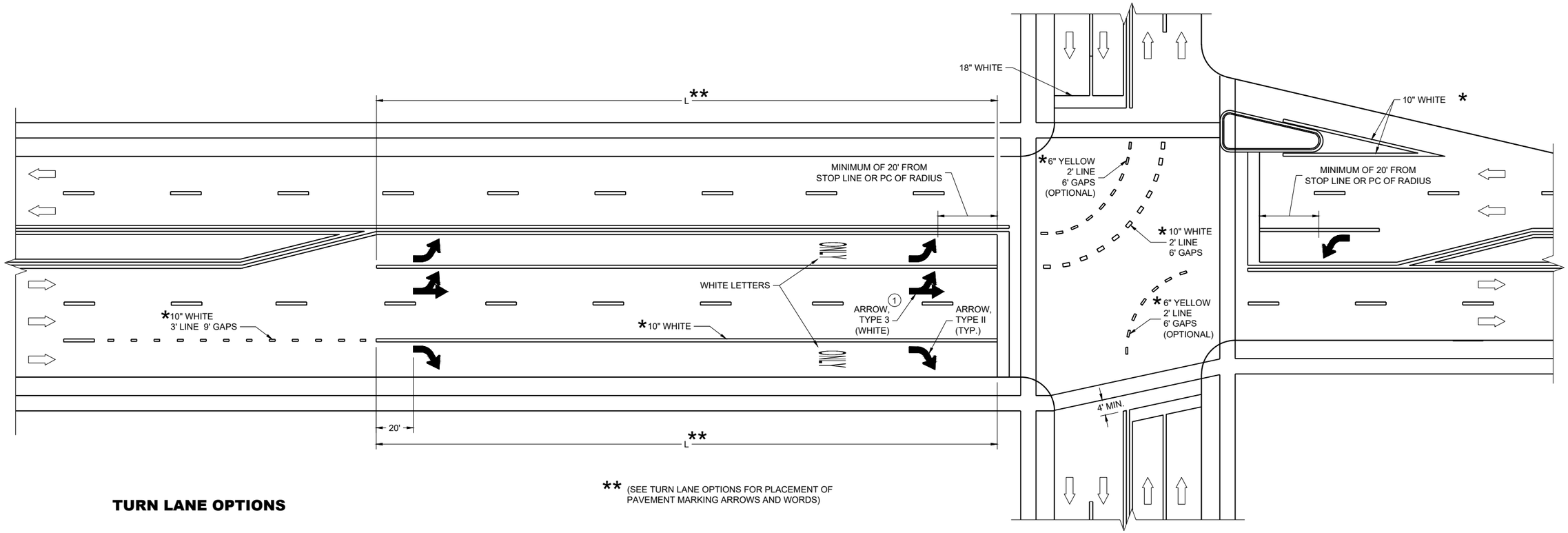
TWO WAY LEFT TURN LANE

6

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

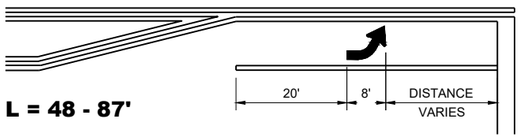
SDD 15C08-24c



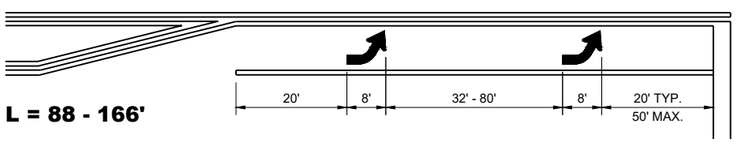
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

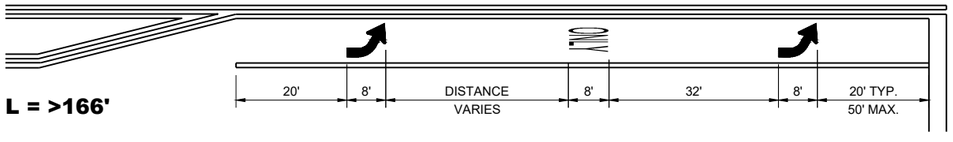
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT
REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

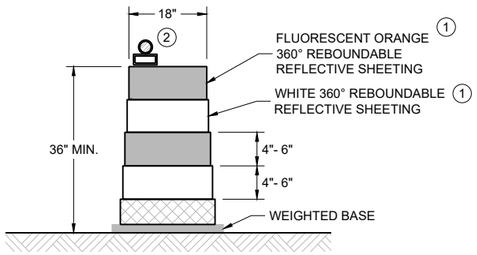
PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

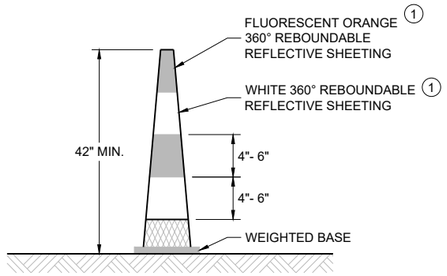
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

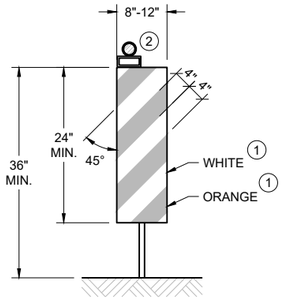
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

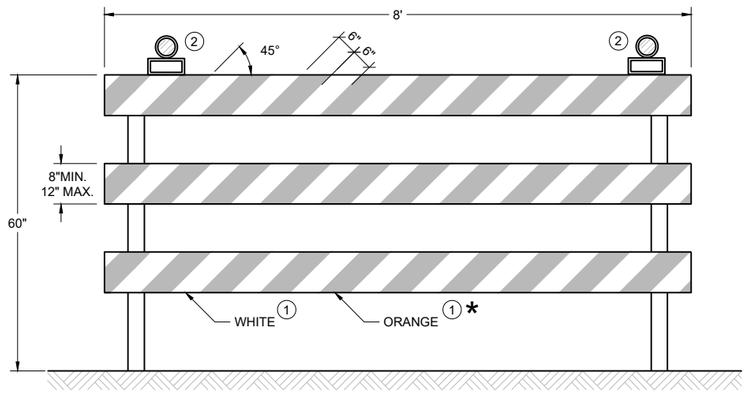
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

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SDD 15C11-11b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

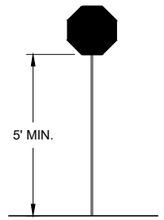
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



STOP/SLOW PADDLE ON SUPPORT STAFF

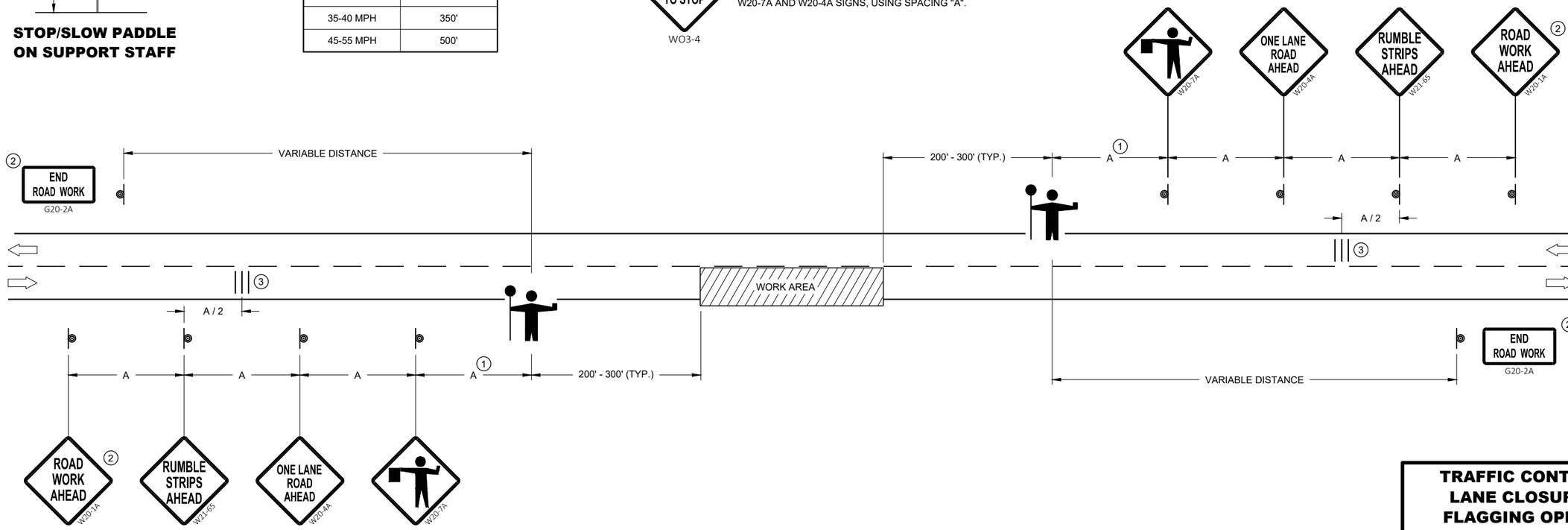
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C12 - 09a

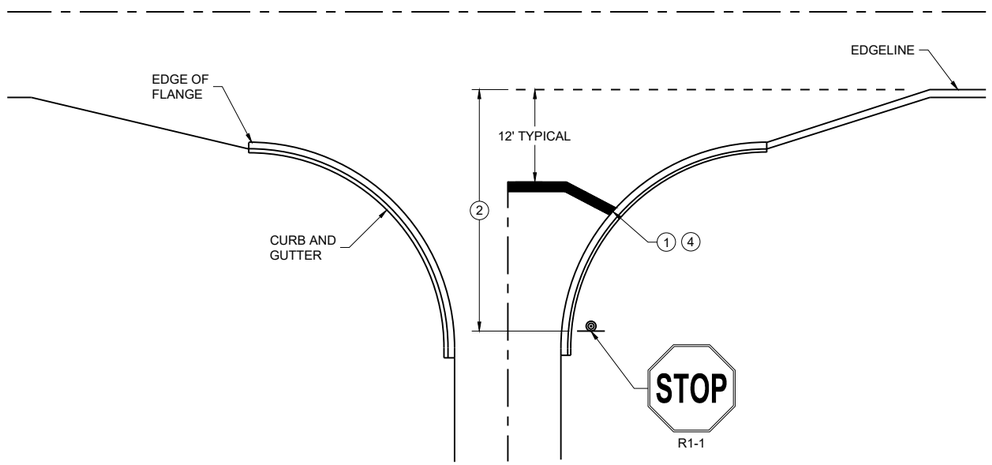
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SDD 15C12 - 09a

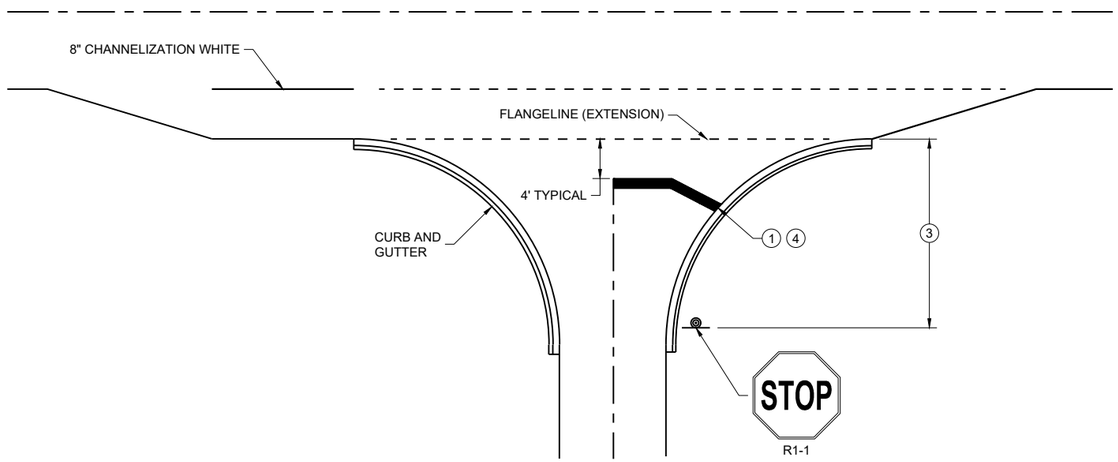
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

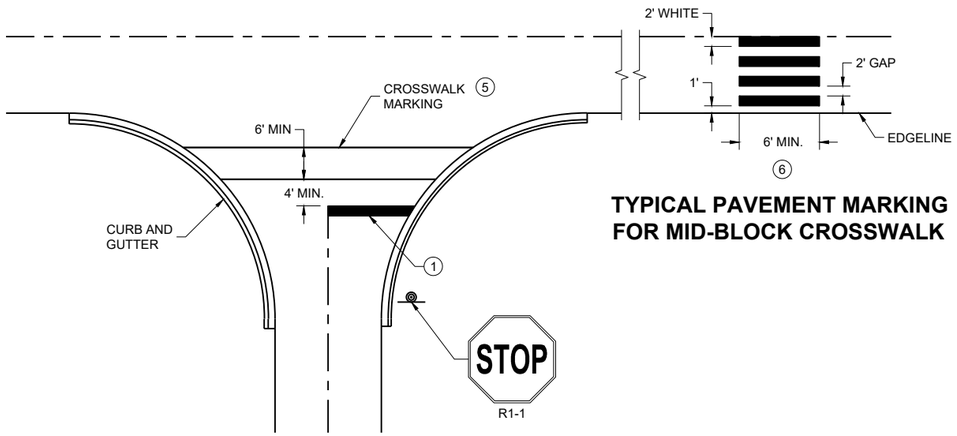
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

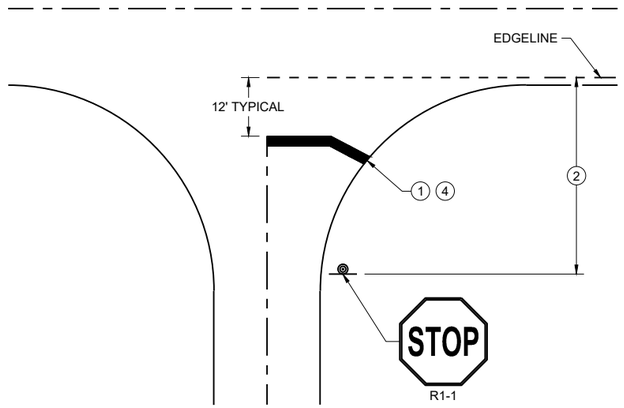


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



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

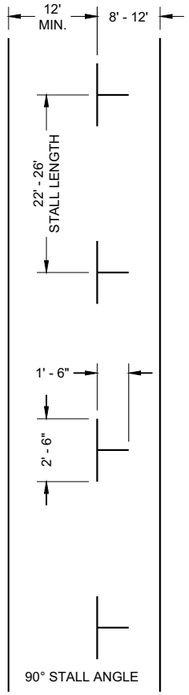
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

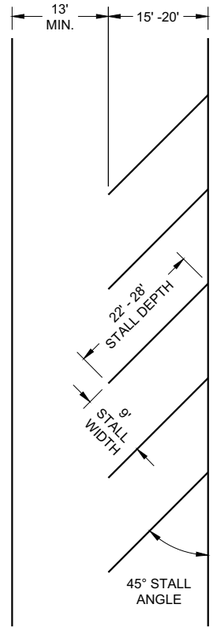
March 2024 — DATE

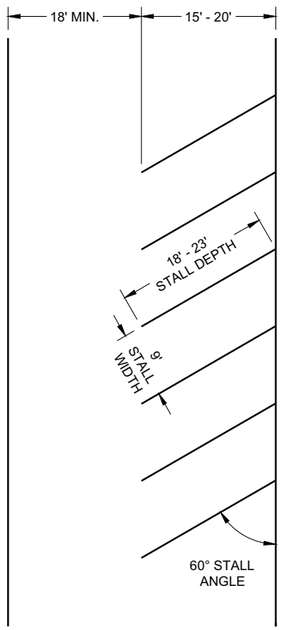
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA



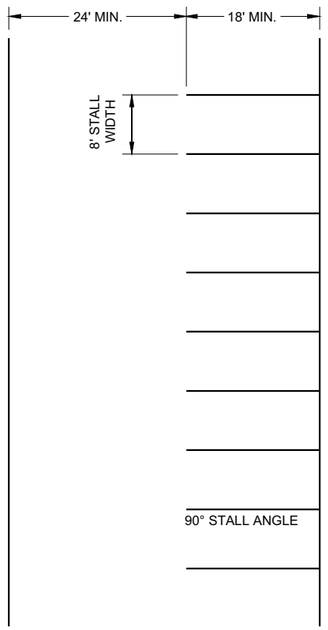
PARALLEL PARKING





ANGLED PARKING

(ANGLED PARKING IS NOT ALLOWED ON STATE HIGHWAYS UNLESS A DESIGN JUSTIFICATION HAS BEEN COMPLETED.)



PARKING LOTS

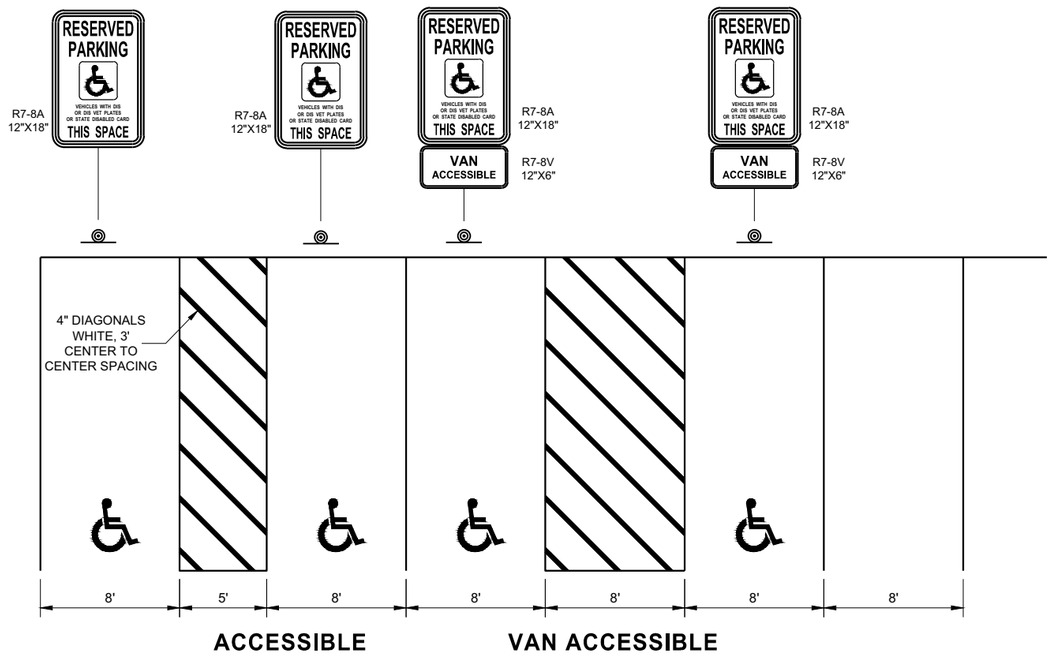
GENERAL NOTES

ALL LINES 4" WHITE (UNLESS OTHERWISE NOTED)

LAST PARKING STALL IS A MINIMUM OF 15' FROM THE CROSSWALK.

LEGEND

SIGN ON PERMANENT SUPPORT



PARKING STALL MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAR ENGINEER

FHWA

SDD 15C36 - 01

SDD 15C36 - 01

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

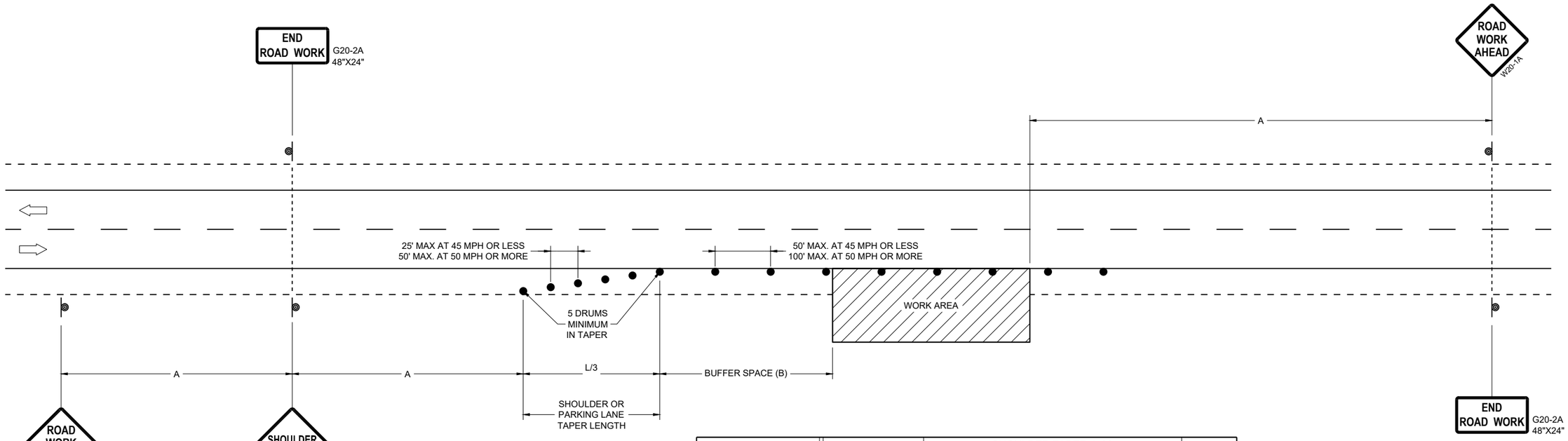
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	155
30	200'	15	20	25	30	35	40	200
35	350'	20	27	34	40	47	54	250
40	350'	26	35	44	53	62	70	305
45	500'	45	59	74	89	104	119	360
50	500'	50	66	83	99	116	132	425
55	500'	54	73	91	109	127	145	495

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

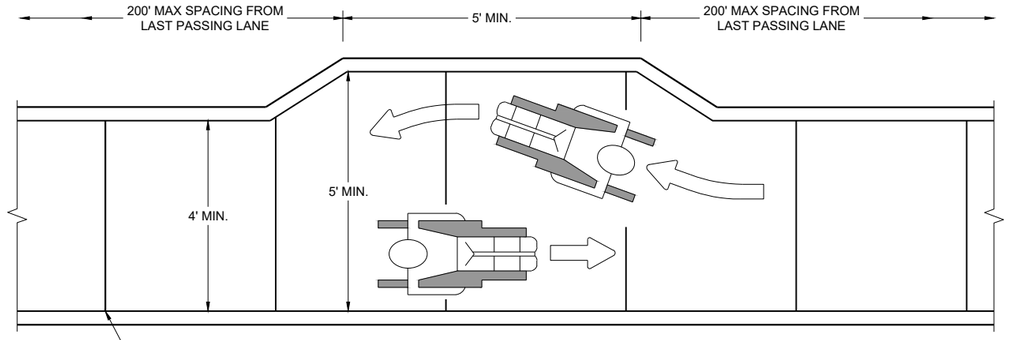
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026
DATE

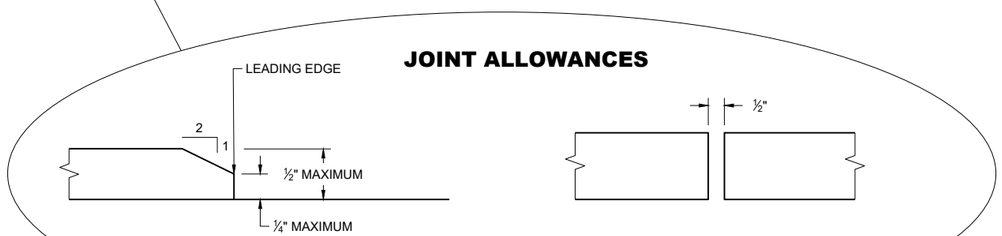
/S/ ANDREW HEIDTKE
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER

FHWA

6
SDD 15D28-06



NARROW SIDEWALK PASSING DETAIL



MAXIMUM VERTICAL GAP

MAXIMUM HORIZONTAL GAP

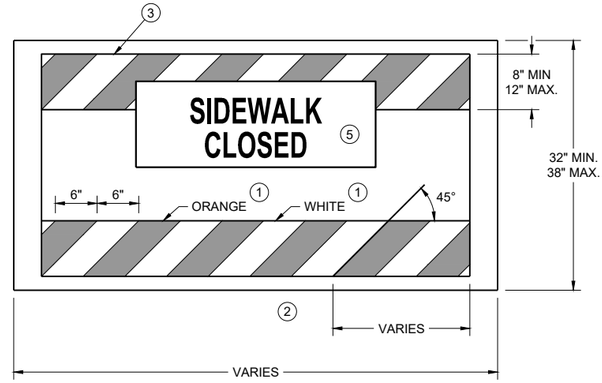
GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

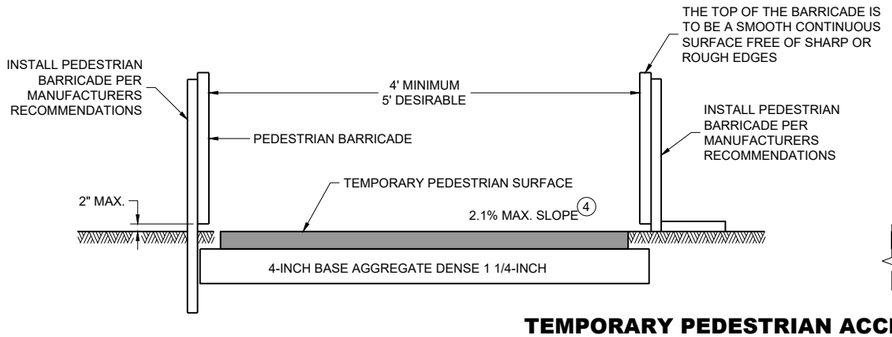
1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

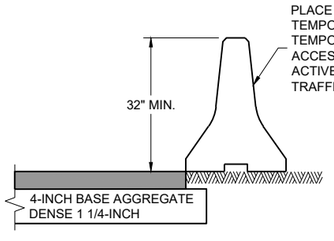
4. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.
5. WHERE SIGNS FOR TEMPORARY PEDESTRIAN ACCOMMODATIONS ARE SHOWN BEING PLACED BEHIND TEMPORARY PEDESTRIAN BARRICADE, THE SIGNS MAY BE MOUNTED ON THE TEMPORARY PEDESTRIAN BARRICADE INSTEAD. A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE SHALL BE USED IF MOUNTED ON THE BARRICADE. THE TOP OF THE SIGN SHALL BE MOUNTED BELOW THE TOP OF THE BARRICADE TO ALLOW A CONTINUOUS HAND-TRAILING EDGE.



TEMPORARY PEDESTRIAN BARRICADE *



TEMPORARY PEDESTRIAN ACCESS





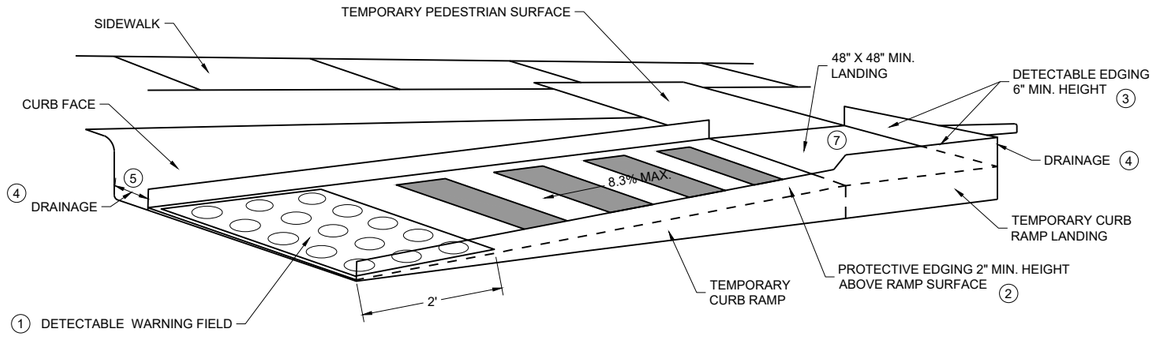
TEMPORARY PEDESTRIAN FLAGGING

LEGEND

- TEMPORARY PEDESTRIAN BARRICADE
- AUDIBLE MESSAGE DEVICE
- TEMPORARY SIGN SUPPORT
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PERSPECTIVE VIEW

GENERAL NOTES

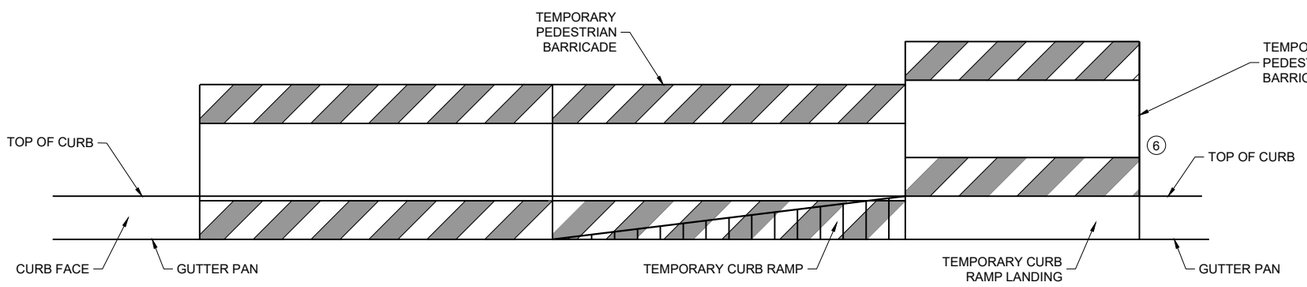
CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

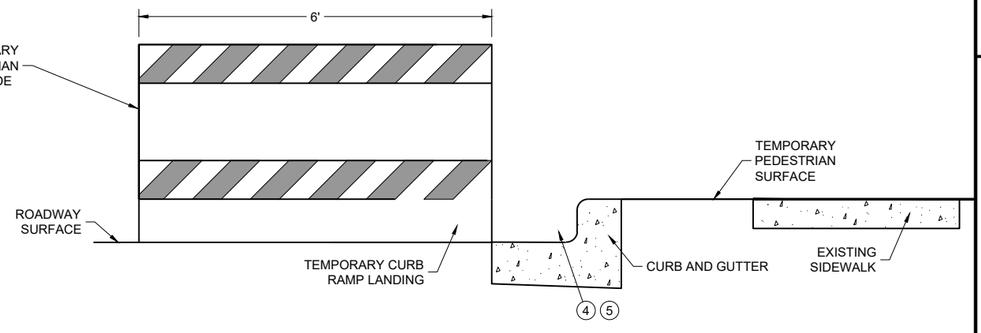
CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

1. INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
5. ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.
6. IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.
7. LANDING TO BE SLOPED A MAXIMUM OF 2.1% IN ALL DIRECTIONS OF PEDESTRIAN TRAVEL.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

6

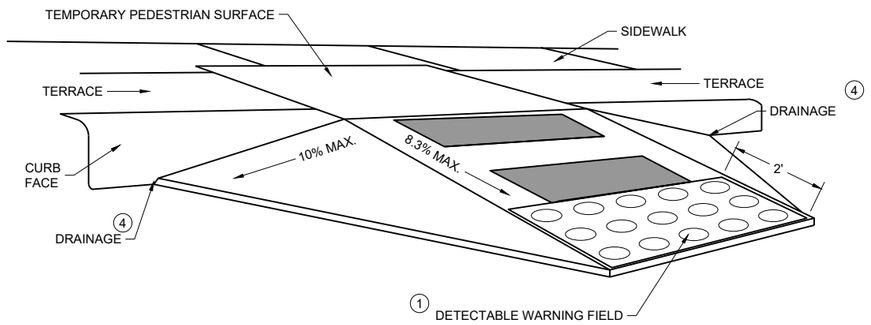
SDD 15D30-12b

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

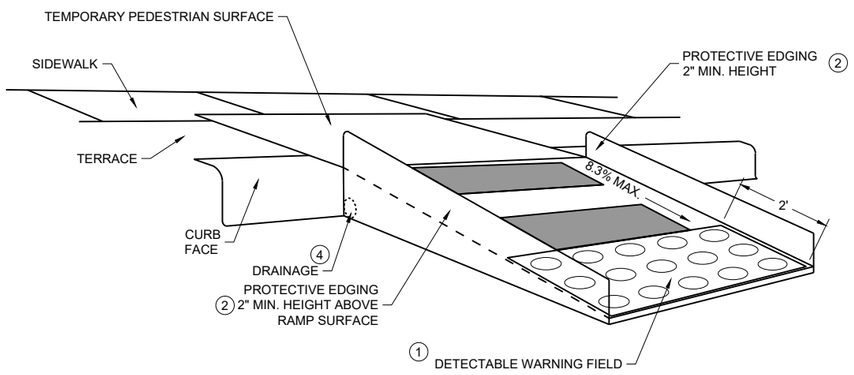
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

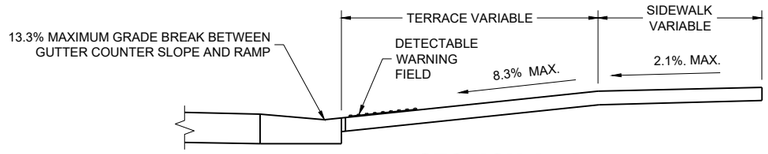
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

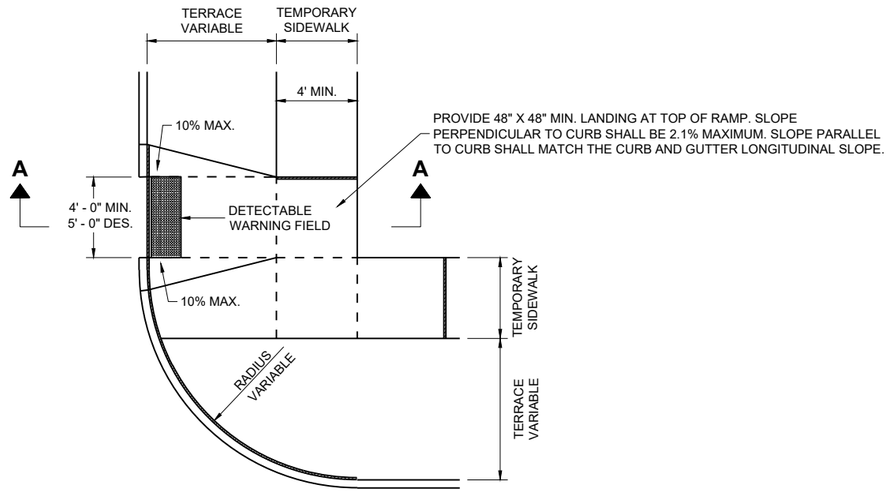
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES



SECTION A - A



PLAN VIEW
TEMPORARY TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

6

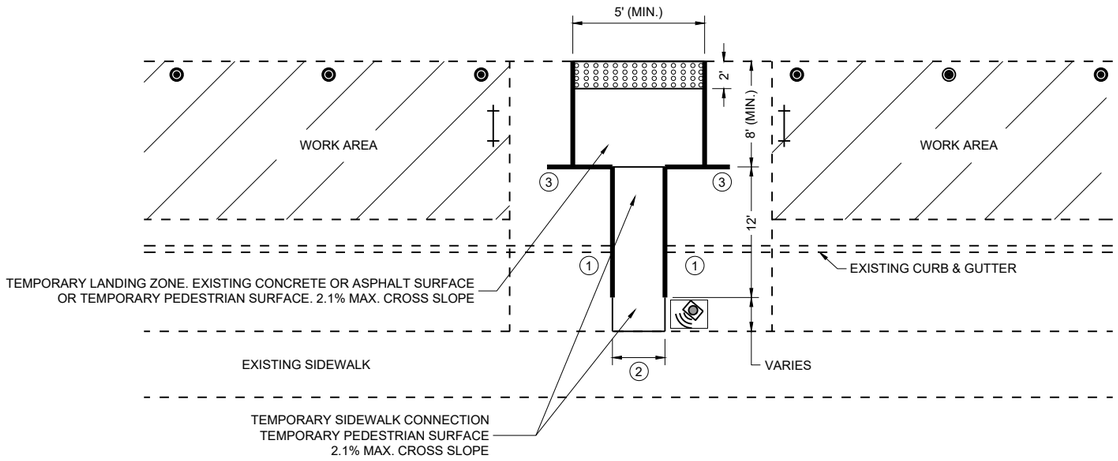
SDD 15D30-12d

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

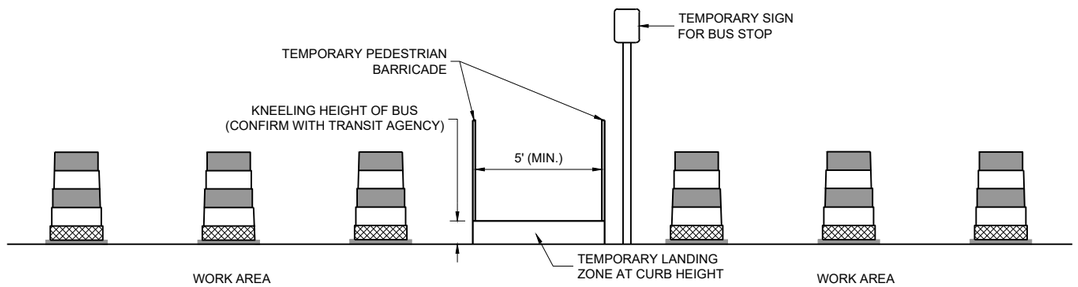
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12d



PLAN VIEW



PROFILE VIEW TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:48 (2.1%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

6

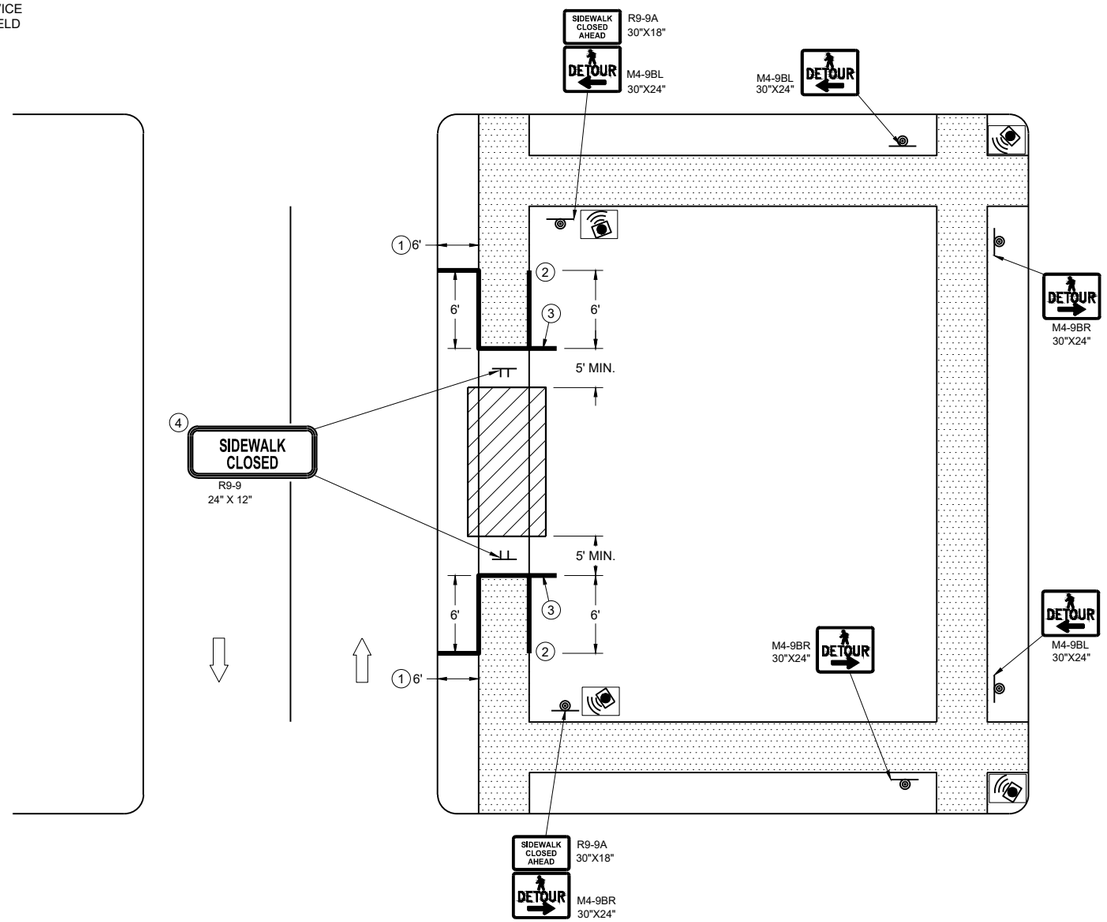
SDD 15D30-12e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

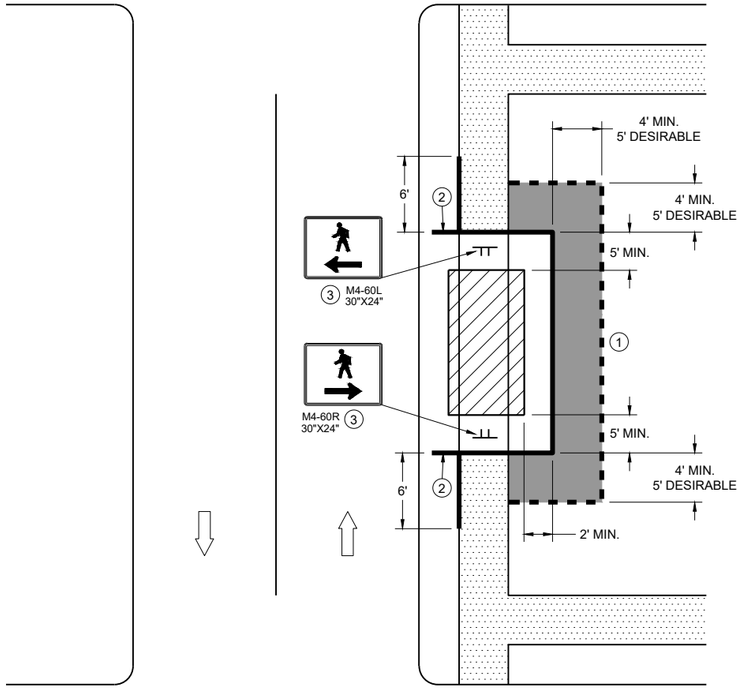
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

(1) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(2) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK BYPASS
SINGLE SIDE

6

SDD 15D30-12g

6

SDD 15D30-12g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

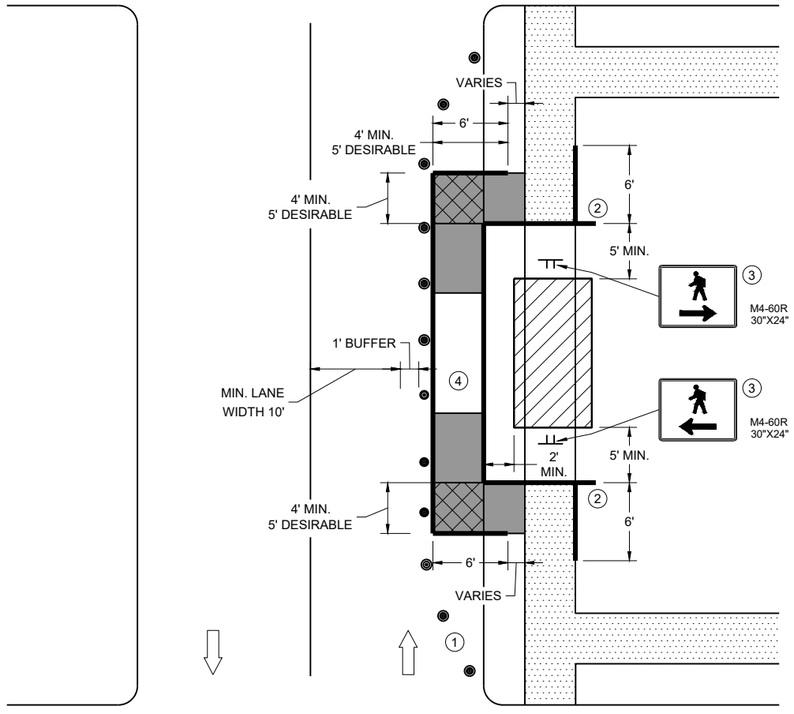
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURFACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE. WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.



SIDEWALK BYPASS, SINGLE SIDE

6

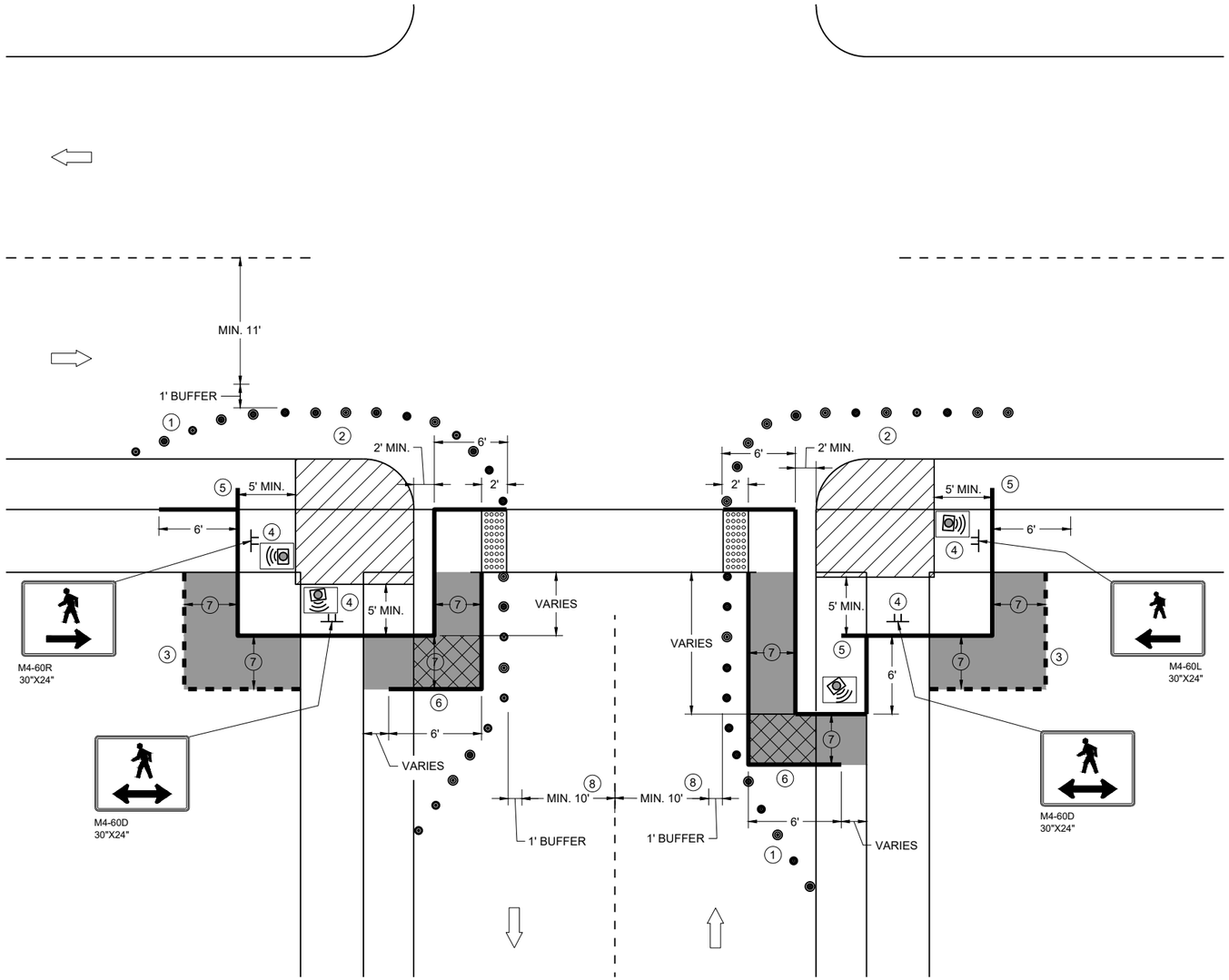
SDD 15D30-12h

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30-12h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

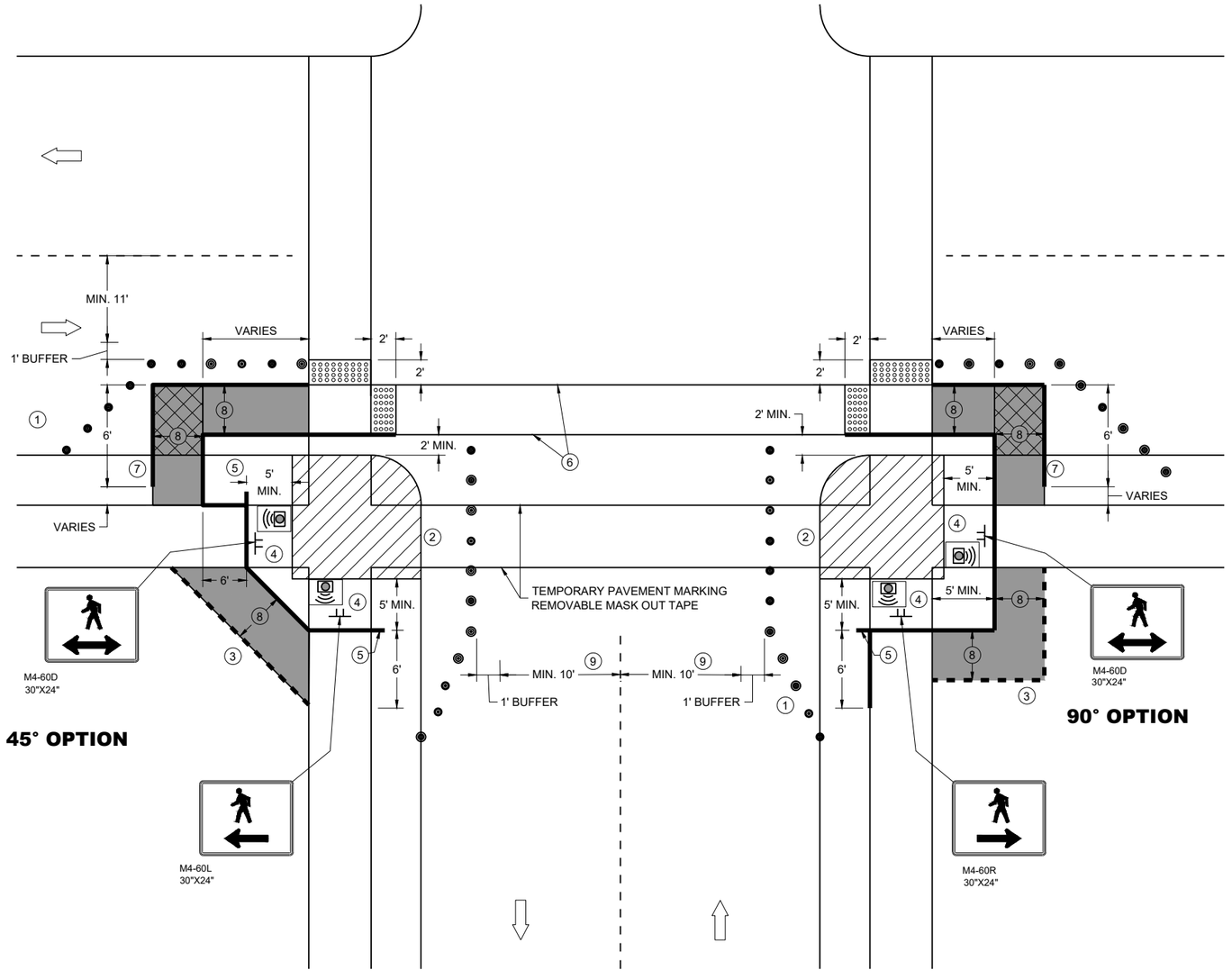
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12i



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) WHITE 6" TEMPORARY PAVEMENT MARKING

(7) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(8) 4 FEET MINIMUM, 5 FEET DESIRABLE

(9) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

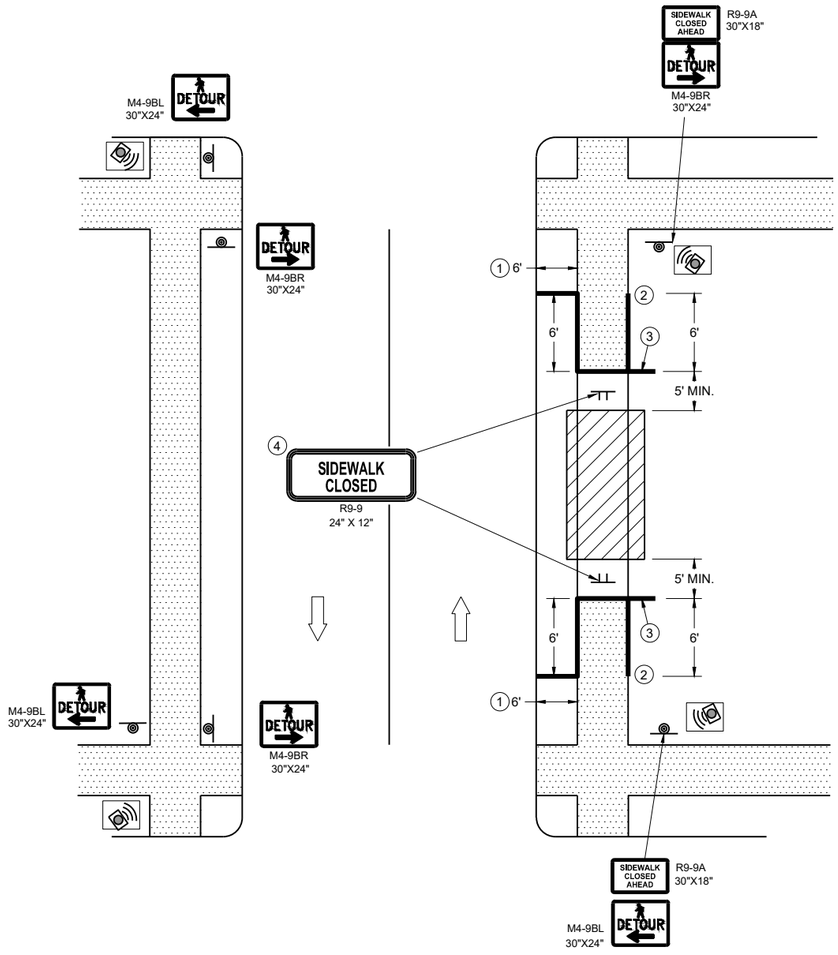
TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15D30-12j

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

SIGNS THAT REMAIN IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

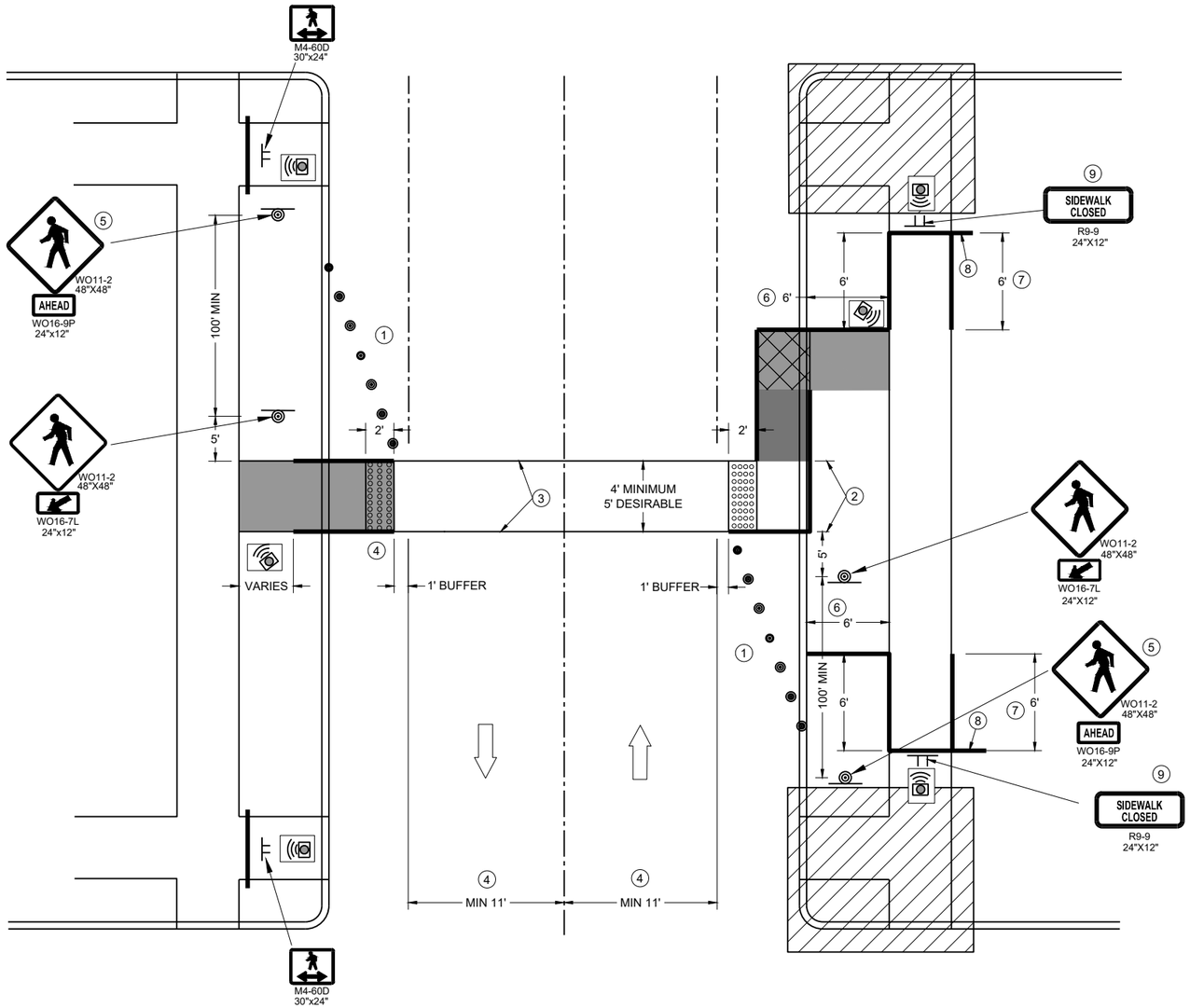
1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

6

SDD 15D30-12k

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

WHEN THE TEMPORARY PEDESTRIAN ACCESS ROUTE RUNS PARALLEL ON THE ROADWAY SURFACE, THE MAXIMUM CROSS SLOPE WILL MATCH THE EXISTING ROADWAY CROSS SLOPE.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC
- TEMPORARY AUDIBLE MESSAGE DEVICE (EXACT PLACEMENT BASED UPON FIELD CONDITIONS)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

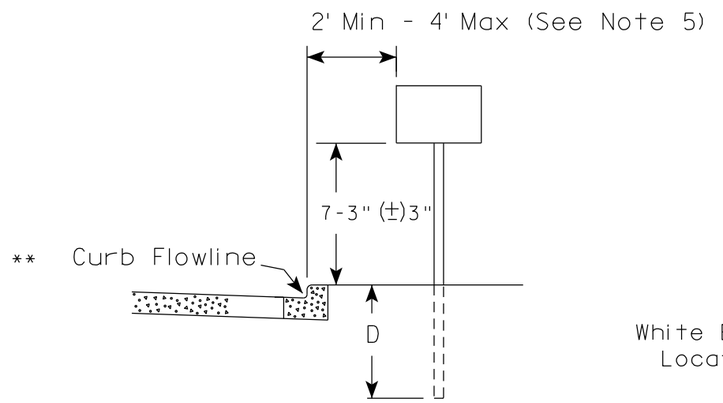
APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

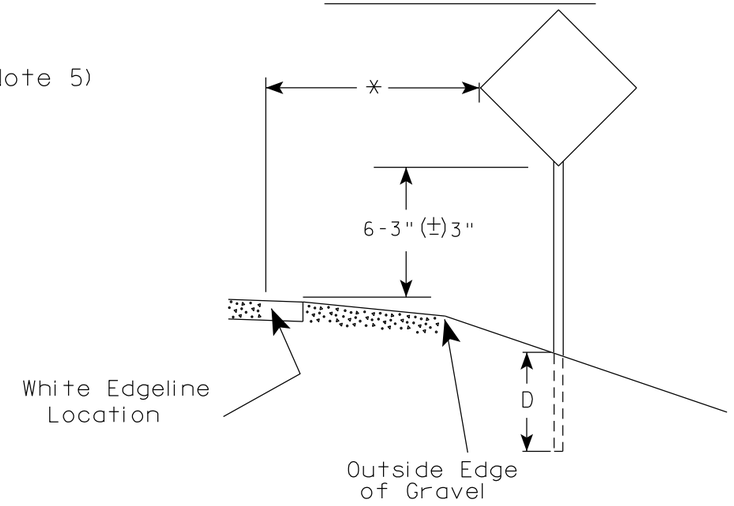
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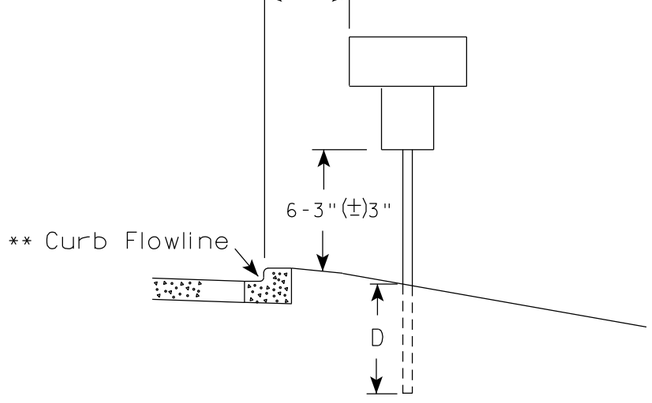
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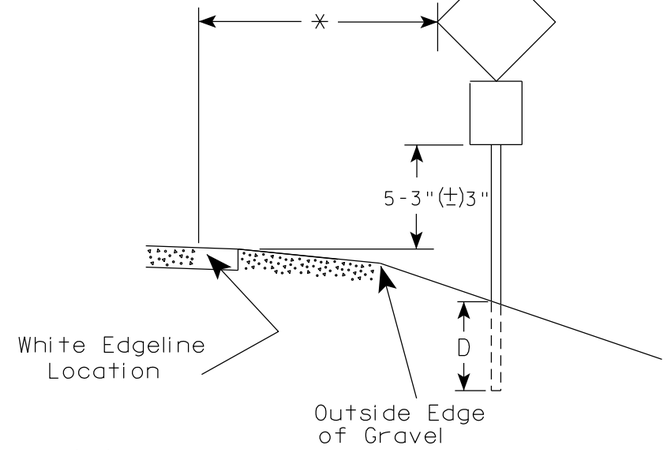
URBAN AREA



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.

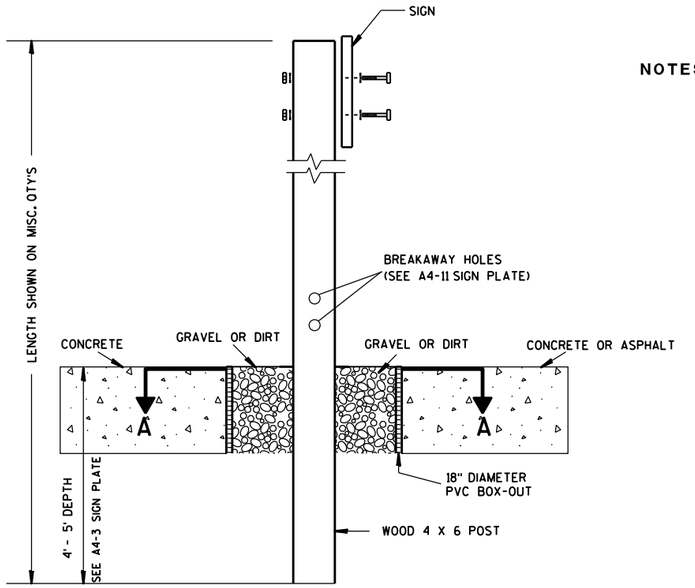
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

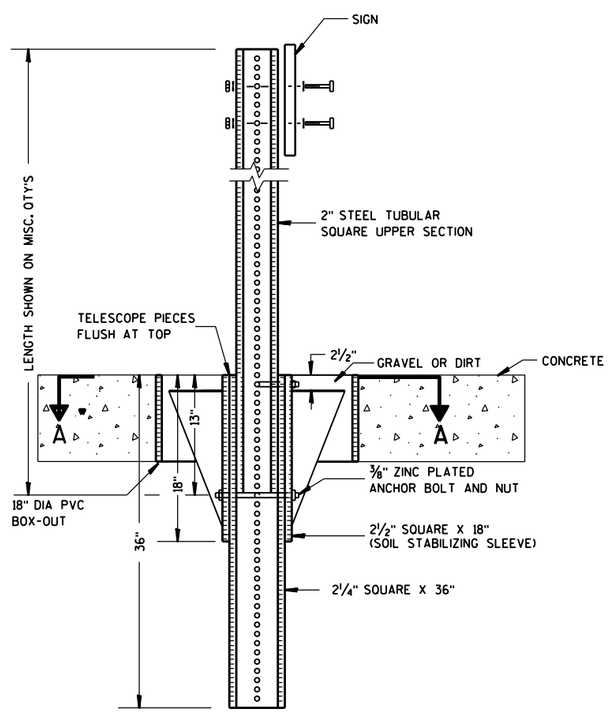
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 164	E



ELEVATION VIEW

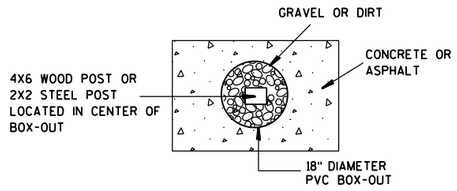
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

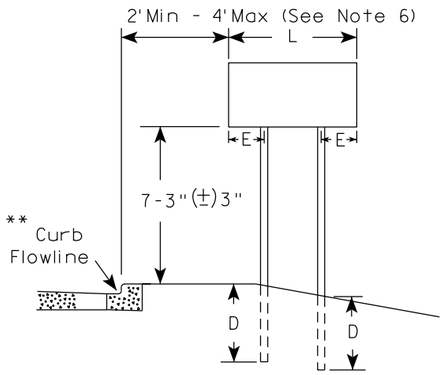
APPROVED Matthew R Rauch
for State Traffic Engineer

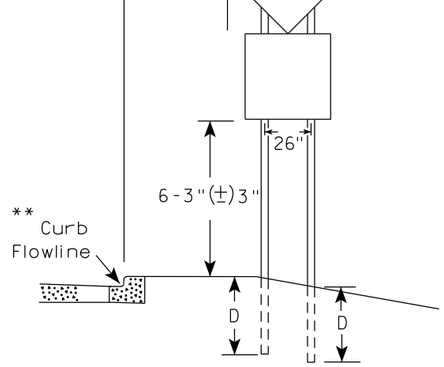
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

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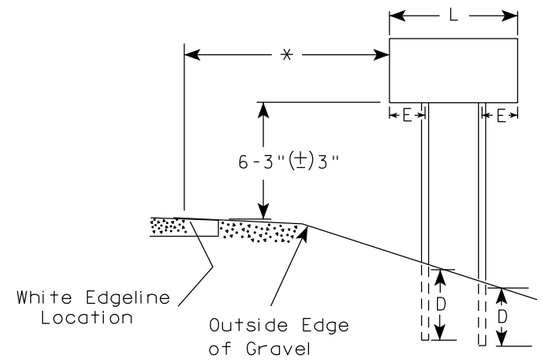
URBAN AREA

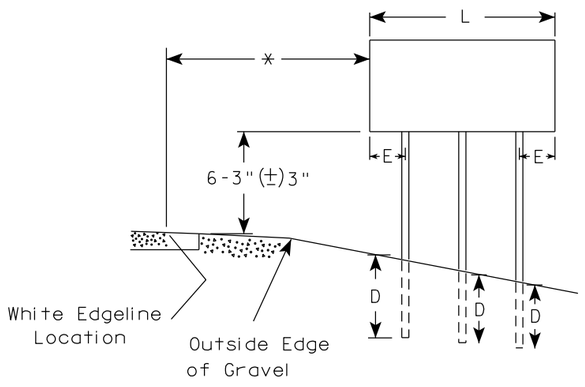


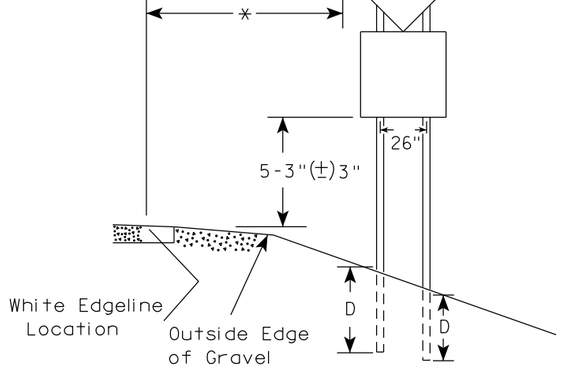


48" DIAMOND WARNING SIGN

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'

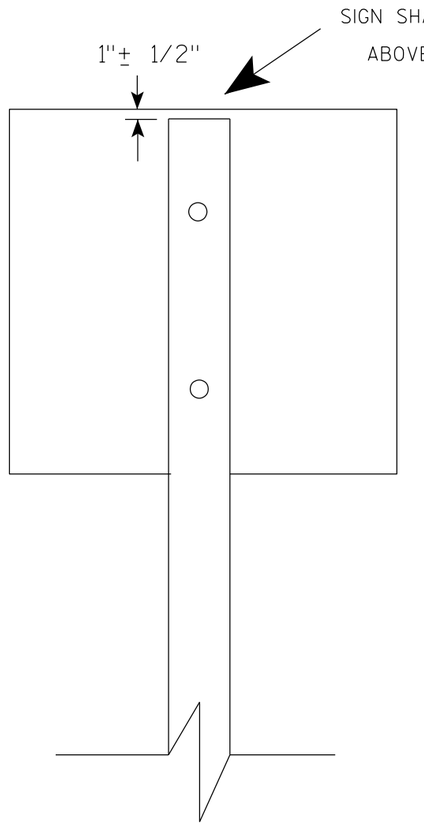
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

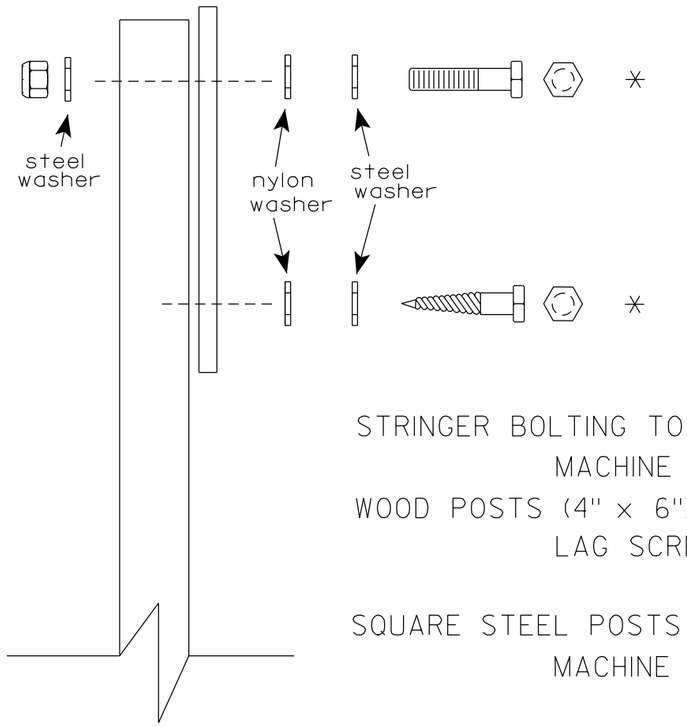
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 166	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:

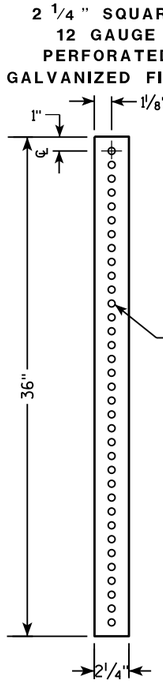
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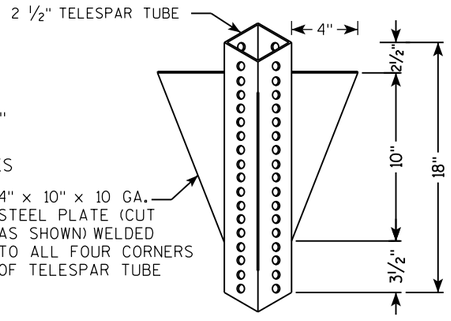
WISDOT/CADDS SHEET 42

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

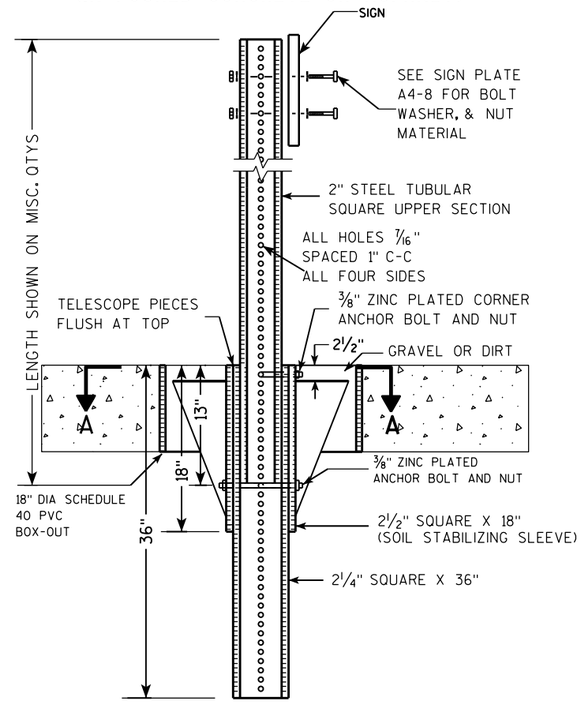
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



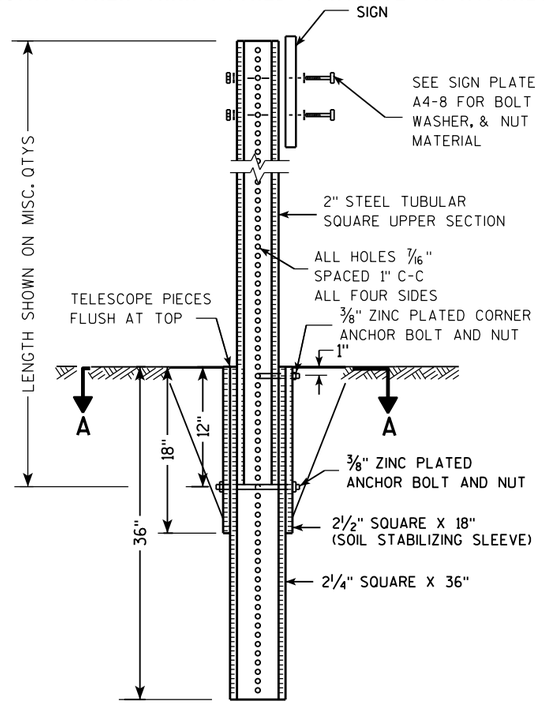
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

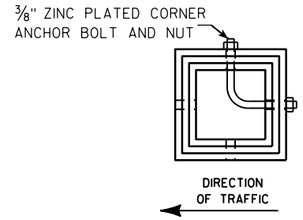


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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

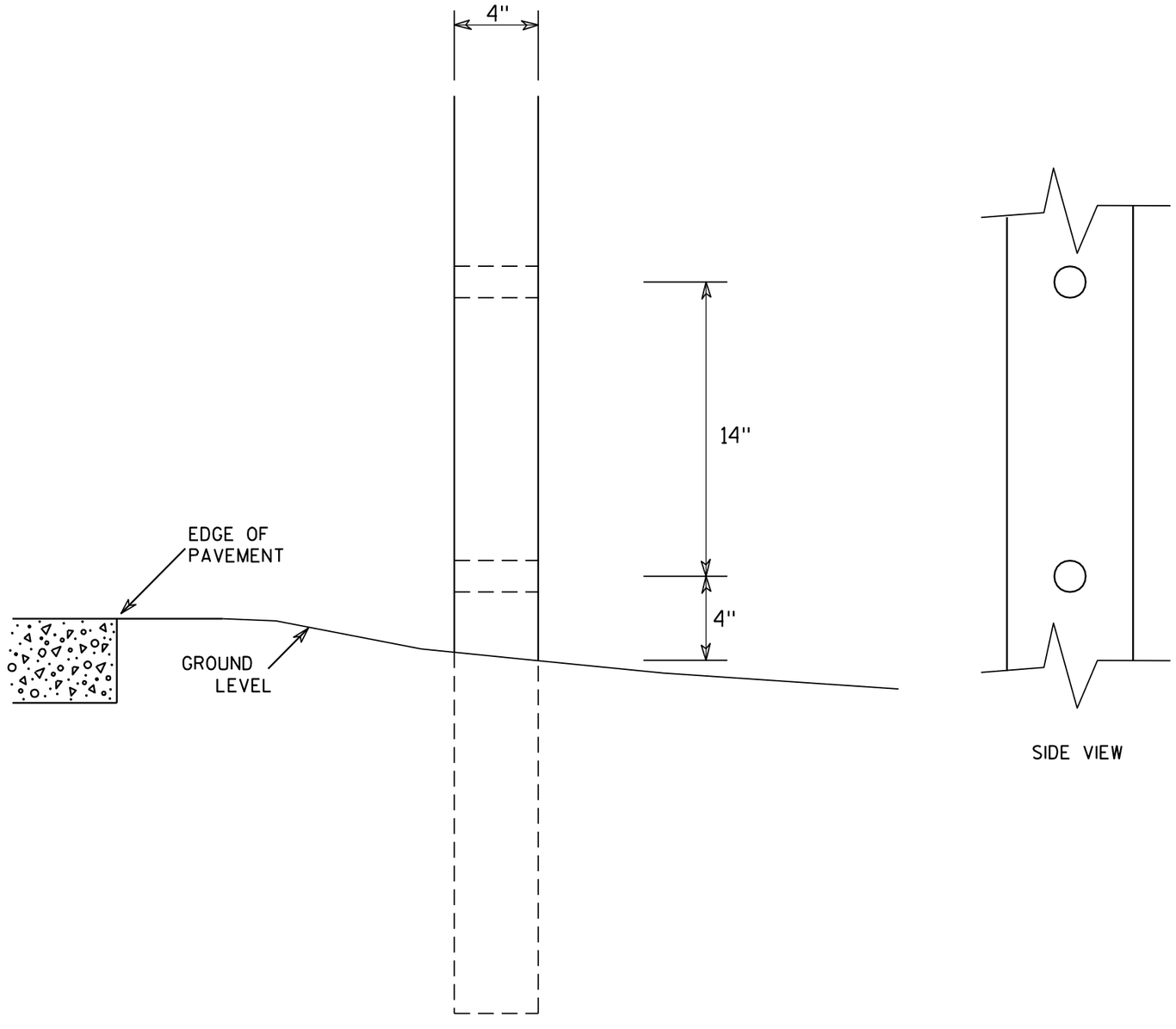
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42



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.

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4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

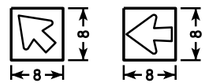
APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

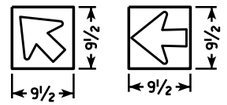
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 169	E

SIGN LAYOUT WITH VARIOUS SIZED MESSAGES

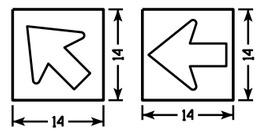




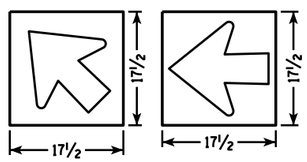










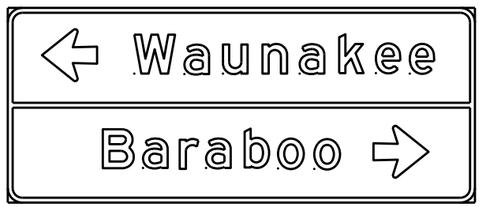


GENERAL NOTES

1. Materials shall conform to Standard Specification Section 637.
   Base - Sheet Aluminum 0.040" Thickness
   Sheeting - Orange Type F Reflective
   Arrow - Black Non-Reflective
2. Arrow signs shall be fastened to permanent sign by either aluminum rivets or aluminum self-tapping sheet metal screws. There shall be a minmum of 2 fasteners used per arrow sign.
3. There shall be a spacer consisting of a 0.08" nylon washer between the back of the arrow sign and the face of the permanent sign.
4. Arrows are per standard plate A1-2
5. Use separate arrow sign for each destination
6. Tilt arrow is always at 45 degrees
7. Arrow is centered on arrow sign

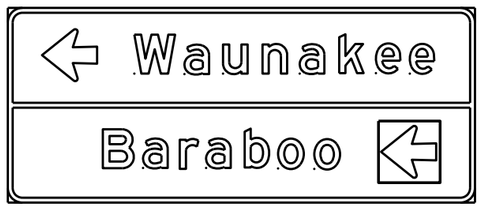
Lower Case Copy Size	Standard Width (Single Arrow)	2 Line Tilt Arrow Cover Width	3 Line Tilt Arrow Cover Width	Height
3¾" Series C	8	9 ½	14 ½	8
4½" Series D & E	9 ½	10	15	9 ½
6" Series D & E	14	16	20 ½	14
8" Series E	17 ½	20 ½	25	17 ½

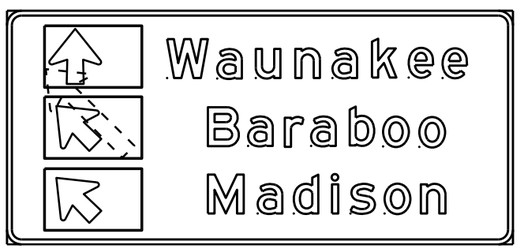
BEFORE





AFTER





DESTINATION DIRECTIONAL ARROW FOR DETOUR SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/08/14

A4-12.2

PROJECT NO:

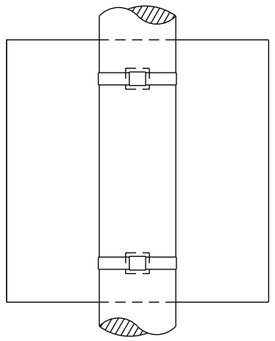
SHEET NO: E

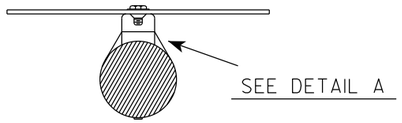
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A412.DGN PLOT DATE : 08-OCT-2014 11:50 PLOT BY : mscsja

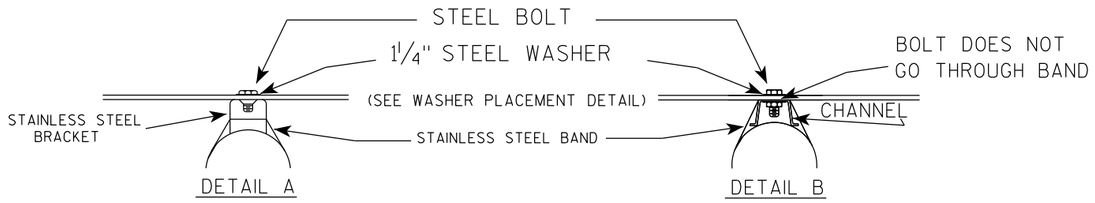
WISDOT/CADDS SHEET 42

BANDING

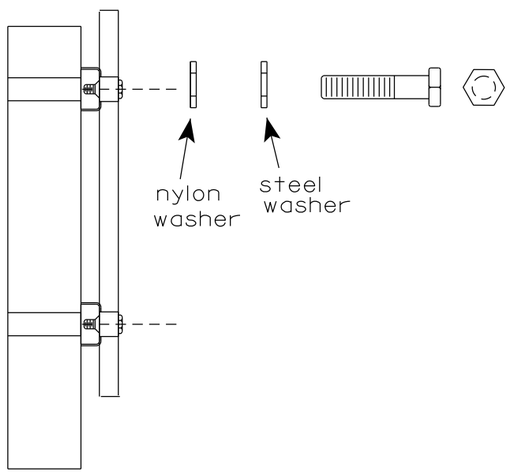
SINGLE SIGN







WASHER PLACEMENT

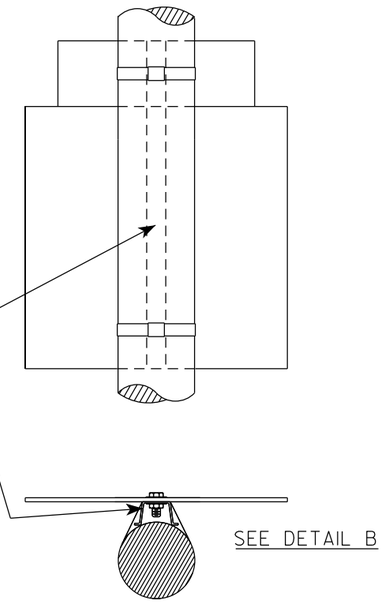


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

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

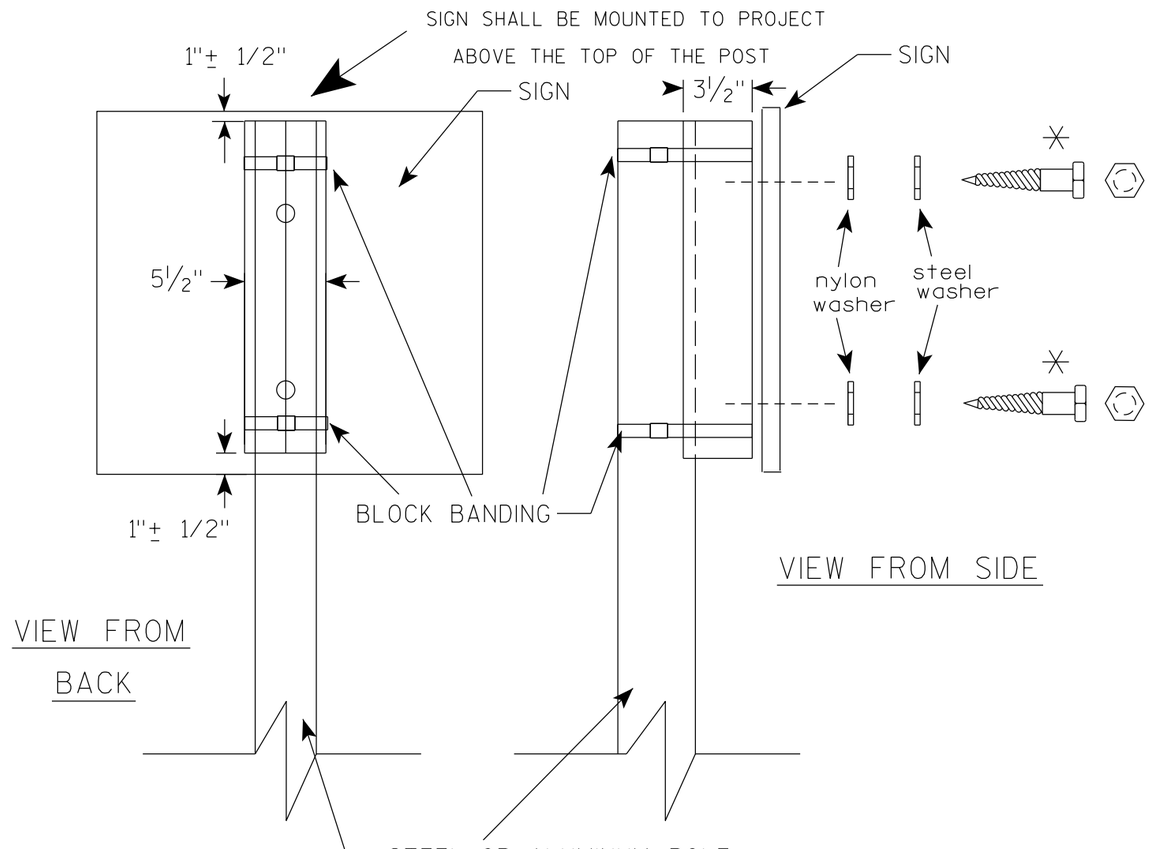
DATE 6/10/19 PLATE NO. A5-9.4

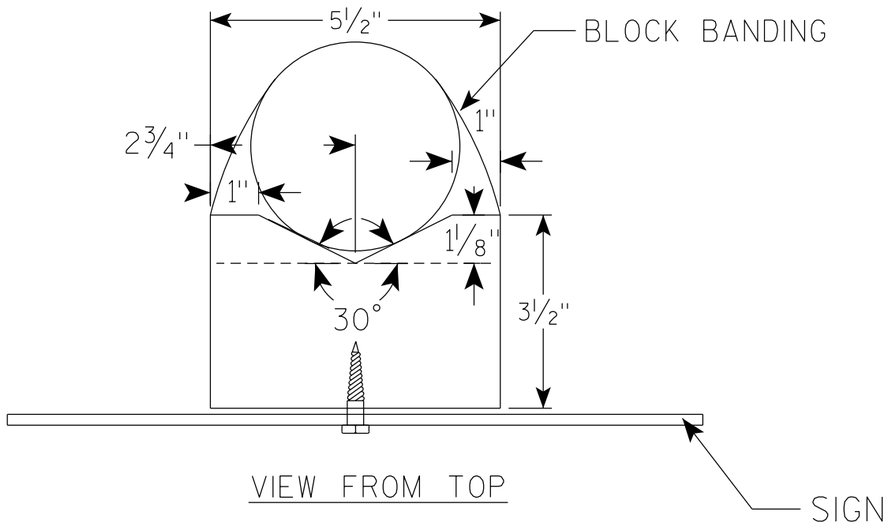
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 171	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

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GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

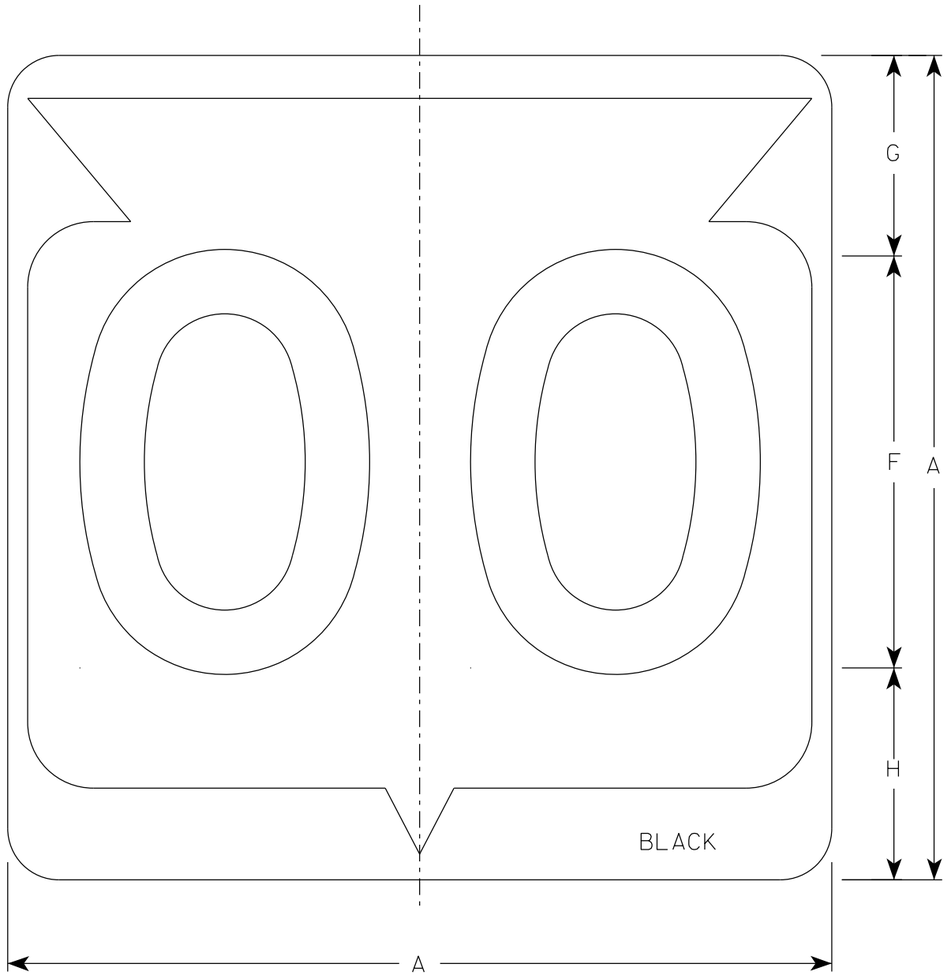
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

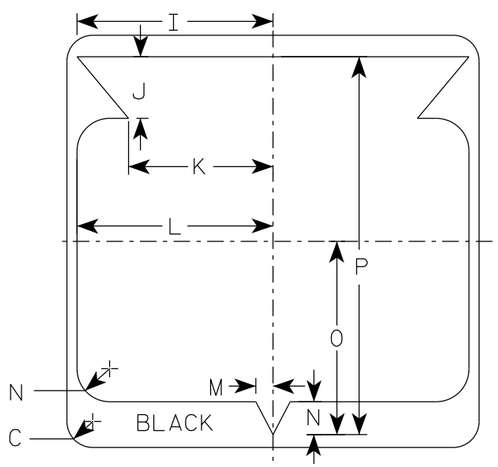
SHEET NO: 172 E



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

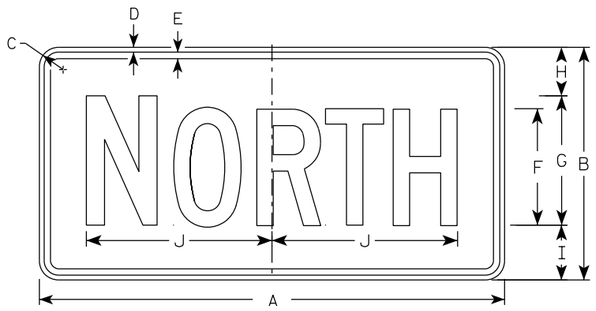
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

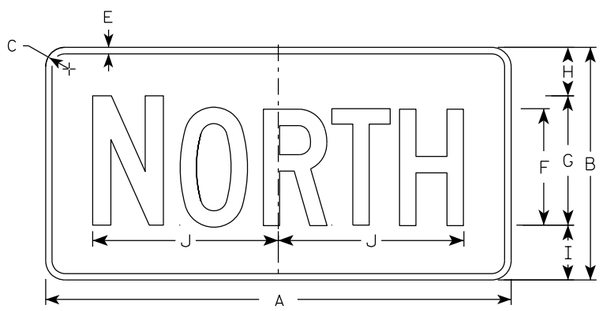
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

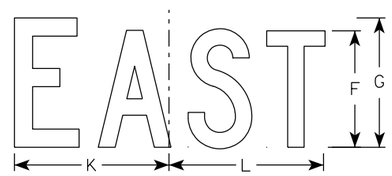
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 173	E



M3-1
MM3-1
MP3-1



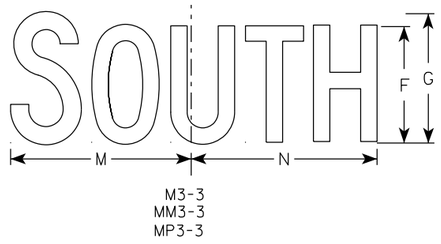
MB3-1
MK3-1
MN3-1



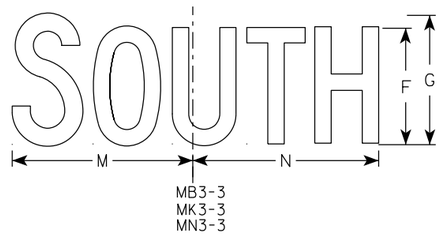
M3-2
MM3-2
MP3-2



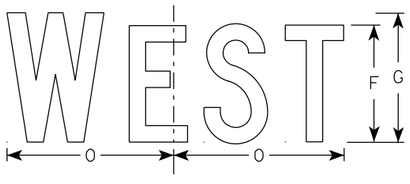
MB3-2
MK3-2
MN3-2



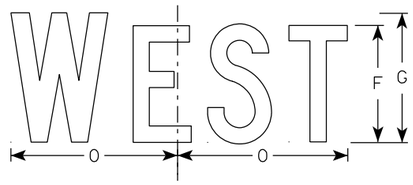
M3-3
MM3-3
MP3-3



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

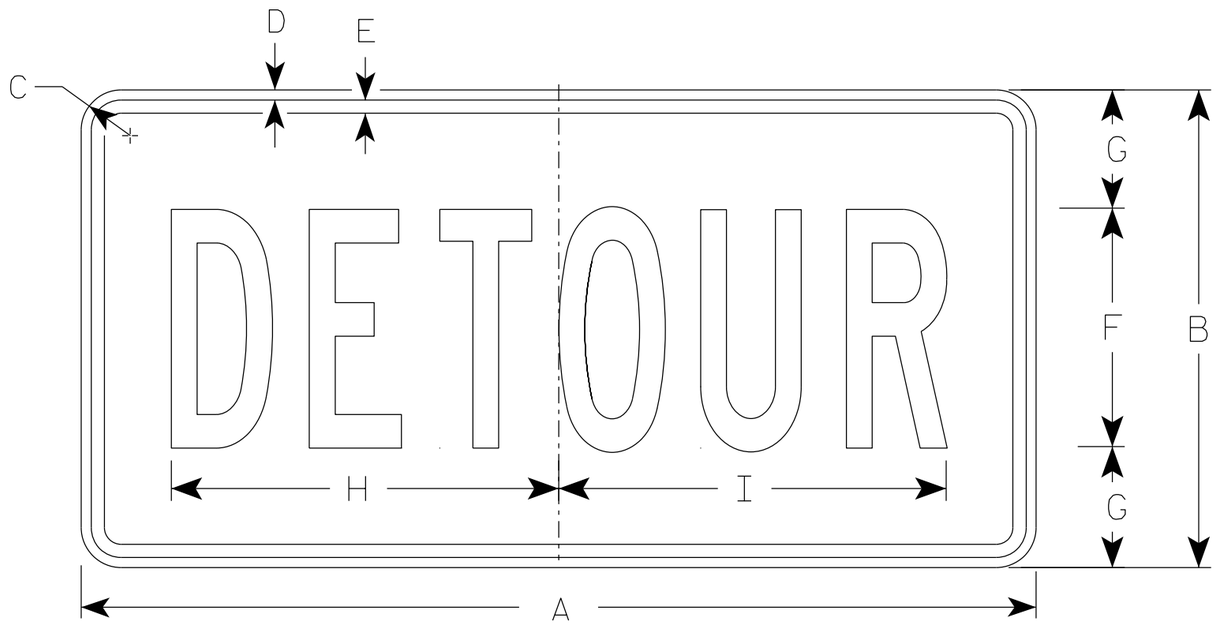
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 174 | E

7



M4-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

STANDARD SIGN
M4-8

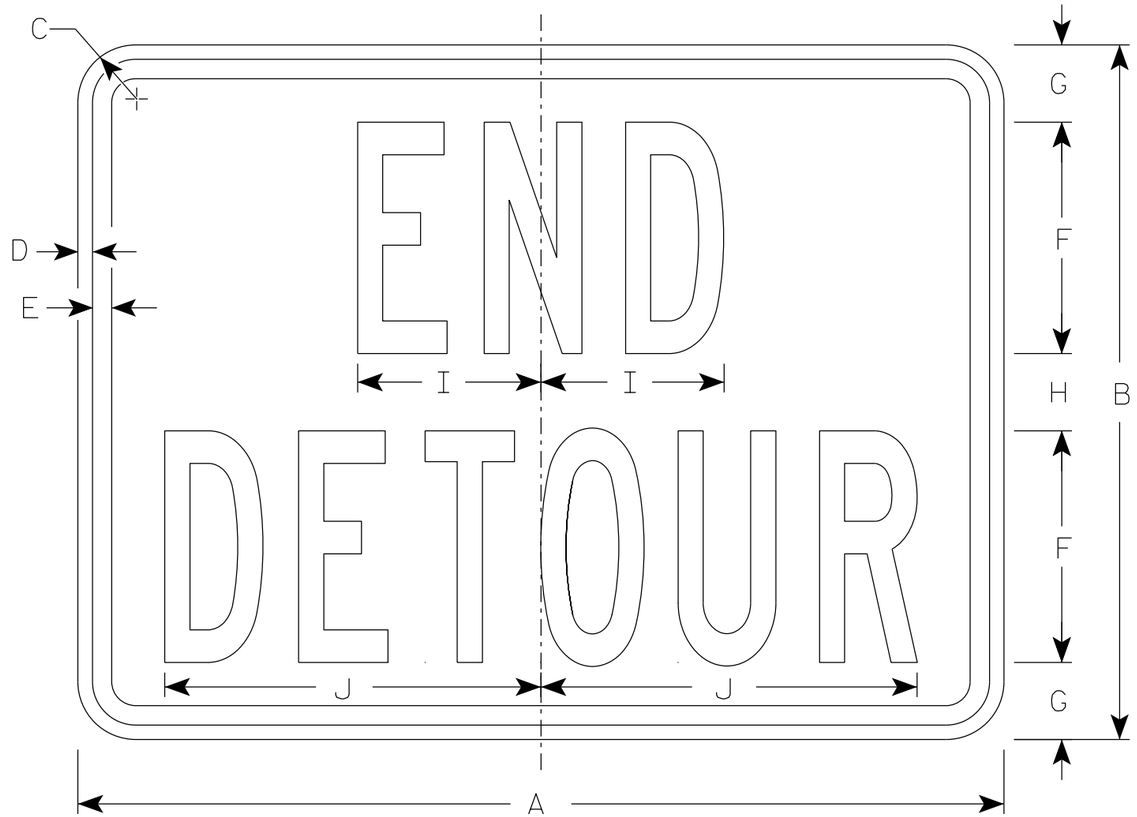
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M48.dgn PLOT DATE : 9-FEB 2023 7:38 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

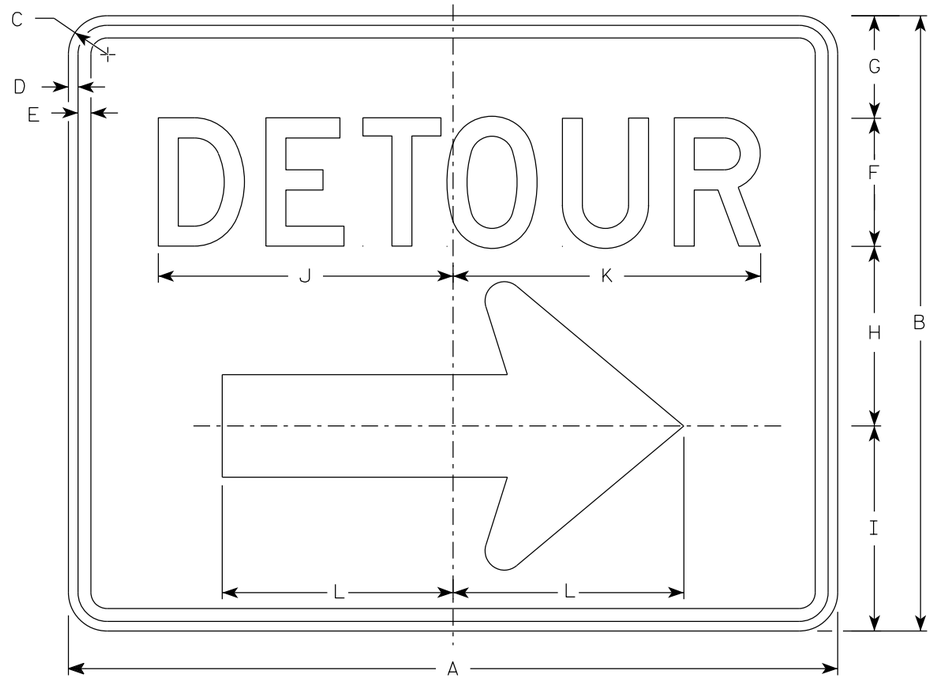
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

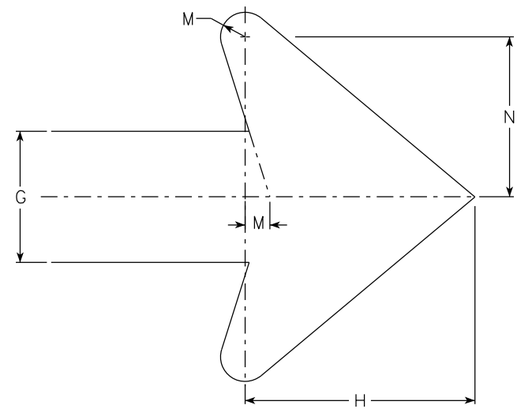
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 176 | E



M4-9R

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.
4. M4-9L is the same as M4-9R 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																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

STANDARD SIGN
M4-9 R & L

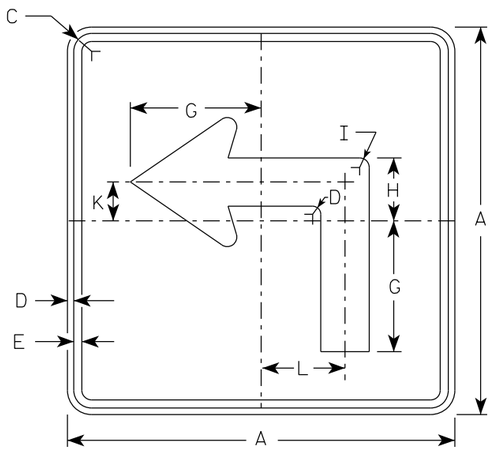
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

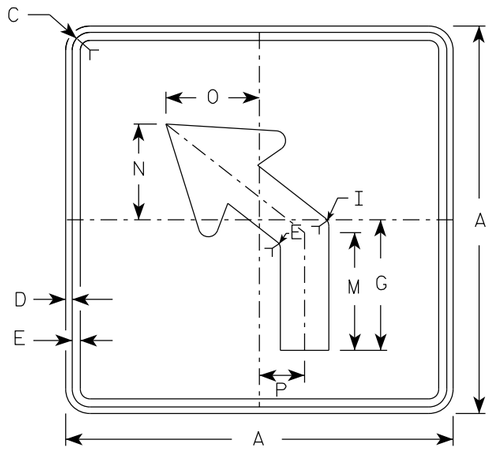
DATE 2/9/2023 PLATE NO. M4-9R.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

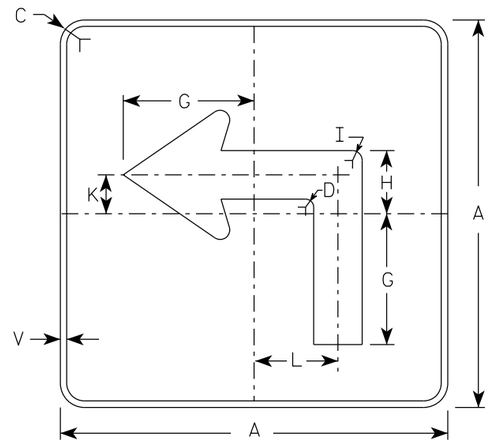
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49R.dgn PLOT DATE : 21-MARCH 2023 1:40 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



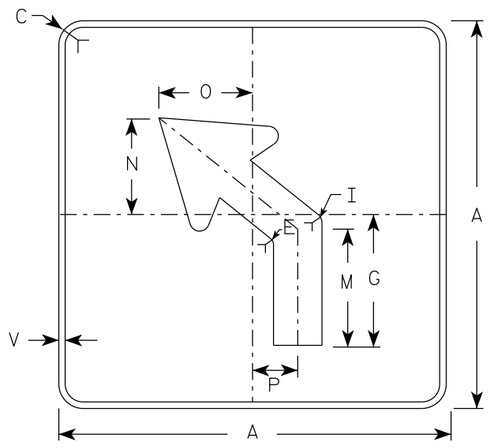
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

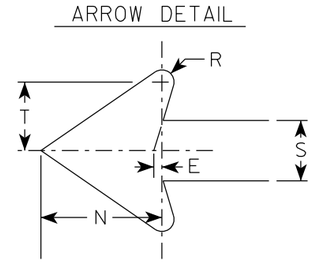


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

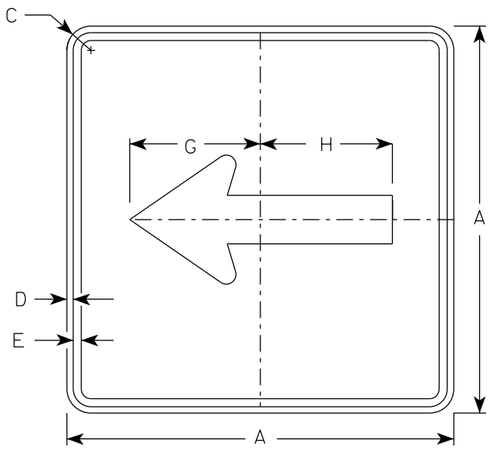
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

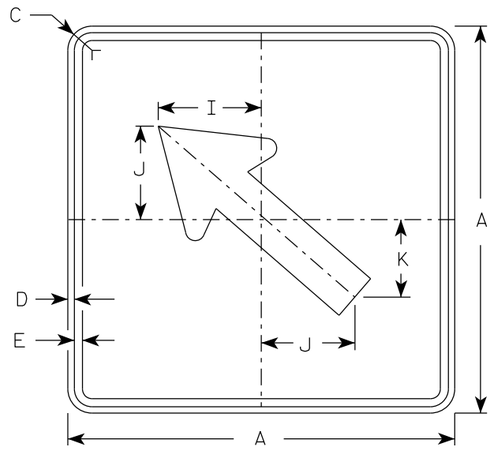
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

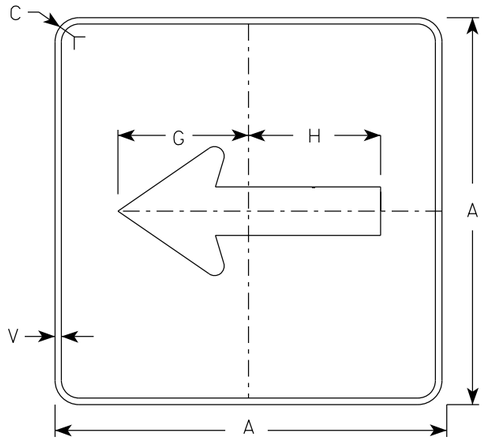
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 178 | E



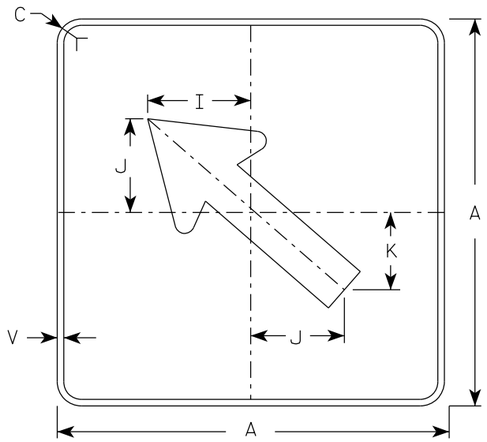
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

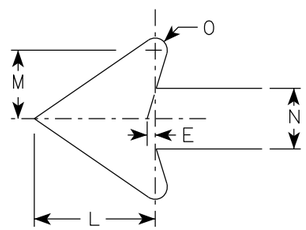


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

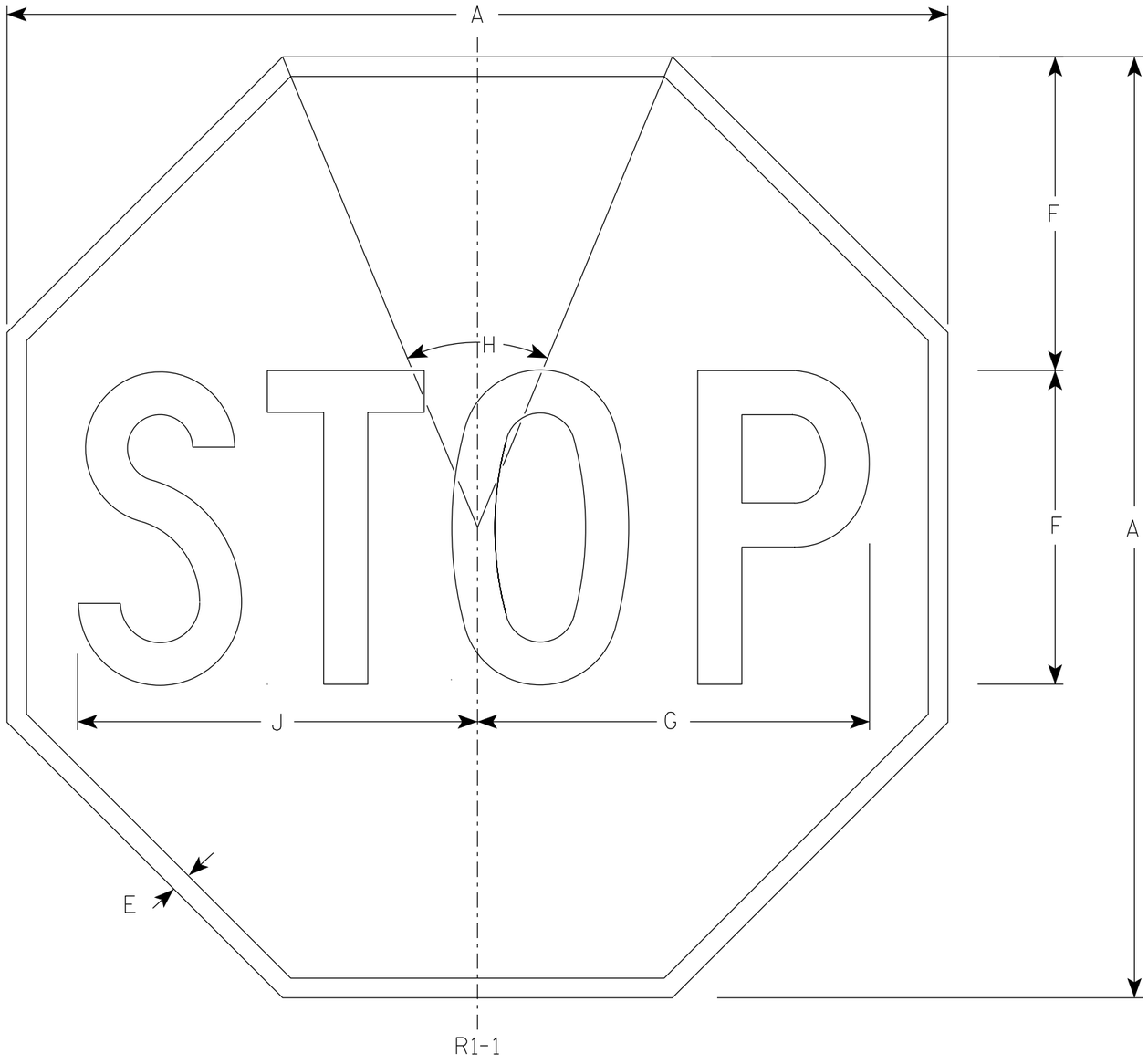
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 179 | E

7

7



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86

STANDARD SIGN
R1-1

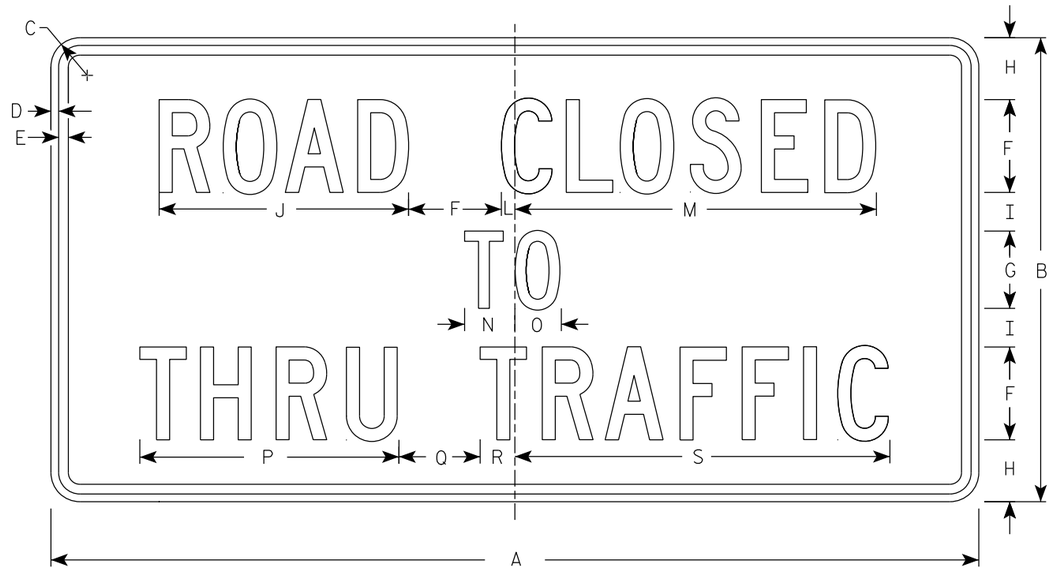
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/9/2025 PLATE NO. R1-1.14

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 180	E

7



R11-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

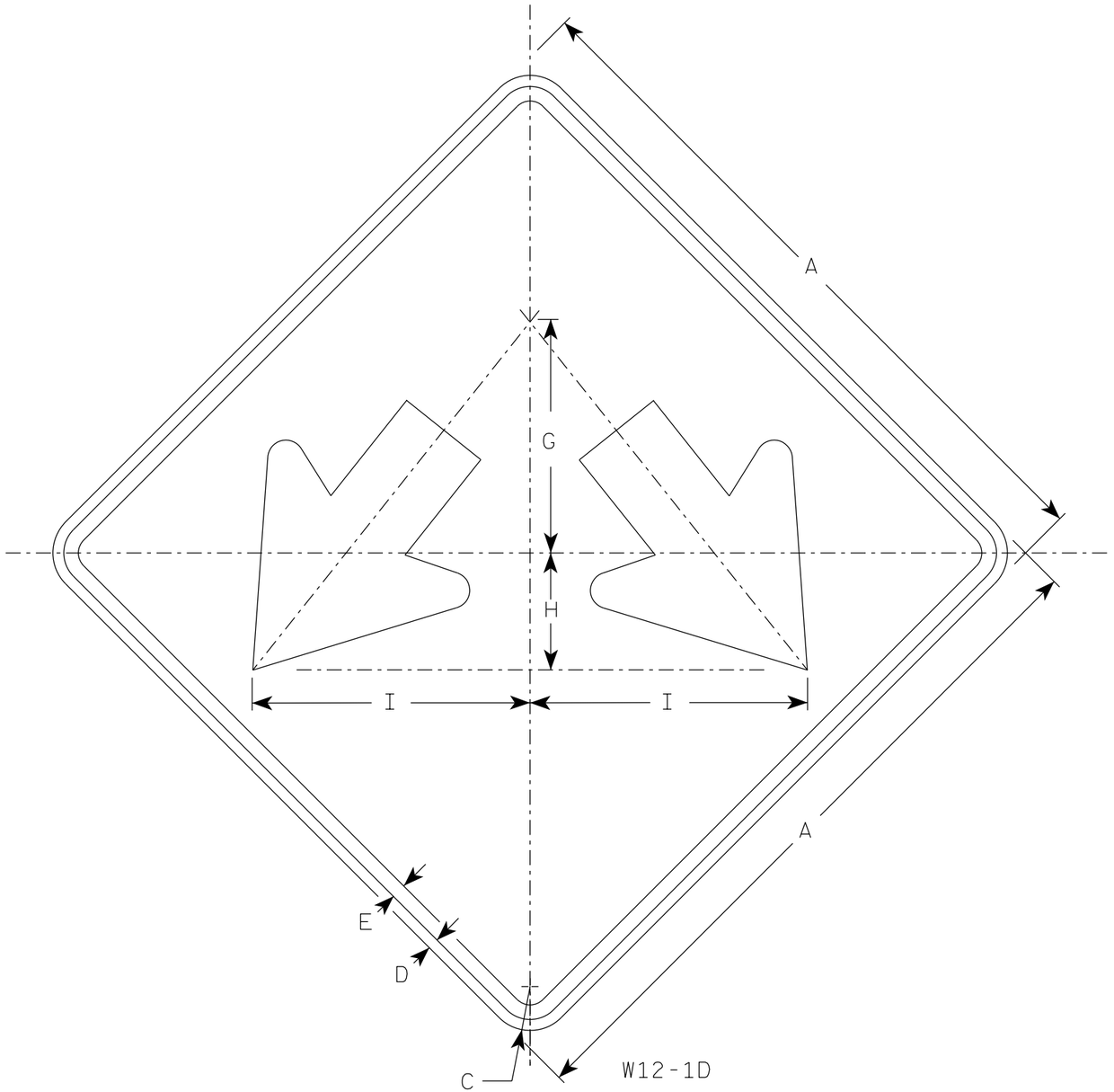
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

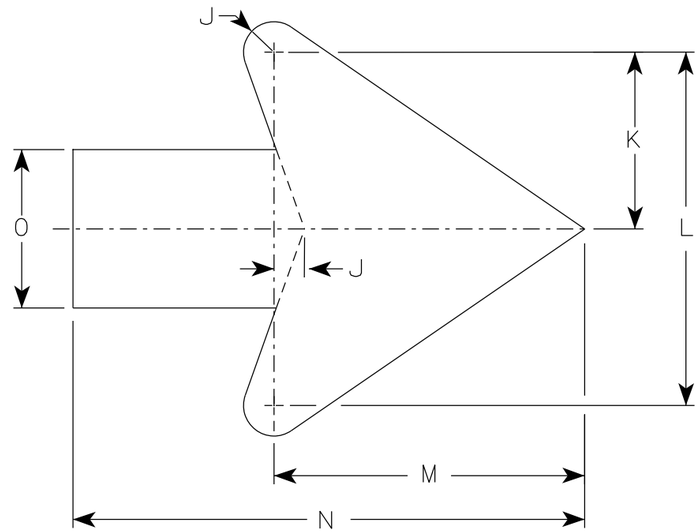
DATE 2/5/24 PLATE NO. R11-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 181 | E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1																											
2S	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
2M	24		1 ½	½	⅜		8	4	9 ½	⅜	3 ⅜	7 ¼	6 ⅜	10 ⅜	3 ¼												4.0
3	30		1 ⅞	½	⅝		10	5	11 ⅞	¾	4 ½	9	7 ⅞	13	4												6.25
4	36		2 ¼	½	⅝		12	6	14 ¼	1	5 ½	10 ⅞	9 ⅝	15 ¾	4 ¾												9.0
5	48		3	¾	1		16	8	19	1 ¼	7 ¼	14 ½	12 ¾	21	6 ¼												16.0

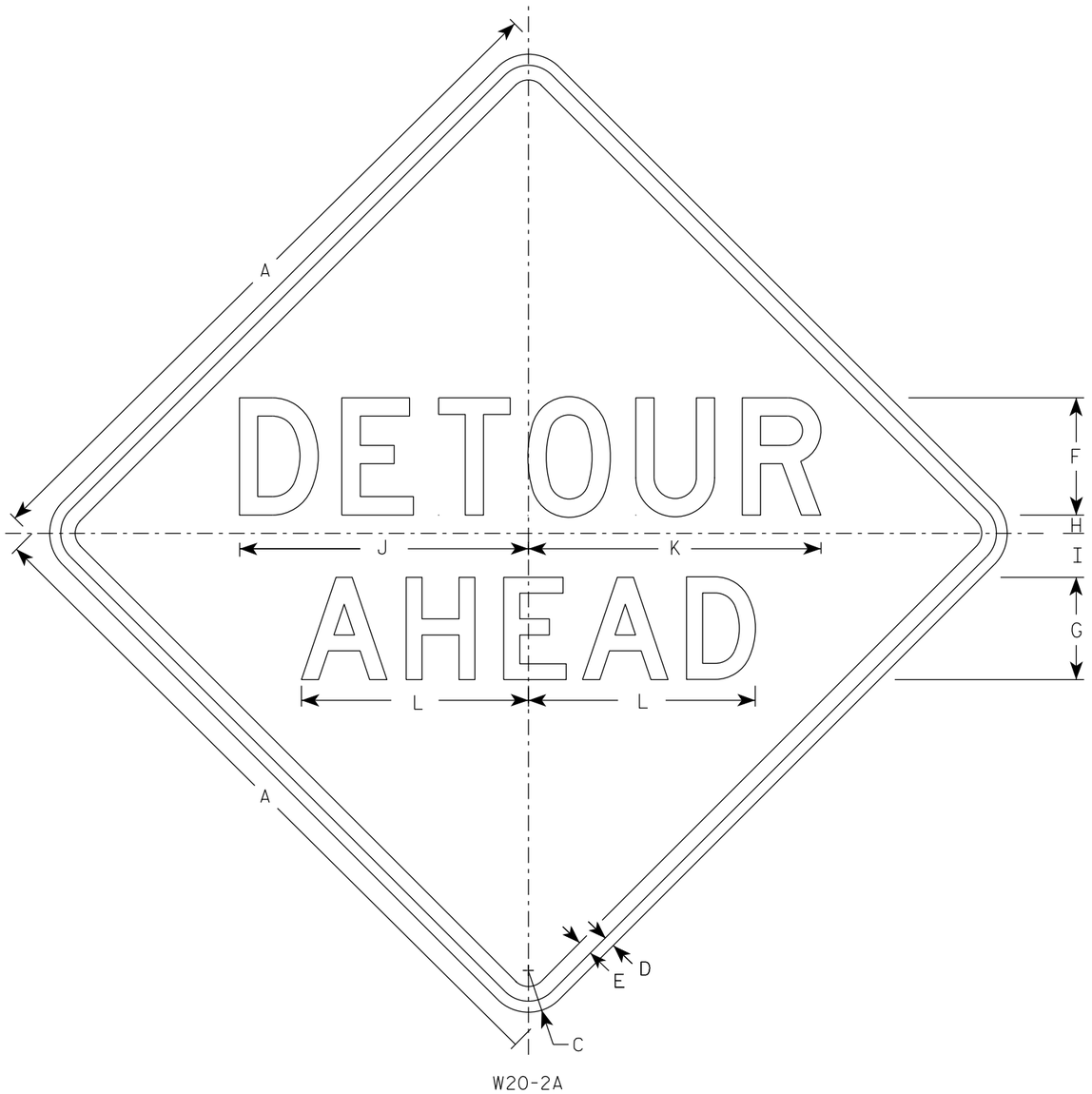
STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

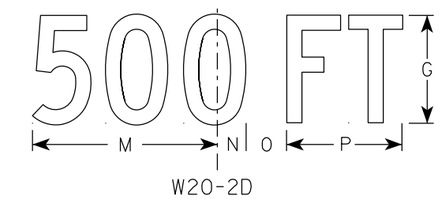
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/30/2023 PLATE NO. W12-1D.16

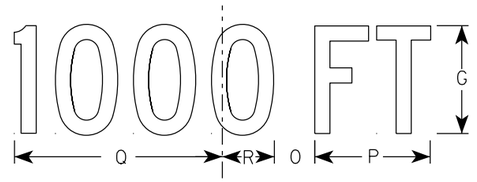
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 182	E



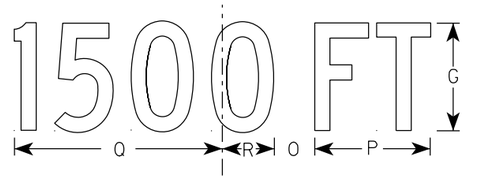
W20-2A



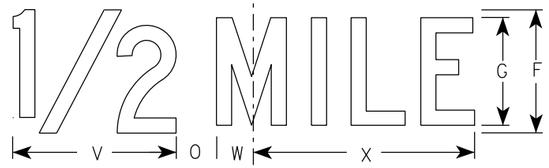
W20-2D



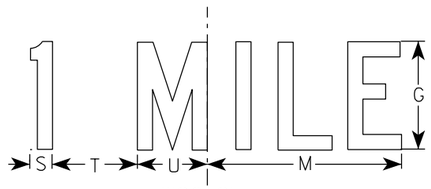
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

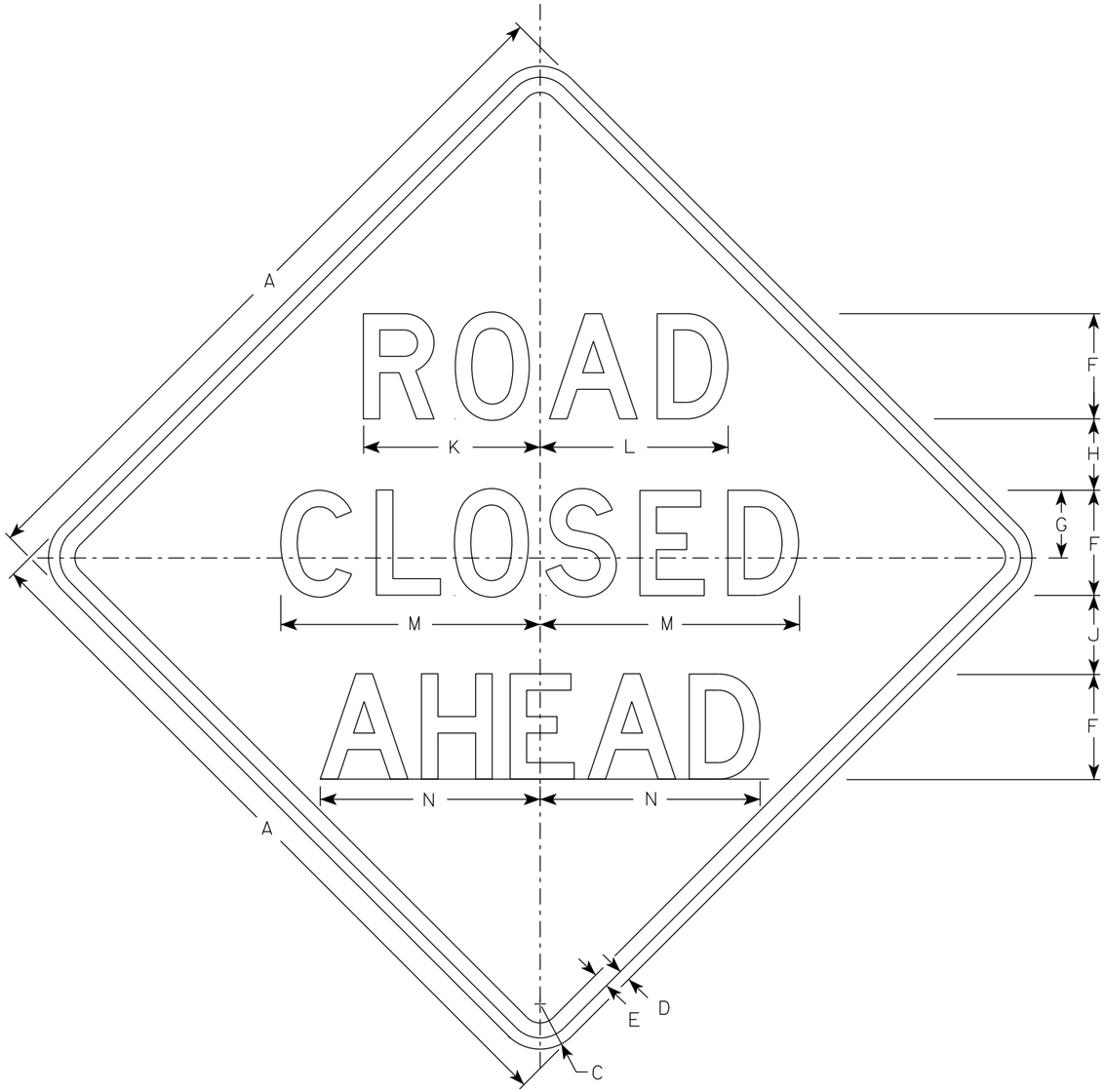
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

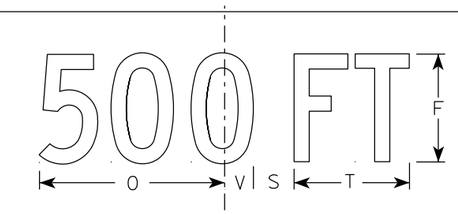
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO: E

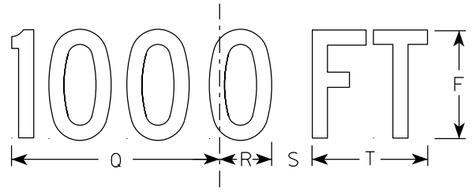
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



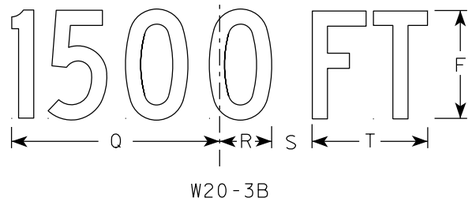
W20-3A



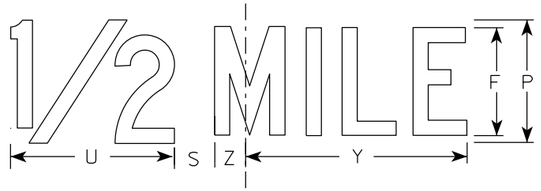
W20-3D



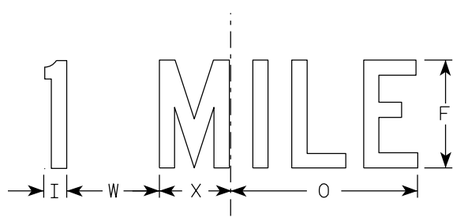
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

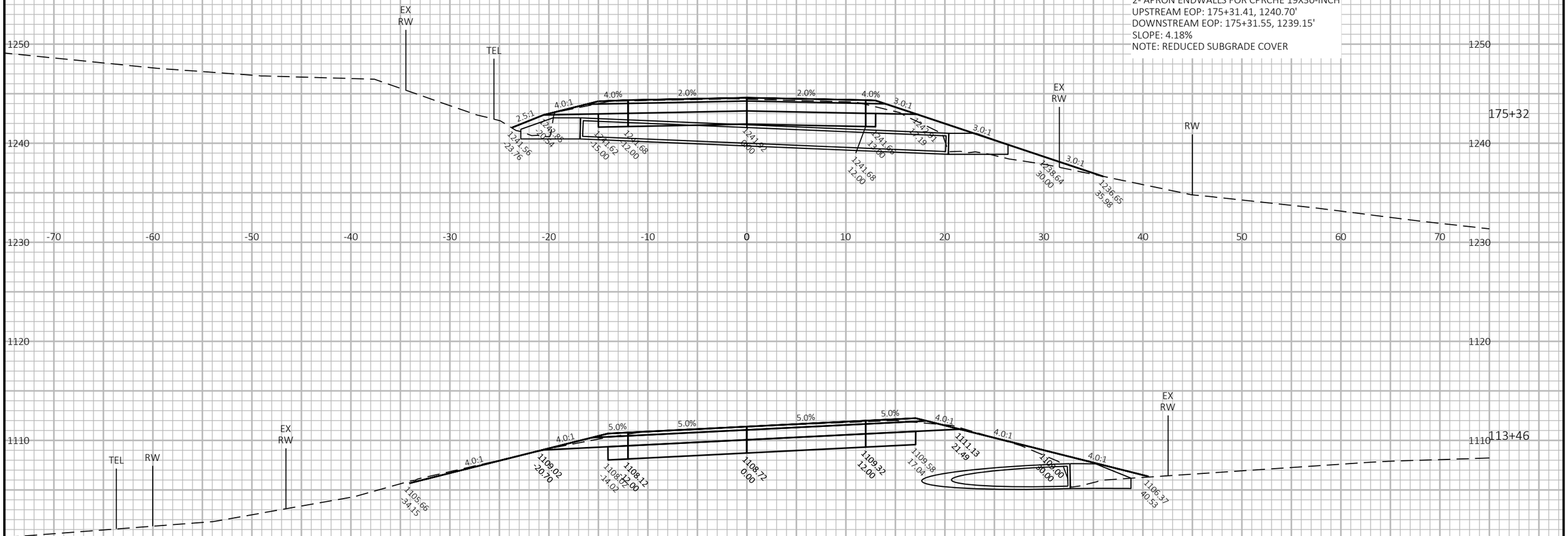
DATE 1/10/2024 PLATE NO. W20-3.8

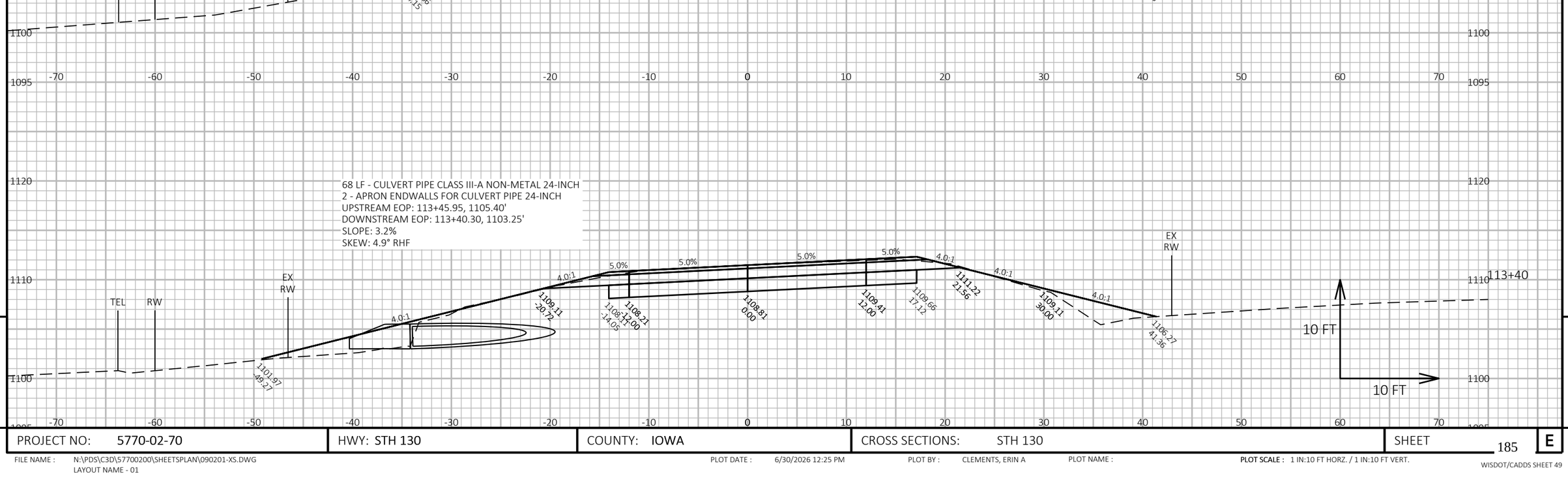
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

38 LF - CPRCHE CLASS HE-IV 19X30-INCH
2- APRON ENDWALLS FOR CPRCHE 19X30-INCH
UPSTREAM EOP: 175+31.41, 1240.70'
DOWNSTREAM EOP: 175+31.55, 1239.15'
SLOPE: 4.18%
NOTE: REDUCED SUBGRADE COVER

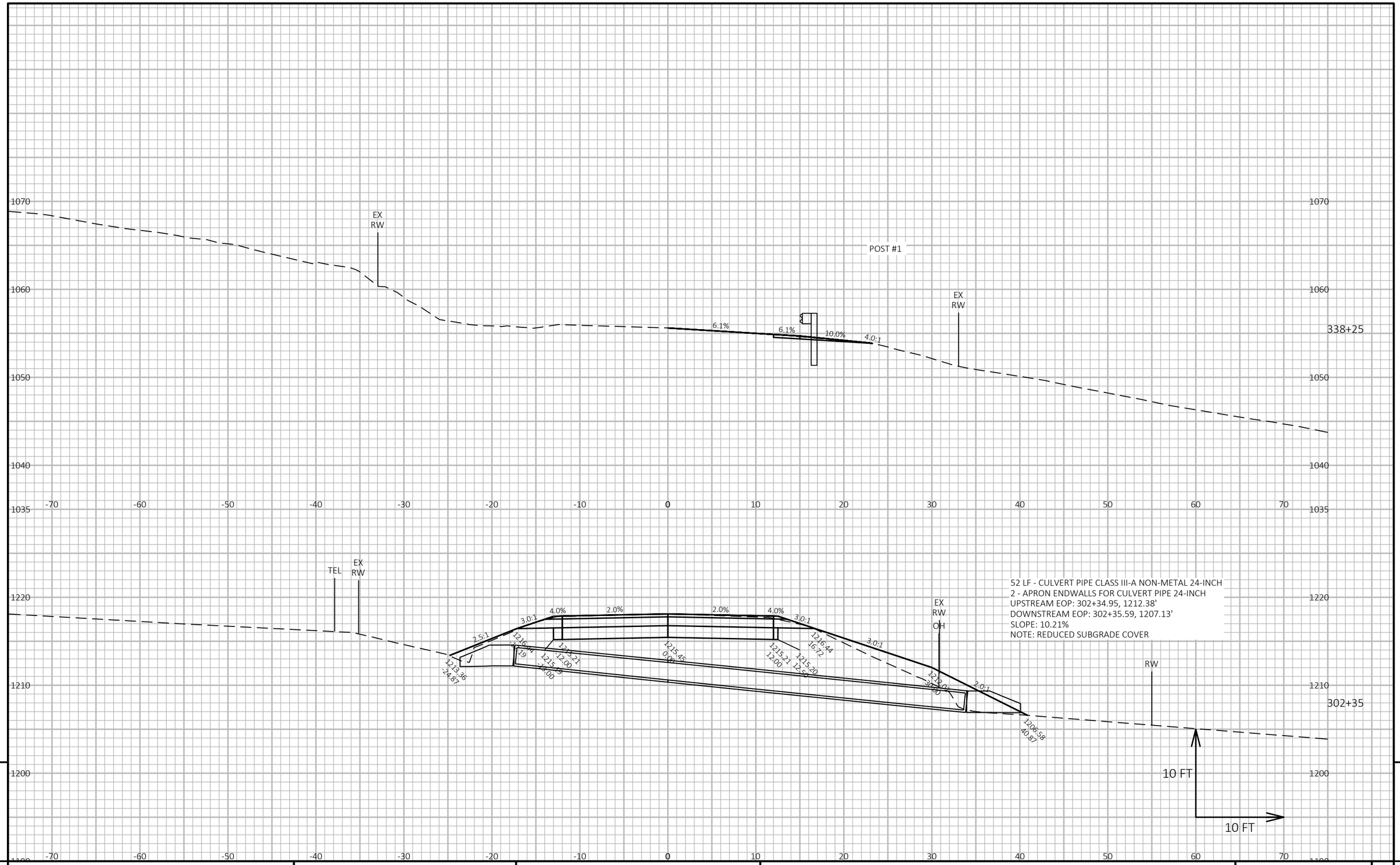




68 LF - CULVERT PIPE CLASS III-A NON-METAL 24-INCH
2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
UPSTREAM EOP: 113+45.95, 1105.40'
DOWNSTREAM EOP: 113+40.30, 1103.25'
SLOPE: 3.2%
SKEW: 4.9° RHF

9 9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 185	E



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 186	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 02

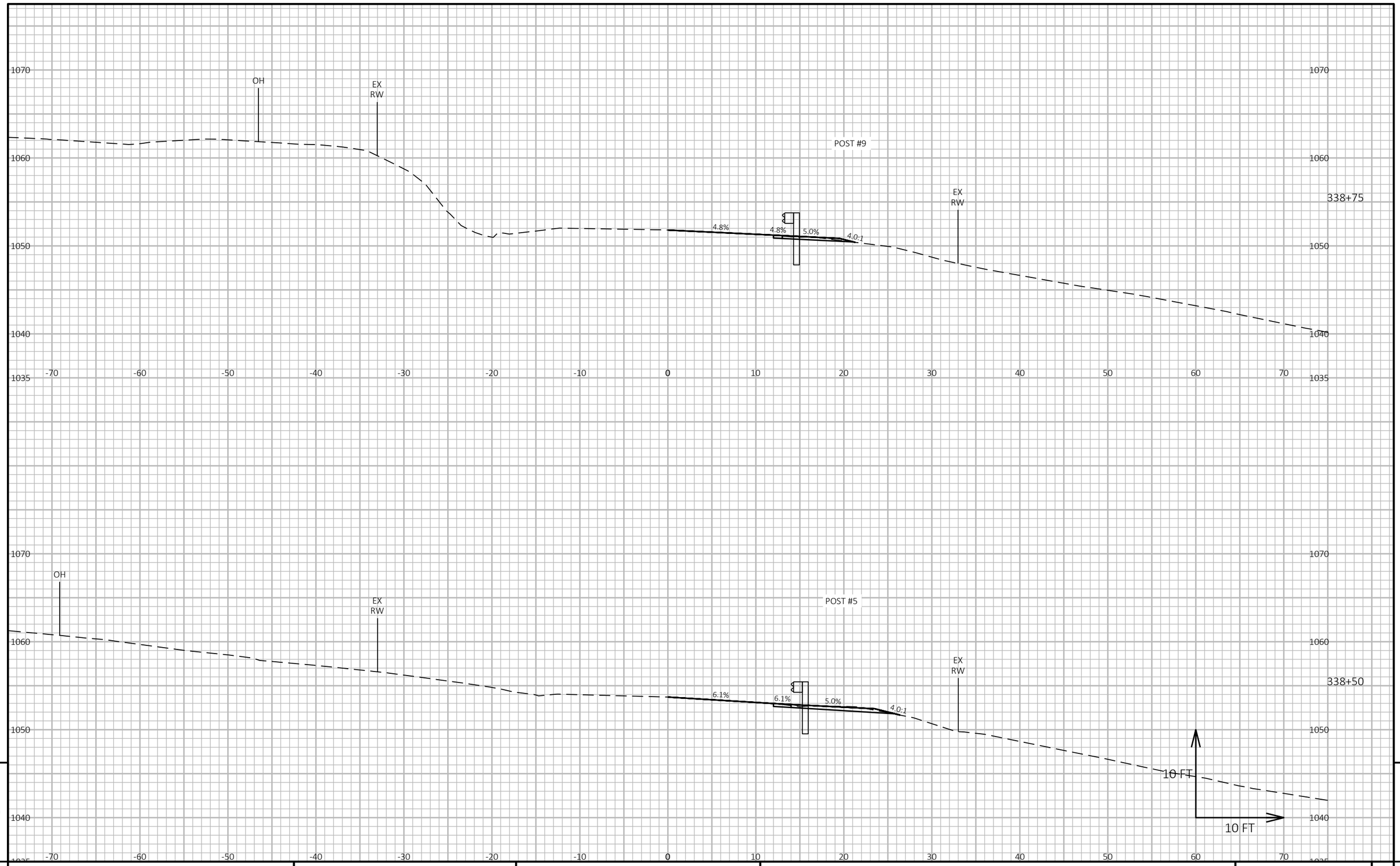
PLOT DATE : 6/30/2026 12:25 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 187	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 03

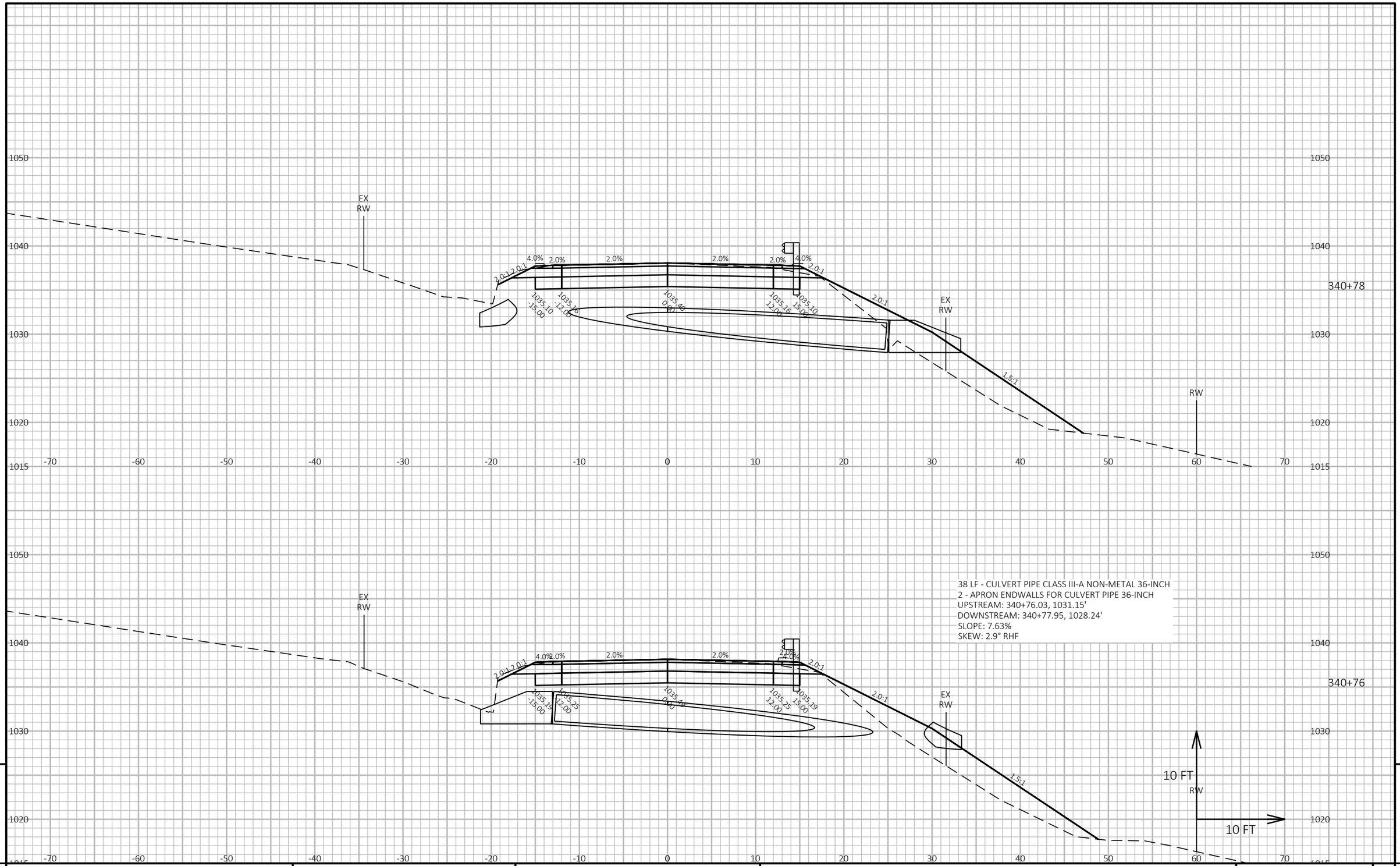
PLOT DATE : 6/30/2026 12:25 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



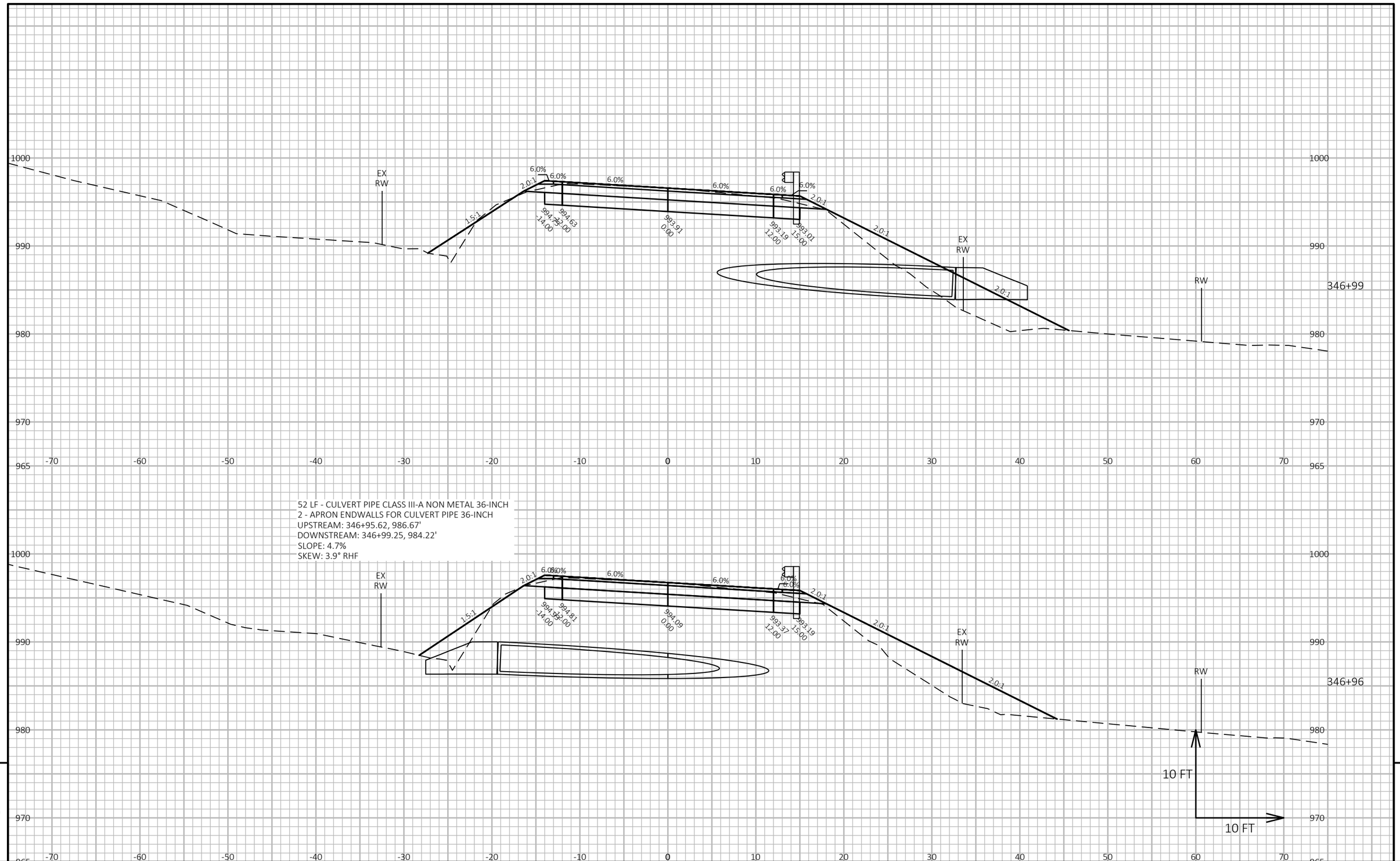
9 9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 188	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 6/30/2026 12:25 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 189 E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 05

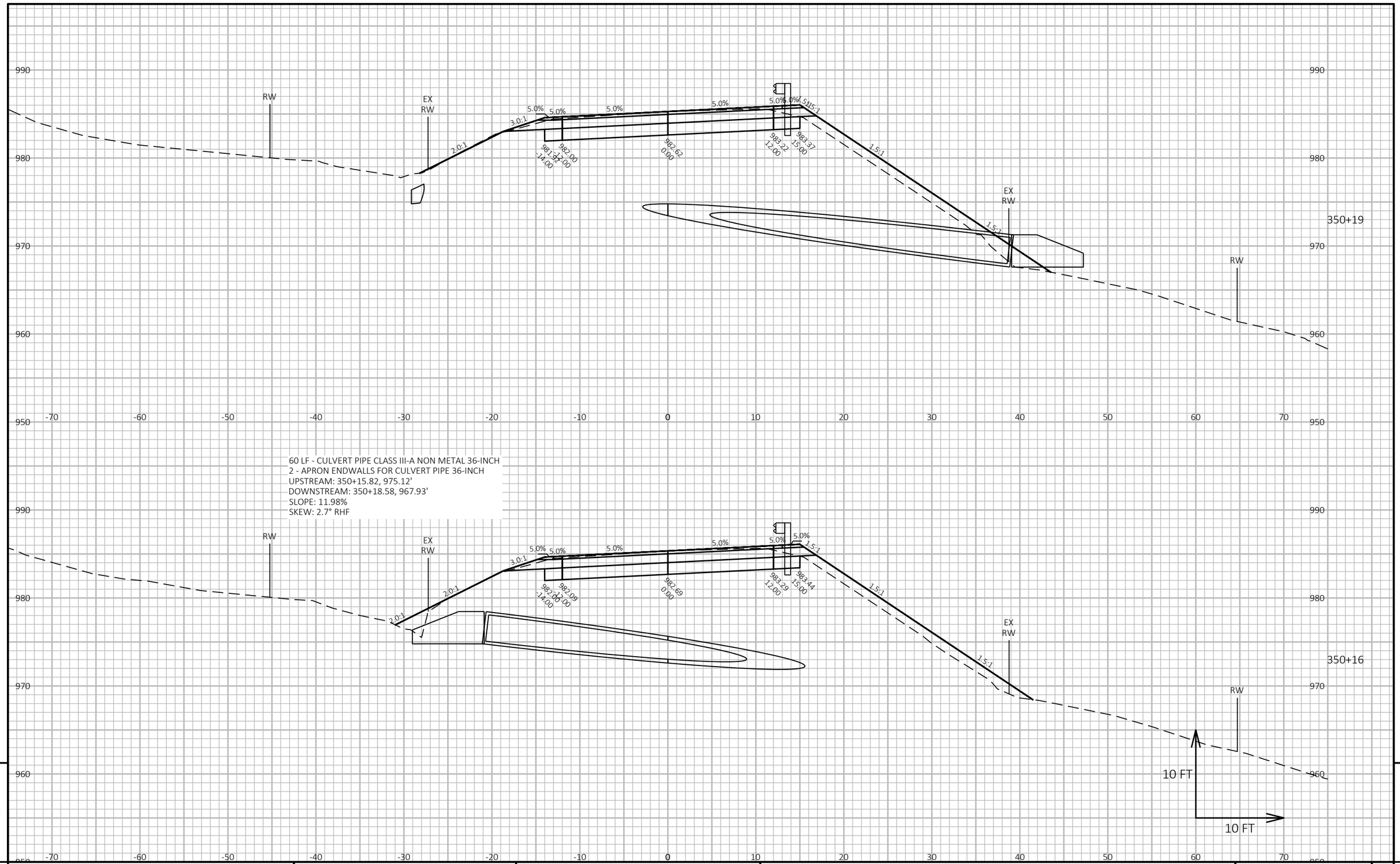
PLOT DATE : 6/30/2026 12:25 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



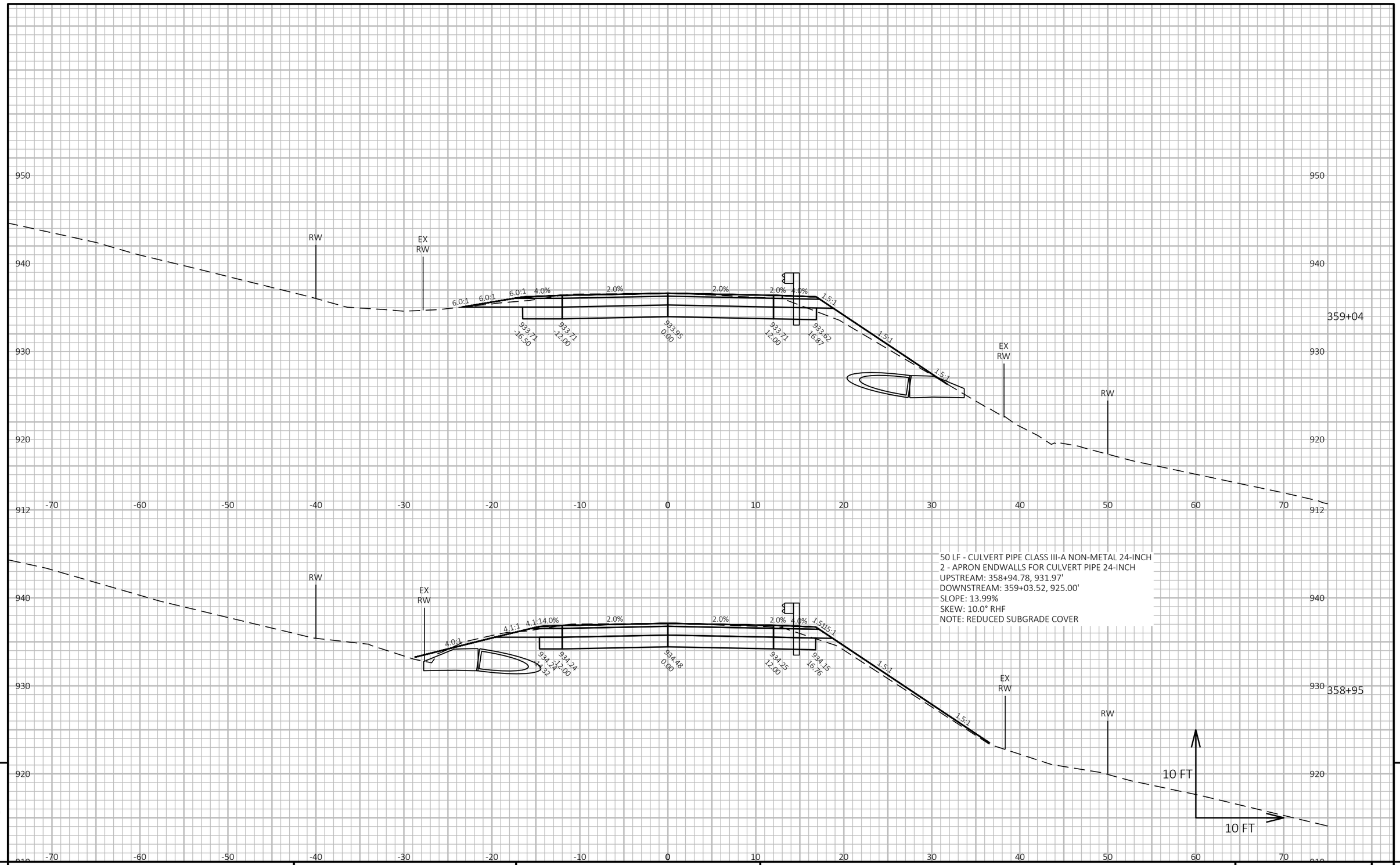
9 9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 190	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 6/30/2026 12:25 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 191	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 07

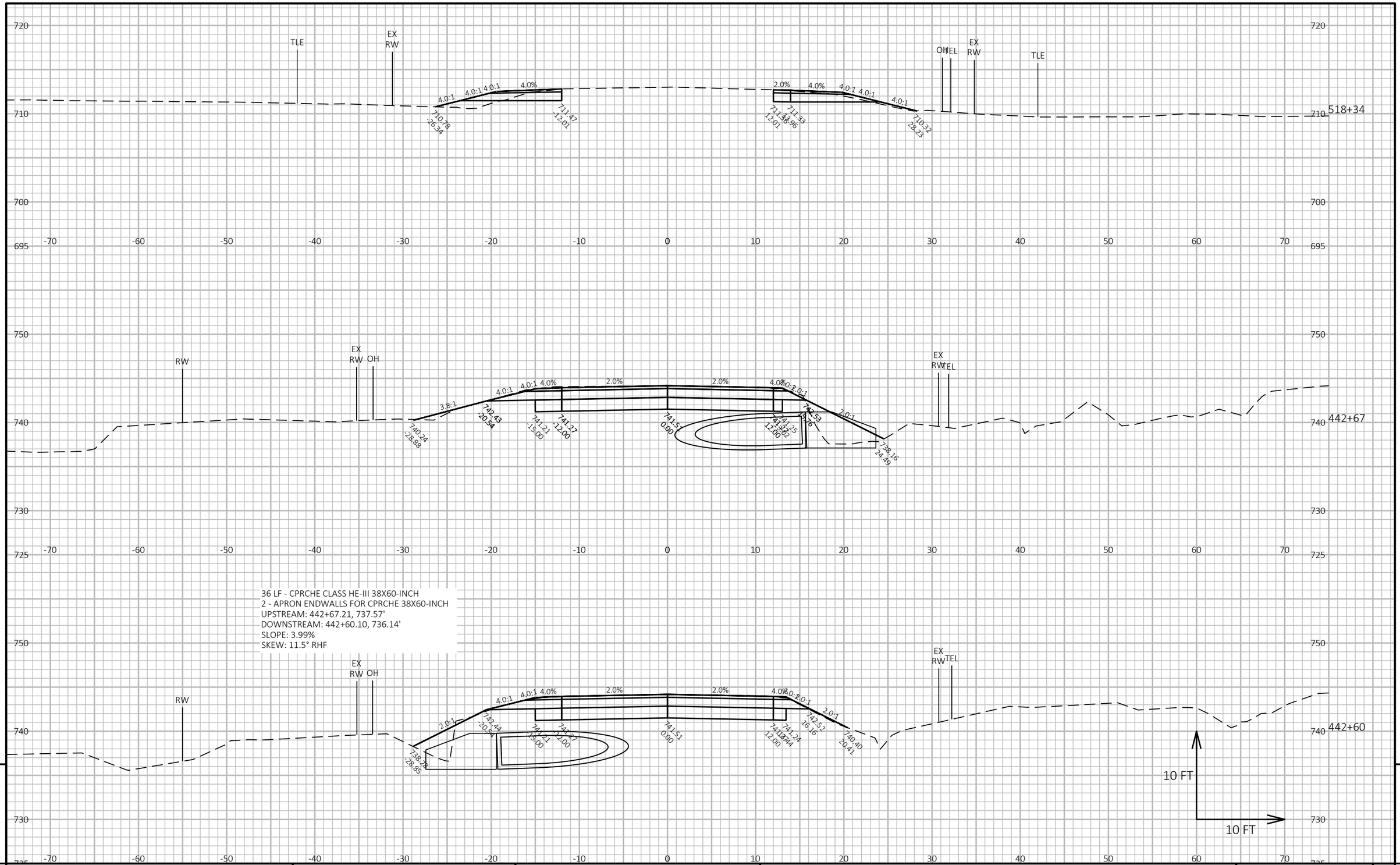
PLOT DATE : 6/30/2026 12:25 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 192	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 08

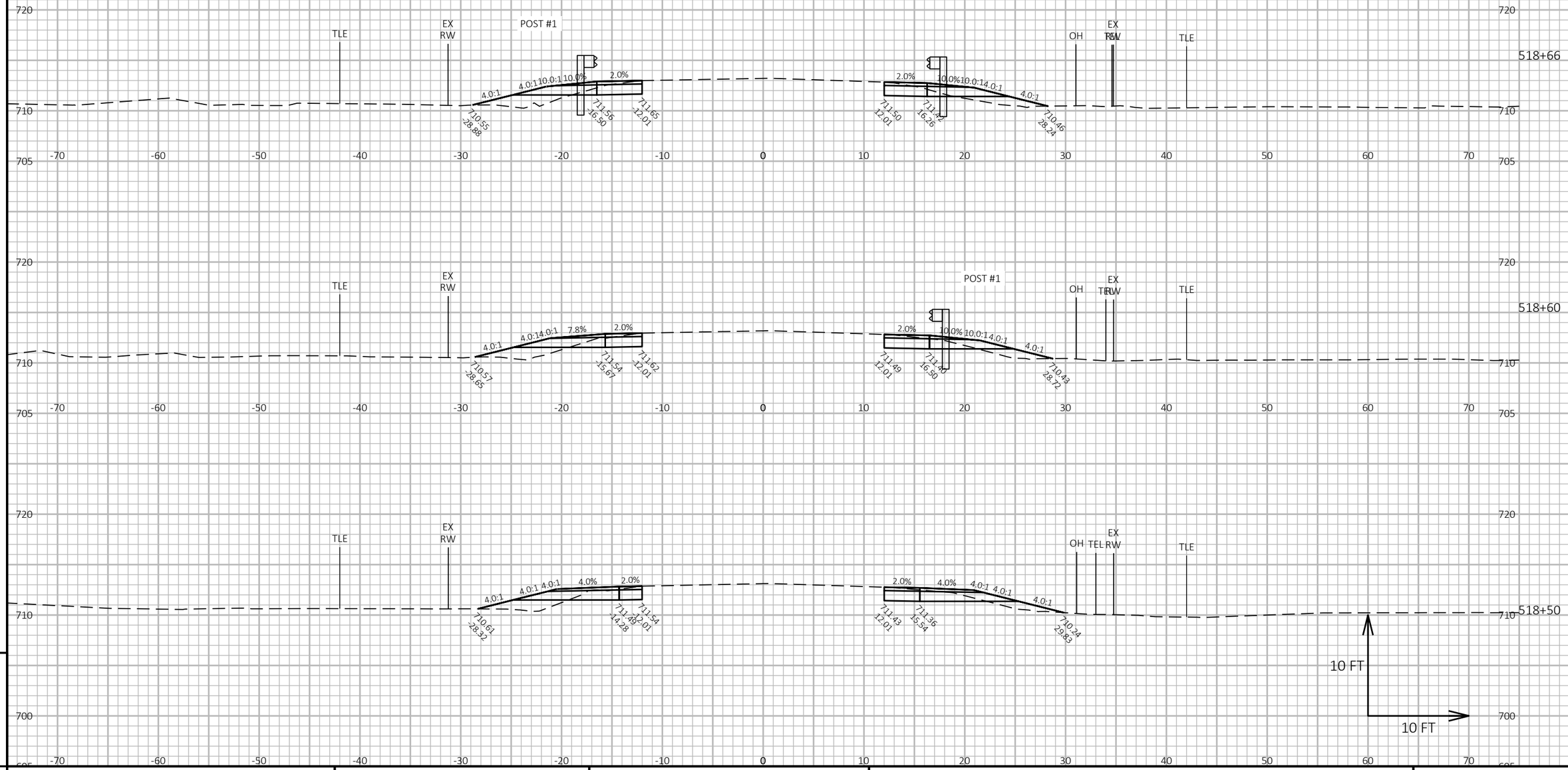
PLOT DATE : 6/30/2026 12:25 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 193	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 09

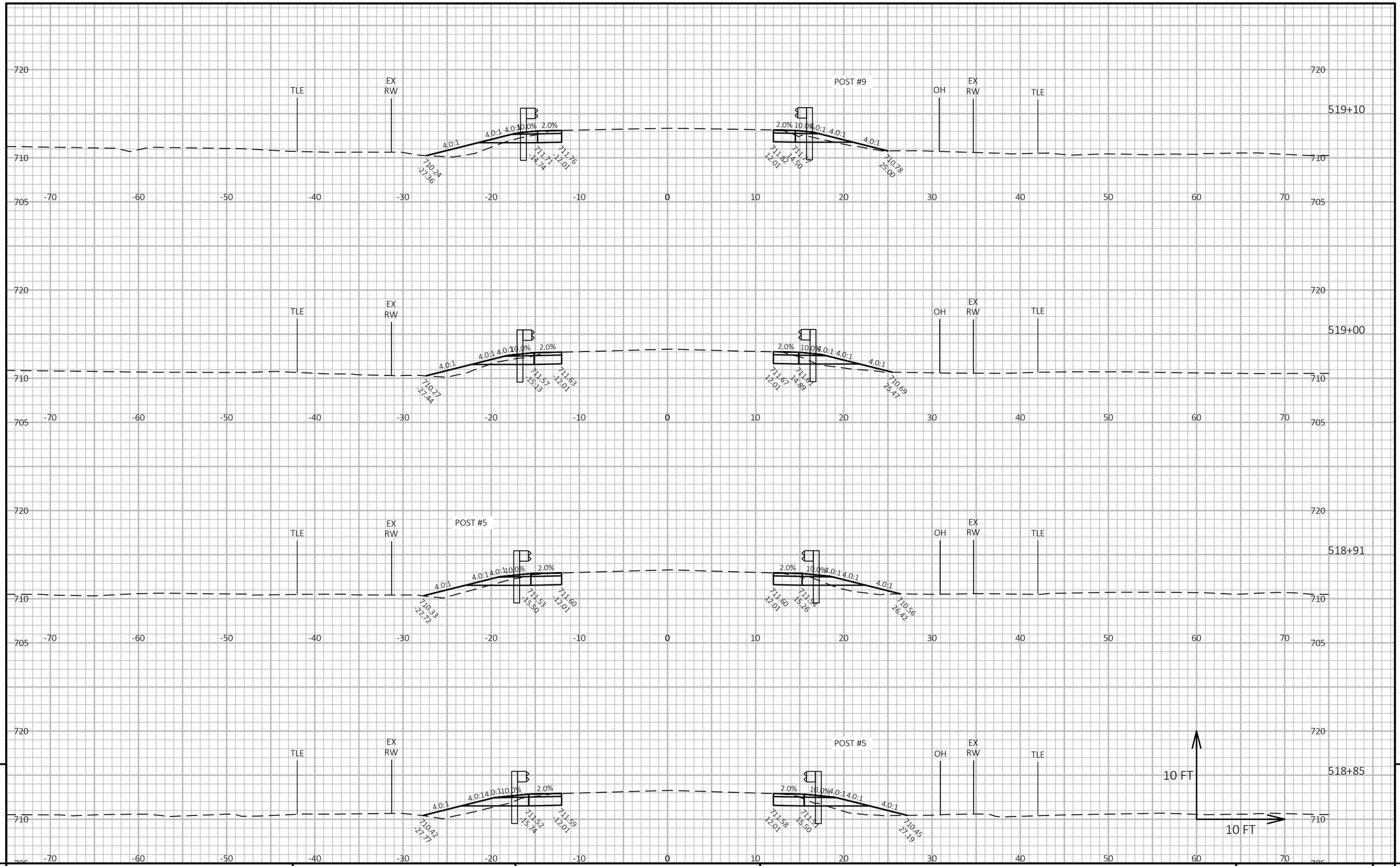
PLOT DATE : 6/30/2026 12:25 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 194	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 10

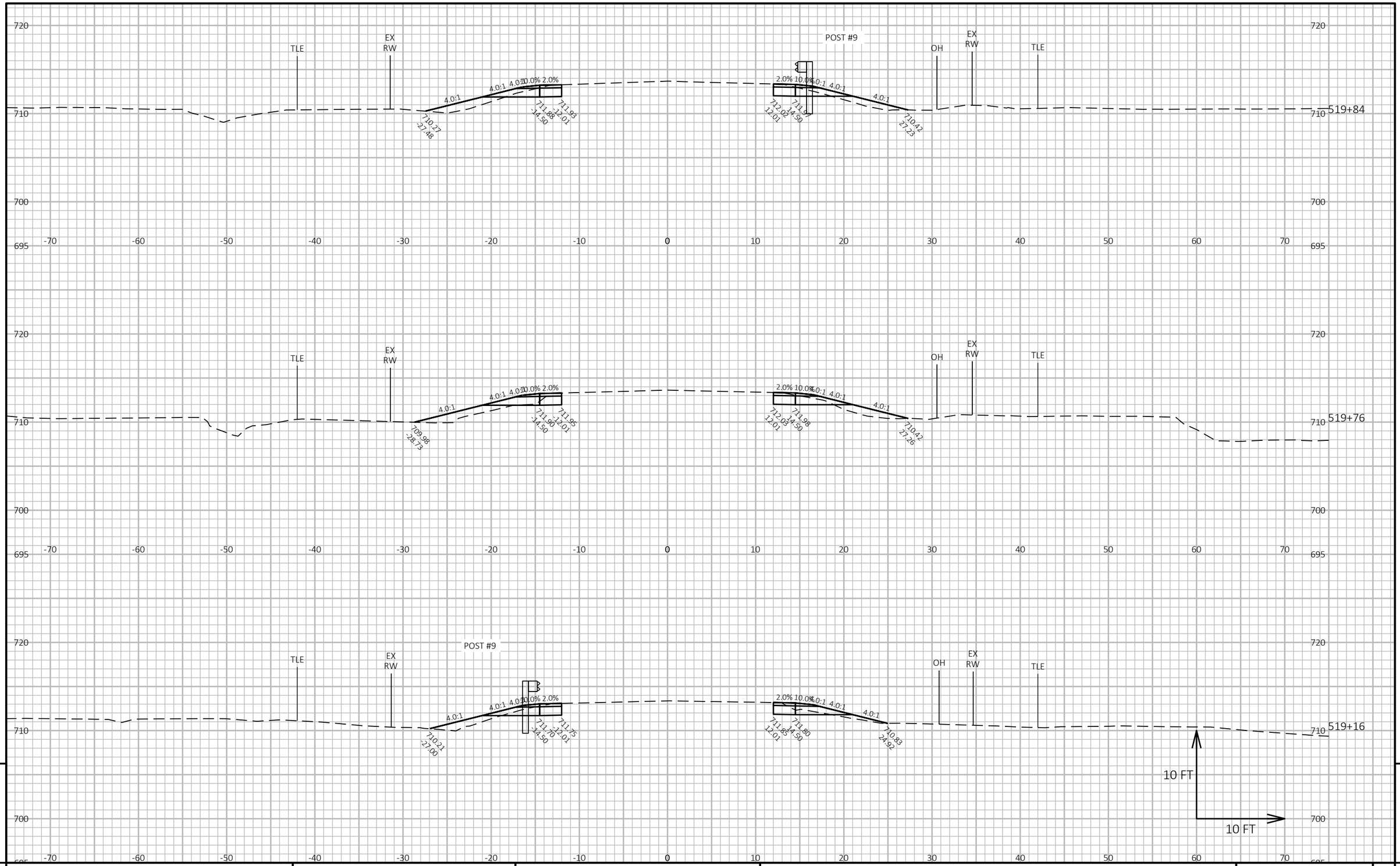
PLOT DATE : 6/30/2026 12:25 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

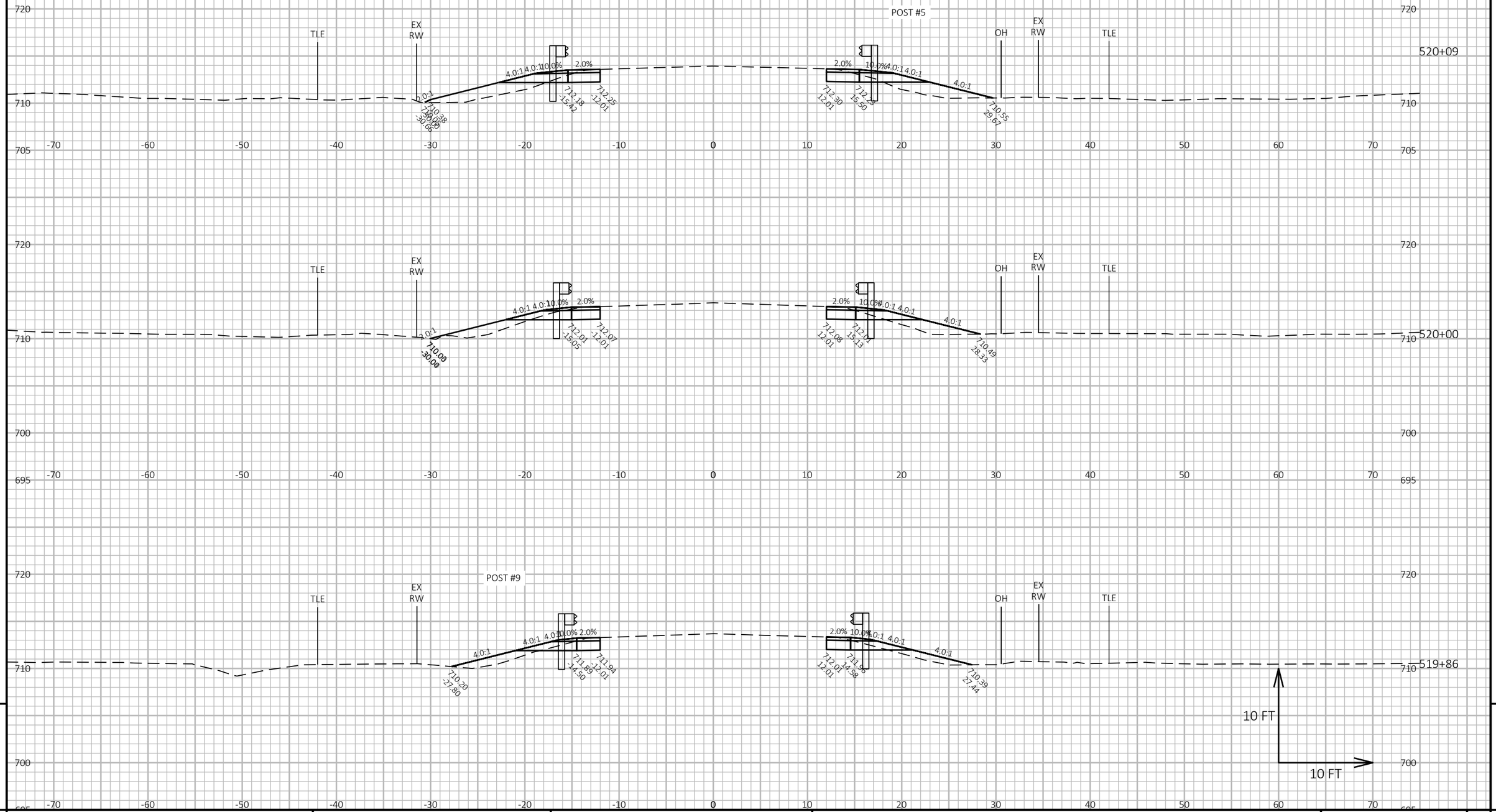
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PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 195	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 6/30/2026 12:25 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 196	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 12

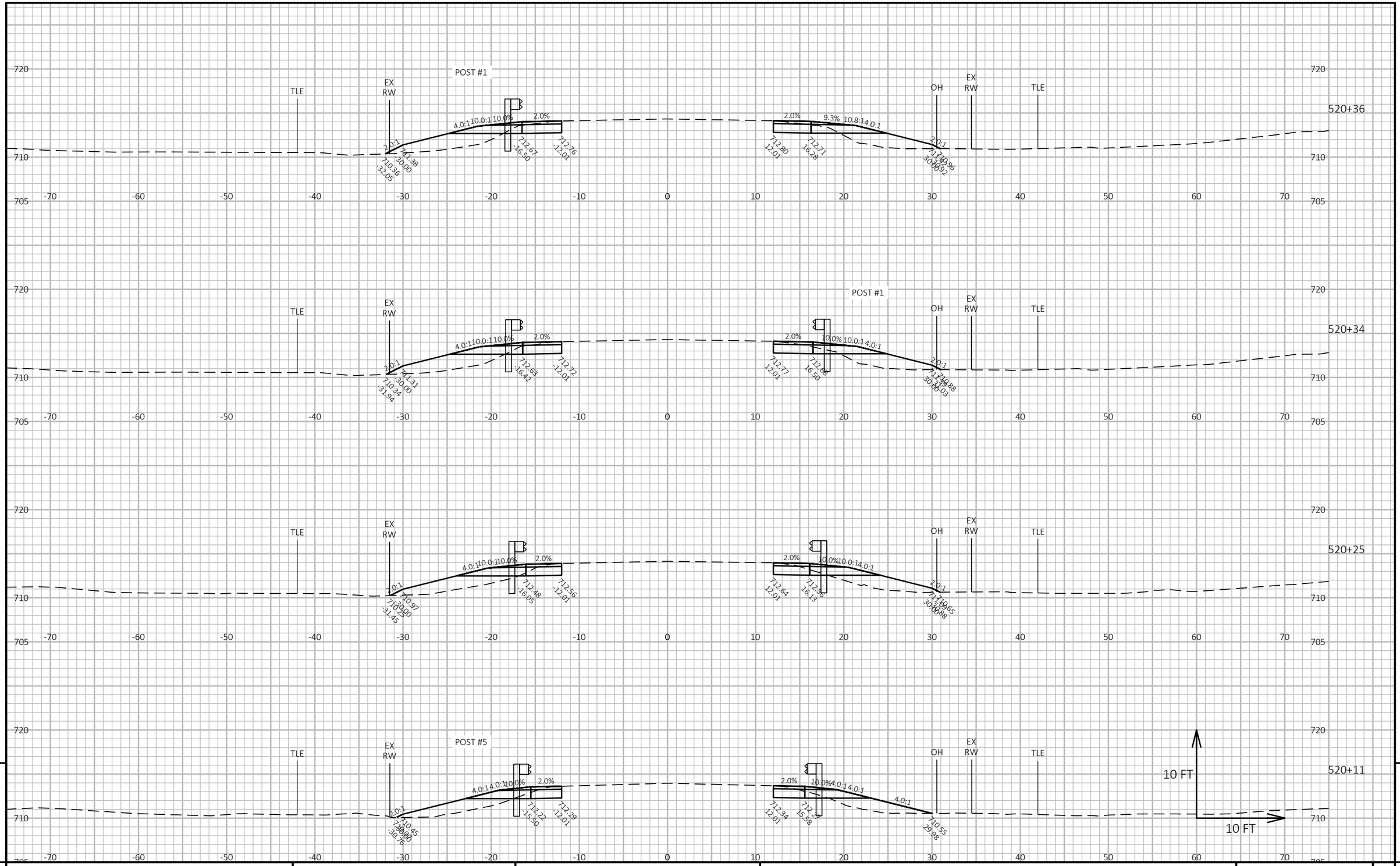
PLOT DATE : 6/30/2026 12:26 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



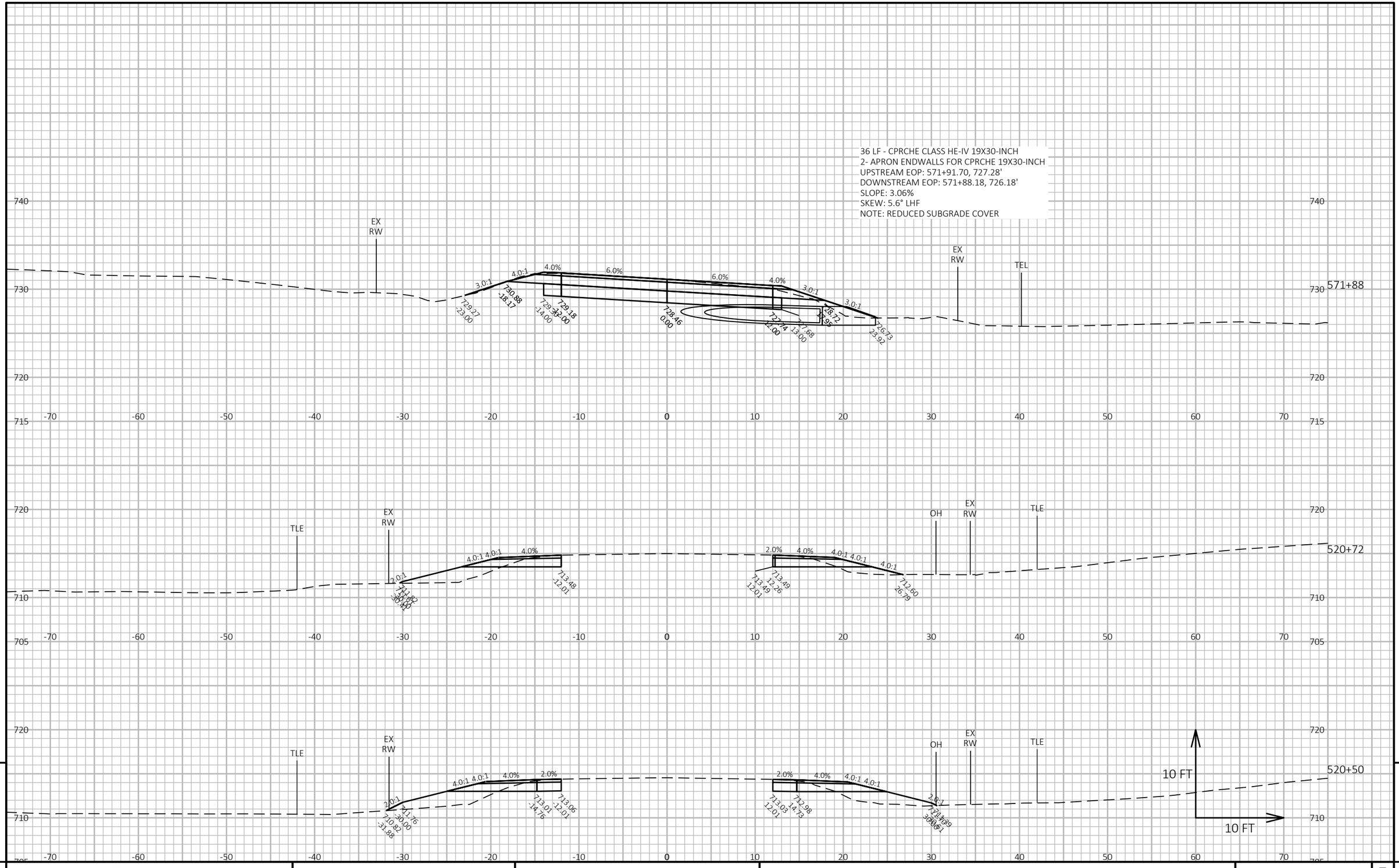
PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 197	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 6/30/2026 12:26 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

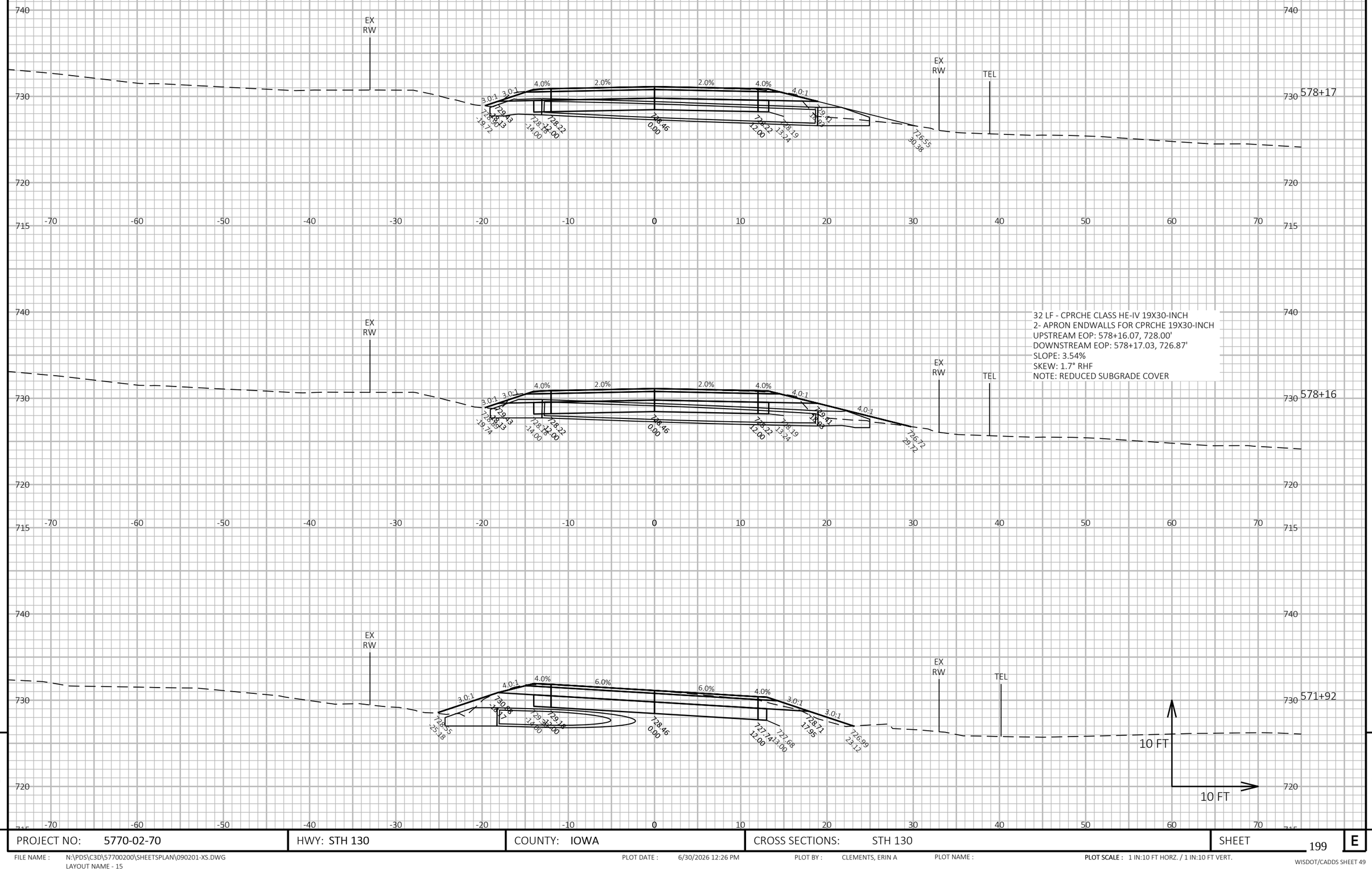
36 LF - CPRCHE CLASS HE-IV 19X30-INCH
2- APRON ENDWALLS FOR CPRCHE 19X30-INCH
UPSTREAM EOP: 571+91.70, 727.28'
DOWNSTREAM EOP: 571+88.18, 726.18'
SLOPE: 3.06%
SKEW: 5.6° LHF
NOTE: REDUCED SUBGRADE COVER



9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 198	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 14
PLOT DATE : 6/30/2026 12:26 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



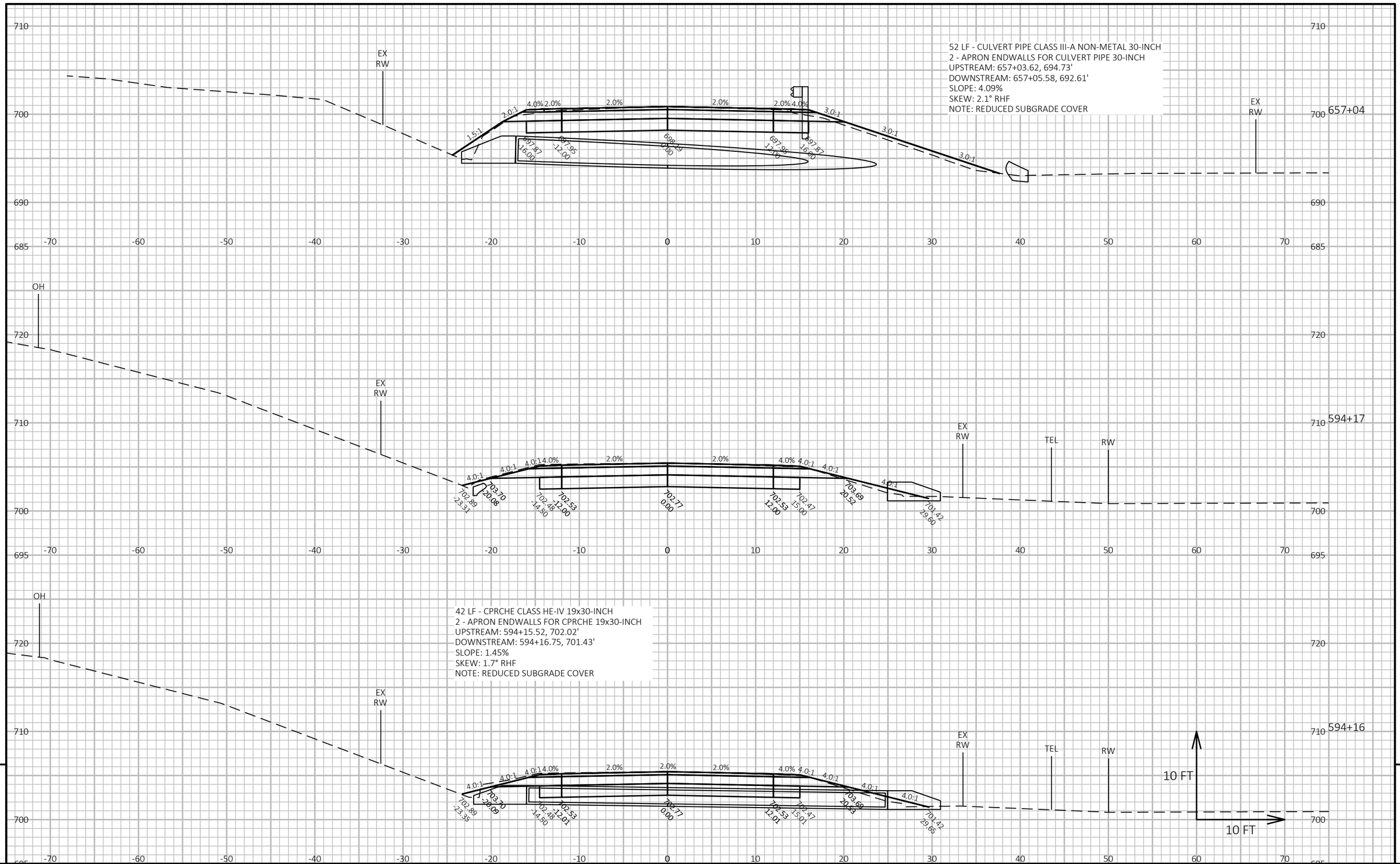
9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 199	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 15

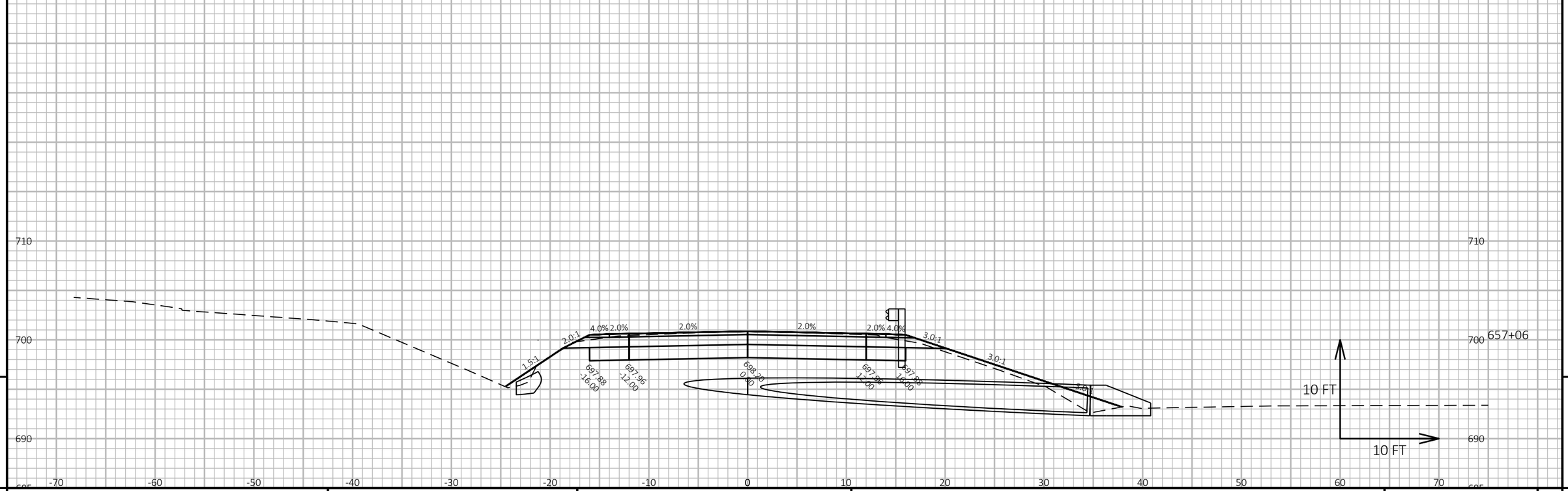
PLOT DATE : 6/30/2026 12:26 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 200	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 16
PLOT DATE : 6/30/2026 12:26 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-70	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 201	E

FILE NAME : N:\PDS\C3D\57700200\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 6/30/2026 12:26 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

MAD

PROJECT ID: 5770-02-72

WITH: 5770-02-70

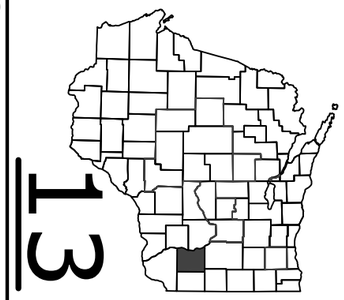
COUNTY: IOWA

DECEMBER 2026

ORDER OF SHEETS

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

TOTAL SHEETS = 162



N

DESIGN DESIGNATION

A.A.D.T.	2026	=	1,300
A.A.D.T.	2046	=	1,500
D.H.V.		=	20,550
D.D.		=	60/40
T.		=	7.8%
DESIGN SPEED		=	60 MPH
ESALS		=	190,000

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 23 - LONE ROCK

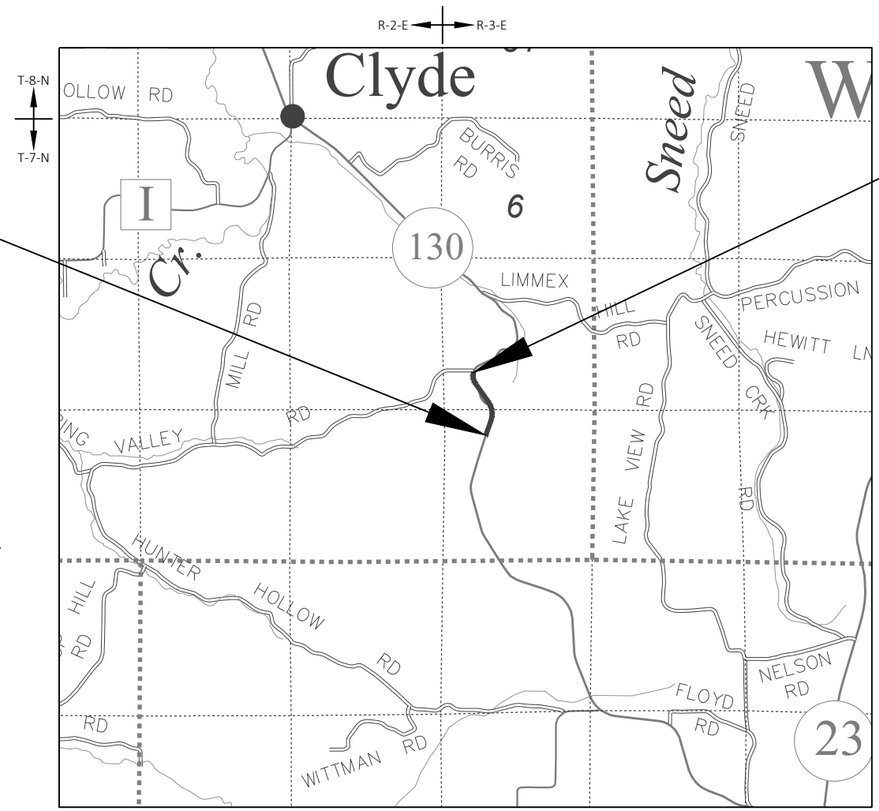
GARTHWAITE LN TO SPRING VALLEY RD

STH 130

IOWA COUNTY

STATE PROJECT NUMBER
5770-02-72

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5770-02-70	———	———
5770-02-72	WISC 2027069	1



BEGIN PROJECT
STA 309+50
X = 364320.79
Y = 200370.88

END PROJECT
STA 333+65
X = 363890.63
Y = 202566.82

LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 0.370 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), IOWA 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 18.

ORIGINAL PLANS DEVELOPED BY WISDOT SW REGION

WISCONSIN DEPARTMENT OF TRANSPORTATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SW REGION
Designer	ERIN CLEMENTS
Project Manager	JOSHUA NELSON, P.E.
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	JIM SIMPSON, P.E., P.L.S.

APPROVED FOR THE DEPARTMENT

DATE: 7/20/2026 Joshua B Nelson (Signature)

E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\010101-TI.DWG PLOT DATE : 7/13/2026 11:15 AM PLOT BY : CLEMENTS, ERIN A PLOT NAME :

UTILITIES CONTACTS

ALLIANT ENERGY
ELECTRICITY
ZACH CADY
490 SHAKERAG STREET
MINERAL POINT, WI 53565
PHONE: (608) 963-5271
EMAIL: ZACHCADY@ALLIANTENERGY.COM

FRONTIER COMMUNICATIONS OF WI LLC
COMMUNICATIONS
MARK SHANNON
451 BROADWAY DRIVE
SUN PRAIRIE, WI 53590
PHONE: (507) 327-3679
EMAIL: MARK.SHANNON1@VERIZON.COM

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

ORDER OF SECTION 2 DETAIL SHEETS
GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
EROSION CONTROL
PERMANENT SIGNING
PAVEMENT MARKINGS
DETOUR PLAN
ALIGNMENT DETAILS

4.75-INCH HMA THICKNESS		
LAYER	THICKNESS	TYPE
UPPER	2.0-INCHES	4 LT 58-28 S
LOWER	2.75-INCHES	3 LT 58-28 S

WISCONSIN DNR LIAISON

ERIC HEGGELUND
SOUTH CENTRAL REGION
3911 FISH HATCHERY RD
FITCHBURG, WI 53711
PHONE: (608) 228-7927
EMAIL: ERIC.HEGGELUND@WISCONSIN.GOV

COUNTY HIGHWAY COMMISSIONER

CRAIG HARDY
IOWA COUNTY
1215 N BEQUETTTE ST
DODGEVILLE, WI 53533
PHONE: (608) 935-3381 EXT. 605
EMAIL: CRAIG.HARDY@IOWACOUNTY.ORG

DESIGN PROJECT MANAGER

JOSH NELSON, P.E.
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MADISON, WI 53704
PHONE: (608) 246-3857
EMAIL: JOSHUA.NELSON@DOT.WI.GOV

DESIGN PROJECT LEADER

ERIN CLEMENTS, P.E.
SW REGION
2101 WRIGHT ST
MADISON, WI 53704
PHONE: (608) 261-6122
EMAIL: ERIN.CLEMENTS@DOT.WI.GOV

GENERAL NOTES

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

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY OPERATIONS, OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

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

APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

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

RIGHT OF WAY INFORMATION SHOWN ON THE PLANS IS APPROXIMATE.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE, SUBBASE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYERS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

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

RADIUS DIMENSIONS FOR THE CURB AND GUTTER ARE TO THE FLANGE LINE UNLESS OTHERWISE NOTED.

PAVEMENT REMOVAL WILL BE TO THE NEAREST JOINT OR A SAWED EDGE WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.

PRIOR TO PLACING THE NEW BASE AGGREGATE DENSE COURSE OR PAVED SHOULDERS EXISTING UNCOMPACTED SHOULDER MATERIAL SHALL BE REMOVED OR DEPOSITED ON THE OUTER PORTION OF THE EXISTING SHOULDER OR AS DIRECTED BY THE ENGINEER.

THE EXACT LOCATION AND WIDTH OF DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. DRIVEWAYS SHALL BE REPLACED IN KIND. COMMERCIAL DRIVEWAYS SHALL BE A MINIMUM OF 30 FEET WIDE UNLESS SHOWN OTHERWISE IN THE PLANS. ALL RESIDENTIAL DRIVEWAYS SHALL BE A MAXIMUM OF 20 FEET WIDE.

PIPE ELEVATIONS, LENGTHS, AND LOCATIONS AS SHOWN ON THE PLANS MAY BE ADJUSTED TO FIT EXISTING FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

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

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

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

PRIOR TO PLACEMENT OF BEAM GUARD THE SHOULDERS SHALL BE IN PLACE, SHAPED AND COMPACTED.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN PAVING OR PIPE LAYING OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAYS SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER OPERATIONS ARE COMPLETED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS.

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

PRIOR TO ORDERING DRAINAGE PIPES, THE CONTRACTOR SHALL FIELD VERIFY RELATED DRAINAGE INFORMATION IN THE PLAN WITH THE ENGINEER.

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

2

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AH	AHEAD
∠	ANGLE
AADT	ANNUAL AVERAGE DAILY TRAFFIC
AEW	APRON ENDWALL
ASPH	ASPHALTIC
BK	BACK
BC	BACK OF CURB
BAD	BASE AGGREGATE DENSE
BL OR B/L	BASE LINE
BM	BENCH MARK
CB	CATCH BASIN
CL OR C/L	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
CSW	CONCRETE SIDEWALK
CONST	CONSTRUCTION
CP	CONTROL POINT
CO	COUNTY
CTH	COUNTY TRUCK HIGHWAY
CY	CUBIC YARD
CP	CULVERT PIPE
CPCA	CULVERT PIPE CORRUGATED ALUMINUM
CPCPE	CULVERT PIPE CORRUGATED POLYETHYLENE
CPCPP	CULVERT PIPE CORRUGATED POLYPROPYLENE
CPCS	CULVERT PIPE CORRUGATED STEEL
CPCSAC	CULVERT PIPE CORRUGATED STEEL ALUMINUM COATED
CPCSPC	CULVERT PIPE CORRUGATED STEEL POLYMER COATED
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CPS	CULVERT PIPE SALVAGED
CPT	CULVERT PIPE TEMPORARY
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DIA	DIAMETER
DD	DIRECTIONAL DISTRIBUTION
DE	DRAINAGE EASEMENT
DWY	DRIVEWAY
EA	EACH
EB	EASTBOUND
EL OR ELEV	ELEVATION
EMB	EMBANKMENT
EW	ENDWALL
EAT	ENERGY ABSORBING TERMINAL
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FERT	FERTILIZER
FE	FIELD ENTRANCE
FL OR F/L	FLOW LINE
FT	FOOT
FTMS	FREE TRAFFIC MANAGEMENT SYSTEM
HES	HIGH EARLY STRENGTH
HE	HIGHWAY EASEMENT
CWT	HUNDRED WEIGHT
IN DIA	INCH DIAMETER
INL	INLET
ID	INSIDE DIAMETER
INTERS	INTERSECTION
IH	INTERSTATE HIGHWAY
INV	INVERT
JT	JOINT
LT	LEFT
LHF	LEFT HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MGAL	ONE THOUSAND GALLONS
MH	MANHOLE
ML OR M/L	MATCH LINE
NOM	NOMINAL
NC	NORMAL CROWN
NB	NORTHBOUND
NO	NUMBER
OD	OUTSIDE DIAMETER
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
PCC	PORTLAND CEMENT CONCRETE
LB	POUND
PSI	POUNDS PER SQUARE INCH
PE	PRIVATE ENTRANCE
PROJ	PROJECT
PL	PROPERTY LINE
PRW	PROPOSED RIGHT OF WAY
R	RADIUS
RL OR R/L	REFERENCE LINE
REQD	REQUIRED
RT	RIGHT
RHF	RIGHT HAND FORWARD
R/W	RIGHT OF WAY
RD	ROAD
RDWY	ROADWAY
SHLDR	SHOULDER
SW	SIDEWALK
SB	SOUTHBOUND
SPECS	SPECIFICATIONS
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STH	STATE TRUNK HIGHWAY
STA	STATION
SSPC	STORM SEWER PIPE COMPOSITE
SSCPE	STORM SEWER PIPE CORRUGATED POLYETHYLENE
SSCPP	STORM SEWER PIPE CORRUGATED POLYPROPYLENE
SSPNRC	STORM SEWER PIPE NON-REINFORCED CONCRETE
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SSPRCHE	STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
SE	SUPERELEVATION
SL OR S/L	SURVEY LINE
TEMP	TEMPORARY
TI	TEMPORARY INTEREST
TLE	TEMPORARY LIMITED EASEMENT
TC	TOP OF CURB
TL OR T/L	TRANSIT LINE
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
VC	VERTICAL CURVE
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WB	WESTBOUND

2

Clyde

Sneed

WY

N

E HOLLOW RD

BURRIS RD

SNEED

I

Cr.

130

6

LIMMEX

PERCUSSION

HILL RD

SNEED CRK RD

HEWITT LN

BAUER RD

MILL RD

SPRING VALLEY RD

LAKE VIEW RD

HUNTER

490
480
470
460
450
440
430
420
410
400
390
380
370
360
350
340
330
320
310
300
290
280
270
260
250
240

END PROJECT
STA 333+65
MATCH EXISTING
SAW CUT REQ'D

END RECONSTRUCT
STA 331+00

19"X30" CULVERT REPLACEMENT
STA 330+00

BEGIN RECONSTRUCT
STA 314+00

19"X30" CULVERT REPLACEMENT
STA 311+72

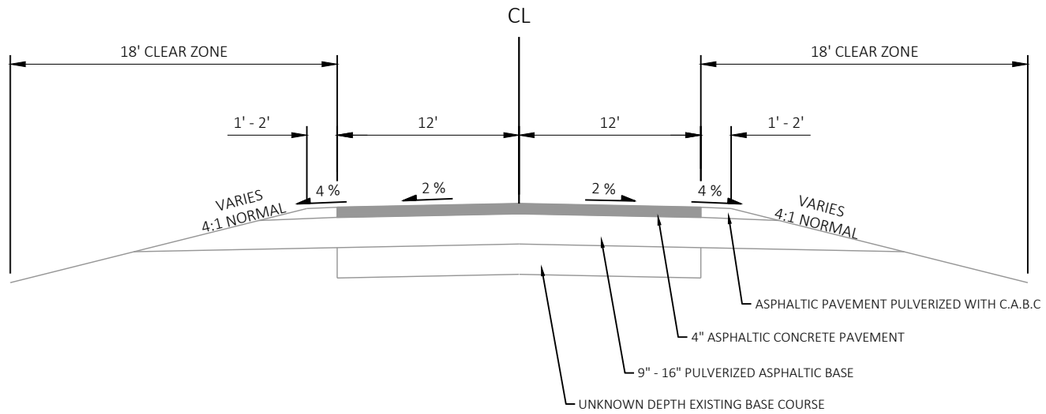
BEGIN PROJECT
STA 309+50
MATCH EXISTING
SAW CUT REQ'D

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PROJECT OVERVIEW	SHEET 4	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - Plan 1 IN 2000 FT

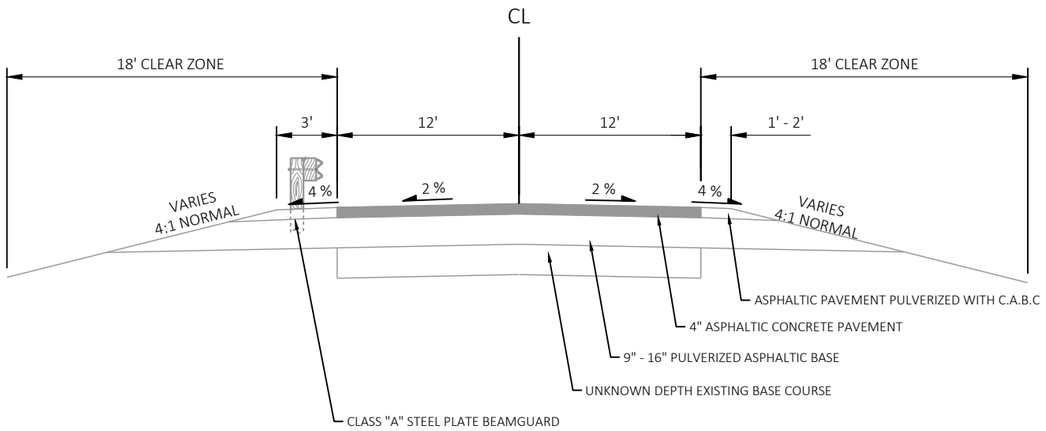
PLOT DATE : 7/13/2026 12:48 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:2000 FT

2



EXISTING TYPICAL SECTION

STA 309+50 - 310+00
STA 333+31 - 333+65

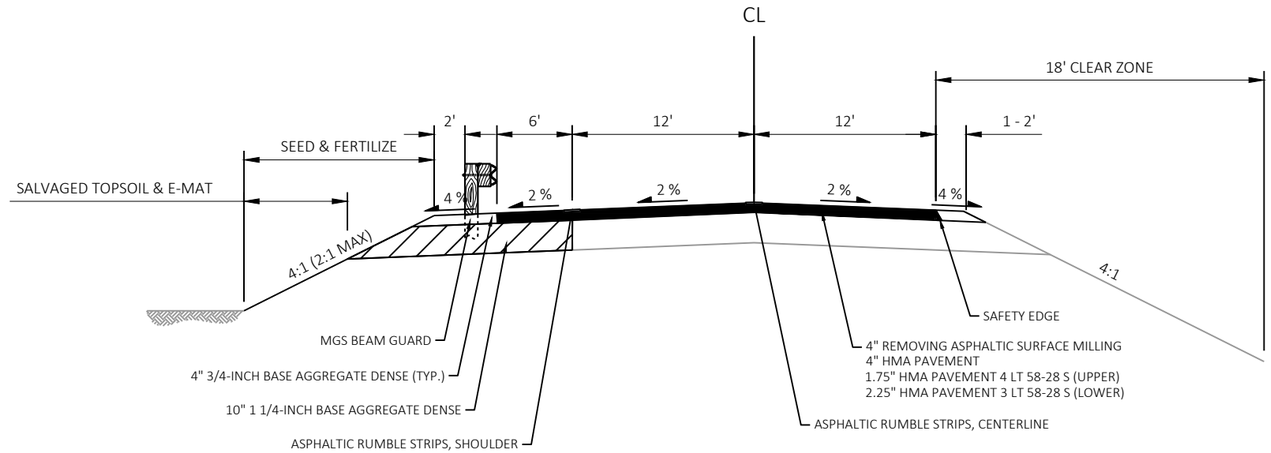


EXISTING TYPICAL SECTION

STA 310+00 - 333+31

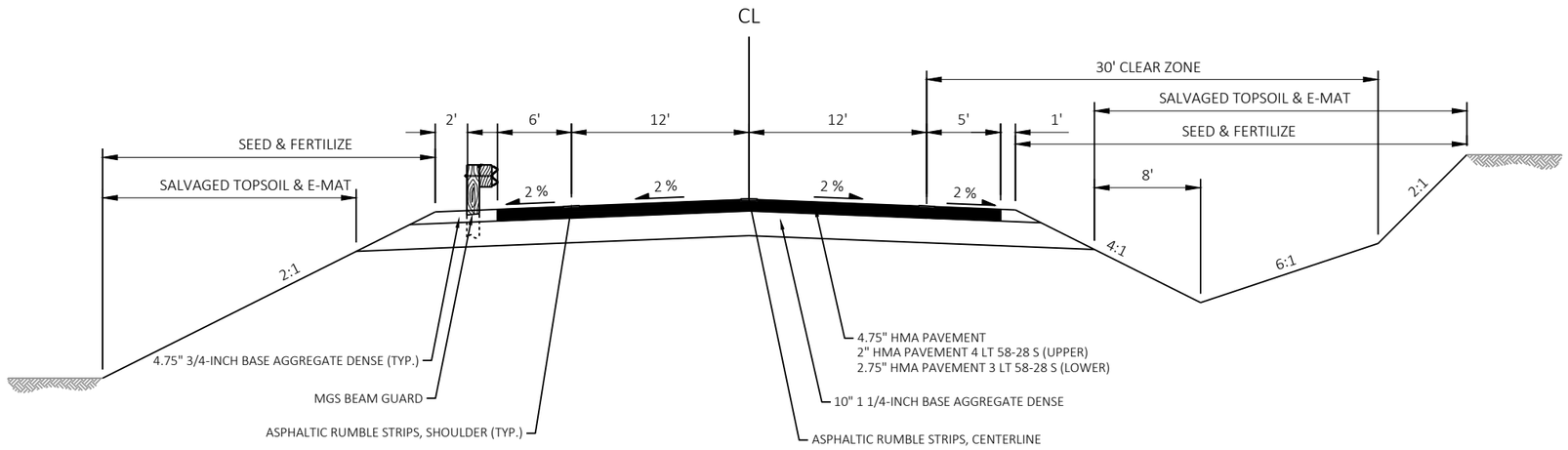
PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	TYPICAL SECTIONS	SHEET 5	E

2



FINISHED TYPICAL SECTION

STA 309+50 - 314+00
STA 331+00 - 333+65

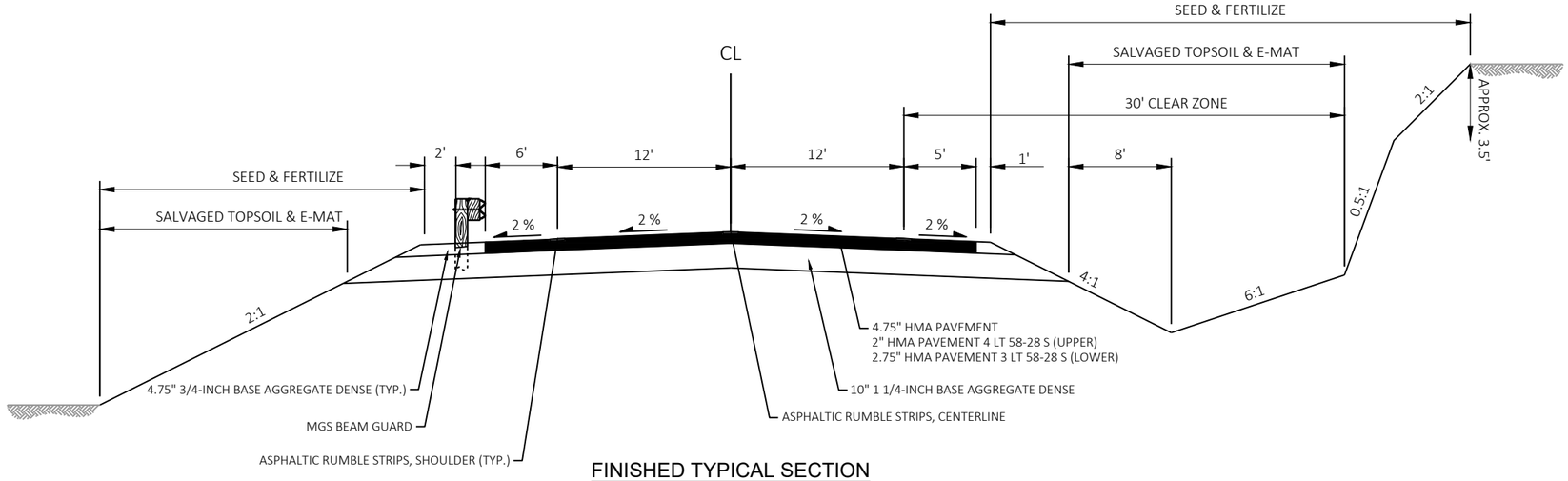


FINISHED TYPICAL SECTION

STA 314+00 - 320+50
STA 328+50 - 331+00

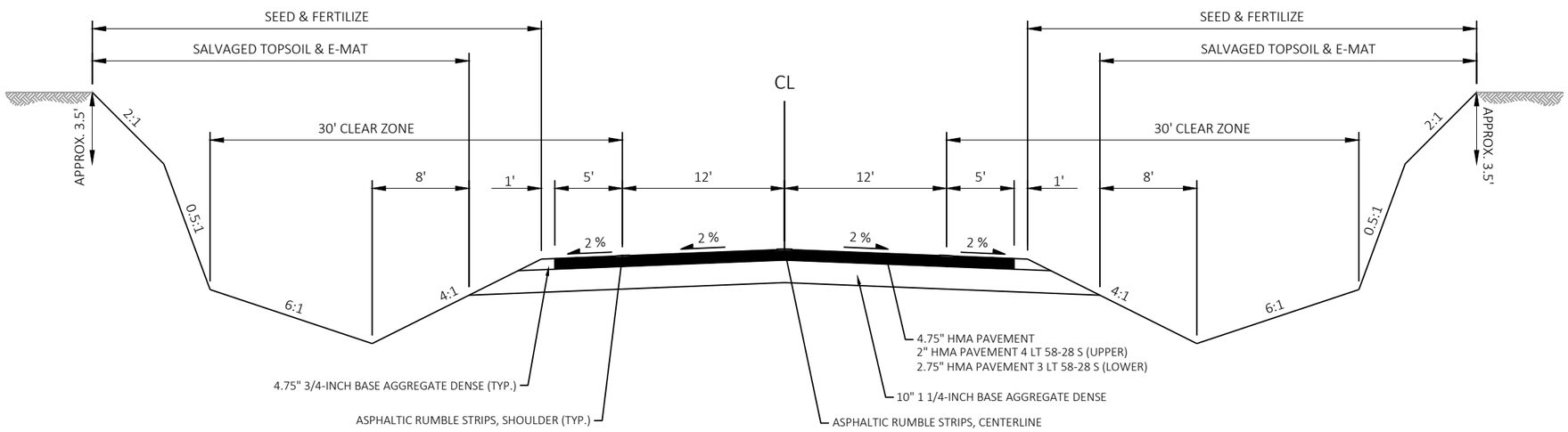
PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	TYPICAL SECTIONS	SHEET 6	E

2



FINISHED TYPICAL SECTION

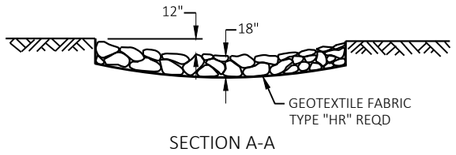
STA 320+50 - 321+20
STA 325+00 - 328+50



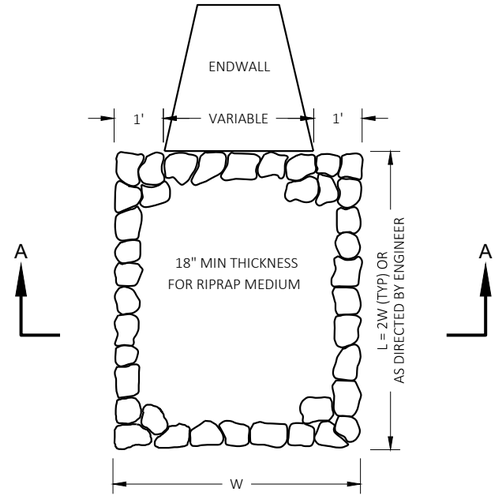
FINISHED TYPICAL SECTION

STA 321+20 - 325+00

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	TYPICAL SECTIONS	SHEET 7	E



SECTION A-A

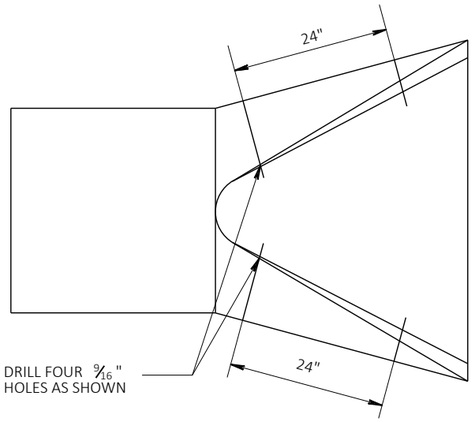


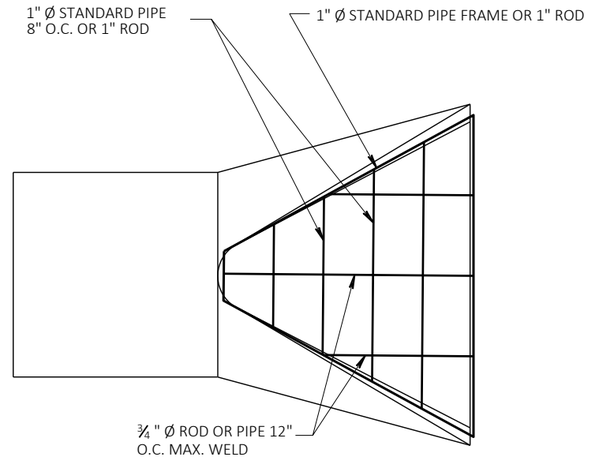
RIPRAP MEDIUM TREATMENT AT CULVERTS

ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	**ESTIMATED NO. OF BAGS**
12"	**1**
15"	**2**
18"	**2**
21"	**3**
14" X 23"	**3**
24"	**3**
27"	**4**
30"	**5**
19" X 30"	**5**
36"	**7**
24" X 38"	**8**
42"	**8**
29" X 45"	**10**
48"	**10**
34" X 53"	**10**
38" X 60"	**13**
60"	**13**
66"	**15**
53" X 83"	**19**

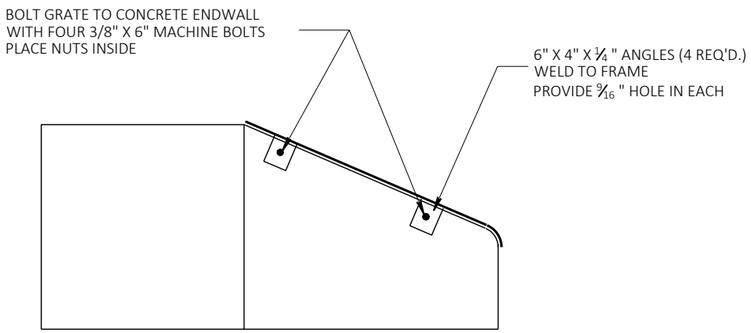
SEE SDD 8E15 FOR PLACEMENT OF ROCK BAGS AT END OF CULVERT PIPE

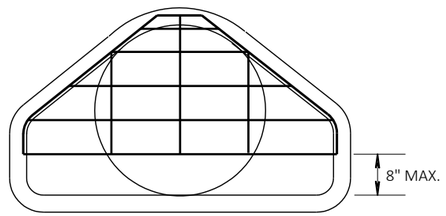
ROCK BAGS FOR CULVERT PIPE CHECKS



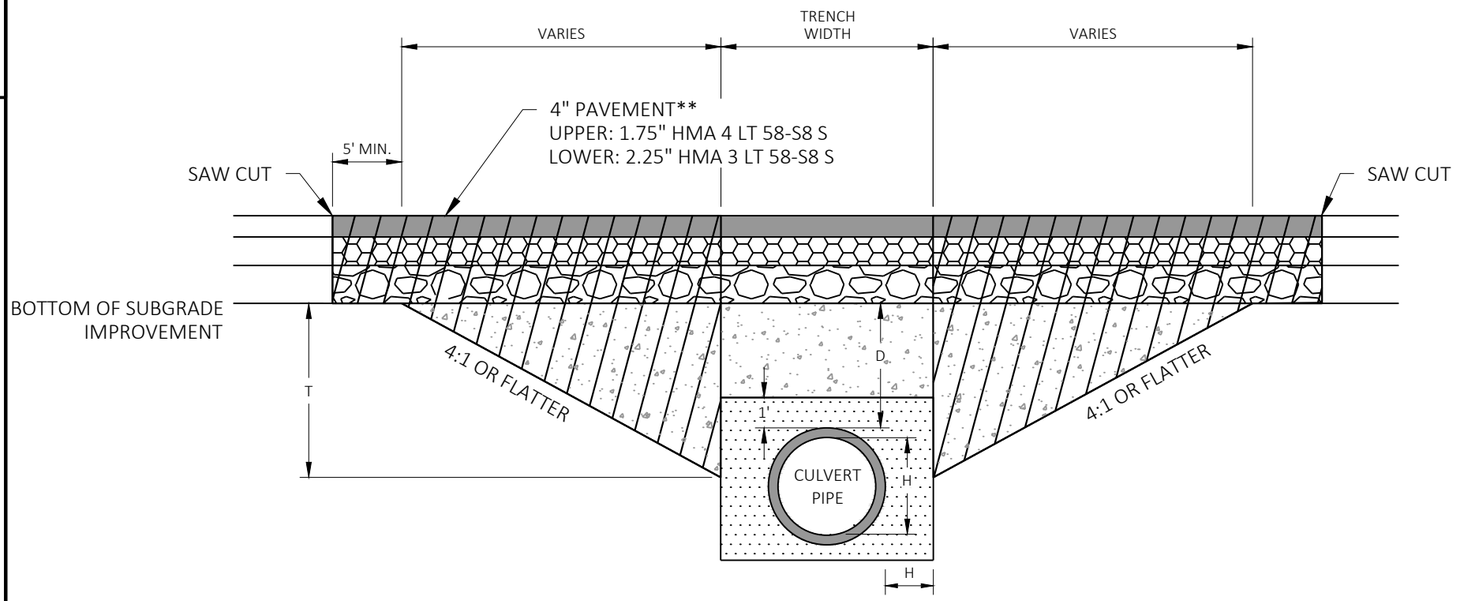


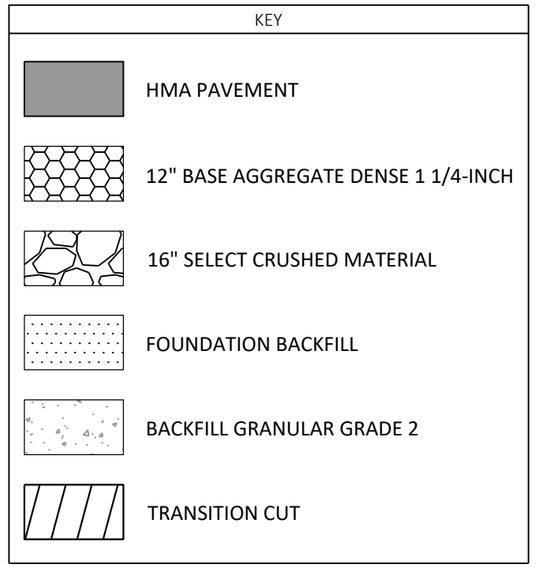
AT EACH PIPE





PIPE GRATE DETAIL





CULVERT REPLACEMENT DETAIL

DO NOT EXTEND TRANSITION CUT BELOW HORIZONTAL CENTER OF PIPE
D = CULVERT DEPTH UNDER SUBGRADE
T = TRANSITION CUT DEPTH
H = HEIGHT OF CULVERT
NOT DRAWN TO SCALE

NOTES:

TRANSITION CUT WIDTH IS FROM SUBGRADE SHOULDER POINT TO SUBGRADE SHOULDER POINT.

TRANSITION CUT AREAS ARE PAID FOR AS EXCAVATION COMMON. TRENCH WIDTH EXCAVATION IS INCIDENTAL.

BACKFILL THE FOUNDATION BACKFILL AREA AS SPECIFIED IN STANDARD SPEC 520 AND CMM 550. FOUNDATION BACKFILL IS INCIDENTAL.

PERFORM CULVERT PIPE INSTALLATION BEFORE MILLING AND PAVING.

**PAVE 4" HMA PAVEMENT SECTION WITH ASPHALTIC SURFACE IF PAVING OPERATION NOT PERFORMED WITHIN ONE WEEK OF CULVERT REPLACEMENT.

MIN. DEPTH D VALUES USED TO DETERMINE PIPE CLASS.

MAX. DEPTH D VALUES USED TO DETERMINE BACKFILL GRANULAR GRADE 2 CALCULATIONS.

CULVERT PIPE INFORMATION

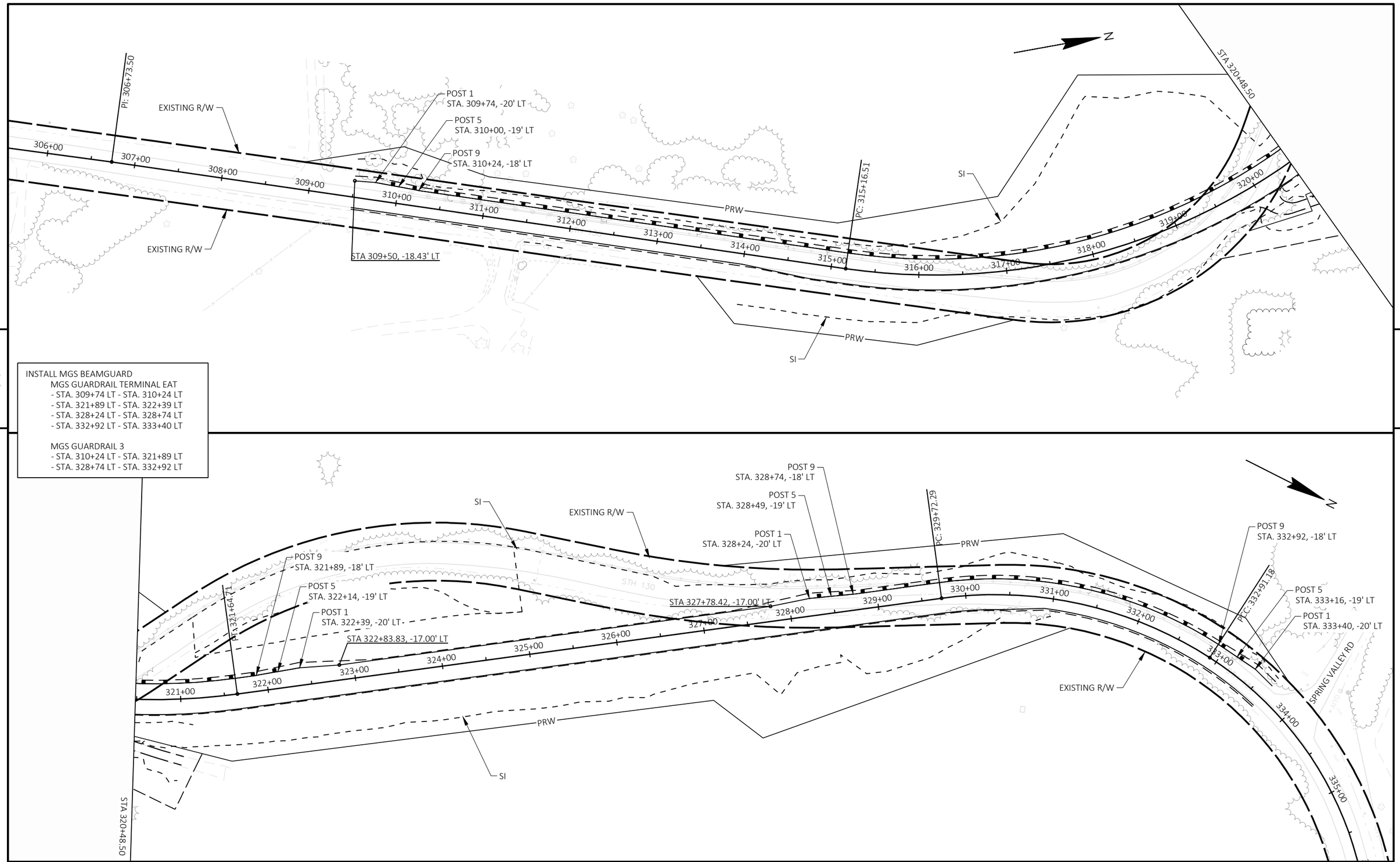
ROUTE	STA (CL)	MIN. DEPTH D (FT)	MAX. DEPTH D (FT)	PIPE SIZE (IN)	REMARKS
STH 130	311+72	*-1.45	*0.72	19X30	CLASS HE-IV, Concrete

*REDUCED SUBGRADE COVER (LESS THAN 2-FT COVER FROM BOTTOM OF BASE AGGREGATE DENSE 1 1/4-INCH)

INSTALL MGS BEAMGUARD

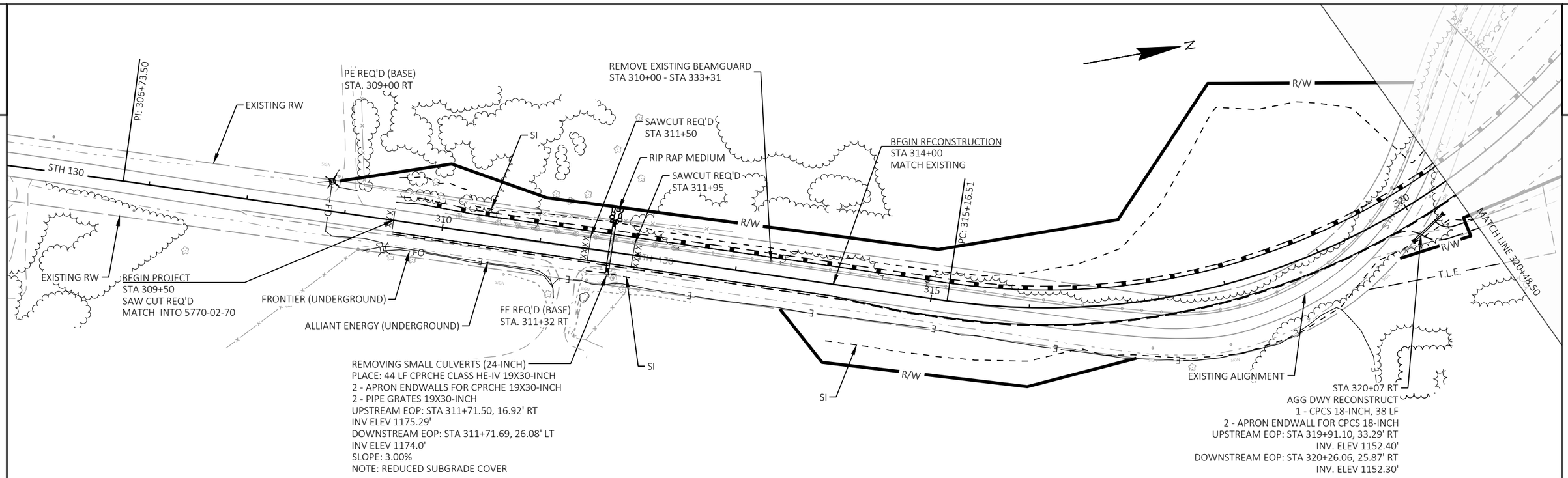
MGS GUARDRAIL TERMINAL EAT
- STA. 309+74 LT - STA. 310+24 LT
- STA. 321+89 LT - STA. 322+39 LT
- STA. 328+24 LT - STA. 328+74 LT
- STA. 332+92 LT - STA. 333+40 LT

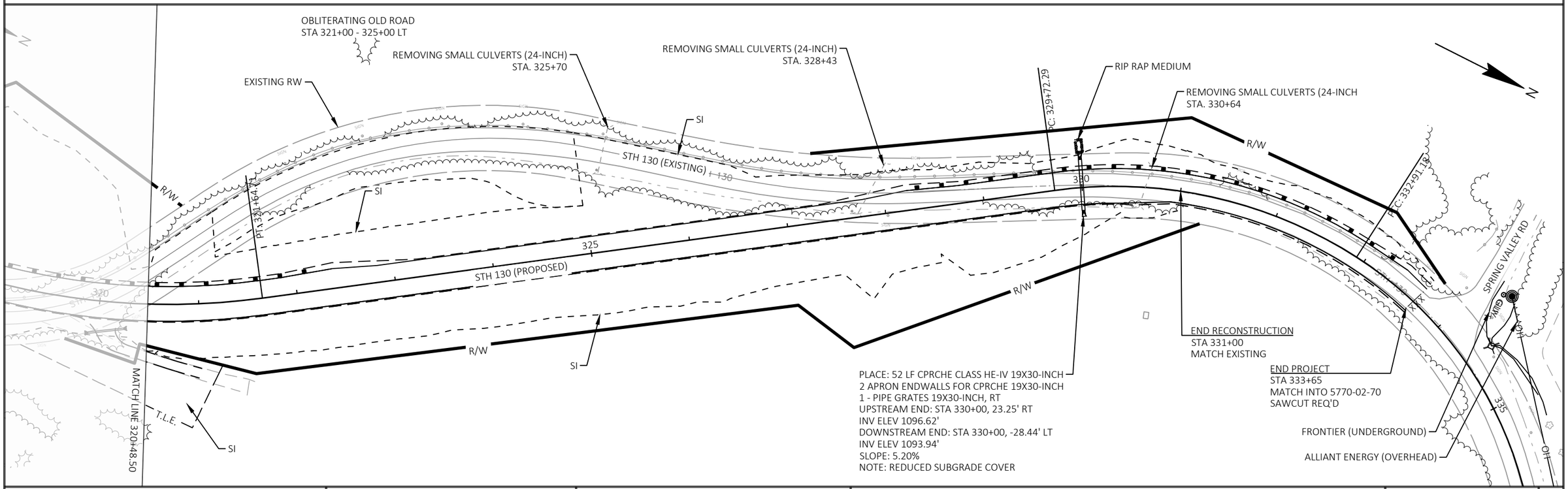
MGS GUARDRAIL 3
- STA. 310+24 LT - STA. 321+89 LT
- STA. 328+74 LT - STA. 332+92 LT



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CONSTRUCTION DETAILS: BEAMGUARD	SHEET 11	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\021002-CD.DWG
LAYOUT NAME - 01
PLOT DATE : 7/14/2026 2:07 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PLAN DETAILS	SHEET 12	E

2

LEGEND

- EROSION MAT CLASS III TYPE C
- SILT FENCE
- MEDIUM RIP RAP
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

BEGIN PROJECT
STA. 309+50

APPROXIMATE BOUNDARY OF TRANSITION CUTS

EXISTING R/W

SIGN

R/W

R/W

307+00 308+00 309+00 310+00 311+00 312+00

SAWCUT
STA. 311+50

SAWCUT
STA. 311+95

STH 130

FO

FO

FO

FO

FO

SIGN

SIGN

SIGN

EXISTING R/W

ALLIANT ENERGY (UNDERGROUND)

FRONTIER COMMUNICATIONS (UNDERGROUND)

MATCH LINE 312+90

2

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 13	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/20/2026 3:04 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

EROSION MAT CLASS III TYPE C

SILT FENCE

MEDIUM RIP RAP

SLOPE INTERCEPT

TEMPORARY DITCH CHECK

CULVERT PIPE CHECK

SURFACE WATER FLOW

N

MATCH LINE 318+80

PLACE SILT FENCE AT THE TOP OF EACH 10 FOOT LIFT, LONGITUDINALLY, TO PREVENT FILL MATERIAL FROM ERODING ONTO THE LANDSCAPED AREA BELOW

BEGIN RECONSTRUCT 314+00

R/W

R/W

EXISTING R/W

PC 315+16.51

313+00

314+00

315+00

316+00

317+00

318+00

EXISTING R/W

MATCH LINE 312+90

R/W

R/W

SIGN

SIGN

SIGN

ALLIANT ENERGY (ELECTRIC)

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 14	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 02

PLOT DATE : 10/20/2026 3:04 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE 318+80

R/W

EXISTING R/W

SIGN

SIGN

SIGN

SIGN

SIGN

ROCK FACE

319+00

320+00

321+00

322+00

323+00

324+00

PT: 321+69.71

EP: 101+87.28 "DW"

STH 130

PT: 101+61.80 "DW"

SIGN

R/W

T.L.E.

ALLIANT ENERGY (ELECTRIC)

E

PC: 101+37.90 "DW"

T.L.E.

PT: 100+79.91 "DW"

PC: 100+72.14 "DW"

T.L.E.

BP: 100+00.00 "DW"

R/W

R/W

ROCK FACE

R/W

MATCH LINE 324+70

LEGEND

- EROSION MAT CLASS III TYPE C
- SILT FENCE
- MEDIUM RIP RAP
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 15	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 10/20/2026 3:04 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE 324+70

LEGEND

- EROSION MAT CLASS III TYPE C
- SILT FENCE
- MEDIUM RIP RAP
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

SIGN

EXISTING R/W

EXISTING R/W

R/W

R/W

STH 130

SIGN

PC: 329+72.49

325+00

326+00

327+00

328+00

329+00

330+00

SIGN

R/W

R/W

R/W

MATCH LINE 330+60

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 16	E

2

LEGEND

- EROSION MAT CLASS III TYPE C
- SILT FENCE
- MEDIUM RIP RAP
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

N

R/W

END RECONSTRUCT
STA. 331+00

331+00

332+00

333+00

PCC: 333+49.18

STH 130

334+00

335+00

336+00

EXISTING R/W

END PROJECT
STA. 333+65

MATCH LINE 330+60

SIGN

GUY

OH

ALLIANT ENERGY (OVERHEAD)

FRONTIER (UNDERGROUND)

EXISTING R/W

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	EROSION CONTROL	SHEET 17	E

2

2

LEGEND

EXISTING SIGN MOUNTED ON POST

PROPOSED SIGN MOUNTED ON POST

FINAL LOCATION FOR MOVING SIGN

XXX DENOTES SIGN NUMBER

N

SIGN

308 309 310 311 312 313 314

STH 130

FO E E E E E E E E E E E E

SIGN

SIGN

SIGN

1-01

W1-2L
30"X30"

45 MPH

W13-1
18"X18"

1-02

BEGIN PROJECT
STA 309+50
MATCH INTO 5770-02-70

1-03

W

REMOVE

30 MPH

REMOVE

1-04

NOTES:
PERMANENT SIGN LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE PLACED IN ACCORDANCE TO DETAILS AND THE MUTCD.

ALL SIGN POSTS SHALL BE INSTALLED AT A MINIMUM OF 4-FT IN THE GROUND.

MOUNTING HEIGHT FOR W1-8 SIGNS IS 4-FT MEASURED VERTICALLY FROM BOTTOM OF SIGN TO TOP OF PAVEMENT SURFACE.

REFER TO SIGN PLATE A4-3 FOR INSTALLATION DETAILS ON ALL SIGNS.

CHEVRONS REQUIRE 2 ADJUSTABLE MOUNTING BRACKETS. REFER TO SIGN PLATE A5-11.

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PERMANENT SIGNING	SHEET 18	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON POST
- FINAL LOCATION FOR MOVING SIGN
- XXX DENOTES SIGN NUMBER

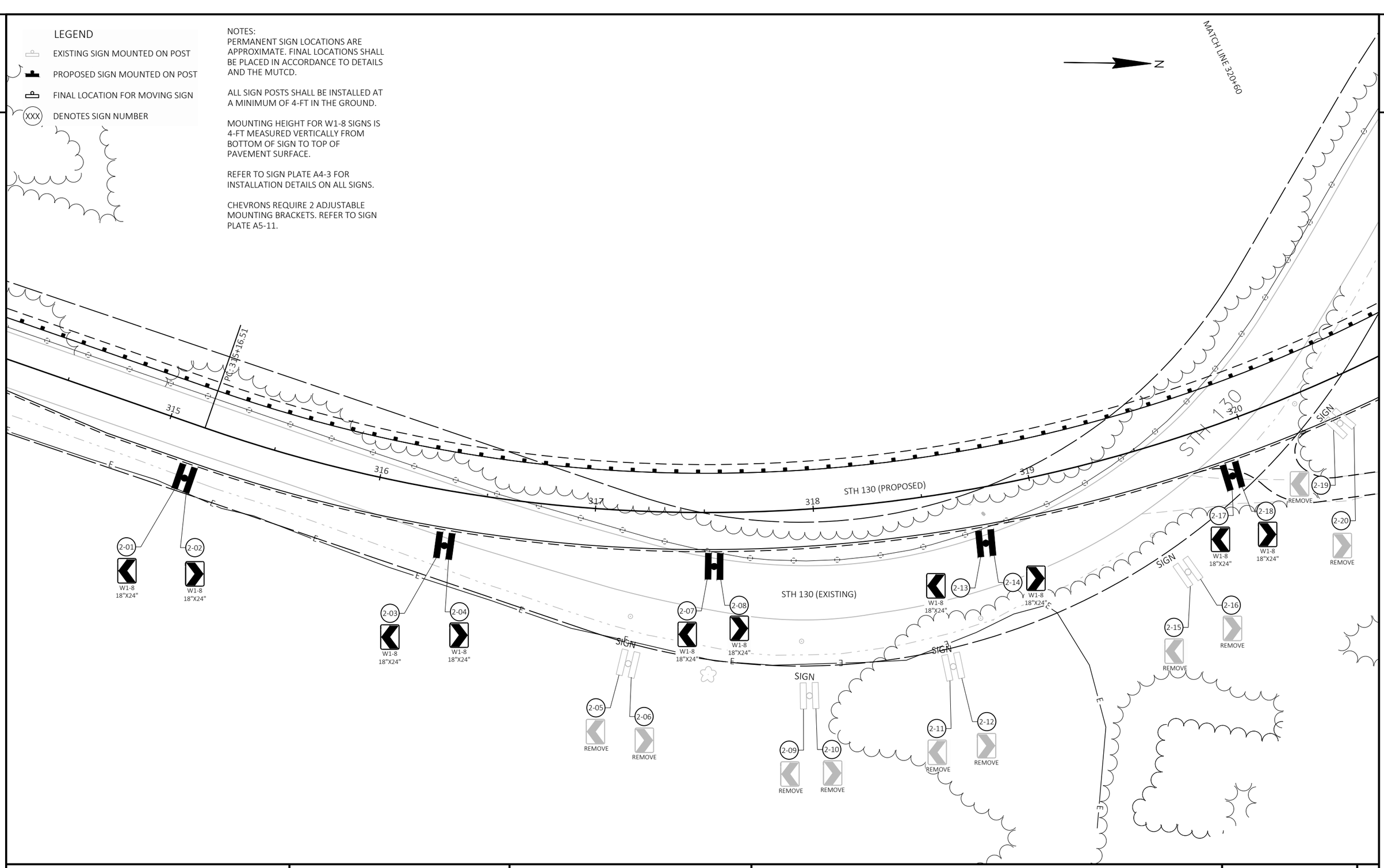
NOTES:
PERMANENT SIGN LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE PLACED IN ACCORDANCE TO DETAILS AND THE MUTCD.

ALL SIGN POSTS SHALL BE INSTALLED AT A MINIMUM OF 4-FT IN THE GROUND.

MOUNTING HEIGHT FOR W1-8 SIGNS IS 4-FT MEASURED VERTICALLY FROM BOTTOM OF SIGN TO TOP OF PAVEMENT SURFACE.

REFER TO SIGN PLATE A4-3 FOR INSTALLATION DETAILS ON ALL SIGNS.

CHEVRONS REQUIRE 2 ADJUSTABLE MOUNTING BRACKETS. REFER TO SIGN PLATE A5-11.



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PERMANENT SIGNING	SHEET 19	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 02

PLOT DATE : 7/14/2026 1:40 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON POST
- FINAL LOCATION FOR MOVING SIGN
- XXX DENOTES SIGN NUMBER

N

REMOVE 3-03
REMOVE 3-04
REMOVE 3-07
REMOVE 3-08
REMOVE 3-09
REMOVE 3-10
REMOVE 3-11
REMOVE 3-12
REMOVE 3-13
REMOVE 3-14

SIGN
SIGN
SIGN
SIGN

STH 130 (EXISTING)

W1-2R 30"X30" 3-17
45 MPH W13-1 18"X18" 3-18

STH 130

PT: 321+64.71

321 322 323 STH 130 (PROPOSED) 324 325 326

3-01 W1-8 18"X24"
3-02 W1-8 18"X24"
3-05 W1-8 18"X24"
3-06 W1-8 18"X24"

3-15
W1-5L 30"X30"
30 MPH W13-1 18"X18" 3-16

NOTES:
PERMANENT SIGN LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE PLACED IN ACCORDANCE TO DETAILS AND THE MUTCD.

ALL SIGN POSTS SHALL BE INSTALLED AT A MINIMUM OF 4-FT IN THE GROUND.

MOUNTING HEIGHT FOR W1-8 SIGNS IS 4-FT MEASURED VERTICALLY FROM BOTTOM OF SIGN TO TOP OF PAVEMENT SURFACE.

REFER TO SIGN PLATE A4-3 FOR INSTALLATION DETAILS ON ALL SIGNS.

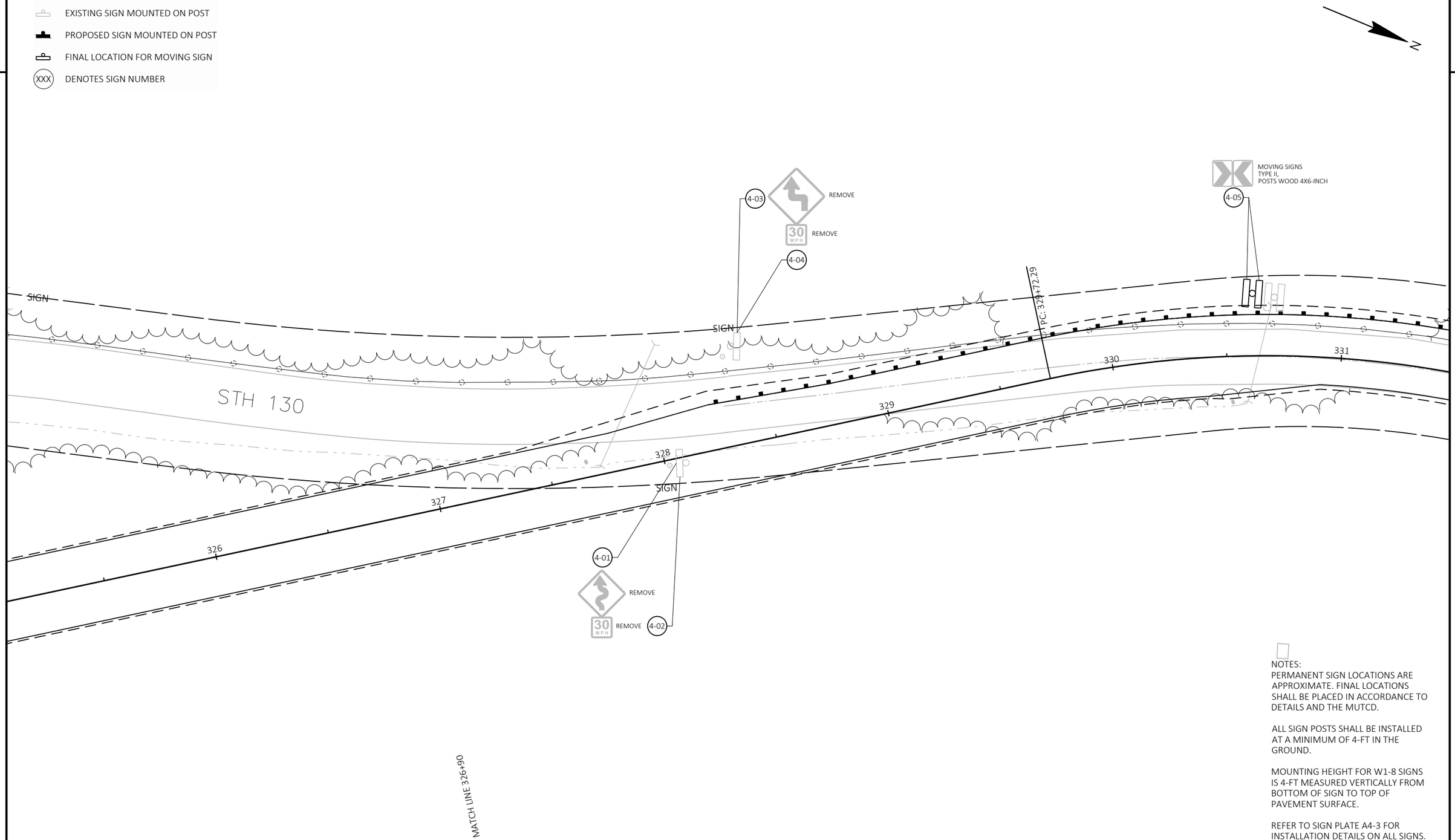
CHEVRONS REQUIRE 2 ADJUSTABLE MOUNTING BRACKETS. REFER TO SIGN PLATE A5-11.

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PERMANENT SIGNING	SHEET 20	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON POST
- FINAL LOCATION FOR MOVING SIGN
- (XXX) DENOTES SIGN NUMBER



NOTES:
PERMANENT SIGN LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE PLACED IN ACCORDANCE TO DETAILS AND THE MUTCD.

ALL SIGN POSTS SHALL BE INSTALLED AT A MINIMUM OF 4-FT IN THE GROUND.

MOUNTING HEIGHT FOR W1-8 SIGNS IS 4-FT MEASURED VERTICALLY FROM BOTTOM OF SIGN TO TOP OF PAVEMENT SURFACE.

REFER TO SIGN PLATE A4-3 FOR INSTALLATION DETAILS ON ALL SIGNS.

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PERMANENT SIGNING	SHEET 21	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON POST
- FINAL LOCATION FOR MOVING SIGN
- XXX DENOTES SIGN NUMBER

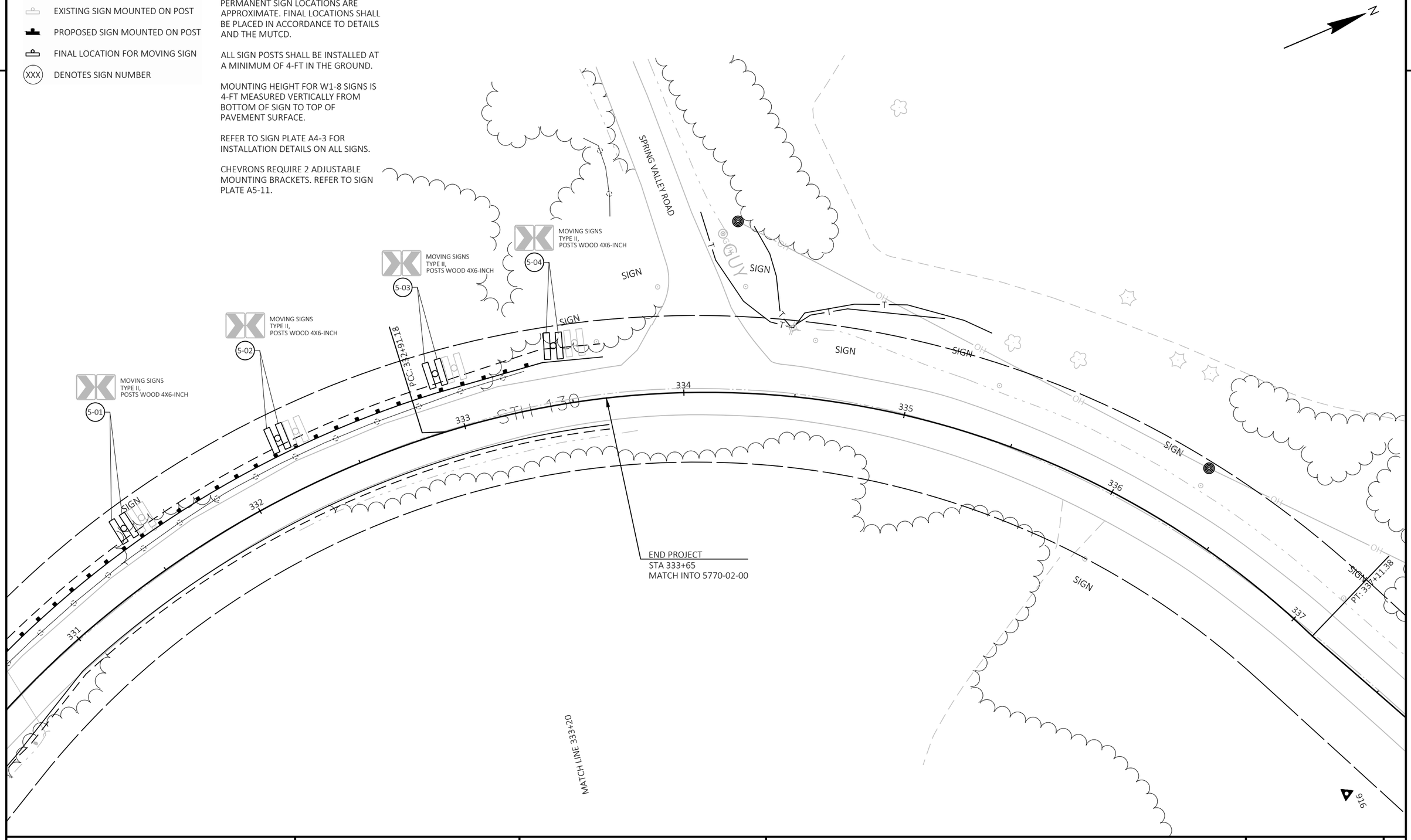
NOTES:
PERMANENT SIGN LOCATIONS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE PLACED IN ACCORDANCE TO DETAILS AND THE MUTCD.

ALL SIGN POSTS SHALL BE INSTALLED AT A MINIMUM OF 4-FT IN THE GROUND.

MOUNTING HEIGHT FOR W1-8 SIGNS IS 4-FT MEASURED VERTICALLY FROM BOTTOM OF SIGN TO TOP OF PAVEMENT SURFACE.

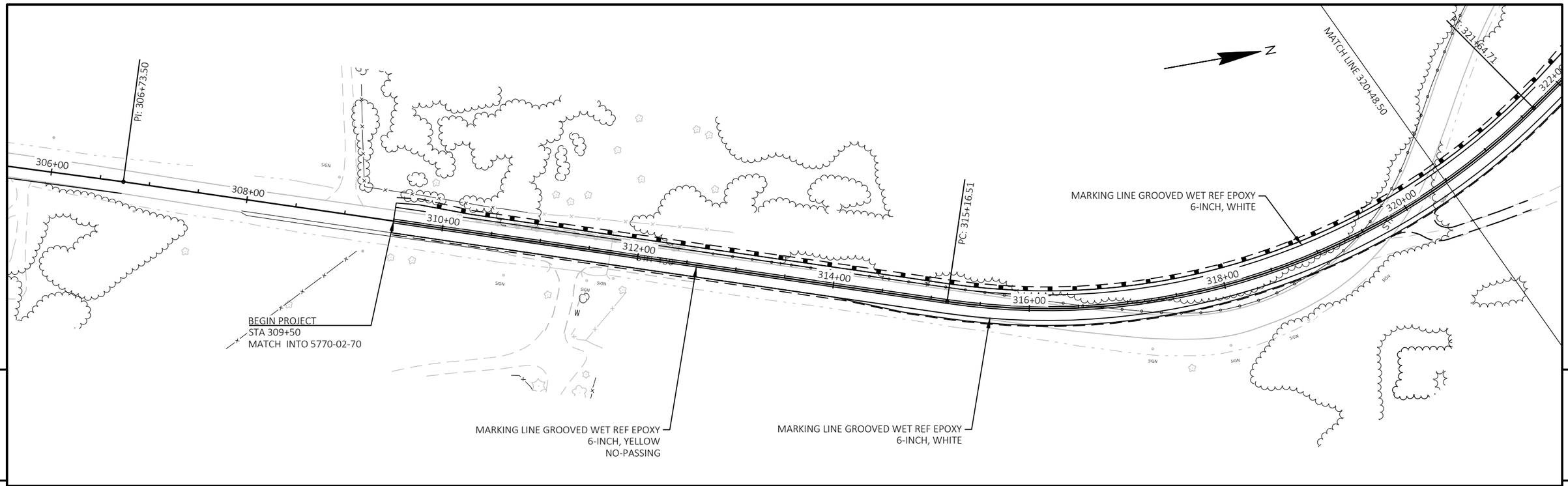
REFER TO SIGN PLATE A4-3 FOR INSTALLATION DETAILS ON ALL SIGNS.

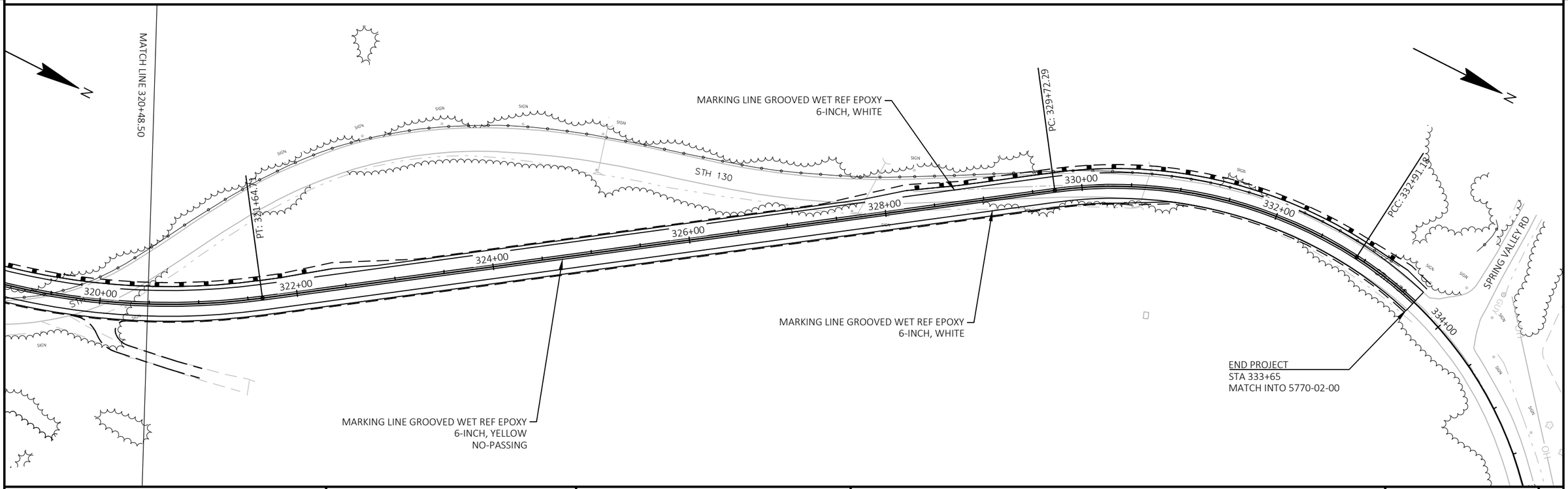
CHEVRONS REQUIRE 2 ADJUSTABLE MOUNTING BRACKETS. REFER TO SIGN PLATE A5-11.



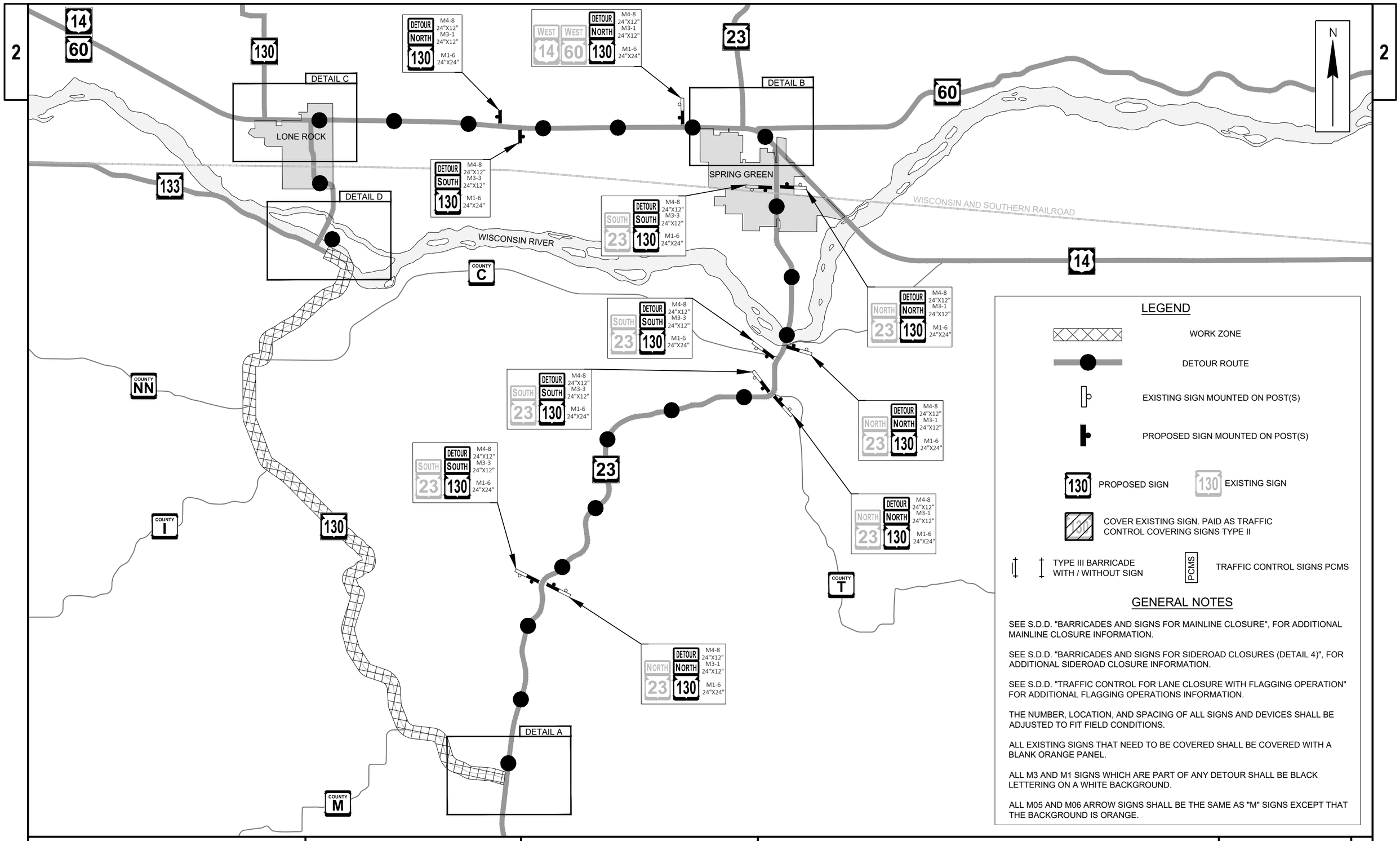
PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PERMANENT SIGNING	SHEET 22	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 05
PLOT DATE : 7/14/2026 1:40 PM
PLOT BY : CLEMENTS, ERIN A
PLOT NAME :
PLOT SCALE : 1 IN:40 FT





PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PAVEMENT MARKINGS	SHEET 23	E



GENERAL NOTES

SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURE", FOR ADDITIONAL MAINLINE CLOSURE INFORMATION.

SEE S.D.D. "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES (DETAIL 4)", FOR ADDITIONAL SIDEROAD CLOSURE INFORMATION.

SEE S.D.D. "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR ADDITIONAL FLAGGING OPERATIONS INFORMATION.

THE NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

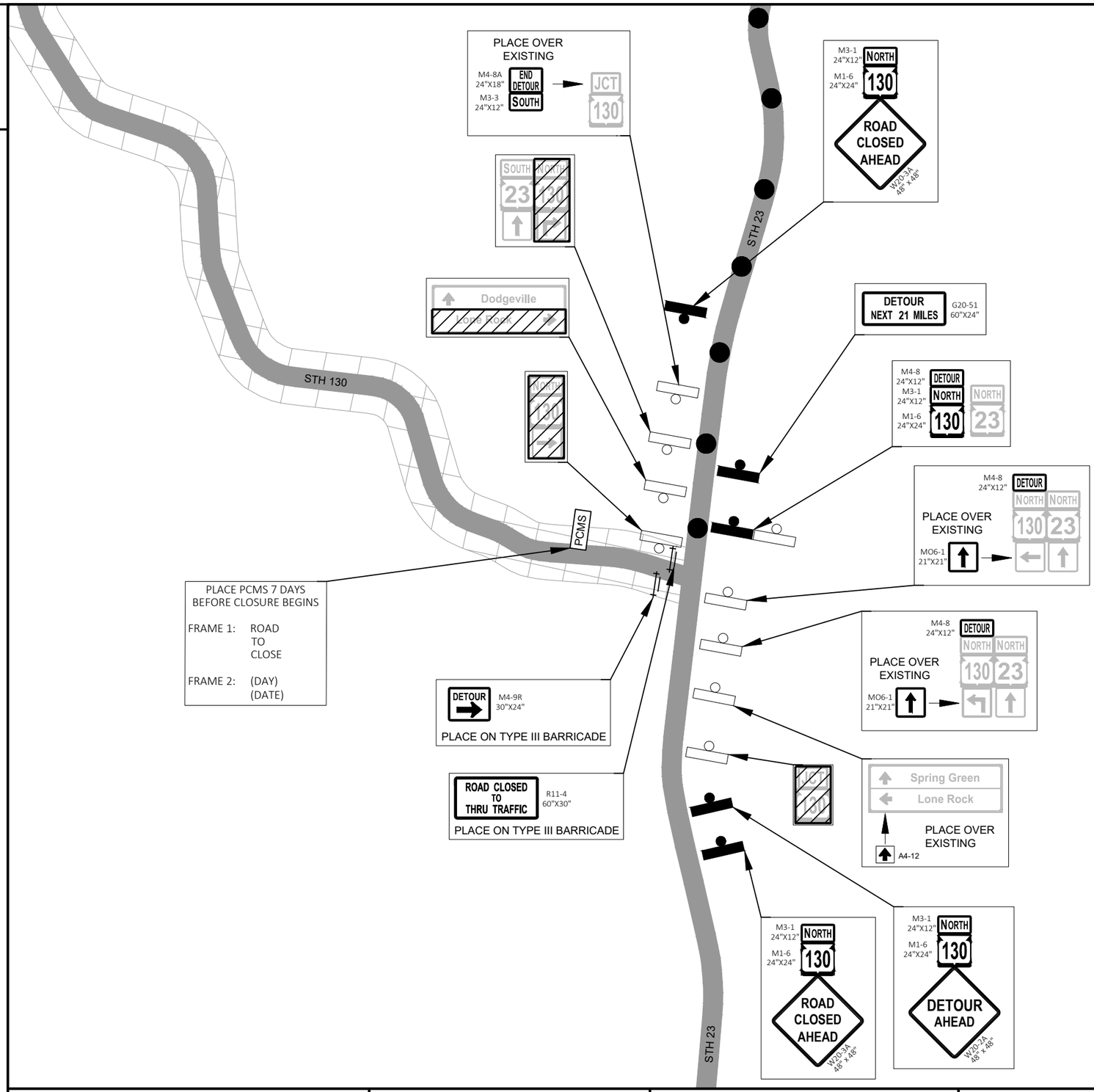
ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.

ALL M3 AND M1 SIGNS WHICH ARE PART OF ANY DETOUR SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

ALL M05 AND M06 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN	SHEET 24	E

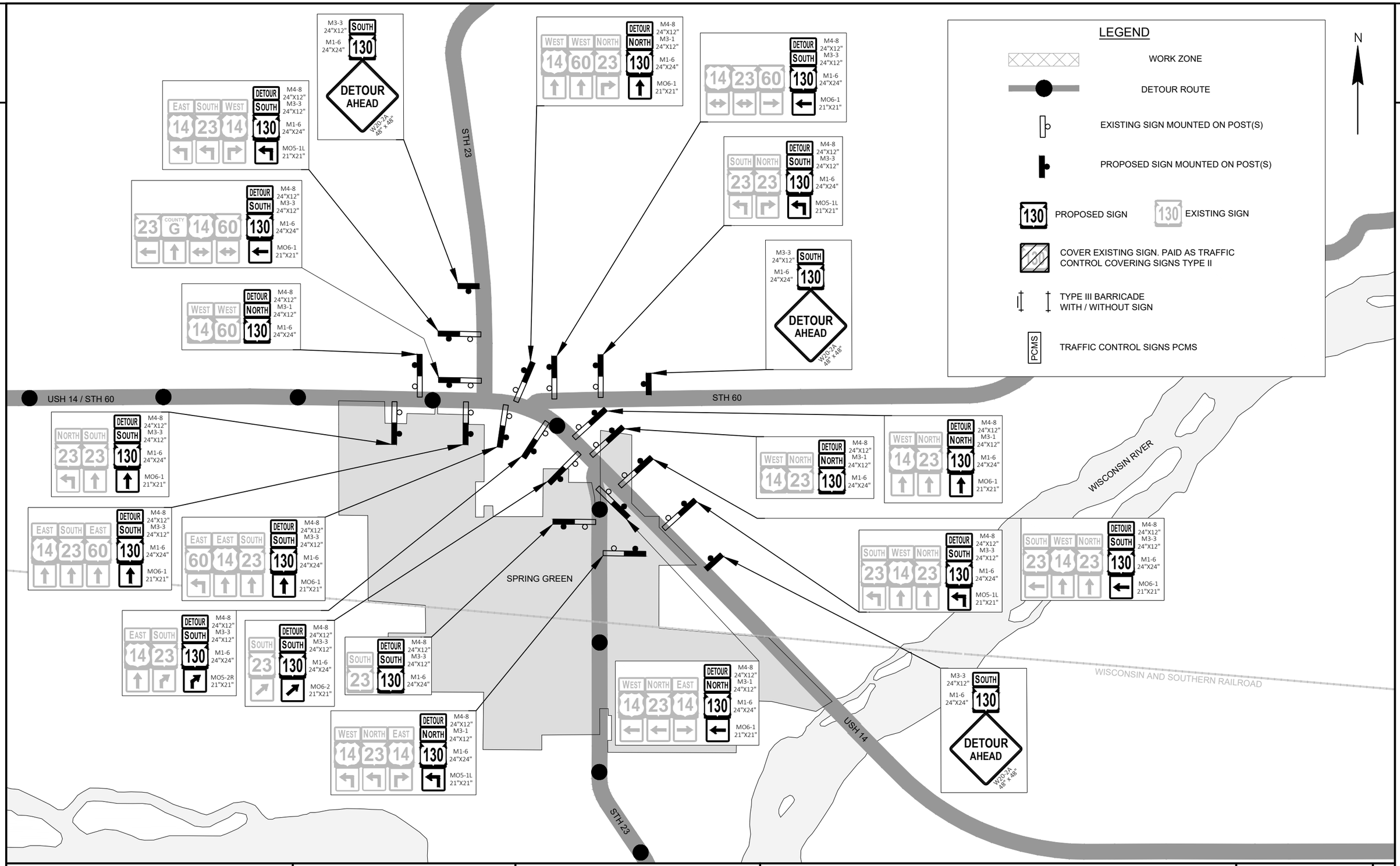
2



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL A	SHEET 25	E

2

2



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL B	SHEET 26	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 03

PLOT DATE : 7/14/2026 1:54 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:2000 FT

WISDOT/CADDS SHEET 42

2

2

N

LEGEND

- WORK ZONE
- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 130 PROPOSED SIGN — 130 EXISTING SIGN
- COVER EXISTING SIGN. PAID AS TRAFFIC CONTROL COVERING SIGNS TYPE II
- TYPE III BARRICADE WITH / WITHOUT SIGN
- PCMS — TRAFFIC CONTROL SIGNS PCMS

ROAD CLOSED TO THRU TRAFFIC — R11-4 60"X30"
PLACE ON TYPE III BARRICADE

DETOUR — M4-9L 30"X24"
PLACE ON TYPE III BARRICADE

SOUTH 130 | SOUTH 133 | NORTH 130

SOUTH 130 | SOUTH 133

PLACE OVER EXISTING
M4-8A 24"X18" END DETOUR NORTH
M3-1 24"X12"
JCT 130 | JCT 133

USH 14 / STH 60

EAST 14 60
M4-8 24"X12" DETOUR SOUTH 130
M3-3 24"X12"
M1-6 24"X24"

LONE ROCK

WEST 14 60 | WEST 14 60 | NORTH 130 | EAST 14 60 | EAST 14 60
M4-8 24"X12" DETOUR SOUTH 130
M3-3 24"X12"
M1-6 24"X24"
MO6-1 21"X21"

WEST 14 60 | WEST 14 60 | NORTH 130 | EAST 14 60 | EAST 14 60
M4-8 24"X12" DETOUR SOUTH 130
M3-3 24"X12"
M1-6 24"X24"
MO5-1R 21"X21"

NORTH 130 | NORTH 133
M4-8 24"X12" DETOUR SOUTH 130
M3-3 24"X12"
M1-6 24"X24"

M3-3 24"X12" SOUTH 130
M1-6 24"X24"
DETOUR AHEAD
W20-2A 48" x 48"

M4-8 24"X12" DETOUR
PLACE OVER EXISTING
MO6-1 21"X21"
SOUTH 130 | SOUTH 133

M4-8 24"X12" DETOUR
PLACE OVER EXISTING
MO6-1 21"X21"
SOUTH 130 | SOUTH 133

SOUTH 130 | SOUTH 133

SOUTH 130 | SOUTH 133

STH 133
STH 130

WISCONSIN RIVER

WISCONSIN AND SOUTHERN RAILROAD

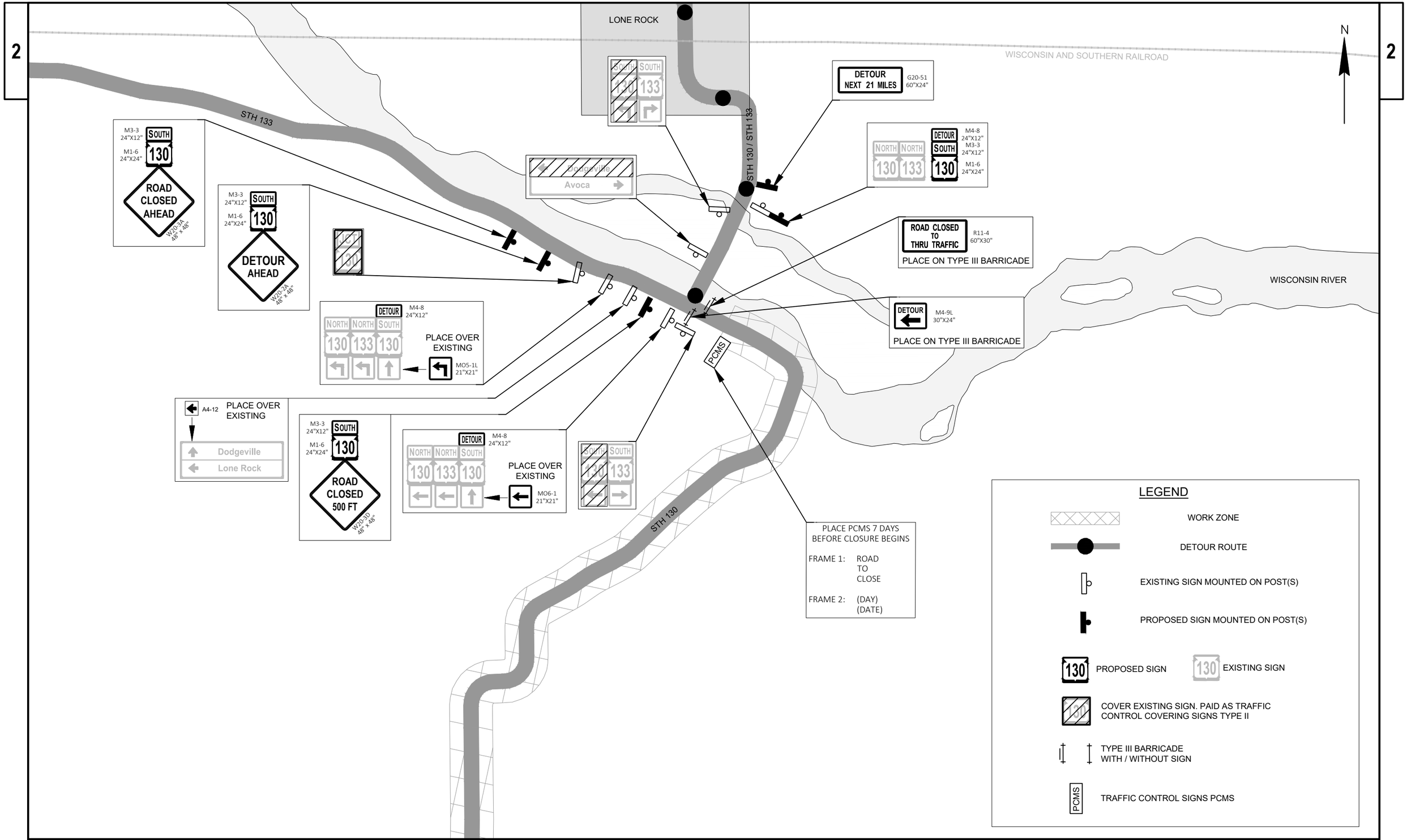
STH 133

STH 130

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL C	SHEET 27	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 04

PLOT DATE : 7/14/2026 1:54 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:2000 FT



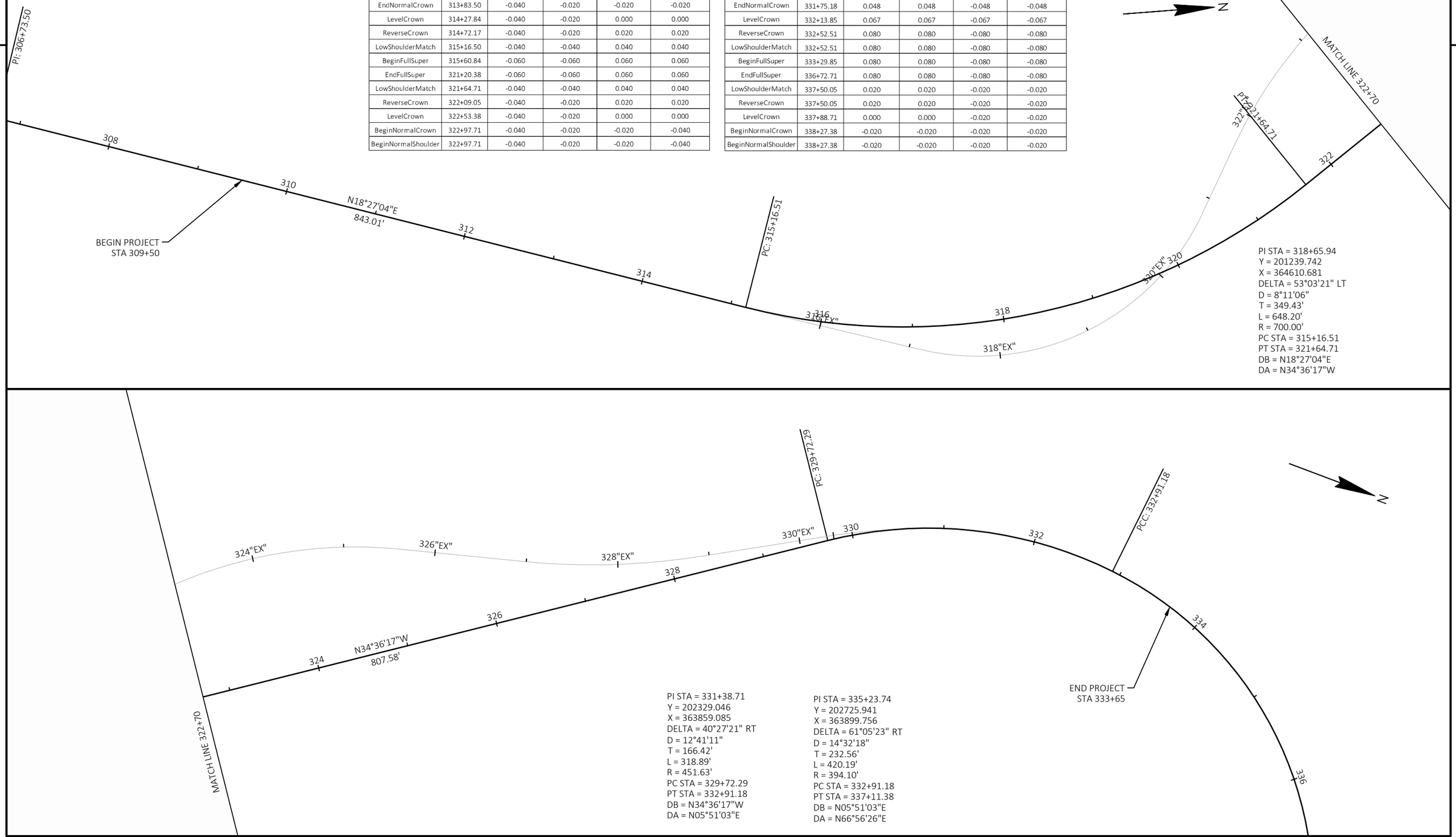
PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	DETOUR PLAN - DETAIL D	SHEET 28	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 05

PLOT DATE : 7/14/2026 1:54 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:2000 FT

SUPERELEVATION TABLE					
TRANSITION	STATION	LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
EndNormalShoulder	313+83.50	-0.040	-0.020	-0.020	-0.020
EndNormalCrown	313+83.50	-0.040	-0.020	-0.020	-0.020
LevelCrown	314+27.84	-0.040	-0.020	0.000	0.000
ReverseCrown	314+72.17	-0.040	-0.020	0.020	0.020
LowShoulderMatch	315+16.50	-0.040	-0.040	0.040	0.040
BeginFullSuper	315+60.84	-0.060	-0.060	0.060	0.060
EndFullSuper	321+20.38	-0.060	-0.060	0.060	0.060
LowShoulderMatch	321+64.71	-0.040	-0.040	0.040	0.040
ReverseCrown	322+09.05	-0.040	-0.020	0.020	0.020
LevelCrown	322+53.38	-0.040	-0.020	0.000	0.000
BeginNormalCrown	322+97.71	-0.040	-0.020	-0.020	-0.040
BeginNormalShoulder	322+97.71	-0.040	-0.020	-0.020	-0.040

SUPERELEVATION TABLE					
TRANSITION	STATION	LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
EndNormalShoulder	331+75.18	0.048	0.048	-0.048	-0.048
EndNormalCrown	331+75.18	0.048	0.048	-0.048	-0.048
LevelCrown	332+13.85	0.067	0.067	-0.067	-0.067
ReverseCrown	332+52.51	0.080	0.080	-0.080	-0.080
LowShoulderMatch	332+52.51	0.080	0.080	-0.080	-0.080
BeginFullSuper	333+29.85	0.080	0.080	-0.080	-0.080
EndFullSuper	336+72.71	0.080	0.080	-0.080	-0.080
LowShoulderMatch	337+50.05	0.020	0.020	-0.020	-0.020
ReverseCrown	337+50.05	0.020	0.020	-0.020	-0.020
LevelCrown	337+88.71	0.000	0.000	-0.020	-0.020
BeginNormalCrown	338+27.38	-0.020	-0.020	-0.020	-0.020
BeginNormalShoulder	338+27.38	-0.020	-0.020	-0.020	-0.020



5770-02-72

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	24.000	24.000
0006	201.0120	Clearing	ID	24.000	24.000
0008	201.0205	Grubbing	STA	24.000	24.000
0012	201.0220	Grubbing	ID	24.000	24.000
0014	203.0100	Removing Small Pipe Culverts	EACH	4.000	4.000
0018	204.0120	Removing Asphaltic Surface Milling	SY	1,800.000	1,800.000
0020	204.0165	Removing Guardrail	LF	2,390.000	2,390.000
0022	205.0100	Excavation Common	CY	14,696.000	14,696.000
0024	205.0200	Excavation Rock	CY	33,487.000	33,487.000
0026	209.2500	Backfill Granular Grade 2	TON	300.000	300.000
0030	211.0101	Prepare Foundation for Asphaltic Paving (project) 02. 5770-02-72	EACH	1.000	1.000
0032	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	50.000	50.000
0036	213.0100	Finishing Roadway (project) 02. 5770-02-72	EACH	1.000	1.000
0038	214.0100	Obliterating Old Road	STA	4.000	4.000
0040	305.0110	Base Aggregate Dense 3/4-Inch	TON	470.000	470.000
0042	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	5,750.000	5,750.000
0044	312.0110	Select Crushed Material	TON	120.000	120.000
0046	455.0605	Tack Coat	GAL	600.000	600.000
0052	460.2000	Incentive Density HMA Pavement	DOL	1,580.000	1,580.000
0060	460.5223	HMA Pavement 3 LT 58-28 S	TON	1,420.000	1,420.000
0062	460.5224	HMA Pavement 4 LT 58-28 S	TON	1,040.000	1,040.000
0068	465.0520	Asphaltic Rumble Strips, Shoulder	LF	4,120.000	4,120.000
0070	465.0560	Asphaltic Rumble Strips, Centerline	LF	2,420.000	2,420.000
0084	521.1018	Apron Endwalls for Culvert Pipe Steel 18-Inch	EACH	2.000	2.000
0086	521.3118	Culvert Pipe Corrugated Steel 18-Inch	LF	38.000	38.000
0090	522.2419	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	96.000	96.000
0092	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	4.000	4.000
0098	606.0200	Riprap Medium	CY	10.000	10.000
0100	611.9850.S	Pipe Grates (size) 01. 19x30-Inch	EACH	3.000	3.000
0114	614.2300	MGS Guardrail 3	LF	1,575.000	1,575.000
0120	614.2610	MGS Guardrail Terminal EAT	EACH	4.000	4.000
0126	618.0100	Maintenance and Repair of Haul Roads (project) 02. 5770-02-72	EACH	1.000	1.000
0128	619.1000	Mobilization	EACH	0.100	0.100
0130	624.0100	Water	MGAL	100.000	100.000
0132	625.0500	Salvaged Topsoil	SY	20,020.000	20,020.000
0134	628.1504	Silt Fence	LF	4,230.000	4,230.000
0136	628.1520	Silt Fence Maintenance	LF	4,230.000	4,230.000
0138	628.1905	Mobilizations Erosion Control	EACH	4.000	4.000
0140	628.1910	Mobilizations Emergency Erosion Control	EACH	4.000	4.000
0144	628.2037	Erosion Mat Class III Type C	SY	20,020.000	20,020.000
0146	628.6510	Soil Stabilizer Type B	ACRE	1.000	1.000
0148	628.7504	Temporary Ditch Checks	LF	1,325.000	1,325.000
0150	628.7555	Culvert Pipe Checks	EACH	3.000	3.000
0152	629.0210	Fertilizer Type B	CWT	13.000	13.000
0156	630.0171	Seeding Mixture No. 70A	LB	365.000	365.000
0160	630.0200	Seeding Temporary	LB	365.000	365.000
0162	630.0500	Seed Water	MGAL	460.000	460.000
0164	633.5200	Markers Culvert End	EACH	4.000	4.000
0166	634.0612	Posts Wood 4x6-Inch x 12-FT	EACH	15.000	15.000

5770-02-72

Line	Item	Item Description	Unit	Total	Qty
0172	637.2230	Signs Type II Reflective F	SF	67.500	67.500
0174	638.2102	Moving Signs Type II	EACH	12.000	12.000
0176	638.2602	Removing Signs Type II	EACH	36.000	36.000
0178	638.3000	Removing Small Sign Supports	EACH	18.000	18.000
0184	643.0420	Traffic Control Barricades Type III	DAY	700.000	700.000
0186	643.0705	Traffic Control Warning Lights Type A	DAY	1,000.000	1,000.000
0188	643.0900	Traffic Control Signs	DAY	9,500.000	9,500.000
0190	643.0920	Traffic Control Covering Signs Type II	EACH	12.000	12.000
0194	643.3170	Temporary Marking Line Epoxy 6-Inch	LF	9,660.000	9,660.000
0196	643.5000	Traffic Control	EACH	0.100	0.100
0198	645.0120	Geotextile Type HR	SY	46.000	46.000
0202	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	9,660.000	9,660.000
0212	650.4500	Construction Staking Subgrade	LF	45.000	45.000
0214	650.5000	Construction Staking Base	LF	2,415.000	2,415.000
0218	650.6000	Construction Staking Pipe Culverts	EACH	3.000	3.000
0220	650.8000	Construction Staking Resurfacing Reference	LF	715.000	715.000
0224	650.9911	Construction Staking Supplemental Control (project) 02. 5770-02-72	EACH	1.000	1.000
0226	650.9920	Construction Staking Slope Stakes	LF	2,537.000	2,537.000
0230	690.0150	Sawing Asphalt	LF	120.000	120.000
0232	740.0440	Incentive IRI Ride	DOL	915.000	915.000
0234	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	1,200.000	1,200.000
0236	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	600.000	600.000

DIVISION	FROM/TO STATION	LOCATION	EXCAVATION COMMON (1) CUT (2)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (3)	AVAILABLE MATERIAL (4)	205.0200 ROCK EXCAVATION (5)	EXPANDED ROCK (6) FACTOR 1.20	UNEXPANDED FILL	EXPANDED FILL (7) FACTOR 1.25	MASS ORDINATE +/- (8)	WASTE (9)	208.0100 BORROW	COMMENT
DIVISION 1													
130	309+50.00/333+50.00	MAINLINE & "EX"	14,377	0	14,377	33,487	40,184	21,336	-23,561	37,938			INCLUDES EXISTING ROADWAY GRADING
AGG DWY	100+50.00/101+57.70	DRIVEWAY "DW"	319	0	319	0	0	309	386	-67			
DIVISION 1 SUBTOTAL			14,696	0	14,696	33,487	40,184	21,645	-23,174	37,870	37,870	0	
GRAND TOTAL			14,696	0	14,696	33,487	40,184	21,645	-23,174	37,870	37,870	0	

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) SALVAGED/UNUSABLE PAVEMENT MATERIAL
(4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL
(5) ROCK EXCAVATION ITEM NUMBER 205.0200
(6) EXPANDED ROCK FACTOR = 1.20
(7) EXPANDED FILL FACTOR = 1.25
EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR
(8) 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.
(9) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATI

CLEARING & GRUBBING

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0120 CLEARING ID	201.0205 GRUBBING STA	201.0220 GRUBBING ID
0010	310+86	-		LT	-	24	-	24
0010	312+00	-	334+00	LT/RT	22	-	22	-
0010	100+00 "DW"	-	102+00 "DW"	LT/RT	2	-	2	-
				TOTAL 0010	24	24	24	24

REMOVING CULVERTS

CATEGORY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
0010	311+72	LT/RT	1	24" CMCP
0010	325+25	LT	1	24" CMCP
0010	327+86	LT	1	24" CMCP
0010	330+64	LT/RT	1	24" CMCP
		TOTAL 0010	4	

3

REMOVING GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	204.0165 REMOVING GUARDRAIL LF
0010	310+00	-	333+31	LT	2,390
				TOTAL 0010	2,390

MILLING

CATEGORY	STATION	TO	STATION	LOCATION	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
0010	309+50	-	311+50	LT/RT	540
0010	311+95	-	314+00	LT/RT	550
0010	331+00	-	333+65	LT/RT	710
				TOTAL 0010	1,800

3

PREPARE FOUNDATION

CATEGORY	STATION	TO	STATION	LOCATION	211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (02. 5770-02-72) EACH	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA
0010	309+50	-	333+65	LT/RT	1	50
				TOTAL 0010	1	50

OBLITERATING ROAD

CATEGORY	STATION	TO	STATION	LOCATION	214.0100 OBLITERATING OLD ROAD STA
0010	321+00	-	325+00	LT	4
				TOTAL 0010	4

3

3

BASE AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	209.2500 BACKFILL GRANULAR GRADE 2 TON	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	624.0100 WATER MGAL	REMARKS
0010	309+50	-	333+65	LT/RT	240	370	5,600	-	94	MAINLINE
0010	311+50	-	311+95	LT/RT	60	-	150	120	4	19X30-INCH CULVERT
0010	320+07	-		RT	-	100	-	-	2	AGG DRIVEWAY
				TOTAL 0010	300	470	5,750	120	100	

ASPHALT ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S TON	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	465.0520 ASPHALTIC RUMBLE STRIPS, SHOULDER LF	465.0560 ASPHALTIC RUMBLE STRIPS, CENTERLINE LF
0010	309+50	-	333+65	LT/RT	600	1,420	1,040	4,120	2,420
				TOTAL 0010	600	1,420	1,040	4,120	2,420

CULVERTS

CATEGORY	STATION	LOCATION	521.1018 APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH EACH	521.3118 CULVERT PIPE CORRUGATED STEEL 18-INCH LF	522.2419 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH LF	522.2619 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH EACH	611.9850.S.01 PIPE GRATES (SIZE) (01. 19X30-INCH) EACH	633.5200 MARKERS CULVERT END EACH	REMARKS
0010	311+72	LT/RT	-	-	44	2	2	2	
0010	330+00	LT/RT	-	-	52	2	1	2	
0010	101+58 "DW"	LT/RT	2	38	-	-	-	-	NEW AGG DWY
		TOTAL 0010	2	38	96	4	3	4	

3

RIPRAP

CATEGORY	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	REMARKS
0010	311+72	LT/RT	5	23	24" CULVERT
0010	330+64	LT/RT	5	23	24" CULVERT
		TOTAL 0010	10	46	

BEAMGUARD

CATEGORY	STATION	TO	STATION	LOCATION	614.2300 MGS GUARDRAIL 3 LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH
0010	309+74	-	322+39	LT	1,145	2
0010	328+24	-	333+40	LT	430	2
			TOTAL 0010		1,575	4

LANDSCAPING ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0171 SEEDING MIXTURE NO. 70A LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL
0010	309+50	-	333+65	LT	9,720	6	175	175	220
0010	309+50	-	333+65	RT	6,070	3	110	110	140
0010	100+47 "DW"	-	101+69 "DW"	LT	220	1	5	5	5
0010	PROJECT			UNDISTRIBUTED	4,010	3	75	75	95
				TOTAL 0010	20,020	13	365	365	460

EROSION CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2037 EROSION MAT CLASS III TYPE C SY	628.6510 SOIL STABILIZER TYPE B ACRE	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH
0010	309+50	-	333+65	LT	3,240	3,240	2	2	9,720	1	320	-
0010	309+50	-	333+65	RT	-	-	1	1	6,070	-	740	-
0010	311+72	-		LT/RT	-	-	-	-	-	-	-	1
0010	330+64	-		LT/RT	-	-	-	-	-	-	-	1
0010	100+47 "DW"	-	101+69 "DW"	LT	140	140	1	1	220	-	-	1
0010	PROJECT			UNDISTRIBUTED	850	850	-	-	4,010	-	265	-
				TOTAL 0010	4,230	4,230	4	4	20,020	1	1,325	3

3

PERMANENT SIGNING

CATEGORY	SIGN NUMBER	STATION	LOCATION	SIGN CODE	SIZE (IN X IN)	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
0010	1-01	310+12	RT	W1-2L	30" X 30"	1	6.25		-	-
0010	1-02	310+12	RT	W13-1	18" X 18"	-	2.25		-	-
0010	1-03, 1-04	311+59	RT	-	-	-	-	2	2	1
0010	2-01, 2-02	315+15	RT	W1-8	18" X 24"	1	6.00	-	-	-
0010	2-03, 2-04	316+34	RT	W1-8	18" X 24"	1	6.00		-	-
0010	2-05, 2-06	317+18	RT	-	-	-	-	-	2	1
0010	2-07, 2-08	317+55	RT	W1-8	18" X 24"	1	6.00	-	-	-
0010	2-09, 2-10	317+93	RT	-	-	-	-	-	2	1
0010	2-11, 2-12	318+53	RT	-	-	-	-	-	2	1
0010	2-13, 2-14	318+75	RT	W1-8	18" X 24"	1	6.00	-	-	-
0010	2-15, 2-16	319+57	RT	-	-	-	-	-	2	1
0010	2-17, 2-18	319+88	RT	W1-8	18" X 24"	1	6.00	-	-	-
0010	2-19, 2-20	320+42	RT	-	-	-	-	-	2	1
0010	3-01, 3-02	321+05	RT	W1-8	18" X 24"	1	6.00	-	-	-
0010	3-03, 3-04	322+11	LT	-	-	-	-	-	2	1
0010	3-05, 3-06	322+22	RT	W1-8	18" X 24"	1	6.00	-	-	-
0010	3-07, 3-08	322+95	LT	-	-	-	-	-	2	1
0010	3-09, 3-10	323+79	LT	-	-	-	-	-	2	1
0010	3-11, 3-12	324+61	LT	-	-	-	-	-	2	1
0010	3-13, 3-14	325+57	LT	-	-	-	-	-	2	1
0010	3-15	325+69	RT	W1-5L	30" X 30"	1	6.25	-	-	-
0010	3-16	325+69	RT	W13-1	18" X 18"	-	2.25	-	-	-
0010	3-17	326+54	LT	W1-2R	30" X 30"	1	6.25	-	-	-
0010	3-18	326+54	LT	W13-1	18" X 18"	-	2.25	-	-	-
0010	4-01, 4-02	328+06	RT	-	-	-	-	-	2	1
0010	4-03, 4-04	329+39	LT	-	-	-	-	-	2	1
0010	4-05	330+62	LT	-	-	1	-	2	2	1
0010	5-01	331+45	LT	-	-	1	-	2	2	1
0010	5-02	332+22	LT	-	-	1	-	2	2	1
0010	5-03	332+94	LT	-	-	1	-	2	2	1
0010	5-04	333+45	LT	-	-	1	-	2	2	1
					TOTAL 0010	15	67.50	12	36	18

TRAFFIC CONTROL

CATEGORY	LOCATION	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0900 TRAFFIC CONTROL SIGNS EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.5000 TRAFFIC CONTROL EACH	REMARKS
0010	PROJECT	4	200	8	400	175	8,750	12	0.1	DETOUR
0010	CURVE RECONSTRUCT	10	500	12	600	2	100	-	-	HARD CLOSURE
	PROJECT	-	-	-	-	13	650	-	-	SIDEROADS - ADVANCED WARNING
	TOTAL 0010		700		1,000		9,500	12	0.1	

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 SAWING ASPHALT LF
0010	309+50	LT/RT	24
0010	311+50	LT/RT	24
0010	311+95	LT/RT	24
0010	331+00	LT/RT	24
0010	333+65	LT/RT	24
		TOTAL 0010	120

PAVEMENT MARKINGS

CATEGORY	STATION	TO	STATION	LOCATION	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH YELLOW LF	643.3170 TEMPORARY MARKING LINE EPOXY 6-INCH WHITE LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH YELLOW LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH WHITE LF
0010	309+50	-	333+65	LT/RT	4830	4,830	4,830	4,830
				TOTAL 0010	9,660		9,660	

CONSTRUCTION STAKING

CATEGORY	STATION	TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (02. 5770-02-72) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF
0010	309+50	-	333+65	LT/RT	45	2,415	2	715	1	2,415
0010	100+47 "DW"	-	101+69 "DW"	LT/RT	-	-	1	-	-	122
				TOTAL 0010	45	2,415	3	715	1	2,537

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5770-02-22
STH 23 - LONE ROCK
GARTHWAITE LN TO SPRING VALLEY RD
STH 130
IOWA 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)

	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

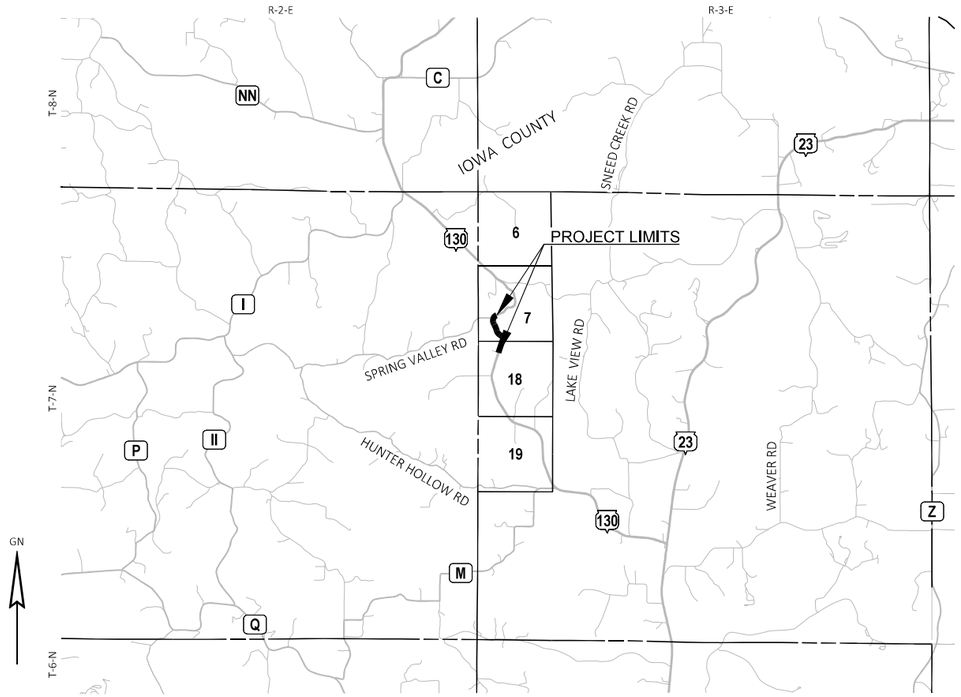
ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
CERTIFIED SURVEY MAP	CSM	RIGHT	RT
CONCRETE	CONC	RIGHT OF WAY	R/W
COUNTY	CO	SECTION	SEC
COUNTY TRUNK HIGHWAY	CTH	SEPTIC VENT	SEPV
DISTANCE	DIST	SQUARE FEET	SF
CORNER	COR	STATE TRUNK HIGHWAY	STH
DOCUMENT NUMBER	DOC	STATION	STA
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED EASEMENT	TLE
GAS VALVE	GV	TRANSPORTATION PROJECT PLAT	TPP
GRID NORTH	GN	UNITED STATES HIGHWAY	USH
HIGHWAY EASEMENT	HE	VOLUME	V
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ /DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER — W
GAS — G
TELEPHONE — T
OVERHEAD TRANSMISSION LINES — OH
ELECTRIC — E
CABLE TELEVISION — TV
FIBER OPTIC — FO
SANITARY SEWER — SAN
STORM SEWER — SS
ELECTRIC TOWER



LAYOUT
SCALE 0 1 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5770-02-22

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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 AND PERMANENT EASEMENT 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, OR FROM 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.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN SOUTHWEST REGION 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 5770-02-22 - 4. 01
SHEET 2 OF 2

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700202_040101-RP.DWG
LAYOUT NAME: 33715 TPP TITLE SHEET
PLOT DATE : 4/15/2024 8:35 AM PLOT BY : CARYN MELLOM PLOT NAME : _____

38

TRANSPORTATION PROJECT PLAT NO: 5770-02-22 - 4.01

THAT PART OF THE NE 1/4 OF THE NW 1/4 OF SECTION 18, ALL IN TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK GARTHWAITE LN TO SPRING VALLEY RD IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408, CSM NO. 1481 AND CSM NO. 240.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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.

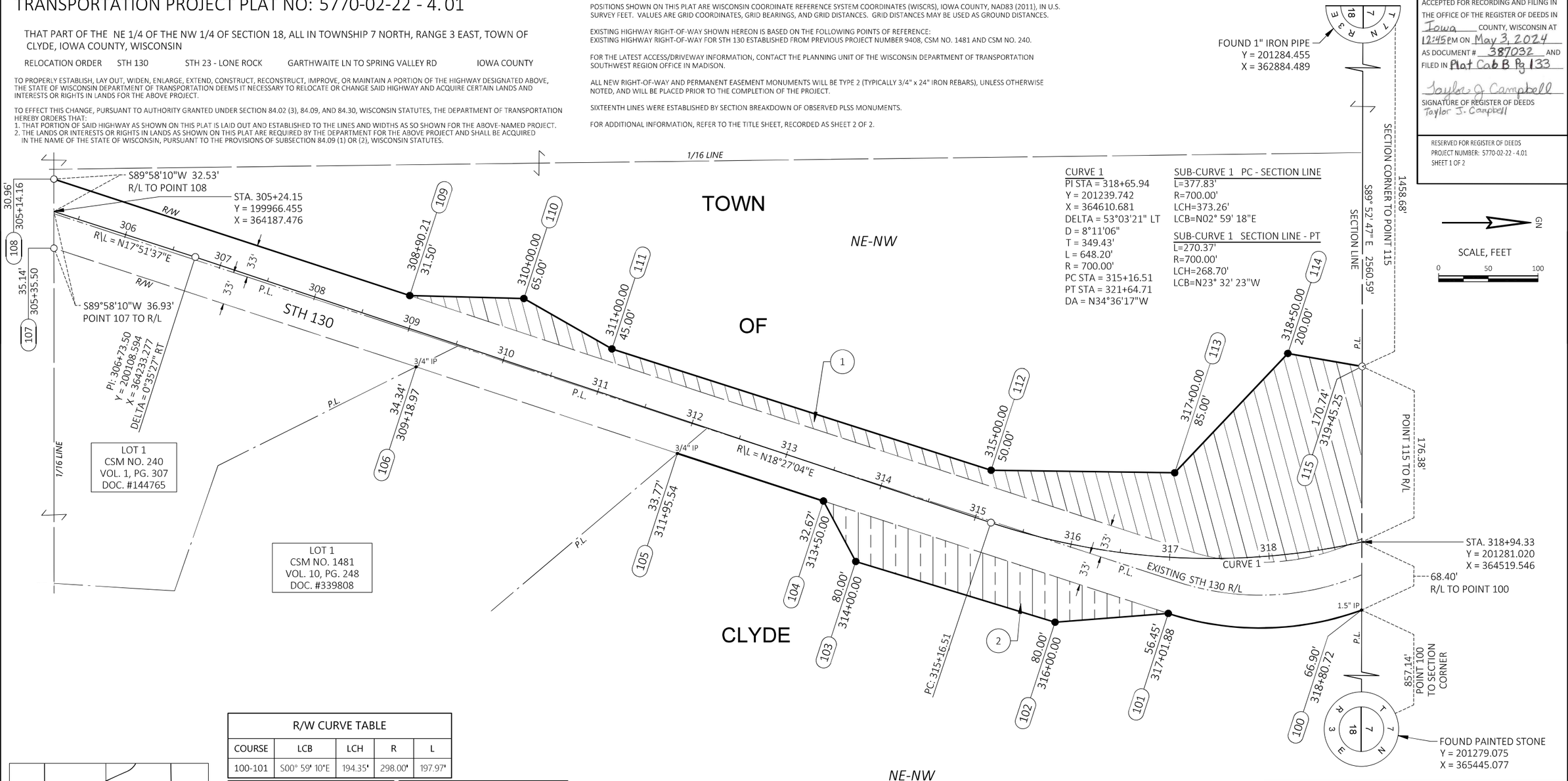
SIXTEENTH LINES WERE ESTABLISHED BY SECTION BREAKDOWN OF OBSERVED PLSS MONUMENTS.

FOR ADDITIONAL INFORMATION, REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 12:45PM ON May 3, 2024 AS DOCUMENT # 387032 AND FILED IN Plat Cab B Pg 133

Taylor J. Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J. Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-22 - 4.01
SHEET 1 OF 2

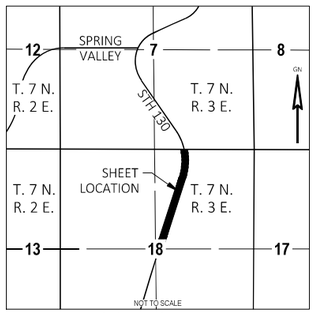


CURVE 1
PI STA = 318+65.94
Y = 201239.742
X = 364610.681
DELTA = 53°03'21" LT
D = 8°11'06"
T = 349.43'
L = 648.20'
R = 700.00'
PC STA = 315+16.51
PT STA = 321+64.71
DA = N34°36'17"W

SUB-CURVE 1 PC - SECTION LINE
L=377.83'
R=700.00'
LCH=373.26'
LCB=N02° 59' 18"E

SUB-CURVE 1 SECTION LINE - PT
L=270.37'
R=700.00'
LCH=268.70'
LCB=N23° 32' 23"W

GN
SCALE, FEET
0 50 100



LOCATION MAP

R/W CURVE TABLE				
COURSE	LCB	LCH	R	L
100-101	S00° 59' 10"E	194.35'	298.00'	197.97'

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
100-101	SEE CURVE TABLE	
101-102	S04° 25' 26"E	114.15'
102-103	S16° 56' 05"W	209.39'
103-104	S61° 52' 44"W	68.85'
104-105	S18° 02' 41"W	154.47'
105-106	S18° 19' 58"W *(N18° 19' 58"E)*	276.57' *(276.76')*
106-107	S18° 07' 08"W	383.10'

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
108-109	N18° 07' 08"E	376.36'
109-110	N01° 28' 52"E	114.79'
110-111	N29° 45' 40"E	101.98'
111-112	N17° 44' 06"E	400.03'
112-113	N00° 47' 14"E	184.58'
113-114	N46° 30' 22"W	165.20'
114-115	N09° 54' 17"E	75.82'

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

EXISTING MONUMENT POINT TABLE		
POINT NAME	Y COORDS	X COORDS
100	201280.876	364587.943
105	200593.113	364430.532
106	200330.578	364343.541

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	R/W ACRES REQUIRED		
			NEW	EXISTING	TOTAL
1	IRA DEAN KING, JR	FEE	1.13	1.04	2.17
2	DUANE AND KONNIE CARLEY	FEE	0.30	0.53	0.83

Batterman

I, KRISTIN J. BELONGIA, 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 KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J. Belongia DATE: 04/15/24
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Cory Schlagel DATE: 04/15/24
PRINT NAME: CORY SCHLAGEL

FILE NAME : J:\34600-34699\34645 - WI DOT - WO5 - 5770-02-02\DESIGN\5770-02-02 & 5770-02-00\SHEETS\57700202_040102-RP.DWG
APPRAISAL PLAT DATE : 4/15/2024
PLOT DATE : 4/15/2024 11:30 AM PLOT BY : CARYN MELLOM PLOT NAME : PLOT SCALE : 1 IN:50 FT

DOCUMENT: 389991

TRANSPORTATION PROJECT PLAT NO: 5770-02-22 - 4.02 AMENDMENT NO: 2

AMENDS PARCEL 3 OF TRANSPORTATION PROJECT PLAT NO: 5770-02-22 - 4.02 AMENDMENT NO: 1 RECORDED AS DOCUMENT NO: 388715,FILED IN PlatCab B, Pg 151

THAT PART OF THE SE 1/4 OF THE SW 1/4 AND SW 1/4 OF THE SW 1/4 OF SECTION 7, ALL IN TOWNSHIP 7 NORTH, RANGE 3 EAST, TOWN OF CLYDE, IOWA COUNTY, WISCONSIN

RELOCATION ORDER STH 130 STH 23 - LONE ROCK GARTHWAITE LN TO SPRING VALLEY RD IOWA COUNTY

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 SECTION 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-NAMED 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.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), IOWA 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.

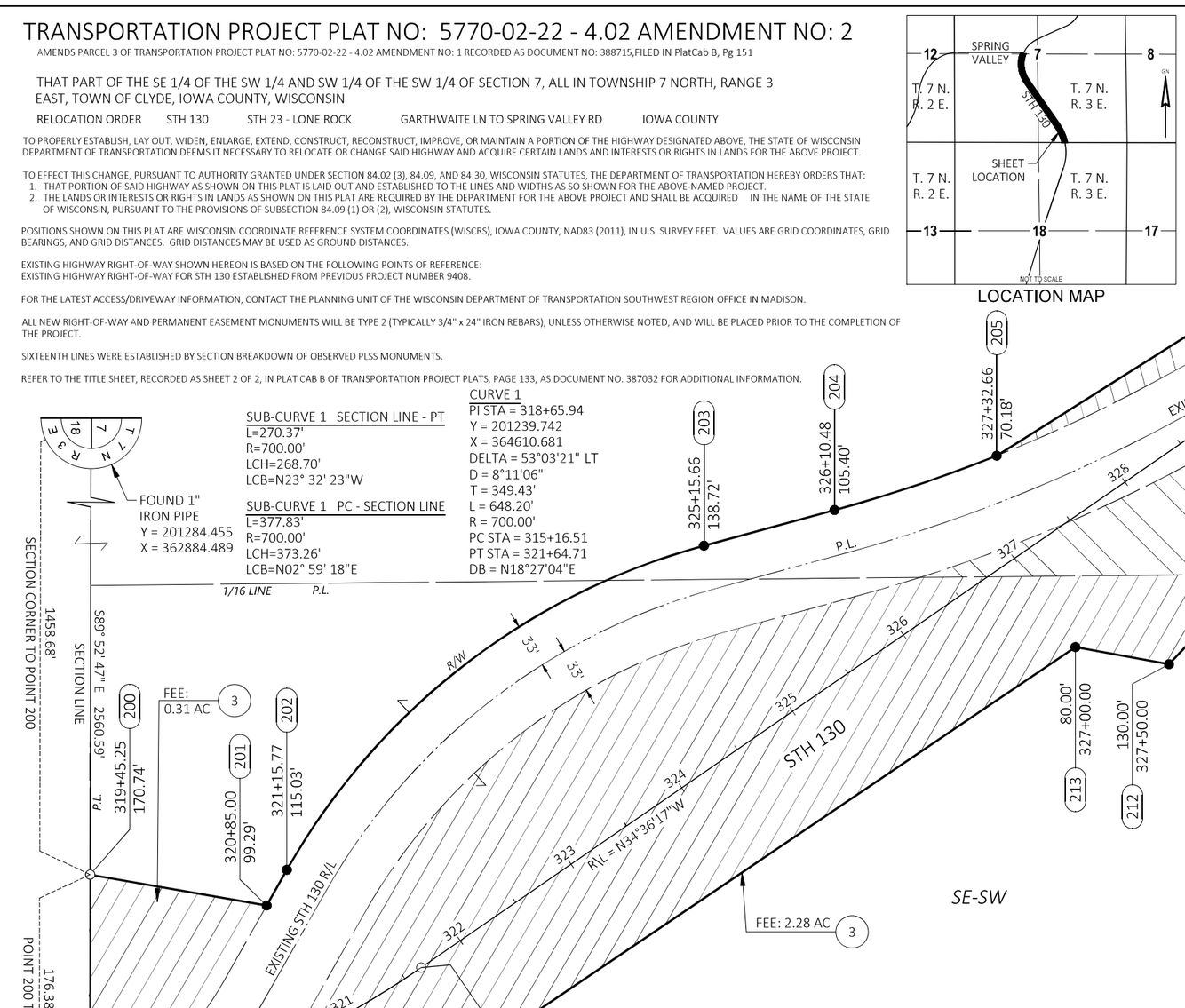
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREON IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 130 ESTABLISHED FROM PREVIOUS PROJECT NUMBER 9408.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION OFFICE IN MADISON.

ALL NEW RIGHT-OF-WAY AND PERMANENT EASEMENT 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 PLSS MONUMENTS.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2, IN PLAT CAB B OF TRANSPORTATION PROJECT PLATS, PAGE 133, AS DOCUMENT NO. 387032 FOR ADDITIONAL INFORMATION.



SUB-CURVE 1 SECTION LINE - PT
L=270.37'
R=700.00'
LCH=268.70'
LCB=N23° 32' 23"W

SUB-CURVE 1 PC - SECTION LINE
L=377.83'
R=700.00'
LCH=373.26'
LCB=N02° 59' 18"E

CURVE 1
PI STA = 318+65.94
Y = 201239.742
X = 364610.681
DELTA = 53°03'21" LT
D = 8°11'06"
T = 349.43'
L = 648.20'
R = 700.00'
PC STA = 315+16.51
PT STA = 321+64.71
DB = N18°27'04"E

PLAT OF SURVEY JOHN M. HALVERSON 9/14/1992 07SP PAGE 407

PLAT OF SURVEY MICHAEL G. ROCHON 8/16/2011 VOL. 9 PAGE 222

CURVE 2
PI STA = 331+38.71
Y = 202329.046
X = 363859.085
DELTA = 40°27'21" RT
D = 12°41'11"
T = 166.42'
L = 318.89'
R = 451.63'
PC STA = 329+72.29
PCC STA = 332+91.18
DA = N05°51'03"E

SUB-CURVE 3 PCC - 1/16 LINE
L=106.18'
R=394.10'
LCH=105.86'
LCB=N13° 34' 11"E

SUB-CURVE 3 1/16 LINE - PT
L=314.01'
R=394.10'
LCH=305.77'
LCB=N44° 06' 52"E

CURVE 3
PI STA = 335+23.74
Y = 202725.941
X = 363899.756
DELTA = 61°05'23" RT
D = 14°32'18"
T = 232.56'
L = 420.19'
R = 394.10'
PCC STA = 332+91.18
PT STA = 337+11.38
DB = N05°51'03"E
DA = N66°56'26"E

FOUND MONUMENT INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

EXISTING MONUMENT POINT TABLE		
POINT NAME	Y COORDS	X COORDS
210	202597.403	363934.523
218	201280.876	364587.943

R/W CURVE TABLE				
COURSE	LCB	LCH	R	L
202-203	N37° 51' 25"W	392.45'	510.40'	402.83'
204-205	N18° 31' 19"W	127.15'	1112.92'	127.22'
208-209	N19° 30' 31"E	11.47'	442.25'	11.47'
210-211	S03° 45' 18"W	260.05'	376.25'	265.53'
217-218	S29° 36' 50"E	99.35'	298.00'	99.82'

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
200-201	N09° 54' 17"E	133.18'
201-202	N60° 28' 00"W	30.44'
202-203	SEE CURVE TABLE	
203-204	N15° 14' 50"W	100.50'
204-205	SEE CURVE TABLE	
205-206	N32° 13' 15"W	386.90'
206-207	N02° 02' 06"W	228.65'
207-208	N28° 57' 53"E	86.87'
208-209	SEE CURVE TABLE	

R/W COURSE TABLE		
COURSE	BEARING	DISTANCE
210-211	SEE CURVE TABLE	
211-212	S46° 34' 11"E	370.90'
212-213	S10° 23' 43"W	70.71'
213-214	S34° 04' 04"E	551.60'
214-215	S12° 38' 01"E	121.73'
215-216	N77° 57' 45"E	20.03'
216-217	S07° 18' 07"E	75.21'
217-218	SEE CURVE TABLE	

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LANDS INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	OWNER(S)	INTEREST(S) REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
1	IRA DEAN KING, JR	FEE	0.30	0.71	1.01	--
3	ROBIN DOUTHITT	FEE, TLE	2.59	1.02	3.61	0.18
4	WILLIAM T OSMULSKI	FEE	0.53	0.62	1.15	--

ACCEPTED FOR RECORDING AND FILING IN THE OFFICE OF THE REGISTER OF DEEDS IN Iowa COUNTY, WISCONSIN AT 8:30 AM ON January 23, 2025 AS DOCUMENT # 389991 AND FILED IN Plat Cab B Pg 158

Taylor J Campbell
SIGNATURE OF REGISTER OF DEEDS
Taylor J Campbell

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5770-02-22 - 4.02
AMENDMENT NO: 2

Batterman

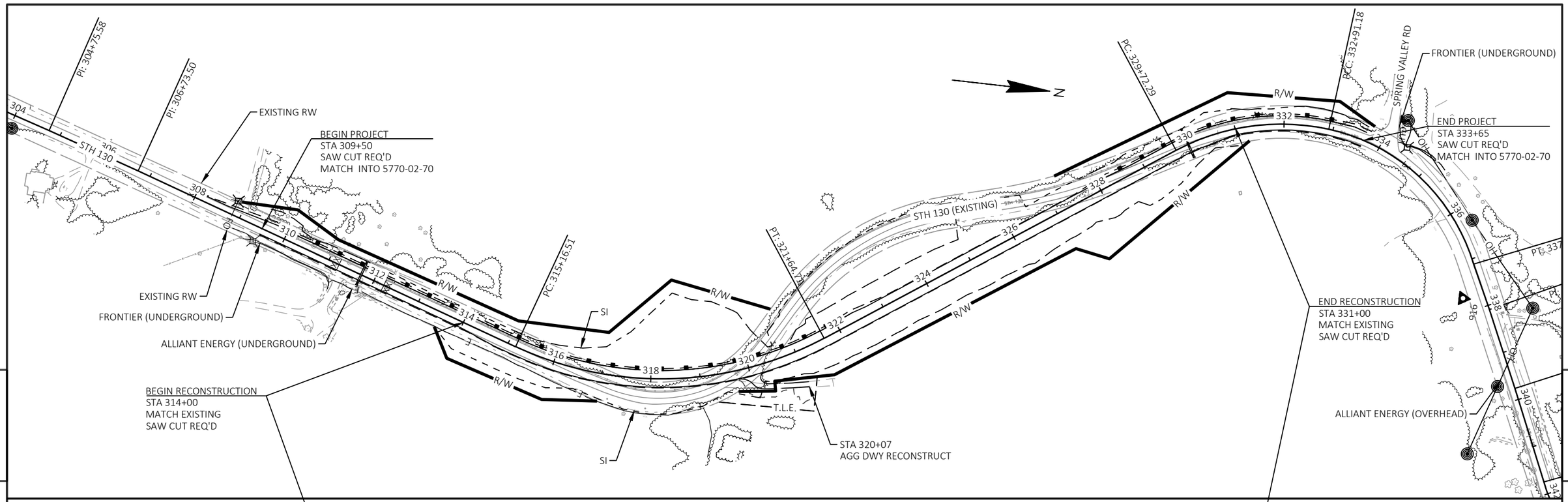
I, KRISTIN J. BELONGIA, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

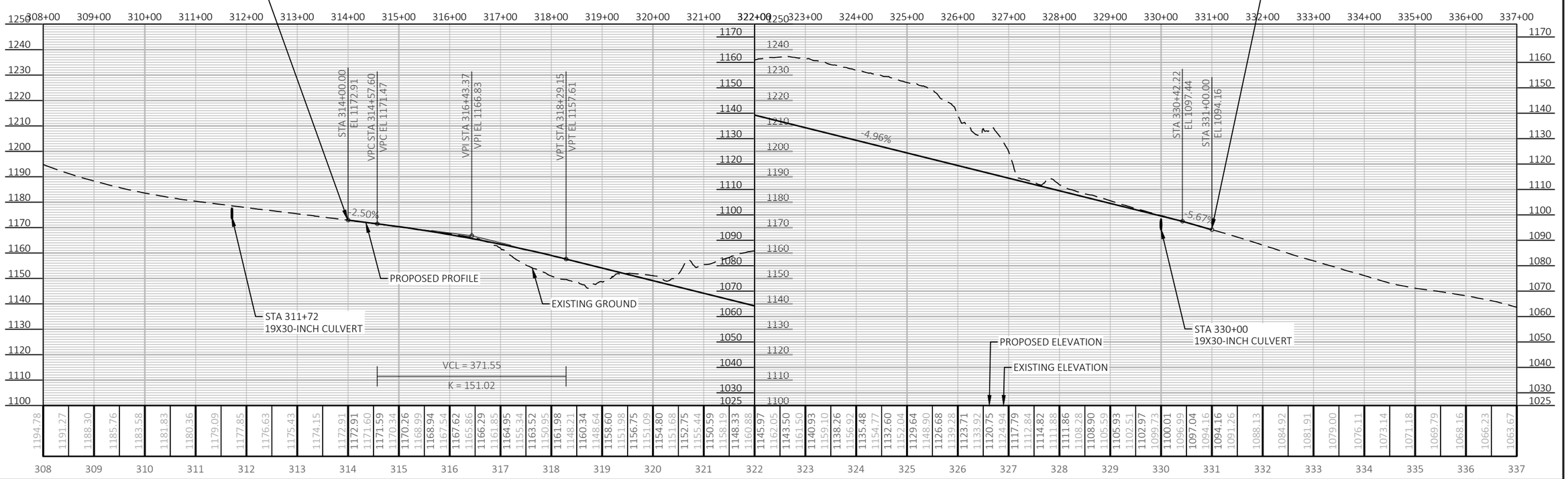
WISCONSIN KRISTIN J. BELONGIA S-2943 ELKHORN WIS. LAND SURVEYOR

SIGNATURE: Kristin J Belongia DATE: 1/20/2025
PRINT NAME: KRISTIN J. BELONGIA
REGISTRATION NUMBER: S-2943

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SOUTHWEST REGION.

SIGNATURE: Emily Hemling DATE: 1/21/2025
PRINT NAME: EMILY HEMLING





PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PLAN AND PROFILE: STH 130	SHEET 41 E

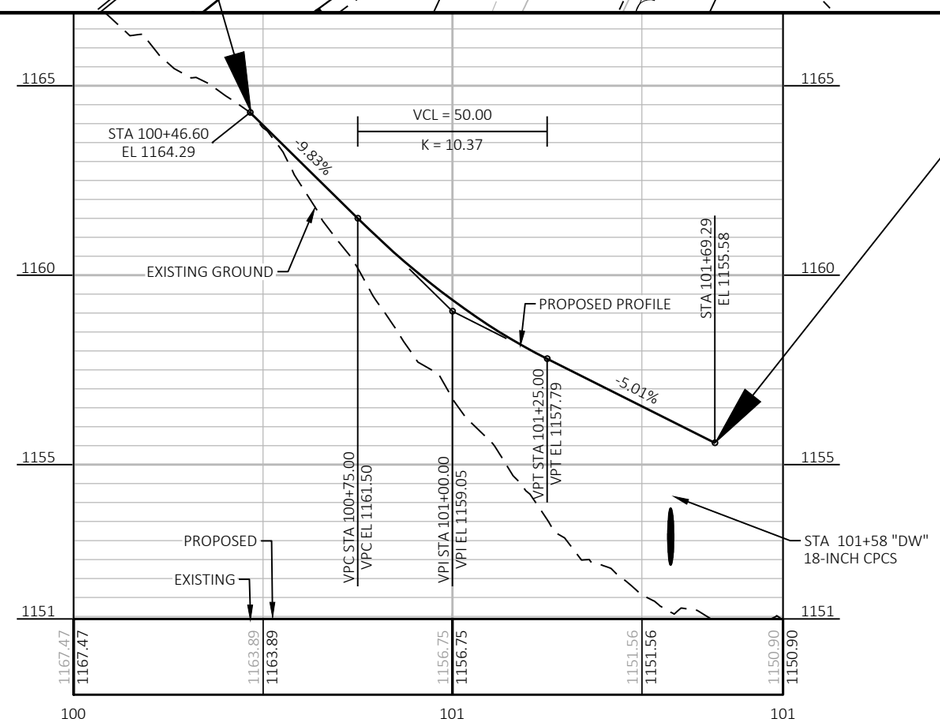
N

STA 101+58 "DW"
38 LF - CPCS 18-INCH
2 - APRON ENDWALLS FOR CPCS 18-INCH

ALLIANT ENERGY
EXISTING R/W
SI
SIGN
TLE
SI
BP: 100+00.00 "DW"
TLE
PC: 100+72.14 "DW"
PT: 100+79.91 "DW"
PC: 101+34.90 "DW"
R/W
101 "DW"
PI: 101+61.80 "DW"
+75.32, 18.00' RT
318
+27.35, 18.00' RT
PI: 101+87.26 "DW"
320
SIGN
SI
STA 320+06.81
EXISTING R/W
BEGIN DRIVEWAY RECONSTRUCT
STA 100+47 "DW"
MATCH INTO EXISTING
STH 130
R/W
SI
END DRIVEWAY RECONSTRUCT
STA 101+69 "DW"

5

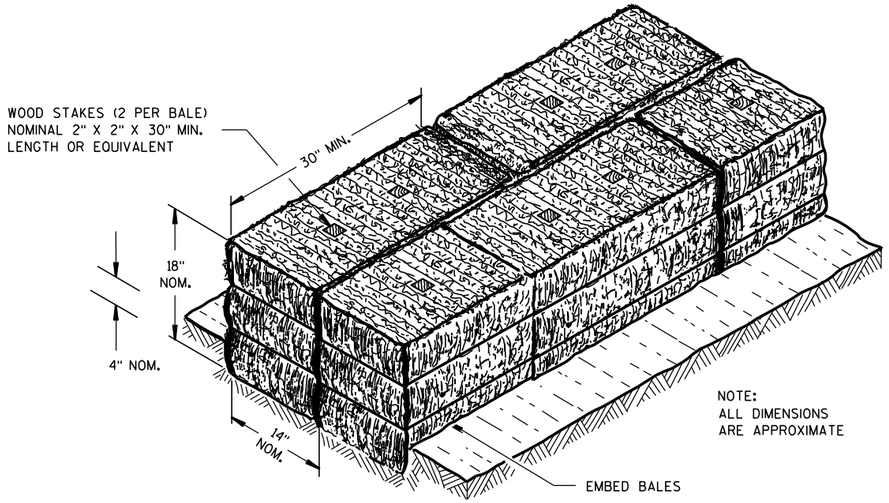
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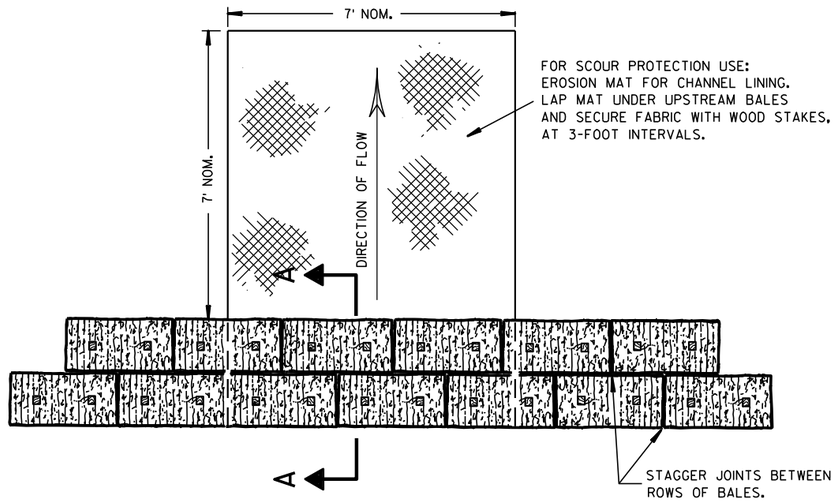
PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	PLAN AND PROFILE: STA 320+07 RT - DRIVEWAY	SHEET 42	E

Standard Detail Drawing List

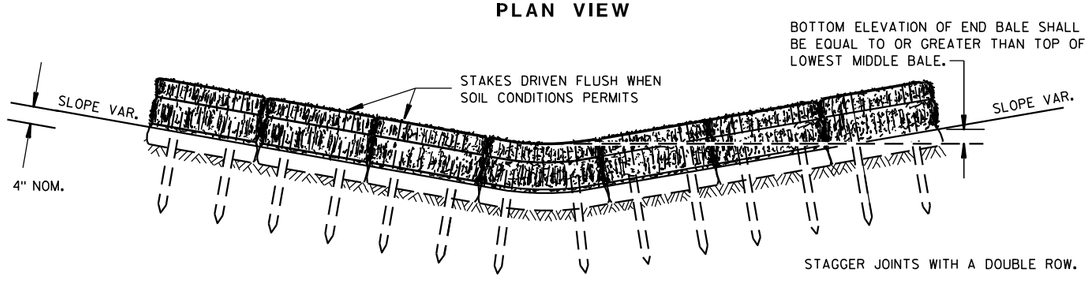
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
09A14-01	DRIVEWAYS WITHOUT CURB AND GUTTER
09A15-01	DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL
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
14B29-01	SAFETY EDGE
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-10A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-10B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-10C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C11-11B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-11A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D12-17A	TRAFFIC CONTROL, LANE CLOSURE
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL



SECTION A-A



PLAN VIEW



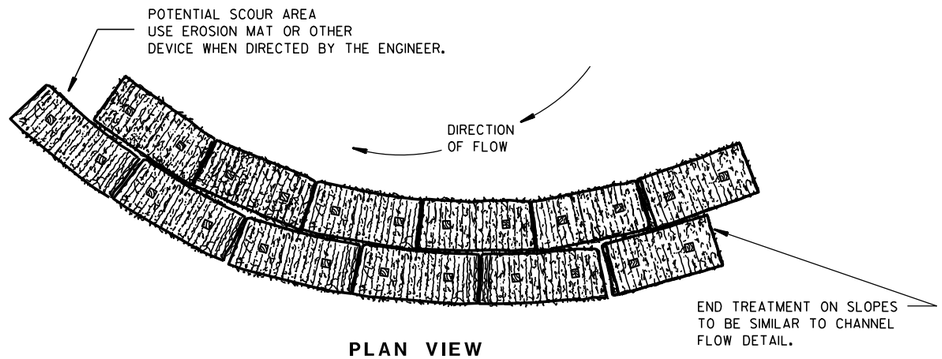
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

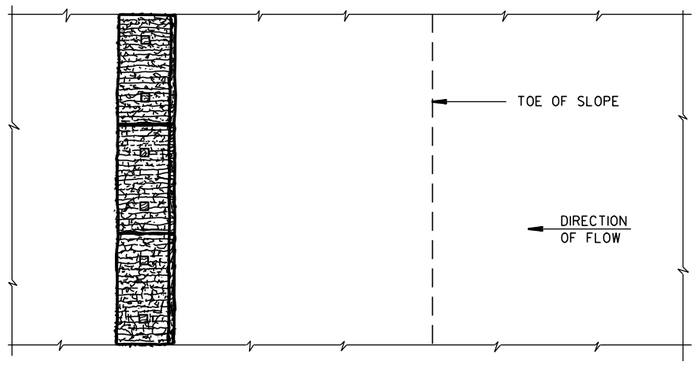
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

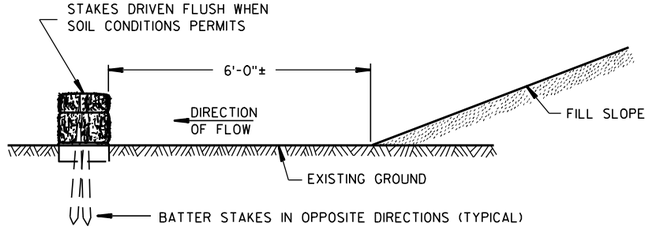


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

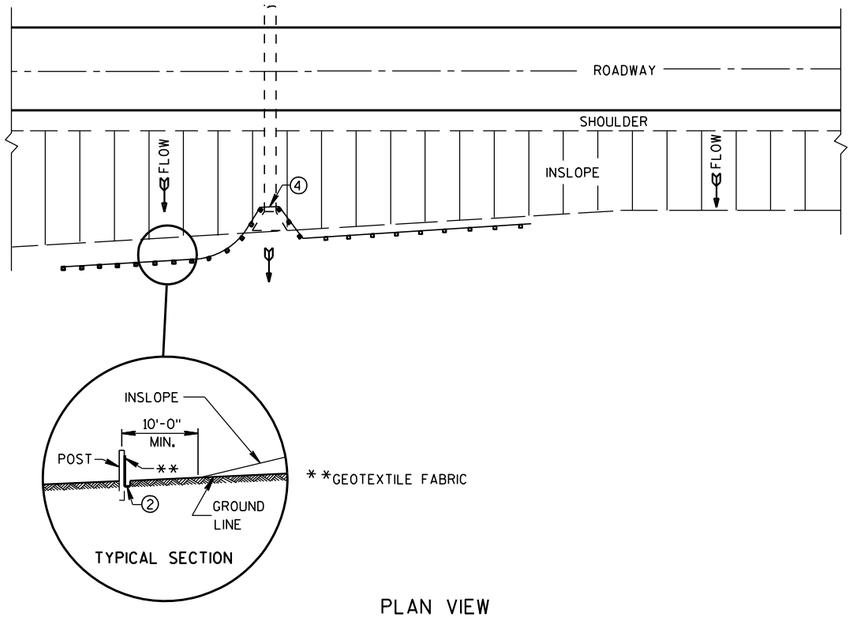
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 DATE — /S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

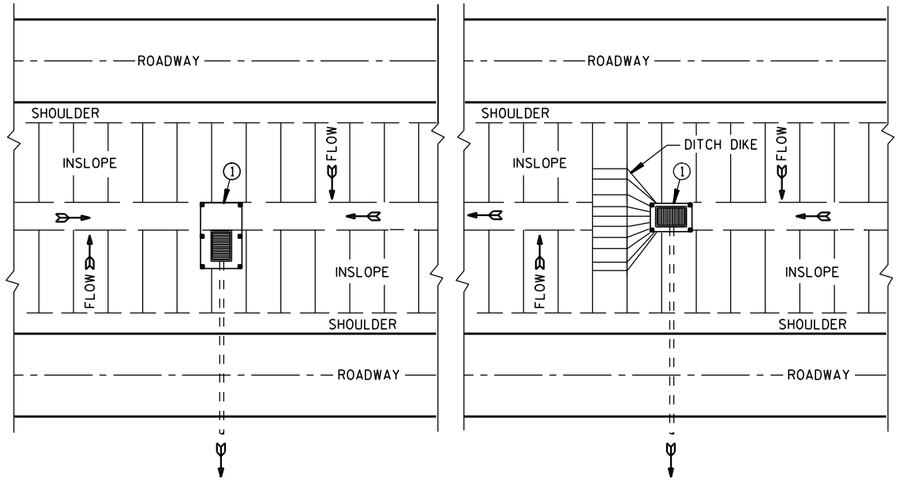
FHWA

6
S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



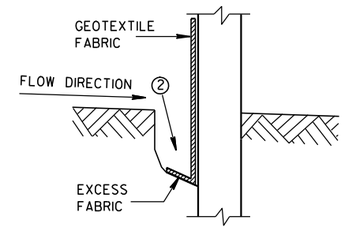
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

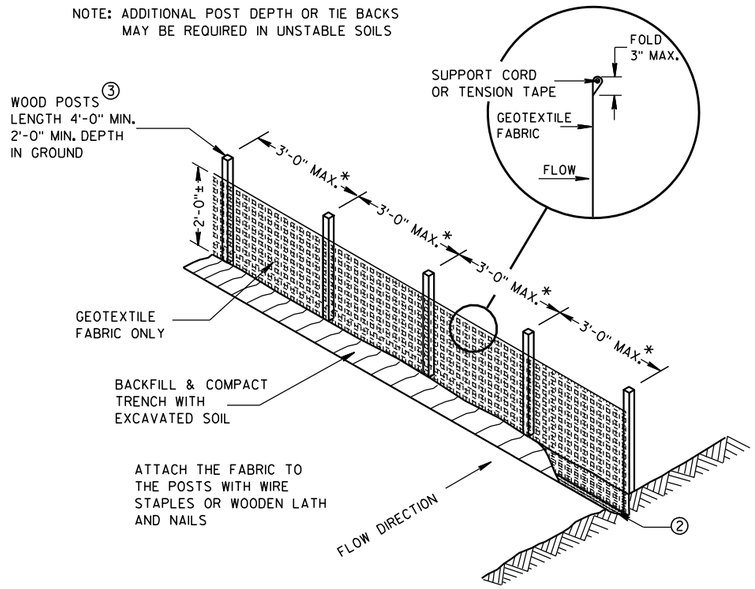
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

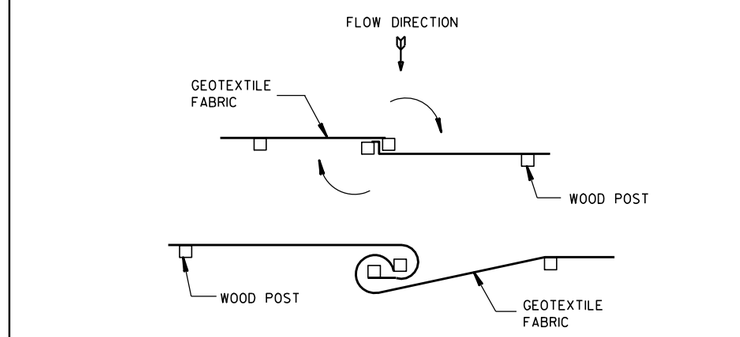


TRENCH DETAIL

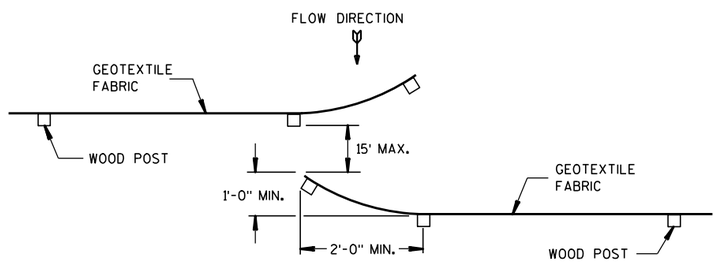


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

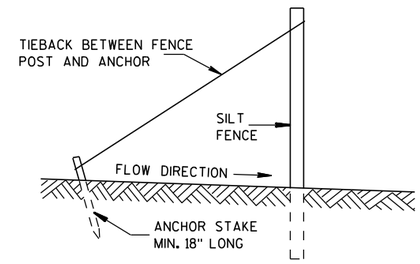


TWIST METHOD



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

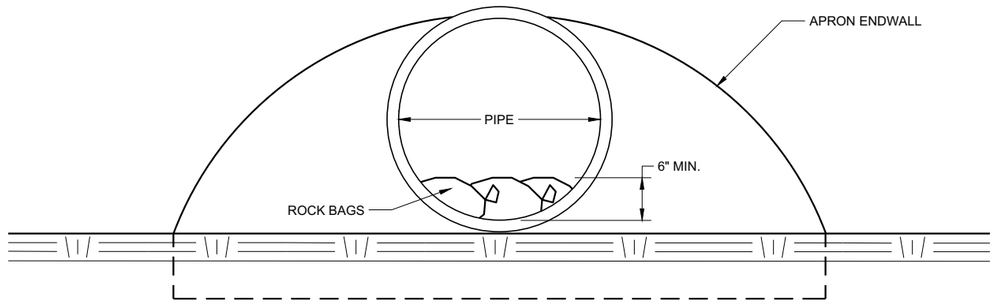
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

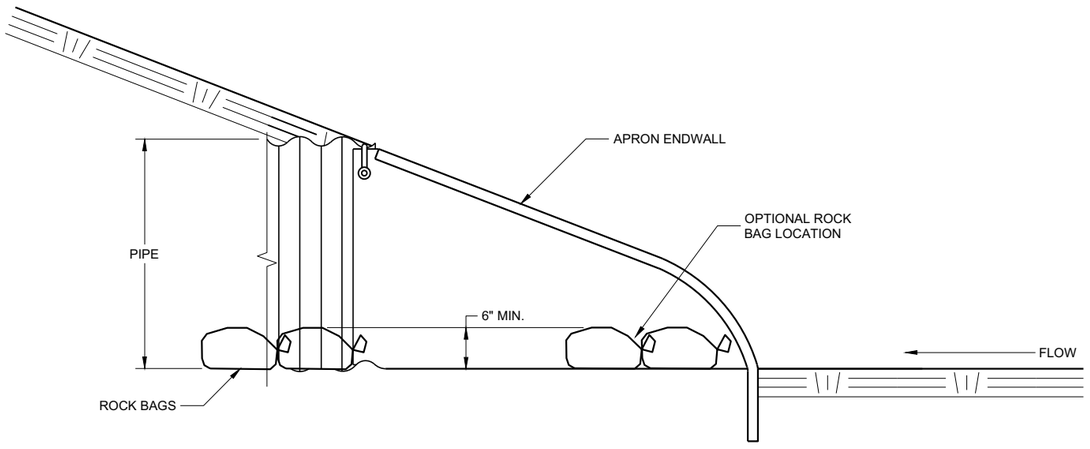
S.D.D. 8 E 9-6

6

S.D.D. 8 E 9-6



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

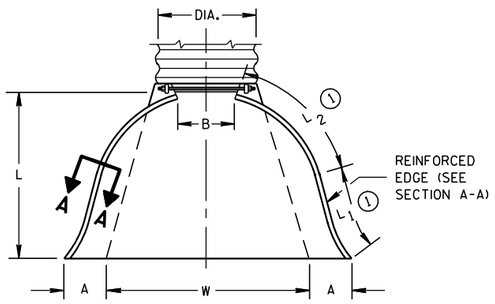
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	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

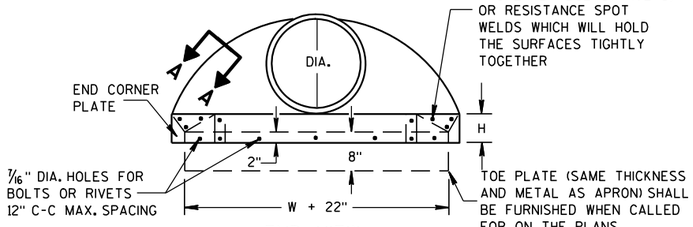
REINFORCED CONCRETE APRON ENDWALLS

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

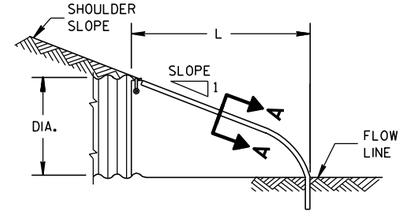
*MINIMUM
**MAXIMUM



PLAN VIEW

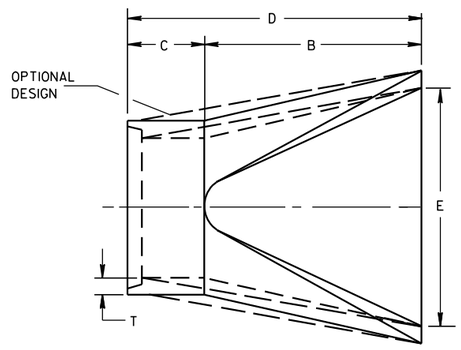


END VIEW

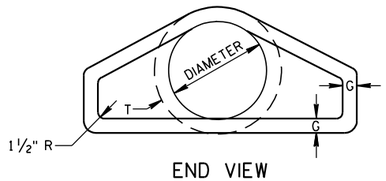


SIDE ELEVATION

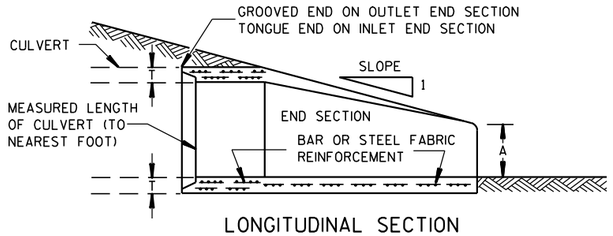
METAL ENDWALLS



PLAN

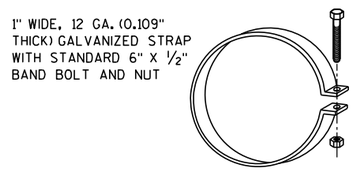


END VIEW



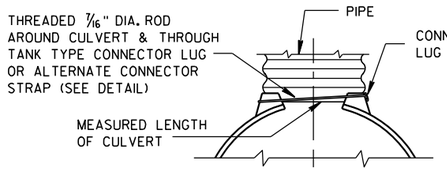
LONGITUDINAL SECTION

CONCRETE ENDWALLS

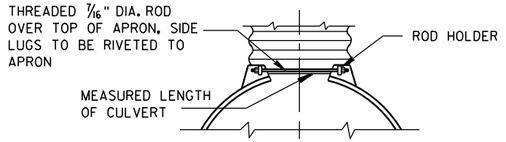


ALTERNATE FOR TYPE 1 CONNECTION

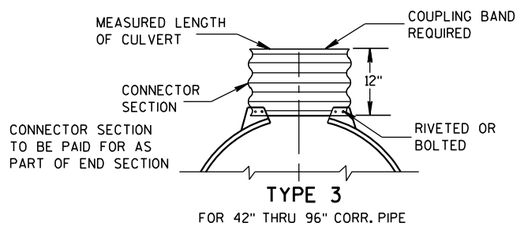
END SECTION CONNECTOR STRAP



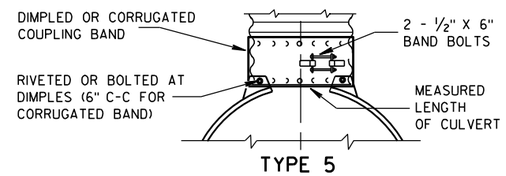
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

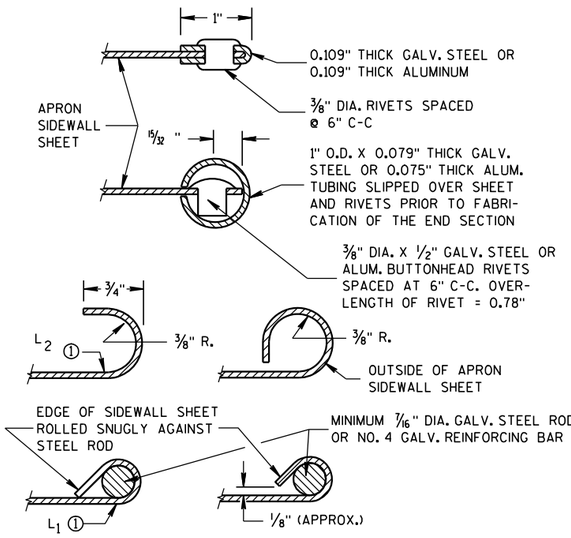
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

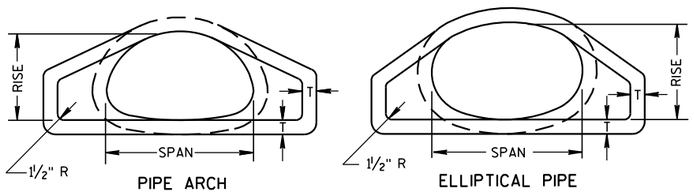
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

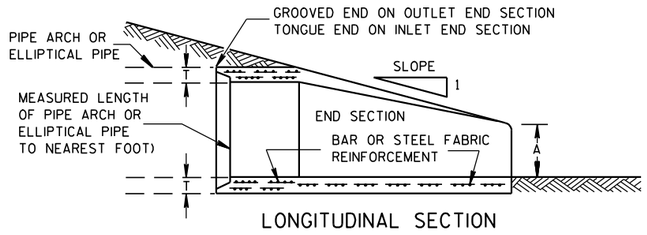
APPROVED
11/30/94 — DATE
/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

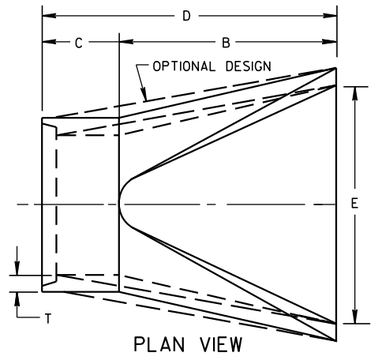
S.D.D. 8 F 1-11



END VIEW

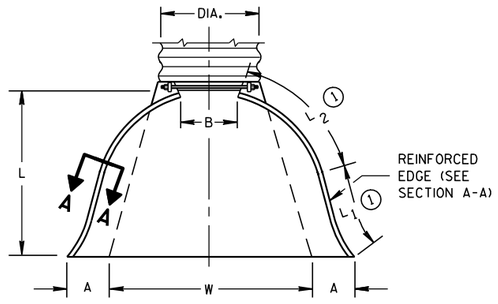


LONGITUDINAL SECTION

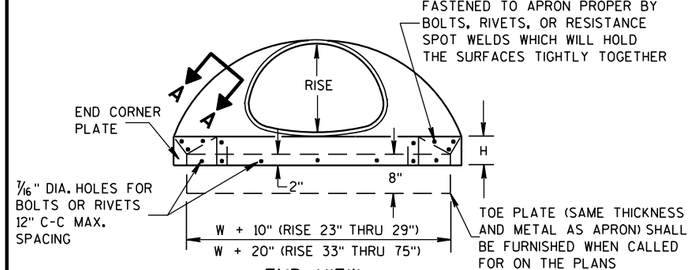


PLAN VIEW

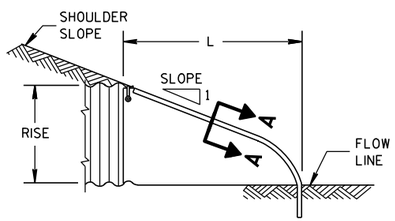
CONCRETE ENDWALLS



PLAN VIEW



END VIEW



SIDE ELEVATION

METAL ENDWALLS

SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	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
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	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
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

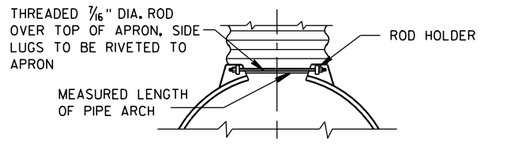
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

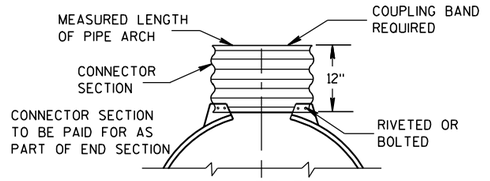
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



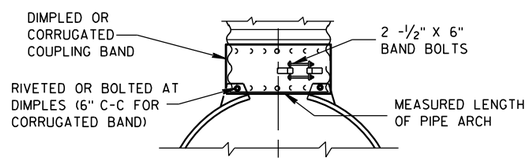
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

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 APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH 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 ARCH 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 77" X 52" THROUGH 112" X 75" 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 ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

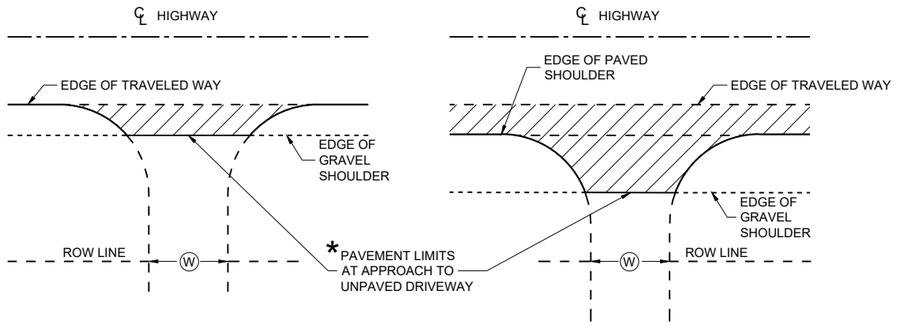
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

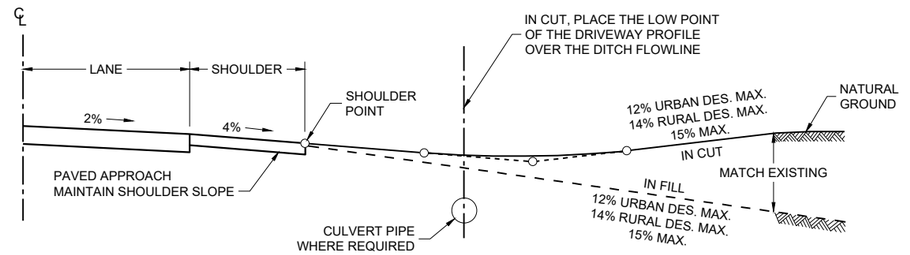


* WHERE DRIVEWAY IS PAVED, APPROACH PAVEMENT SHOULD BE EXTENDED TO MATCH DRIVEWAY PAVEMENT.

PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

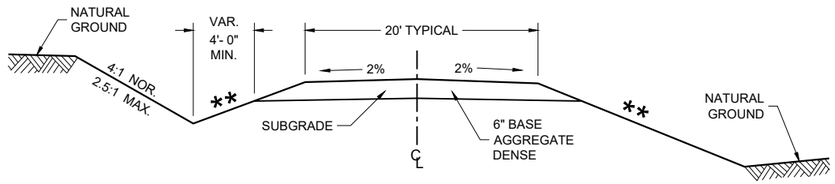
PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL (NO CURB AND GUTTER OR SIDEWALK)



TYPICAL DRIVEWAY PROFILES

Ⓦ : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.

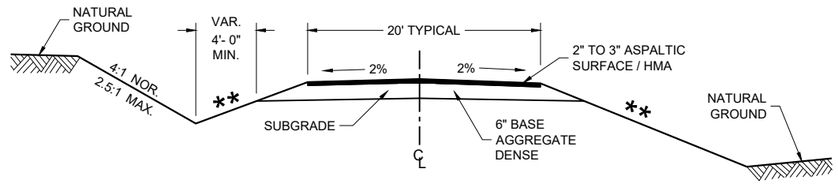


IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

** SLOPE CAN VARY WITH SPEED. SEE 11-45-30.6.2

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥ 35 TO < 60	6:1
≥60	10:1



IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

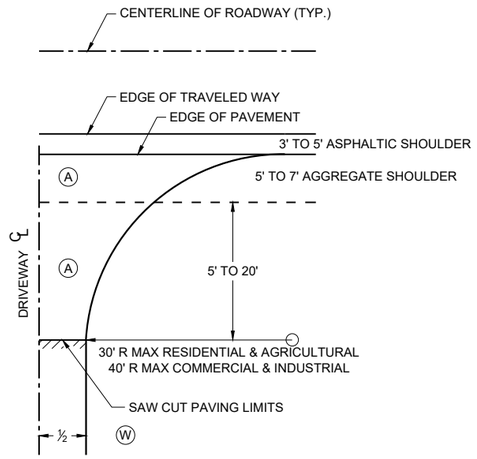
DRIVEWAYS WITHOUT CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

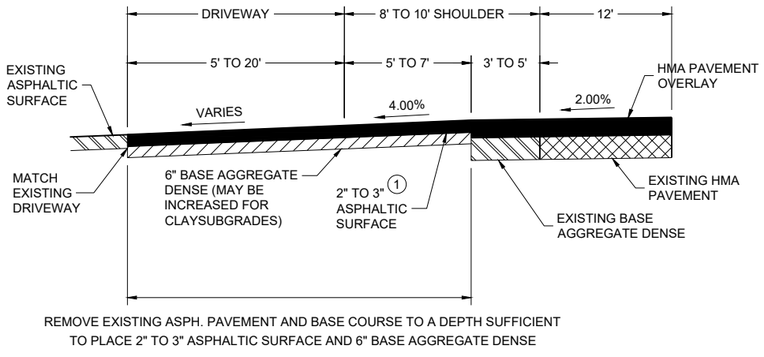
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



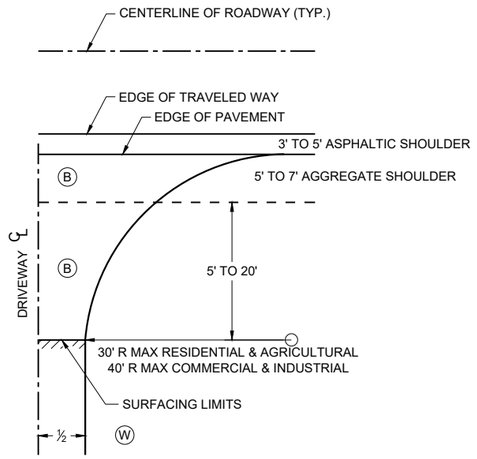
PROFILE VIEW

RURAL ENTRANCE WITH ASPHALTIC SURFACE RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

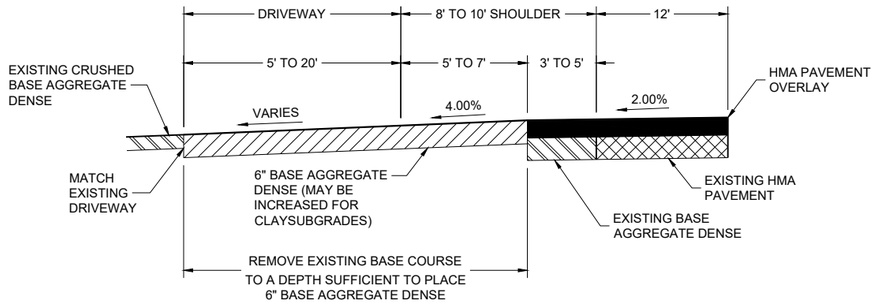
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 1/4" (TON)

(W) : DRIVEWAY WIDTHS (MEASURED AT ROW LINE)
- ~ COMMERCIAL & INDUSTRIAL 16' MIN. - 35' MAX.
- ~ RESIDENTIAL & AGRICULTURAL (NONCOMMERCIAL) 16' MIN. - 24' MAX.



PLAN VIEW

HALF SECTION



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE 6" BASE AGGREGATE DENSE RESURFACING PROJECTS

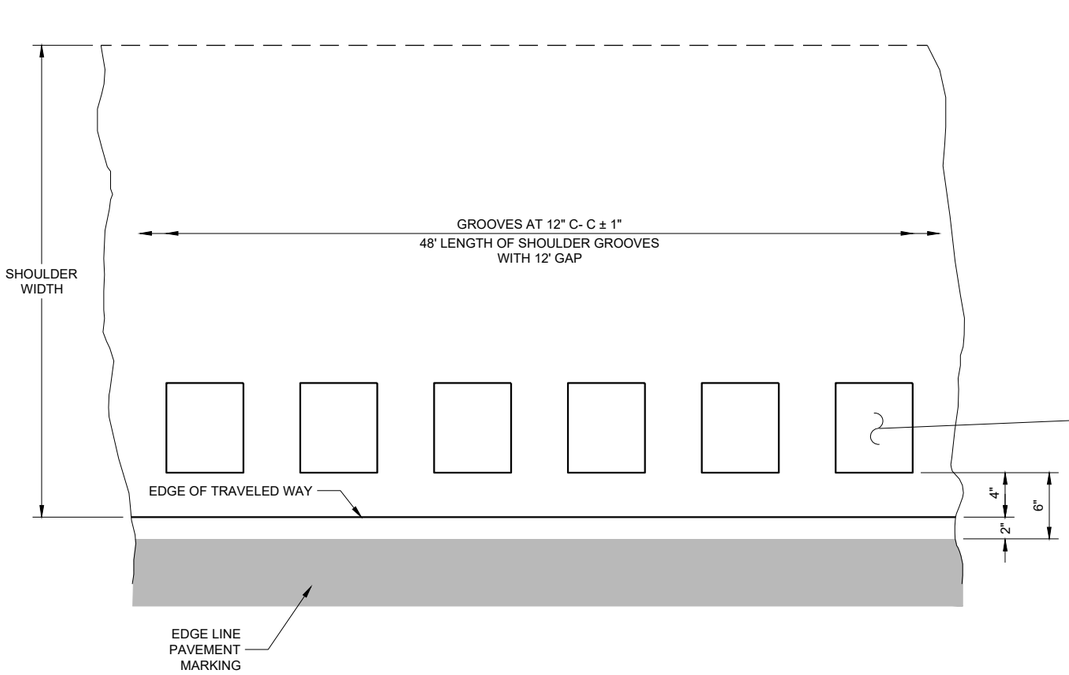
DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

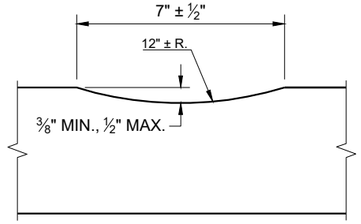
APPROVED
November 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

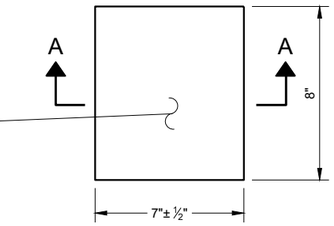
6
SDD 09A15-01



PLAN DETAIL VIEW
SHOULDER WITH GROOVES



SECTION A - A

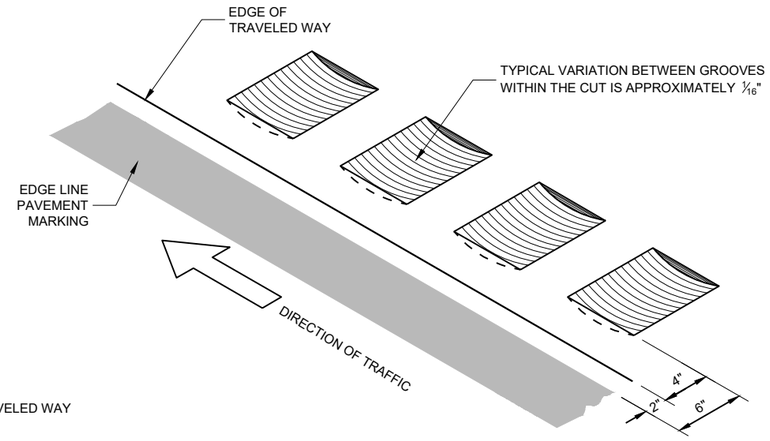


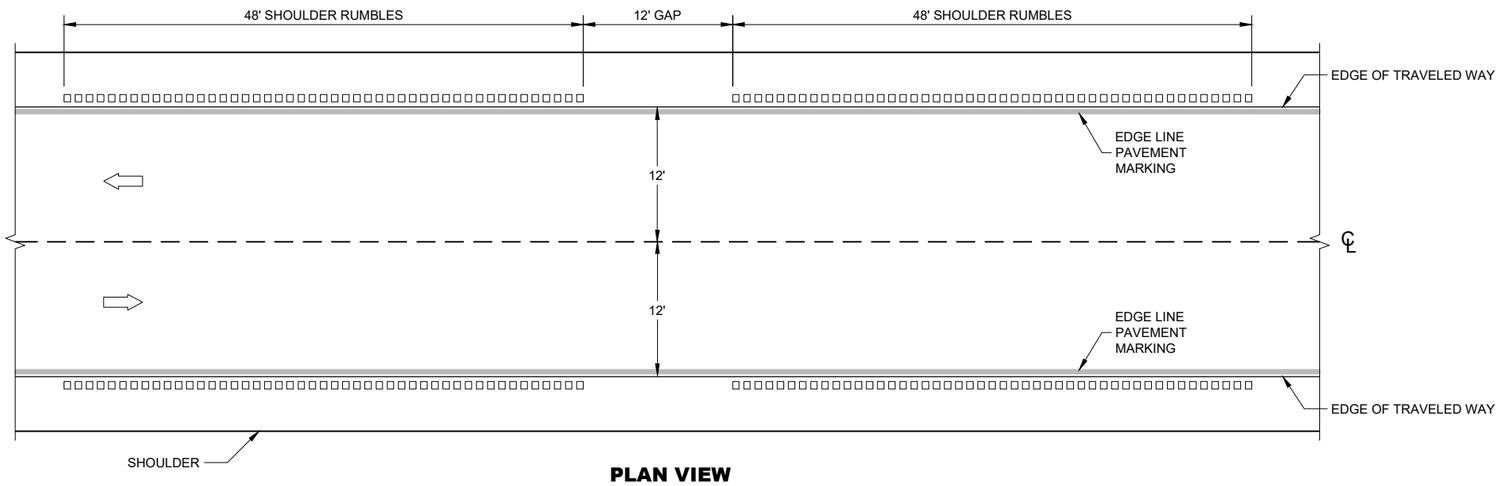
PLAN VIEW
(SINGLE GROOVE)

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

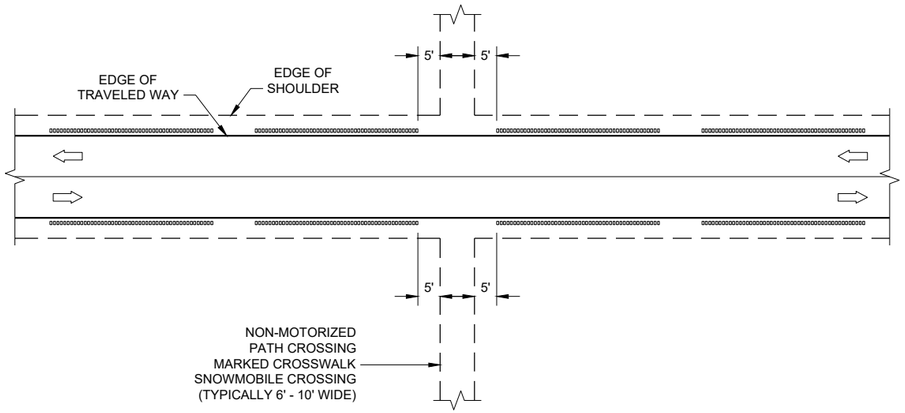
SHOULDER RUMBLE STRIPS - ASPHALT

SHOULDER RUMBLE STRIPS ASPHALT

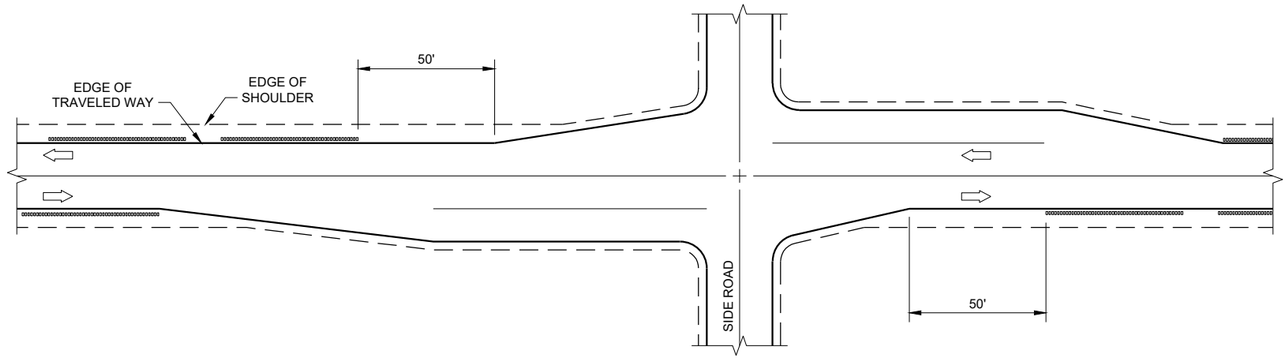
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

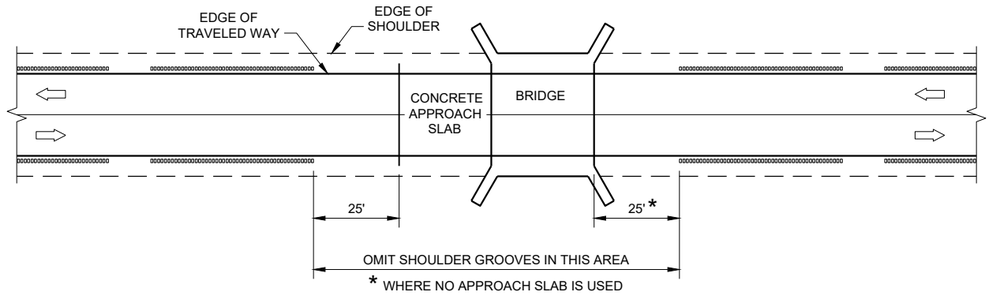
SDD 13A10 - 03a



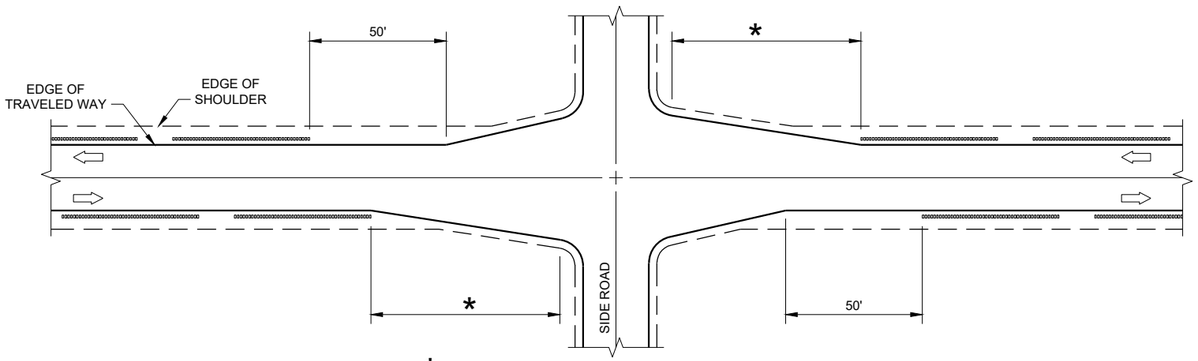
GROOVES AT MISCELLANEOUS CROSSINGS



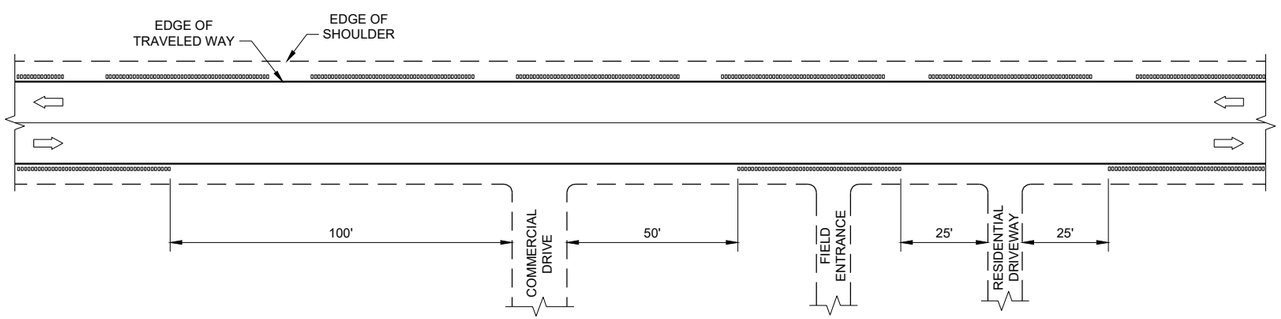
GROOVES AT RIGHT TURN LANE



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

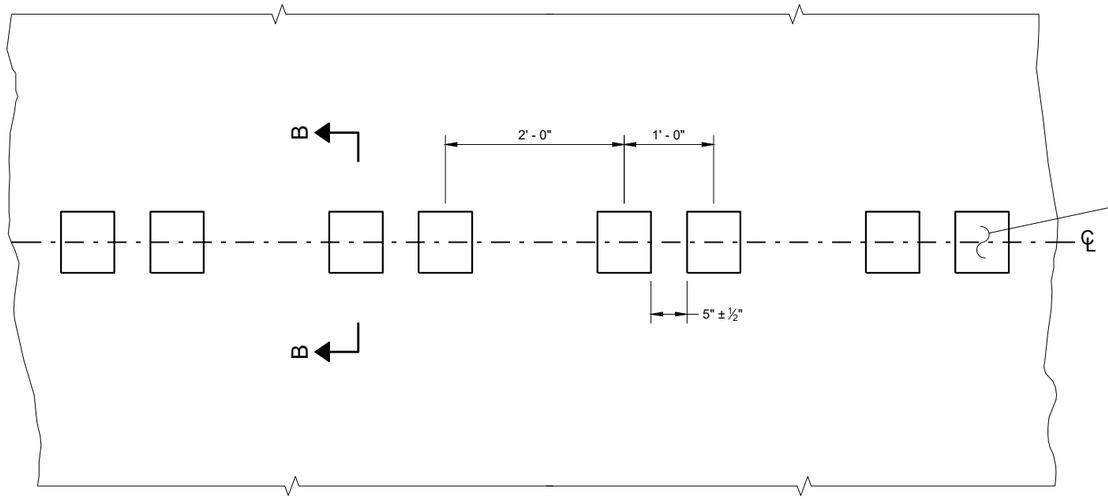
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SDD 13A10 - 03g

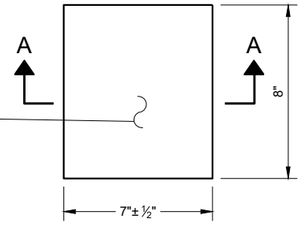
GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A11 SHEETS "d" AND "e".

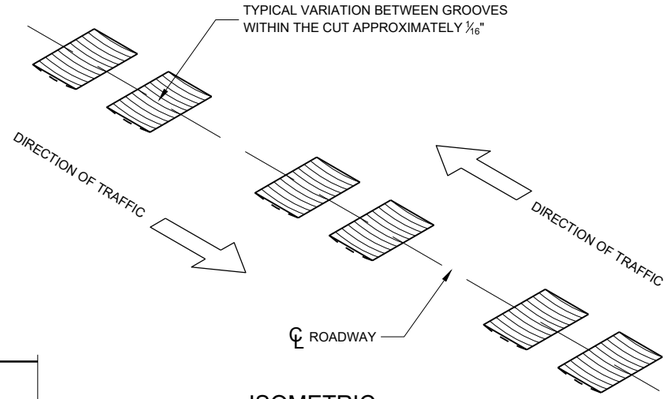
CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



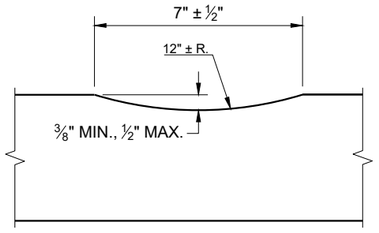
PLAN DETAIL VIEW



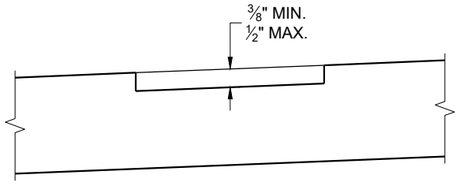
PLAN VIEW
(SINGLE GROOVE)



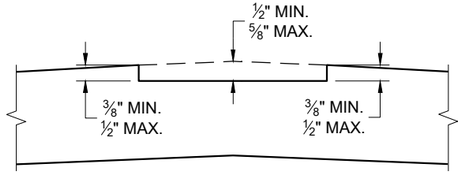
ISOMETRIC



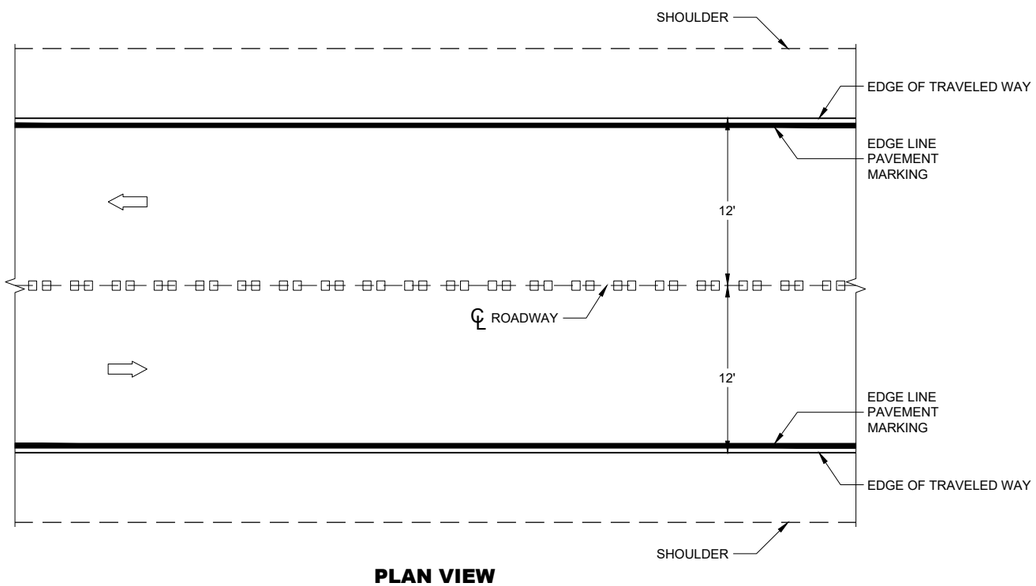
SECTION A - A



SECTION B - B
SUPERELEVATED ROADWAY



SECTION B - B
CROWNED ROADWAY



PLAN VIEW

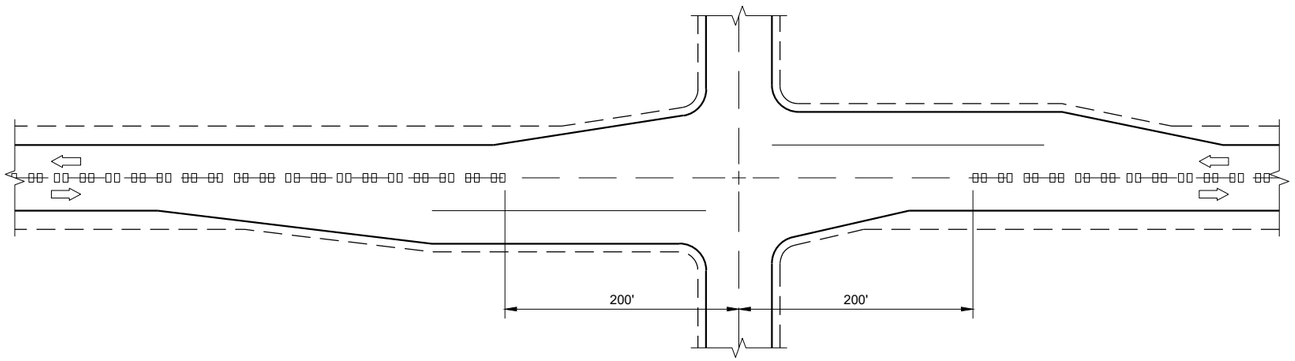
CENTERLINE RUMBLE STRIPS - ASPHALT

CENTERLINE RUMBLE STRIPS - ASPHALT

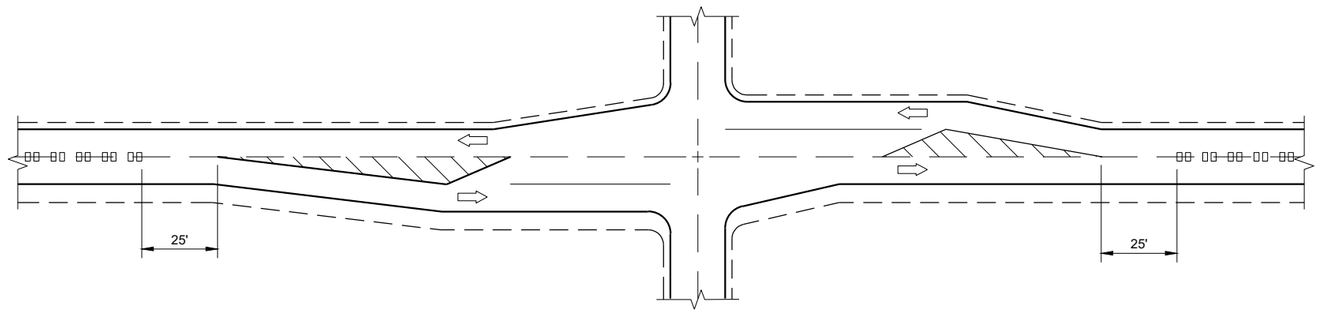
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

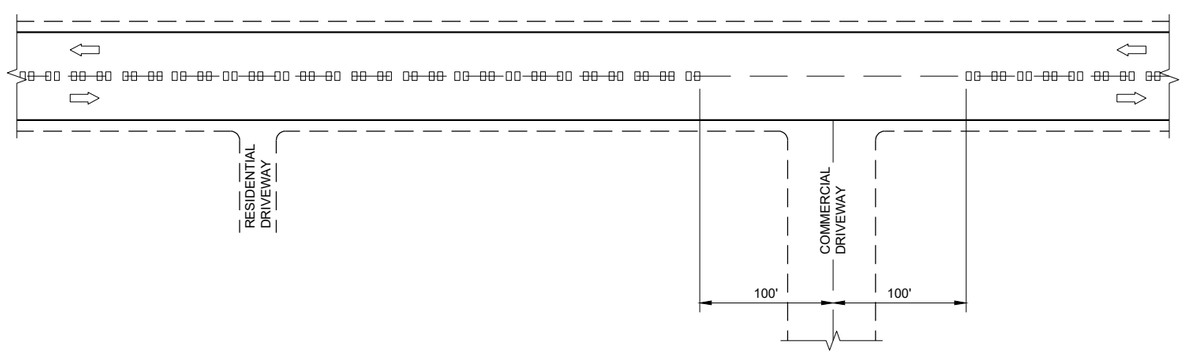
SDD 13A11 - 04a



CENTERLINE GROOVES AT INTERSECTIONS



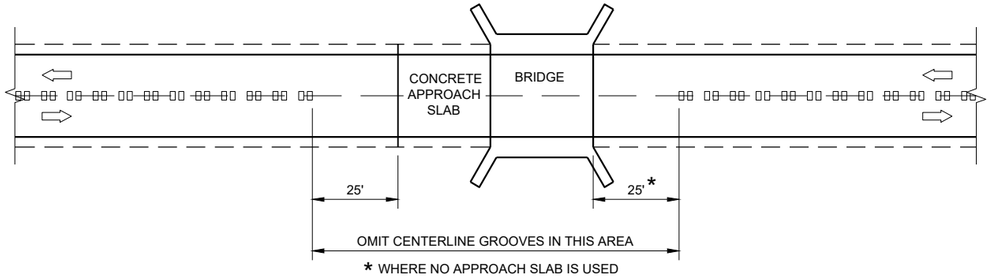
CENTERLINE GROOVES AT INTERSECTIONS (WITH LEFT TURN LANES)



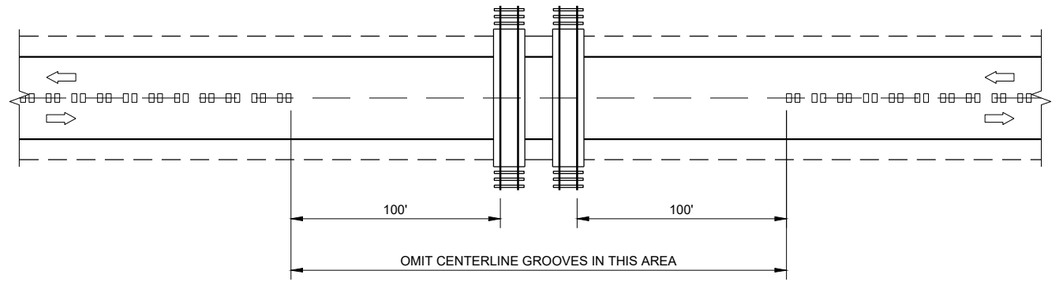
CENTERLINE GROOVES AT DRIVEWAYS (1)

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

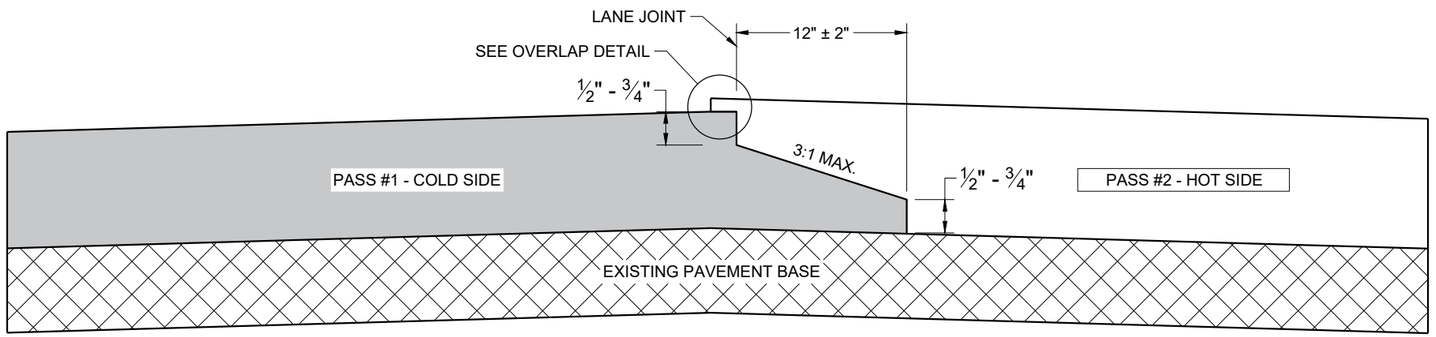
FHWA

6

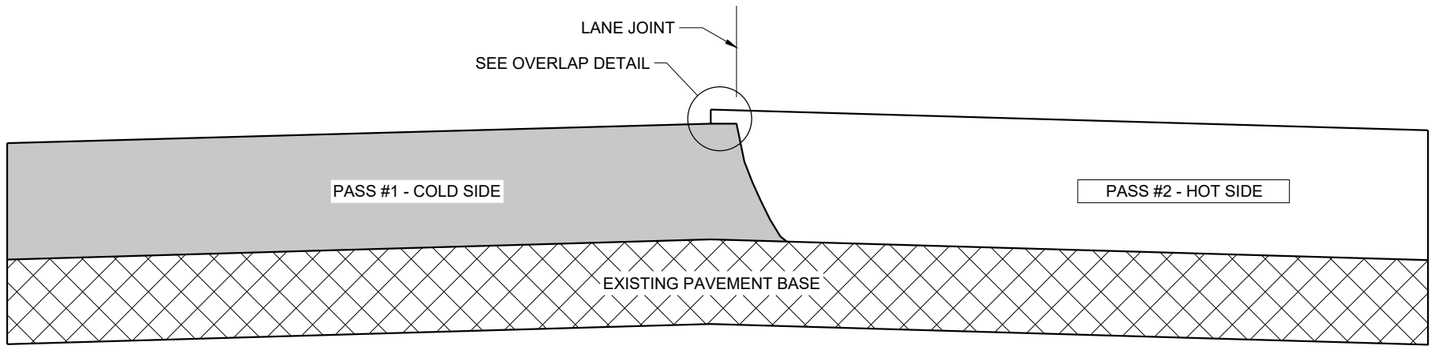
SDD 13A11 - 04d

6

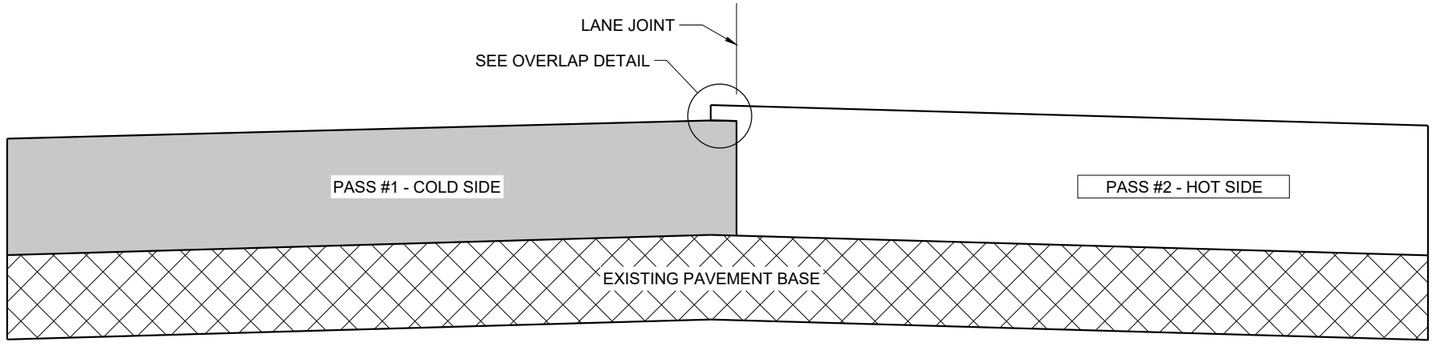
SDD 13A11 - 04d



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

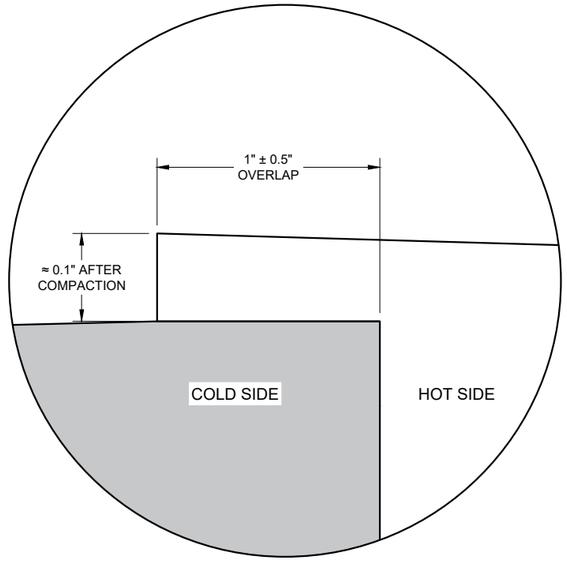
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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

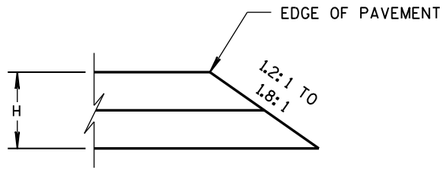
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

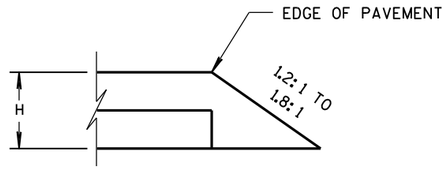
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



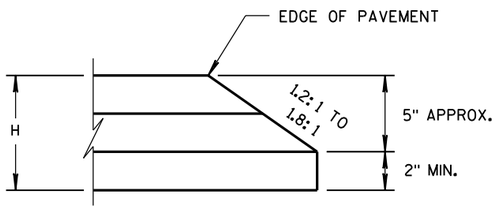
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



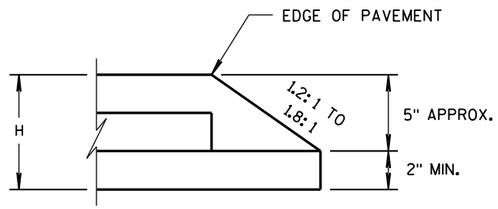
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

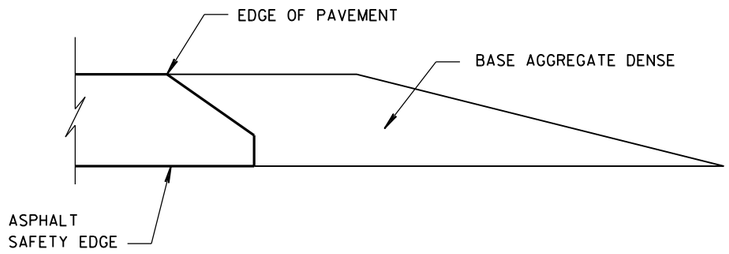
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

6

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

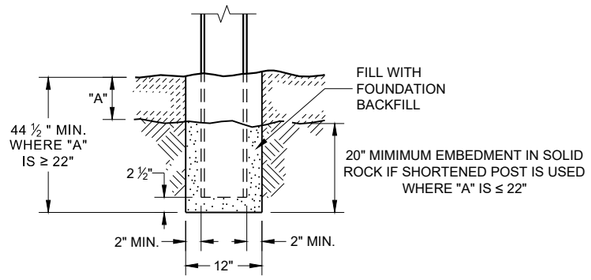
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

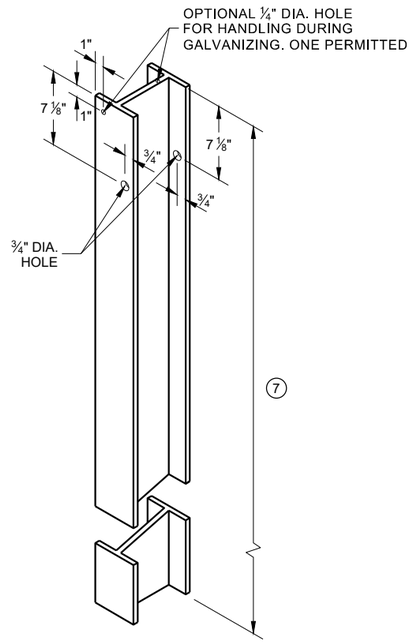
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

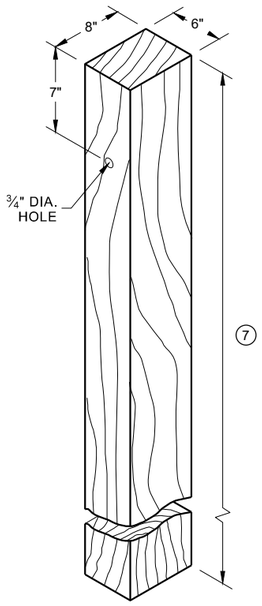
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



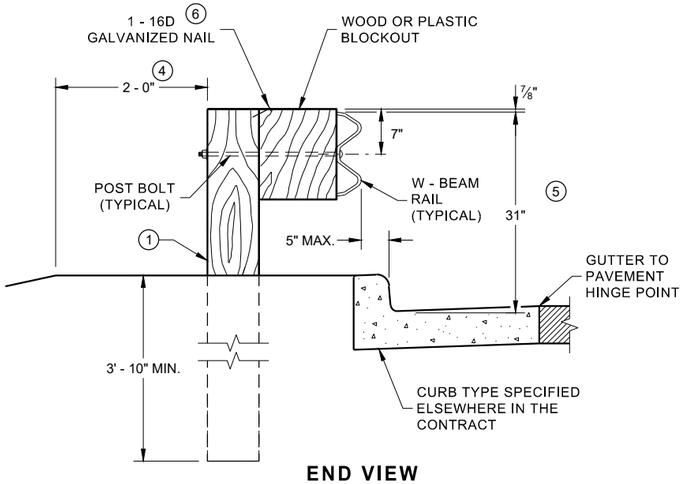
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



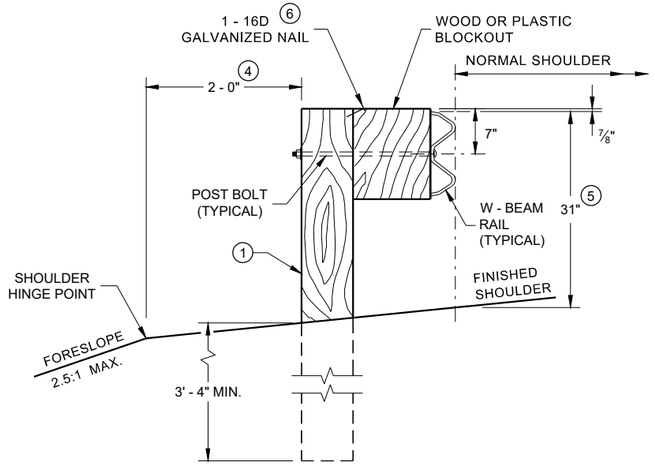
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



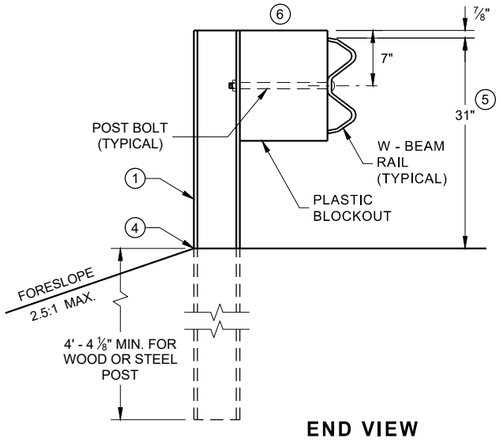
WOOD POST (6" X 8") NOMINAL (1)



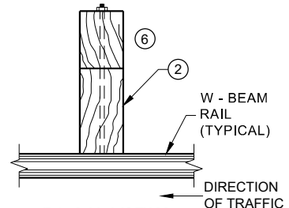
END VIEW
LOCATED ALONG A CURBED ROADWAY



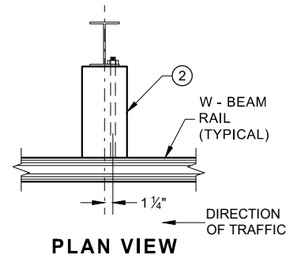
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



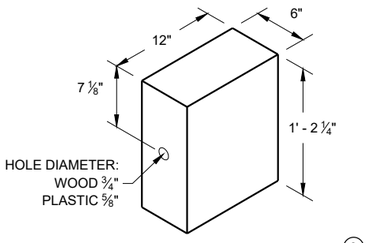
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM

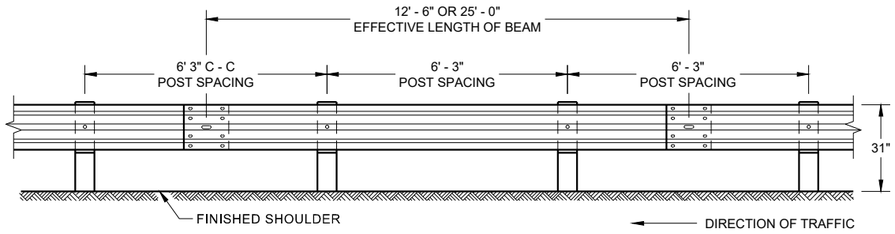


WOOD OR PLASTIC BLOCKOUT (2)

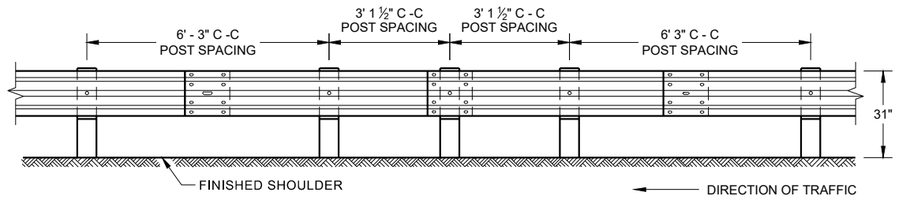
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

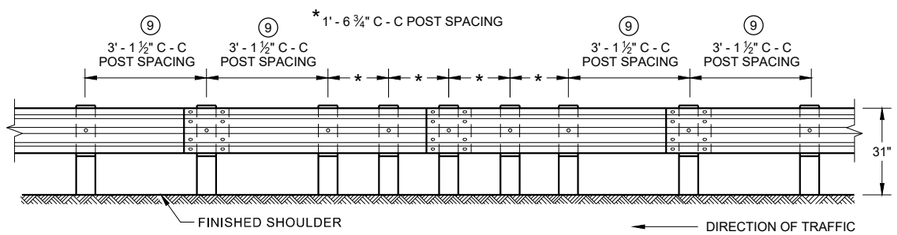
SDD 14B42 - 07a



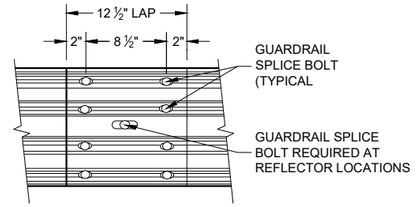
FRONT VIEW
POST SPACING STANDARD INSTALLATION



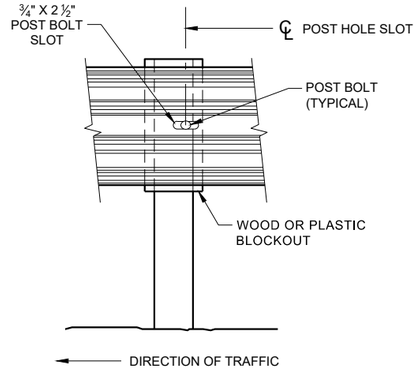
FRONT VIEW
HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)



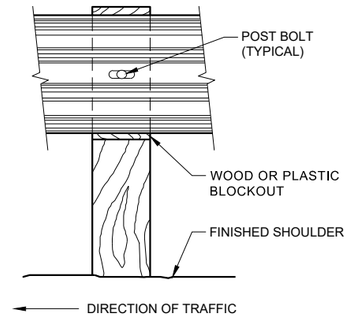
FRONT VIEW
QUARTER POST SPACING (QS)



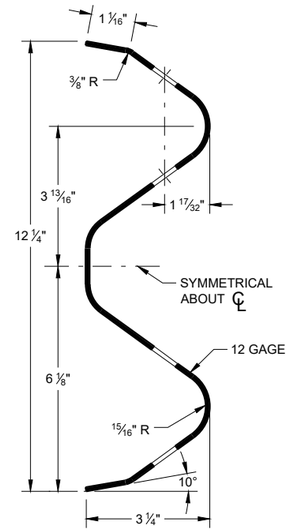
FRONT VIEW
MID-SPAN BEAM SPLICE



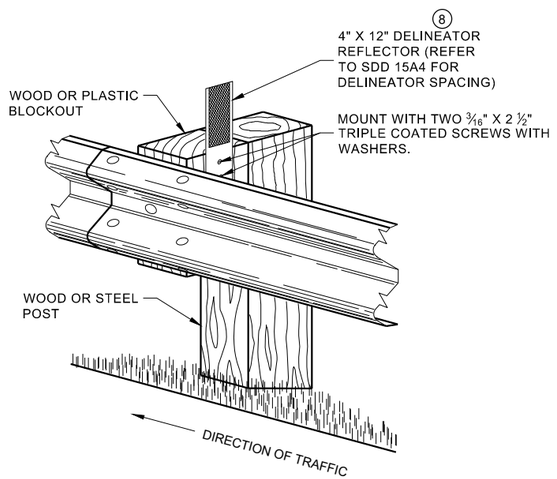
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION

GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

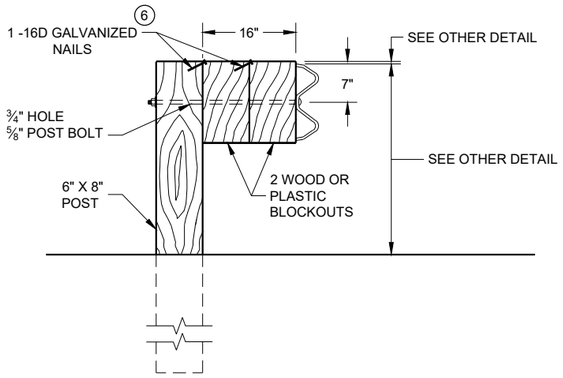
POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B42 - 07b

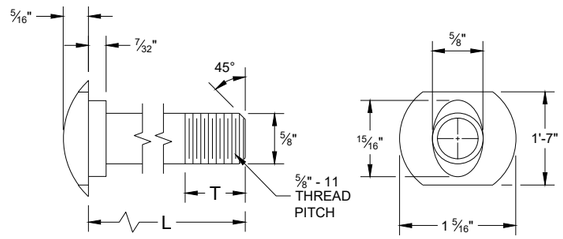


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

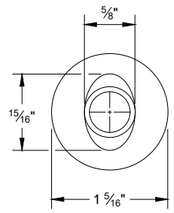
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

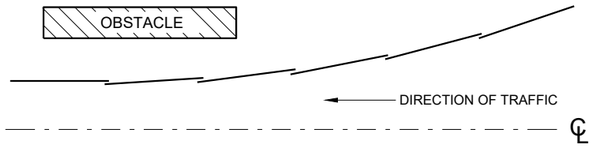


POST BOLT TABLE

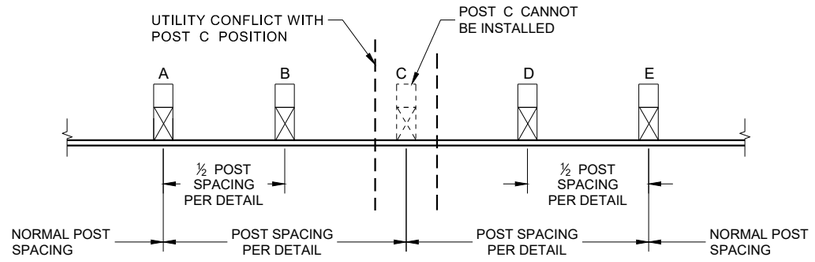
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



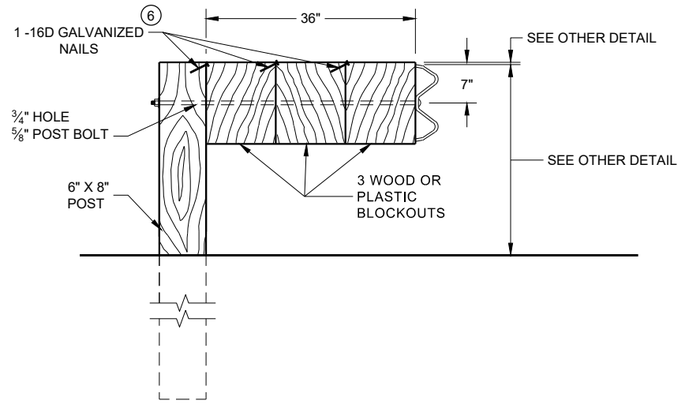
ALTERNATE BOLT HEAD



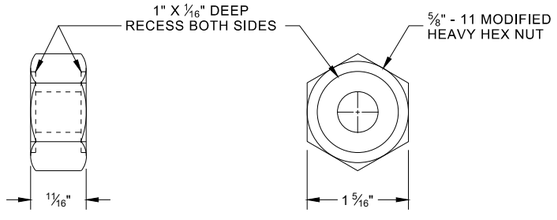
PLAN VIEW
BEAM LAPPING DETAIL



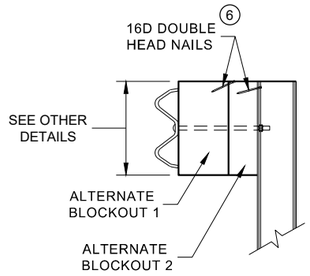
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



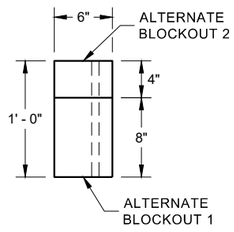
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

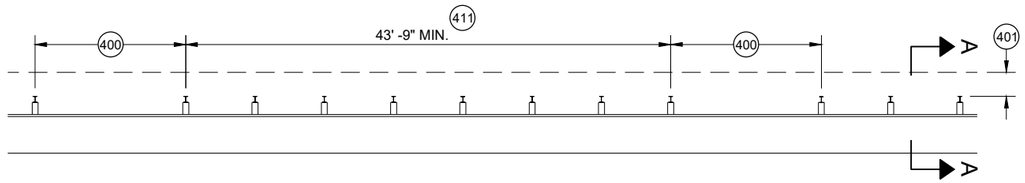
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

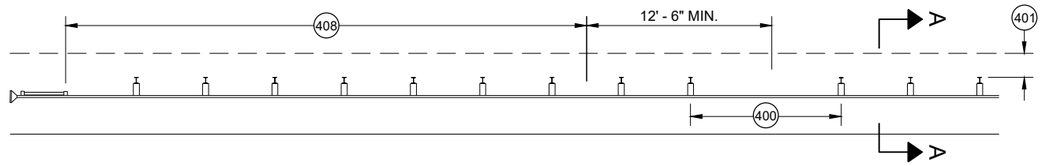
6

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

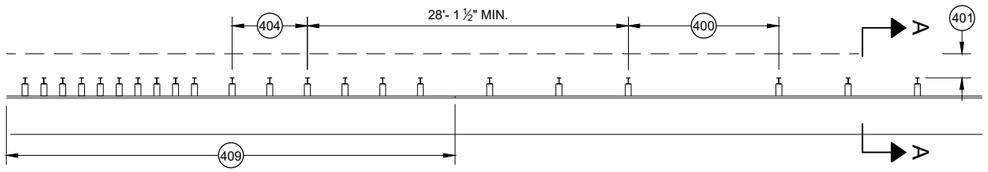
SDD 14B42 - 07c



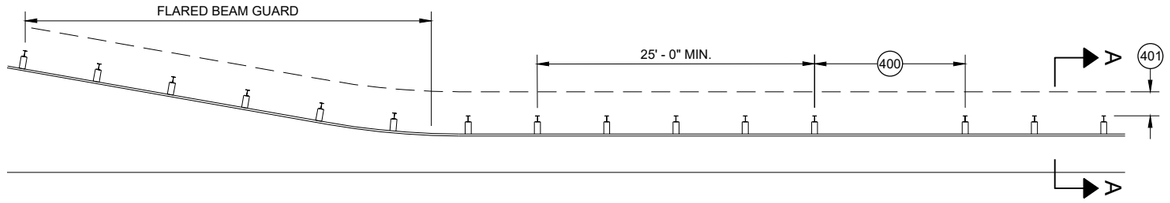
MISSING POST IN MGS GUARDRAIL



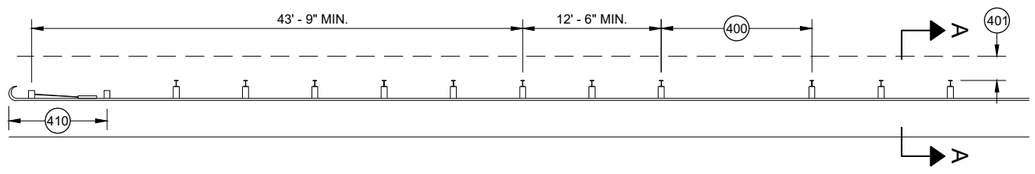
MISSING POST IN MGS GUARDRAIL NEAR EAT



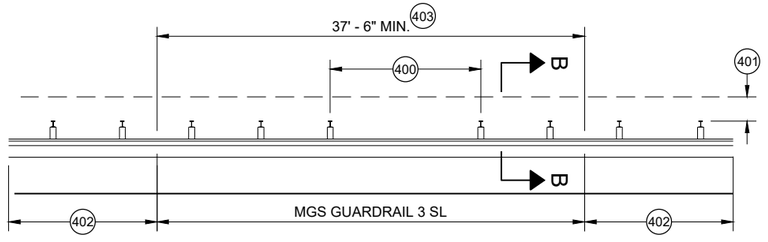
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

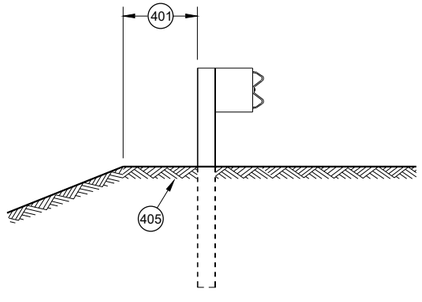


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

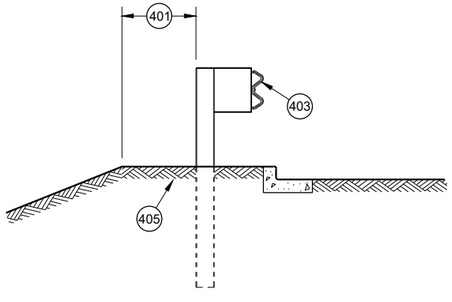


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

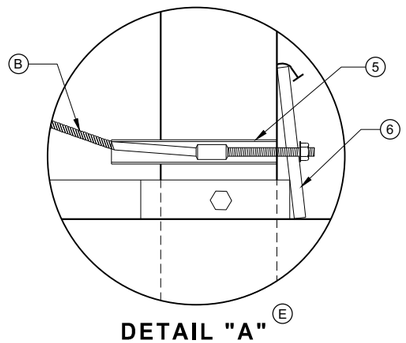
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

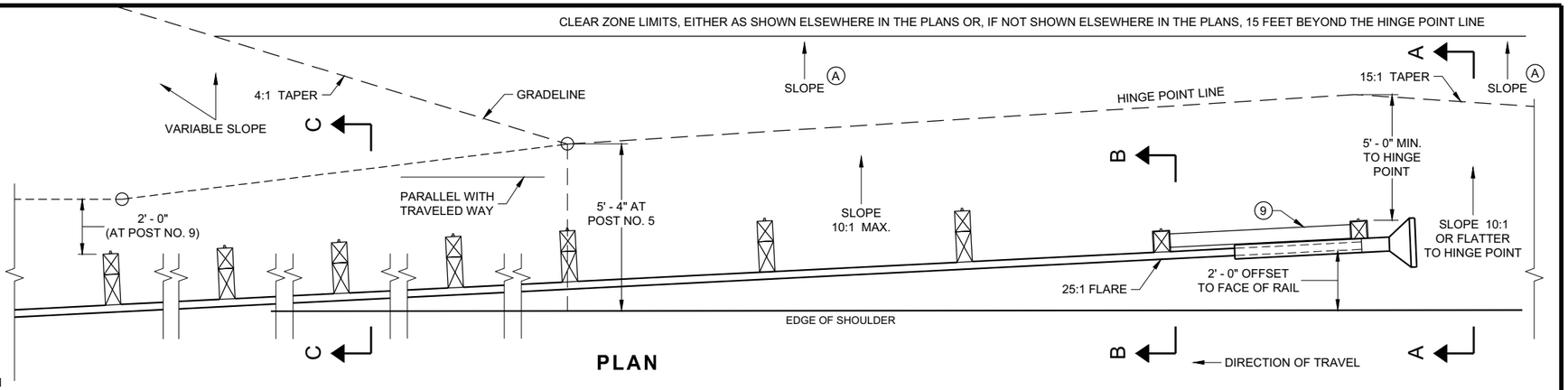
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

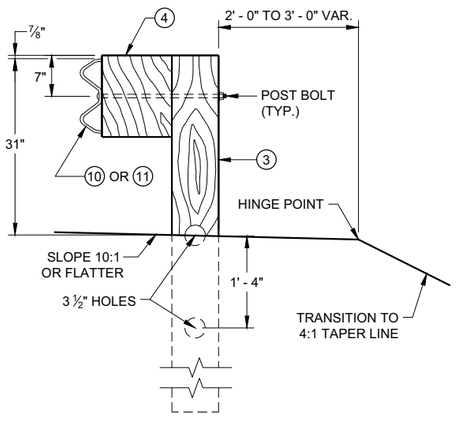
SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.

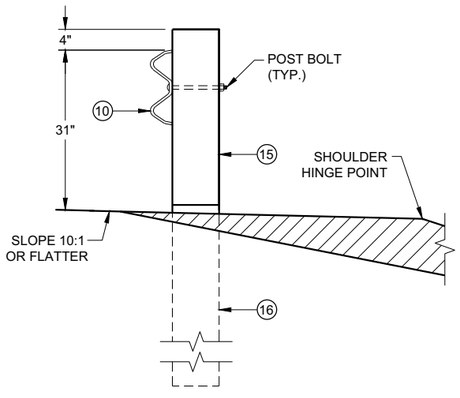


DETAIL "A" (E)

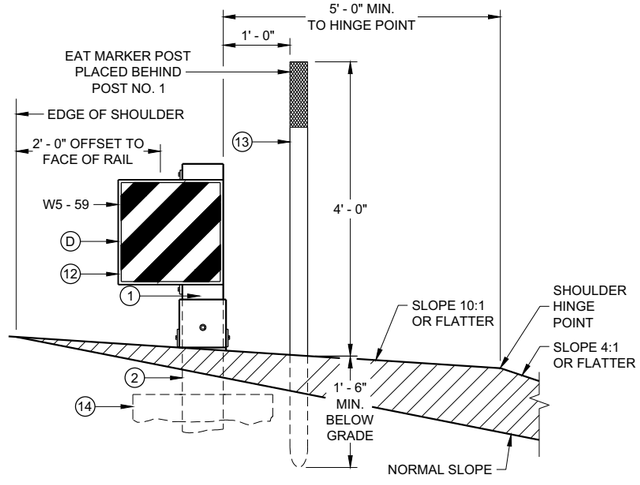




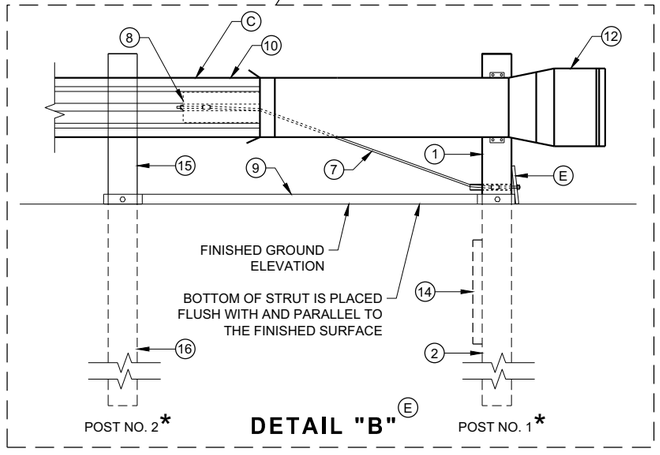
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



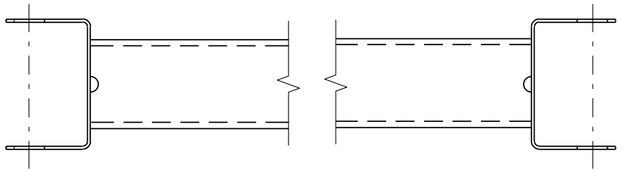
DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

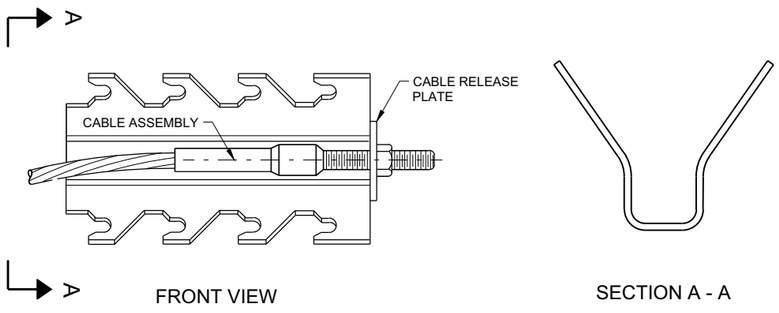
SDD 14B44 - 04a



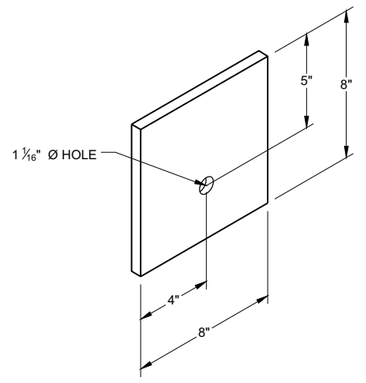
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑧ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

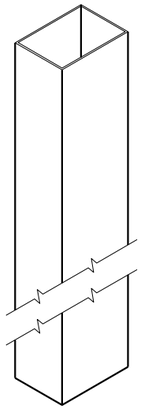
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SDD 14B44 - 04b

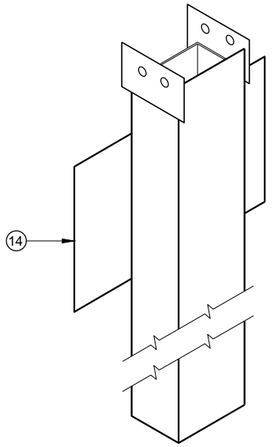
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

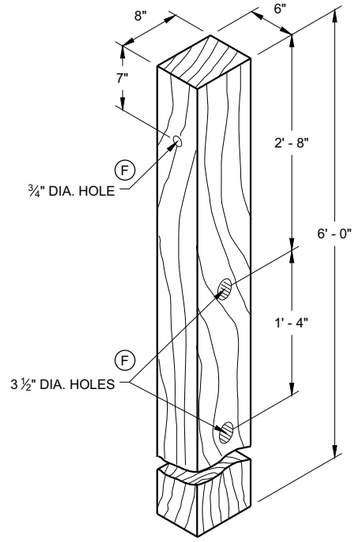
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



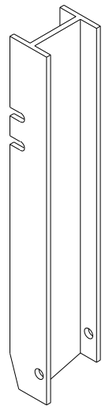
UPPER POST NO. 1 (1) (E)



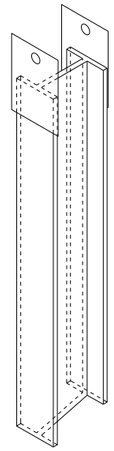
LOWER POST NO. 1 (2) (E)



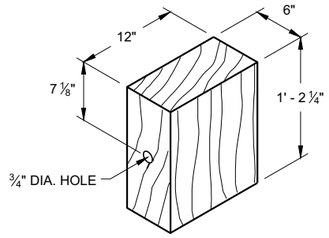
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



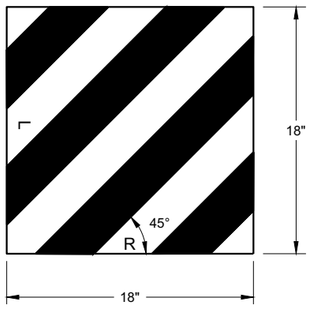
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

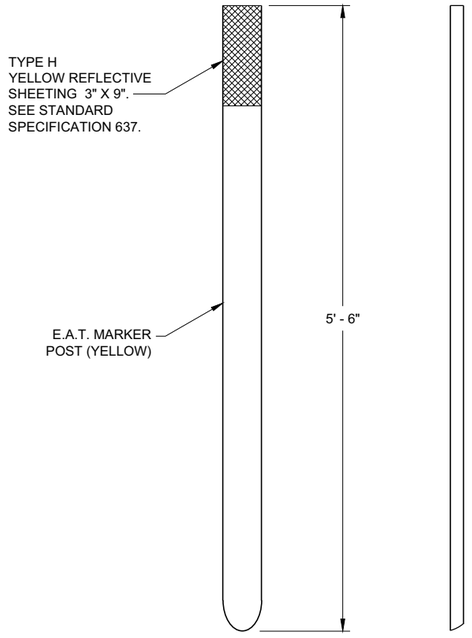


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



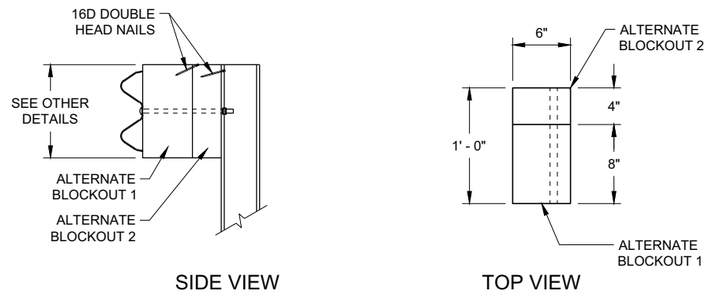
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

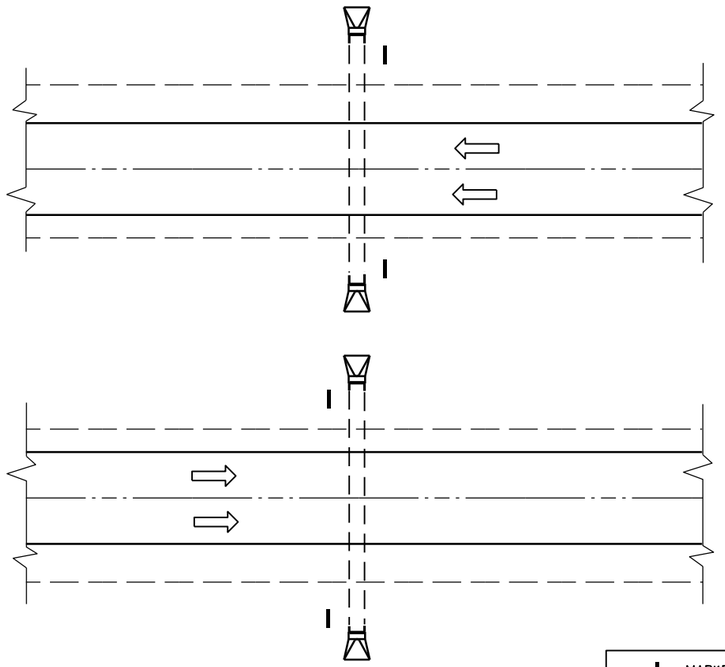
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

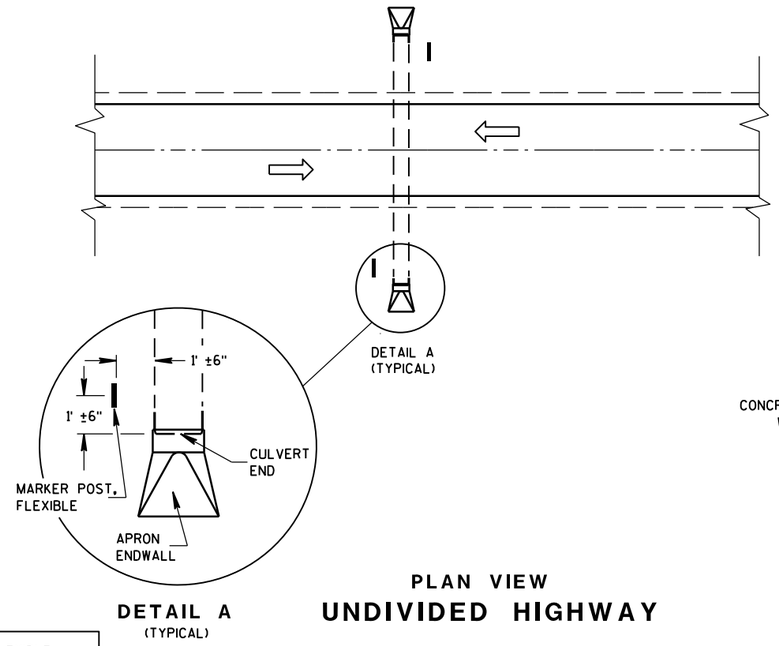
6

SDD 14B44 - 04c
SDD 14B44 - 04c



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

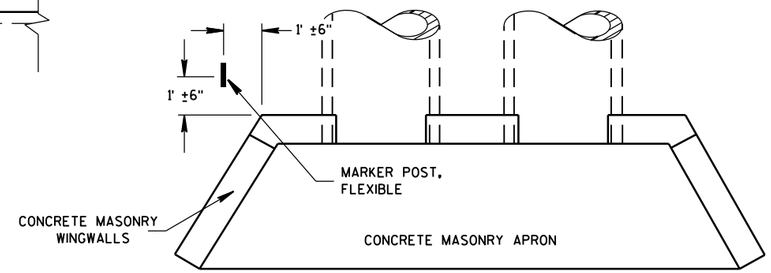
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

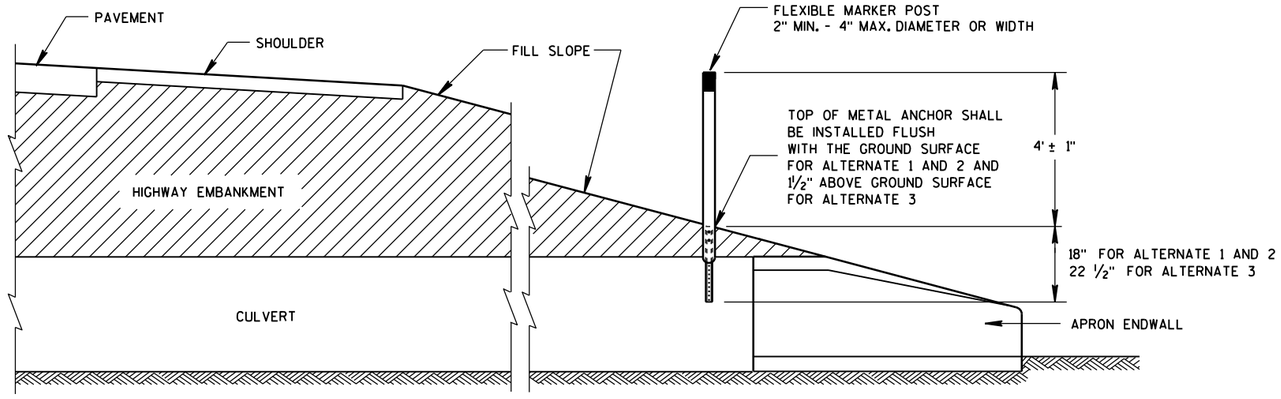
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

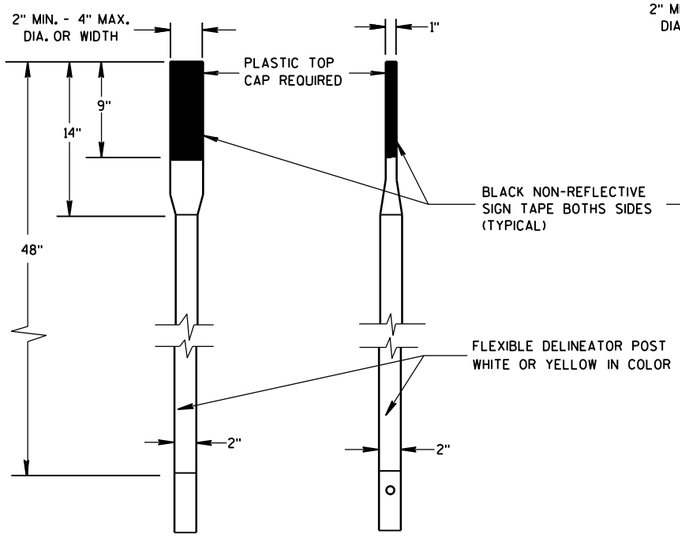
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

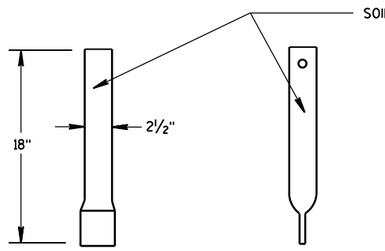
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S.D.D. 15 A 3-2a

6

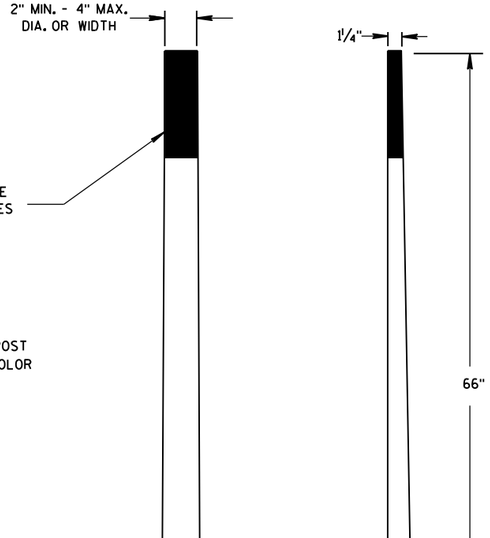
S.D.D. 15 A 3-2a





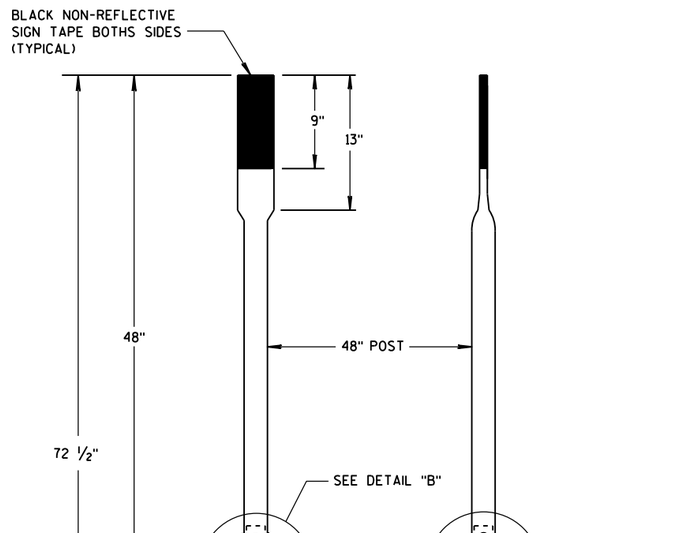
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

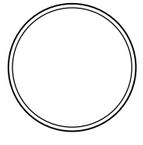
ALTERNATE 2



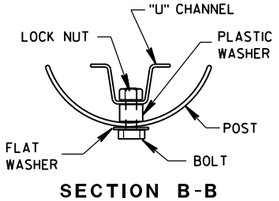
FRONT VIEW SIDE VIEW

ALTERNATE 3

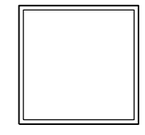
FLEXIBLE MARKER POSTS



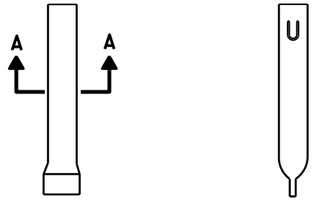
SECTION A-A



SECTION B-B

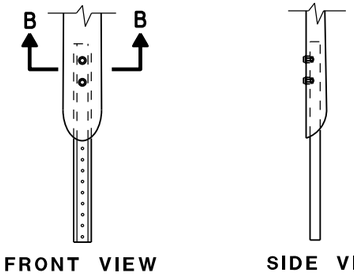


SECTION C-C



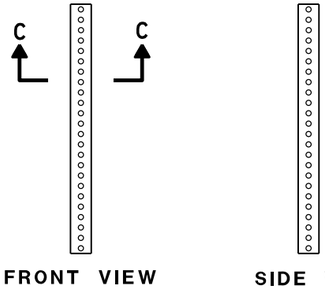
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

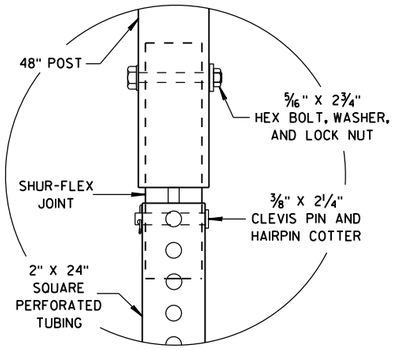
ALTERNATE 2



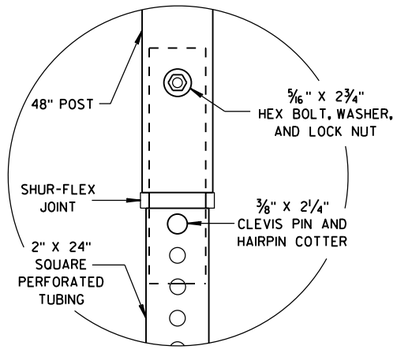
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

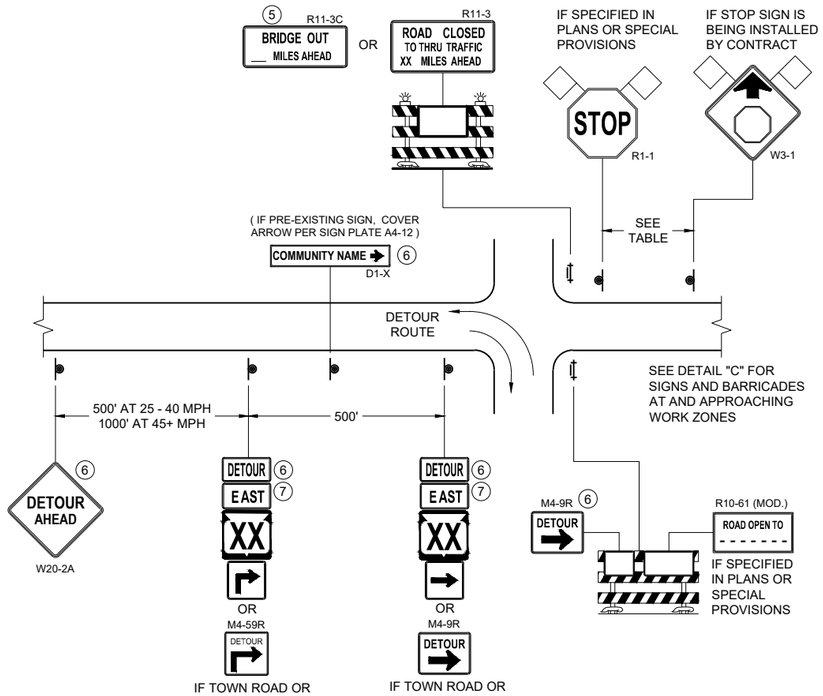
APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 A 3-2b

6

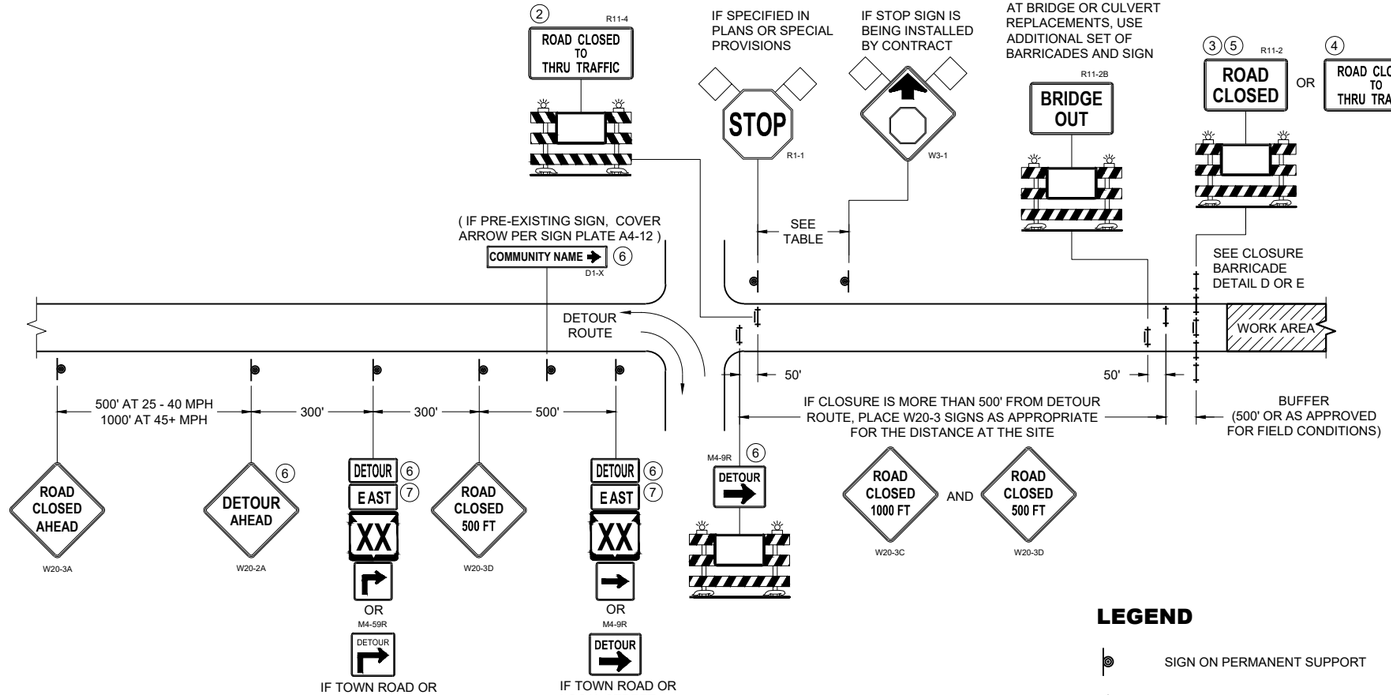
S.D.D. 15 A 3-2b



DETAIL A

MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B

MAINLINE CLOSURE WITH POSTED DETOUR

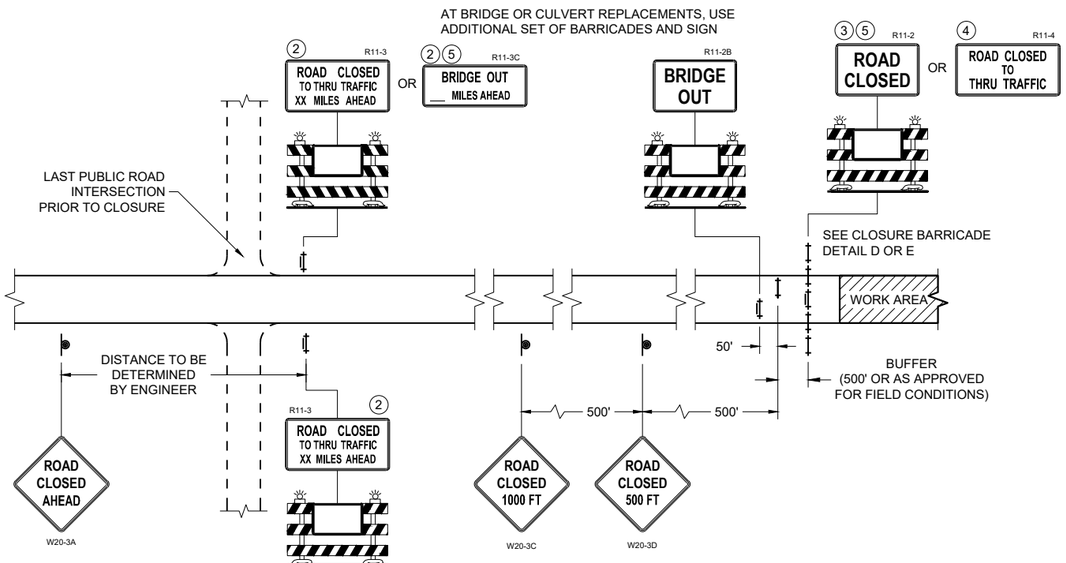
WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b" FOR GENERAL NOTES AND FOOTNOTES (1) THROUGH (7)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1



DETAIL C

MAINLINE CLOSURE, NO POSTED DETOUR

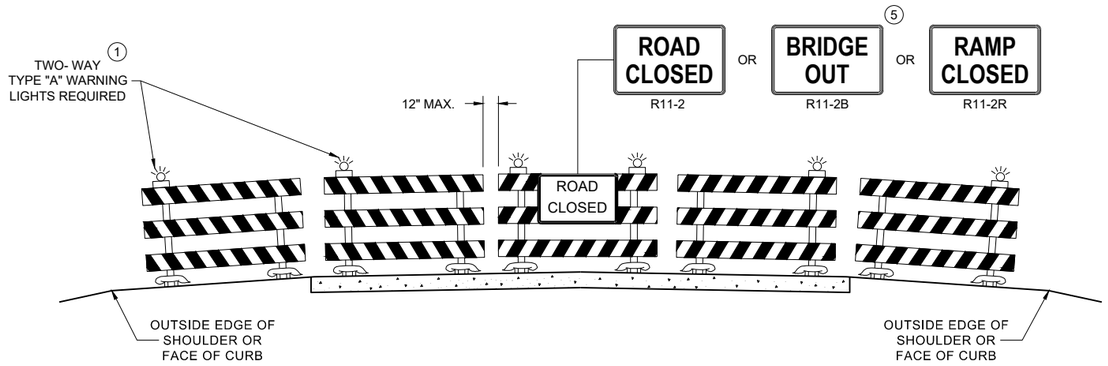
BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

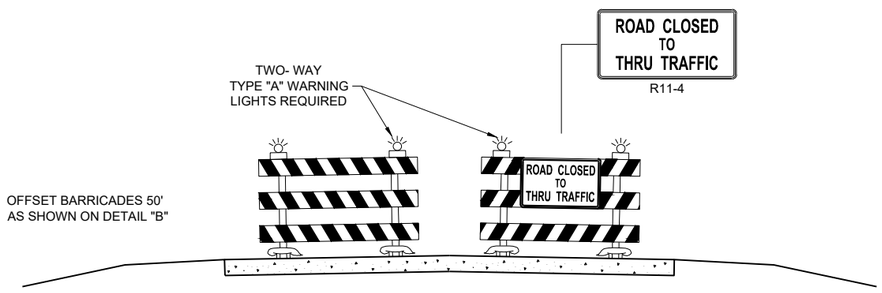
6
SDD 15C02-10a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

PARTIAL NUMBERS ON SIGNS SHALL BE DISPLAYED AS A WHOLE NUMBER(AS NEEDED) FOLLOWED BY A FRACTION. SIGNS SHALL NOT DISPLAY NUMBERS IN DECIMAL FORM.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

SIGNS PLACED ON TYPE III BARRICADES THAT ARE SIZES OTHER THAN 48"X30" SHALL HAVE A CORRUGATED POLYPROPYLENE OR POLYETHYLENE PLASTIC SIGN BASE.

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6

SDD 15C02-10b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR M4 - 8
- EAST M3 - X
- XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

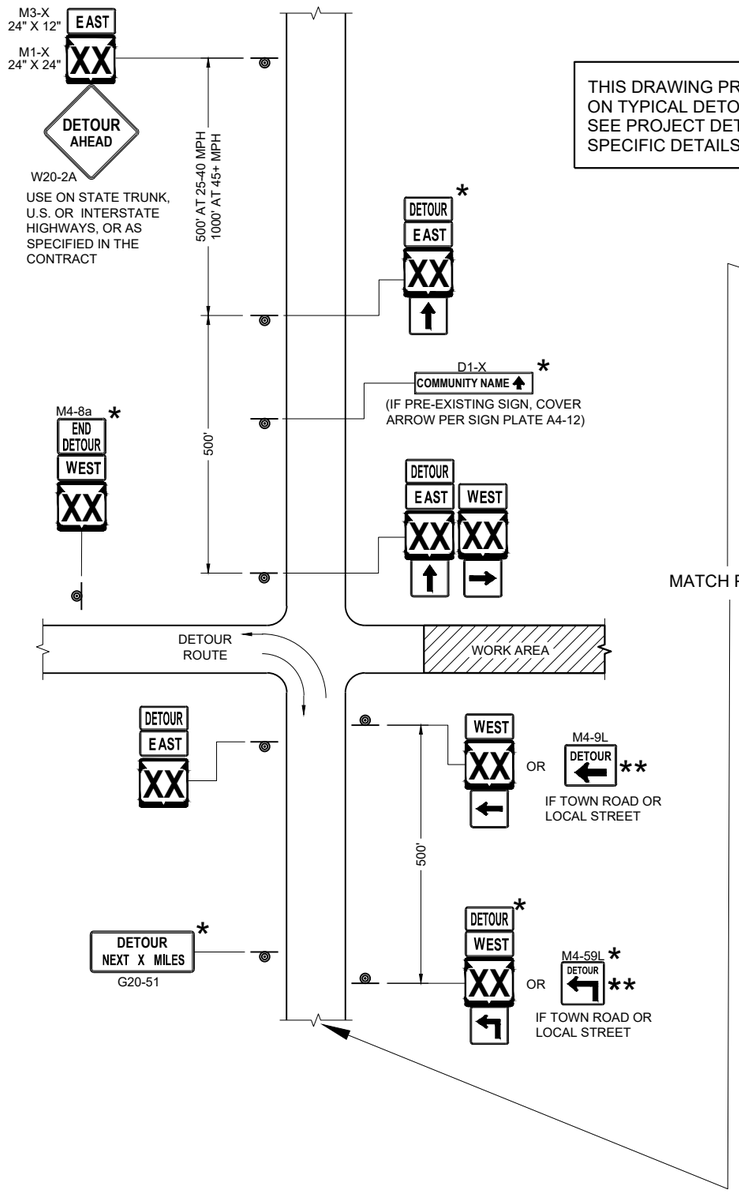
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

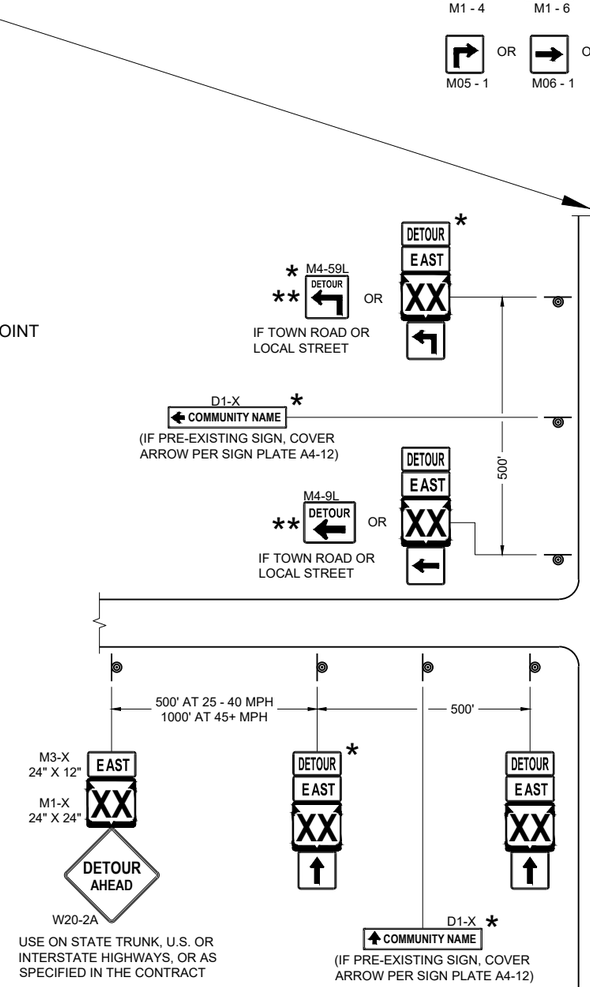
SIGN SIZES SHALL BE AS FOLLOWS:

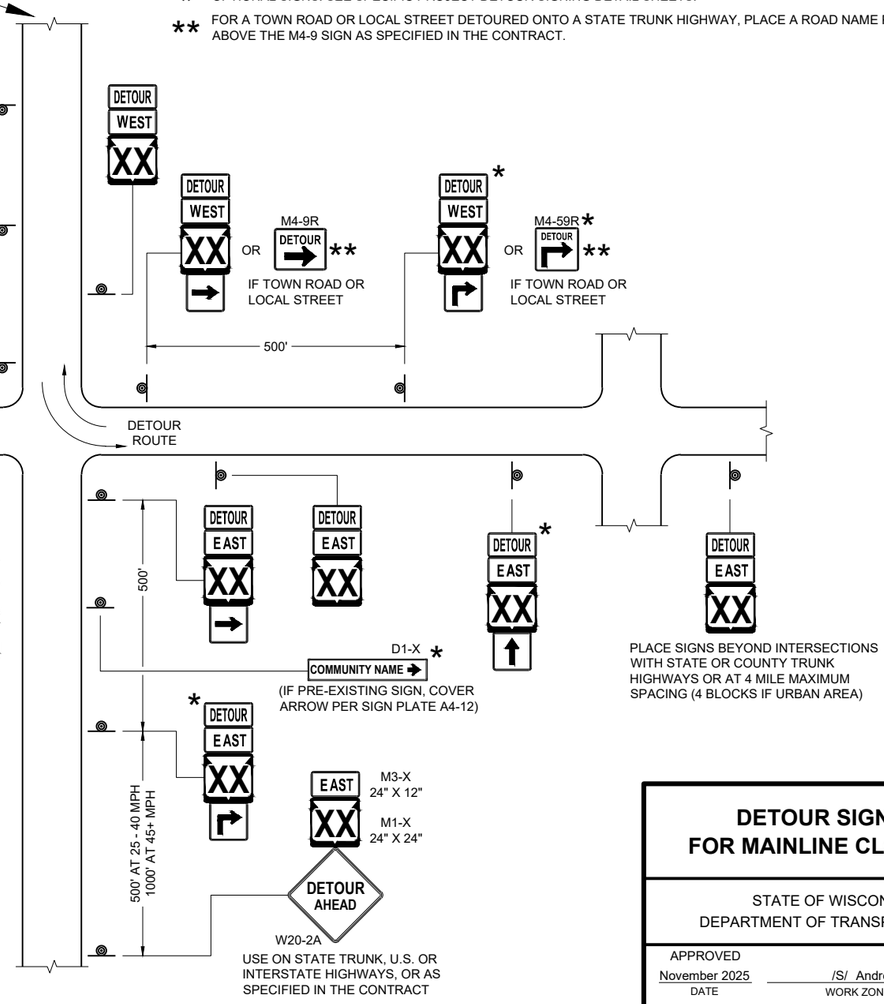
- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.







SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

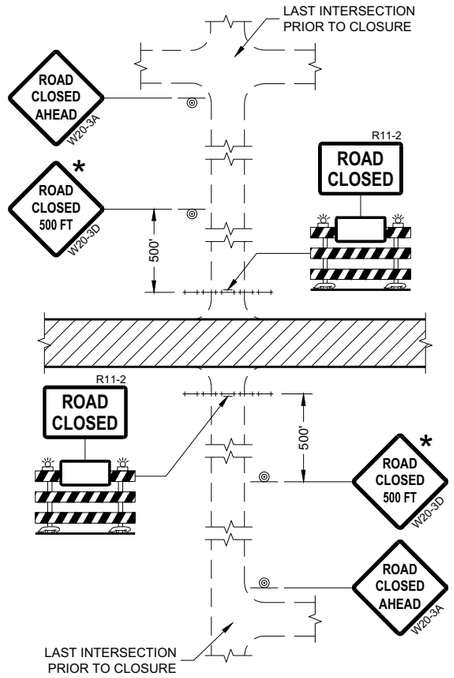
DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

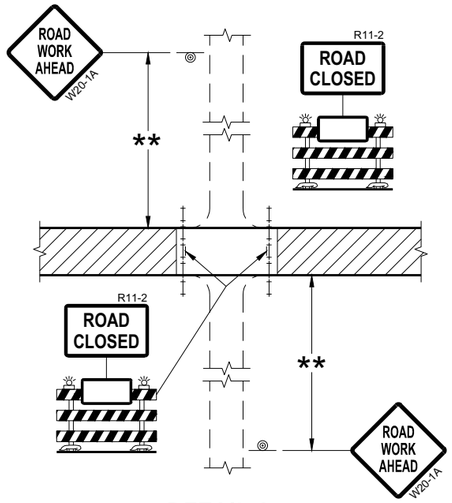
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

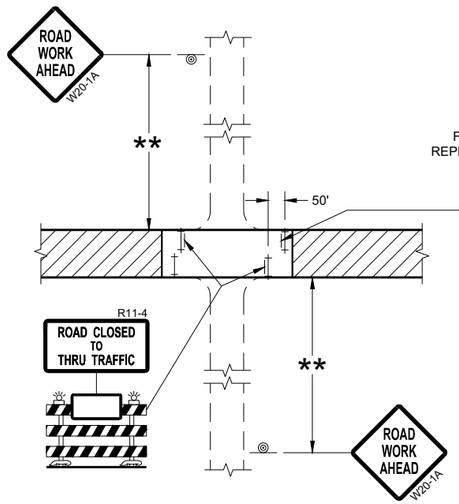
FHWA



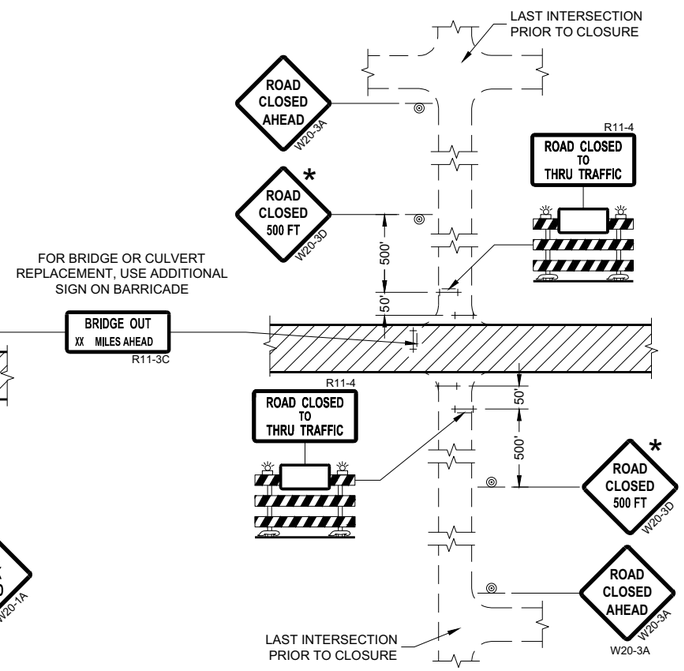
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT 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.

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

6

SDD 15C03 - 05

SDD 15C03 - 05

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.

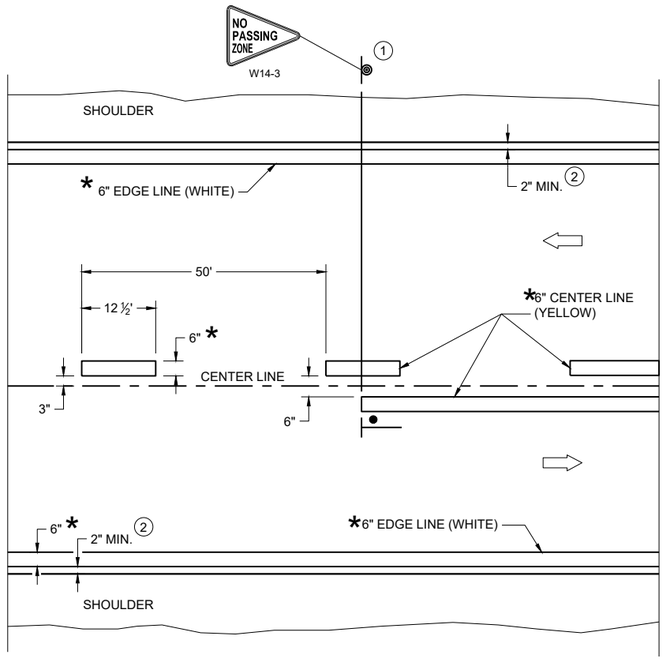
LEGEND

"T" MARKING

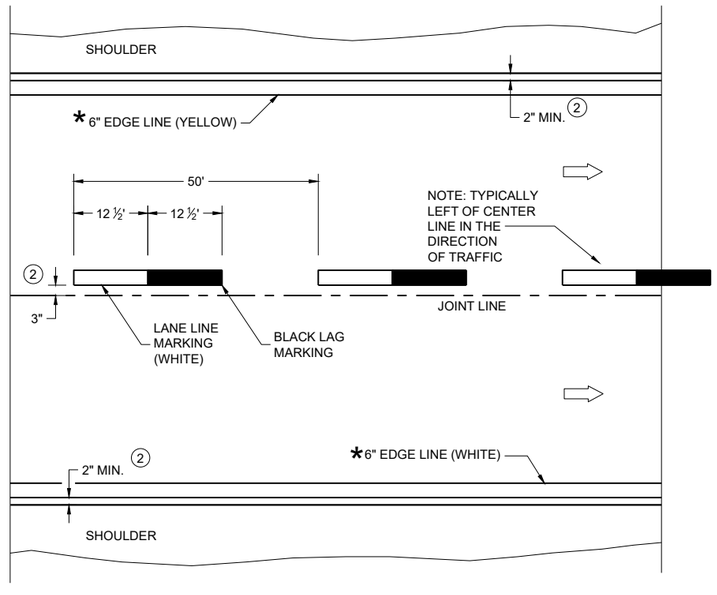
SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

SDD 15C08-24a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

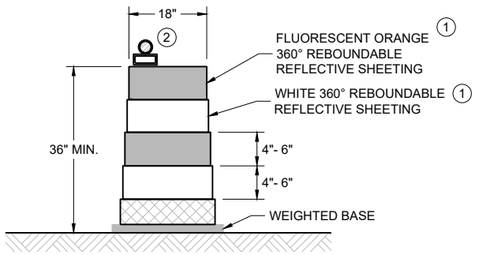
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SDD 15C08-24a

GENERAL NOTES

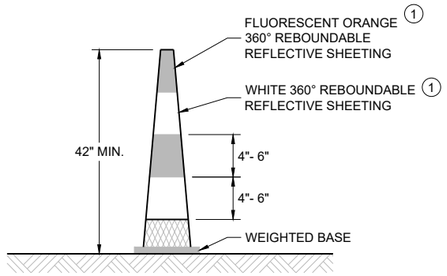
(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

(2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

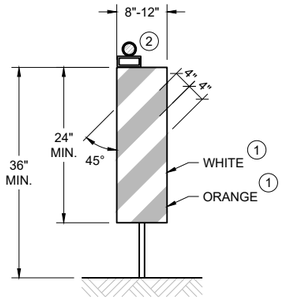
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

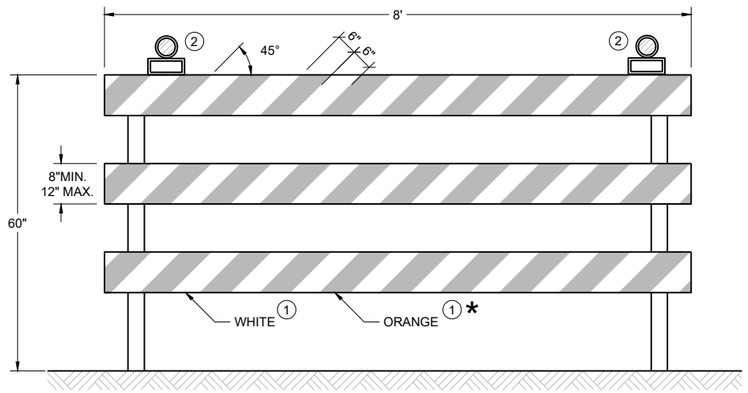
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2026 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER
FHWA

6

SDD 15C11-11b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

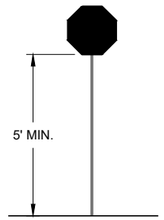
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



STOP/SLOW PADDLE ON SUPPORT STAFF

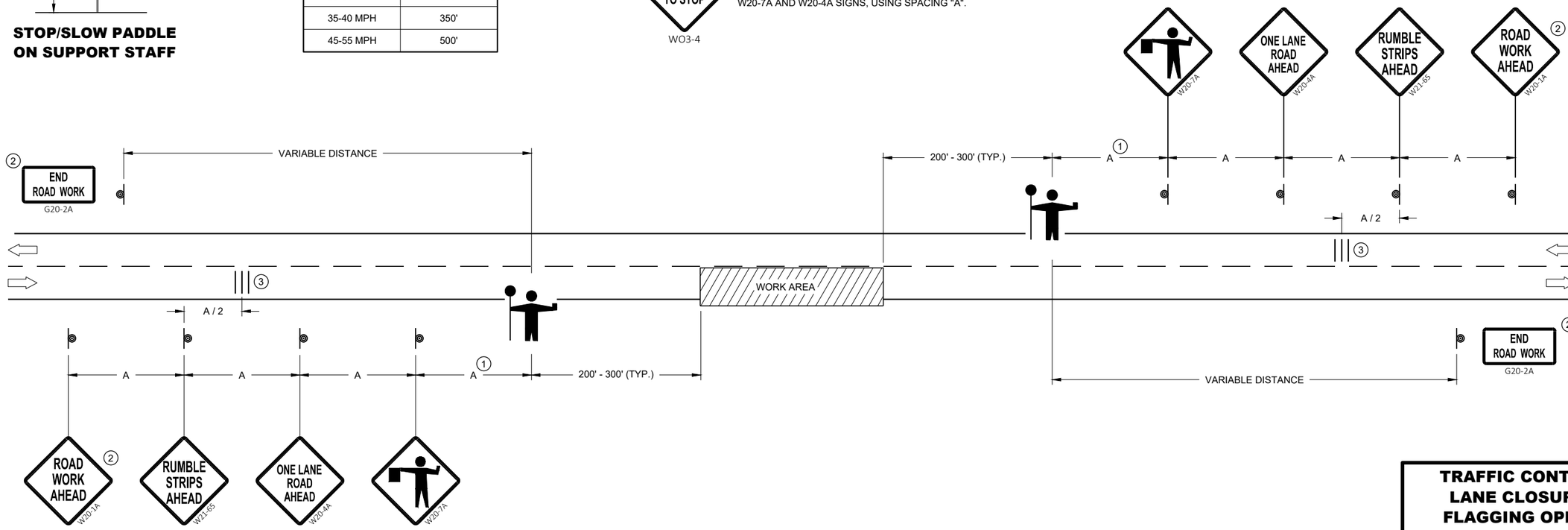
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C12 - 09a

6

SDD 15C12 - 09a

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

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

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH

WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

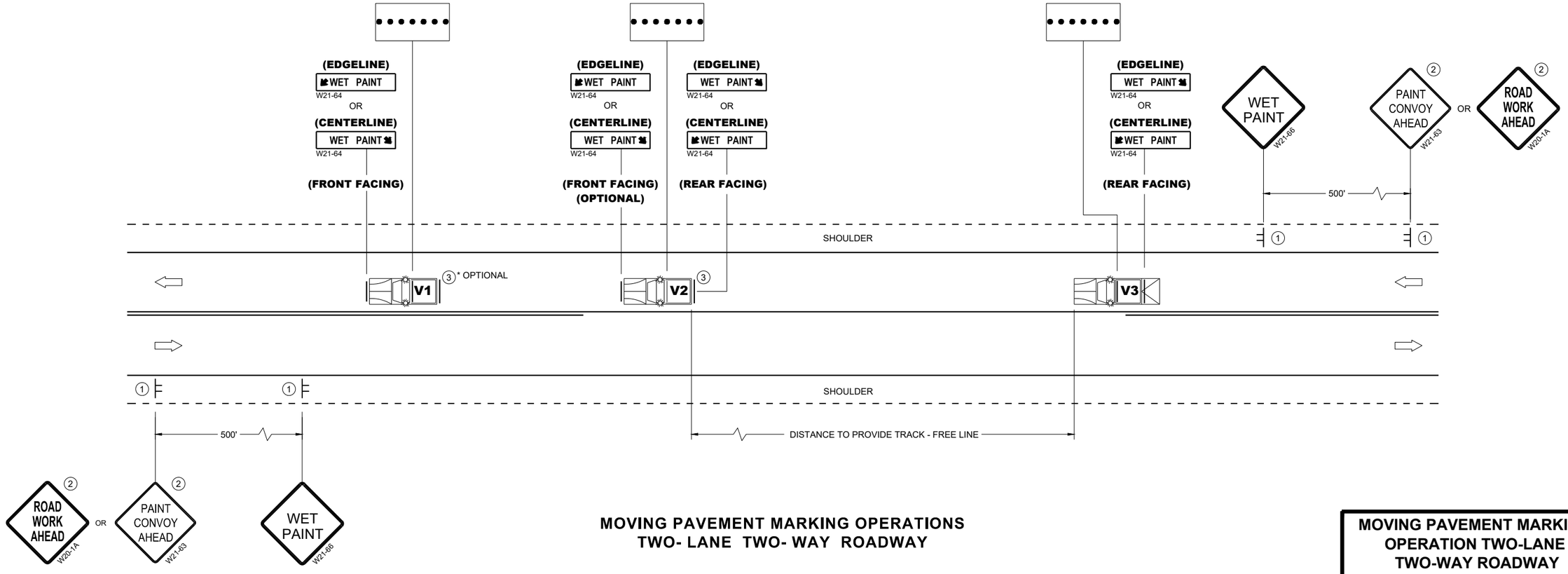
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

(3) V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2025 — DATE
/S/ Andrew Heidtke — STATE ELECTRICAL ENGINEER

FHWA

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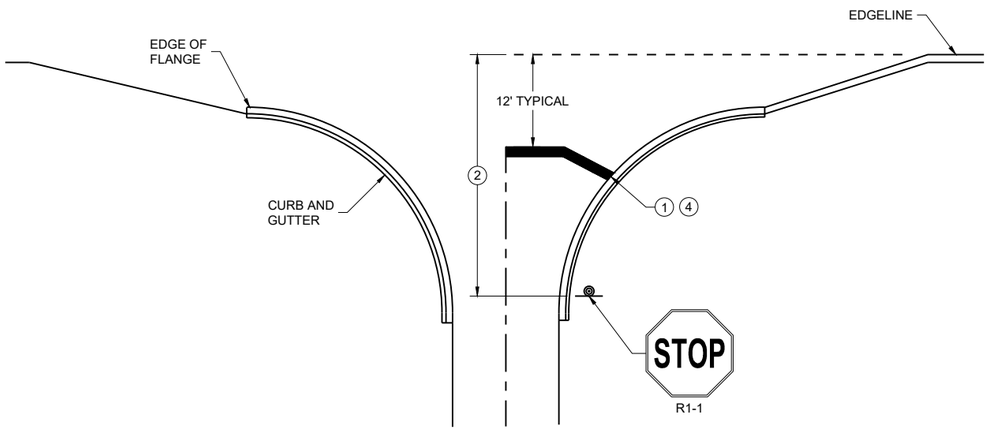
SDD 15C19-11a

SDD 15C19-11a

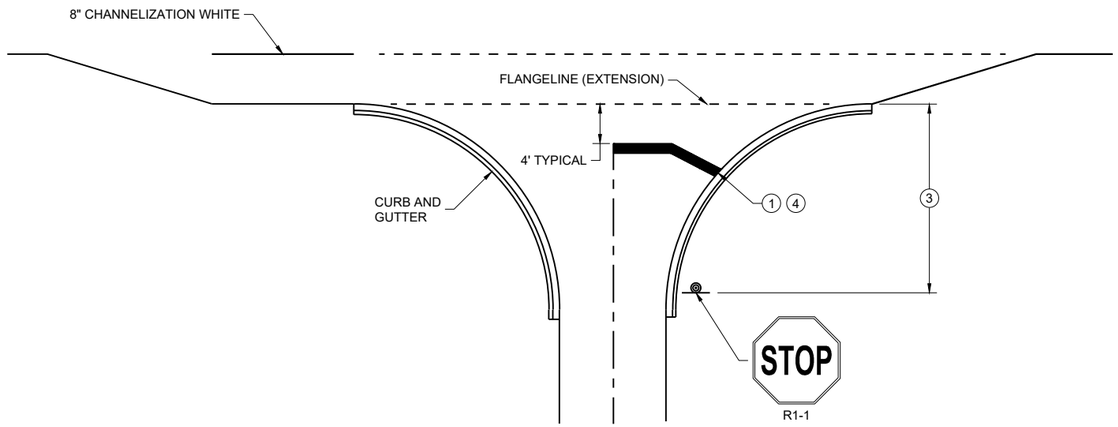
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

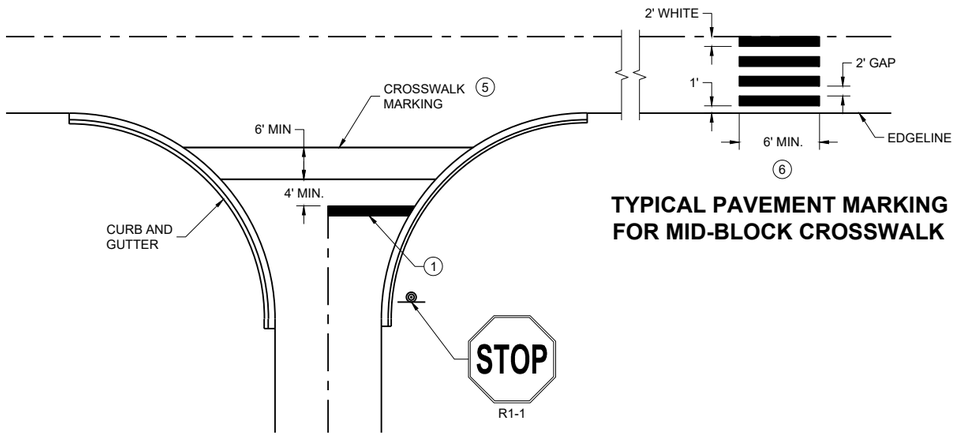
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

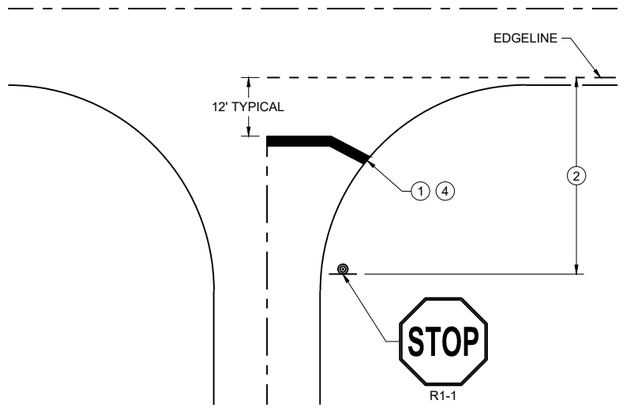


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



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

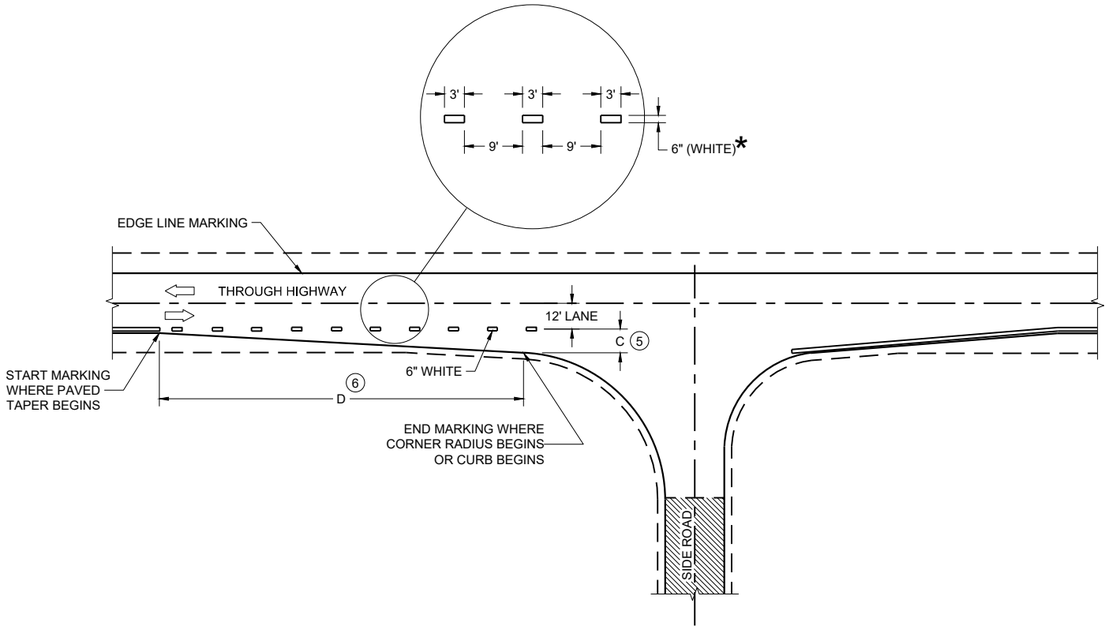
APPROVED

March 2024 — DATE

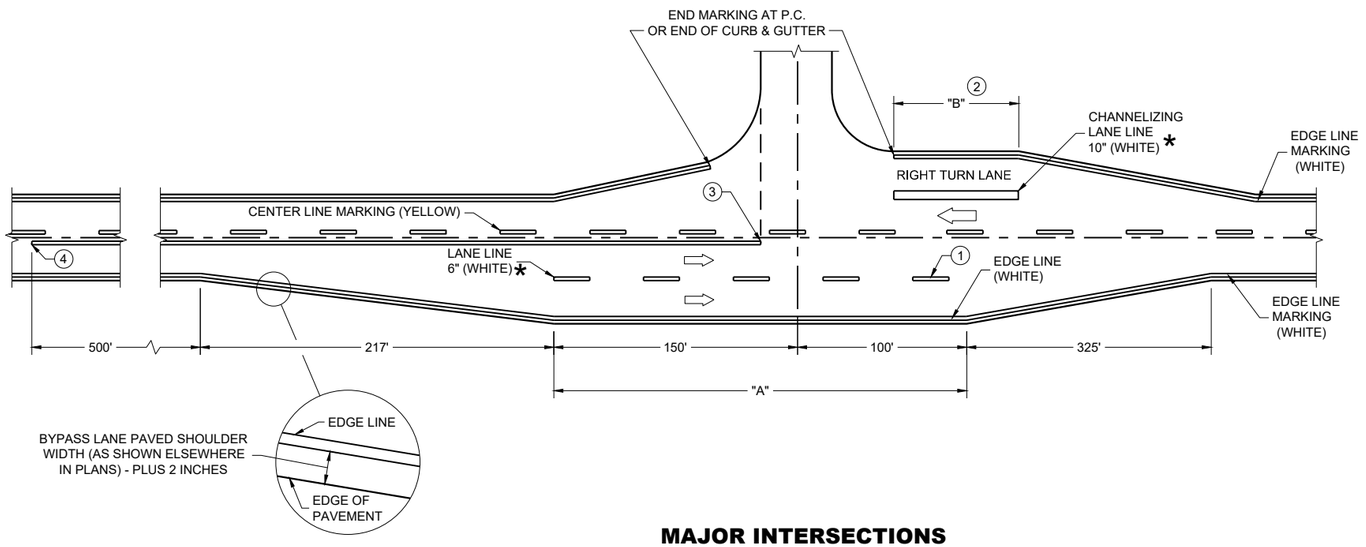
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6 SDD 15C33-05



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

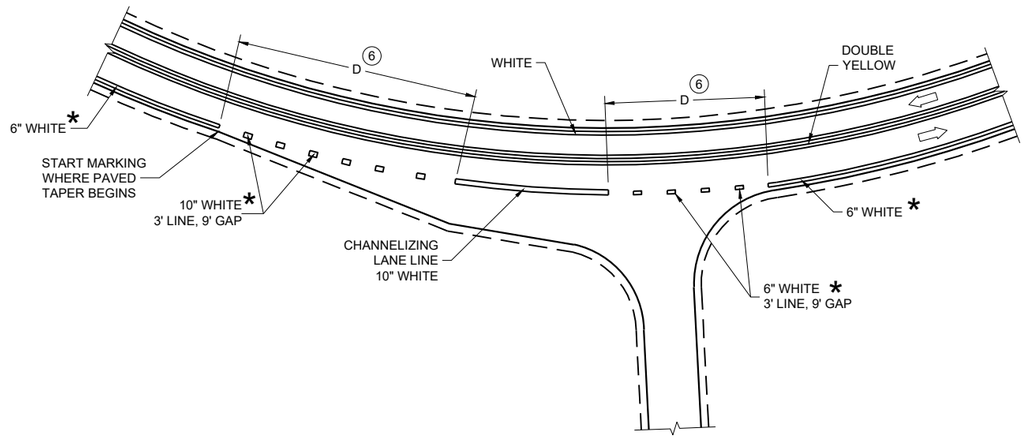
GENERAL NOTES

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

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

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

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

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

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

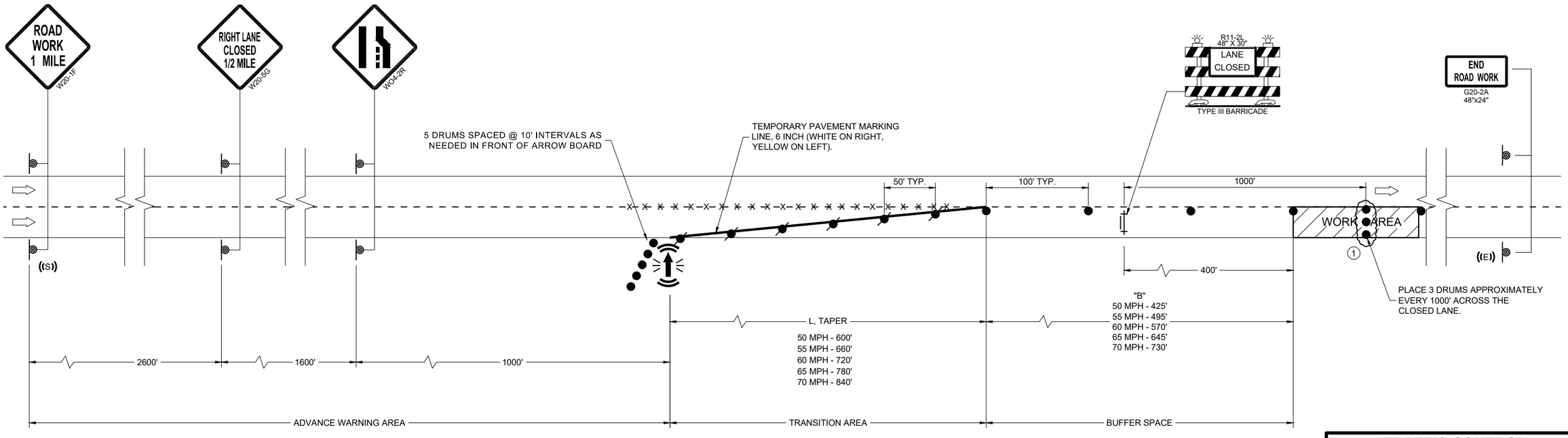
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

(1) DRUMS IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- CONNECTED ARROW BOARD
- (S) WZ START LOCATION MARKER
- (E) WZ END LOCATION MARKER



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2026 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

SDD 15D12-17a

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SDD 15D12-17a

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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

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

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

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

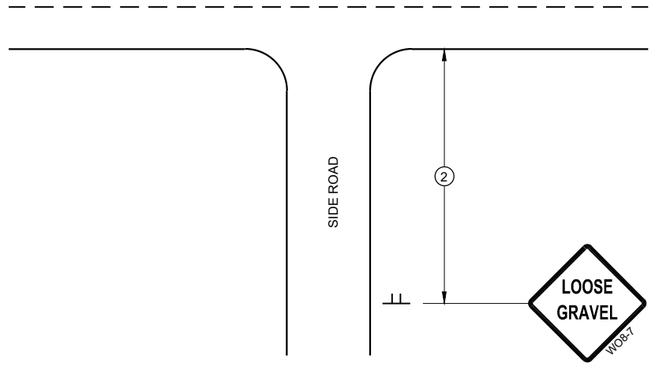
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

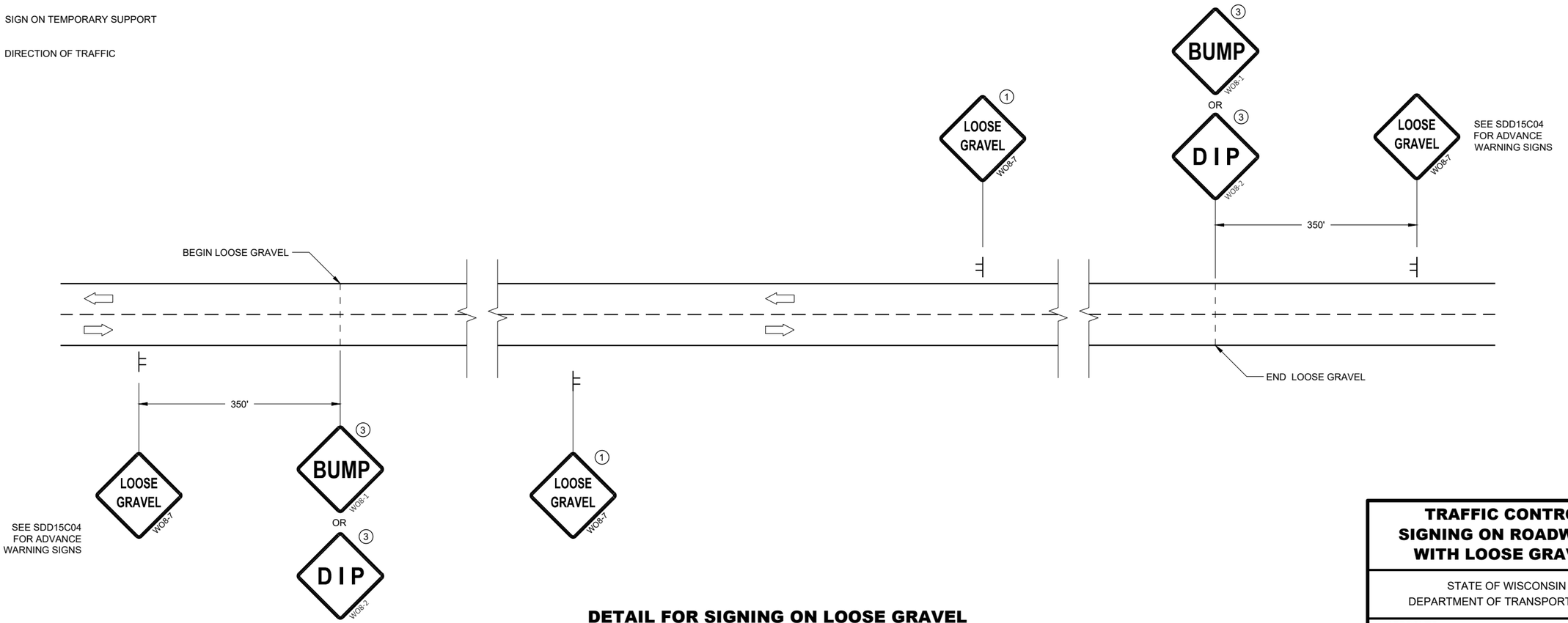
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

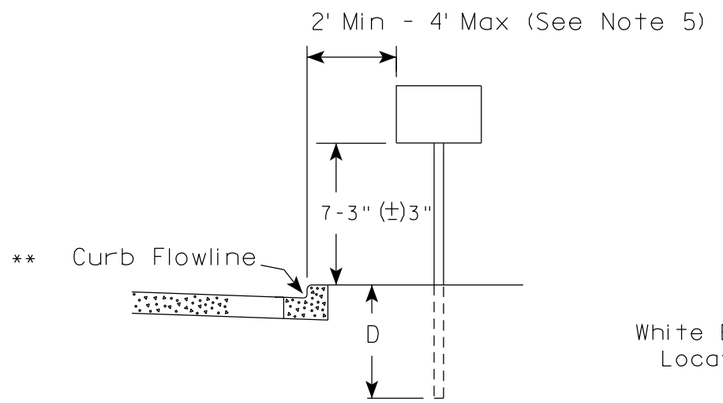
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

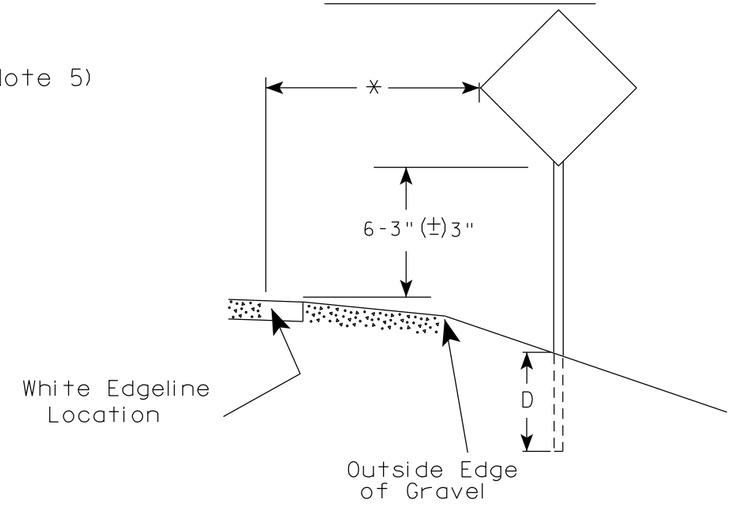
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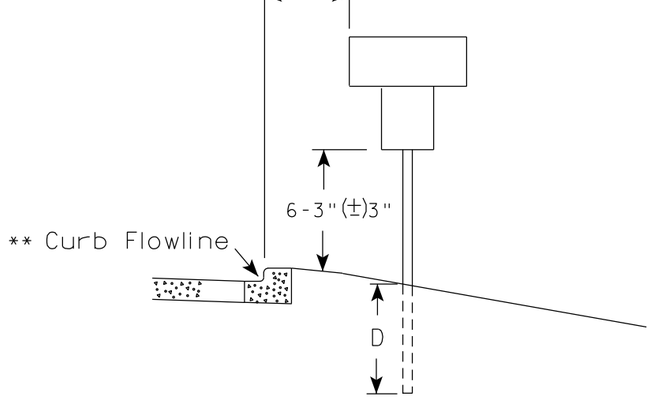
SDD 15D45 - 03

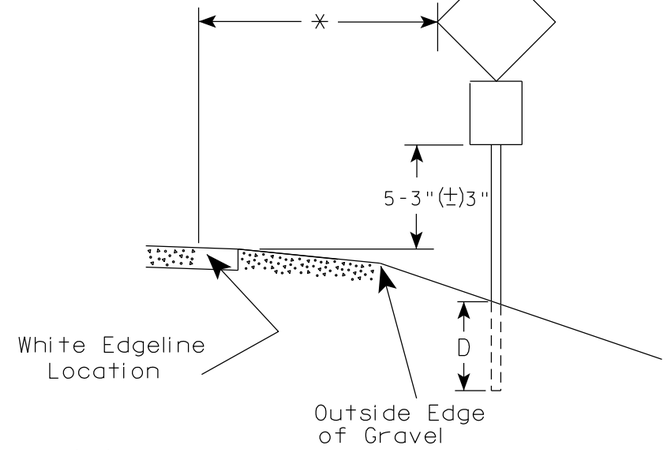
URBAN AREA



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.

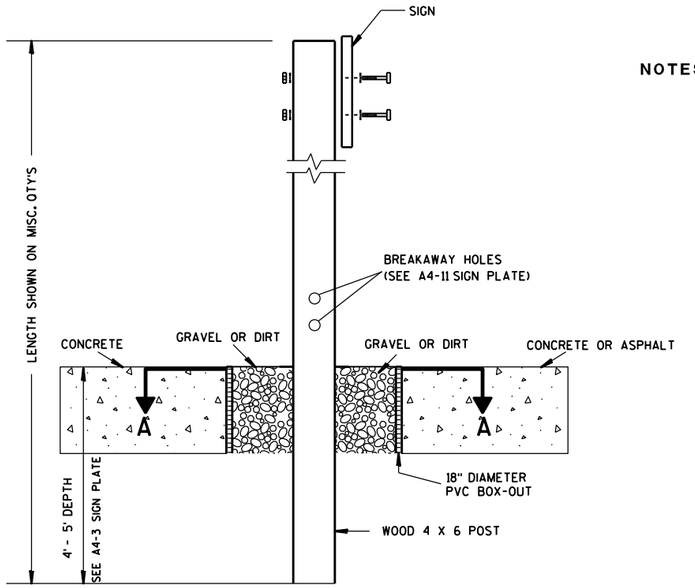
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

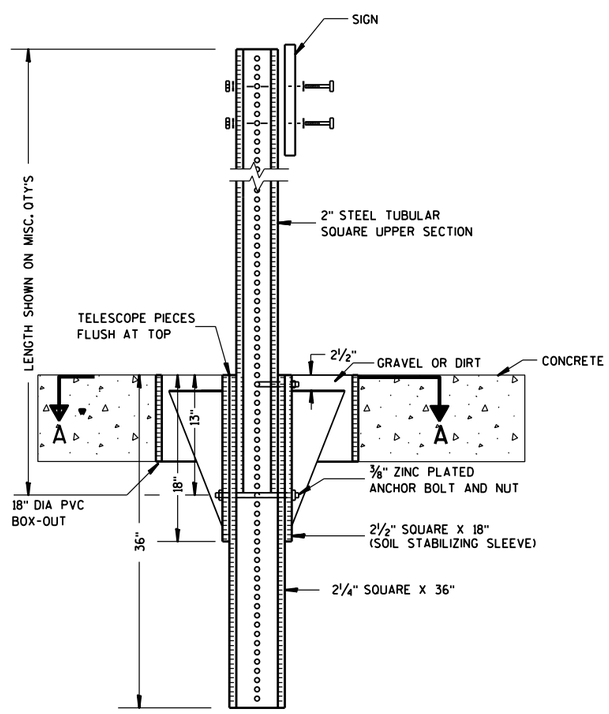
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 78	E



ELEVATION VIEW

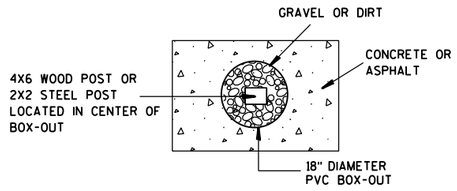
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

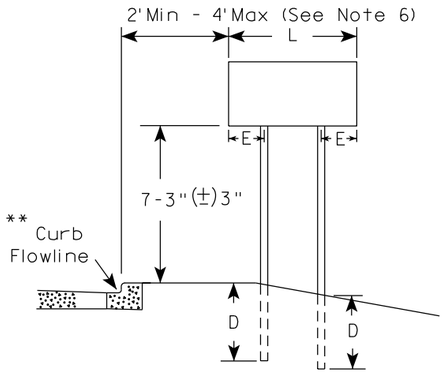
APPROVED Matthew R Rauch
for State Traffic Engineer

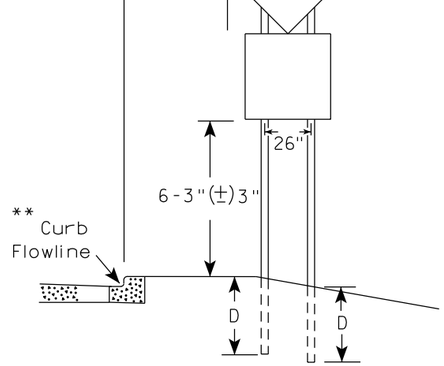
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

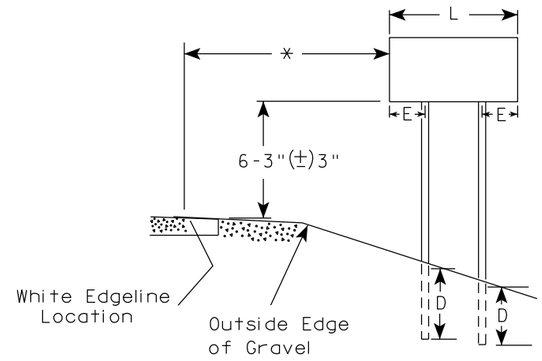
URBAN AREA

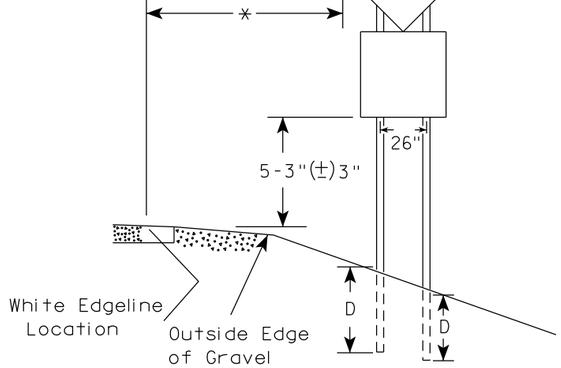




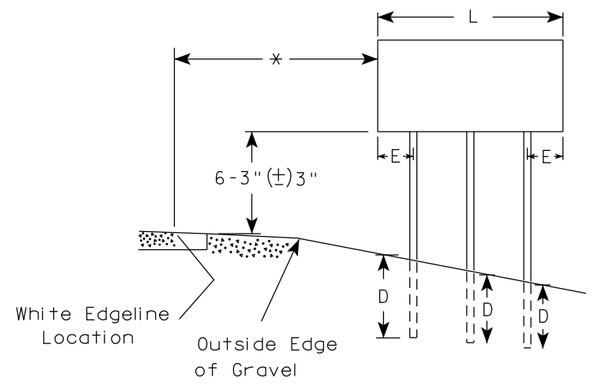
48" DIAMOND WARNING SIGN

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'

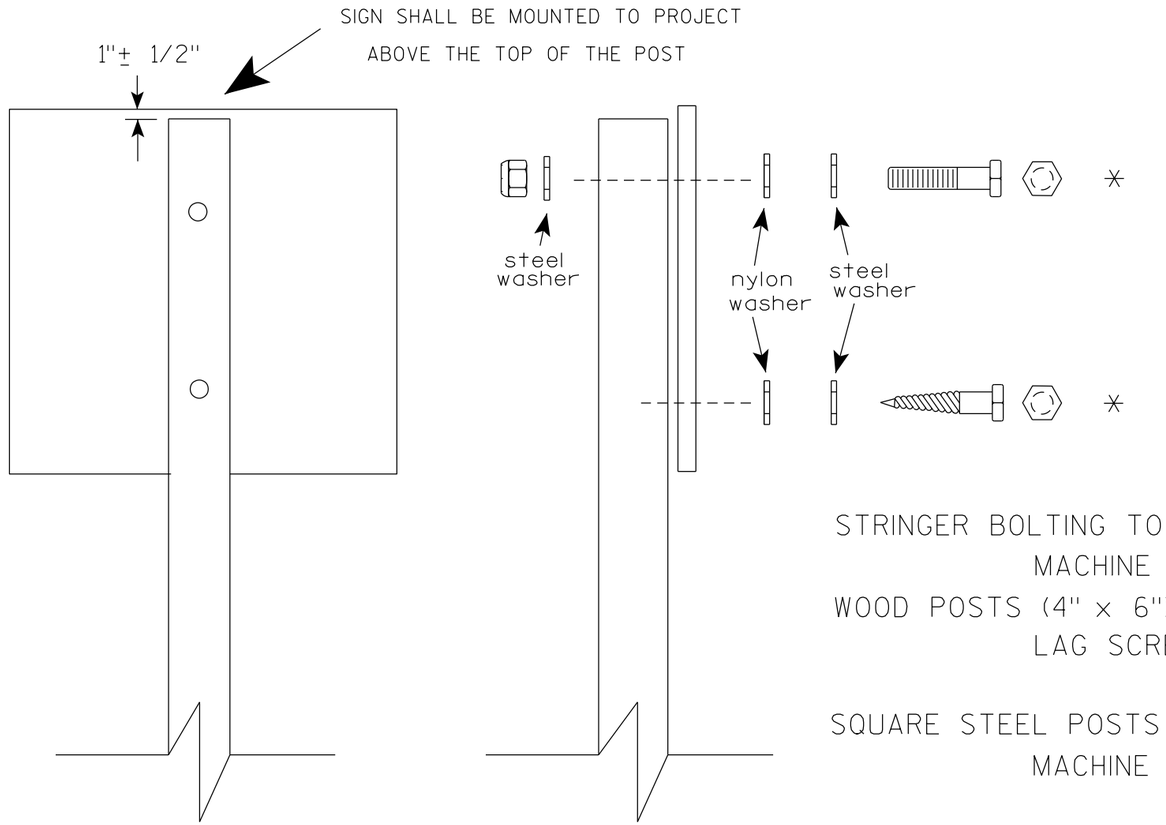
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 80	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

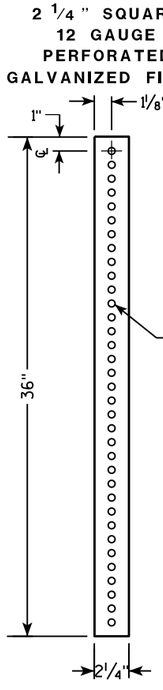
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

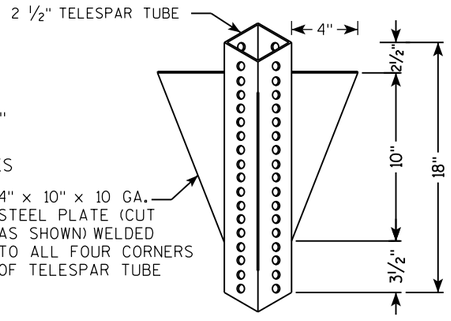
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

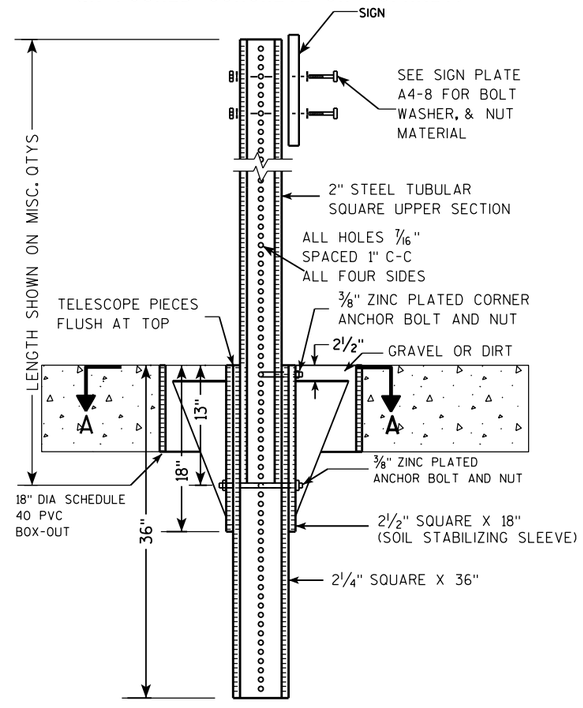
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



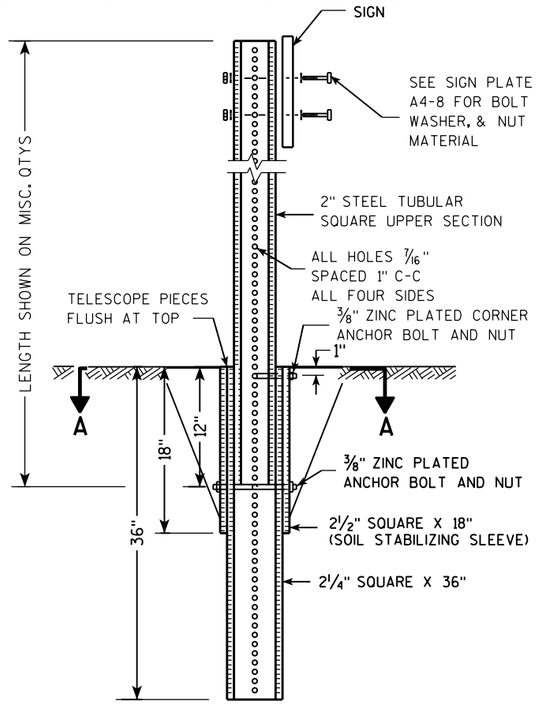
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

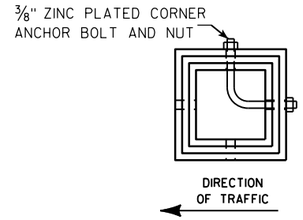


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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).

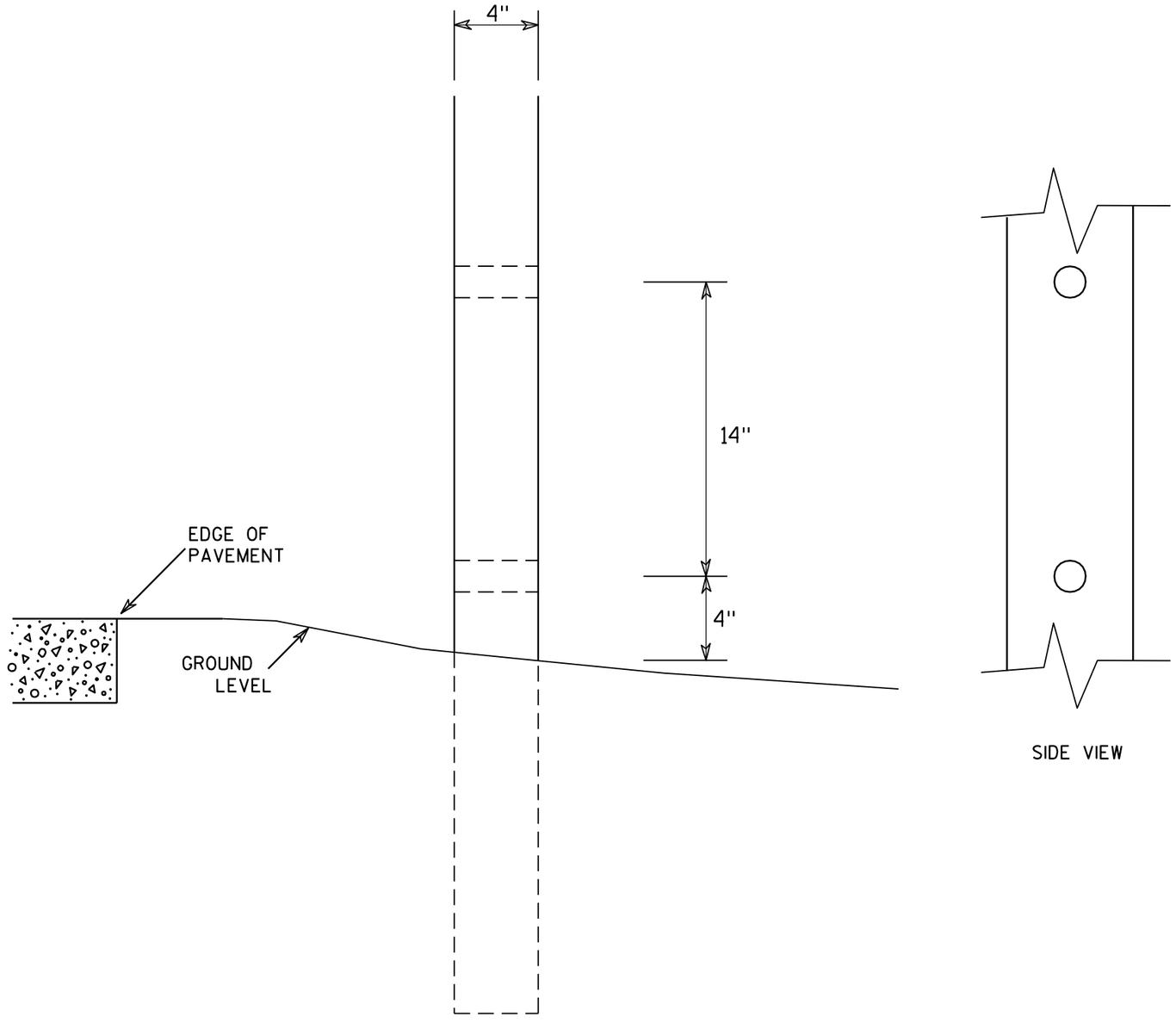
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 82 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

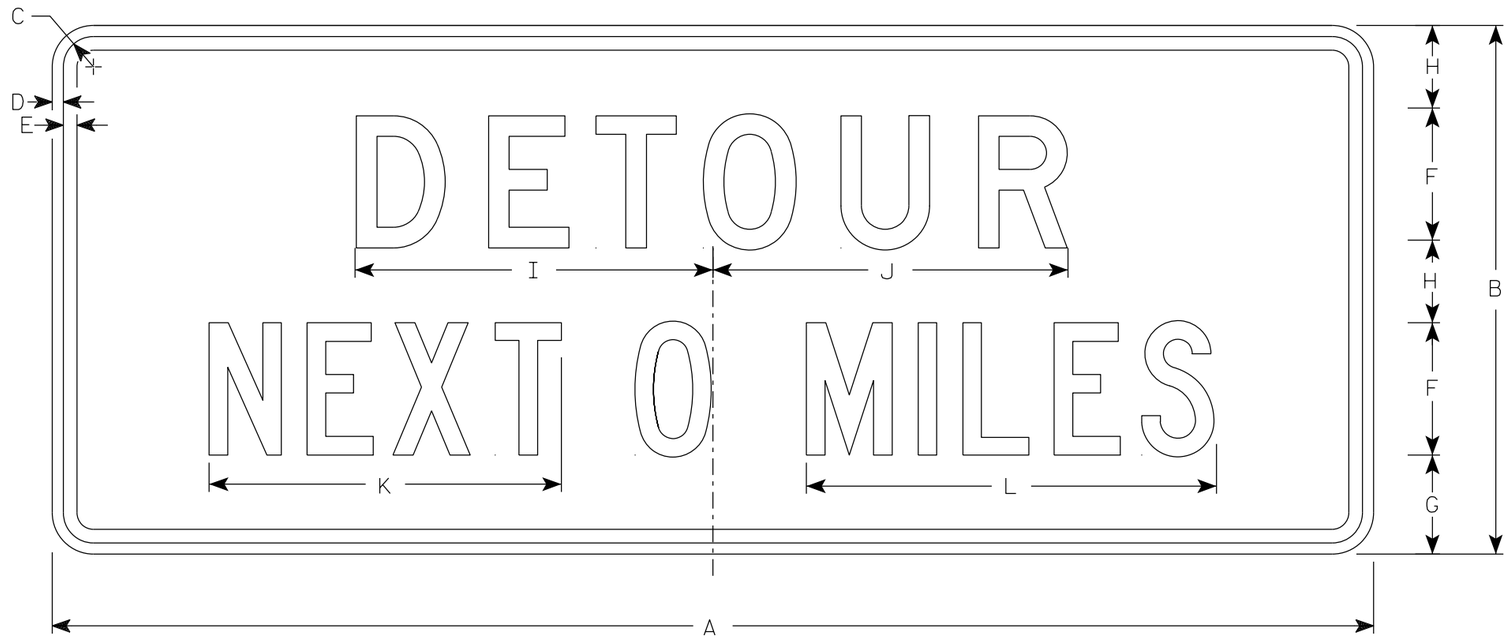
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 83	E



G20-51

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - Line 1 is D and Line 2 is 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. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0

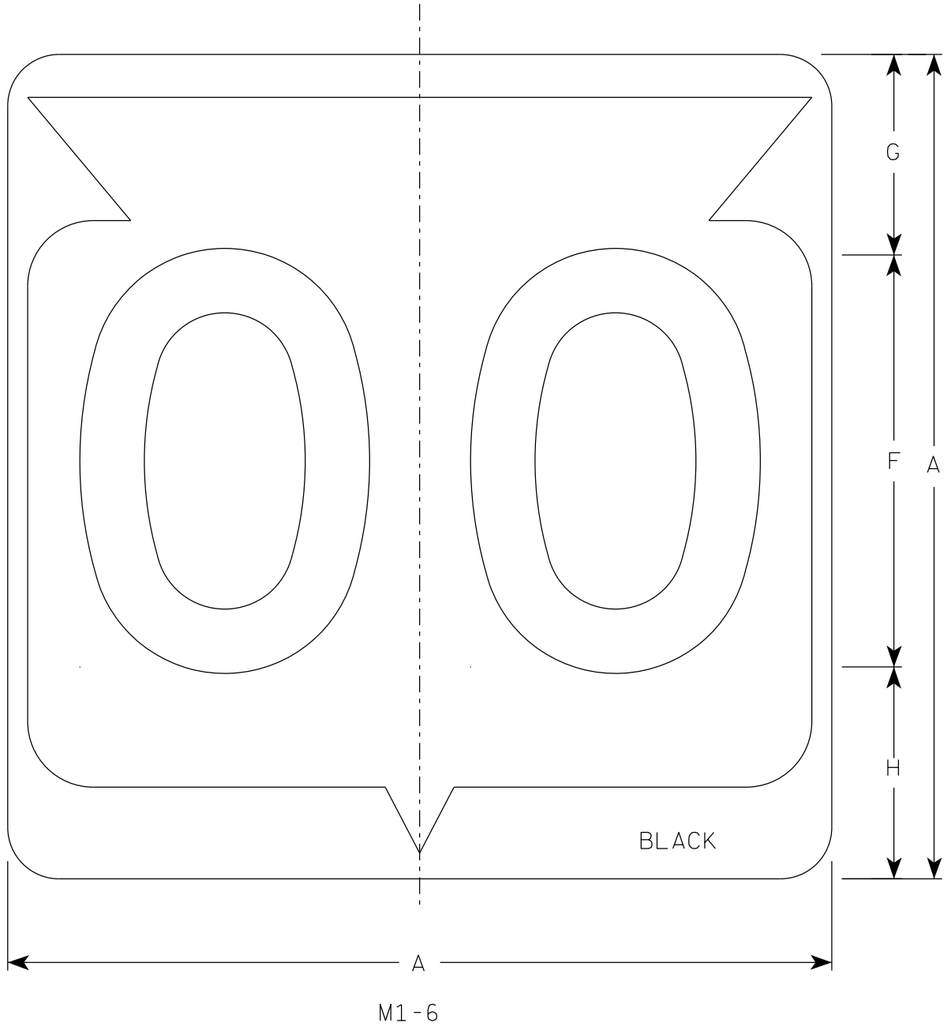
STANDARD SIGN
G20-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-51.3

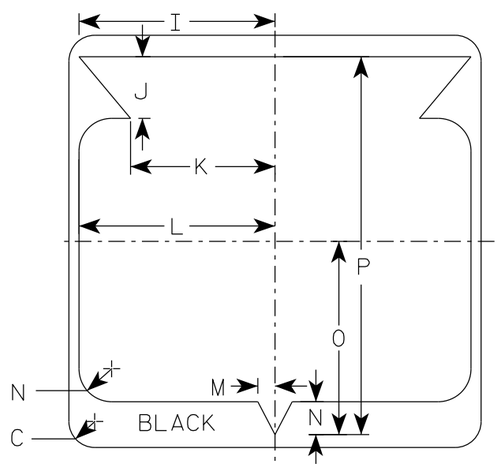
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 84	E



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

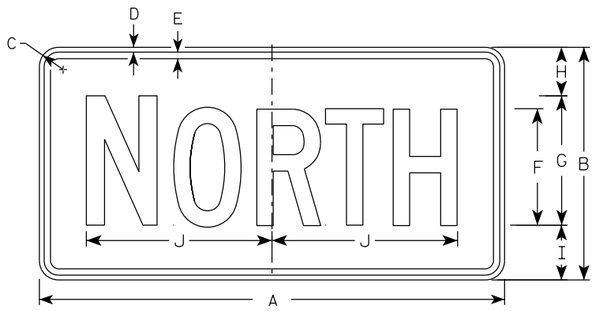
STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

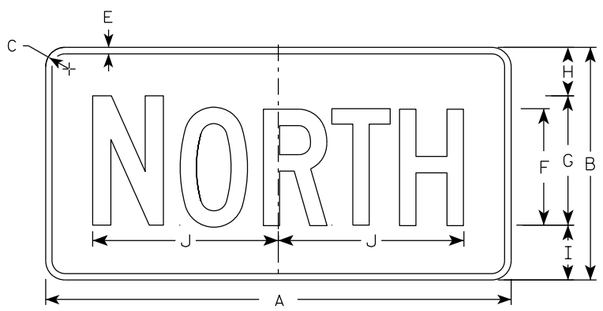
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-6.11

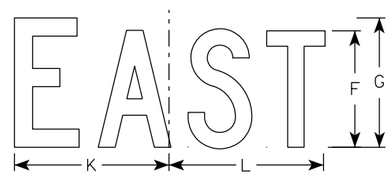
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 85	E



M3-1
MM3-1
MP3-1



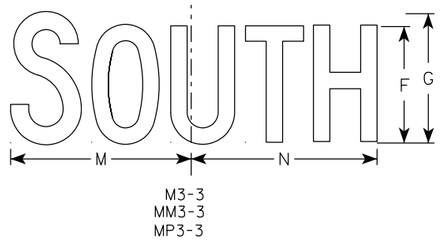
MB3-1
MK3-1
MN3-1



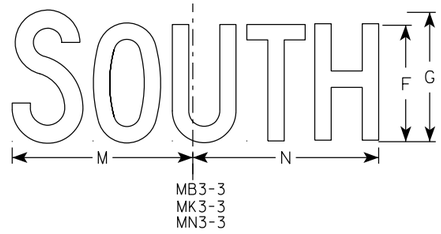
M3-2
MM3-2
MP3-2



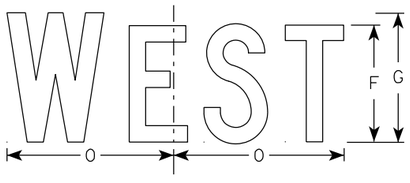
MB3-2
MK3-2
MN3-2



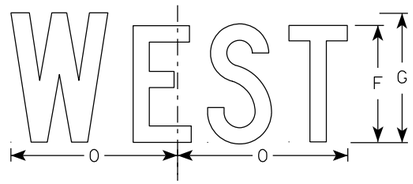
M3-3
MM3-3
MP3-3



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

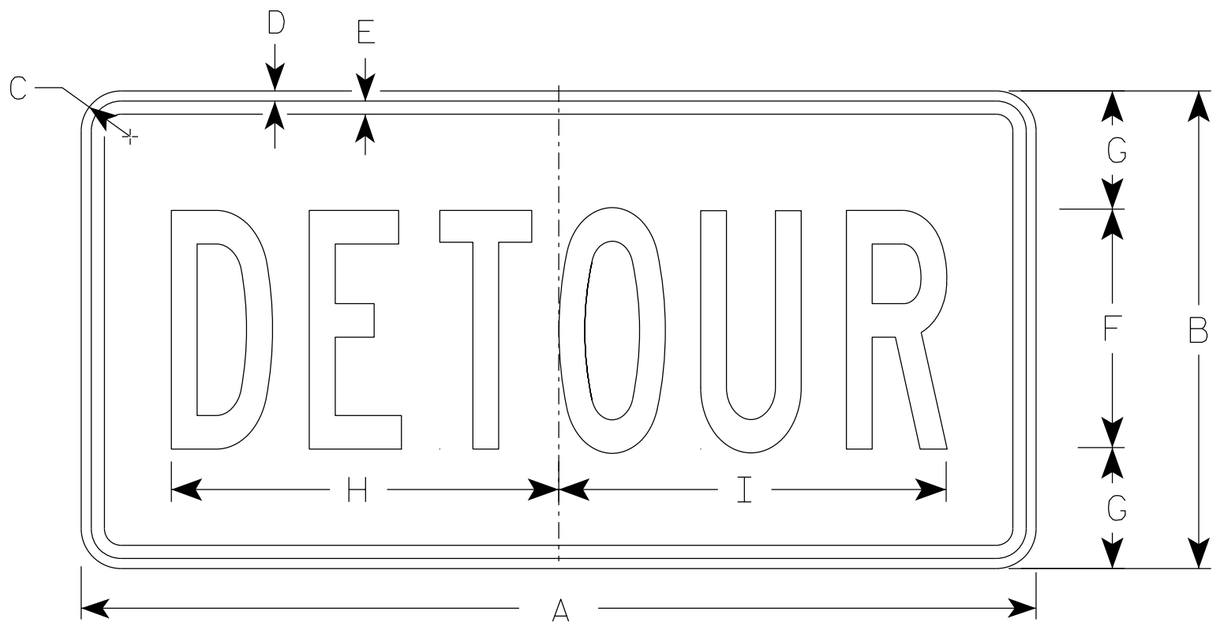
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 86	E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



M4-8

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

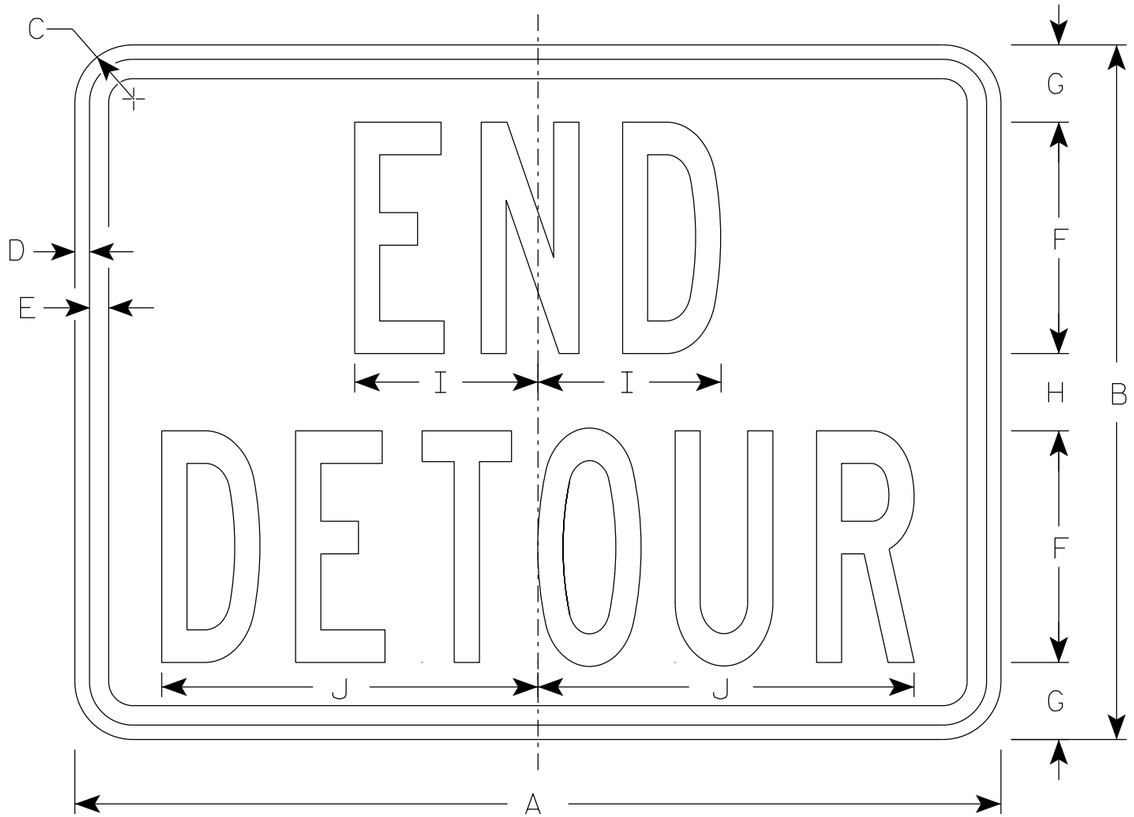
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 87	E



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

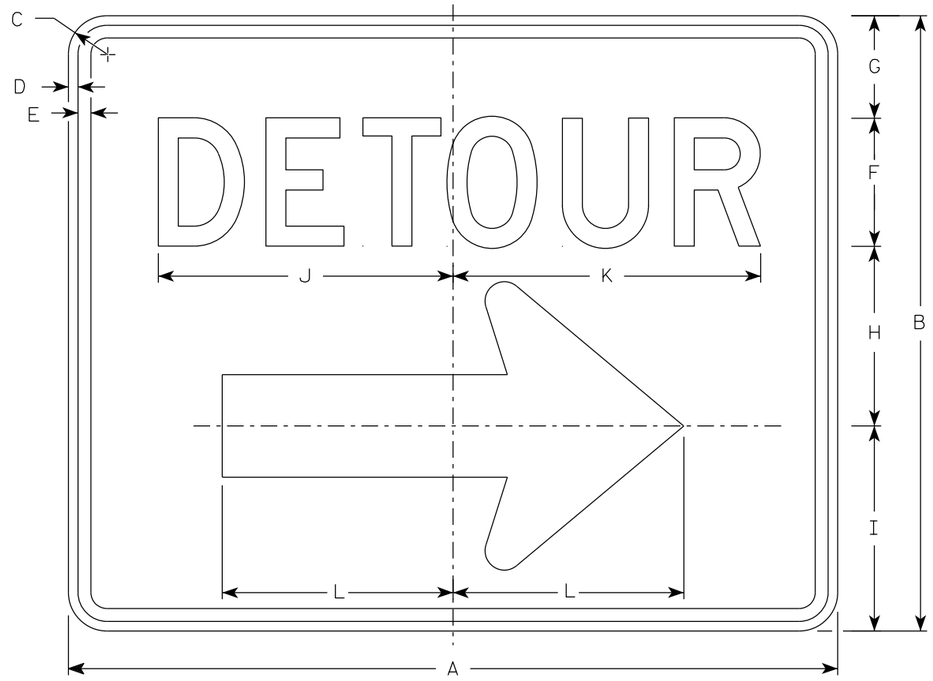
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

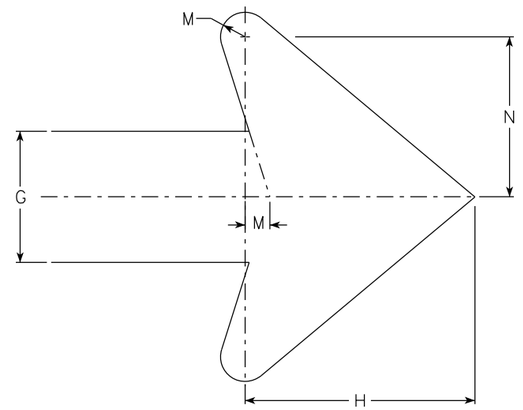
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 88 | E



M4-9R

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.
4. M4-9L is the same as M4-9R 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																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

STANDARD SIGN
M4-9 R & L

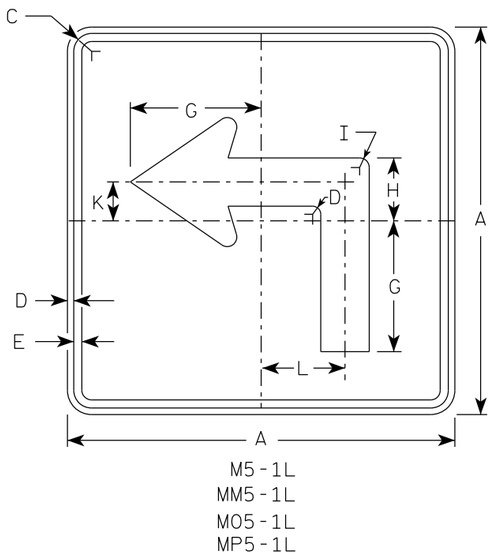
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

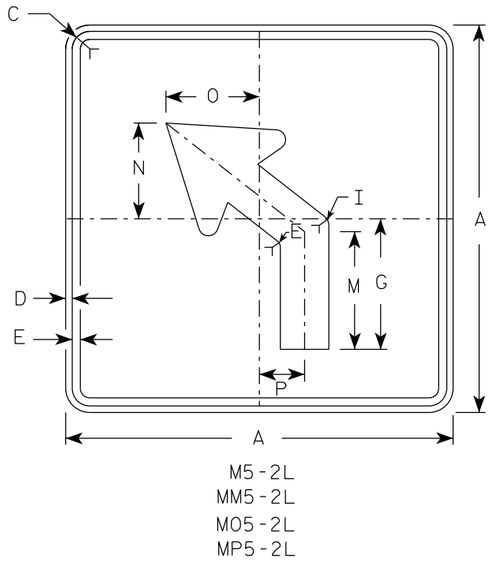
DATE 2/9/2023 PLATE NO. M4-9R.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

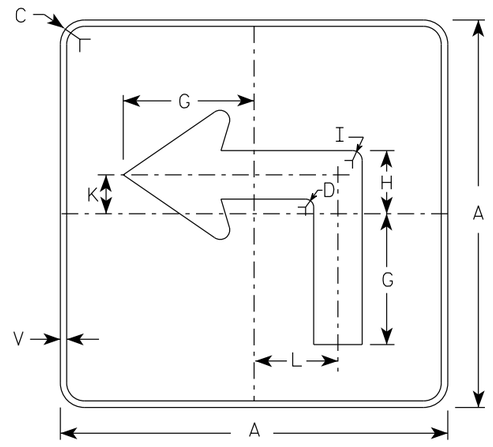
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49R.dgn PLOT DATE : 21-MARCH 2023 1:40 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



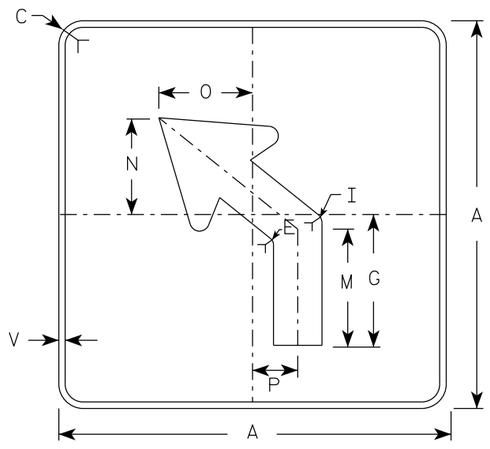
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

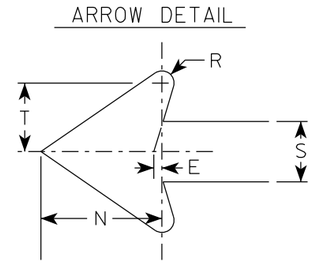


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

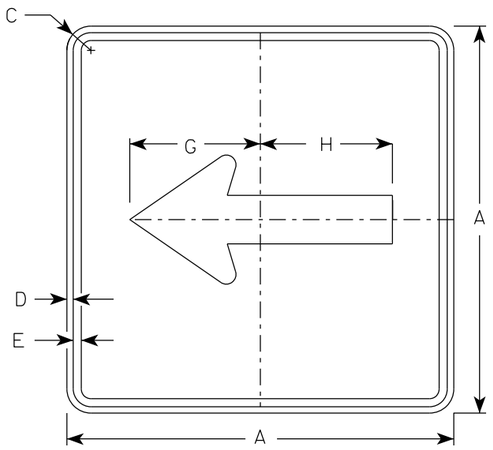
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

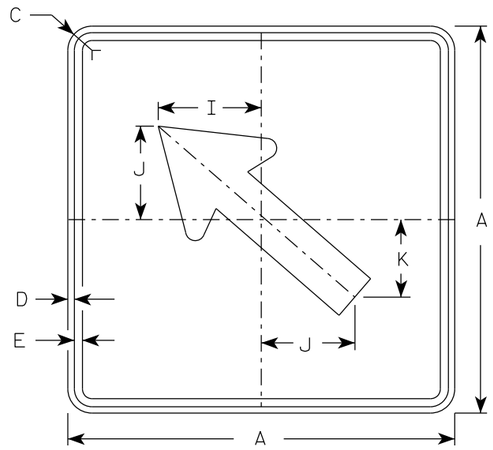
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

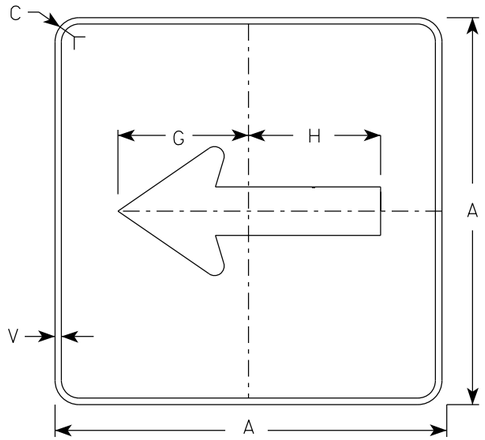
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 90 | E



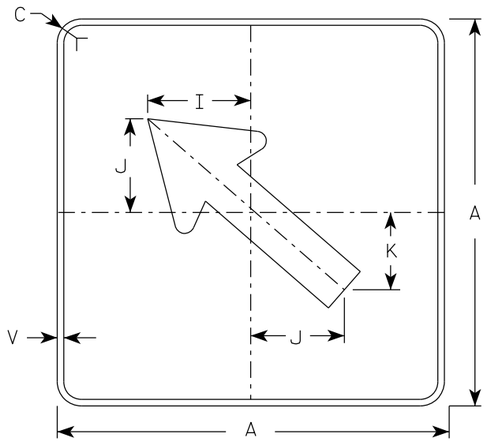
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

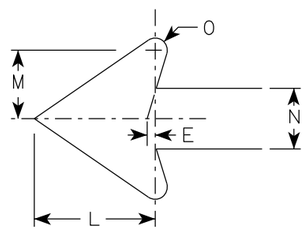


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

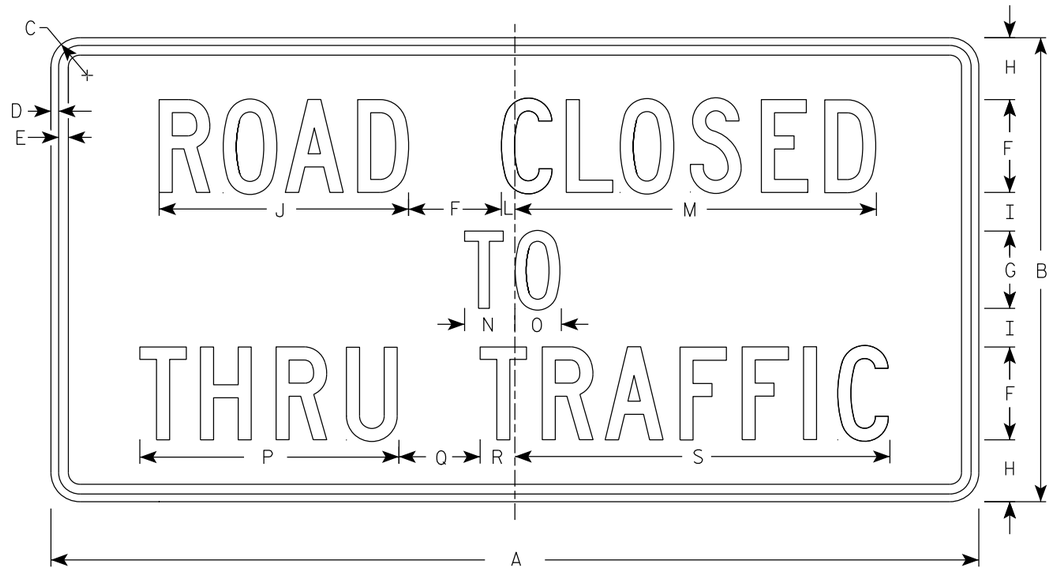
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 91 | E



R11-4

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

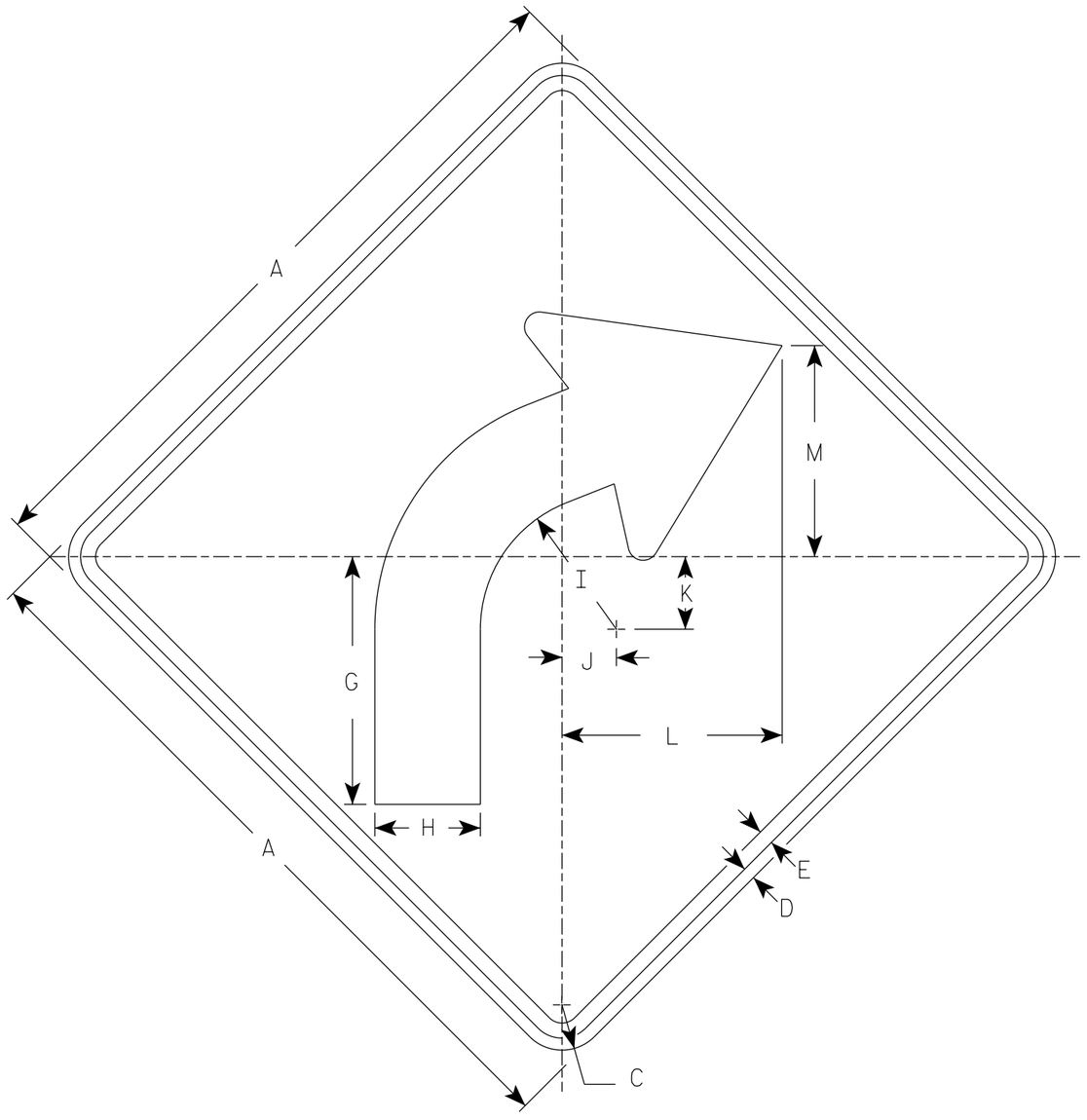
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-4.4

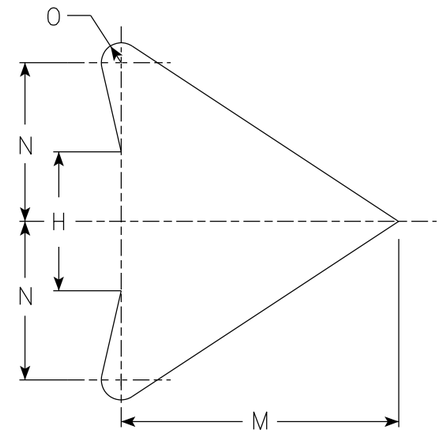
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 92	E



W1-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 7/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		3	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

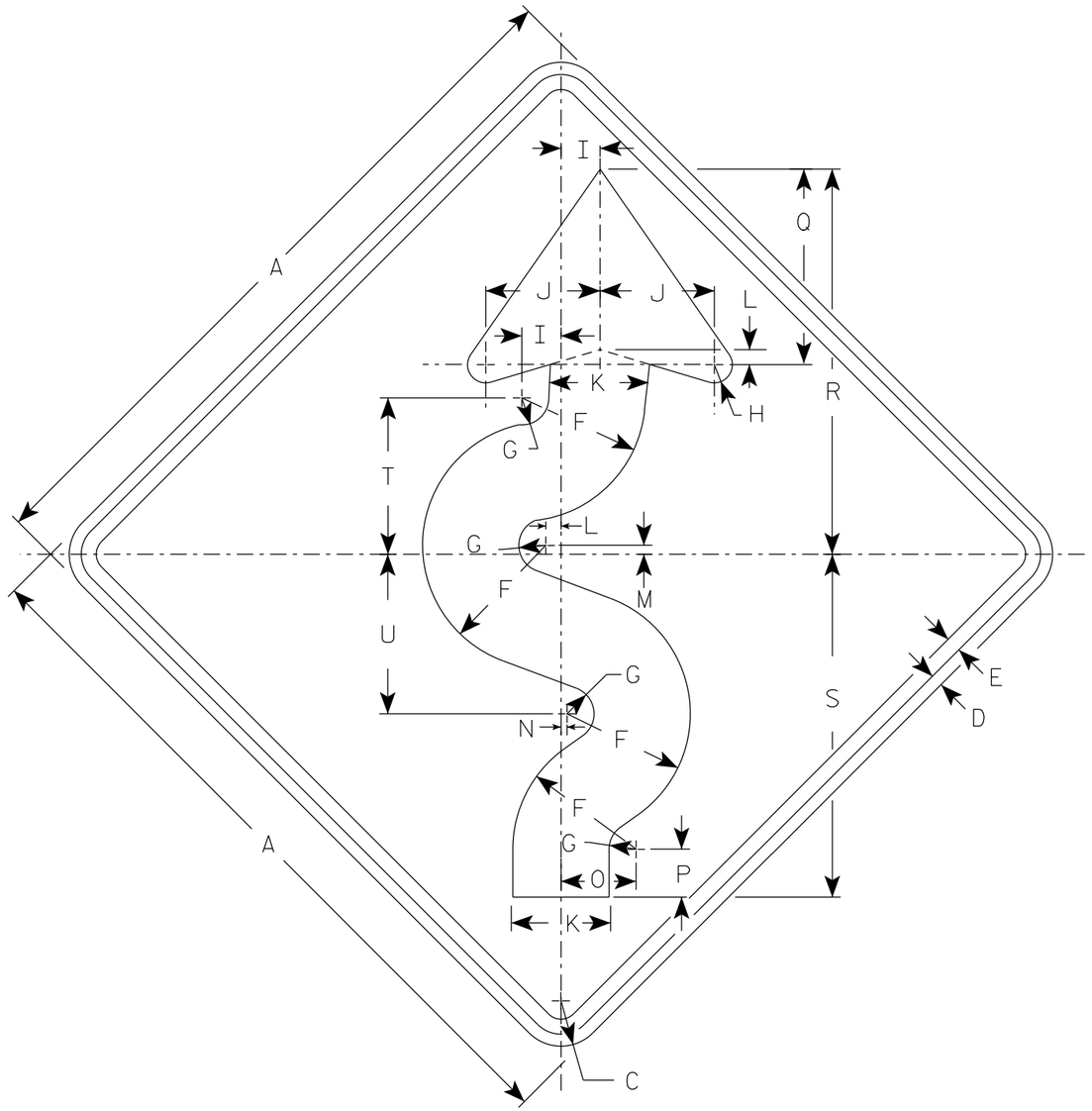
STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/2023 PLATE NO. W1-2.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 93	E



W1-5R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-5L is the same as W1-5R except the arrow is reversed along the vertical centerline.
4. If used with W13-1 of 30 MPH or less, use 36" sign for Size 2S.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	4 1/8	7/8	5/8	1 1/4	3 3/4	3 1/4	1/2	1/4	1/8	2 1/2	1 5/8	6 1/2	12 3/4	11 3/8	5 1/4	5 1/4						4.0
2S	30		1 7/8	1/2	5/8	5 1/8	1 1/8	3/4	1 5/8	4 3/4	4 1/8	5/8	3/8	1/4	3 1/8	2	8 1/8	16	14 1/4	6 1/2	6 5/8						6.25
2M	36		2 1/4	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
3	36		2 1/4	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
4	36		2 1/4	5/8	3/4	6 1/4	1 3/8	1	1 7/8	5 5/8	4 7/8	3/4	3/8	1/4	3 3/4	2 7/8	9 3/4	19 1/8	17 1/8	7 3/4	7 7/8						9.0
5	48		3	3/4	1	8 1/4	1 3/4	1 1/4	2 1/2	7 1/2	6 1/2	1	1/2	3/8	5	3 1/4	13	25 1/2	22 3/4	10 3/8	10 1/2						16.0

STANDARD SIGN
W1-5

WISCONSIN DEPT OF TRANSPORTATION

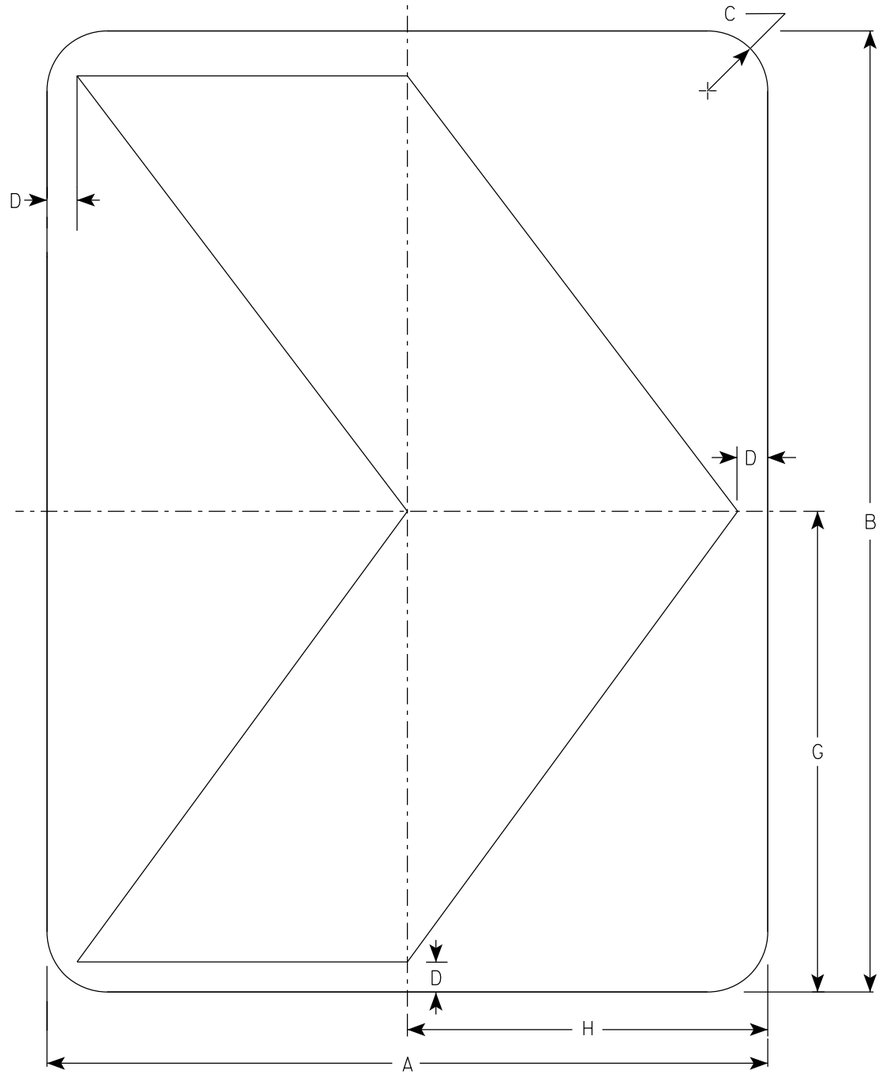
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/11/2023 PLATE NO. W1-5.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 94 E

7

7



W1-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	½			9	6																			1.5
2S	18	24	1 ½	¾			12	9																			3.0
2M	18	24	1 ½	¾			12	9																			3.0
3	24	30	1 ½	1			15	12																			5.0
4	30	36	1 ⅞	1 ¼			18	15																			7.5
5	36	48	1 ⅞	1 ½			24	18																			12.0

STANDARD SIGN

W1-8

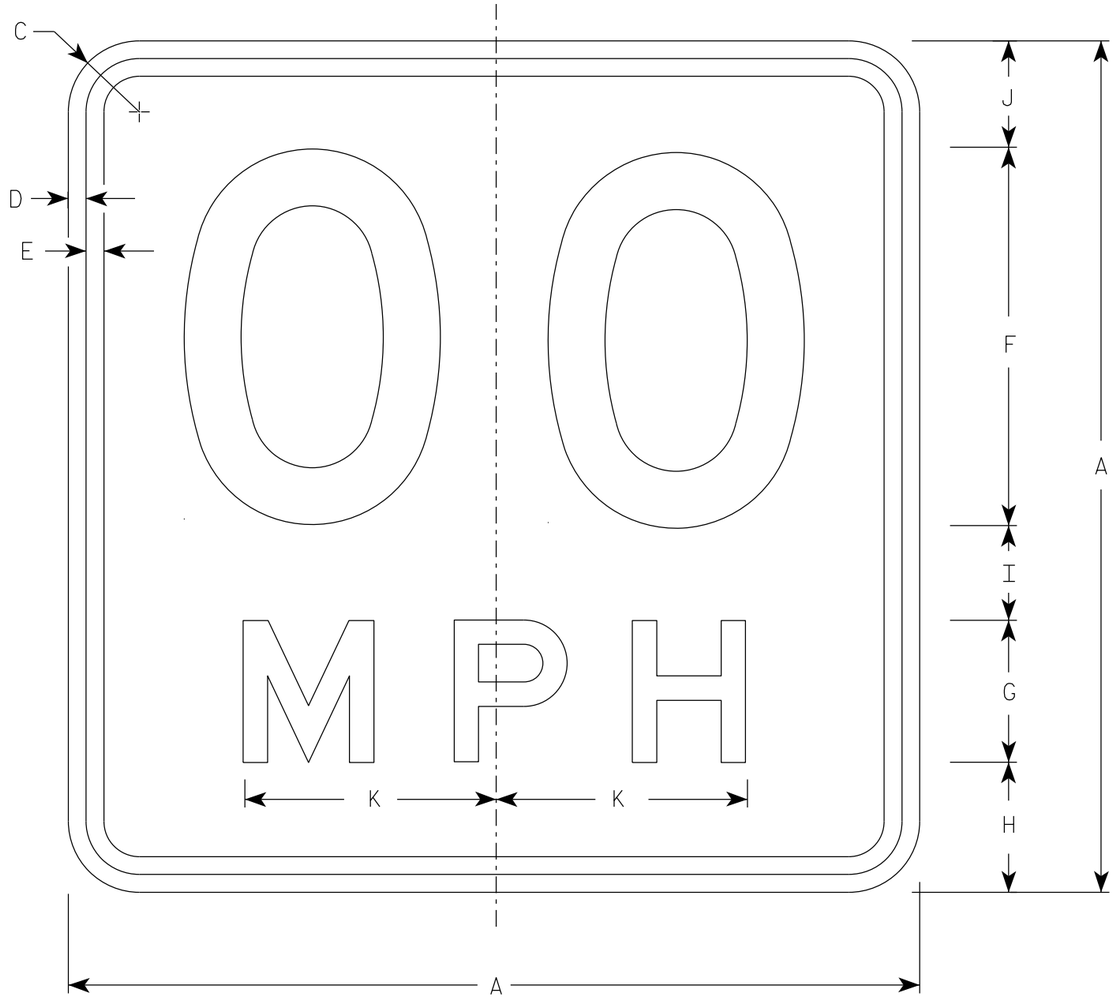
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/11/2023 PLATE NO. W1-8.7

PROJECT NO:

SHEET NO: 95 E



W13-1

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 5
4. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
5. Line 1 is Series D
   Line 2 is Series E

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2S	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2M	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
	3	24		1 1/2	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
	4	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
	5	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN
W13-1

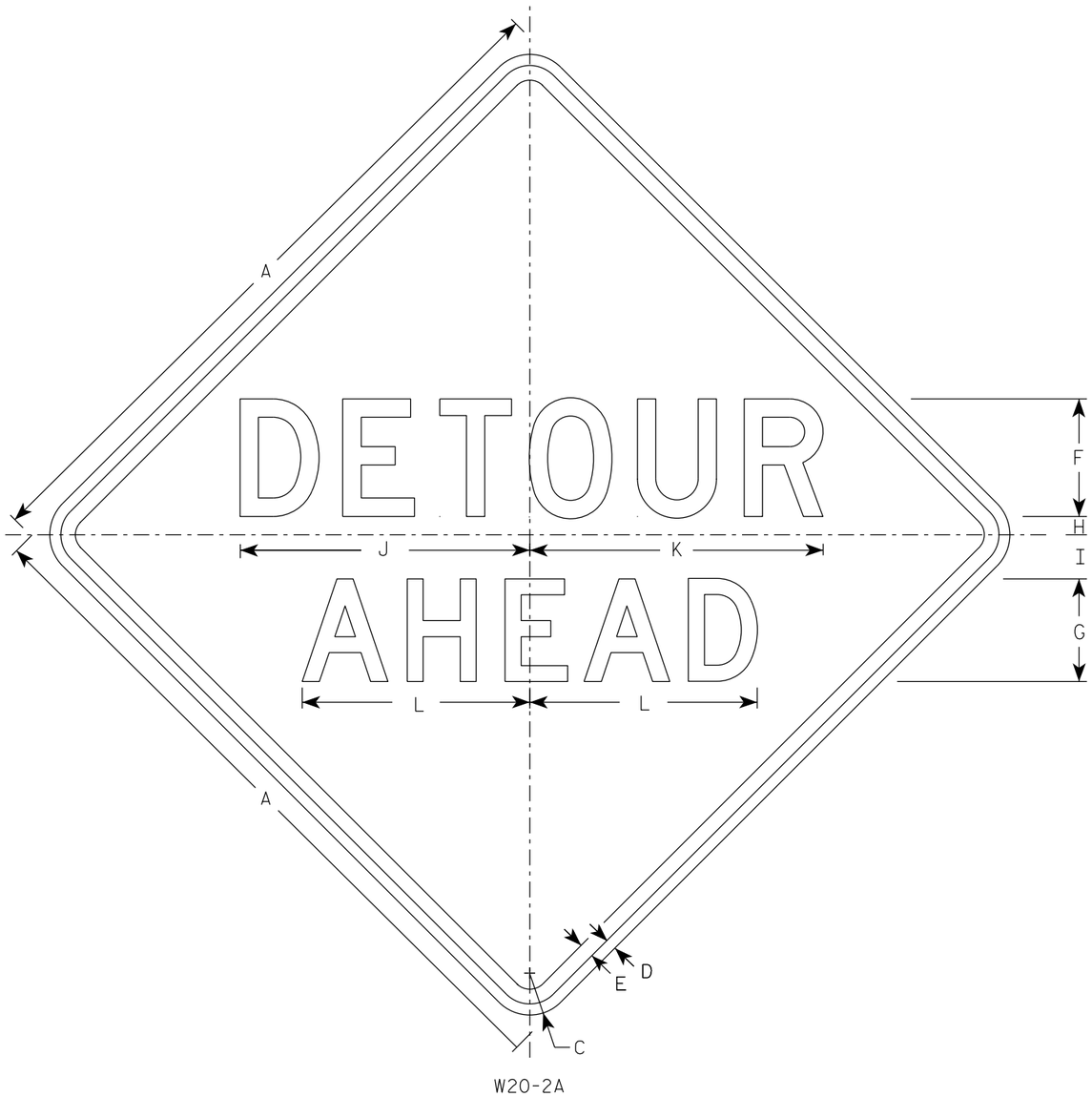
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

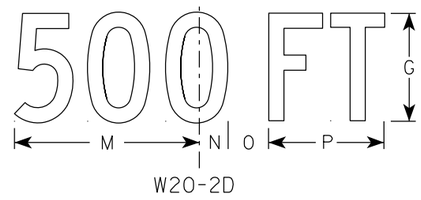
DATE 1/8/2024 PLATE NO. W13-1.17

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

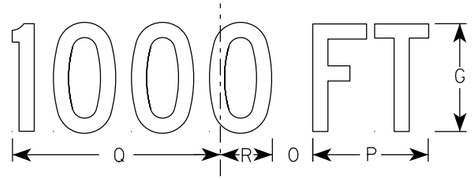
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W131.dgn PLOT DATE : 8-Jan 2024 11:07 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



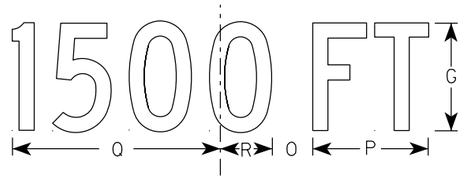
W20-2A



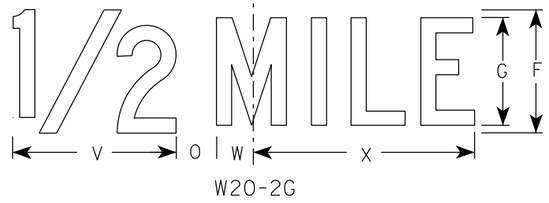
W20-2D



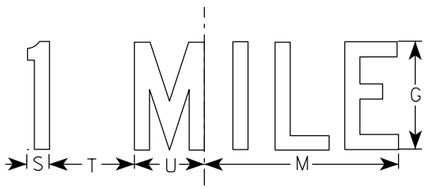
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

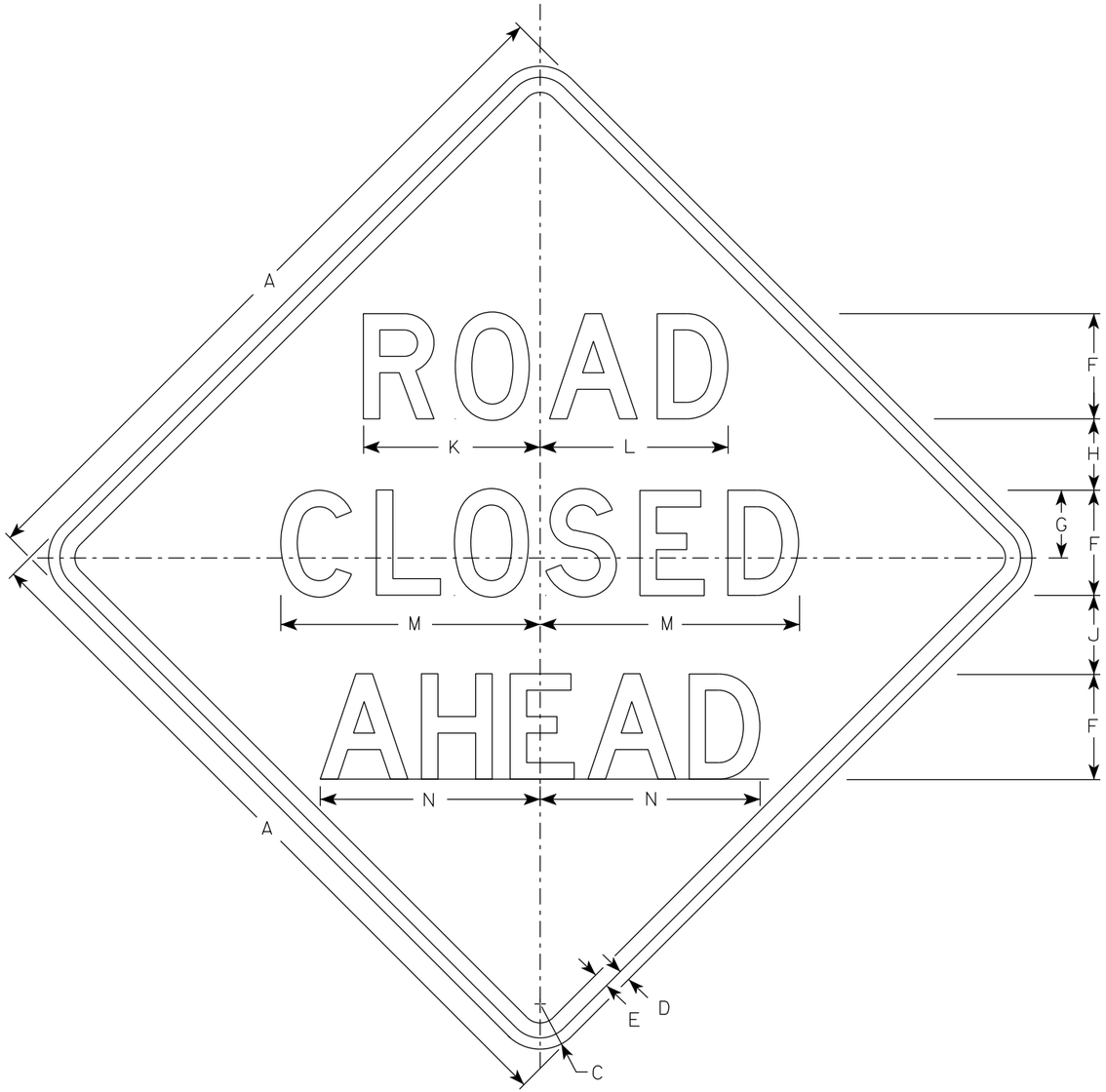
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

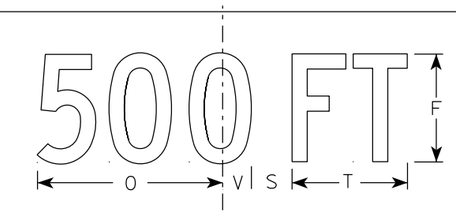
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

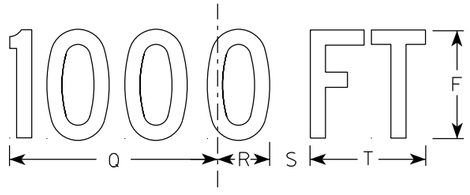
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



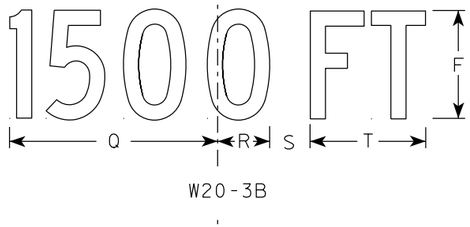
W20-3A



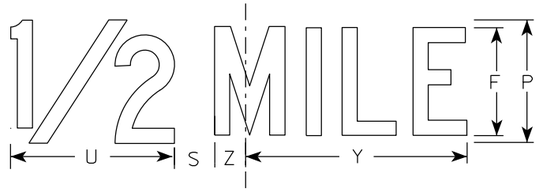
W20-3D



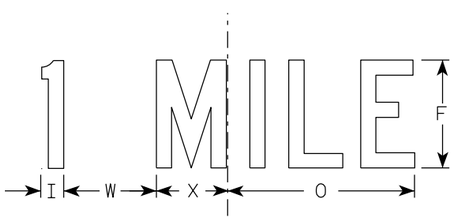
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

7

DIVISION 1 - ALI-STH 130

STATION	REAL STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)			
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.20	MASS ORDINATE
							NOTE 1	NOTE 2	NOTE 3		NOTE 1			NOTE 8
309+50.00	30950.00	0.00	0.22	0.00	24.03	0.00	0	0	0	0	0	0	0	0
309+73.53	30973.53	23.53	0.53	0.00	33.26	0.00	0	0	25	0	0	31	0	-31
310+00.00	31000.00	26.47	0.98	0.00	28.99	0.00	1	0	31	0	1	70	0	-69
310+23.50	31023.50	23.50	0.82	0.00	11.91	0.00	1	0	18	0	2	93	0	-91
310+50.00	31050.00	26.50	0.37	0.00	5.12	0.00	1	0	8	0	3	103	0	-100
311+00.00	31100.00	50.00	0.11	0.00	27.12	0.00	0	0	30	0	3	140	0	-137
311+50.00	31150.00	50.00	80.68	0.00	0.00	0.00	75	0	25	0	78	171	0	-93
311+71.57	31171.57	21.57	83.40	0.00	25.27	0.00	66	0	10	0	144	184	0	-40
312+00.00	31200.00	28.43	0.00	0.00	19.61	0.00	44	0	24	0	188	214	0	-26
312+50.00	31250.00	50.00	0.00	0.00	15.35	0.00	0	0	32	0	188	254	0	-66
313+00.00	31300.00	50.00	0.01	0.00	9.47	0.00	0	0	23	0	188	283	0	-95
313+50.00	31350.00	50.00	0.57	0.00	8.18	0.00	1	0	16	0	189	303	0	-114
314+00.00	31400.00	50.00	184.22	0.00	12.48	0.00	171	0	19	0	360	326	0	34
314+50.00	31450.00	50.00	180.92	0.00	9.71	0.00	338	0	21	0	698	353	0	346
315+00.00	31500.00	50.00	172.03	0.00	12.41	0.00	327	0	20	0	1025	378	0	648
315+50.00	31550.00	50.00	141.28	0.00	30.01	0.00	290	0	39	0	1315	426	0	889
316+00.00	31600.00	50.00	81.69	0.00	75.62	0.00	206	0	98	0	1521	549	0	972
316+50.00	31650.00	50.00	25.50	0.00	147.55	0.00	99	0	207	0	1620	808	0	813
317+00.00	31700.00	50.00	32.02	0.00	299.11	0.00	53	0	414	0	1673	1325	0	348
317+50.00	31750.00	50.00	34.25	0.00	751.17	0.00	61	0	972	0	1734	2540	0	-806
318+00.00	31800.00	50.00	21.77	0.00	1383.76	0.00	52	0	1977	0	1786	5011	0	-3225
318+50.00	31850.00	50.00	1.96	0.00	2055.34	0.00	22	0	3184	0	1808	8991	0	-7183
319+00.00	31900.00	50.00	0.00	0.00	2287.55	0.00	2	0	4021	0	1810	14018	0	-12208
319+50.00	31950.00	50.00	0.00	0.00	1478.56	0.00	0	0	3487	0	1810	18376	0	-16566
320+00.00	32000.00	50.00	0.00	0.00	620.91	0.00	0	0	1944	0	1810	20806	0	-18996
320+06.81	32006.81	6.81	0.00	0.00	462.79	0.00	0	0	137	0	1810	20978	0	-19168
320+50.00	32050.00	43.19	231.97	0.00	78.20	0.00	186	0	433	0	1996	21519	0	-19523
321+00.00	32100.00	50.00	299.35	0.00	15.67	246.82	492	0	87	229	2488	21284	275	-18796
321+50.00	32150.00	50.00	347.47	0.00	88.29	732.20	599	0	96	906	3087	20045	1362	-16958
321+88.80	32188.80	38.80	361.30	0.00	119.43	1109.98	509	0	149	1324	3596	18245	2951	-14649
322+00.00	32200.00	11.20	362.71	0.00	134.17	1170.69	150	0	53	473	3746	17602	3518	-13856
322+12.24	32212.24	12.24	367.21	0.00	150.35	1286.43	165	0	64	557	3911	16847	4187	-12936
322+38.77	32238.77	26.53	372.01	0.00	167.34	1480.63	363	0	156	1359	4274	15003	5818	-10729
322+50.00	32250.00	11.23	374.81	0.00	171.75	1557.01	155	0	71	632	4429	14144	6576	-9715
323+00.00	32300.00	50.00	378.81	0.00	182.64	1747.68	698	0	328	3060	5127	9964	10248	-4837

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 5770-02-72 | HWY: STH 130 | COUNTY: IOWA | EARTHWORK DATA | SHEET 99 | E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 01

PLOT DATE : 7/16/2026 12:00 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

DIVISION 1 - ALI-STH 130

STATION	REAL STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)			
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.20	MASS ORDINATE
							NOTE 1	NOTE 2	NOTE 3		NOTE 1			NOTE 8
323+50.00	32350.00	50.00	374.94	0.00	224.93	1780.99	698	0	377	3267	5825	5535	14168	291
324+00.00	32400.00	50.00	381.87	0.00	256.20	1837.08	701	0	445	3350	6526	1066	18188	5460
324+50.00	32450.00	50.00	376.95	0.00	450.49	1881.86	703	0	654	3443	7229	-3281	22320	10510
325+00.00	32500.00	50.00	370.61	0.00	395.69	1855.47	692	0	783	3460	7921	-7493	26472	15414
325+50.00	32550.00	50.00	379.30	0.00	3.58	1602.95	694	0	370	3202	8615	-11833	30314	20448
326+00.00	32600.00	50.00	360.70	0.00	0.00	1224.10	685	0	3	2618	9300	-15756	33456	25056
326+50.00	32650.00	50.00	346.69	0.00	0.00	1130.10	655	0	0	2180	9955	-19026	36072	28981
327+00.00	32700.00	50.00	310.18	0.00	0.00	585.23	608	0	0	1588	10563	-21408	37978	31971
327+50.00	32750.00	50.00	210.03	0.00	11.39	223.67	482	0	11	749	11045	-22518	38876	33563
328+00.00	32800.00	50.00	263.60	0.00	0.00	297.32	439	0	11	482	11484	-23227	39455	34711
328+23.53	32823.53	23.53	237.05	0.00	0.00	281.25	218	0	0	252	11702	-23605	39757	35307
328+48.52	32848.52	24.99	209.28	0.00	0.30	236.95	207	0	0	240	11909	-23965	40045	35874
328+50.00	32850.00	1.48	207.36	0.00	0.45	236.07	11	0	0	13	11920	-23985	40061	35905
328+73.50	32873.50	23.50	524.05	0.00	0.42	0.00	318	0	0	103	12238	-24139	40184	36377
329+00.00	32900.00	26.50	553.97	0.00	2.07	0.00	529	0	1	0	12767	-24138	40184	36905
329+50.00	32950.00	50.00	400.94	0.00	7.16	0.00	884	0	9	0	13651	-24127	40184	37778
330+00.00	33000.00	50.00	121.91	0.00	13.66	0.00	484	0	19	0	14135	-24103	40184	38238
330+50.00	33050.00	50.00	35.38	0.00	73.49	0.00	146	0	81	0	14281	-24002	40184	38283
331+00.00	33100.00	50.00	30.42	0.00	40.60	0.00	61	0	106	0	14342	-23869	40184	38211
331+50.00	33150.00	50.00	2.13	0.00	13.92	0.00	30	0	50	0	14372	-23807	40184	38179
332+00.00	33200.00	50.00	0.95	0.00	20.13	0.00	3	0	32	0	14375	-23767	40184	38142
332+50.00	33250.00	50.00	0.02	0.00	42.45	0.00	1	0	58	0	14376	-23694	40184	38070
332+91.85	33291.85	41.85	0.98	0.00	23.77	0.00	1	0	51	0	14377	-23631	40184	38008
333+00.00	33300.00	8.15	0.30	0.00	14.47	0.00	0	0	6	0	14377	-23623	40184	38000
333+15.75	33315.75	15.75	0.40	0.00	37.58	0.00	0	0	15	0	14377	-23604	40184	37981
333+39.52	33339.52	23.77	0.15	0.00	24.42	0.00	0	0	27	0	14377	-23571	40184	37948
333+50.00	33350.00	10.48	0.32	0.00	14.52	0.00	0	0	8	0	14377	-23561	40184	37938

DIVISION 1 - ALI-130 DRIVEWAY

STATION	REAL STATION	DISTANCE	AREA (SF)				INCREMENTAL VOL (CY) (UNADJUSTED)				CUMULATIVE VOL (CY)			
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.20	MASS ORDINATE
							NOTE 1	NOTE 2	NOTE 3		NOTE 1			NOTE 8
100+50.00	10050.00	0.00	223.09	0.00	0.49	0.00	0	0	0	0	0	0	0	0
101+00.00	10100.00	50.00	67.32	0.00	52.42	0.00	269	0	49	0	269	61	0	208
101+25.00	10125.00	25.00	22.75	0.00	130.66	0.00	42	0	85	0	311	168	0	144
101+34.90	10134.90	9.90	3.10	0.00	147.78	0.00	5	0	51	0	316	231	0	85
101+50.00	10150.00	15.10	2.57	0.00	150.02	0.00	2	0	83	0	318	335	0	-17
101+57.70	10157.70	7.70	3.56	0.00	136.76	0.00	1	0	41	0	319	386	0	-67

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

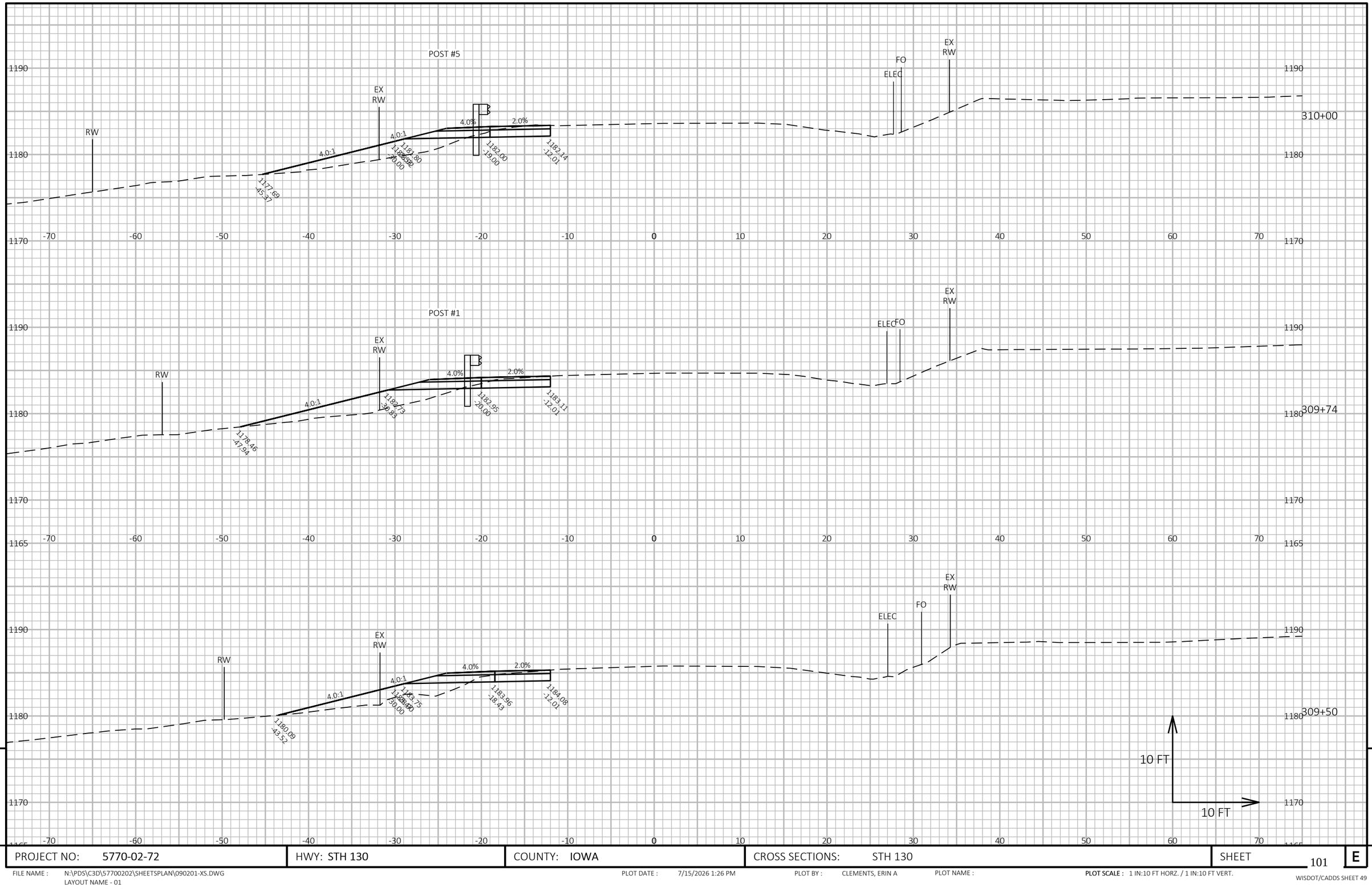
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9

PROJECT NO: 5770-02-72 | HWY: STH 130 | COUNTY: IOWA | EARTHWORK DATA | SHEET 100 | E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 02

PLOT DATE : 7/16/2026 12:00 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1" = 1'



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 101	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 01

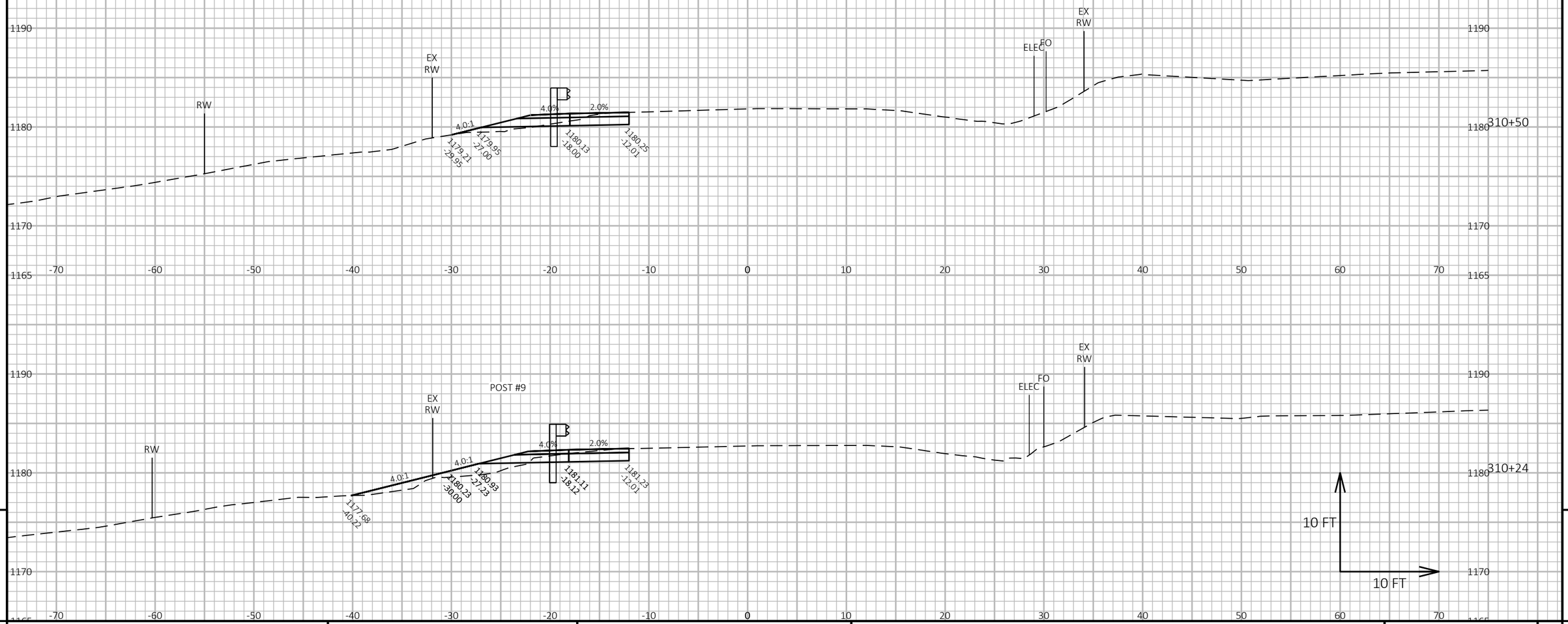
PLOT DATE : 7/15/2026 1:26 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 102	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 02

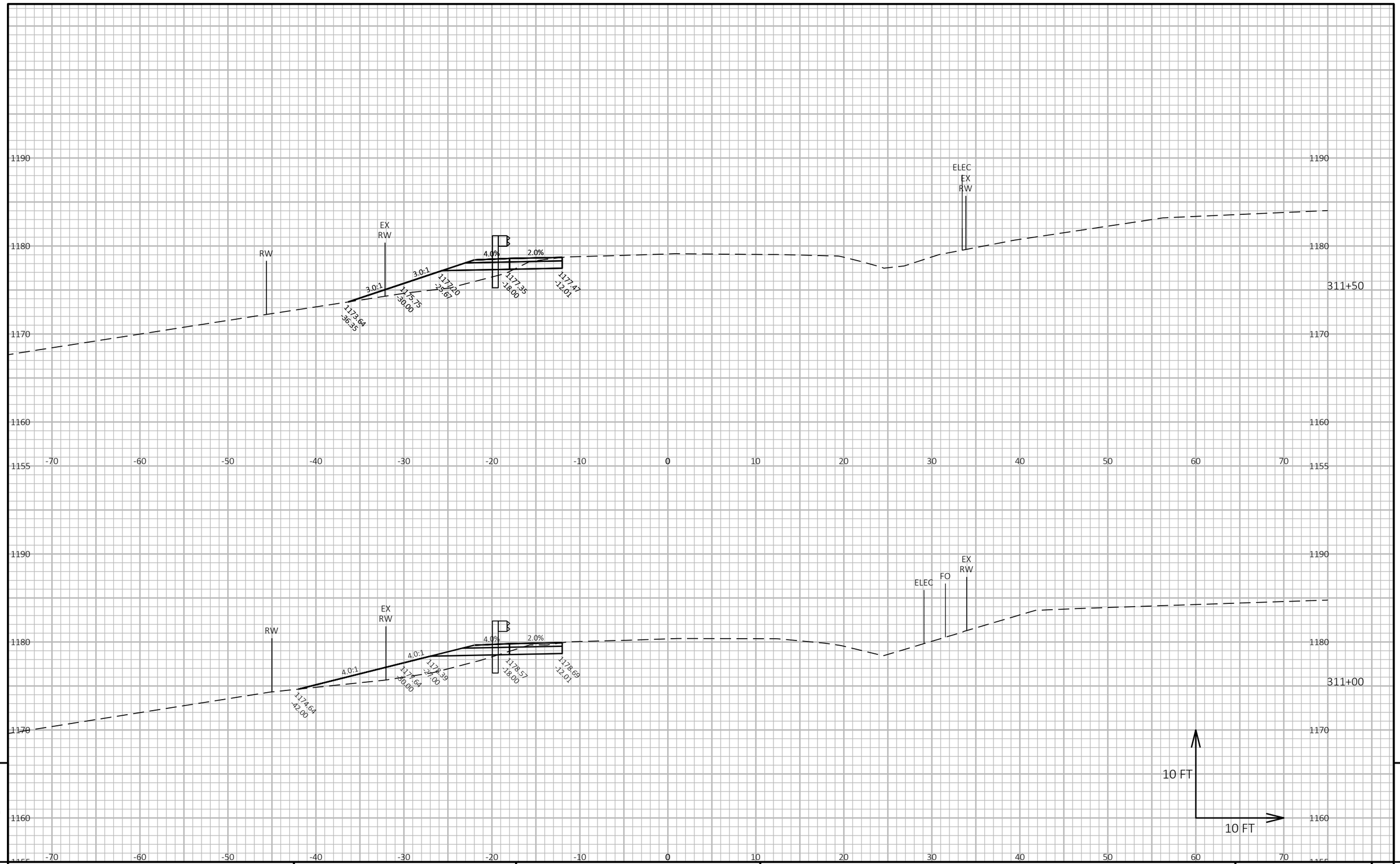
PLOT DATE : 7/15/2026 1:26 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 103	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 03

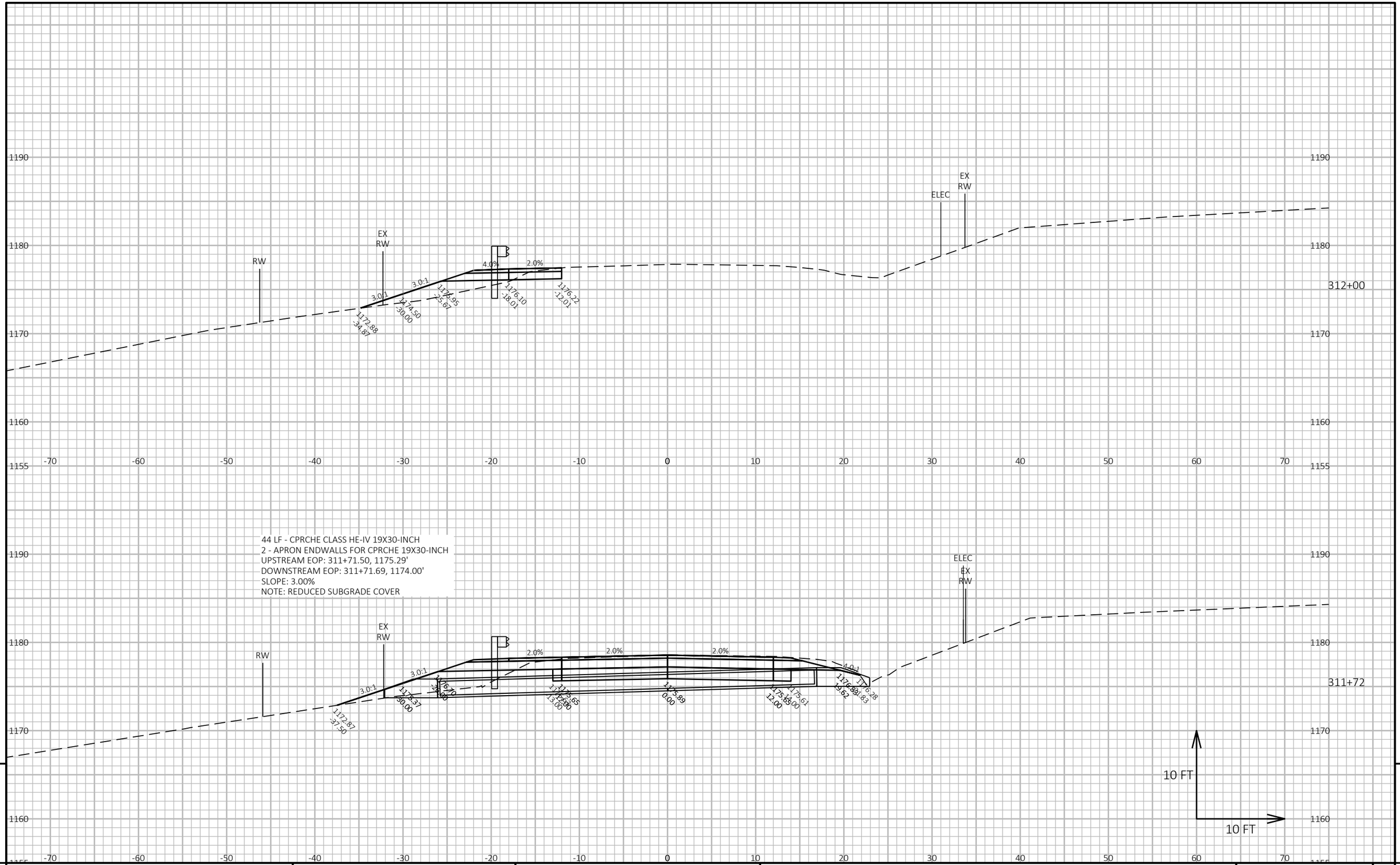
PLOT DATE : 7/15/2026 1:26 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



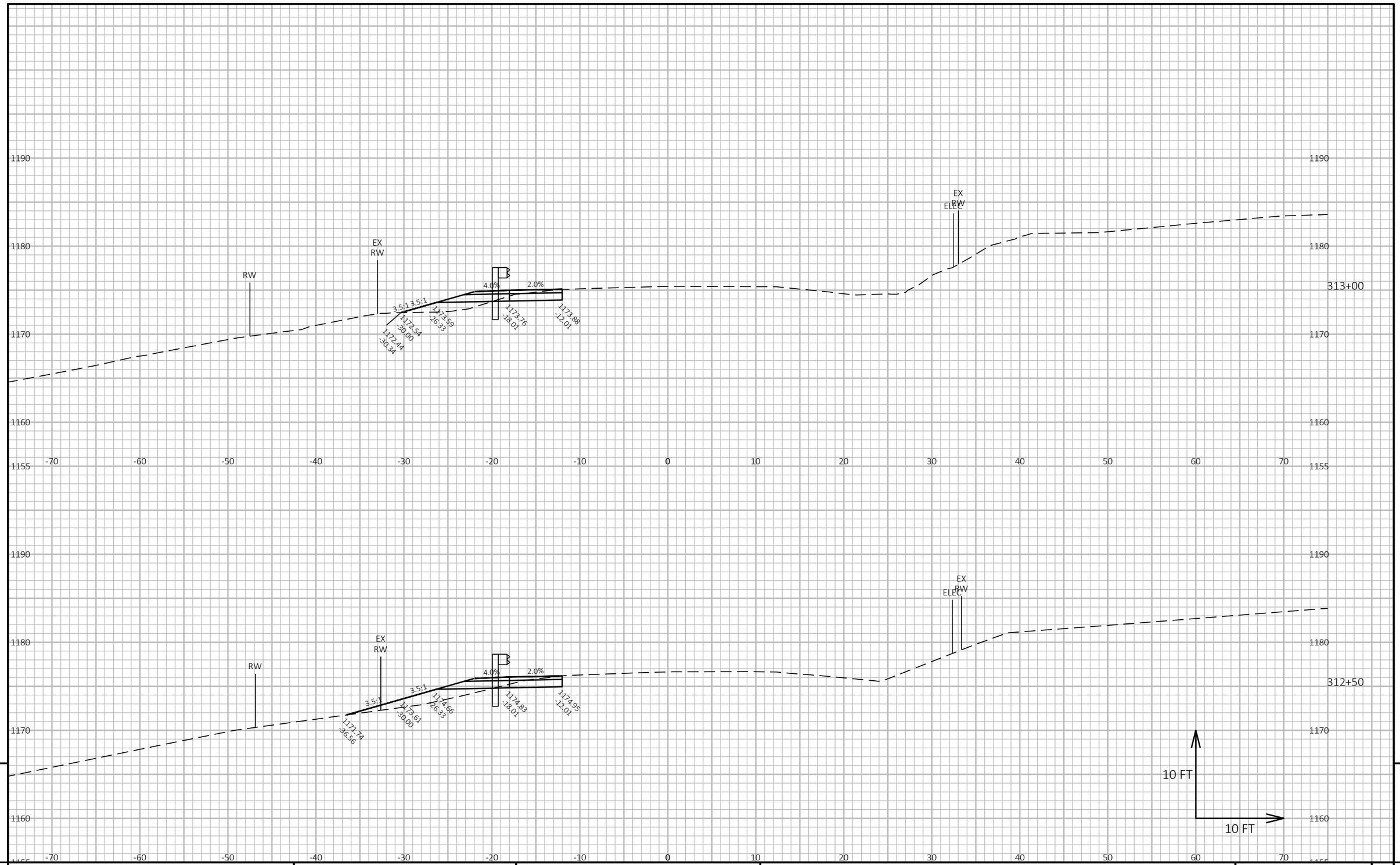
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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 104	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/15/2026 1:26 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 105	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 05

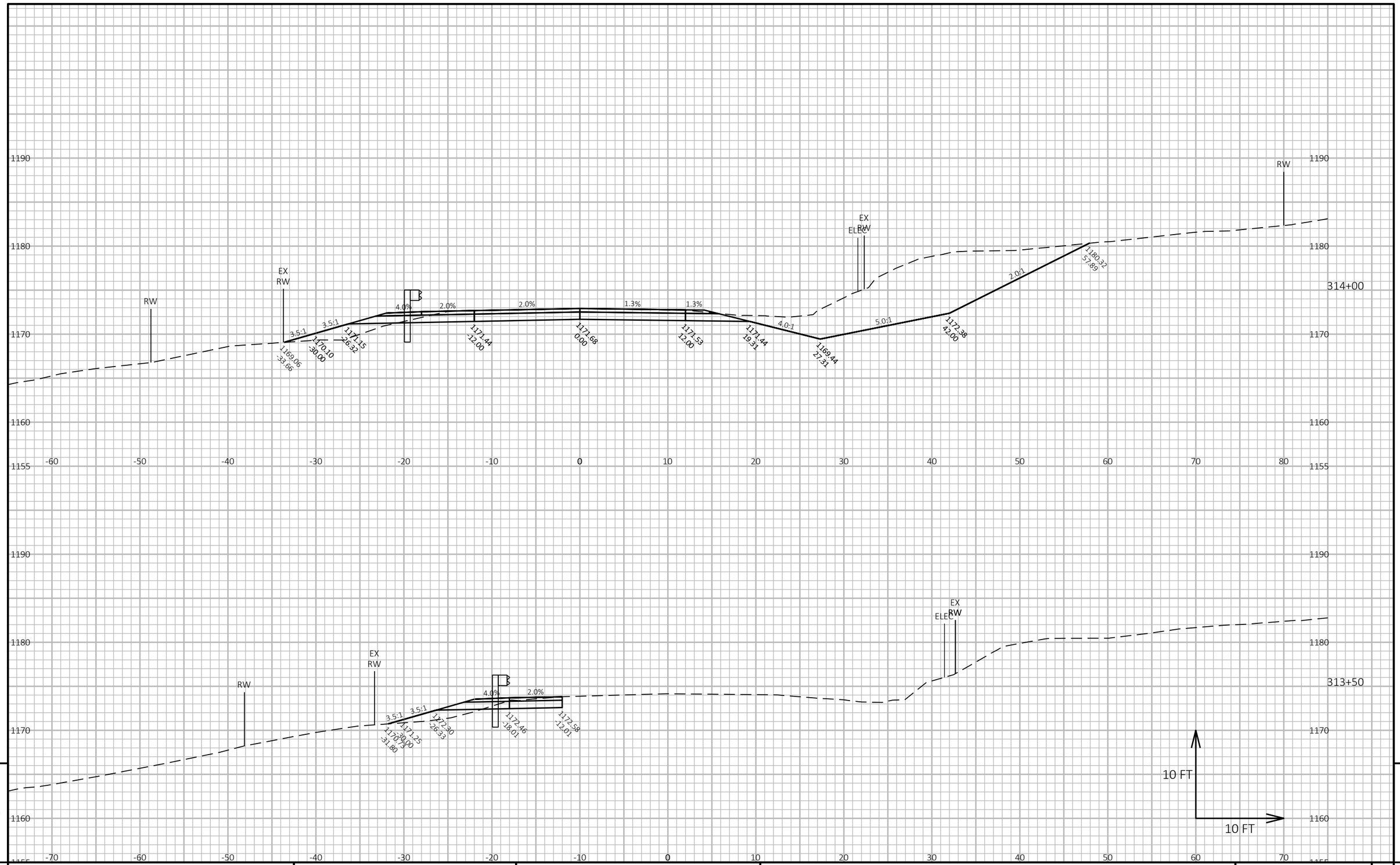
PLOT DATE : 7/15/2026 1:27 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 106	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 06

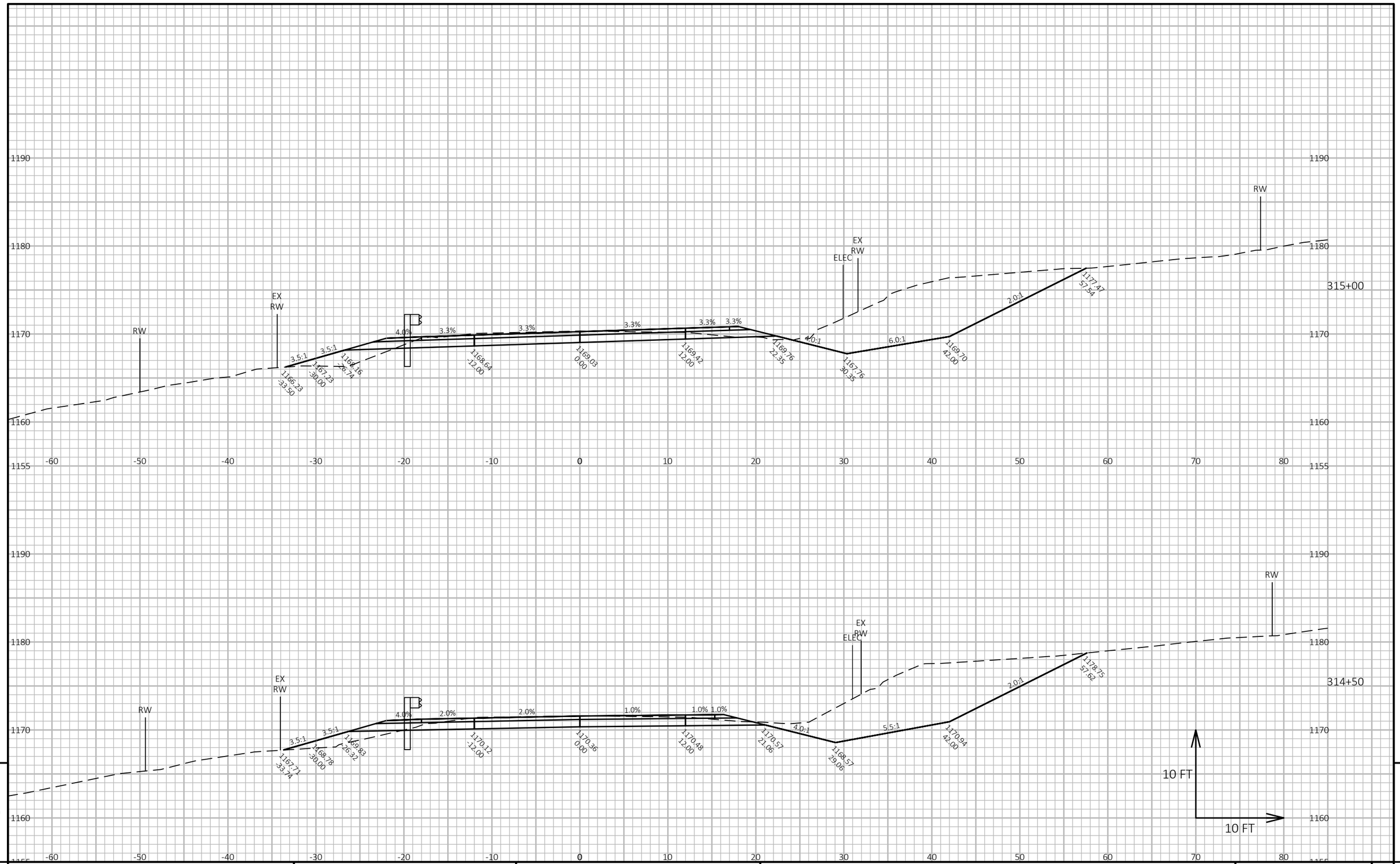
PLOT DATE : 7/15/2026 1:27 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 107	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 07

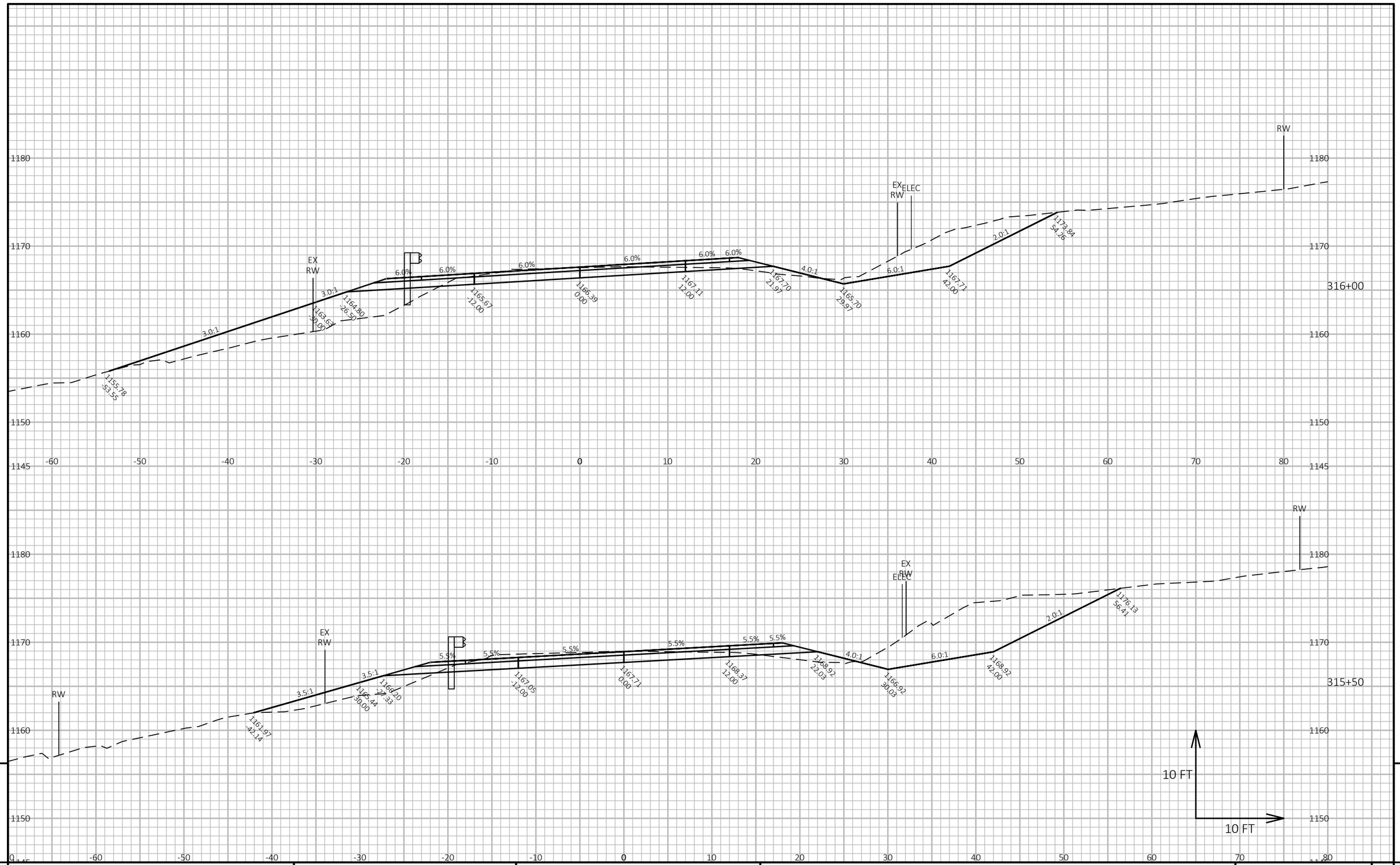
PLOT DATE : 7/15/2026 1:27 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 108	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 08

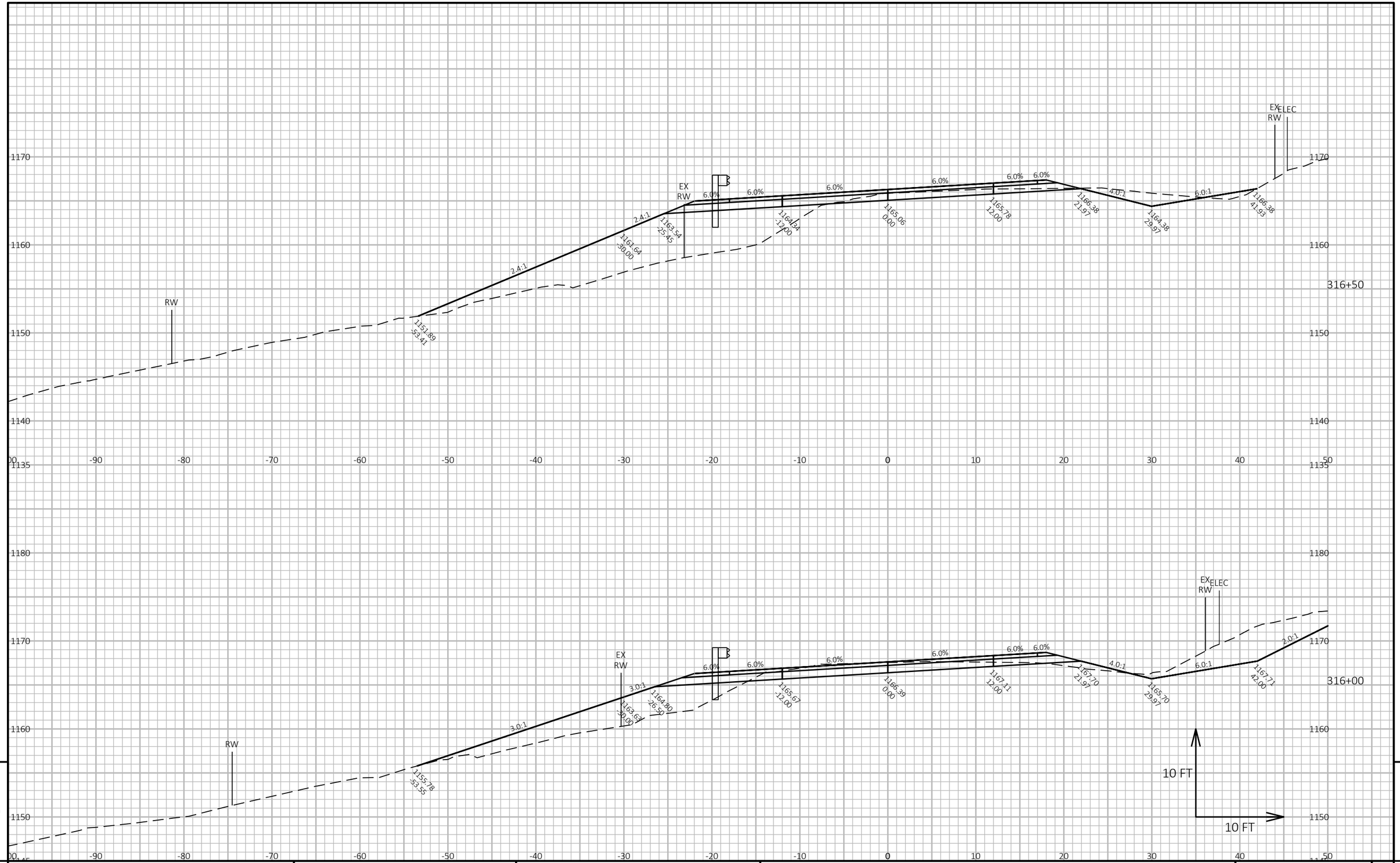
PLOT DATE : 7/15/2026 1:27 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 109	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 09

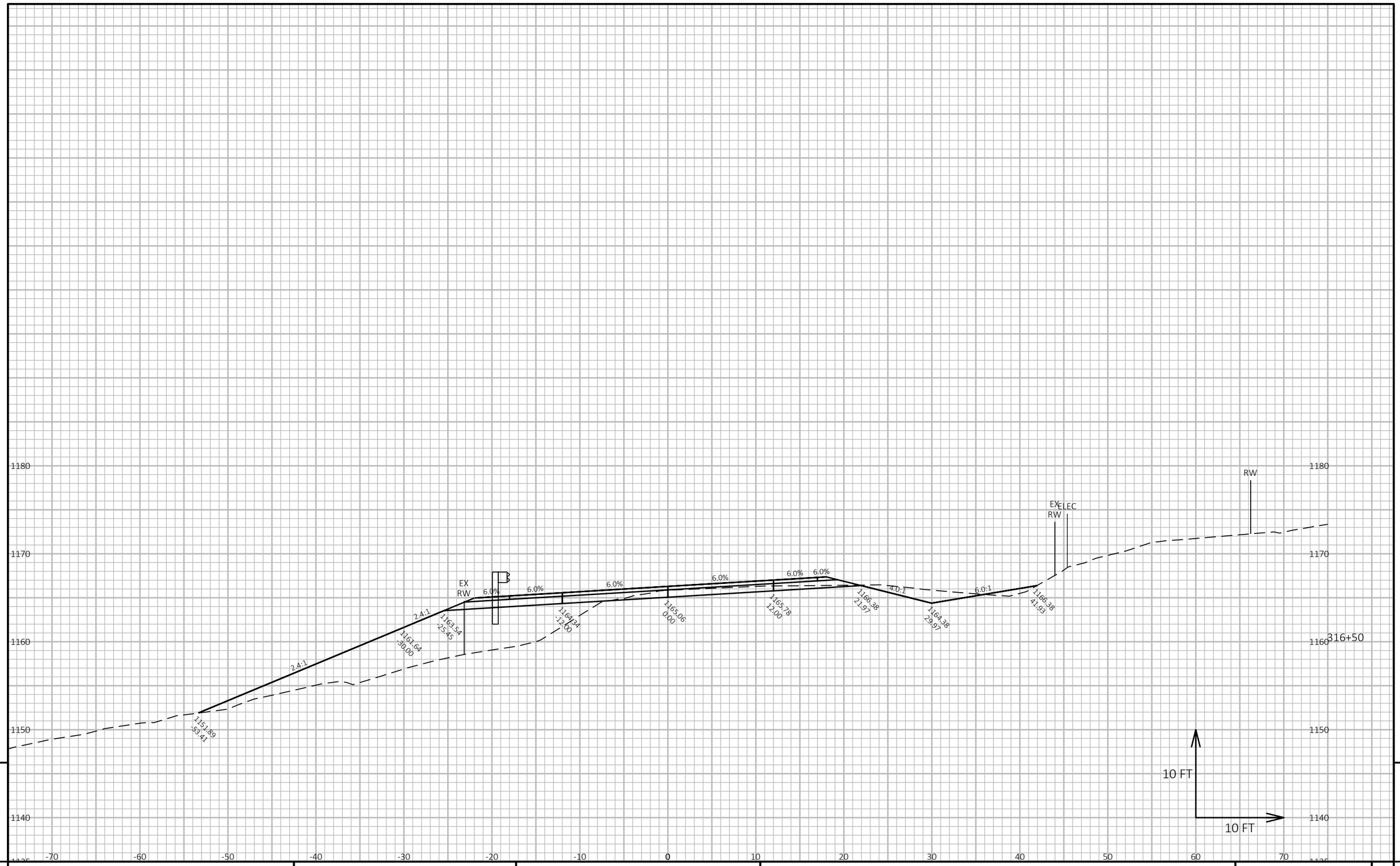
PLOT DATE : 7/15/2026 1:27 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 110	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 10

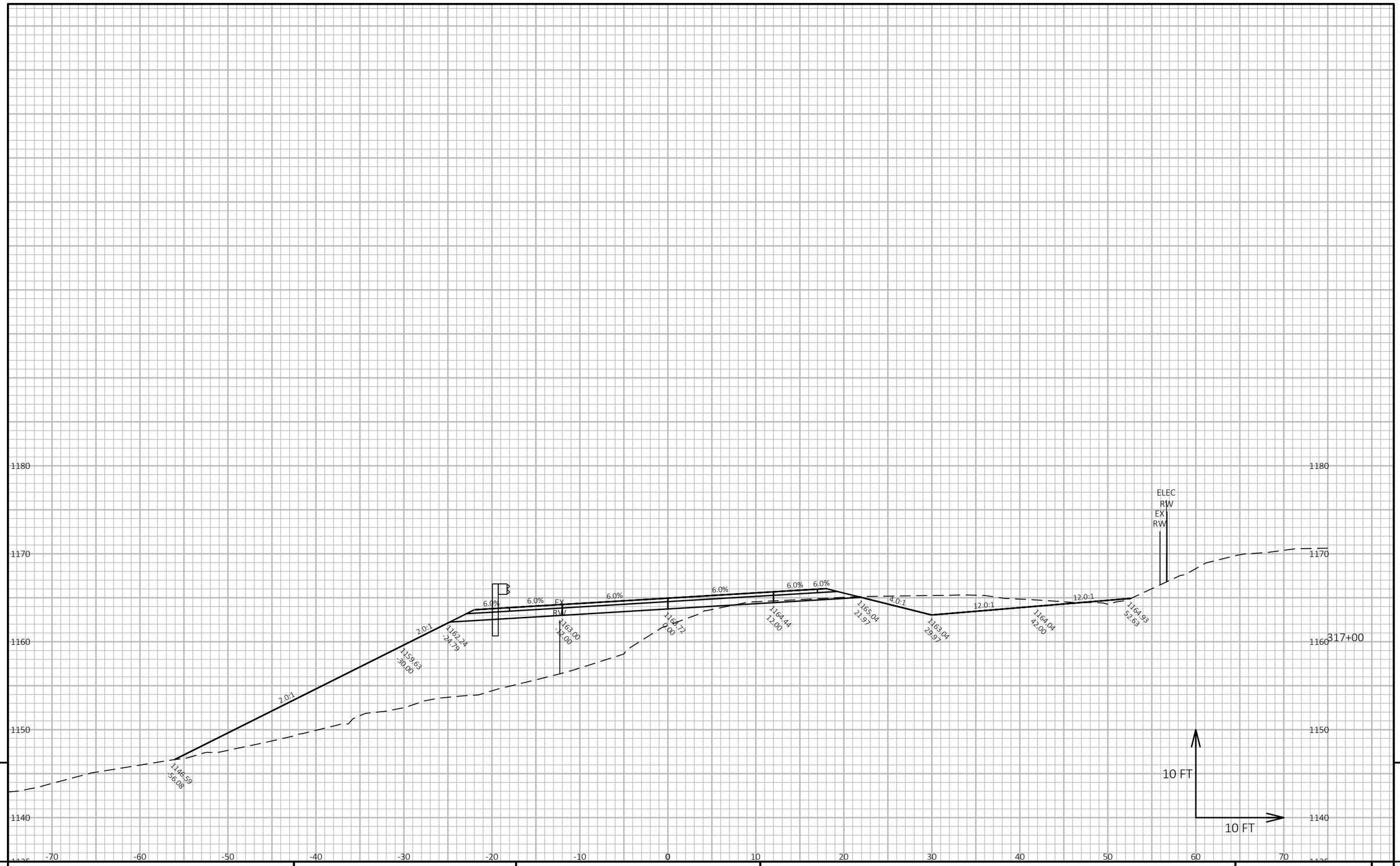
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PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 111	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 11

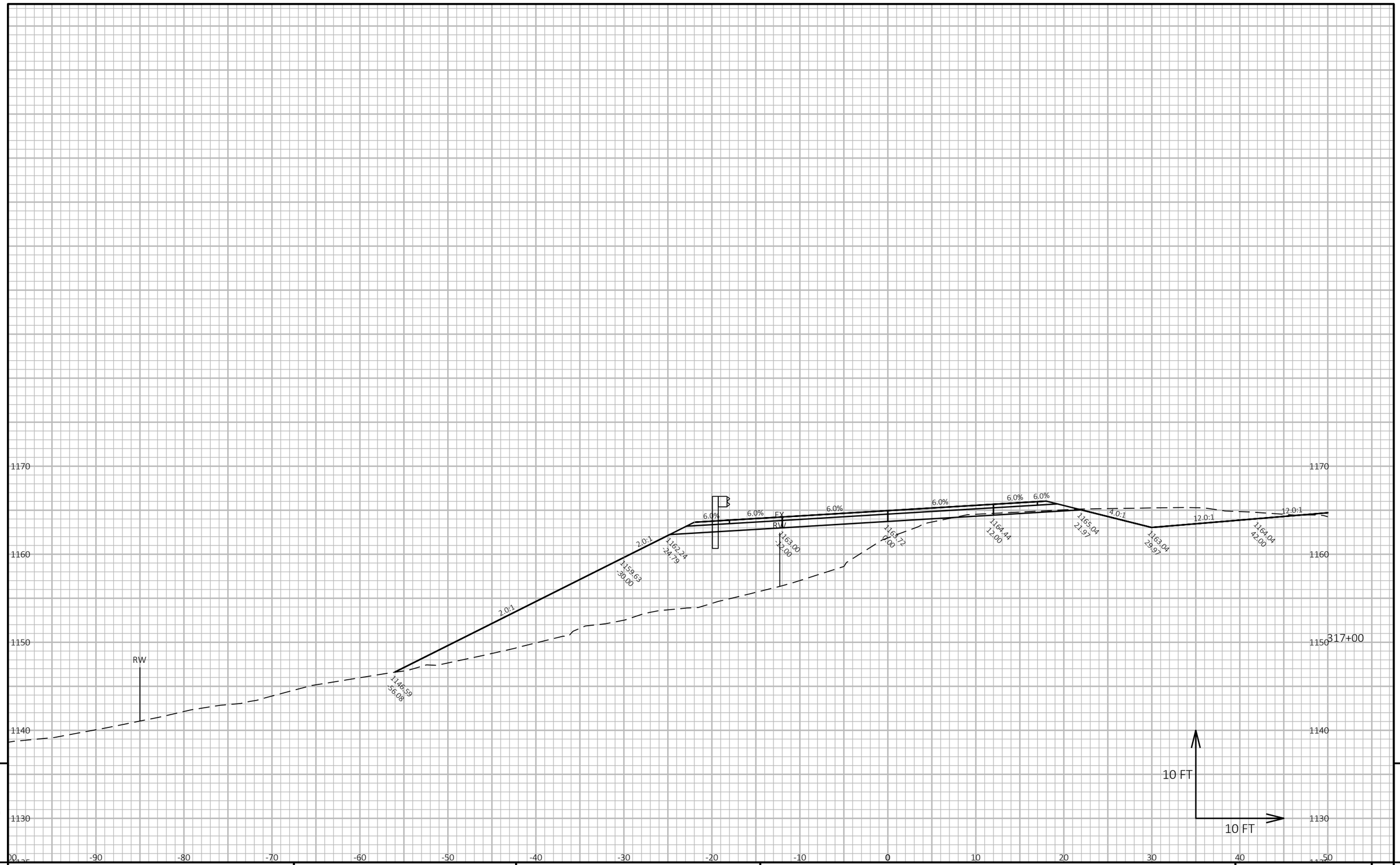
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PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 112	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 12

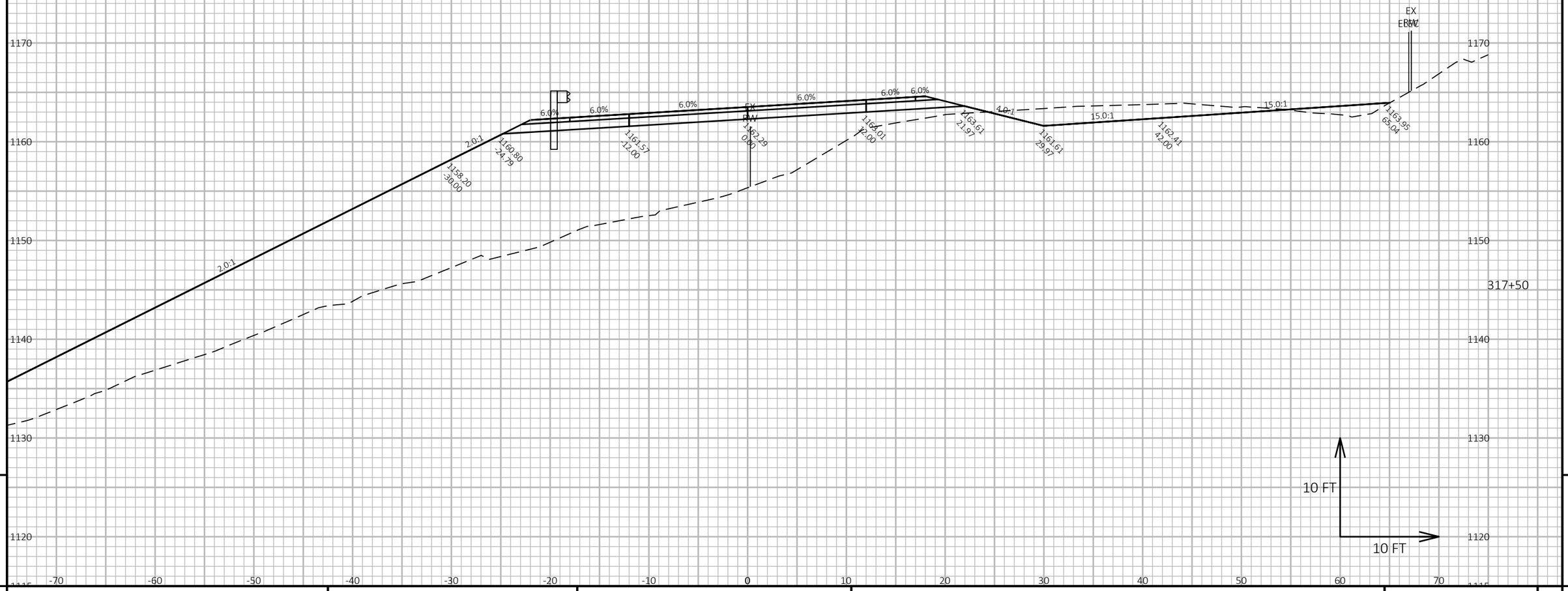
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 113	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 13

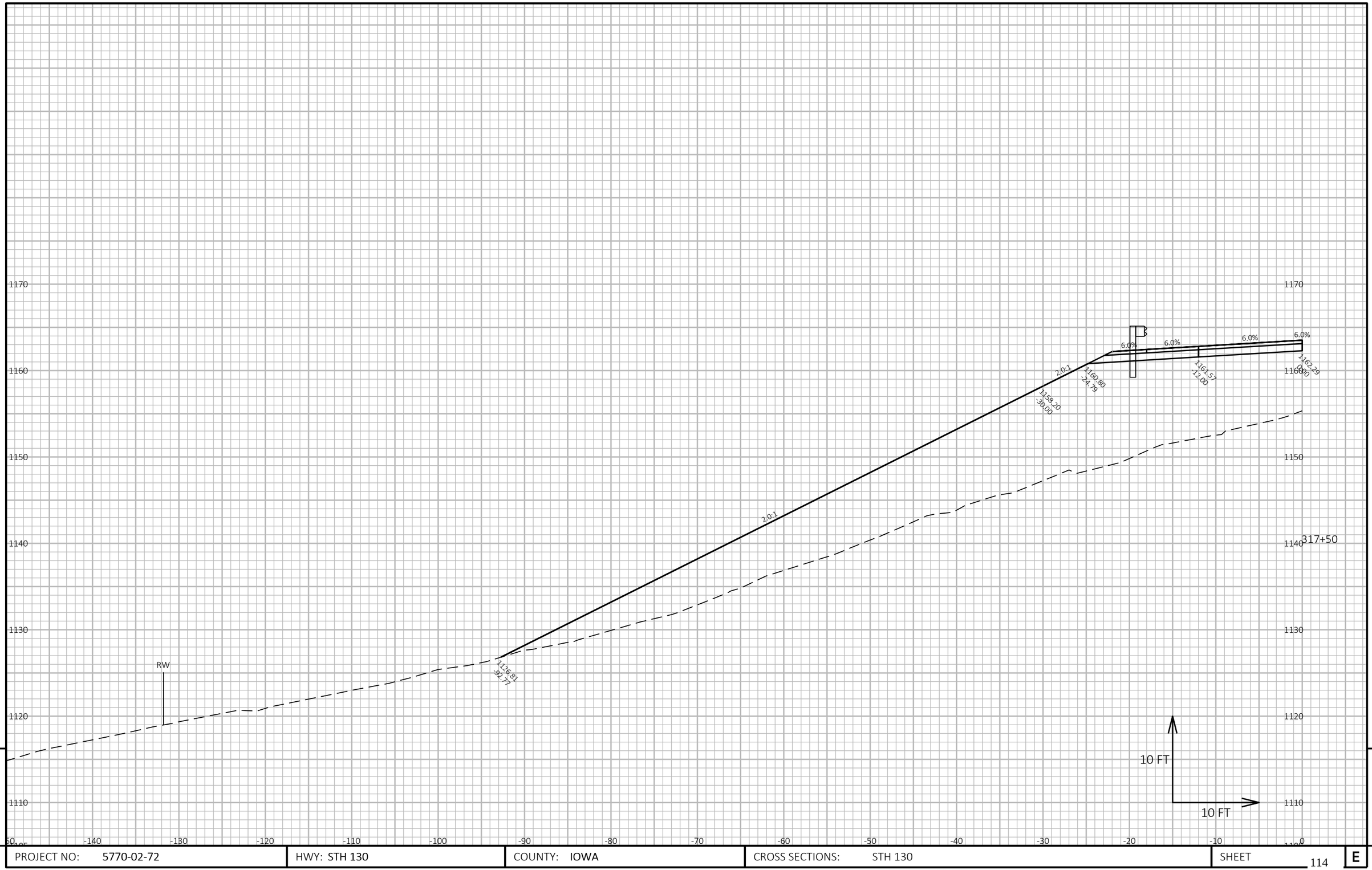
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 114	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 14

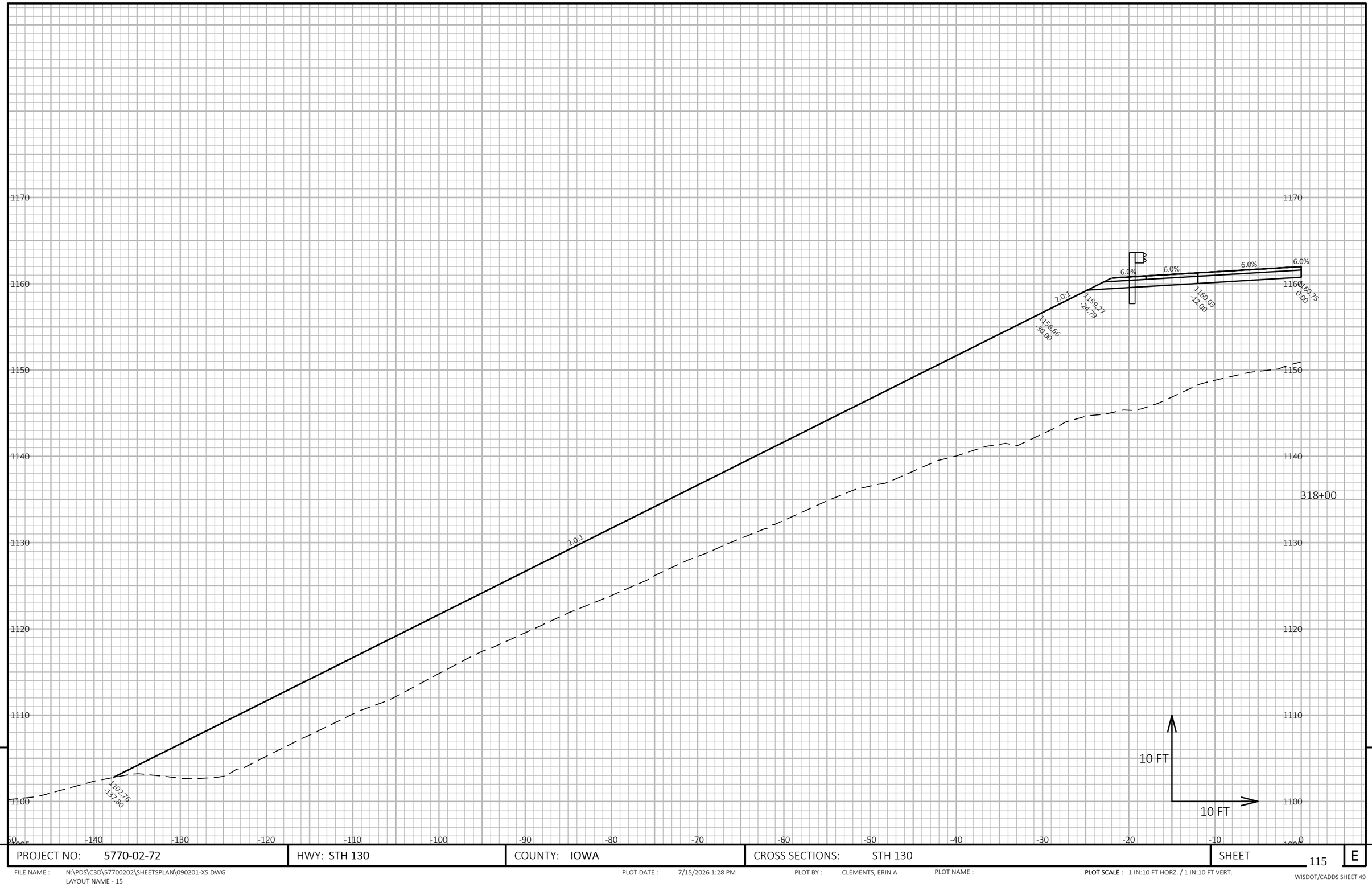
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 115	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 15

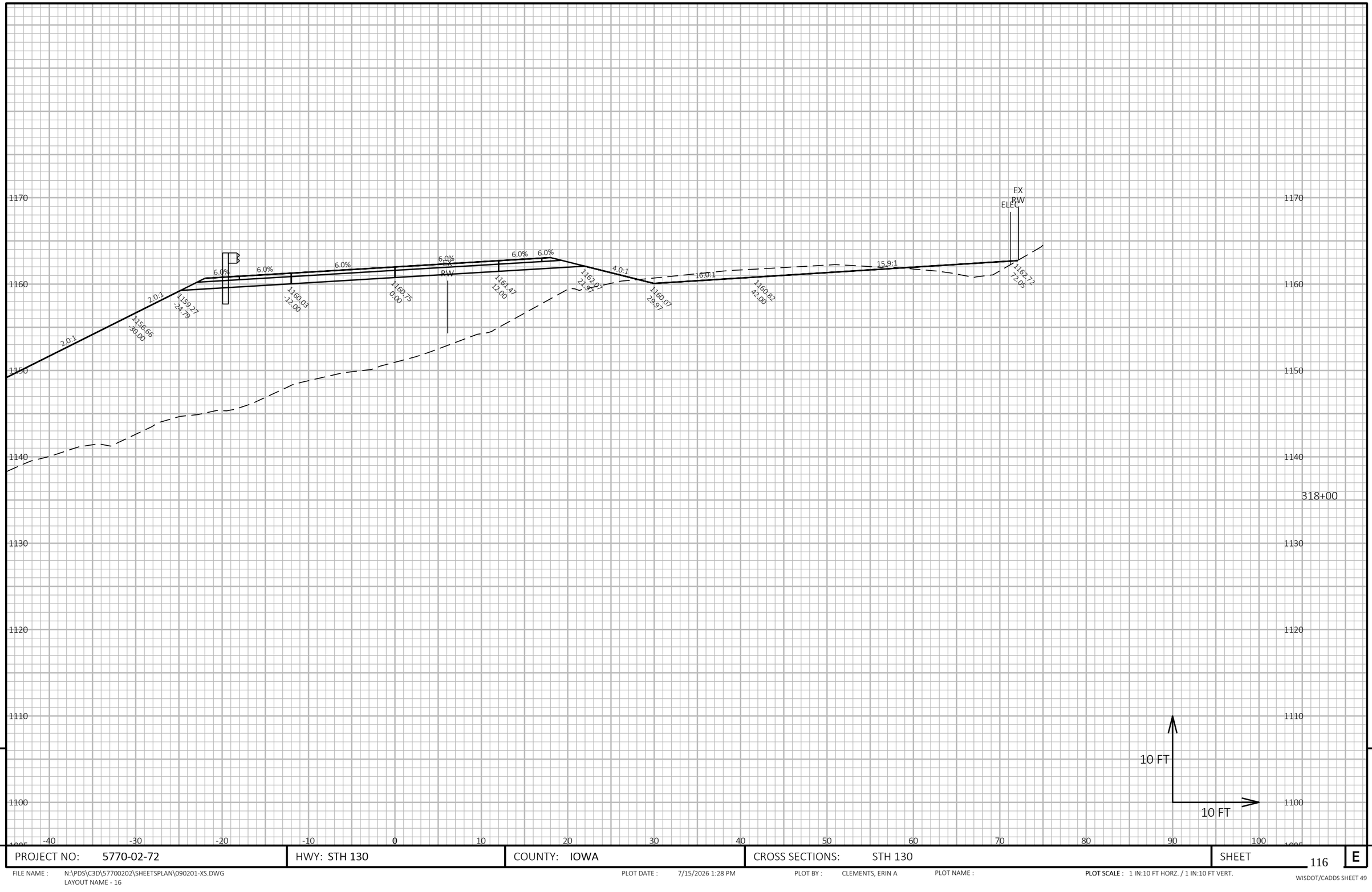
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 116	E

9

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 16

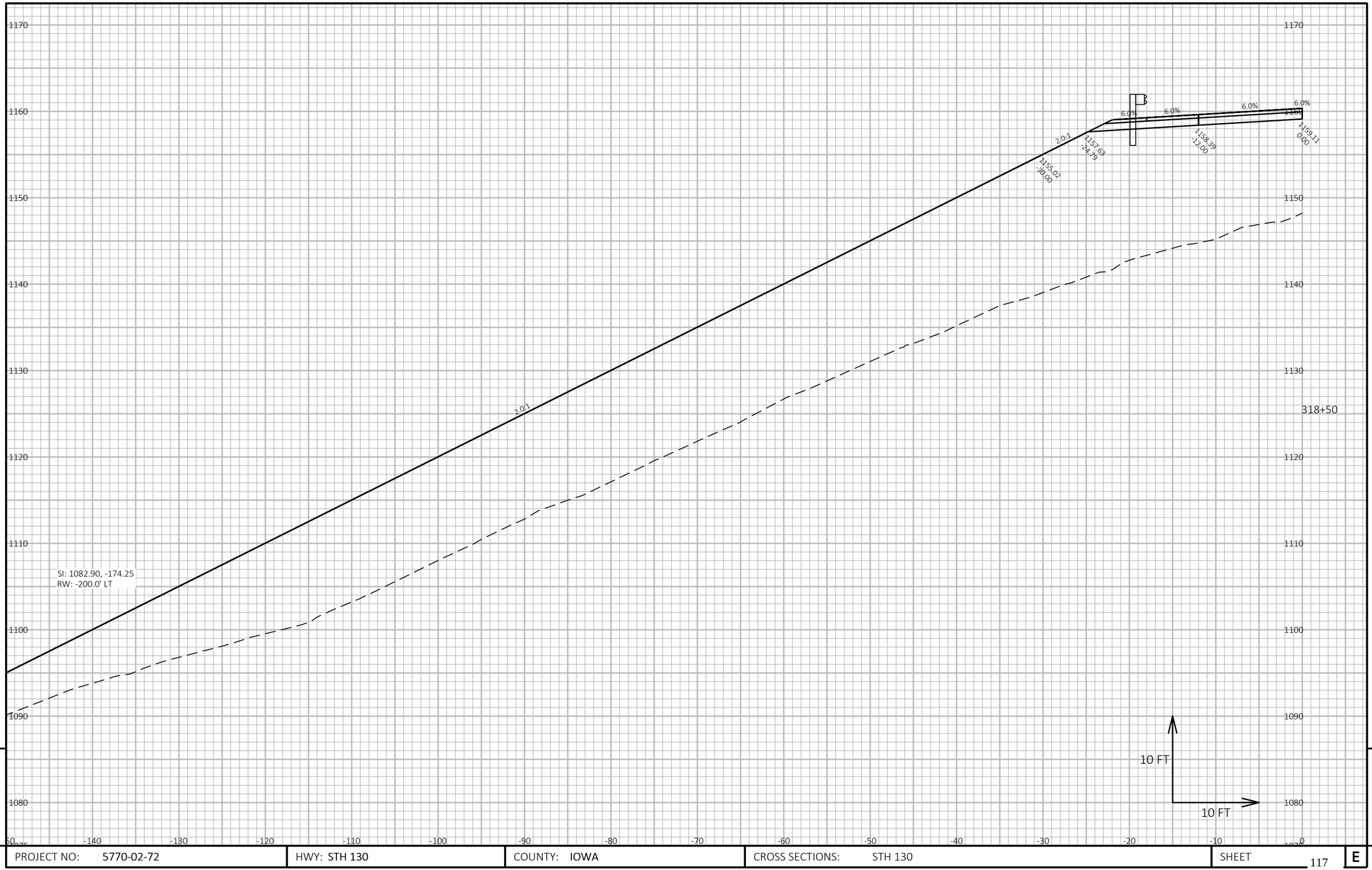
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

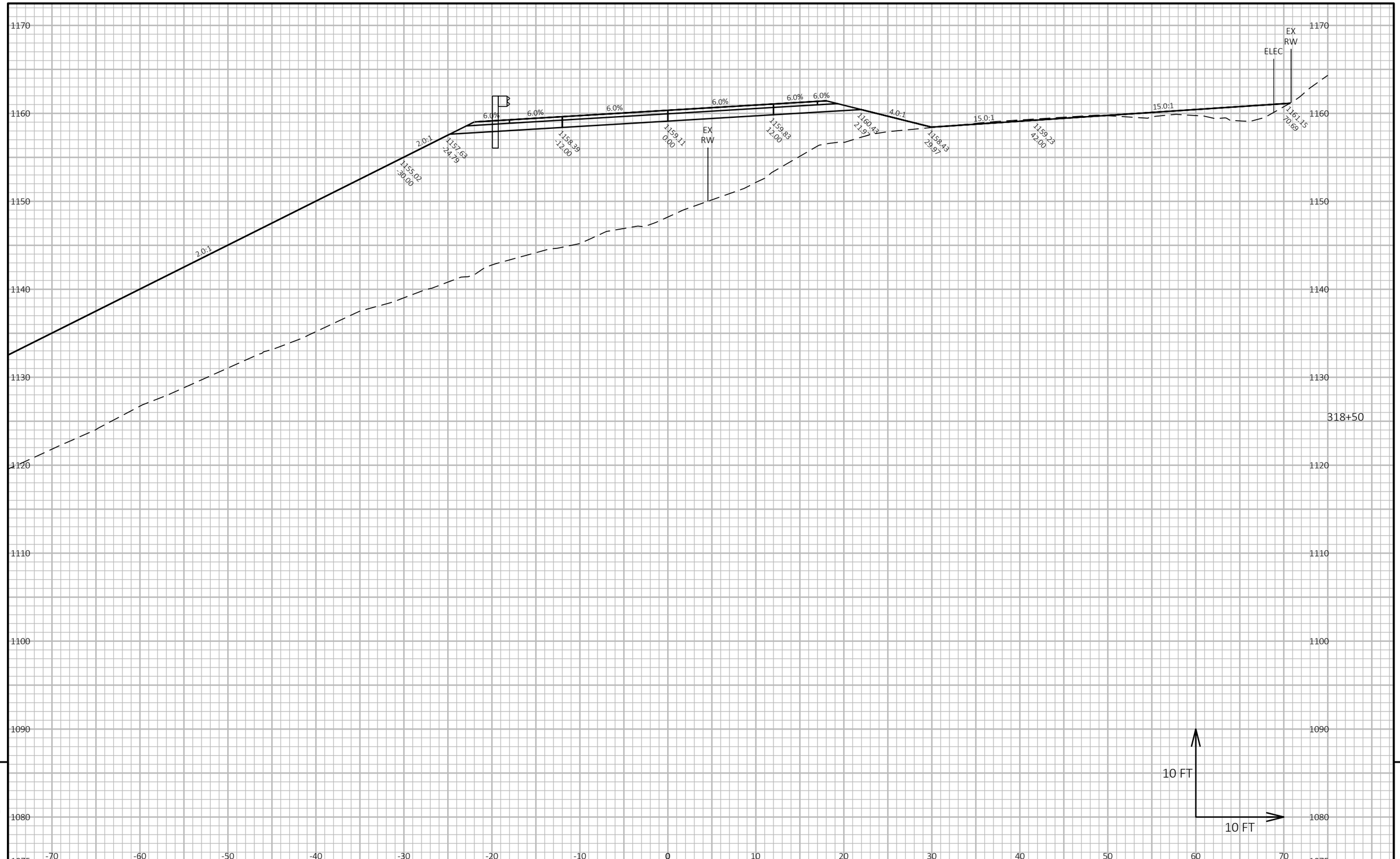


PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 117 E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/15/2026 1:28 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 118	E

9

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 18

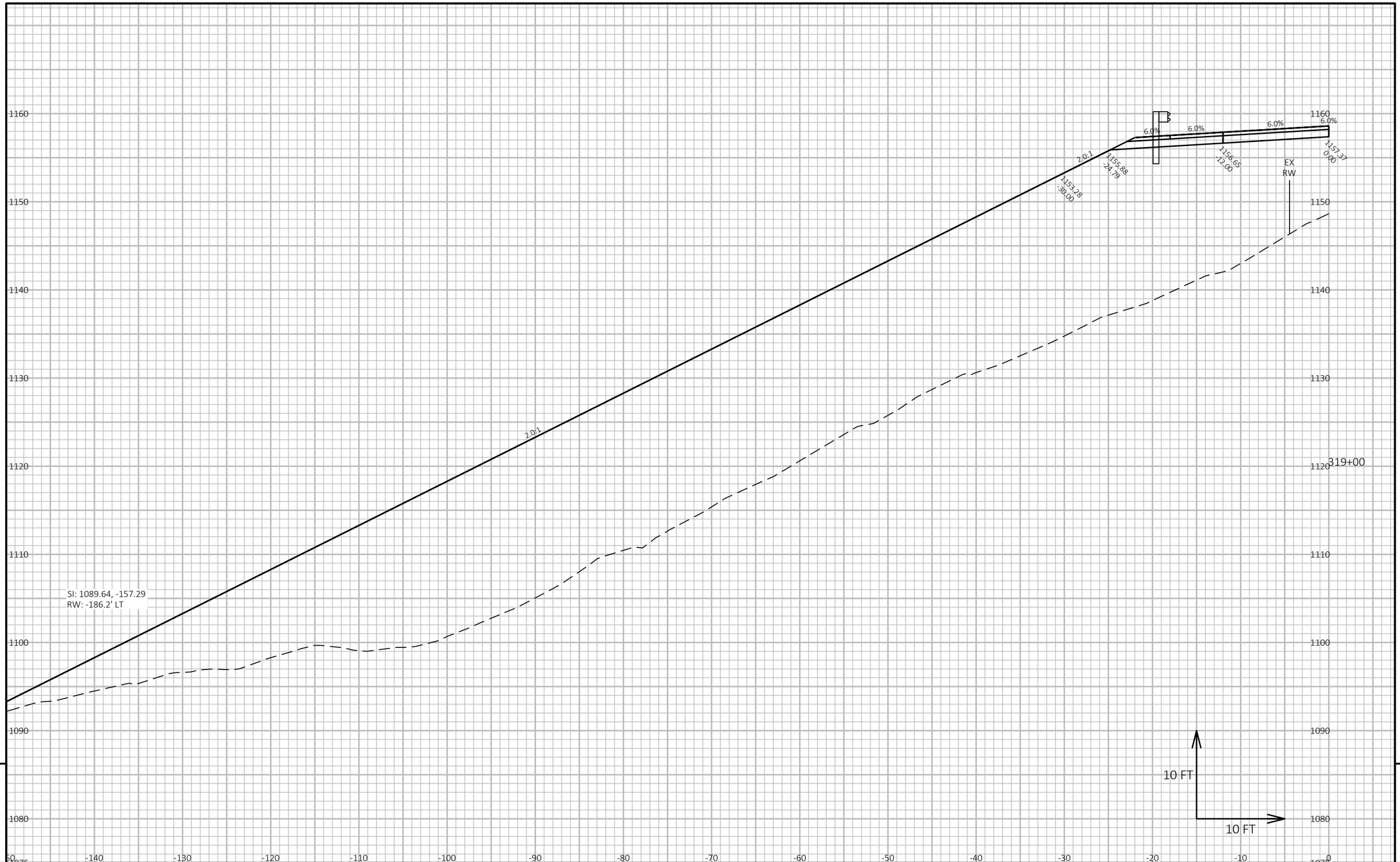
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 119	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 19

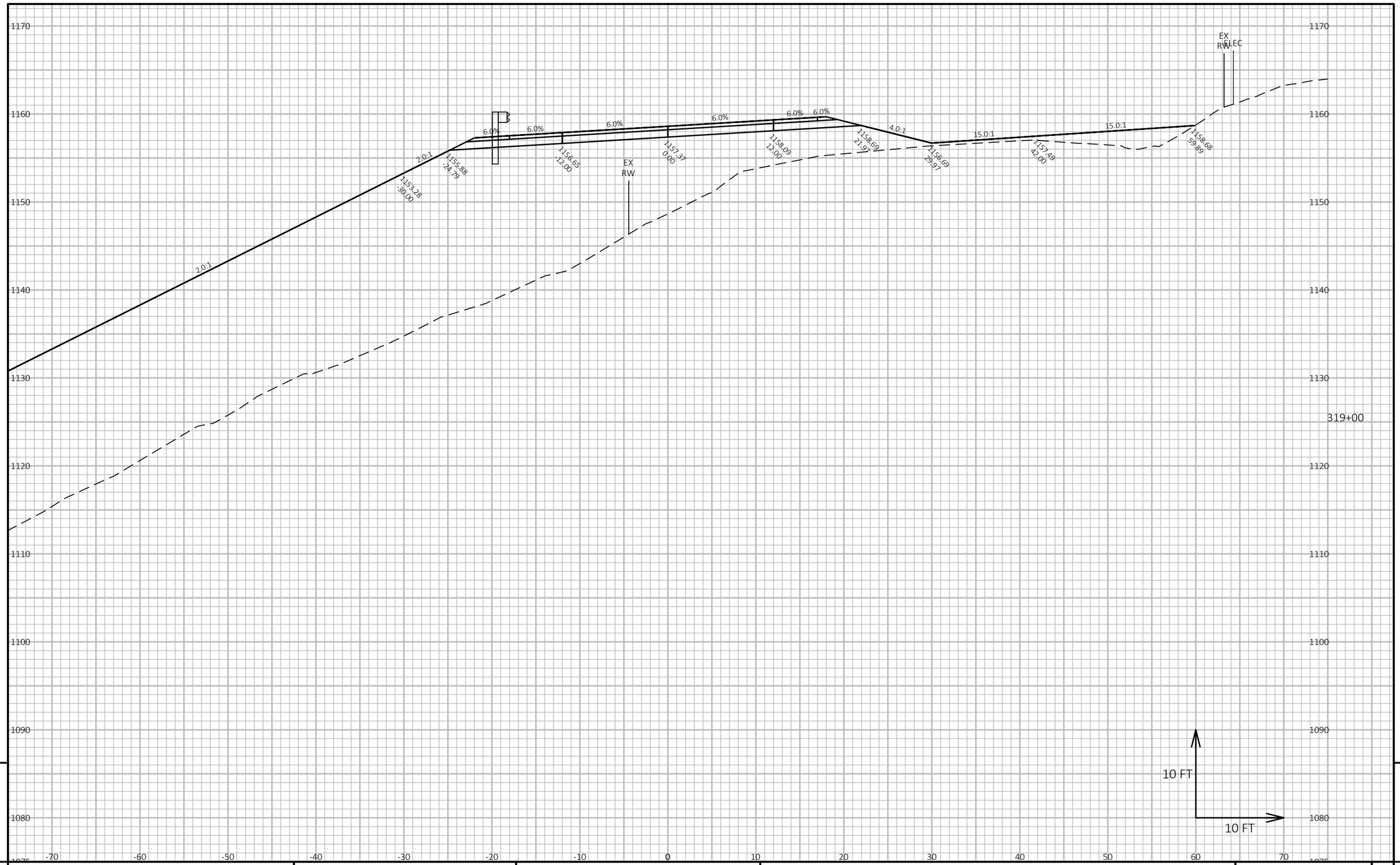
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 120	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 20

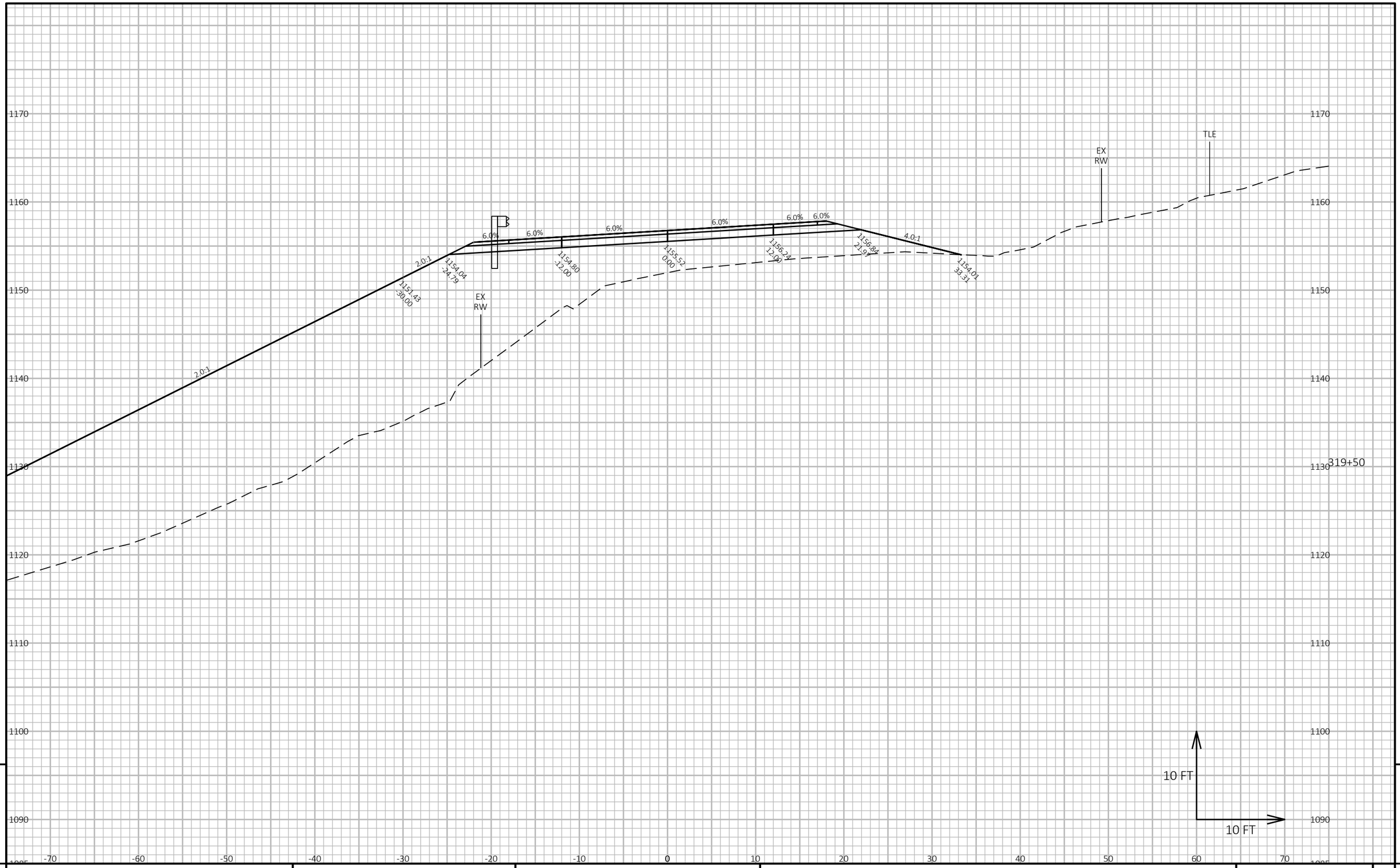
PLOT DATE : 7/15/2026 1:28 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 121	E

9

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 21

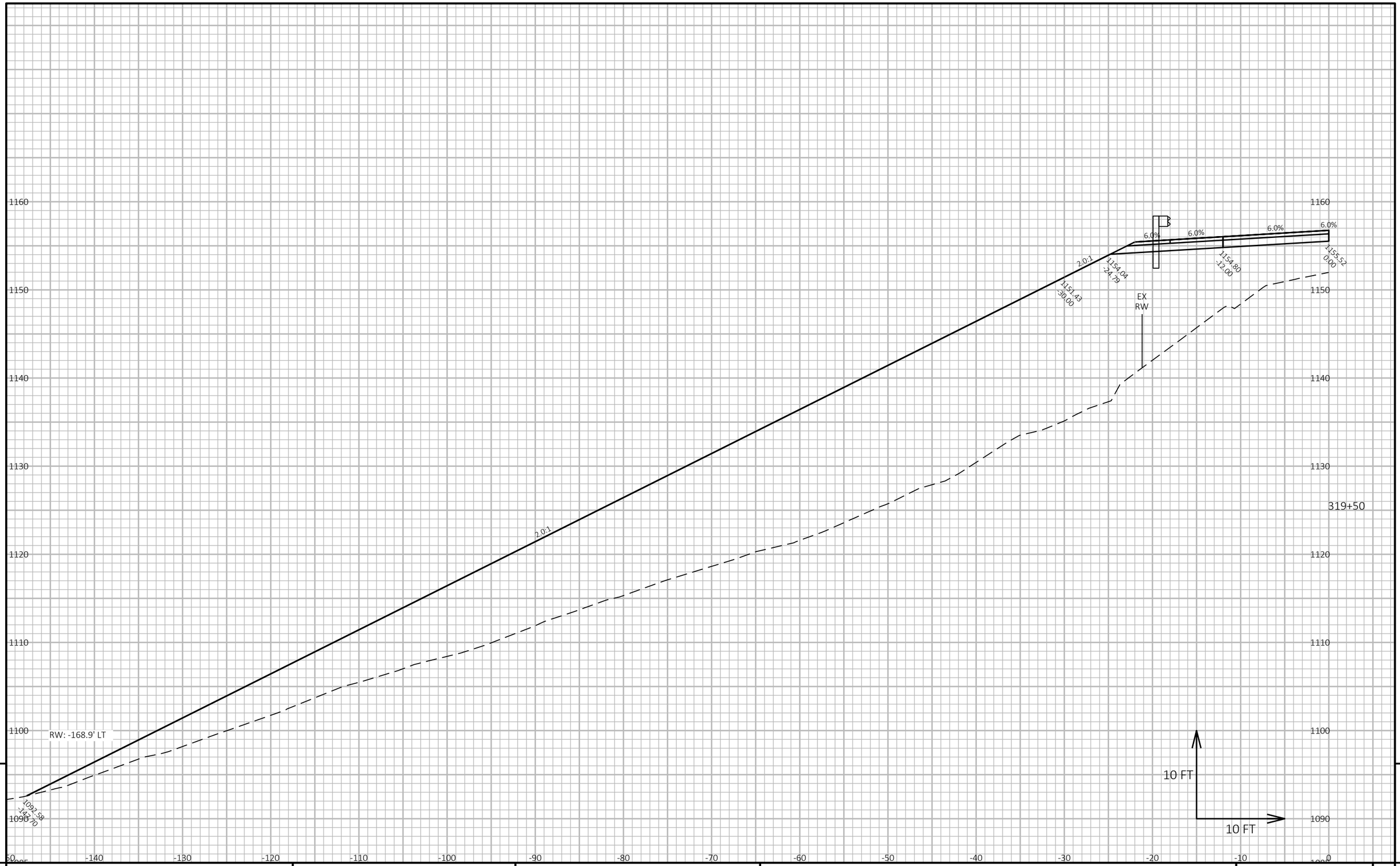
PLOT DATE : 7/15/2026 1:29 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 122	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 7/15/2026 1:29 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 123	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 23

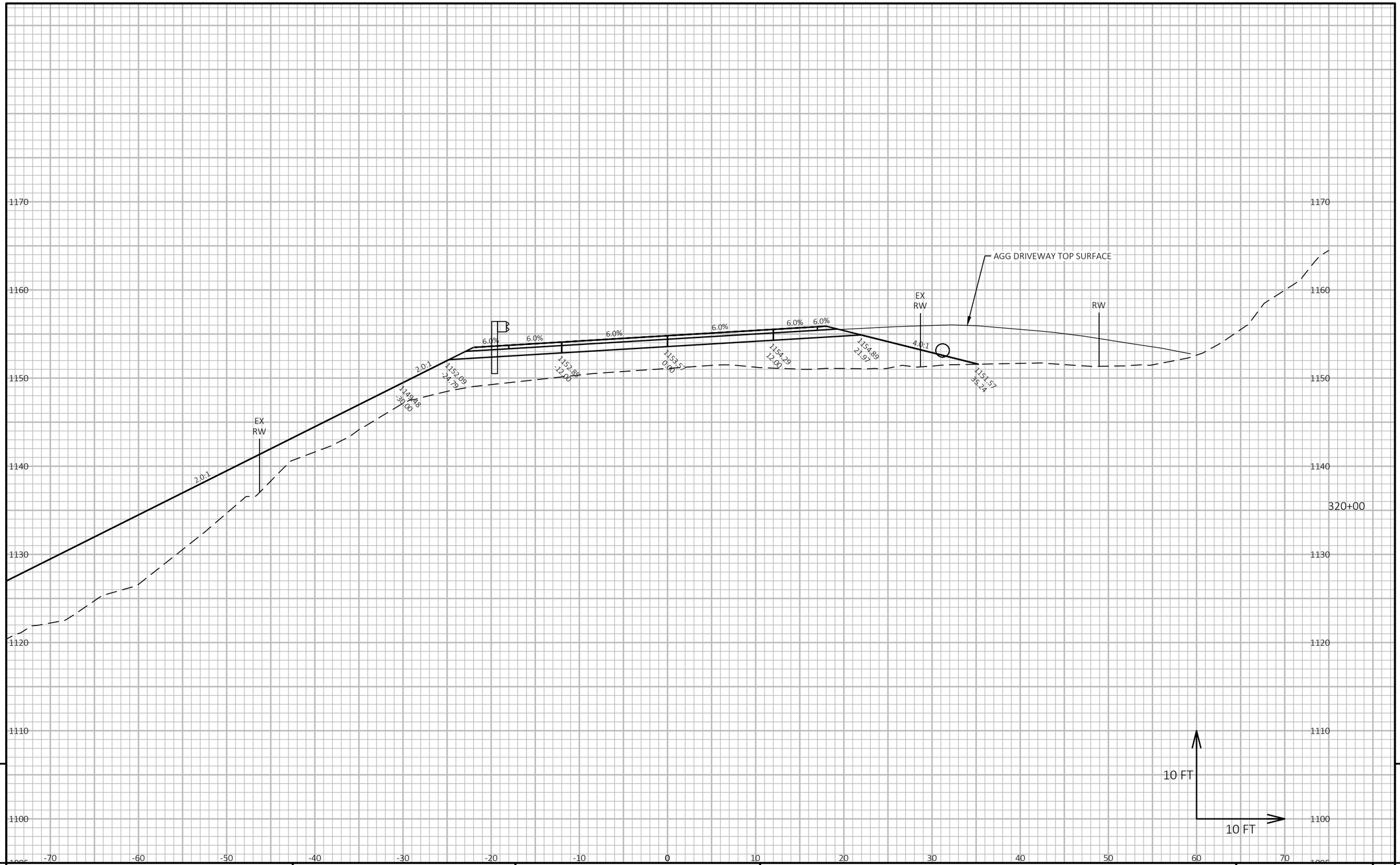
PLOT DATE : 7/15/2026 1:29 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

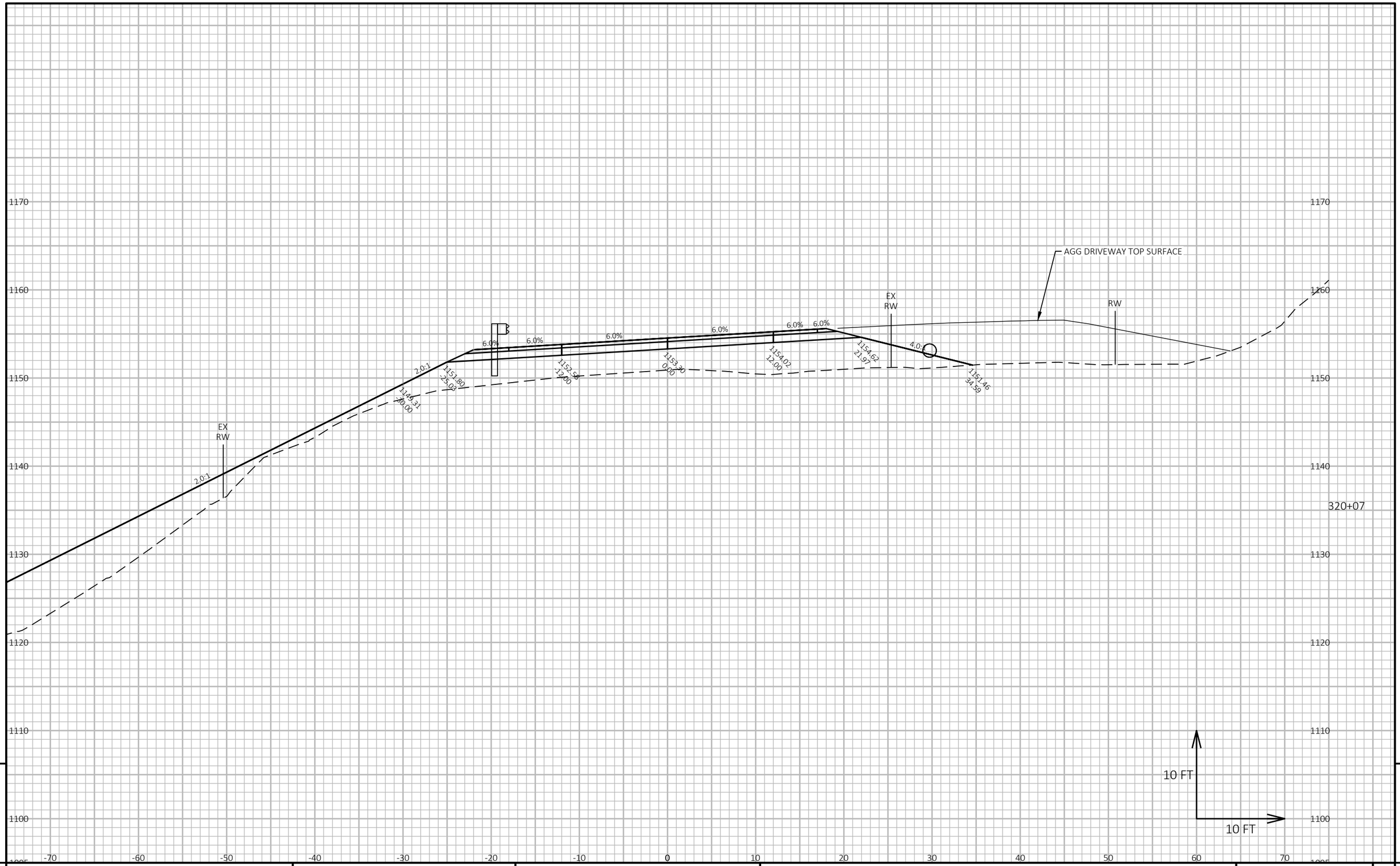
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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 124	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 7/15/2026 1:29 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 125	E

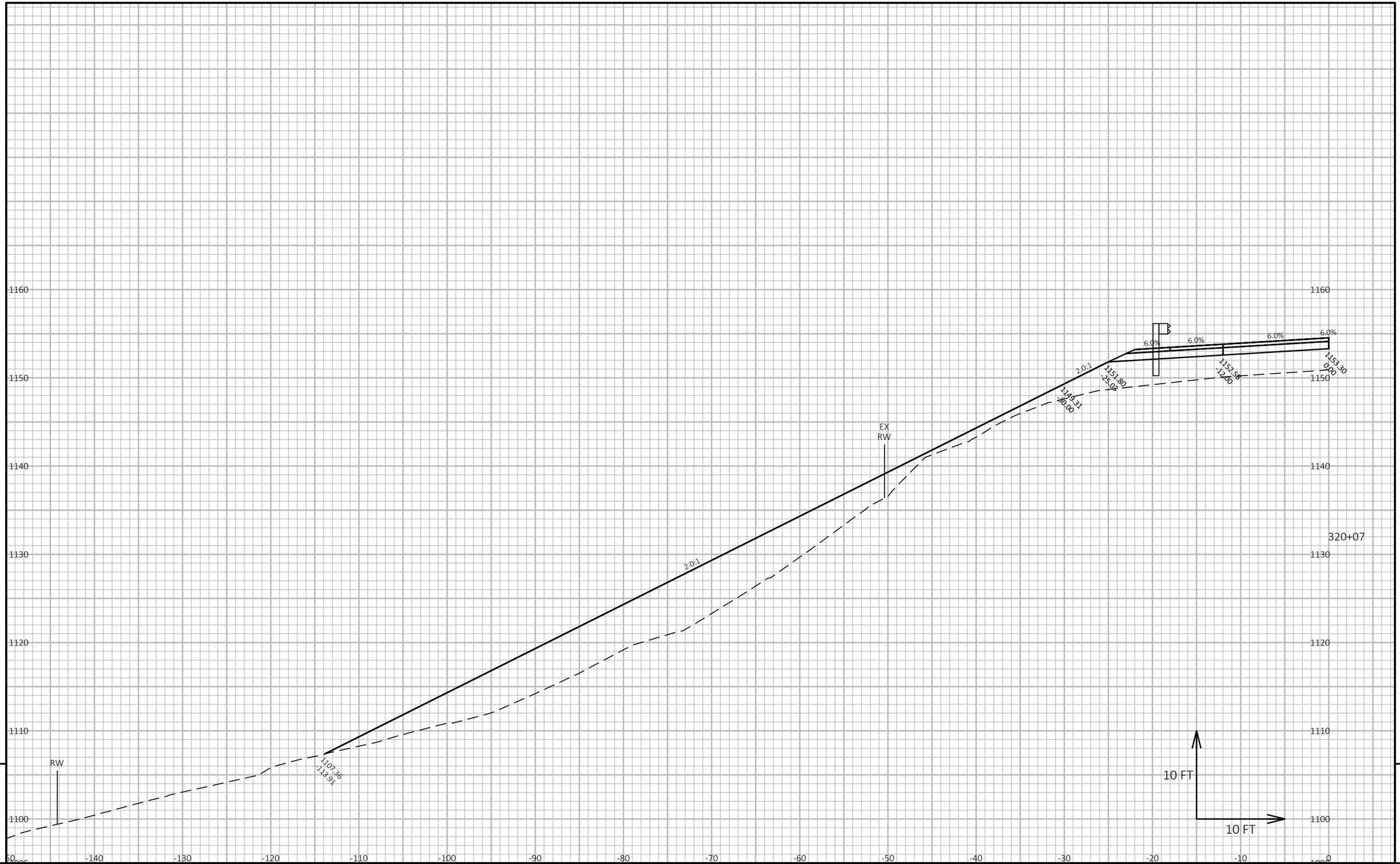
FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 7/15/2026 1:29 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 126	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 26

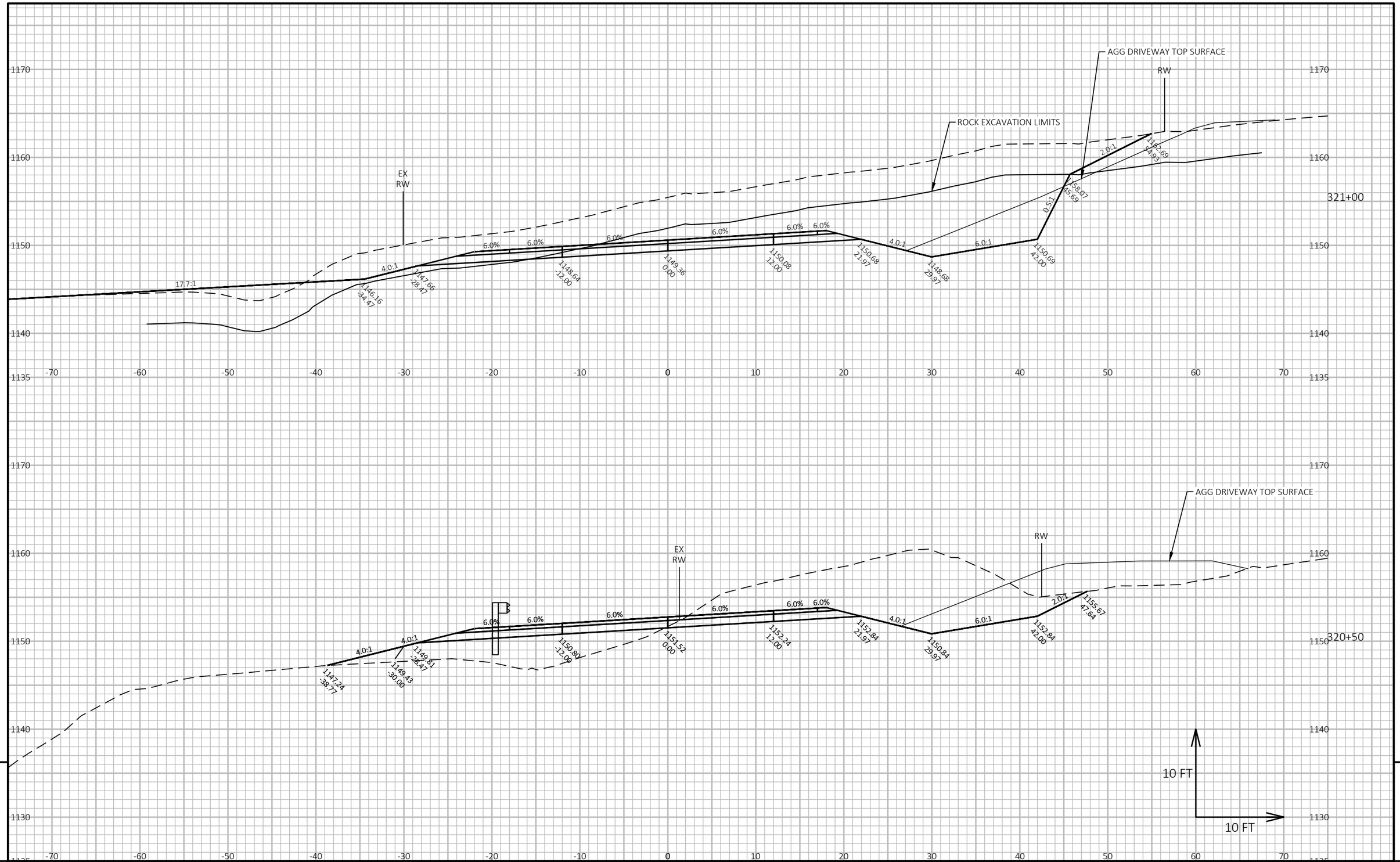
PLOT DATE : 7/15/2026 1:29 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 127	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 27

PLOT DATE : 7/15/2026 1:29 PM

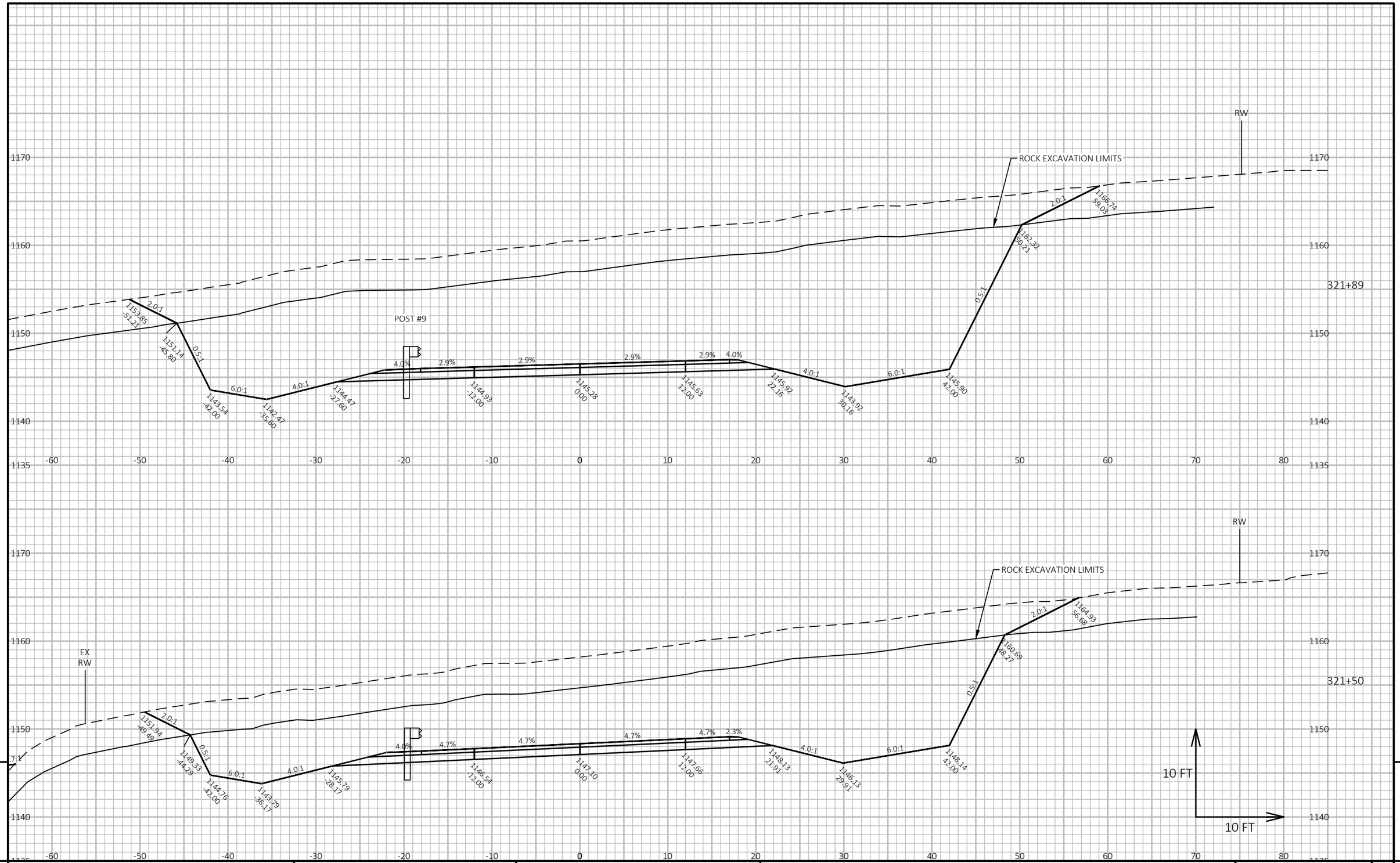
PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 128	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 28

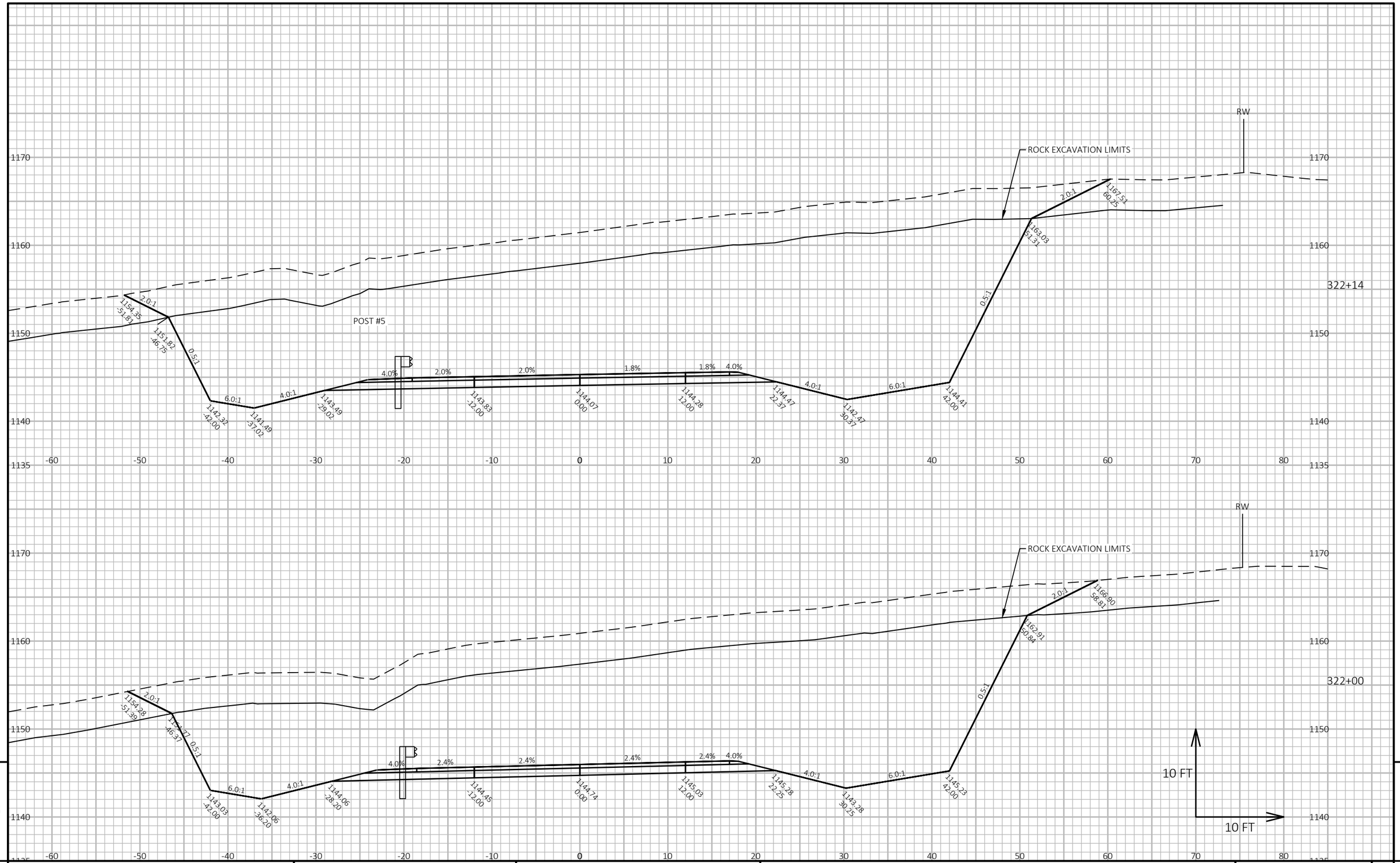
PLOT DATE : 7/15/2026 1:29 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 129	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 29

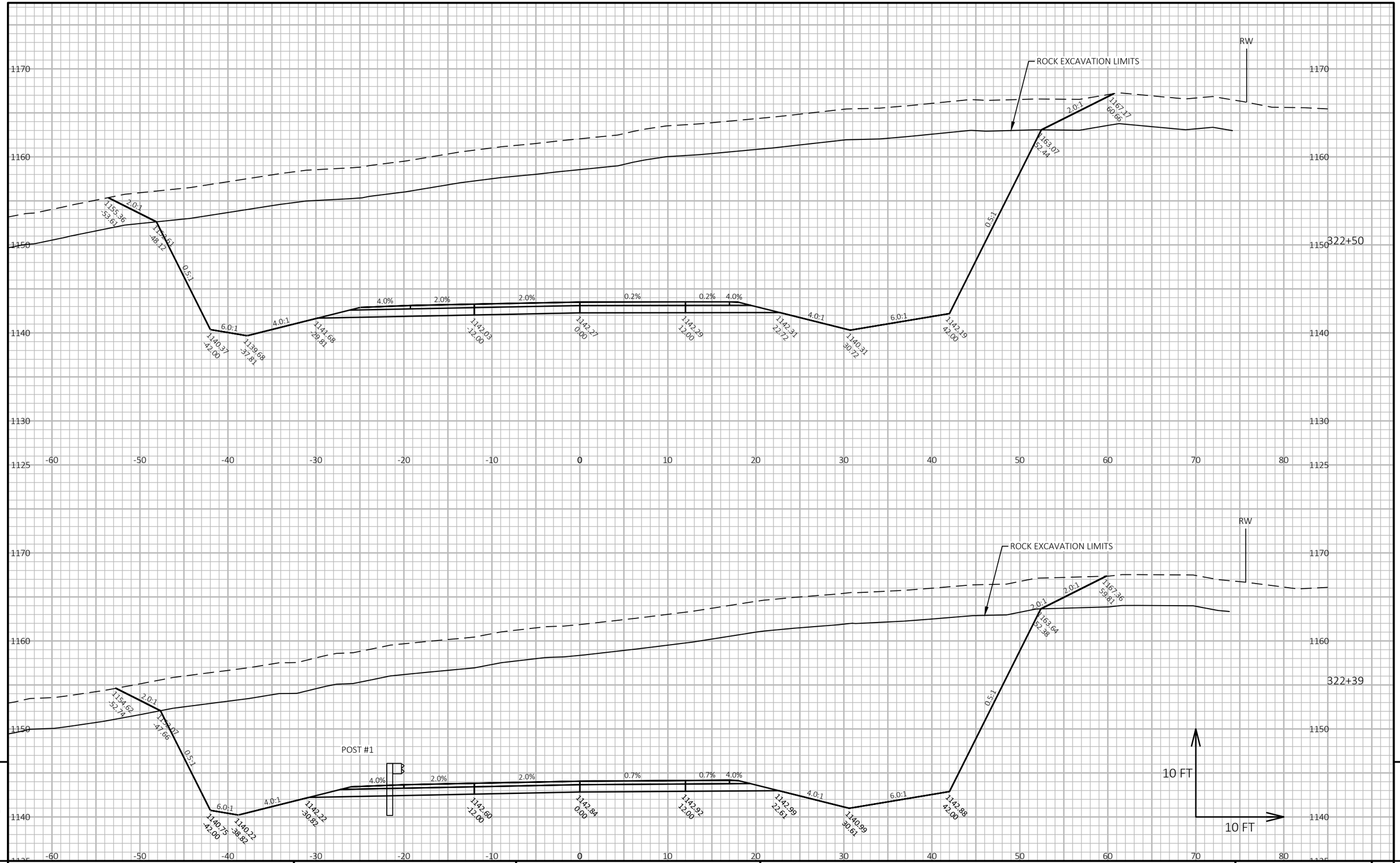
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 130	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 30

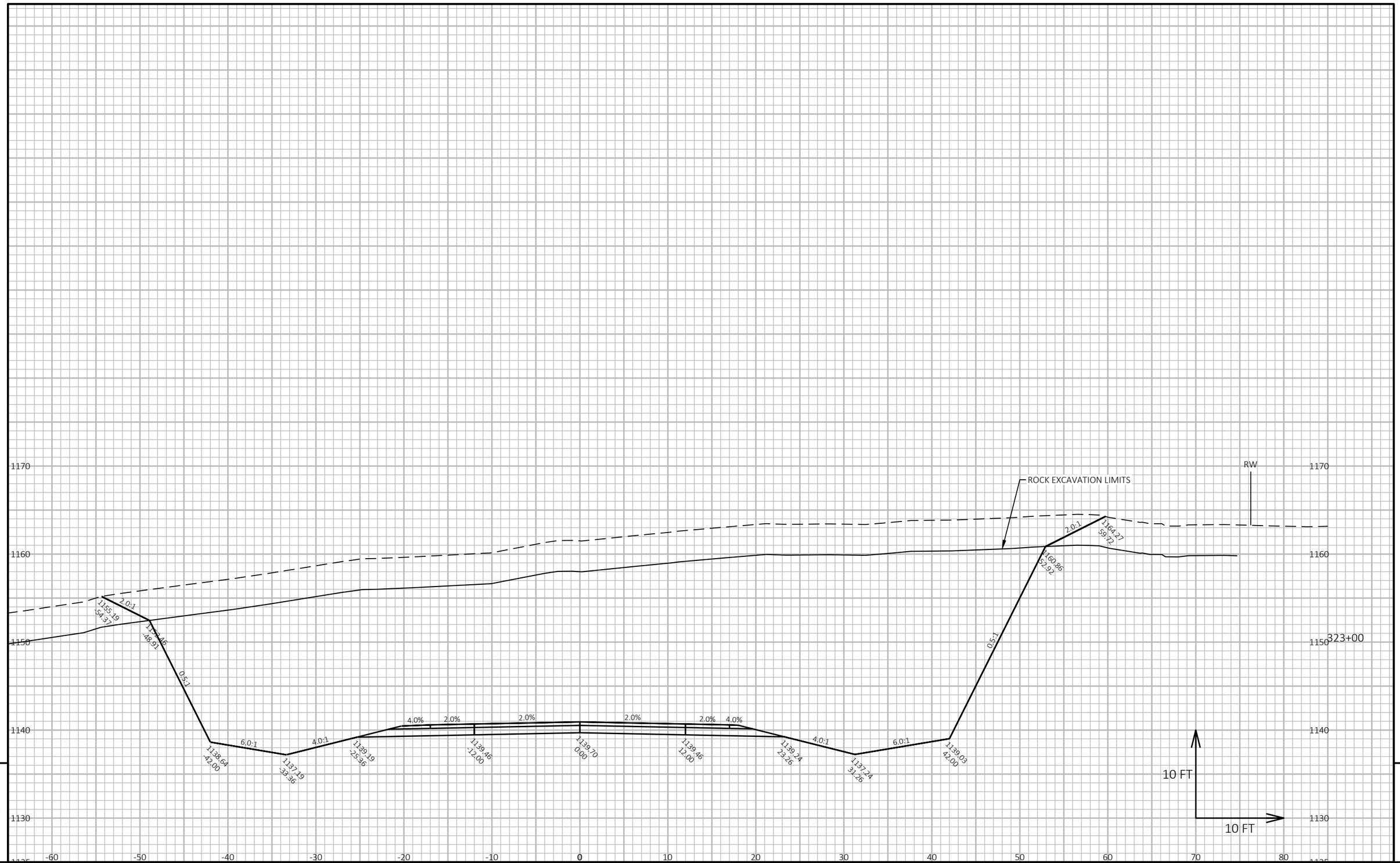
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9 9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 131	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 31

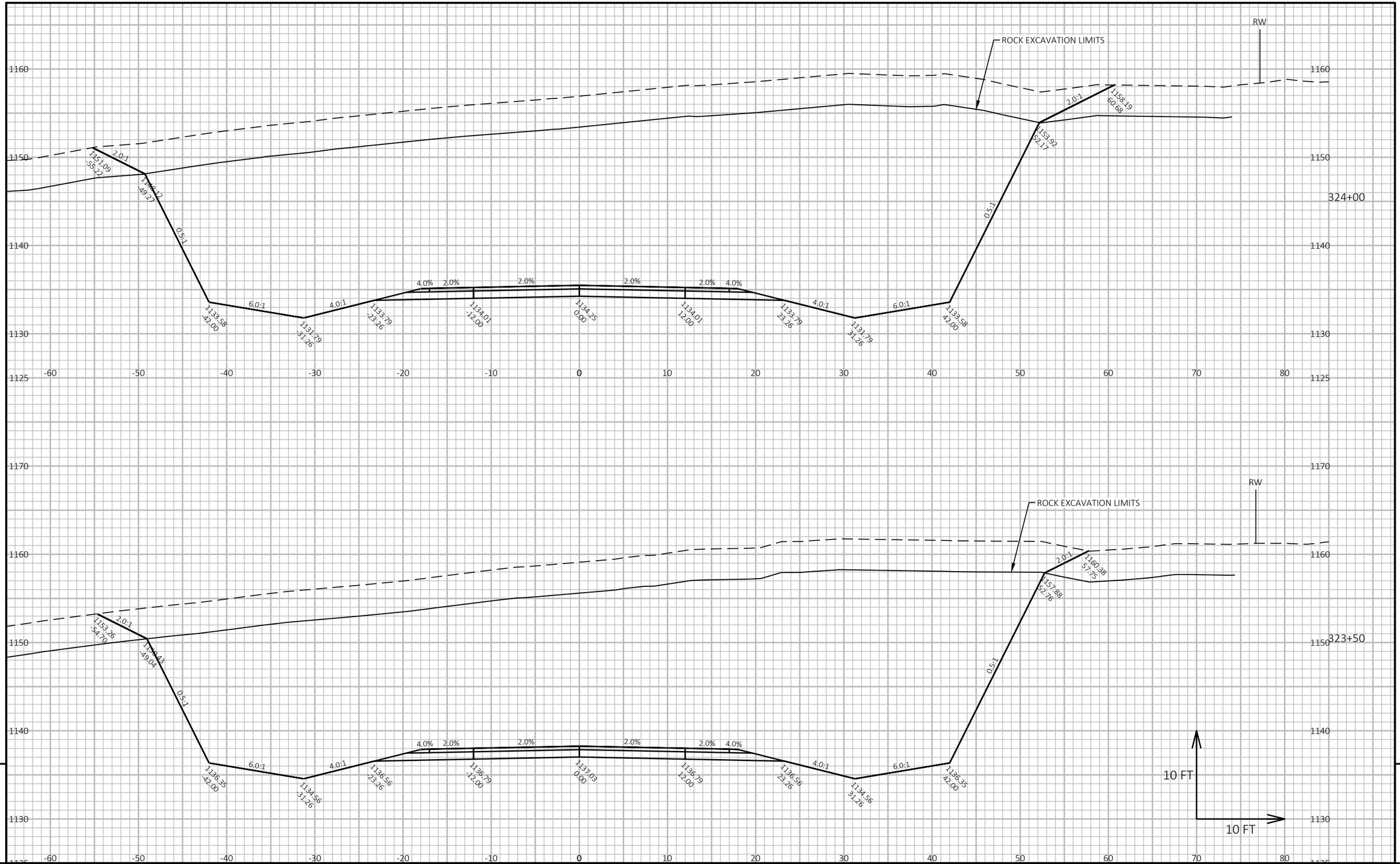
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 132	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 32

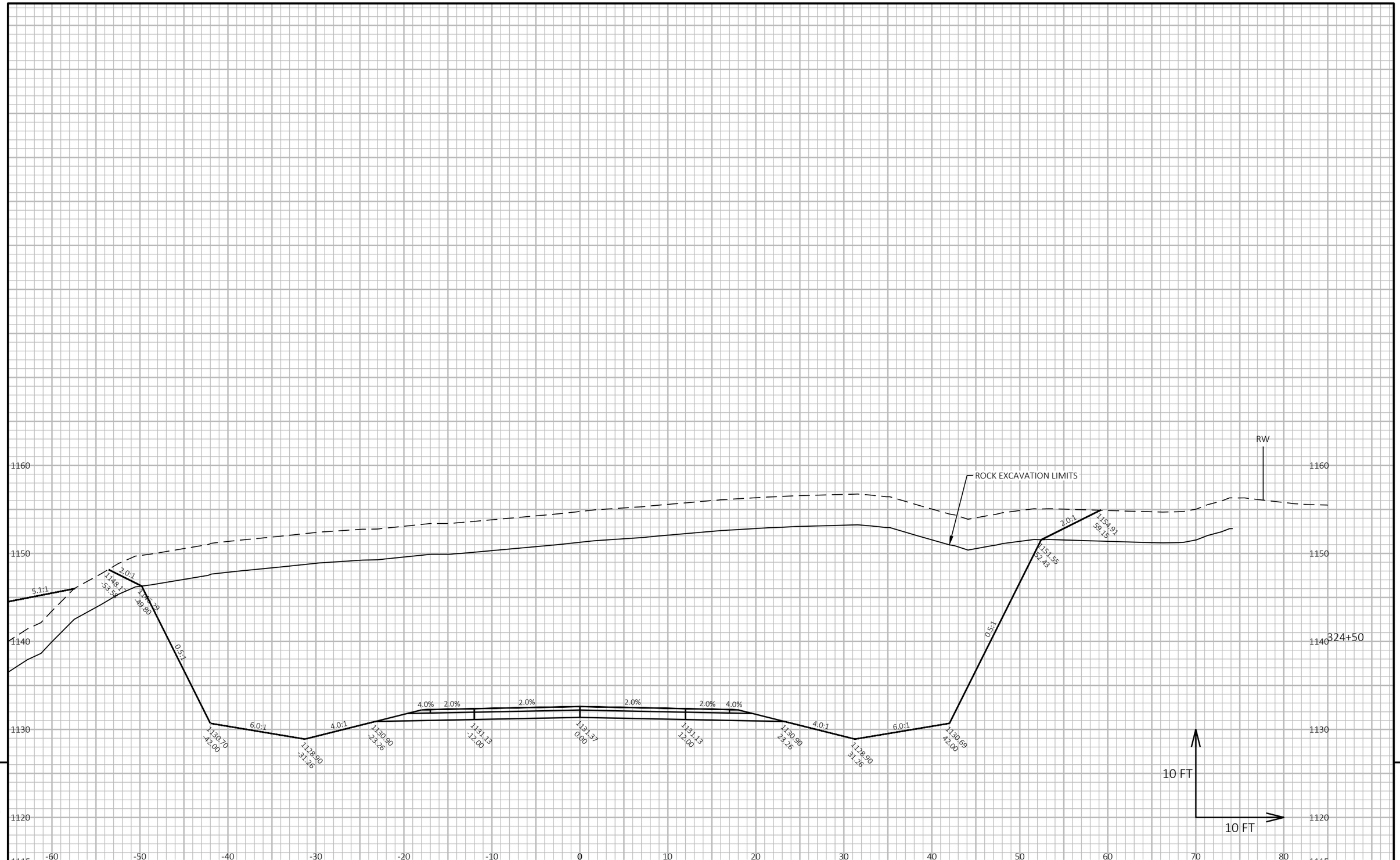
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 133	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 33

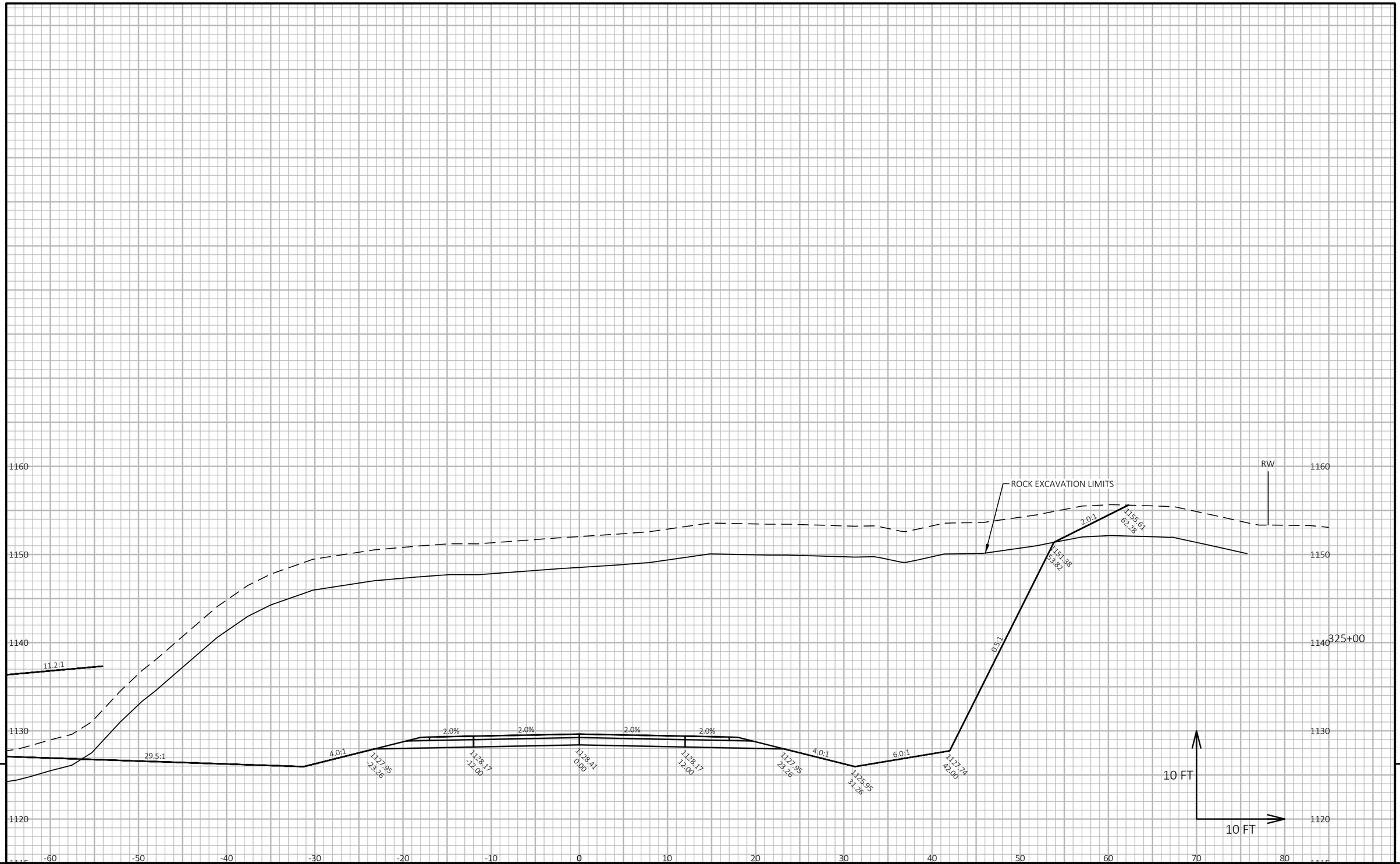
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



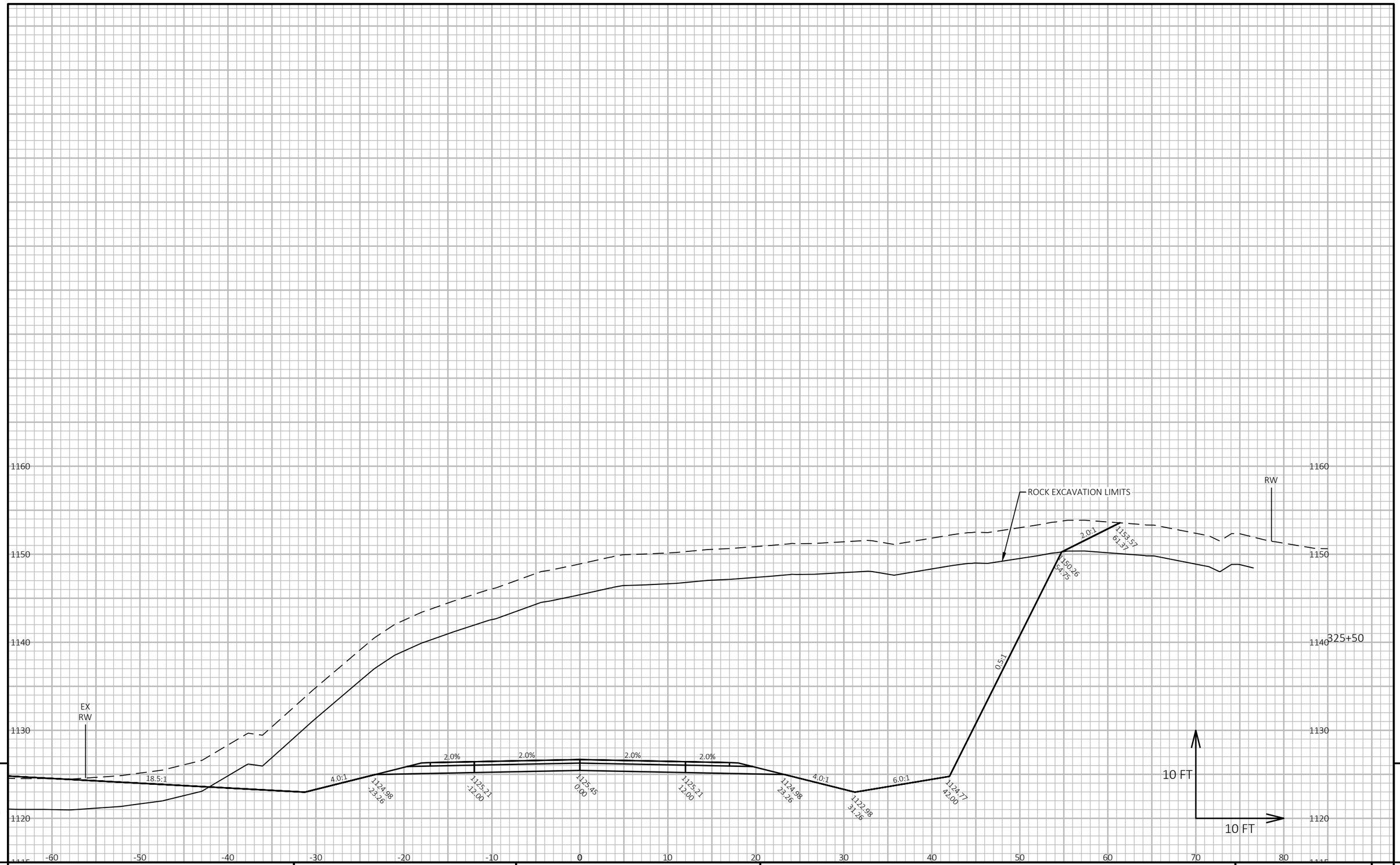
9 9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 134	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 34

PLOT DATE : 7/15/2026 1:30 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 135	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 35

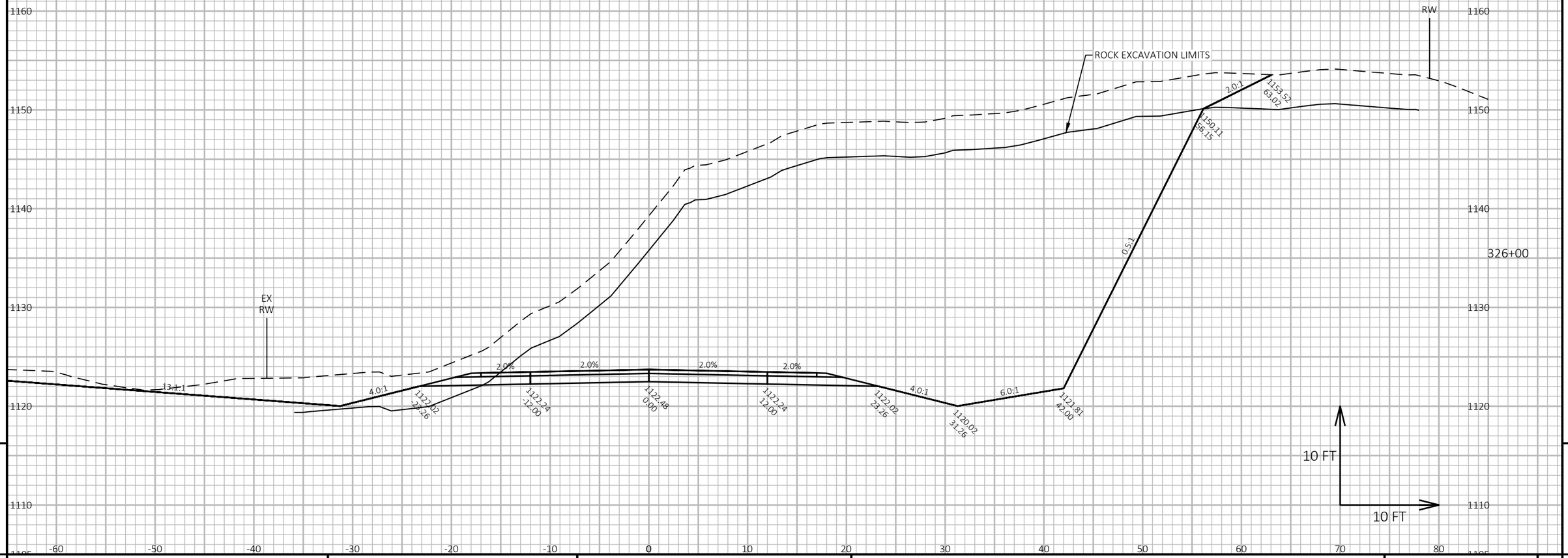
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 136	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 36

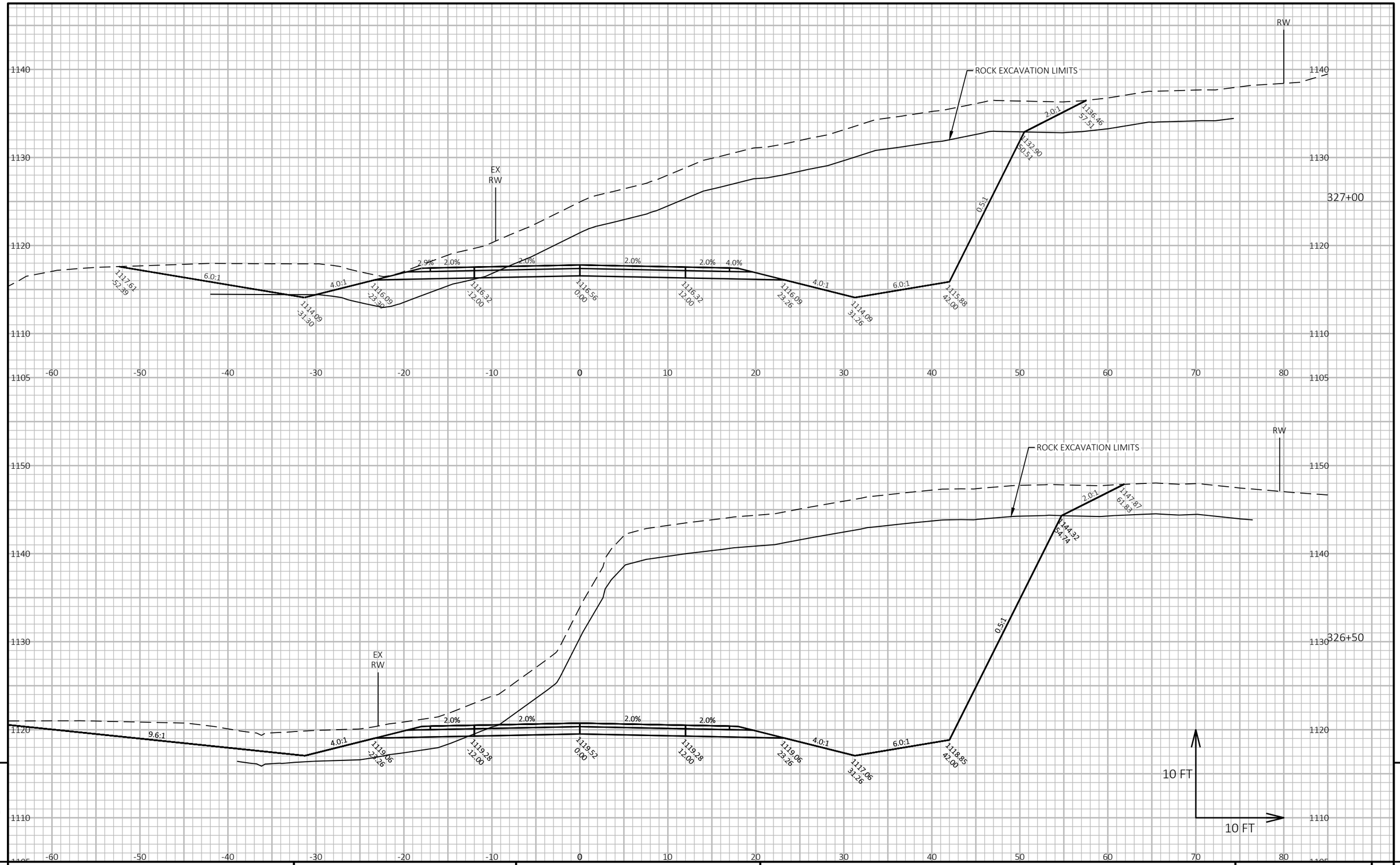
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 137	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 37

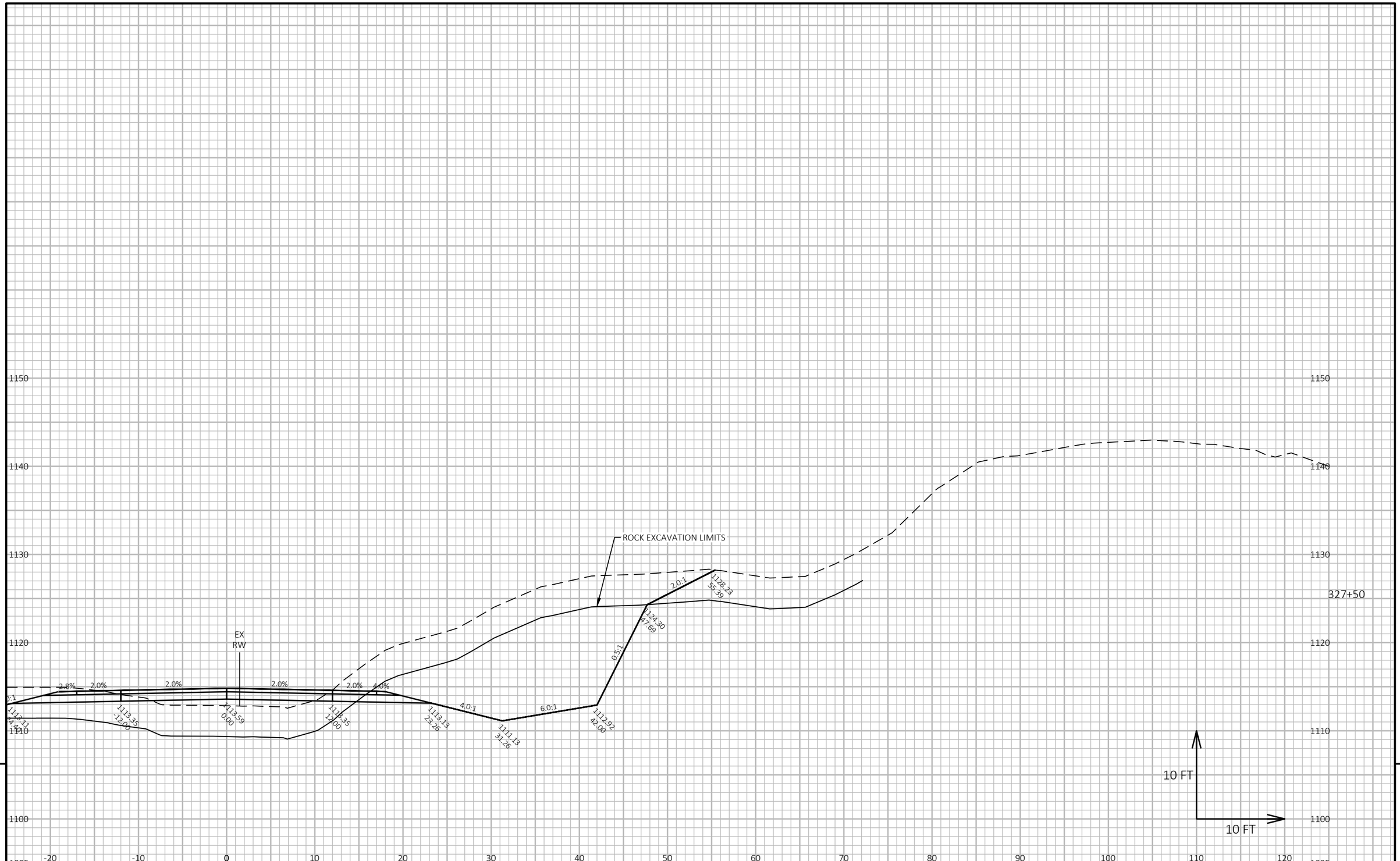
PLOT DATE : 7/15/2026 1:30 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 138	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 38

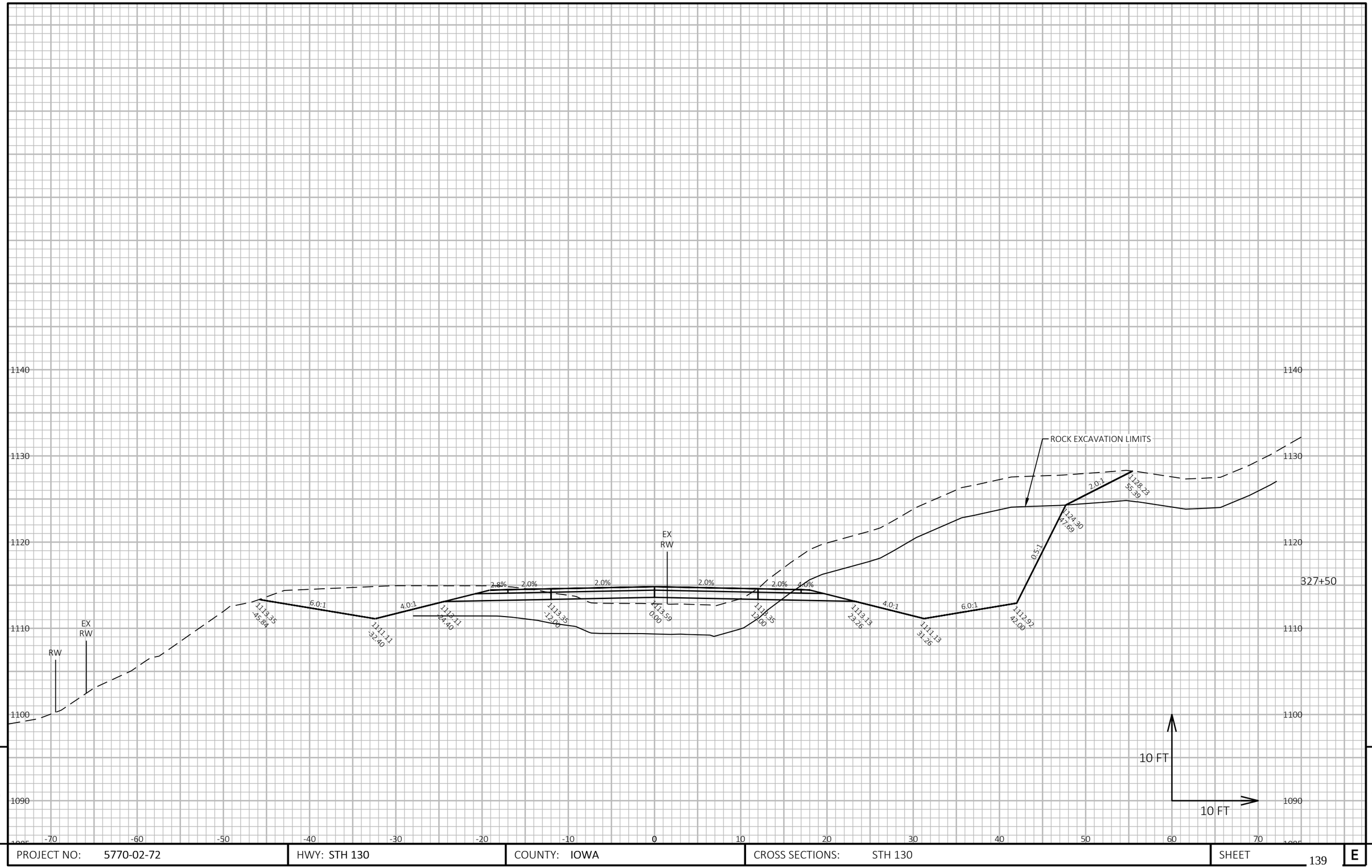
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 139	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 39

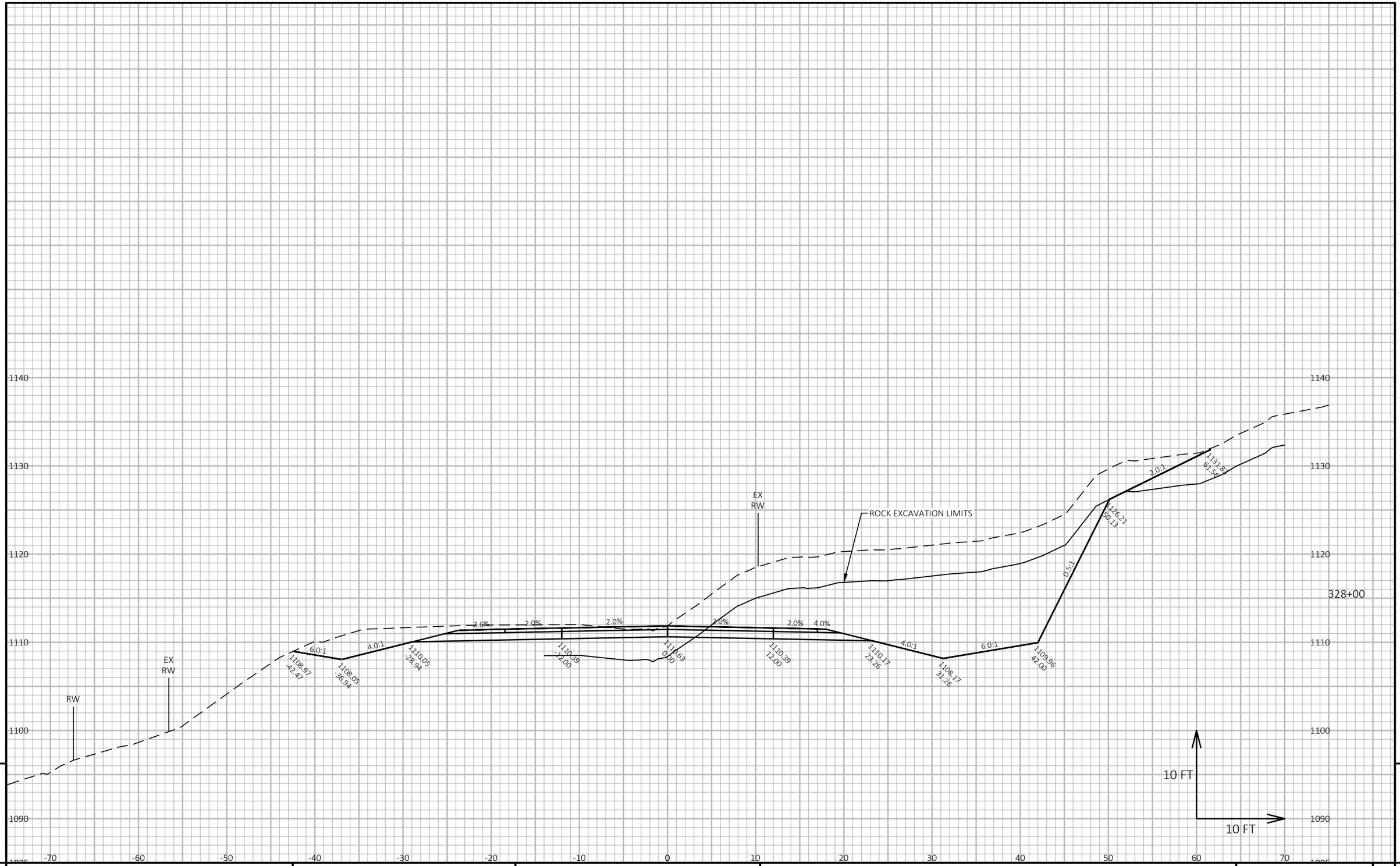
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

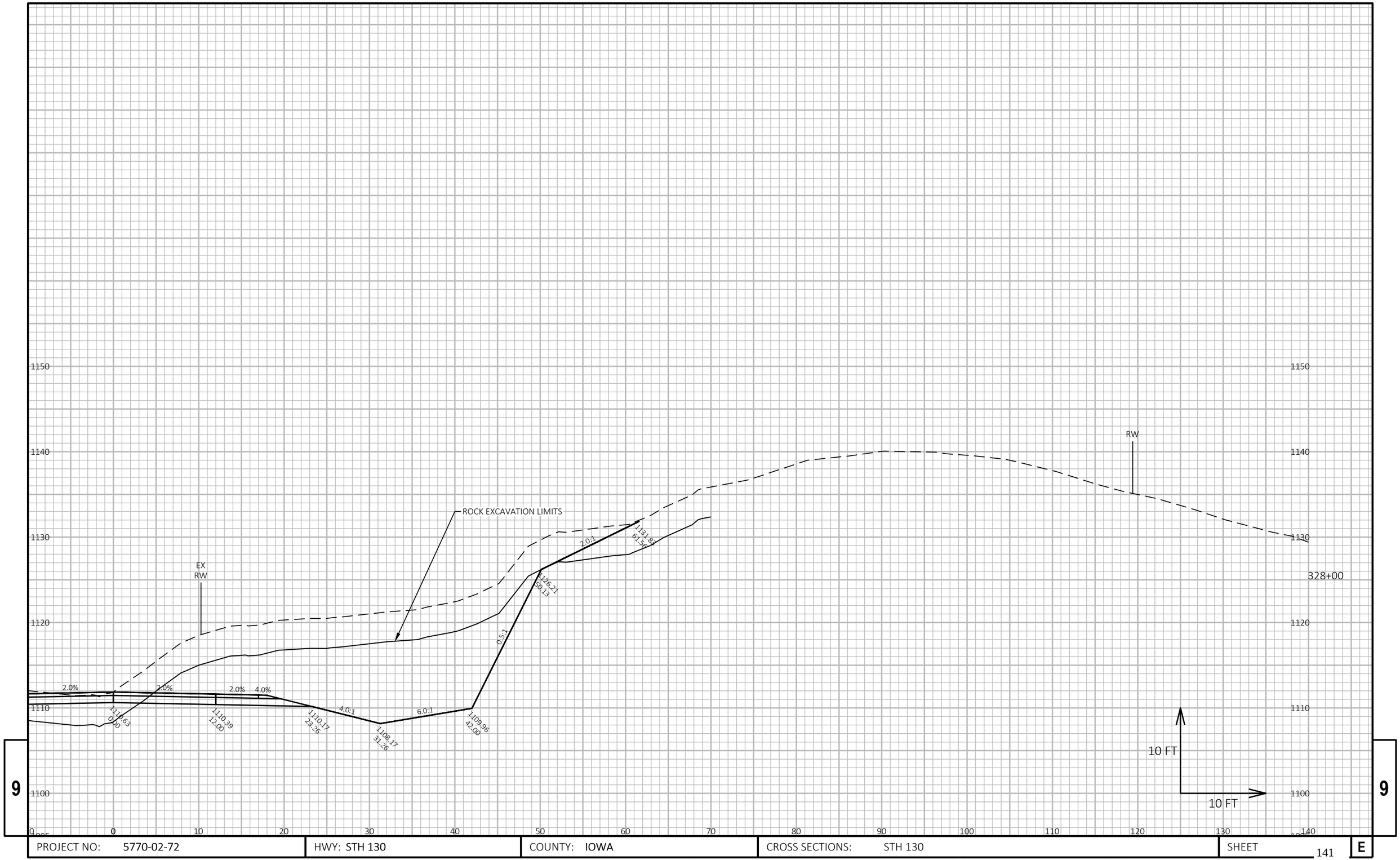


PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 140	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 40

PLOT DATE : 7/15/2026 1:31 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 141	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 41

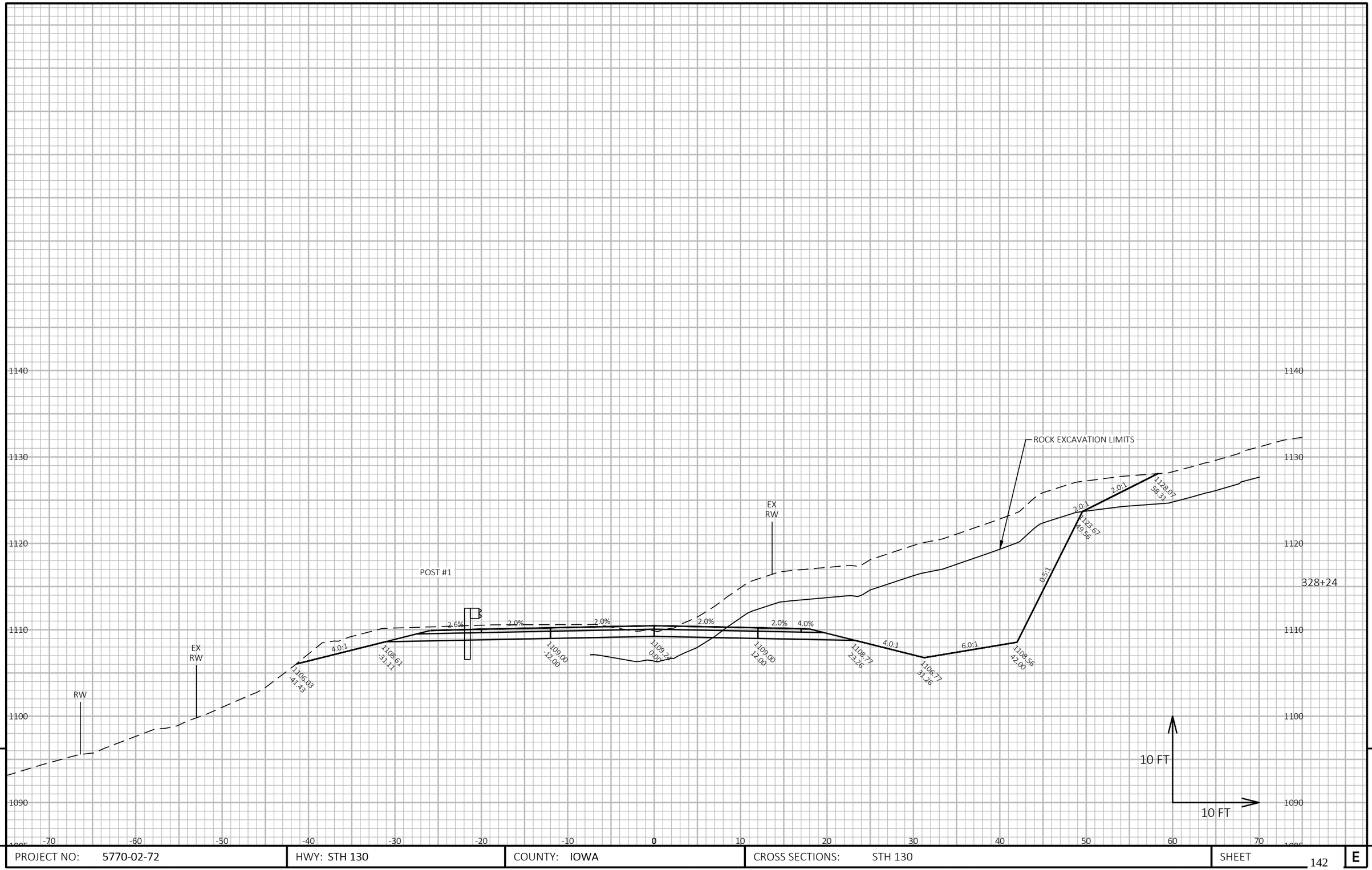
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 142	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 42

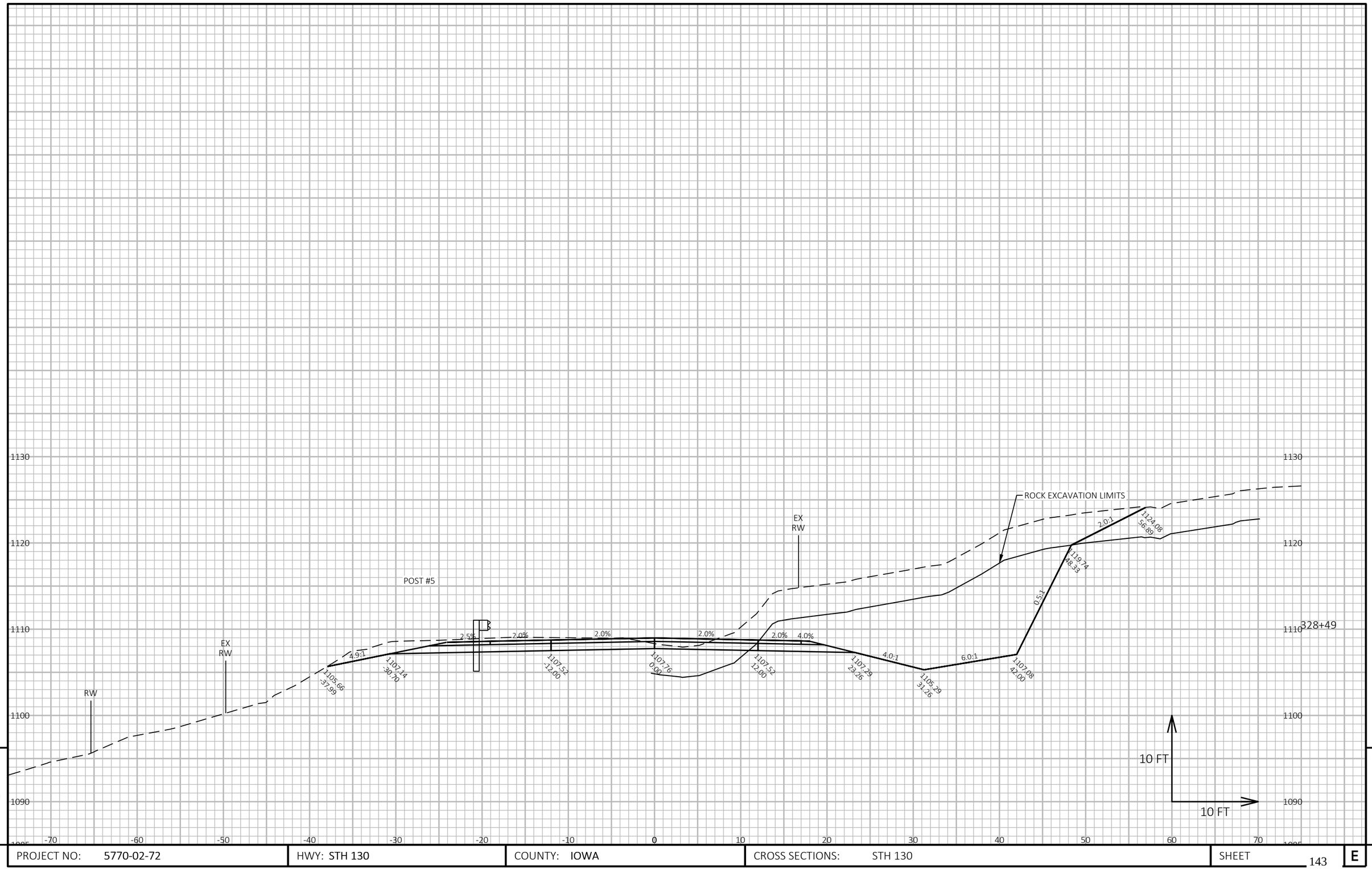
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 143	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 43

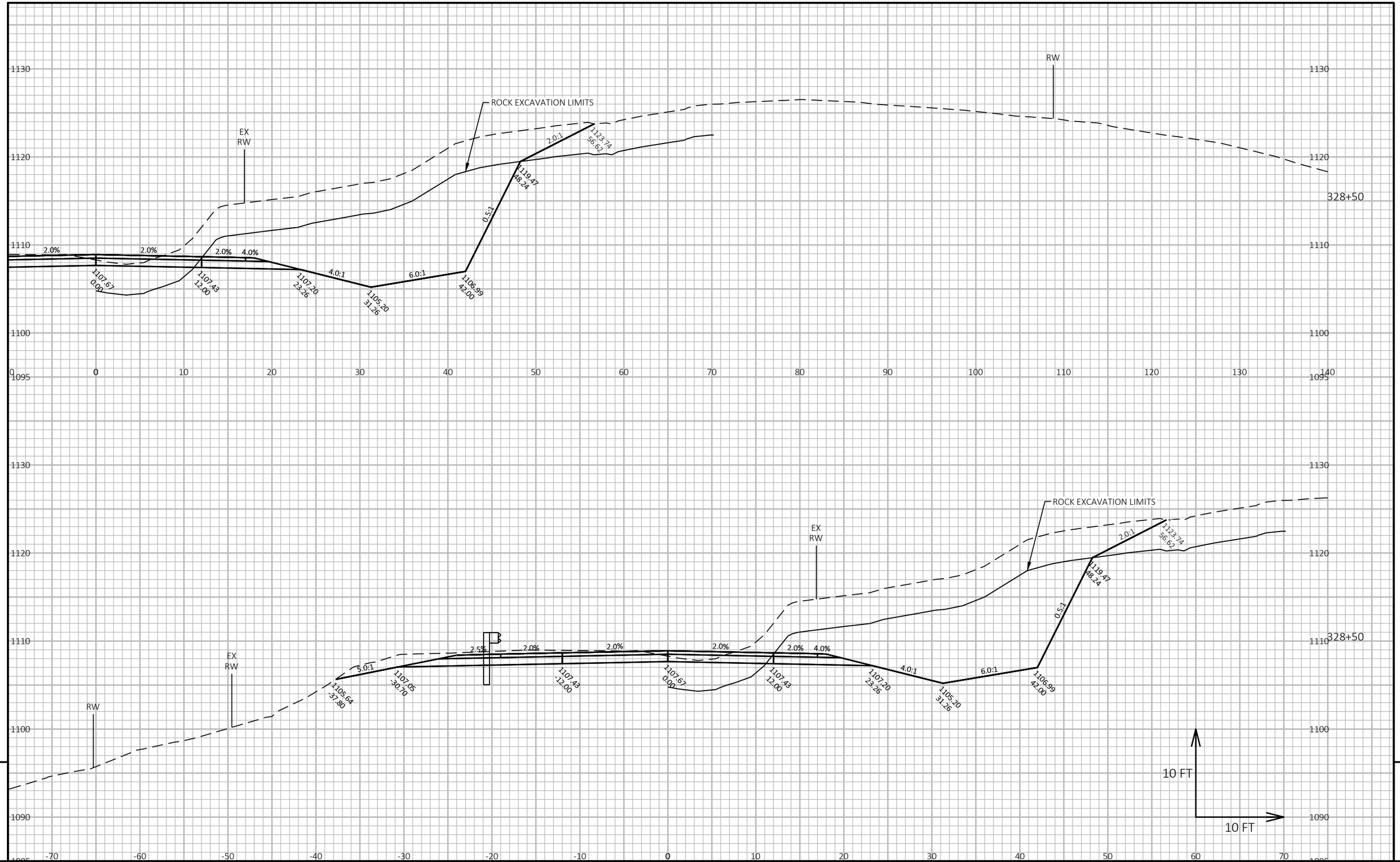
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 144 E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 44

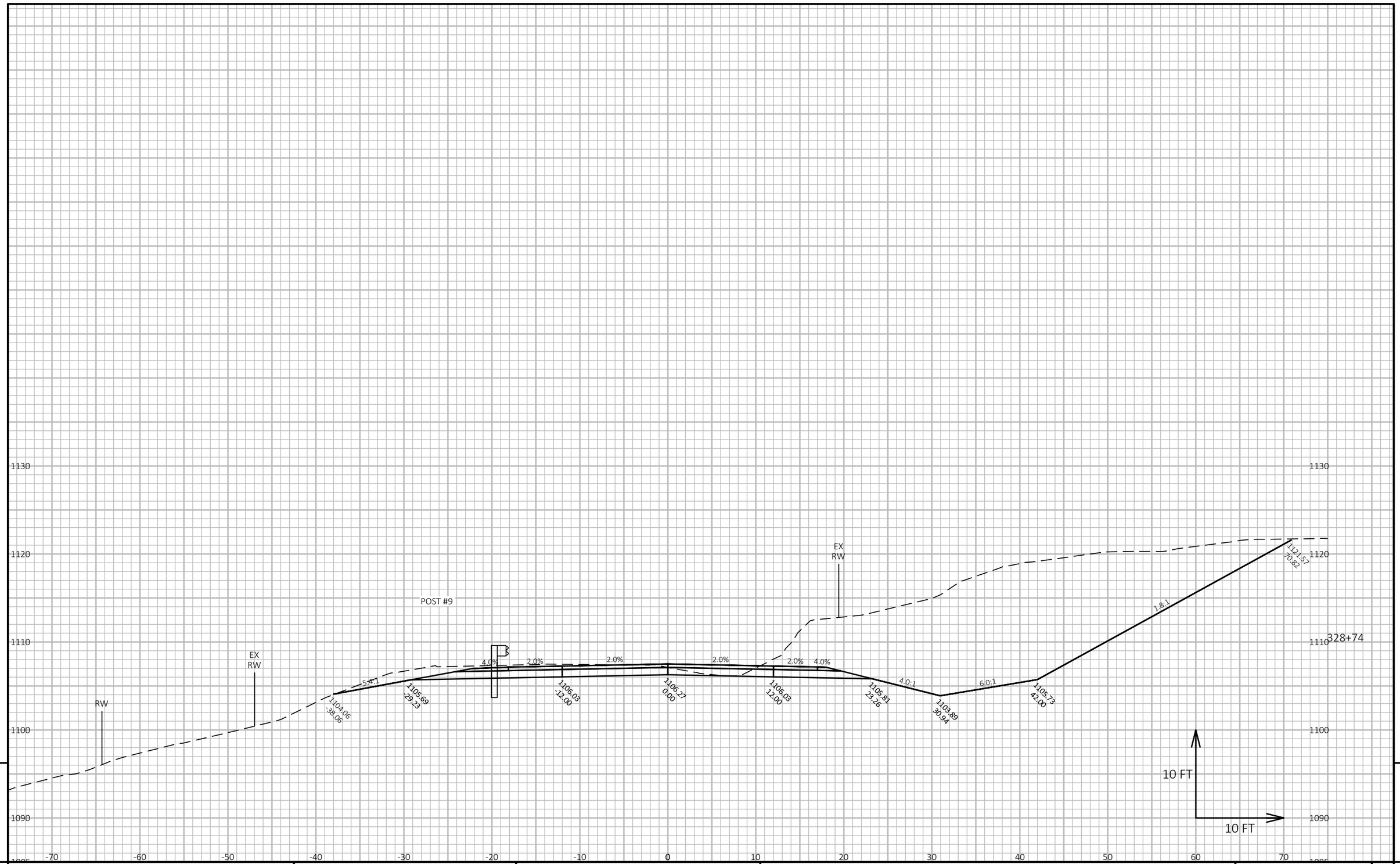
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 145	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 45

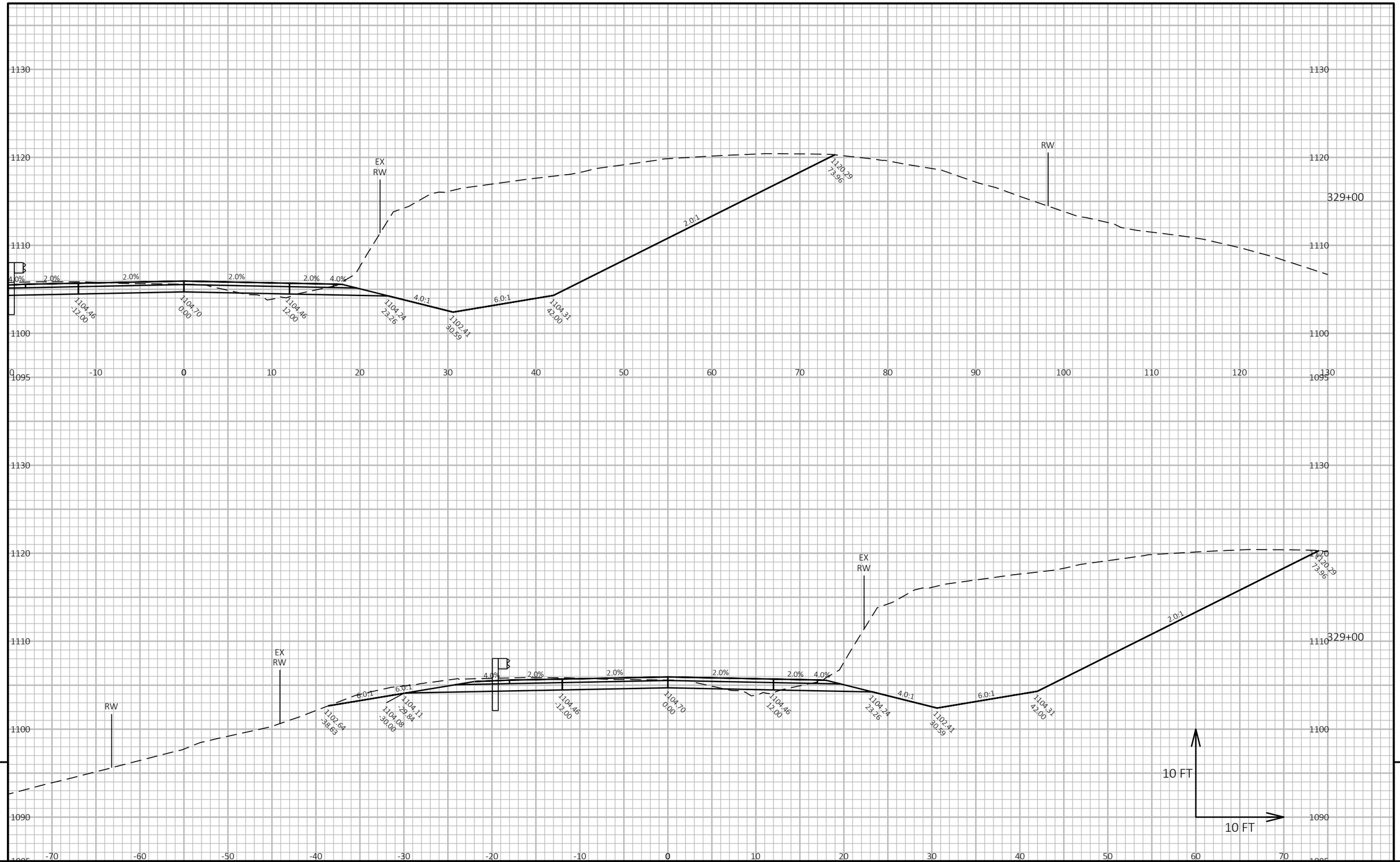
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 146	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 46

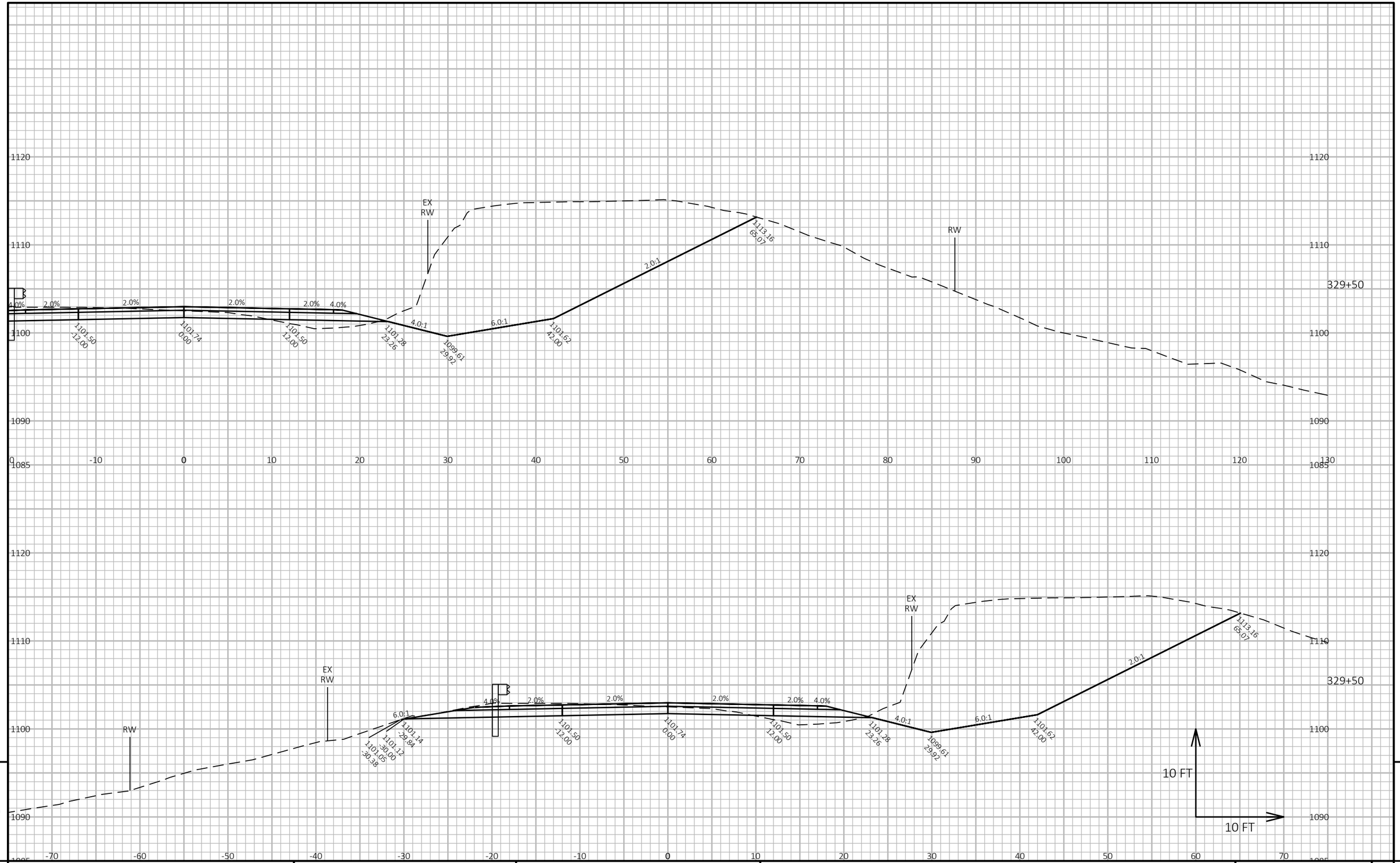
PLOT DATE : 7/15/2026 1:31 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 147	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 47

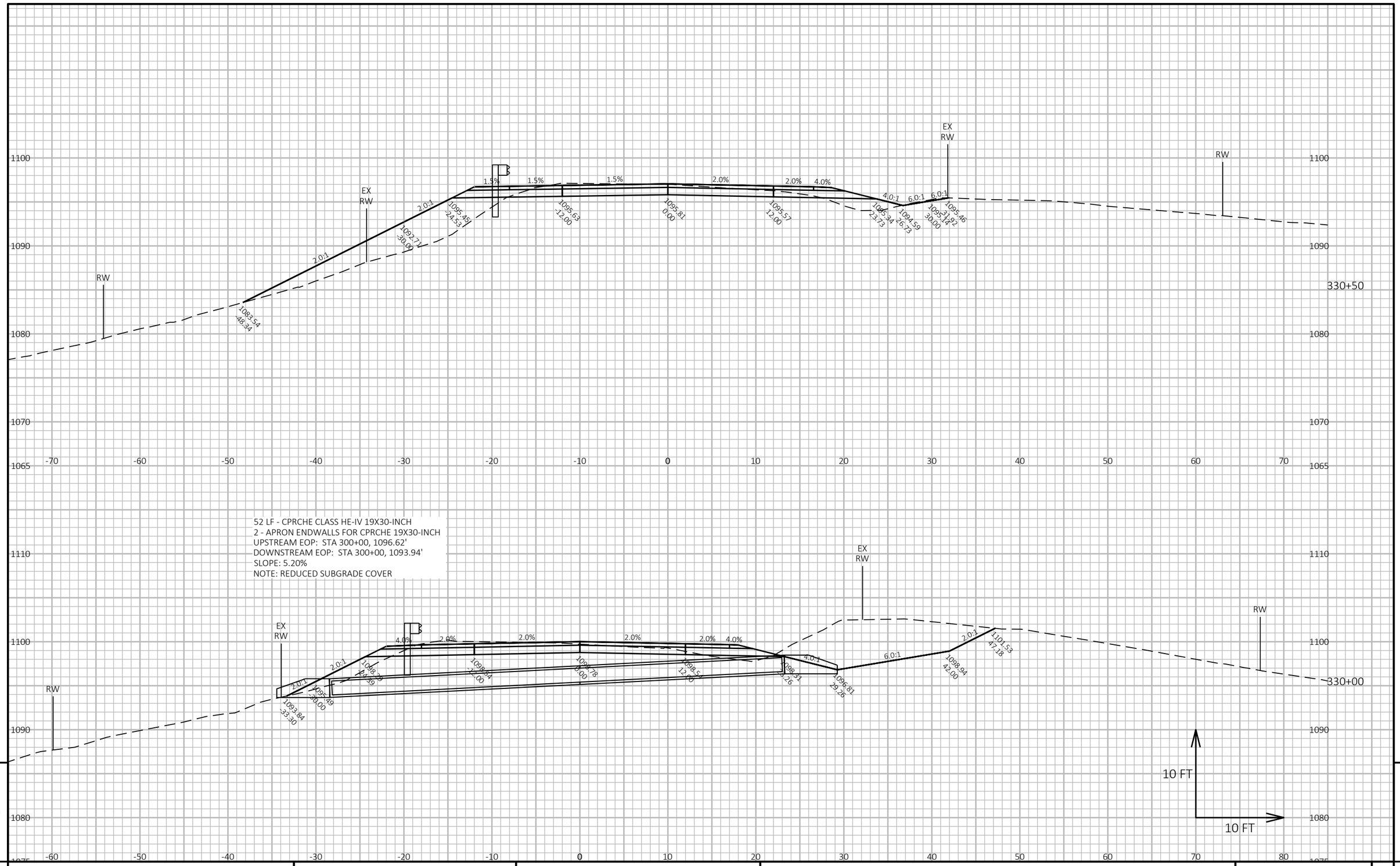
PLOT DATE : 7/15/2026 1:32 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 148	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 48

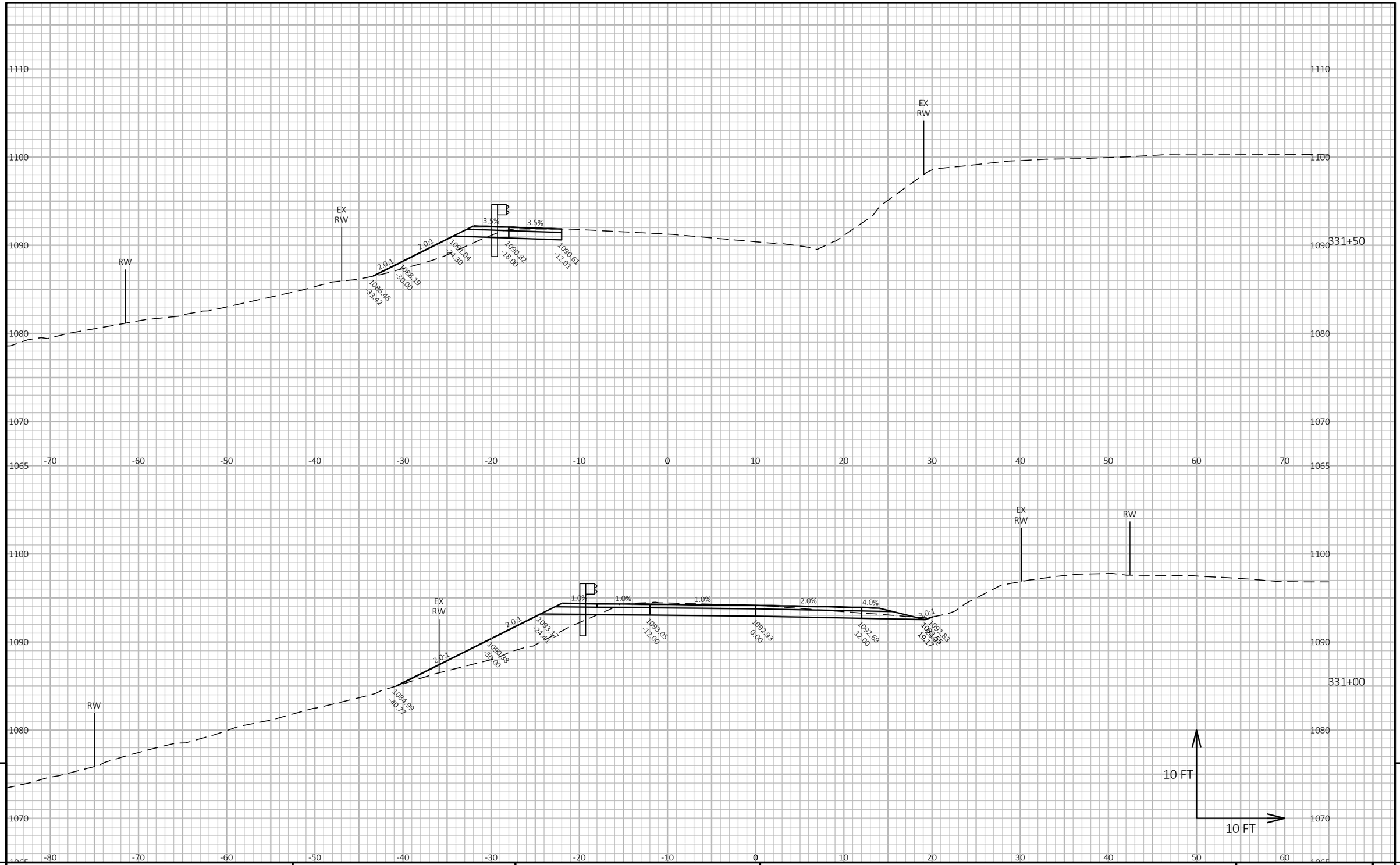
PLOT DATE : 7/15/2026 1:32 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 149	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 49

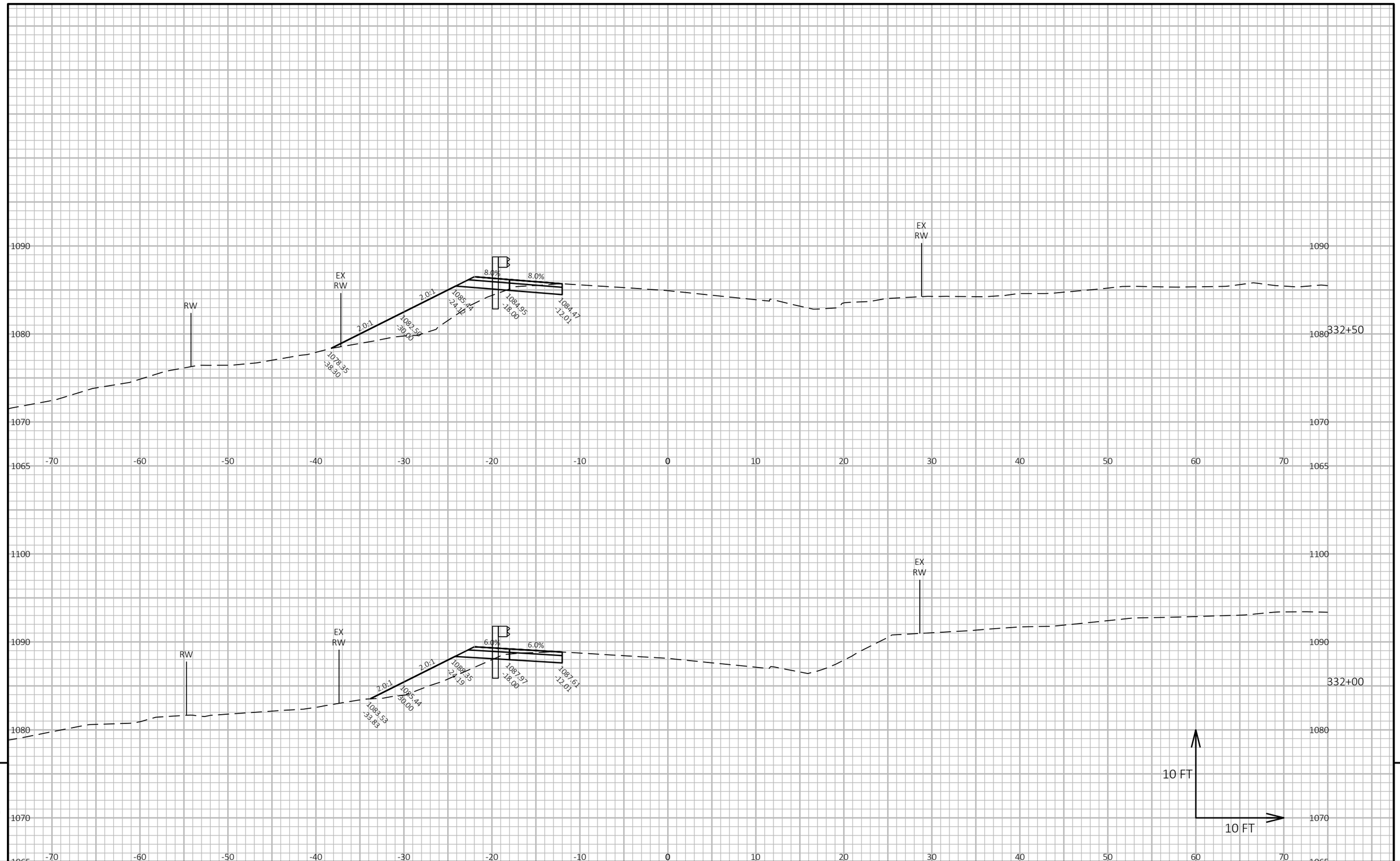
PLOT DATE : 7/15/2026 1:32 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 150	E

9

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 50

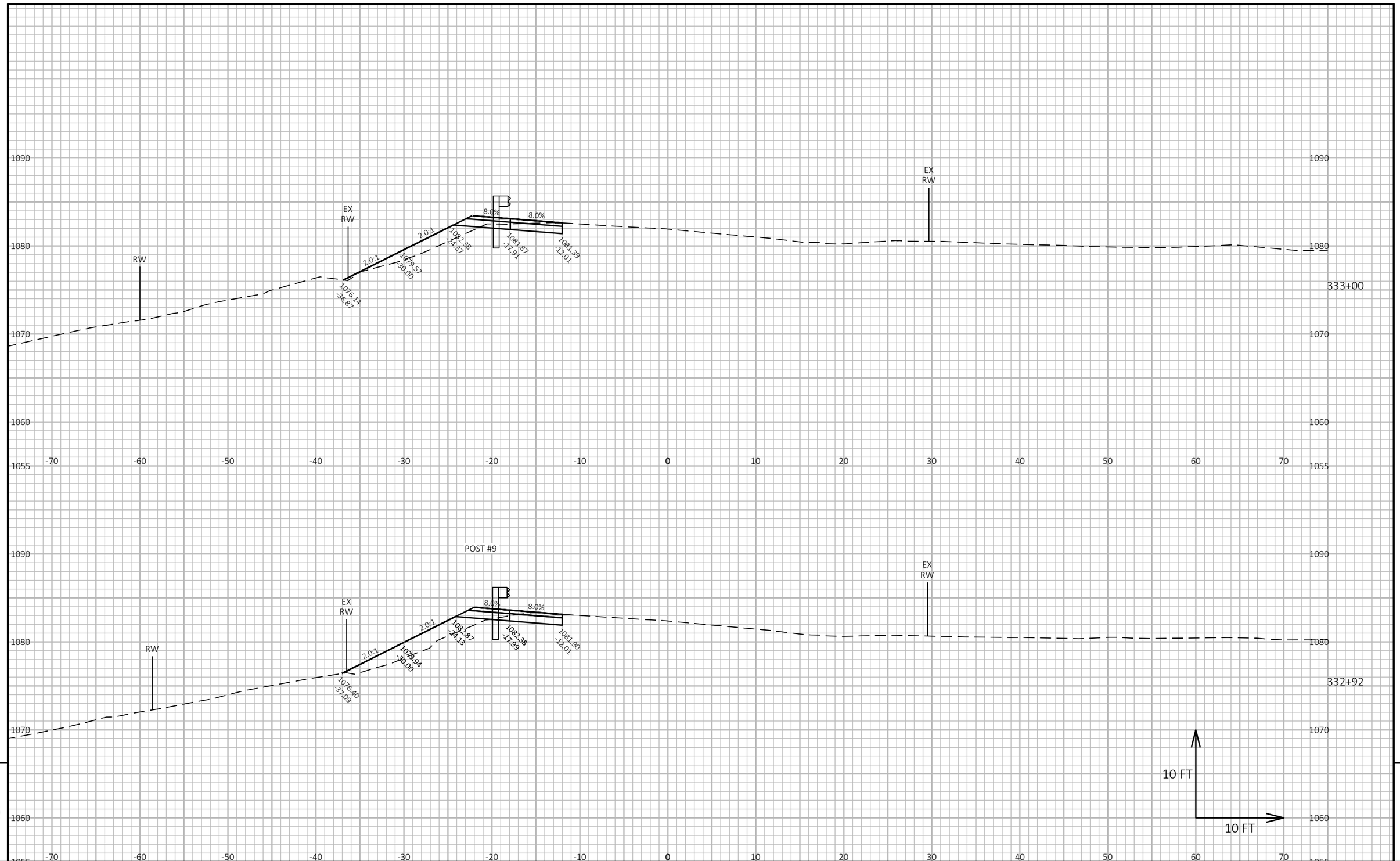
PLOT DATE : 7/15/2026 1:32 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 151	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 51

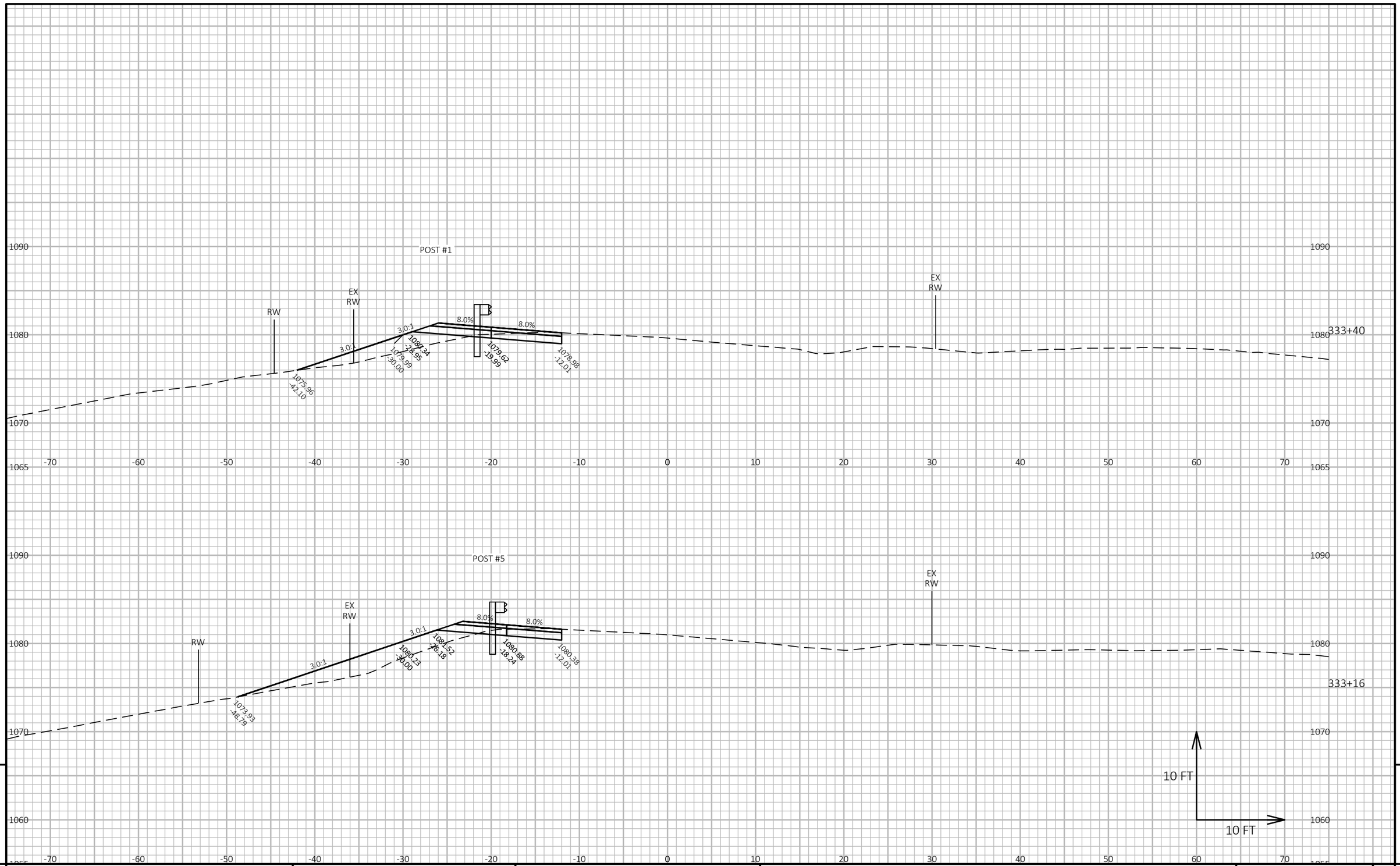
PLOT DATE : 7/15/2026 1:32 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 152	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 52

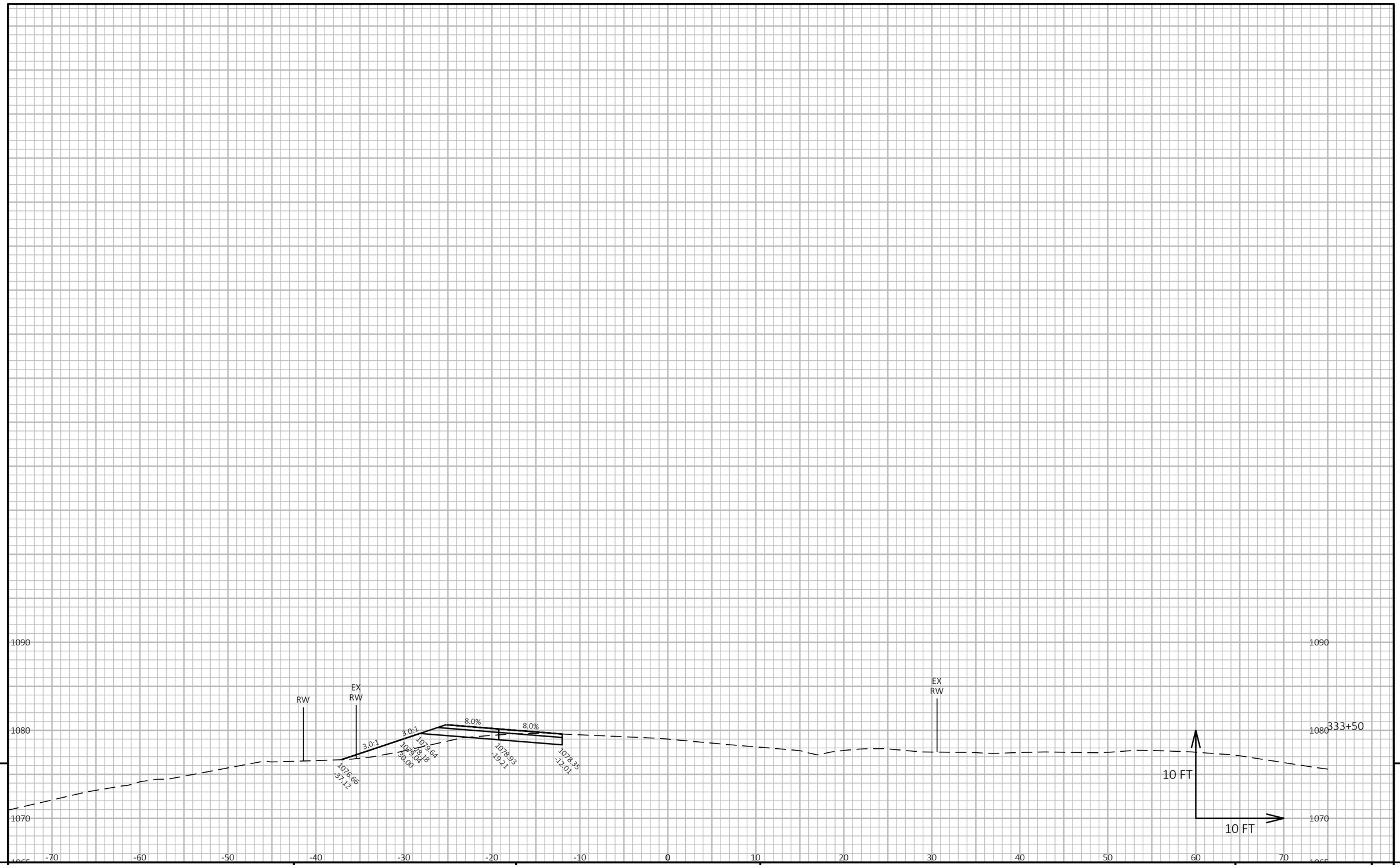
PLOT DATE : 7/15/2026 1:32 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



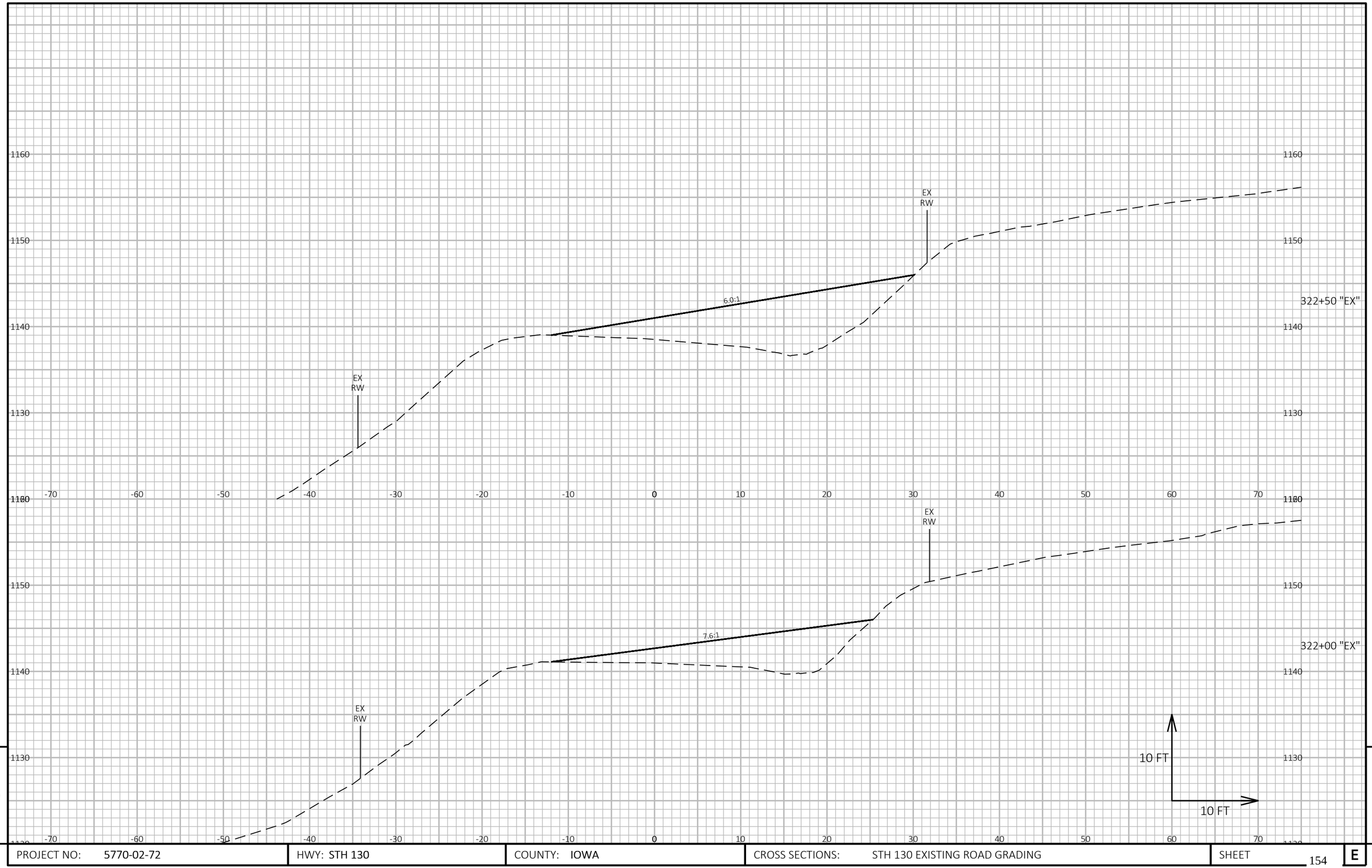
9 9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130	SHEET 153	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 53

PLOT DATE : 7/15/2026 1:32 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

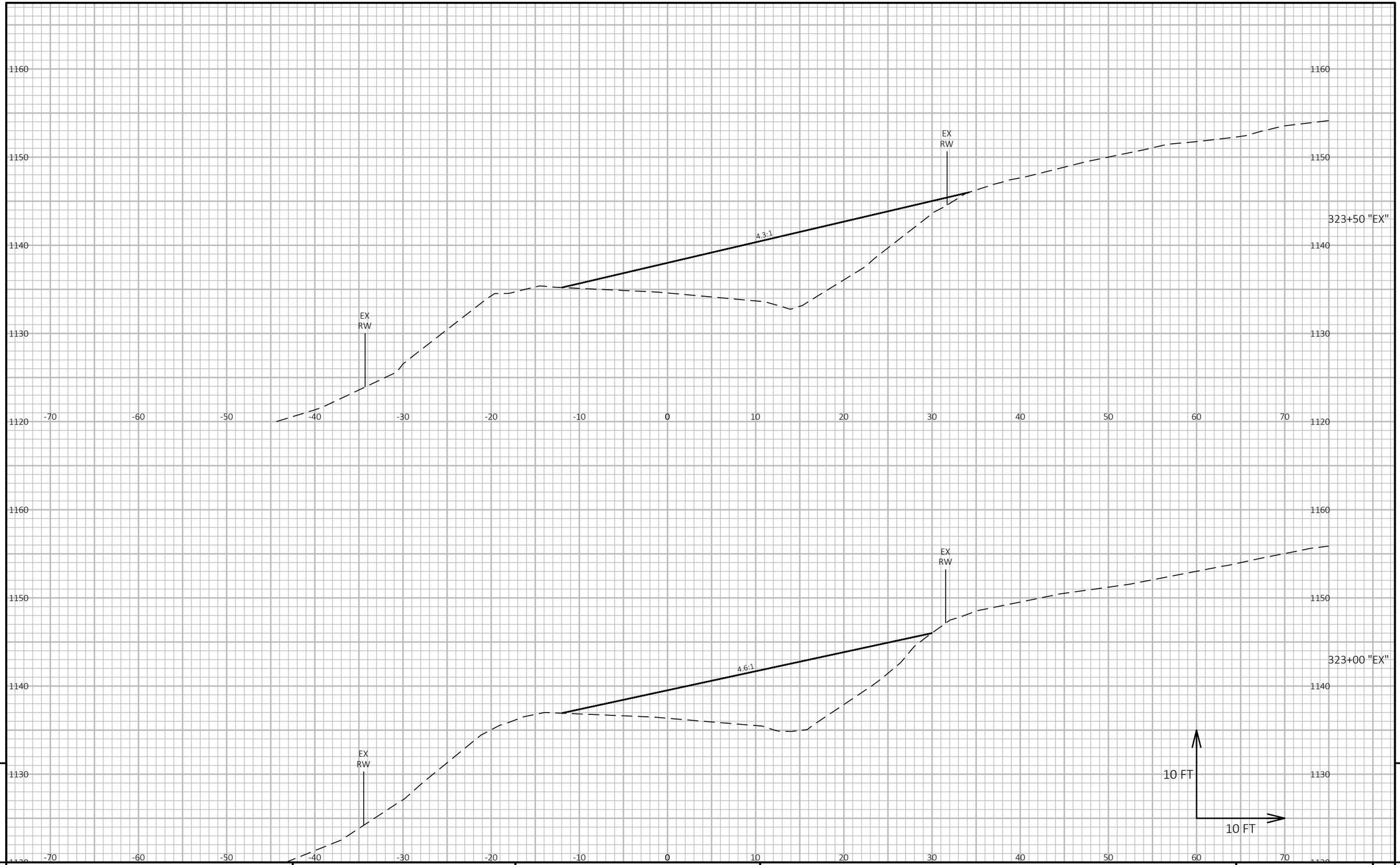
PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130 EXISTING ROAD GRADING	SHEET 154	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 54

PLOT DATE : 7/15/2026 1:32 PM PLOT BY : CLEMENTS, ERIN A PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130 EXISTING ROAD GRADING	SHEET 155	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 55

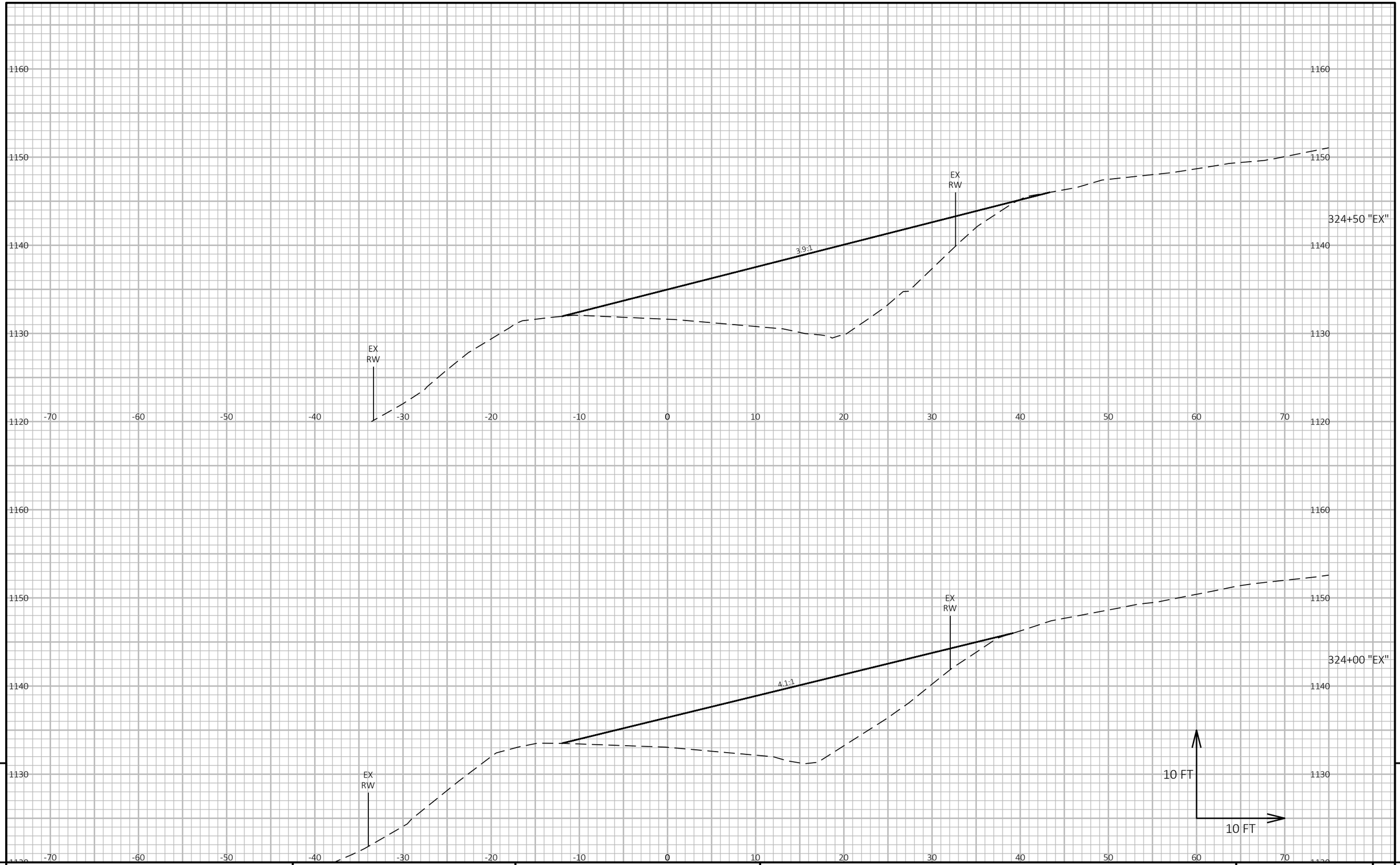
PLOT DATE : 7/15/2026 1:33 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130 EXISTING ROAD GRADING	SHEET 156	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 56

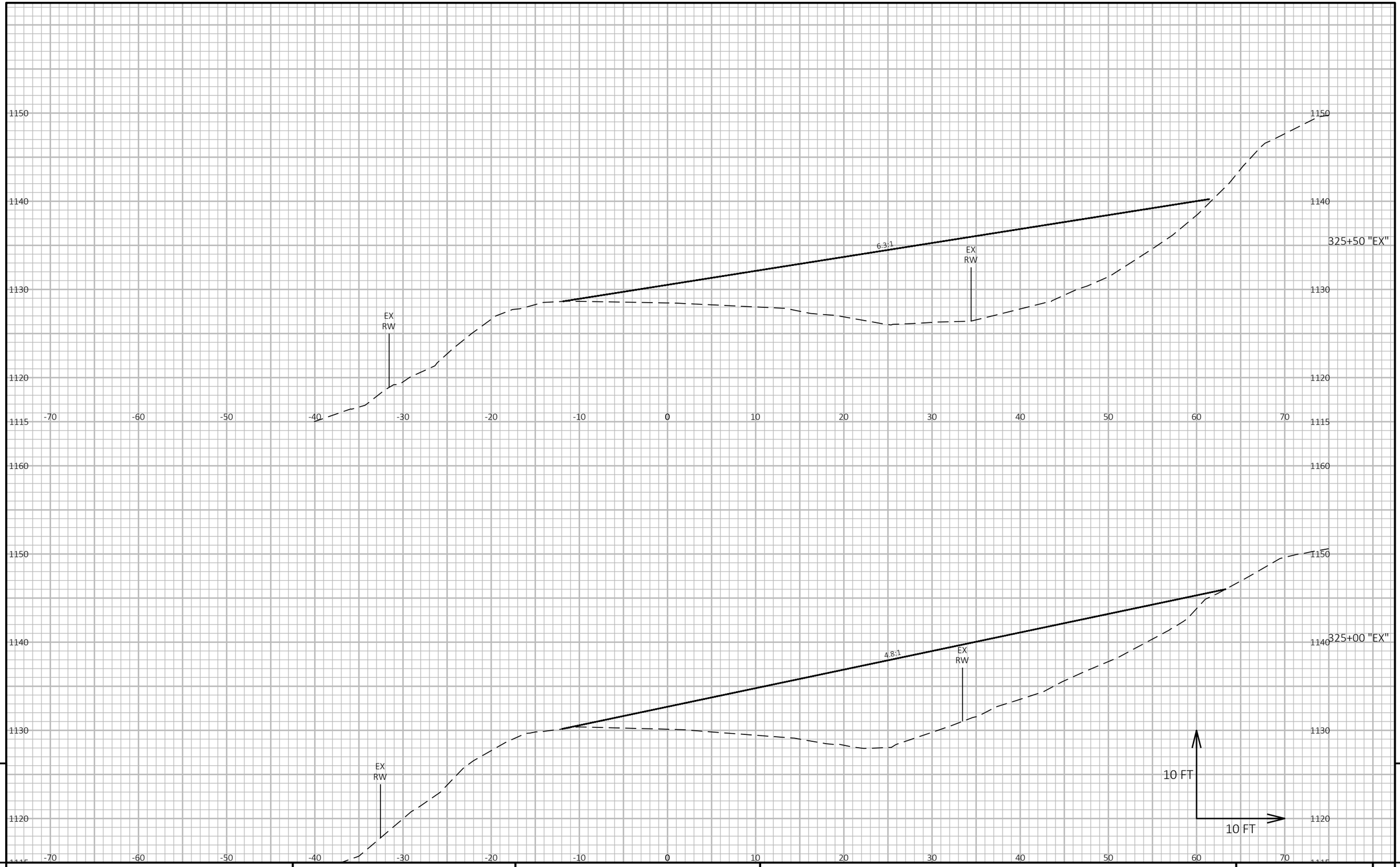
PLOT DATE : 7/15/2026 1:33 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130 EXISTING ROAD GRADING	SHEET 157	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 57

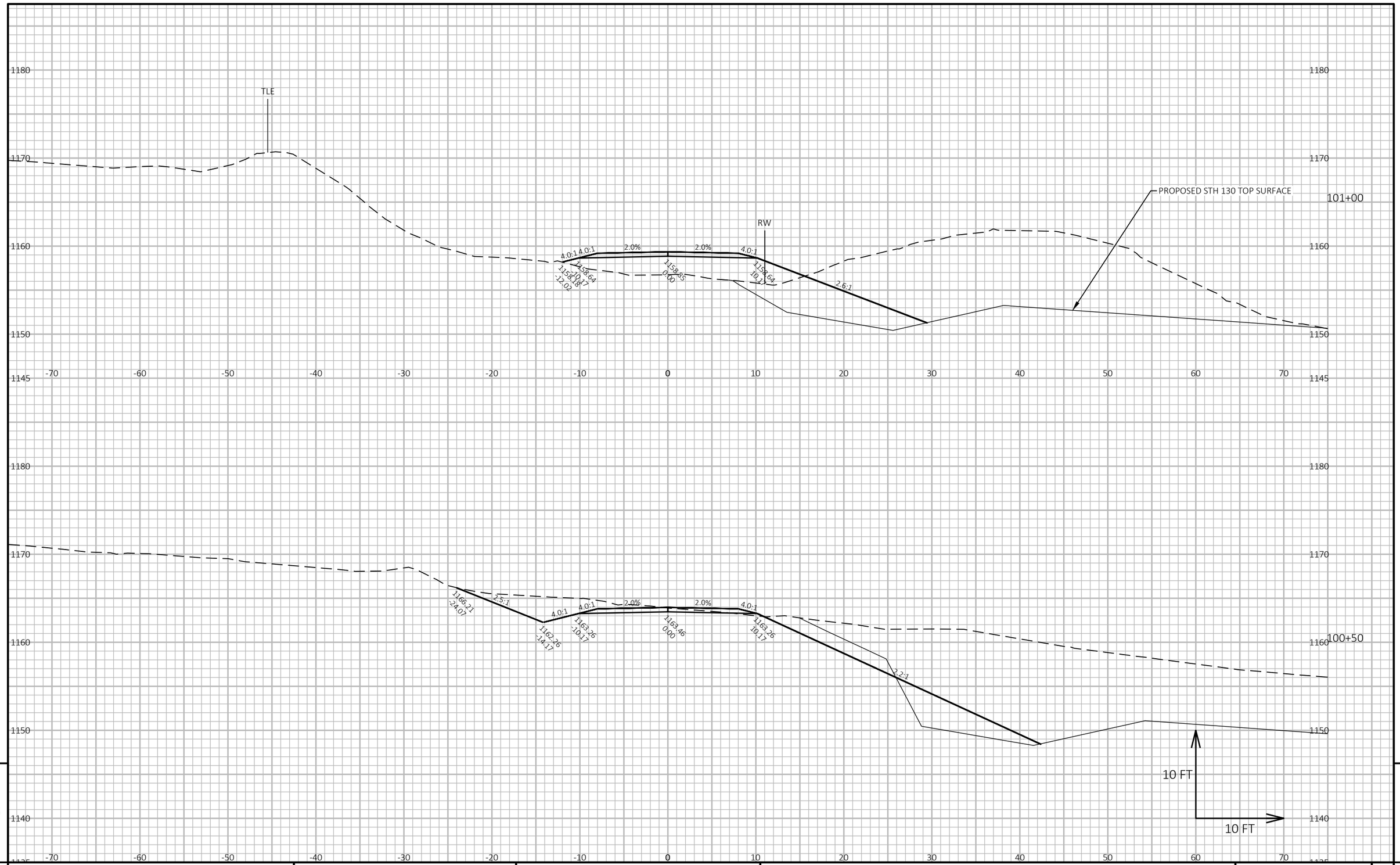
PLOT DATE : 7/15/2026 1:33 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130 DRIVEWAY	SHEET 158	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - DWY-1

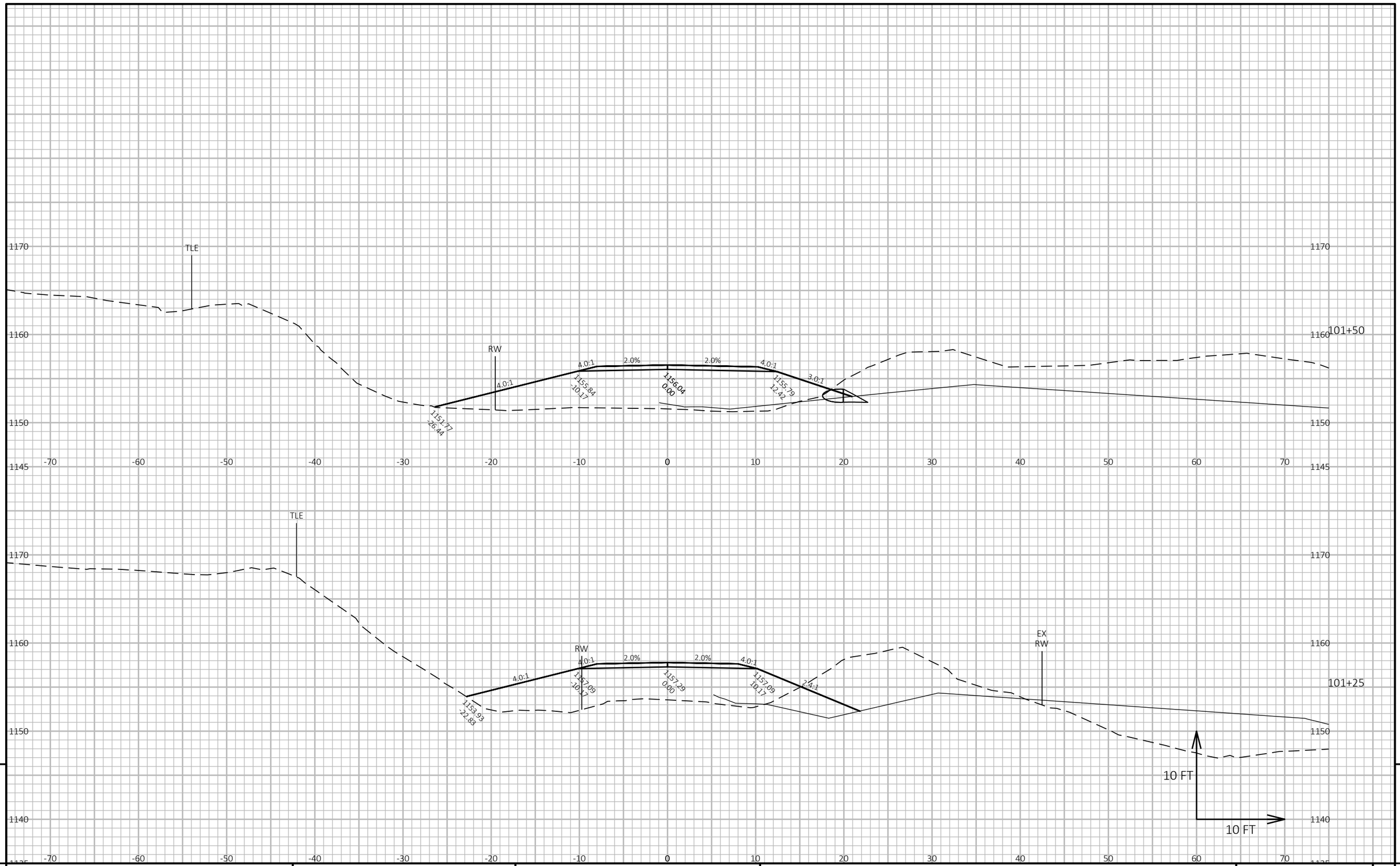
PLOT DATE : 7/15/2026 1:33 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130 DRIVEWAY	SHEET 159	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - DWY-2

PLOT DATE : 7/15/2026 1:33 PM

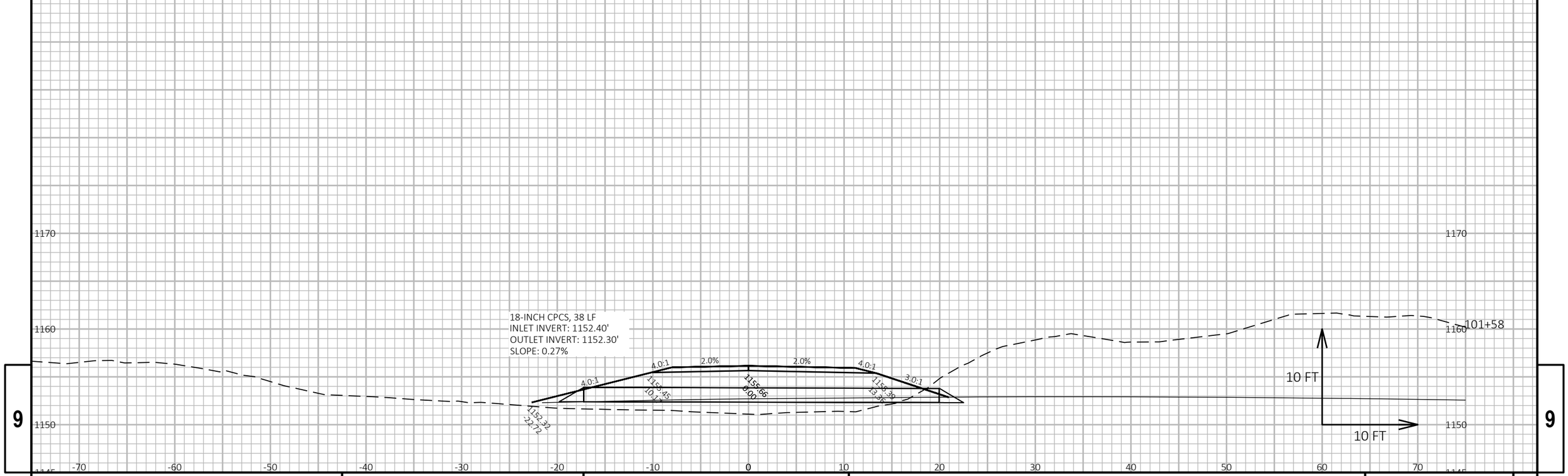
PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

18-INCH CPCS, 38 LF
INLET INVERT: 1152.40'
OUTLET INVERT: 1152.30'
SLOPE: 0.27%



PROJECT NO: 5770-02-72	HWY: STH 130	COUNTY: IOWA	CROSS SECTIONS: STH 130 DRIVEWAY	SHEET 160	E

FILE NAME : N:\PDS\C3D\57700202\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - DWY-3

PLOT DATE : 7/15/2026 1:33 PM

PLOT BY : CLEMENTS, ERIN A

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov