SUP

PROJECT ID: 8800-00-70

WITH: N/A

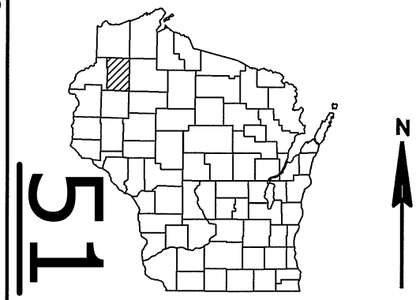
COUNTY: WASHBURN

FEBRUARY 2025

ORDER OF SHEETS

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

TOTAL SHEETS = 268



51

N

DESIGN DESIGNATION

A.A.D.T.	2025	=	2370 & 1855
A.A.D.T.	2045	=	2620 & 2050
D.H.V.		=	314 & 246
D.D.		=	60/40
T.		=	10%
DESIGN SPEED		=	30, 50, & 55 MPH
ESALS		=	680,000 & 540,000

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

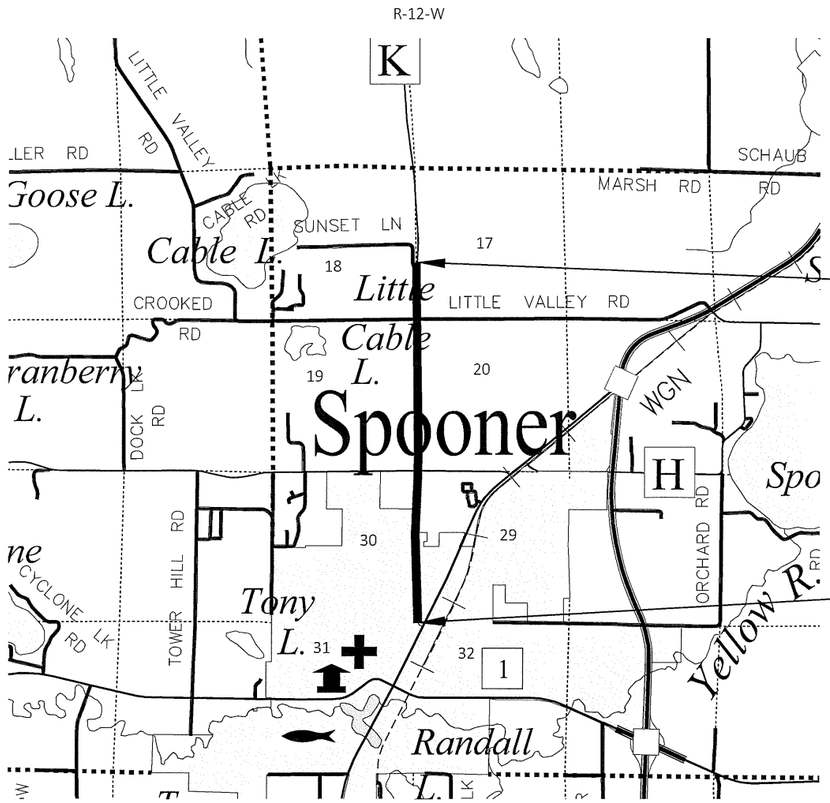
SPOONER - STH 77

USH 63 TO SUNSET LANE

CTH K

WASHBURN COUNTY

STATE PROJECT NUMBER
8800-00-70



END PROJECT
STA 136+40.39
Y = 582221.9602
X = 741376.5997

BEGIN PROJECT
STA 10+39.00
Y = 569672.4669
X = 741521.0735

LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 2.39 MILES

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WASHBURN 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 (1991). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8800-00-70	WISC 2025337	1

ACCEPTED FOR
Washburn County

DATE 10-24-24 Brian Dambach
{Signature}

HIGHWAY COMMISSIONER
{Title}

ORIGINAL PLANS PREPARED BY

Cedar CORPORATION

MENOMONIE - MADISON - GREEN BAY - CEDARBURG
www.cedarcorp.com
800-472-7372

WISCONSIN
WILLIAM A. BETZIG
E-27689
HARTLAND, WI
PROFESSIONAL ENGINEER

DATE: 10/24/2024
{Professional Engineer Signature}

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	CEDAR CORPORATION
Designer	CEDAR CORPORATION
Project Manager	TOU YANG, P.E.
Regional Examiner	NW REGION
Regional Supervisor	TOU YANG, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 10/29/2024
{Signature}

E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\8800007(\SHEETSPLAN\010101-TI.DWG

PLOT DATE : 10/28/2024 4:16 PM

PLOT BY : BILL BETZIG

PLOT NAME :

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.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD AND COORDINATED WITH THE REC IF DURING SPECIFIC TIME FRAME, PER ENVIRONMENTAL COMMITMENT.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOP SOILED, SEEDED, FERTILIZED, AND COVERED WITH EROSION MAT.

WHEN THE QUANTITY OF ITEMS MEASURED FOR PAYMENT BY THE TON, THE THICKNESS OF THE MATERIAL THAT IS SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF MATERIAL AS DIRECTED BY THE ENGINEER.

SANITARY MANHOLES AND WATER VALVE BOXES WILL BE ADJUSTED BY THE CITY.

EXISTING CULVERTS IN RURAL SEGMENT WILL REMAIN.

DNR CONTACT

DNR NORTHERN REGION HEADQUARTERS
810 WEST MAPLE STREET
SPOONER, WI 54801
ATTN: SHAWN HASELEU
PH: (715) 416-0478
EMAIL: shawn.haseleu@wisconsin.gov

DESIGN CONSULTANT CONTACT

CEDAR CORPORATION
604 WILSON AVENUE
MENOMONIE, WI 54751
ATTN: BILL BETZIG, P.E.
PH: (608) 237-5841
EMAIL: bill.betzig@cedarcorp.com

MUNICIPALITY

(WATER, SEWER, ELECTRIC)
CITY OE SPOONER
515 NORTH SUMMIT STREET / P.O. BOX 548
SPOONER, WI 54801
ATTN: GARY JOHNSON - UTILITY SUPERINTENDENT
PH: (715) 635-8769
EMAIL: johnsong@cityofspooner.org

UTILITY CONTACTS

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com
**DENOTES UTILITIES THAT ARE NOT DIGGERS HOTLINE MEMBERS.

COMMUNICATION
BRIGHTSPEED
1409 JOHN AVENUE
SUPERIOR, WI 54880
ATTN: MICHAEL COUGHLIN
PH: (980) 376-1865
EMAIL: michael.coughlin@brightspeed.com

COMMUNICATION
SPECTRUM (CHARTER) COMMUNICATIONS
1810 LAKESHORE DRIVE EAST
ASHLAND, WI 54806
ATTN: RYAN NELSON, CONSTRUCTION COORDINATOR II
PH: (715) 979-5015
EMAIL: ryan.nelson@charter.com

ELECTRIC
BARRON ELECTRIC COOPERATIVE
1550 PAULSON DRIVE / P.O. BOX 261
SPOONER, WI 54801
ATTN: TYLER T, NANSTAD - LINE SUPERINTENDENT
PH: (715) 637-6131
EMAIL: tnanstad@barronelectric.com

ELECTRIC
XCEL ENERGY, INC.
1400 WESTERN AVE
EAU CLAIRE, WI 54701
ATTN: JOHN KELSER
PH: (715) 737-6020
EMAIL: john.kelser@xcelenergy.com

GAS
WE ENERGIES
104 W. SOUTH STREET
RICE LAKE, WI 54868
ATTN: STEVEN CHAVERS
PH: (715) 234-9605
EMAIL: steven.chavers@we-energies.com

RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = 11.46 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 10.15 ACRES

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AGG	AGGREGATE
ET AL	AND OTHERS
AADT	ANNUAL AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCHMARK
C/L OR ℄	CENTERLINE
Δ	CENTRAL ANGLE OR DELTA
CLR	CLEAR
CONC	CONCRETE
CONST	CONSTRUCTION
COR	CORNER
CMP	CORRUGATED METAL PIPE
CTH	COUNTY TRUNK HIGHWAY
CR	CREEK
CFS	CUBIC FEET/SECOND
CULV	CULVERT
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DIA	DIAMETER
E	EAST
EL	ELEVATION
EST	ESTIMATED
FPS	FEET PER SECOND
FE	FIELD ENTRANCE
FT	FOOT (FEET)
FTG	FOOTING
FDN	FOUNDATION
FF	FRONT FACE
IP	IRON PIN
LT	LEFT
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
MAX	MAXIMUM
MI	MILE
MIN	MINIMUM
NC	NORMAL CROWN
N	NORTH
NE	NORTHEAST
NW	NORTHWEST
NO	NUMBER
OFF	OFFSET
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
POL	POINT ON LINE
PE	PRIVATE ENTRANCE
PL	PROPERTY LINE
PSI	POUNDS/SQUARE INCH
PROP	PROPOSED
R	RADIUS
RR	RAILROAD
REBAR	REINFORCEMENT BAR
REQ'D	REQUIRED
RT	RIGHT
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
RD	ROAD
SEC	SECTION
S	SOUTH
SE	SOUTHEAST
SW	SOUTHWEST
STH	STATE TRUNK HIGHWAY
STA	STATION
SE	SUPER ELEVATION
T	TANGENT
TEL	TELEPHONE
TEMP	TEMPORARY
TI	TEMPORARY INTEREST
TLE	TEMPORARY LIMITED EASEMENT
TL OR T/L	TRANSIT LINE
T	TRUCKS
TYP	TYPICAL
U/G	UNDERGROUND
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
V	VELOCITY
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
W	WEST
YB	YARD

2

2

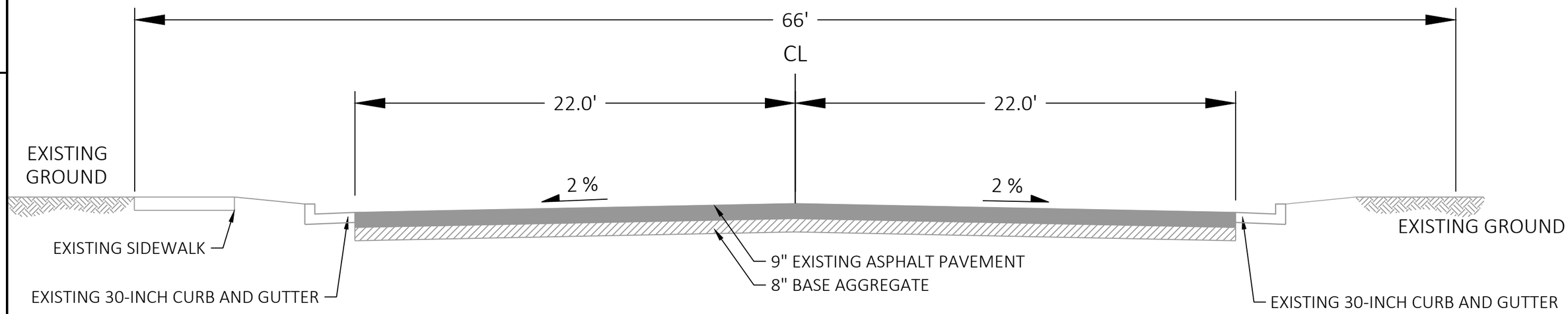
BENCHMARKS & CONTROL POINTS

NO.		STATION	O/S	DESCRIPTION	ELEV.	EASTING	NORTHING
BM	1	135+15.32	-57.7	BM COTTON_SPINDLE	1,134.267'	741312.8146'	582099.9331'
BM	2	NA	NA	BM BM TNH	1,090.606'	741577.2194'	569675.2863'
BM	3	15+09.05	26.7	BM BM TNH	1,095.680'	741446.7416'	570096.2231'
BM	4	19+58.53	29.5	BM BM TNH	1,102.430'	741439.7431'	570546.0041'
BM	5	24+68.35	20.6	BM BM TNH	1,106.319'	741415.6270'	571055.3854'
BM	6	38+82.78	-32.8	BM BM COTTON_SPINDLE	1,147.681'	741309.4827'	572466.8599'
BM	7	64+42.24	57.5	BM BM COTTON_SPINDLE	1,100.949'	741503.6928'	575024.1156'
BM	8	93+40.95	-53.6	BM BM COTTON_SPINDLE	1,127.887'	741351.2487'	577922.3242'
BM	9	117+78.96	60.9	BM BM COTTON_SPINDLE	1,115.776'	741428.0447'	580361.5476'
CP	100	135+90.01	-58.4	CP CP MAG_NAIL	1,133.902'	741315.8053'	582174.5667'
CP	101	117+56.63	55.6	CP CP MAG_NAIL	1,119.041'	741422.9057'	580339.1699'
CP	102	94+99.63	-41.2	CP CP 3/4RB	1,128.349'	741360.8062'	578081.2052'
CP	103	64+99.02	56.6	CP CP MAG_NAIL	1,105.116'	741503.5591'	575081.0612'
CP	104	41+20.87	38.8	CP CP MAG_NAIL	1,145.089'	741378.5807'	572705.4300'
CP	105	32+73.14	-41.4	CP CP MAG_NAIL	1,130.180'	741324.7932'	571857.3558'
CP	106	24+08.85	93.3	CP CP MAG_NAIL	1,099.774'	741490.1079'	570998.0310'
CP	107	16+59.44	-63.6	CP CP MAG_NAIL	1,096.030'	741353.8668'	570245.0159'
CP	108	10+37.46	-33.2	CP CP MAG_NAIL	1,087.930'	741507.4089'	569642.1691'
CP	300	130+56.41	50.8	RB 3/4RB	1,119.140'	741407.6481'	581638.0593'
CP	301	127+55.61	51.4	RB 3/4_RB	1,111.104'	741409.7083'	581338.0707'
CP	302	117+80.55	49.8	RB 3/4RB	1,115.762'	741416.9151'	580363.0343'
CP	310	130+56.39	50.8	RB 3/4RB	1,119.163'	741407.6602'	581638.0462'
CP	311	127+55.56	51.4	RB 3/4RB	1,111.185'	741409.7146'	581338.0275'
CP	313	107+32.46	50.2	RB 3/4RB	1,126.583'	741431.4598'	579315.3601'
CP	315	91+11.79	-52.9	RB RB 3/4RB	1,126.597'	741356.1036'	577693.2189'
CP	328	38+11.20	34.2	RB RB CAPPED	1,145.661'	741379.2736'	572397.9723'
CP	334	24+59.25	33.8	RB RB 3/4RB	1,103.094'	741429.0819'	571046.7311'
CP	335	23+64.13	72.3	PROP PROP SQUARE_BOLT	1,100.105'	741470.4377'	570952.6946'
CP	337	20+22.65	33.2	PROP PROP SQUARE_BOLT	1,099.406'	741441.5373'	570610.2032'
CP	339	15+10.98	37.4	PROP PROP SQUARE_BOLT	1,091.504'	741457.4269'	570098.3328'
CP	340	NA	NA	PROP PROP MAG_NAIL	1,088.069'	741548.5470'	569611.9305'
CP	345	29+57.80	-29	RB RB 3/8RB	1,121.603'	741349.6392'	571542.7485'
CP	4301	122+89.25	50.5	RB 3/4_RB	1,111.289'	741413.0136'	580871.7246'



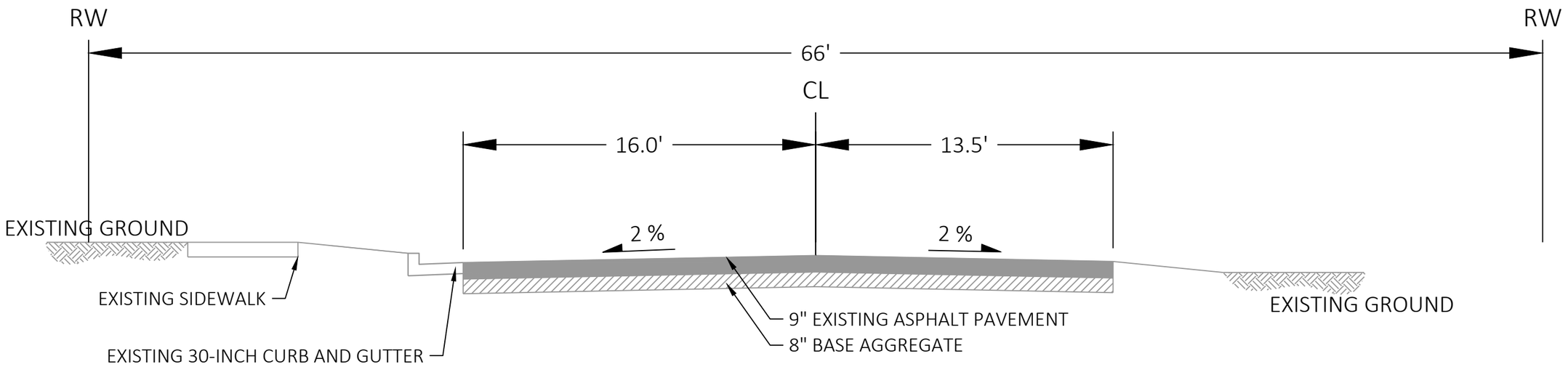
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PROJECT OVERVIEW	SHEET 4	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 020201-po
PLOT DATE : 8/28/2024 9:50 AM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : ##########



EXISTING TYPICAL SECTION

STA 10+39 - STA 14+15

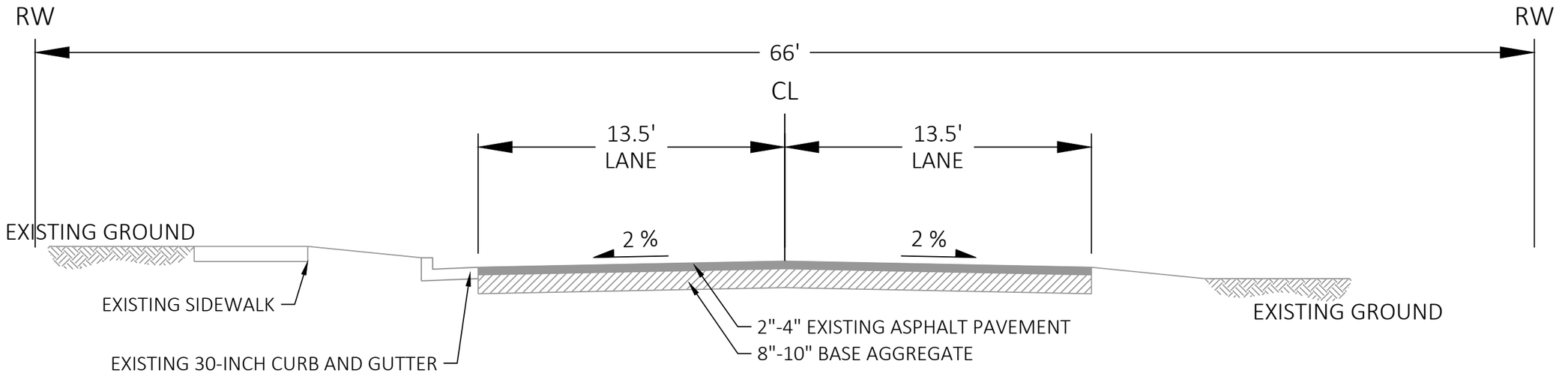


EXISTING TYPICAL SECTION

STA 14+15 - STA 17+75

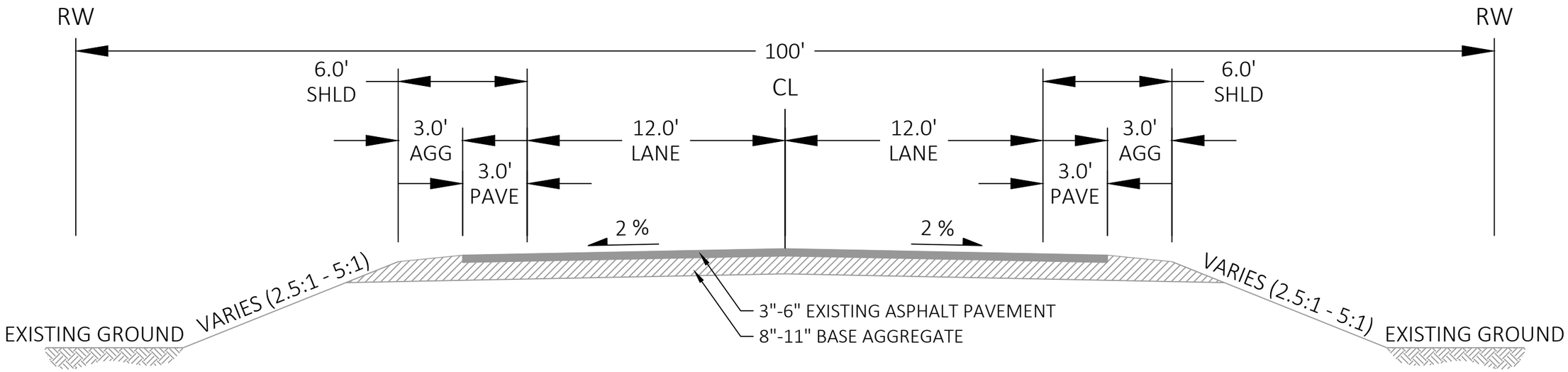
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FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 01-5ft
PLOT DATE : 12/12/2024 2:56 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:5 FT



EXISTING TYPICAL SECTION

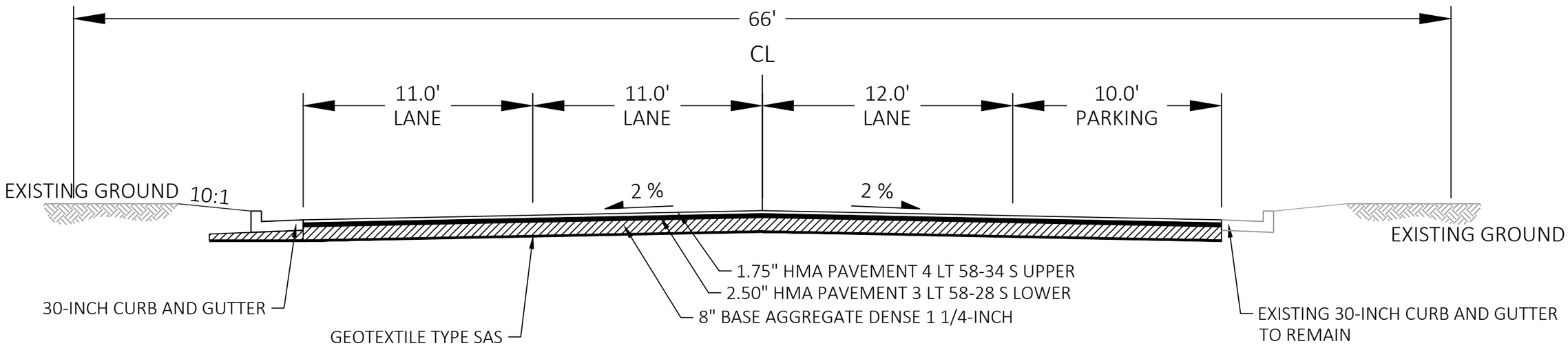
STA 17+75 - STA 39+00



EXISTING TYPICAL SECTION

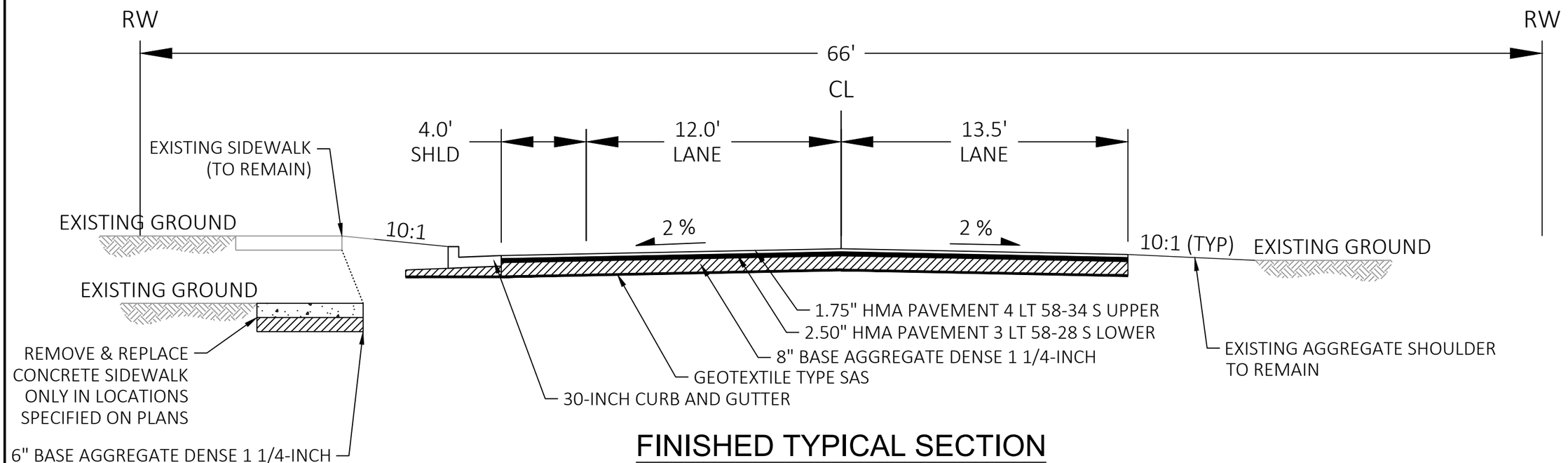
STA 39+00 - STA 136+40

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EXISTING TYPICAL SECTION	SHEET 6	E



FINISHED TYPICAL SECTION

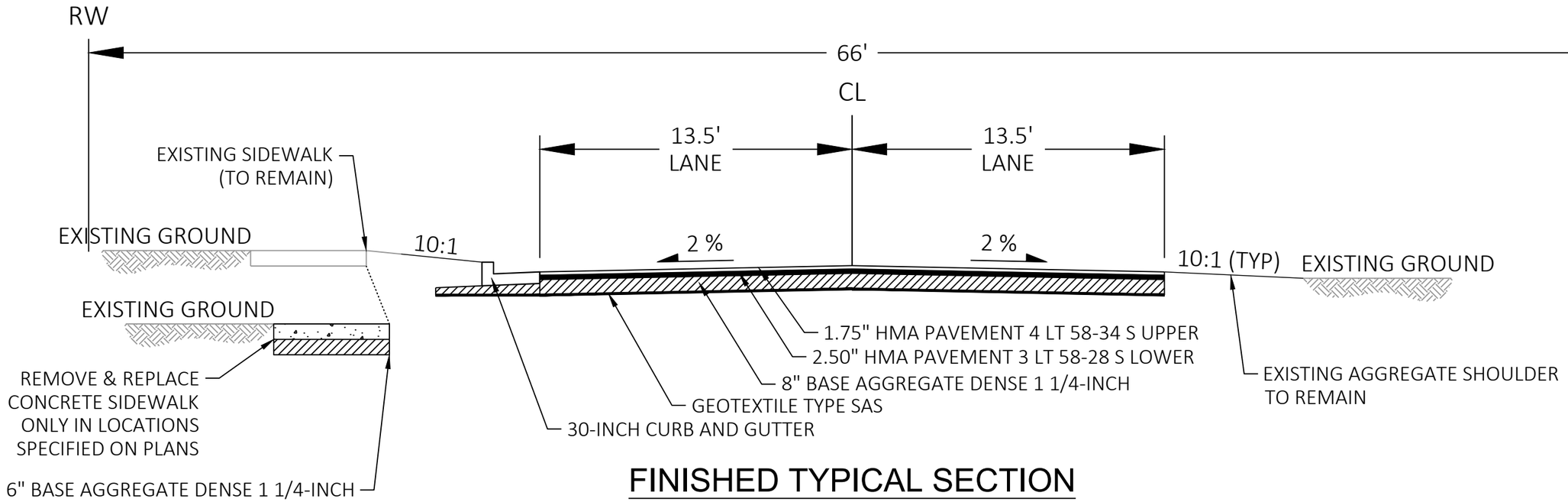
STA 10+39 - STA 14+15



FINISHED TYPICAL SECTION

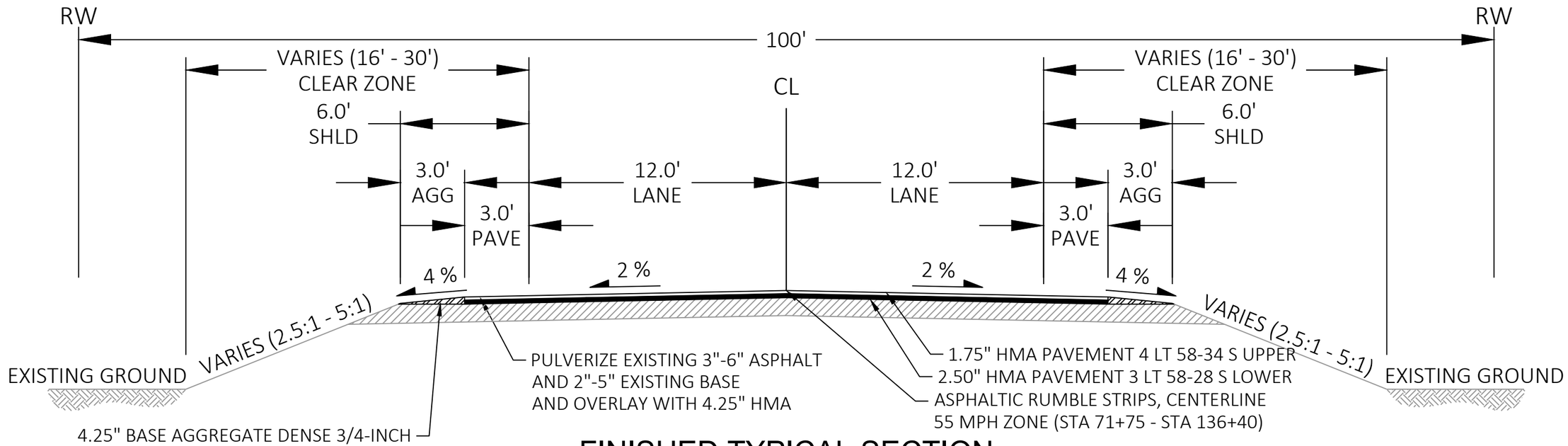
STA 14+15 - STA 17+75

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PROPOSED TYPICAL SECTION	SHEET 7	E



FINISHED TYPICAL SECTION

STA 17+75 - STA 39+00

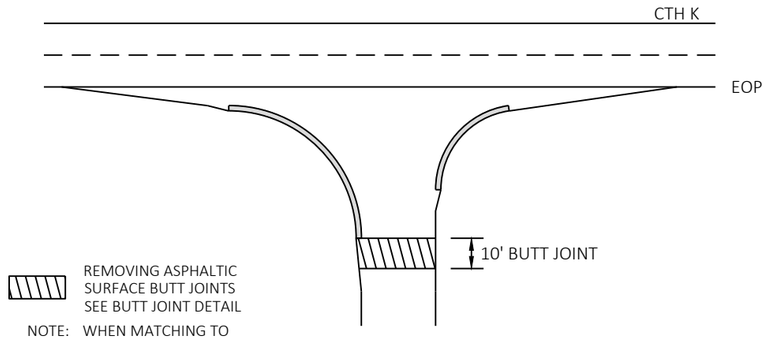


FINISHED TYPICAL SECTION

STA 39+00 - STA 136+40

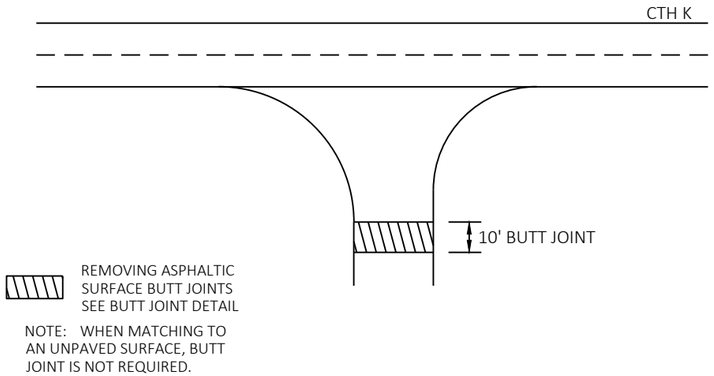
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PROPOSED TYPICAL SECTION	SHEET 8	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 04-5ft
PLOT DATE : 12/12/2024 2:56 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



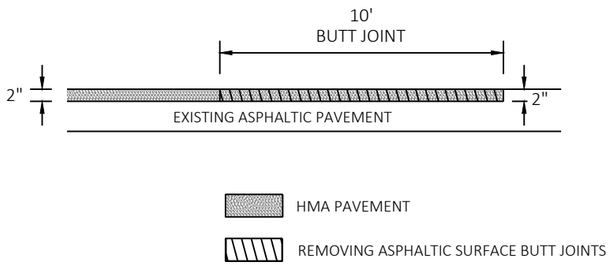
SIDE ROADS WITH CURB AND GUTTER

CTH A



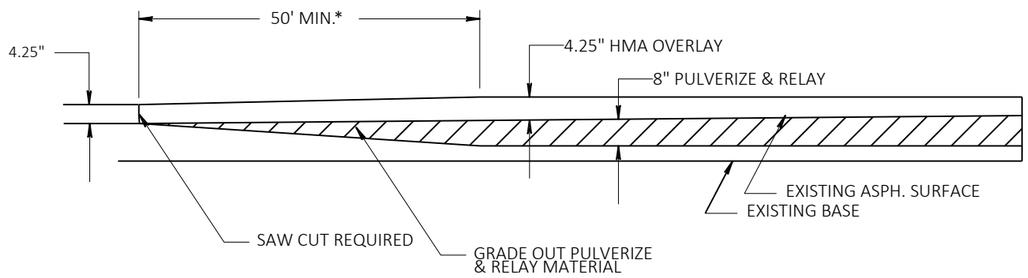
SIDE ROADS WITHOUT CURB AND GUTTER

SCHOOL ENTRANCE
LITTLE VALLEY ROAD



SIDEROAD BUTT JOINTS

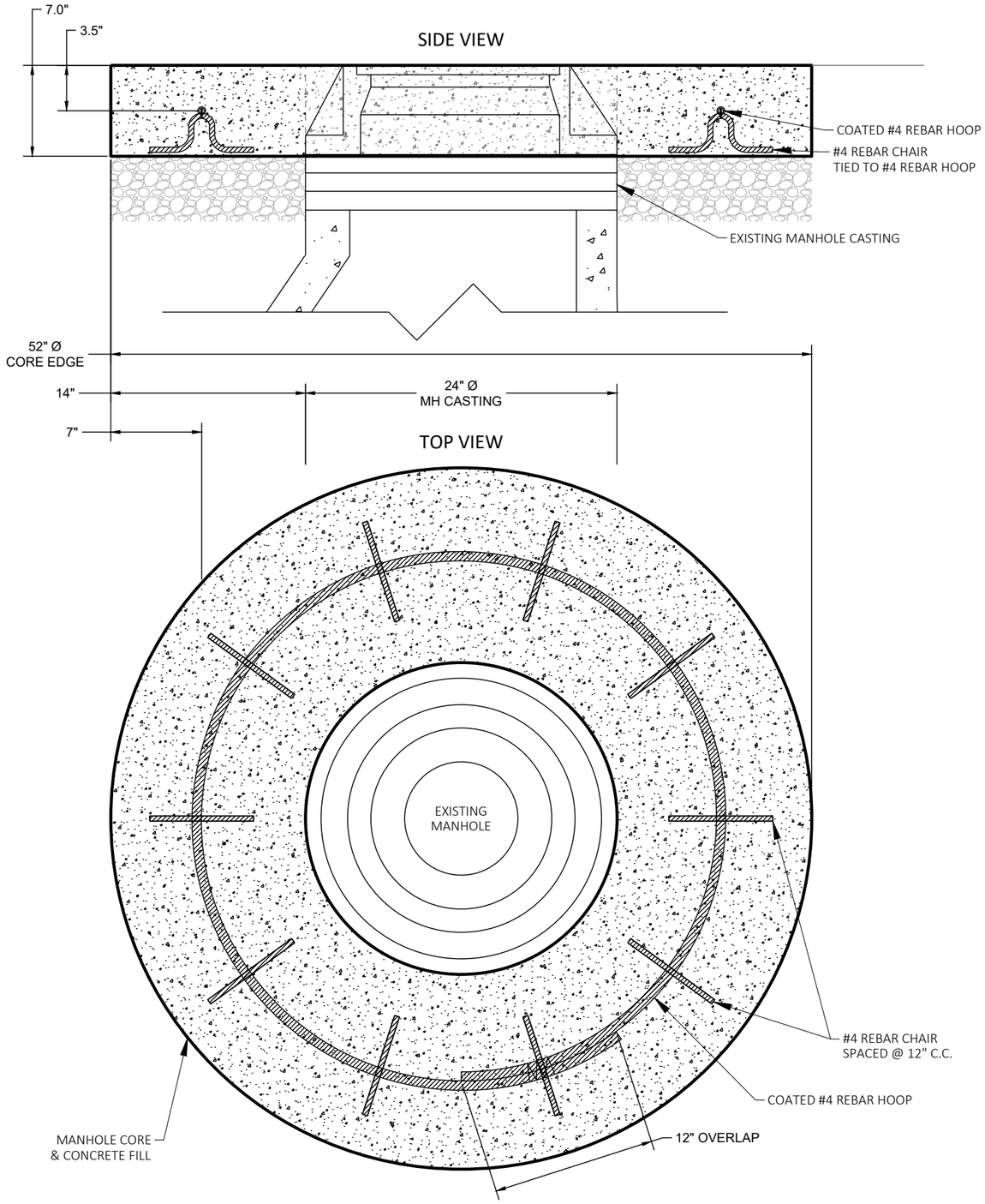
CTH A
SCHOOL ENTRANCE
LITTLE VALLEY ROAD



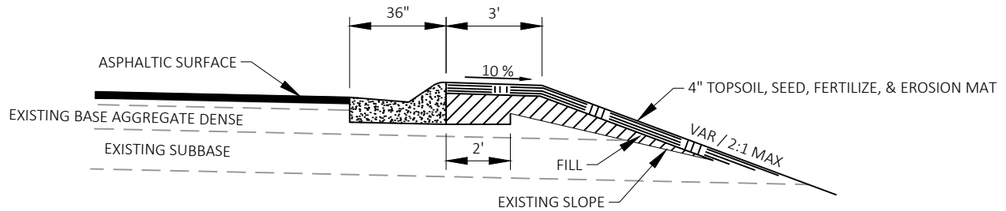
MAINLINE BUTT JOINTS

CTH K

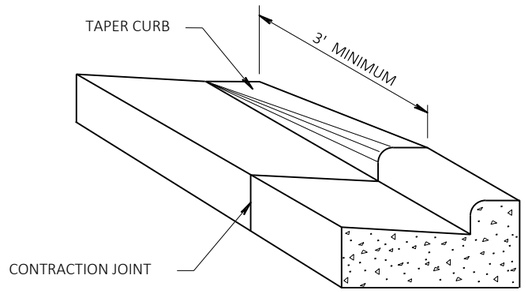
* EXACT DIMENSIONS TO BE DETERMINED
BY THE ENGINEER IN THE FIELD.



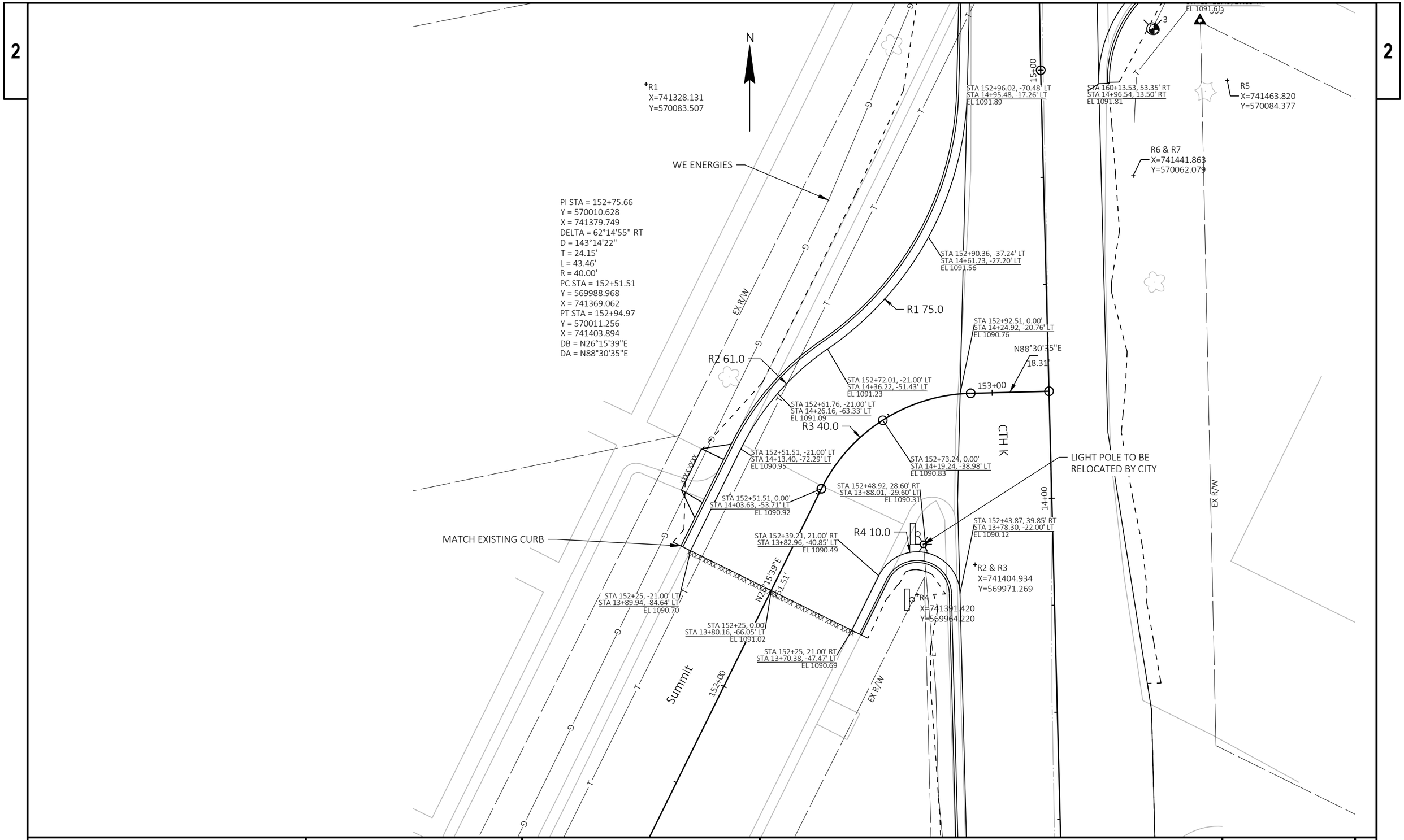
MANHOLE CORE WITH CONCRETE REPLACEMENT



DETAIL OF CURB & GUTTER INSTALLATION AT INTERSECTIONS



DETAIL OF URBAN CURB & GUTTER TERMINI



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 11	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 1

PLOT DATE : 12/12/2024 3:25 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

2

EX R/W

MATCH EXISTING CURB

STA 160+66.87, -15.25' LT
STA 15+50.58, 71.45' RT
EL 1091.68

STA 160+66.87, 0.00'
STA 15+37.05, 64.41' RT
EL 1091.63

STA 160+57.17, -15.25' LT
STA 15+55.06, 62.84' RT
EL 1091.88

R7 90.2

S63°30'38"
42.83'

Cedar

PI STA = 160+39.53
Y = 570137.386
X = 741458.899
DELTA = 27°29'10" RT
D = 76°23'40"
T = 18.34'
L = 35.98'
R = 75.00'
PC STA = 160+21.19
Y = 570137.067
X = 741440.559
PT STA = 160+57.17
Y = 570129.205
X = 741475.316
DB = N89°00'12"E
DA = S63°30'38"E

ASPHALTIC FLUME

STA 160+66.87, 15.25' RT
STA 15+23.53, 57.37' RT
EL 1091.41

STA 160+57.17, 0.00'
STA 15+41.53, 55.80' RT
EL 1091.76

STA 160+54.77, 0.00'
STA 15+42.61, 53.66' RT
EL 1091.80

STA 160+44.83, -15.24' LT
STA 15+60.80, 49.17' RT
EL 1092.20

STA 160+43.37, -15.25' LT
STA 15+61.33, 47.50' RT
EL 1092.24

R6 75.0

STA 160+39.18, 0.00'
STA 15+47.85, 39.01' RT
EL 1092.16

R5
X=741463.820
Y=570084.377

339

EX R/W

N

R9
X=741452.156
Y=570178.275

STA 160+29.58, -15.25' LT
STA 15+64.69, 31.27' RT
EL 1092.68

R8
X=741452.268
Y=570171.837

STA 160+31.64, 27.04' RT
STA 15+22.49, 27.85' RT
EL 1091.612

R8 20.0

R5 30.0

STA 160+21.19, 0.00'
STA 15+50, 21.19' RT
EL 1092.59

R6 & R7
X=741441.863
Y=570062.079

STA 180+19.36, 19.86' RT
STA 16+05.14, 19.36' RT
EL 1093.43

STA 180+15.33, 25.64' RT
STA 15+99.36, 15.33' RT
EL 1093.49

STA 160+18.59, -21.23' LT
STA 15+71.23, 18.59' RT
EL 1093.06

STA 160+13.53, 53.35' RT
STA 14+96.54, 13.50' RT
EL 1091.81

STA 160+13.50, -34.56' LT
STA 15+84.56, 13.50' RT
EL 1093.44

STA 180+13.50, 34.00' RT
STA 15+91, 13.50' RT
EL 1093.57

N89°00'12"E
21.19'

STA 160+13.50, 0.00' RT
STA 15+50, 13.50' RT
EL 1092.77

CTH K

SAN

16+00

15+00

B-1
BORE

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 12	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 2

PLOT DATE : 12/12/2024 3:25 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

MATCH EXISTING CURB

Summit

STA 181+00, 14.00' RT
STA 16+55.58, 94.86' RT
EL 1092.07

STA 180+82.60, 14.00' RT
STA 16+40.14, 86.85' RT
EL 1092.44

PI STA = 180+63.22
Y = 570212.787
X = 741481.284
DELTA = 62°35'08" LT
D = 143°14'22"
T = 24.31'
L = 43.69'
R = 40.00'
PC STA = 180+38.91
Y = 570212.364
X = 741456.974
PT STA = 180+82.60
Y = 570234.562
X = 741492.101
BB = N89°00'12"E
DA = N26°25'04"E

STA 181+00, 0.00'
STA 16+62.03, 82.43' RT
EL 1092.45

181+00

67.40'
N26°25'04"E

R11 40.0

STA 181+00, -14.00' LT
STA 16+68.47, 70.00' RT
EL 1092.79

STA 180+82.60, 0.00'
STA 16+46.58, 74.42' RT
EL 1092.73

STA 180+60.76, 14.00' RT
STA 16+18.86, 66.96' RT
EL 1092.97

ASPHALTIC FLUME

STA 180+60.76, 0.00'
STA 16+30.82, 59.69' RT
EL 1093.08

R10 54.0

STA 180+82.60, -14.00' LT
STA 16+53.03, 61.99' RT
EL 1093.07

STA 180+50.69, 0.00'
STA 16+26.72, 50.52' RT
EL 1093.24

STA 180+65.88, -14.00' LT
STA 16+44.69, 55.14' RT
EL 1093.27

STA 180+60.76, -14.00' LT
STA 16+42.78, 52.41' RT
EL 1093.35

R12 26.0

STA 180+38.50, -14.00' LT
STA 16+39, 38.50' RT
EL 1093.79

STA 180+37.71, -14.01' LT
STA 16+39.01, 37.71' RT
EL 1093.81

R11 & R12
X=741456.278
Y=570252.358

R13
X=741455.886
Y=570251.351

EX R/W

STA 180+38.91, 14.00' RT
STA 16+11, 38.91' RT
EL 1093.24

R9
X=741452.156
Y=570178.275

STA 180+38.91, 0.00'
STA 16+25, 38.91' RT
EL 1093.56

STA 180+33.50, 14.00' RT
STA 16+11, 33.50' RT
EL 1093.29

R8
X=741452.268
Y=570171.837

STA 180+31.28, -15.07' LT
STA 16+40.07, 31.28' RT
EL 1094.01

STA 180+20.82, -21.32' LT
STA 16+46.32, 20.82' RT
EL 1094.30

STA 180+25.72, -17.51' LT
STA 16+42.51, 25.72' RT
EL 1094.07

STA 180+13.50, -39.00' LT
STA 16+64, 13.50' RT
EL 1095.02

STA 180+13.50, -65.00' LT
STA 16+90, 13.50' RT
EL 1095.54

R13 25.0

R9 20.0

N89°00'12"E
38.91'

STA 180+13.50, 0.00'
STA 16+25, 13.50' RT
EL 1094.25

CTH K

STA 180+19.36, 19.86' RT
STA 16+05.14, 19.36' RT
EL 1093.43

STA 180+15.33, 25.64' RT
STA 15+99.36, 15.33' RT
EL 1093.49

STA 180+13.50, 34.00' RT
STA 15+91, 13.50' RT
EL 1093.57

STA 160+66.87, -15.25' LT
STA 15+50.58, 71.45' RT
EL 1091.68

STA 160+57.17, -15.25' LT
STA 15+55.06, 62.84' RT
EL 1091.88

R7 90.2

STA 160+57.17, 0.00'
STA 15+41.53, 55.80' RT
EL 1091.76

STA 160+54.77, 0.00'
STA 15+42.61, 53.66' RT
EL 1091.80

STA 160+44.83, -15.24' LT
STA 15+60.80, 49.17' RT
EL 1092.20

STA 160+43.37, -15.25' LT
STA 15+61.33, 47.50' RT
EL 1092.24

R6 75.0

STA 160+29.58, -15.25' LT
STA 15+64.69, 31.27' RT
EL 1092.68

R8 20.0

STA 160+18.59, -21.23' LT
STA 15+71.23, 18.59' RT
EL 1093.06

STA 160+13.50, -34.56' LT
STA 15+84.56, 13.50' RT
EL 1093.44

N89°00'12"E
21.19'

N

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 13	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 3

PLOT DATE : 12/12/2024 3:25 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

N

EX R/W

R15
X=741381.237
Y=570265.979

2.0%

STA 170+89.05, -28.40' LT
STA 16+79.42, -15.89' LT
EL 1095.20

TRANSITION TO/FROM
REJECT CURB

R15 20.0

STA 170+82.09, -16.98' LT
STA 16+66.93, -20.68' LT
EL 1095.15

STA 170+76.98, -13.96' LT
STA 16+63.04, -25.16' LT
EL 1095.12

STA 170+69.48, -12.50' LT
STA 16+60.25, -32.28' LT
EL 1095.12

107

-2.0%

STA 170+45, -12.50' LT
STA 16+55.84, -56.35' LT
EL 1095.44

STA 170+75, 0.00'
STA 16+48.95, -24.59' LT
EL 1094.56

STA 170+83.73, 0.00'
STA 16+50.53, -16.00' LT
EL 1094.62

N78°36'49"E
100.00'

STA 170+45, 0.00'
STA 16+43.54, -54.10' LT
EL 1095.01

STA 170+45, 12.50' RT
STA 16+31.25, -51.84' LT
EL 1094.52

STA 170+63.44, 12.50' RT
STA 16+34.57, -33.71' LT
EL 1094.31

R14 15.0

CTH K

Rusk

MATCH EXISTING CURB

STA 170+74.96, 17.90' RT
STA 16+31.34, -21.40' LT
EL 1094.16

LIGHT POLE TO REMAIN
GRADE AROUND

R14
X=741387.165
Y=570205.968

STA 170+78.20, 30.21' RT
STA 16+19.82, -16.00' LT
EL 1094.01

⊙ GUY

16+00

EX R/W

G

E

OH

SAN

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 14	E

2

2

N

POST

337

EX R/W

R23
X=741440.511
Y=570605.159

STA 190+13.50, -37.64' LT
STA 20+17.64, 13.50' RT
EL 1101.64

STA 190+18.41, -25.09' LT
STA 20+05.09, 18.41' RT
EL 1100.79

R22 94.5

R23 18.5

WV

STA 190+28.97, -19.50' LT
STA 19+99.20, 30.52' RT
EL 1099.93

STA 190+43.51, -19.50' LT
STA 19+95.98, 48.53' RT
EL 1098.79

STA 190+58.05, -19.50' LT
STA 19+89.36, 65.57' RT
EL 1097.66

R21 75.0

STA 190+22.98, 0.00'
STA 19+80, 22.98' RT
EL 1100.83

N88°17'18"E
22.98'

STA 190+13.50, 0.00'
STA 19+80, 13.50' RT
EL 1101.62

STA 190+40.51, 0.00'
STA 19+77.96, 40.35' RT
EL 1099.44

STA 190+58.05, 0.00'
STA 19+71.95, 56.78' RT
EL 1098.27

STA 190+75, -19.50' LT
STA 19+81.71, 80.71' RT
EL 1096.61

PI STA = 190+40.84
Y = 570567.801
X = 741450.471
DELTA = 26°47'28" RT
D = 76°23'40"
T = 17.86'
L = 35.07'
R = 75.00'
PC STA = 190+22.98
Y = 570567.267
X = 741432.617
PT STA = 190+58.05
Y = 570560.230
X = 741466.648
DB = N88°17'18"E
DA = S64°55'13"E

R20 55.5

STA 190+75, 0.00'
STA 19+64.31, 71.92' RT
EL 1097.25

S64°55'13"E
41.95'

R19 15.0

CTH K

STA 190+33.24, 19.50' RT
STA 19+59.98, 30.55' RT
EL 1100.09

STA 190+45.64, 19.50' RT
STA 19+57.99, 39.49' RT
EL 1099.31

STA 190+58.05, 19.50' RT
STA 19+54.54, 47.99' RT
EL 1098.54

STA 190+64.74, 19.44' RT
STA 19+51.58, 54.00' RT
EL 1097.97

RELOCATE HYDRANT
BY CITY

STA 190+18.64, 23.57' RT
STA 19+56.43, 18.64' RT
EL 1101.09

STA 190+74.99, 19.50' RT
STA 19+46.91, 63.12' RT
EL 1097.11

R19
X=741439.179
Y=570532.569

IP

STA 190+13.50, 34.88' RT
STA 19+45.12, 13.50' RT
EL 1101.34

ASPHALTIC FLUME

Hazel

R20 R21 & R22
X=741434.857
Y=570492.301

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 15	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 5

PLOT DATE : 12/12/2024 3:25 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

2

N

R25
X=741371.072
Y=570736.010

EX R/W

STA 200+86.49, -34.08' LT
STA 21+50.51, -13.51' LT
EL 1100.82

STA 200+81.24, -20.57' LT
STA 21+37, -18.76' LT
EL 1100.87

R25 20.00

STA 200+63.51, -14.00' LT
STA 21+30.06, -37.70' LT
EL 1100.94

STA 200+68.24, -14.15' LT
STA 21+30.58, -31.76' LT
EL 1100.92

SAN

WV

STA 200+86.49, 0.00'
STA 21+16.43, -13.51' LT
EL 1101.04

STA 200+67.12, 0.00'
STA 21+16.43, -32.88' LT
EL 1101.14

N88°17'18"E
32.88'

N83°15'58"E
67.12'

STA 200+63.51, 0.00'
STA 21+16.11, -36.48' LT
EL 1101.16

STA 200+74.99, 0.00'
STA 21+16.43, -25.01' LT
EL 1101.10

CTH K

Smith

R24 20.00

STA 200+63.51, 14.00' RT
STA 21+02.17, -35.25' LT
EL 1101.31

STA 200+80, 19.44' RT
STA 20+96.99, -20.00' LT
EL 1101.28

21+00

GUY

STA 200+86.49, 34.19' RT
STA 20+82.24, -13.51' LT
EL 1101.26

R24
X=741373.111
Y=570667.779

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 16	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 6

PLOT DATE : 12/12/2024 3:25 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

2

N

IP

334

EX R/W

MATCH EXISTING CURB

STA 220+56.42, -51.77' LT
STA 210+50, -13.50' LT
STA 24+56.91, 68.91' RT
EL 1102.11

STA 220+65.22, -49.12' LT
STA 210+50, 0.00'
STA 24+50.76, 80.80' RT
EL 1101.80

STA 220+74.27, -47.65' LT
STA 210+50, 13.50' RT
STA 24+44.41, 92.71' RT
EL 1101.45

STA 220+74.08, -43.27' LT
STA 210+45.61, 13.50' RT
STA 24+40.53, 90.65' RT
EL 1101.24

STA 220+76.35, -29.79' LT
STA 210+32.32, 17.33' RT
STA 24+27.01, 87.77' RT
EL 1100.54

STA 220+78.98, -25.33' LT
STA 210+27.95, 20.80' RT
STA 24+21.51, 88.78' RT
EL 1100.46

+R30
X=741434.431
Y=571042.777

STA 220+13.49, -45.17' LT
STA 210+22.21, -61.46' LT
STA 24+55.13, 13.50' RT
EL 1103.84

STA 220+24.31, -24.39' LT
STA 210+08.97, -42.14' LT
STA 24+34.39, 24.31' RT
EL 1102.62

STA 220+53.67, -36.56' LT
STA 210+34.28, -13.50' LT
STA 24+43.24, 61.49' RT
EL 1102.03

STA 220+50.52, -28.31' LT
STA 210+25.19, -15.17' LT
STA 24+36.01, 55.74' RT
EL 1101.99

STA 220+47.04, -24.06' LT
STA 210+19.78, -18.02' LT
STA 24+32.58, 50.68' RT
EL 1101.98

STA 220+32.63, -20.50' LT
STA 210+09.55, -32.78' LT
STA 24+30.50, 32.85' RT
EL 1102.38

+R29
X=741508.902
Y=571018.515

N26°21'52"E
100.00'

High

EX R/W

SS

SAN

WV

POST

W

G

CTH K

R30 25.50

R28 100.00

R29 25.00

R27 82.00

R26 17.50

N88°17'18"E
31.59'

24+00

STA 220+13.50, 0.00'
STA ???, ???' ???
STA 24+10, 13.50' RT
EL 1102.75

STA 220+31.59, 0.00'
STA ???, ???' ???
STA 24+10, 31.59' RT
EL 1102.15

STA 220+57.56, 0.00'
STA 210+00, 0.00'
STA 24+06.65, 57.27' RT
EL 1101.31

STA 220+56.19, 0.00'
STA ???, ???' ???
STA 24+06.99, 55.94' RT
EL 1101.35

106

STA 220+90.58, -18.64' LT
STA 210+21.26, 32.85' RT
STA 24+09.94, 96.26' RT
EL 1100.25

STA 220+80.79, 0.00'
STA 210+02.64, 23.03' RT
STA 23+98.14, 78.83' RT
EL 1100.34

STA 221+00, -18.00' LT
STA 210+20.60, 42.27' RT
STA 24+04.93, 104.26' RT
EL 1099.68

STA 220+96.18, -18.00' LT
STA 210+20.61, 38.45' RT
STA 24+06.73, 100.90' RT
EL 1099.91

STA 221+00, 0.00'
STA 210+02.60, 42.23' RT
STA 23+89.06, 95.76' RT
EL 1099.54

STA 220+55.73, 18.00' RT
STA ???, ???' ???
STA 23+89.62, 51.20' RT
EL 1101.15

STA 220+30.84, 18.00' RT
STA ???, ???' ???
STA 23+92, 30.84' RT
EL 1102.06

STA 220+26.25, 18.66' RT
STA ???, ???' ???
STA 23+91.34, 26.25' RT
EL 1102.21

STA 220+18.57, 23.19' RT
STA ???, ???' ???
STA 23+86.81, 18.57' RT
EL 1102.17

STA 220+80.79, 18.00' RT
STA ???, ???' ???
STA 23+82.27, 70.33' RT
EL 1100.25

STA 221+00, 18.00' RT
STA ???, ???' ???
STA 23+73.20, 87.26' RT
EL 1099.40

221+00

S63°31'11"E
119.21'

Spruce

STA 220+13.50, 35.50' RT
STA ???, ???' ???
STA 23+74.50, 13.50' RT
EL 1102.04

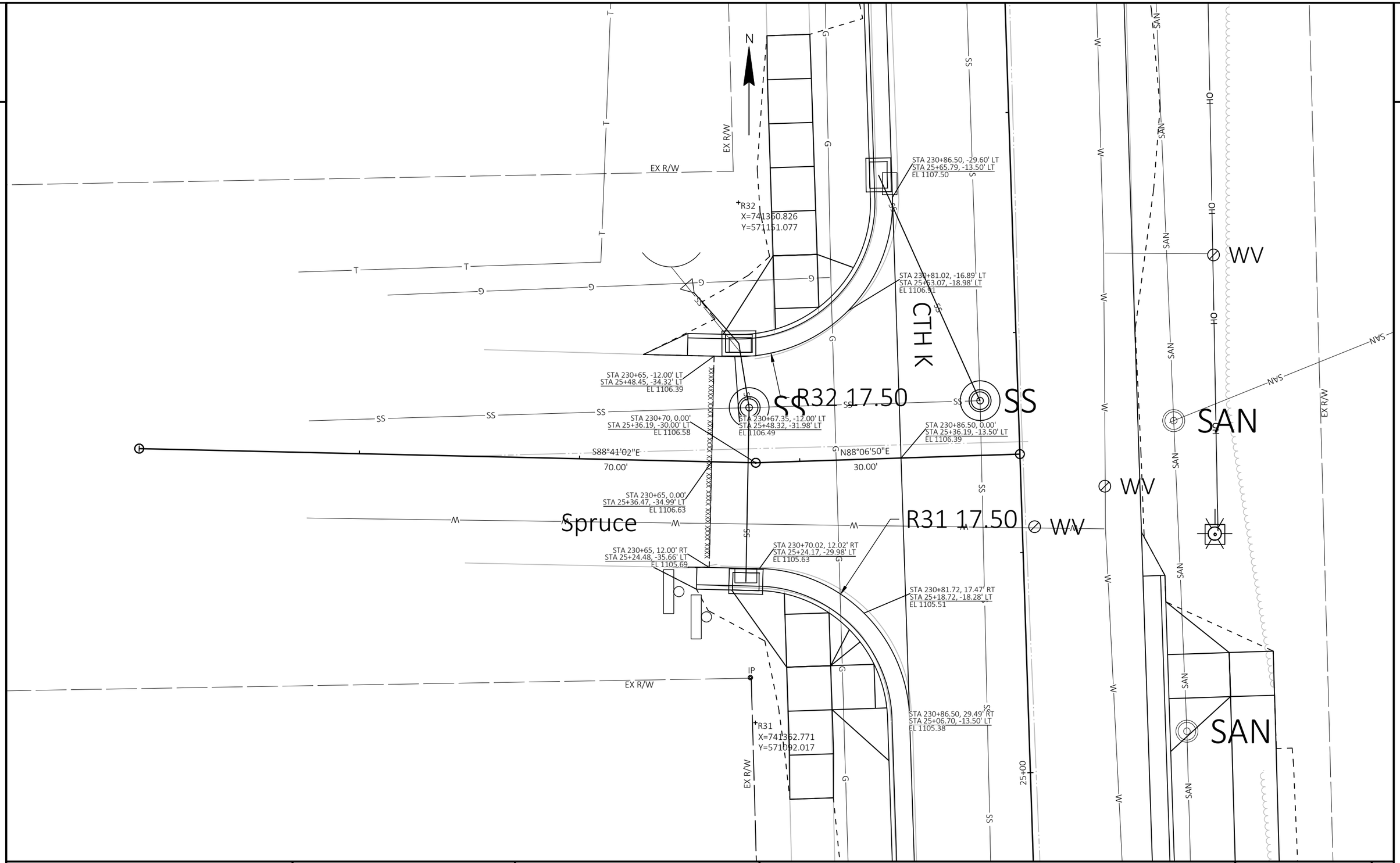
+R26
X=741428.853
Y=570961.828

+R27 & R28
X=741431.369
Y=570897.377

335

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 17	E

2



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 18	E

2

2

SAN

SS

R37 20.0

R36 89.0

R35 75.0

R34 61.0

R33 18.5

CTH K

POST

Balsam

RELOCATE POLE
BY CITY

ASPHALTIC FLUME

N

EX R/W

R37
X=741414.744
Y=571473.474

R34 R35 & R36
X=741410.749
Y=571364.547

R33
X=741415.440
Y=571406.787

IP

STA 240+13.50, -33.74' LT
STA 28+86.24, 13.50' RT
EL 1118.98

STA 240+18.87, -20.09' LT
STA 28+72.59, 18.87' RT
EL 1118.37

STA 240+30.03, -14.05' LT
STA 28+66.42, 30.79' RT
EL 1117.81

STA 240+31.14, -14.00' LT
STA 28+66.28, 32.11' RT
EL 1117.76

STA 240+46.86, -14.00' LT
STA 28+63.05, 50.45' RT
EL 1117.04

STA 240+13.50, 0.00'
STA 28+52.50, 13.50' RT
EL 1117.94

STA 240+25.92, 0.00'
STA 28+52.50, 25.92' RT
EL 1117.63

STA 240+62.58, -14.00' LT
STA 28+56.08, 67.71' RT
EL 1116.32

STA 240+65, -14.00' LT
STA 28+54.94, 69.85' RT
EL 1116.22

N88°06'50"E
25.92'

STA 240+44.25, 0.00'
STA 28+50.27, 44.07' RT
EL 1117.05

STA 240+36.69, 14.00' RT
STA 28+37.87, 34.65' RT
EL 1116.94

STA 240+49.63, 14.00' RT
STA 28+35.48, 44.89' RT
EL 1116.61

STA 240+28.38, 14.87' RT
STA 28+37.60, 27.90' RT
EL 1117.15

STA 240+65, 0.00'
STA 28+42.58, 63.27' RT
EL 1116.24

S63°52'47"E
37.42'

STA 240+62.58, 0.00'
STA 28+43.72, 61.14' RT
EL 1116.34

STA 240+65, 14.00' RT
STA 28+30.22, 56.70' RT
EL 1116.20

STA 240+19.89, 18.95' RT
STA 28+33.55, 19.89' RT
BORE EL 1117.06

STA 240+13.50, 32.94' RT
STA 28+19.56, 13.50' RT
EL 1116.90

PI STA = 240+44.63
Y = 571440.122
X = 741426.974
DELTA = 28°00'23" RT
D = 76°23'40"
T = 18.70'
L = 36.66'
R = 75.00'
PC STA = 240+25.92
Y = 571439.506
X = 741408.280
PT STA = 240+62.58
Y = 571431.888
X = 741443.768
DB = N88°06'50"E
DA = S63°52'47"E

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 19	E

2

2

MANHOLE ADJUSTED
BT CITY

SAN

GV

GV

WV

STA 250+13.50, -48.85' LT
STA 33+38.90, 13.50' RT
EL 1132.97

STA 250+13.50, -38.85' LT
STA 33+28.90, 13.50' RT
EL 1132.66

R42
X=741402.466
Y=571916.213

MANHOLE CASTING REPLACED
AND SET TO FINAL GRADE
BY BRIGHTSPEED

R41 90.0

R42 25.0

R40 75.0

R39 60.0

R38 18.5

CTH K

EX R/W

N

R39 R40 & R41
X=741390.717
Y=571801.815

STA 250+19.62, -22.47' LT
STA 33+12.52, 19.62' RT
EL 1132.12

STA 250+26.40, -16.63' LT
STA 33+06.55, 27.31' RT
EL 1131.83

STA 250+31.11, -15.12' LT
STA 33+04.55, 32.87' RT
EL 1131.77

STA 250+22.27, 0.00'
STA 32+90.06, 22.27' RT
EL 1131.41

STA 250+32.89, -15.00' LT
STA 33+04.15, 34.97' RT
EL 1131.72

STA 250+44.15, -15.00' LT
STA 33+01.25, 48.15' RT
EL 1131.43

STA 250+55.41, -15.00' LT
STA 32+96.41, 60.75' RT
EL 1131.15

STA 250+60, -15.00' LT
STA 32+94.45, 64.91' RT
EL 1131.05

N87°44'59"E
22.27'

STA 250+13.50, 0.00'
STA 32+90.06, 13.50' RT
EL 1131.46

STA 250+34.10, 0.00'
STA 32+89.12, 34.05' RT
EL 1131.35

STA 250+38.84, 0.00'
STA 32+88.23, 38.70' RT
EL 1131.30

STA 250+40.02, 15.00' RT
STA 32+73.38, 36.34' RT
EL 1130.80

STA 250+47.71, 15.00' RT
STA 32+71.63, 42.24' RT
EL 1130.68

STA 250+60, 0.00'
STA 32+80.89, 58.49' RT
EL 1131.06

STA 250+55.41, 0.00'
STA 32+82.85, 54.34' RT
EL 1131.11

STA 250+60, 15.00' RT
STA 32+67.33, 52.08' RT
EL 1130.47

S66°56'02"E
44.59'

SAN

33+00

251+00

PEDESTAL ADJUSTED
BY BRIGHTSPEED

ASPHALTIC FLUME

Poplar

STA 250+20.55, 20.12' RT
STA 32+69.93, 20.55' RT
EL 1130.72

STA 250+13.50, 34.66' RT
STA 32+55.40, 13.50' RT
EL 1130.39

R38
X=741398.857
Y=571842.509

IP

PI STA = 250+39.11
Y = 571877.419
X = 741404.604
DELTA = 25°18'59" RT
D = 76°23'40"
T = 16.84'
L = 33.14'
R = 75.00'
PC STA = 250+22.27
Y = 571876.757
X = 741387.772
PT STA = 250+55.41
Y = 571870.819
X = 741420.102
DB = N87°44'59"E
DA = S66°56'02"E

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 20	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 10
PLOT DATE : 12/12/2024 3:26 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

33' PERMANENT
STREET EASEMENT

DIVISION STREET

EX R/W

MATCH EXISTING CURB

+R44
X=741386.709
Y=572483.110

STA 270+46.40, -19.00' LT
STA 38+65.91, 46.93' RT
EL 1145.61

STA 270+43.62, -19.00' LT
STA 38+65.99, 44.15' RT
EL 1145.63

STA 270+46.40, 0.00'
STA 38+46.92, 46.38' RT
EL 1145.76

STA 270+46.40, 19.00' RT
STA 38+27.93, 45.83' RT
EL 1145.97

EX R/W

+R43
X=741390.517
Y=572385.145

EX R/W

ASPHALTIC FLUME

EX R/W

GRADE PULVERIZED MATERIAL
TO MATCH INTO URBAN PAVEMENT

R44 30.0

N89°23'47"E
100.00'

R43 30.0

WALL 328

STA 270+23.82, -26.47' LT
STA 38+74.03, 24.57' RT
EL 1145.79

STA 270+22.69, -27.51' LT
STA 38+75.10, 23.47' RT
EL 1145.81

STA 270+25.04, 27.93' RT
STA 38+19.61, 24.23' RT
EL 1145.60

STA 270+19.02, 36.75' RT
STA 38+10.98, 17.95' RT
EL 1145.41

STA 270+16.40, 49.41' RT
STA 37+98.39, 14.98' RT
EL 1144.97

STA 270+15.01, 0.00'
STA 38+47.82, 15.00' RT
EL 1145.58

STA 270+13.63, -48.22' LT
STA 38+96.10, 15.00' RT
EL 1146.11

B-4
BORE

CTH K

39+00

38+00

GUY

GUY

PROJECT NO: 8800-00-70 | HWY: CTH K | COUNTY: WASHBURN | INTERSECTION DETAIL | SHEET 21 | E

2

2

N

R48
X=741319.547
Y=573161.920

FO

R48 175.0

REMOVING ASPHALTIC
SURFACE BUTT JOINTS

Y=573272.694
X=741303.022
R45

Y=573398.928
X=741297.840
R46

PI STA = 285+47.23
Y = 573335.329
X = 741266.774
DELTA = 30°12'23" RT
D = 32°44'26"
T = 47.23'
L = 92.26'
R = 175.00'
PC STA = 285+00.00
Y = 573310.281
X = 741226.734
PT STA = 285+92.26
Y = 573336.832
X = 741313.979
DB = N57°58'13"E
DA = N88°10'36"E

STA 286+05, 0.00'
STA 47+50.31, -44.83' LT
EL 1120.44

STA 286+05, -20.43' LT
STA 47+70.66, -46.59' LT
EL 1119.17

STA 286+05, 20.89' RT
STA 47+29.50, -43.04' LT
EL 1120.09

STA 286+20.88, -36.68' LT
STA 47+88.22, -32.16' LT
EL 1119.22

STA 286+27.92, -58.29' LT
STA 48+10.35, -27.00' LT
EL 1119.29

STA 286+33.47, -122.70' LT
STA 48+75, -27.00' LT
EL 1117.76

STA 286+23.80, 41.02' RT
STA 47+11.06, -22.59' LT
EL 1120.95

STA 286+29.08, 68.05' RT
STA 46+84.58, -15.00' LT
EL 1122.71

STA 286+34.94, 0.00'
STA 47+52.88, -15.00' LT
EL 1120.90

286+00

N 1,396,201.88
E 277,575

R45 50.0

R46 50.0

EX R/W

CTH K

47+00

48+00

49+00

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 22	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 12

PLOT DATE : 12/12/2024 3:26 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

N

EX R/W

R53
X=741366.228
Y=575140.516

STA 291+25.19, -72.49' LT
STA 65+56.98, -25.00' LT
EL 1107.28

GUY

GUY

HO FO OH G T

STA 291+08.34, -31.84' LT
STA 65+16.21, -41.78' LT
EL 1104.84

STA 290+67.69, -15.00' LT
STA 64+99.16, -82.38' LT
EL 1104.16

STA 290+50, -15.00' LT
STA 64+99.09, -100.07' LT
EL 1103.97

R53 57.50

STA 290+50, 0.00'
STA 64+83.99, -100.00' LT
EL 1104.44

291+00

65+00

STONE MON

County Highway A

STA 291+25, 0.00'
STA 64+84.37, -25.00' LT
EL 1105.57

R50 40.00

CTH K

STA 290+50, 15.00' RT
STA 64+68.89, -99.92' LT
EL 1104.00

SIGN

STA 290+83.12, 15.00' RT
STA 64+69.09, -66.79' LT
EL 1104.20

REMOVING ASPHALTIC
SURFACE BUTT JOINTS

STA 291+10.09, 25.46' RT
STA 64+58.77, -39.76' LT
EL 1104.29

STA 291+22.96, 51.36' RT
STA 64+32.90, -26.70' LT
EL 1104.16

R50
X=741380.424
Y=575012.872

STA 291+24.50, 68.26' RT
STA 64+15.99, -25.00' LT
EL 1104.12

64+00

STA 291+75.18, -57.55' LT
STA 65+42.07, 25.00' RT
EL 1107.19

R52
X=741516.065
Y=575124.058

REMOVING ASPHALTIC
SURFACE BUTT JOINTS

POST

STA 291+87.61, -27.47' LT
STA 65+12.08, 37.50' RT
EL 1105.88

SIGN

R52 42.50

103

STA 292+50, -15.00' LT
STA 64+99.89, 99.93' RT
EL 1104.64

STA 292+17.68, -15.00' LT
STA 64+99.76, 67.61' RT
EL 1104.74

STA 292+50, 0.00'
STA 64+84.99, 100.00' RT
EL 1104.73

292+00

STA 291+74.99, 0.00'
STA 64+84.62, 24.99' RT
EL 1105.57

County Highway A

R51 57.50

STA 292+50, 15.00' RT
STA 64+70.09, 100.08' RT
EL 1104.54

STA 292+31.97, 15.00' RT
STA 64+69.98, 82.05' RT
EL 1104.66

STA 291+91.51, 31.64' RT
STA 64+53.14, 41.70' RT
EL 1104.48

STA 291+74.47, 71.94' RT
STA 64+12.80, 25.00' RT
EL 1104.30

R51
X=741529.089
Y=574993.925

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 23	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 13
PLOT DATE : 12/12/2024 3:26 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

N

EX R/W

STA 300+85.19, -61.35' LT
STA 118+08.21, -15.00' LT
EL 1119.35

R57
X=741301.878
Y=580389.631

STA 300+70.49, -26.09' LT
STA 117+72.91, -29.59' LT
EL 1119.47

STA 300+35.19, -11.50' LT
STA 117+58.21, -64.85' LT
EL 1119.43

STA 300+15, -11.50' LT
STA 117+58.15, -85.04' LT
EL 1119.39

R57 50.00

Little Valley

STA 300+15, 0.00'
STA 117+46.65, -85.00' LT
EL 1119.59

REMOVING ASPHALTIC
SURFACE BUTT JOINTS

STA 300+15, 11.50' RT
STA 117+35.15, -84.96' LT
EL 1119.41

STA 300+34.81, 11.50' RT
STA 117+35.21, -65.15' LT
EL 1119.59

R54 50.00

STA 300+70.22, 26.20' RT
STA 117+20.62, -29.70' LT
EL 1120.16

R54
X=741302.986
Y=580266.636

STA 300+84.81, 61.65' RT
STA 116+85.21, -15.00' LT
EL 1121.43

118+00

301+00

STA 300+85, 0.00'
STA 117+46.86, -15.00' LT
EL 1120.40

CTH K

117+00

STA 301+15.19, -61.65' LT
STA 118+08.61, 15.00' RT
EL 1119.34

R56
X=741431.869
Y=580391.205

STA 301+29.78, -26.20' LT
STA 117+73.20, 29.70' RT
EL 1119.13

302

9

GUY

OH

STA 301+65.19, -11.50' LT
STA 117+58.61, 65.15' RT
EL 1118.92

STA 301+75, -11.50' LT
STA 117+58.64, 74.96' RT
EL 1118.87

REMOVING ASPHALTIC
SURFACE BUTT JOINTS

R56 50.00

101

STA 301+75, 0.00'
STA 117+47.14, 75.00' RT
EL 1119.11

Little Valley

STA 301+15, 0.00'
STA 117+46.96, 15.00' RT
EL ???

R55 50.00

STA 301+75, 11.50' RT
STA 117+35.64, 75.04' RT
EL 1119.17

STA 301+64.81, 11.50' RT
STA 117+35.61, 64.85' RT
EL 1119.43

GUY POLE

STA 301+29.51, 26.09' RT
STA 117+20.91, 29.59' RT
EL 1120.43

GUY

STA 301+14.81, 61.35' RT
STA 116+85.61, 15.00' RT
EL 1121.43

R55
X=741432.977
Y=580268.209

EX R/W

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 24	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 14
PLOT DATE : 12/12/2024 3:26 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

2

N

311+00

EX R/W

G

FO

OH

PI STA = 311+79.65
Y = 582176.661
X = 741222.475
DELTA = 81°47'32" LT
D = 54°34'03"
T = 90.94'
L = 149.89'
R = 105.00'
PC STA = 310+88.71
Y = 582267.602
X = 741222.332
PT STA = 312+38.60
Y = 582163.819
X = 741312.506
DB = S00°05'25"E
DA = S81°52'57"E

R59
X=741321.217
Y=582215.608

PT: 312+38.60

STA 312+38.60, -12.50' LT
STA 135+91.59, -59.99' LT
EL 1133.89

STA 312+39.91, -12.50' LT
STA 135+91.47, -58.68' LT
EL 1133.88

312+00

100

R59 40.0

STA 312+79.74, -56.18' LT
STA 136+31.30, -15.00' LT
EL 1134.80

136+00

STA 312+69.47, -25.55' LT
STA 136+01.75, -28.05' LT
EL 1134.13

EP: 313+00.00

SUNSET LN

S81°52'57"E
61.40'

STA 312+38.60, 12.50' RT
STA 135+66.70, -62.29' LT
EL 1133.83

STA 312+45.06, 12.50' RT
STA 135+66.11, -55.86' LT
EL 1133.65

STA 312+84.94, 0.00'
STA 135+74.88, -15.00' LT
EL 1133.40

REMOVING ASPHALTIC
SURFACE BUTT JOINTS

R58 45.0

EX R/W

STA 312+75.38, 24.25' RT
STA 135+51.62, -26.75' LT
EL 1132.69

R58
X=741310.776
Y=582105.984

STA 312+89.87, 53.36' RT
STA 135+21.30, -15.00' LT
EL 1132.07

135+00

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	INTERSECTION DETAIL	SHEET 25	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 15

PLOT DATE : 12/12/2024 3:26 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

SCHOOL DRIVEWAY

SCHOOL DRIVEWAY

STA 39+62.21, -27.00' LT
EL 1146.92

STA 40+28.46, -27.00' LT
EL 1146.67

STA 41+00, -27.00' LT
EL 1145.88

STA 41+31.20, -20.88' LT
EL 1145.47

STA 41+62.50, -15.00' LT
EL 1145.08

STA 40+72.16, -15.00' LT
EL 1146.42

PC: 38+85.42

39+00

40+00

41+00

CTH K

END RECONSTRUCTION
BEGIN PULVERIZE AND OVERLAY
STA 39+00

B-4

50'

GRADE PULVERIZED MATERIAL
TO MATCH IN TO URBAN PAVEMENT

ASPH

DIVISION STREET

EX R/W

33' PERMANENT STREET EASEMENT

104

N

EX R/W

SUNSET LANE

100

N

REMOVING ASPHALTIC
SURFACE BUTT JOINTS

PT: 134+84.87

CTH K

ASPH

135+00

136+00

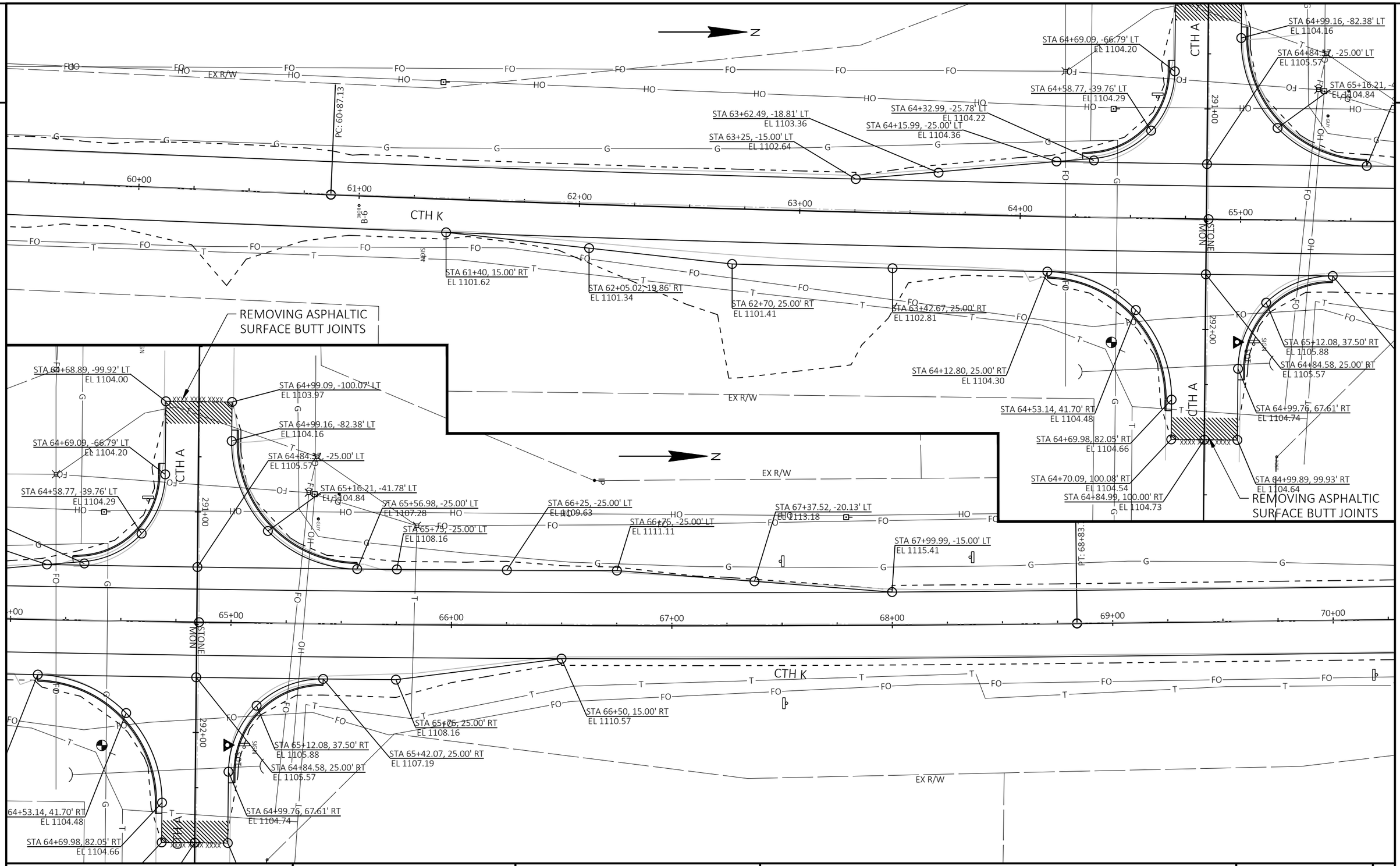
137+00

END PROJECT
STA 136+40.39

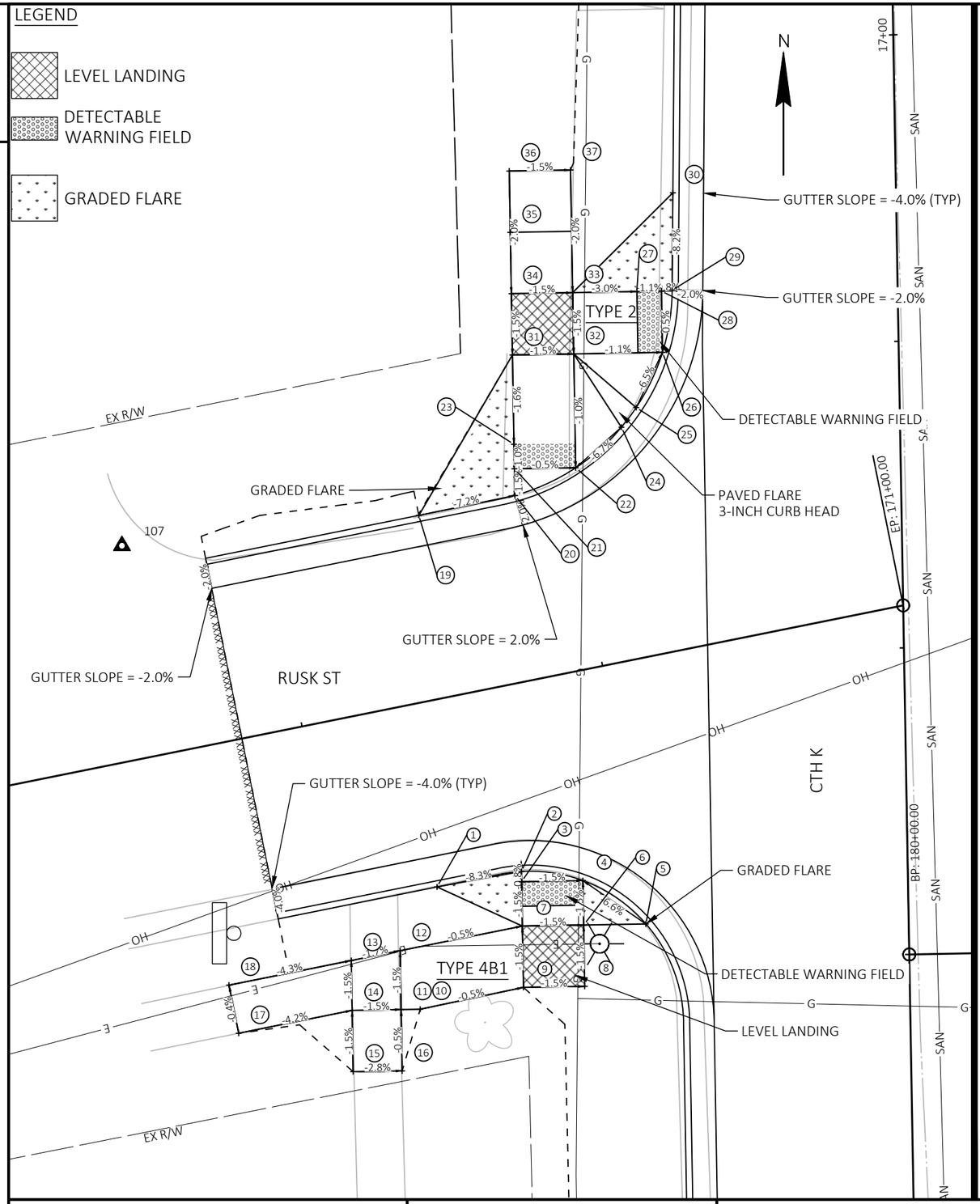
50'

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN DETAILS	SHEET 26	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021201-pd
PLOT DATE : 12/12/2024 3:26 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : ##########



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN DETAILS	SHEET 27	E



NO.	CTH K STA	O/S	SIDE	ELEV.	EASTING	NORTHING
1	16+31.17	38.4	LT	1,094.79	741379.5656'	570217.1886'
2	16+32.31	31.5	LT	1,094.21	741386.4477'	570218.4474'
3	16+31.48	31.5	LT	1,094.21	741386.4621'	570217.6194'
4	16+31.48	26.5	LT	1,094.14	741391.4613'	570217.7064'
5	16+27.86	21.4	LT	1,094.55	741396.5934'	570214.1749'
6	16+27.86	26.5	LT	1,094.19	741391.5243'	570214.0867'
7	16+27.86	31.5	LT	1,094.27	741386.5251'	570213.9998'
8	16+22.86	26.5	LT	1,094.27	741391.6113'	570209.0875'
9	16+22.86	31.5	LT	1,094.34	741386.6120'	570209.0005'
10	16+21.23	39.9	LT	1,094.38	741378.1937'	570207.2216'
11	16+21.23	41.5	LT	1,094.39	741376.6419'	570207.1946'
12	16+26.03	41.5	LT	1,094.32	741376.5585'	570211.9926'
13	16+25.29	45.5	LT	1,094.39	741372.5718'	570211.1898'
14	16+21.23	45.5	LT	1,094.45	741372.6624'	570207.1290'
15	16+16.23	45.5	LT	1,094.53	741372.7295'	570202.1257'
16	16+16.23	41.5	LT	1,094.42	741376.7289'	570202.1953'
17	16+19.52	54.8	LT	1,094.84	741363.3960'	570205.2583'
18	16+23.46	55.5	LT	1,094.83	741362.6057'	570209.1827'
19	16+61.49	39.4	LT	1,095.72	741378.0816'	570247.4920'
20	16+62.98	31.5	LT	1,095.14	741385.9142'	570249.1154'
21	16+65.15	31.5	LT	1,095.18	741385.8764'	570251.2855'
22	16+65.15	26.5	LT	1,095.15	741390.8757'	570251.3724'
23	16+67.15	31.5	LT	1,095.20	741385.8412'	570253.2852'
24	16+68.40	22.7	LT	1,095.48	741394.6016'	570254.6812'
25	16+69.98	21.5	LT	1,095.49	741395.8061'	570256.2839'
26	16+74.44	19.3	LT	1,095.16	741397.9479'	570260.7831'
27	16+79.44	21.3	LT	1,095.16	741395.8613'	570265.7476'
28	16+79.44	19.3	LT	1,095.14	741397.8610'	570265.7824'
29	16+79.49	18.4	LT	1,095.17	741398.7365'	570265.8458'
30	16+87.43	18.2	LT	1,095.79	741398.7969'	570273.7955'
31	16+74.44	31.5	LT	1,095.32	741385.7149'	570260.5703'
32	16+74.44	26.5	LT	1,095.24	741390.7142'	570260.6573'
33	16+79.44	26.5	LT	1,095.32	741390.6272'	570265.6565'
34	16+79.44	31.5	LT	1,095.39	741385.6279'	570265.5696'
35	16+84.44	31.5	LT	1,095.49	741385.5410'	570270.5688'
36	16+89.44	31.5	LT	1,095.59	741385.4540'	570275.5681'
37	16+89.44	26.5	LT	1,095.52	741390.4533'	570275.6550'

2

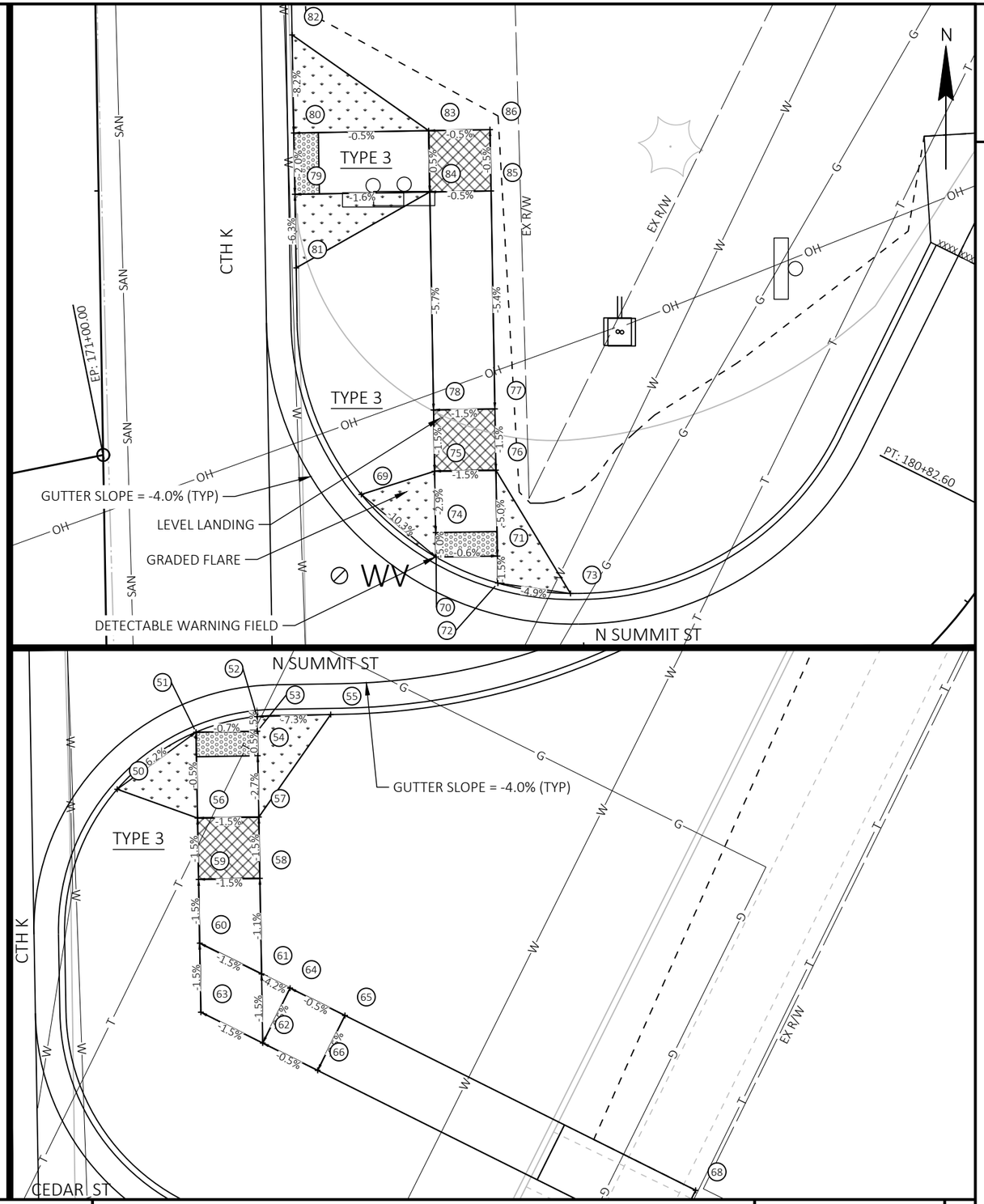
LEGEND

LEVEL LANDING

DETECTABLE WARNING FIELD

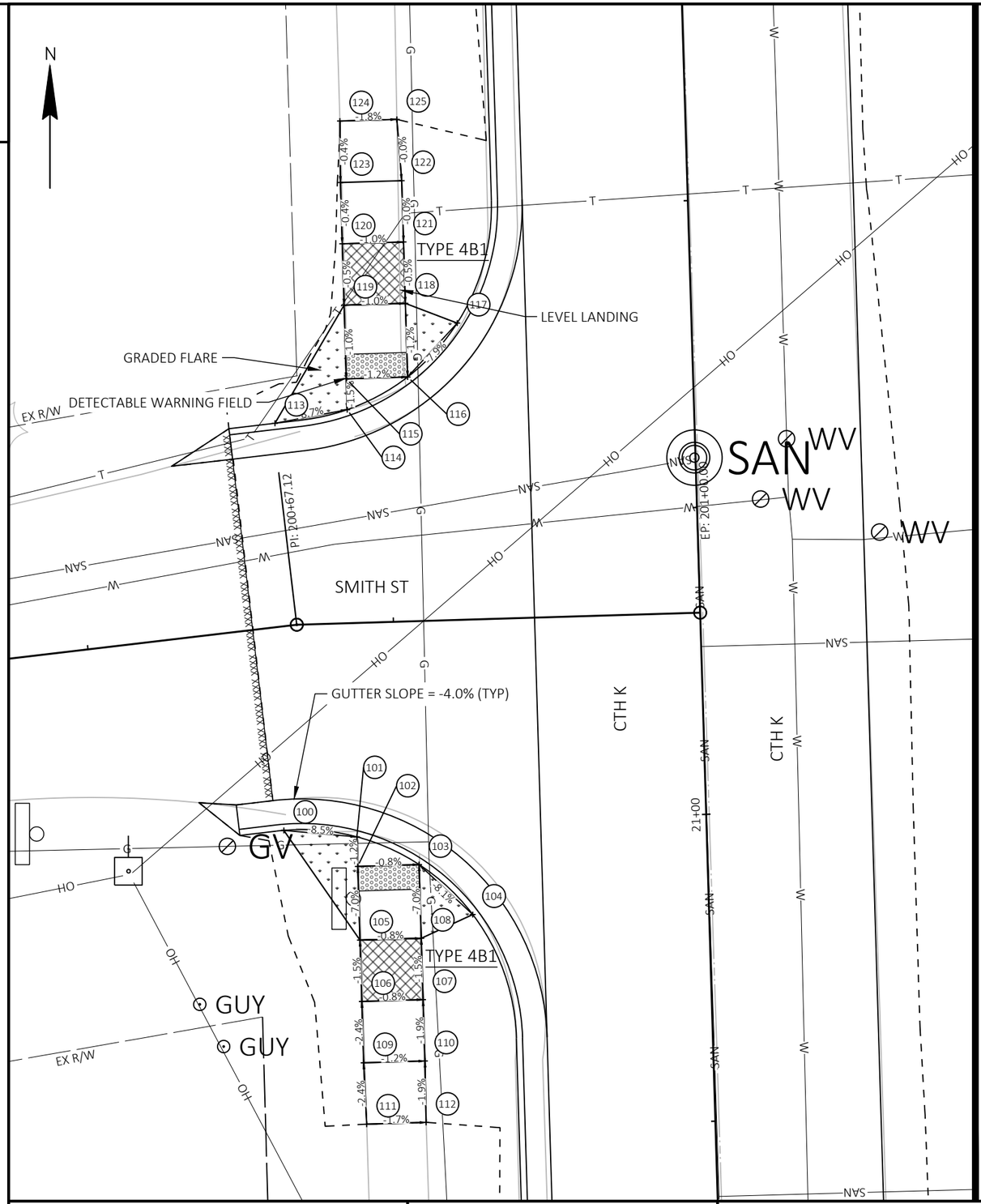
GRADED FLARE

NO.	CTH K STA	O/S	SIDE	ELEV.	EASTING	NORTHING
50	16+02.71	20.5	RT	1,093.77	741438.9504'	570189.7581'
51	16+07.25	27.0	RT	1,093.28	741445.3747'	570194.4080'
52	16+08.44	32.0	RT	1,093.23	741450.3533'	570195.6823'
53	16+07.25	32.0	RT	1,093.24	741450.3740'	570194.4949'
54	16+05.25	32.0	RT	1,093.25	741450.4088'	570192.4952'
55	16+08.50	38.0	RT	1,093.67	741456.3495'	570195.8510'
56	16+00.25	27.0	RT	1,093.31	741445.4965'	570187.4090'
57	16+00.25	32.0	RT	1,093.39	741450.4957'	570187.4960'
58	15+95.25	32.0	RT	1,093.46	741450.5827'	570182.4967'
59	15+95.25	27.0	RT	1,093.39	741445.5835'	570182.4098'
60	15+90.05	27.0	RT	1,093.47	741445.6738'	570177.2169'
61	15+87.45	32.0	RT	1,093.55	741450.7183'	570174.7029'
62	15+81.82	32.0	RT	1,093.64	741450.8163'	570169.0676'
63	15+84.42	27.0	RT	1,093.55	741445.7718'	570171.5815'
64	15+86.25	34.3	RT	1,093.66	741453.0465'	570173.5427'
65	15+83.94	38.7	RT	1,093.69	741457.5216'	570171.3125'
66	15+79.51	36.4	RT	1,093.66	741455.2914'	570166.8374'
67	15+64.75	64.8	RT	1,092.03	741483.9081'	570152.5762'
68	15+69.20	67.1	RT	1,092.04	741486.1193'	570157.0608'
69	16+49.87	21.0	RT	1,094.82	741438.6214'	570236.9226'
70	16+44.66	27.0	RT	1,094.00	741444.7240'	570231.8151'
71	16+44.66	32.0	RT	1,093.97	741449.7232'	570231.9021'
72	16+42.46	32.0	RT	1,093.94	741449.7615'	570229.7009'
73	16+41.51	37.9	RT	1,094.23	741455.6833'	570228.8522'
74	16+46.66	27.0	RT	1,094.10	741444.6892'	570233.8148'
75	16+51.66	27.0	RT	1,094.24	741444.6022'	570238.8141'
76	16+51.66	32.0	RT	1,094.32	741449.6015'	570238.9011'
77	16+56.66	32.0	RT	1,094.39	741449.5145'	570243.9003'
78	16+56.66	27.0	RT	1,094.32	741444.5153'	570243.8133'
79	16+74.44	16.0	RT	1,095.16	741433.2077'	570261.3965'
80	16+79.44	16.0	RT	1,095.26	741433.1208'	570266.3958'
81	16+68.44	16.0	RT	1,095.53	741433.3121'	570255.3974'
82	16+87.44	16.0	RT	1,095.91	741432.9816'	570274.3946'
83	16+79.44	27.0	RT	1,095.31	741444.1191'	570266.5871'
84	16+74.44	27.0	RT	1,095.34	741444.2061'	570261.5879'
85	16+74.44	32.0	RT	1,095.36	741449.2053'	570261.6748'
86	16+79.44	32.0	RT	1,095.34	741449.1183'	570266.6741'



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CURB RAMP DETAILS	SHEET 29	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 1-2
PLOT DATE : 12/12/2024 3:29 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



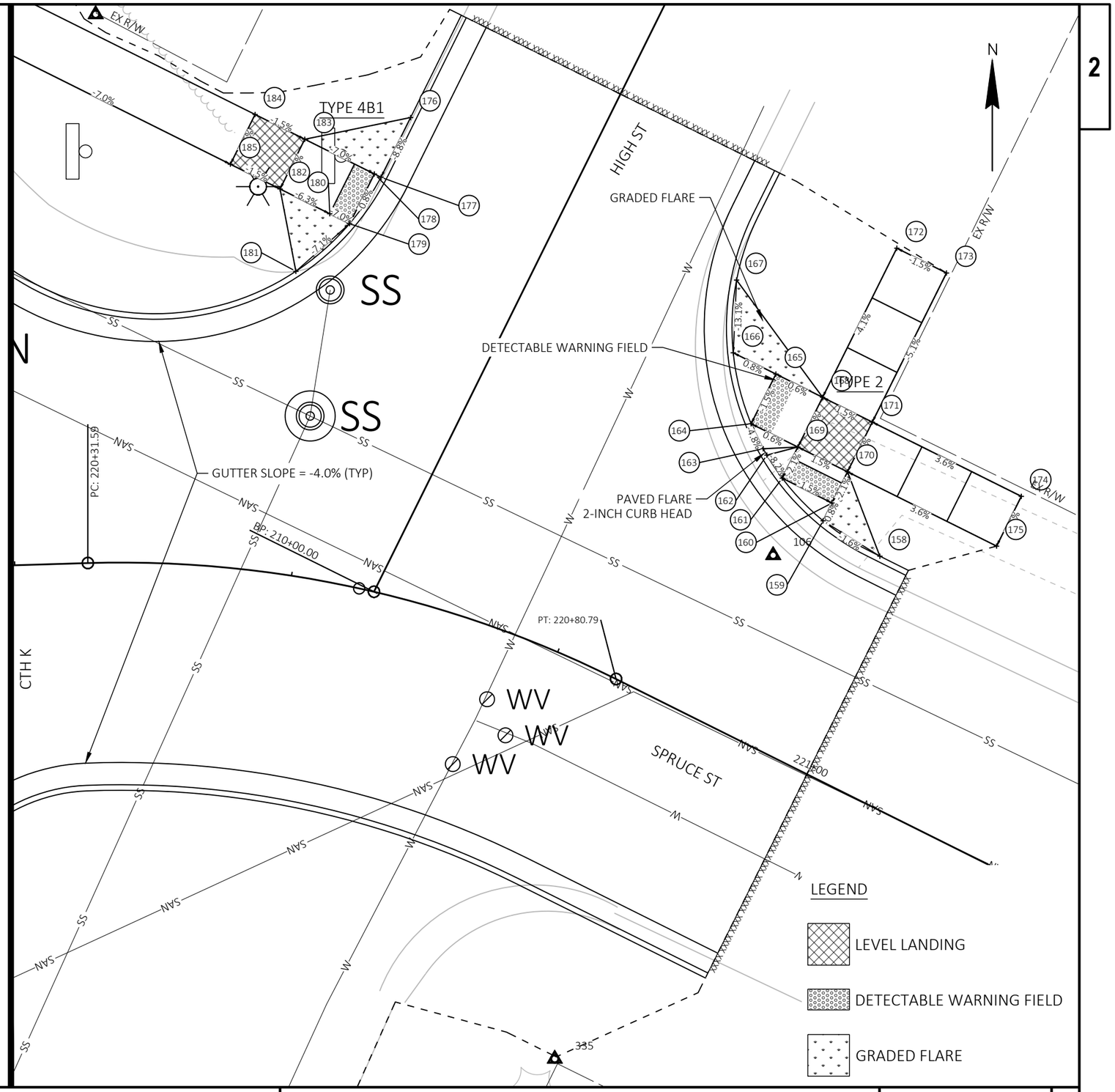
NO.	CTH K STA	O/S	SIDE	ELEV.	EASTING	NORTHING
100	20+99.72	34.4	LT	1,101.73	741371.6605'	570685.2183'
101	20+99.01	28.5	LT	1,101.22	741377.6078'	570684.6909'
102	20+96.61	28.5	LT	1,101.25	741377.6798'	570682.2829'
103	20+96.61	23.5	LT	1,101.21	741382.6776'	570682.4322'
104	20+92.41	19.3	LT	1,101.70	741387.0470'	570678.3632'
105	20+90.61	28.5	LT	1,101.67	741377.8590'	570676.2855'
106	20+85.61	28.5	LT	1,101.74	741378.0083'	570671.2878'
107	20+85.61	23.5	LT	1,101.70	741383.0061'	570671.4371'
108	20+90.61	23.5	LT	1,101.63	741382.8568'	570676.4349'
109	20+80.61	28.5	LT	1,101.86	741378.1577'	570666.2900'
110	20+80.61	23.5	LT	1,101.80	741383.1555'	570666.4393'
111	20+75.61	28.4	LT	1,101.98	741378.4112'	570661.2953'
112	20+75.61	23.6	LT	1,101.90	741383.2508'	570661.4399'
113	21+32.88	34.2	LT	1,101.35	741370.9375'	570718.3727'
114	21+33.81	28.3	LT	1,100.83	741376.8184'	570719.4804'
115	21+36.32	28.3	LT	1,100.87	741376.7434'	570721.9892'
116	21+36.32	23.3	LT	1,100.81	741381.7412'	570722.1385'
117	21+40.59	19.1	LT	1,101.28	741385.7835'	570726.5326'
118	21+42.32	23.3	LT	1,100.88	741381.5620'	570728.1359'
119	21+42.32	28.3	LT	1,100.93	741376.5642'	570727.9865'
120	21+47.32	28.3	LT	1,100.95	741376.4149'	570732.9843'
121	21+47.32	23.3	LT	1,100.90	741381.4126'	570733.1336'
122	21+52.32	23.3	LT	1,100.91	741381.2633'	570738.1314'
123	21+52.32	28.3	LT	1,100.97	741376.2655'	570737.9821'
124	21+57.32	28.1	LT	1,100.99	741376.2301'	570742.9832'
125	21+57.32	23.5	LT	1,100.91	741380.8652'	570743.1217'

LEGEND

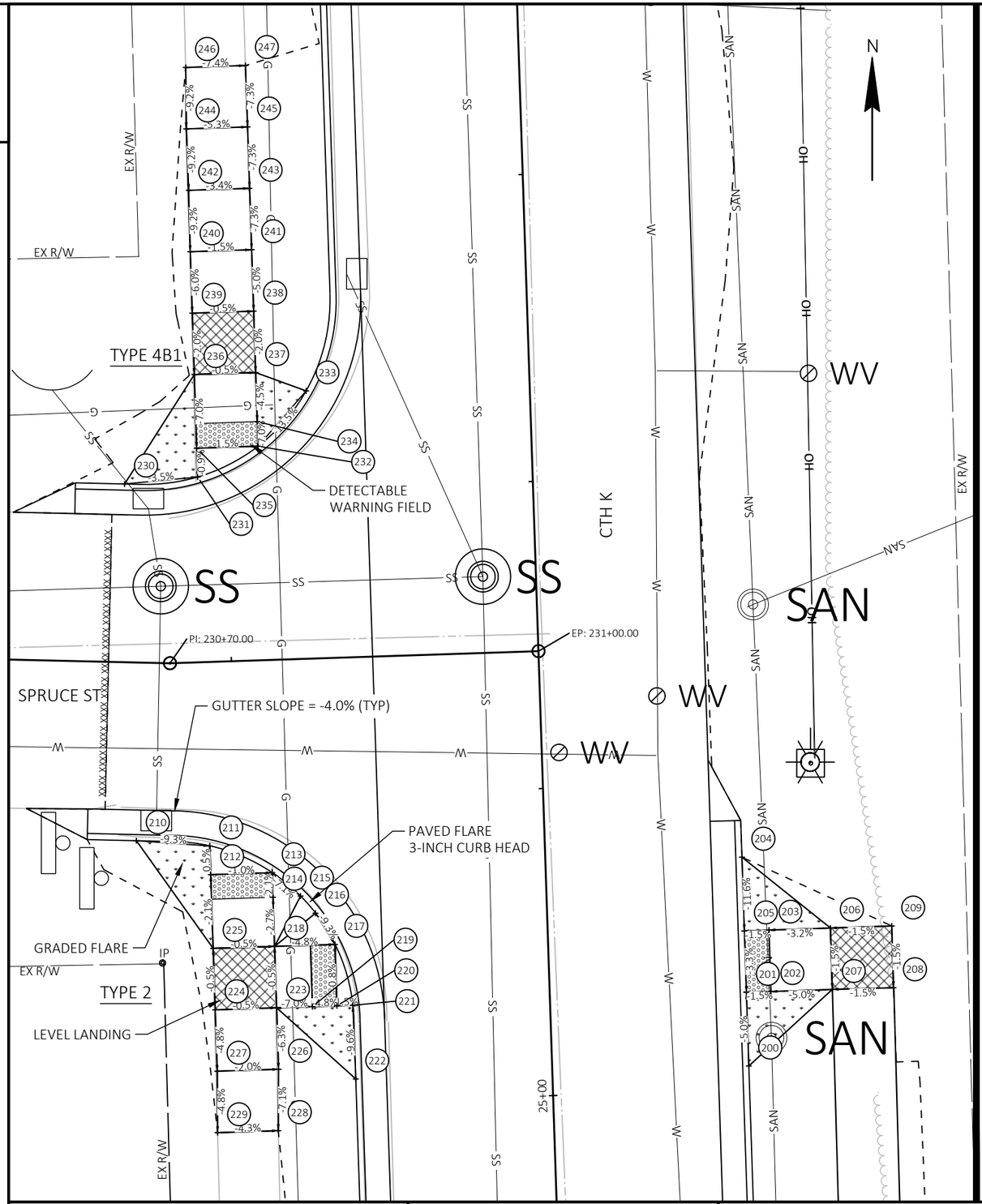
- LEVEL LANDING
- DETECTABLE WARNING FIELD
- GRADED FLARE

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CURB RAMP DETAILS	SHEET 30	E

NO.	CTH K STA	O/S	SIDE	ELEV.	EASTING	NORTHING
158	24+08.48	102.9	RT	1,100.27	741499.7279'	570997.9479'
159	24+11.82	97.9	RT	1,100.18	741494.6124'	571001.1352'
160	24+13.40	98.8	RT	1,100.19	741495.4118'	571002.7399'
161	24+15.77	94.3	RT	1,100.26	741490.9364'	571004.9693'
162	24+17.88	93.0	RT	1,100.47	741489.5452'	571007.0449'
163	24+18.47	92.7	RT	1,100.48	741489.2155'	571007.6205'
164	24+20.75	91.7	RT	1,100.36	741488.1289'	571009.8706'
165	24+25.15	94.0	RT	1,100.43	741490.3583'	571014.3460'
166	24+27.18	90.3	RT	1,100.47	741486.5153'	571016.2604'
167	24+33.72	90.8	RT	1,101.33	741486.8165'	571022.8136'
168	24+22.94	98.2	RT	1,100.40	741494.5638'	571012.2511'
169	24+18.53	95.8	RT	1,100.33	741492.3343'	571007.7756'
170	24+16.17	100.2	RT	1,100.25	741496.8098'	571005.5462'
171	24+20.57	102.6	RT	1,100.33	741499.0392'	571010.0216'
172	24+36.16	105.3	RT	1,101.02	741501.2521'	571025.6774'
173	24+33.79	109.7	RT	1,101.10	741505.7275'	571023.4480'
174	24+13.49	115.8	RT	1,099.78	741512.4655'	571003.3333'
175	24+09.08	113.5	RT	1,099.71	741510.2361'	570998.8579'
176	24+49.22	61.8	RT	1,102.48	741457.4551'	571037.4400'
177	24+43.93	59.0	RT	1,101.96	741454.7846'	571032.0671'
178	24+44.24	58.4	RT	1,101.97	741454.1899'	571032.3633'
179	24+39.84	56.1	RT	1,101.93	741451.9605'	571027.8878'
180	24+40.78	54.3	RT	1,102.07	741450.1703'	571028.7796'
181	24+35.69	51.1	RT	1,102.39	741447.1210'	571023.5954'
182	24+43.14	49.9	RT	1,102.38	741445.6948'	571031.0090'
183	24+47.55	52.3	RT	1,102.46	741447.9243'	571035.4845'
184	24+49.91	47.9	RT	1,102.53	741443.4488'	571037.7139'
185	24+45.51	45.5	RT	1,102.46	741441.2194'	571033.2385'



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CURB RAMP DETAILS	SHEET 31	E



NO.	CTH K STA	O/S	SIDE	ELEV.	EASTING	NORTHING
200	25+01.88	16.0	RT	1,105.64	741409.9041'	571088.7498'
201	25+07.88	16.0	RT	1,105.34	741409.7067'	571094.7465'
202	25+07.88	18.0	RT	1,105.38	741411.7056'	571094.8124'
203	25+12.88	18.0	RT	1,105.54	741411.5410'	571099.8097'
204	25+18.88	16.0	RT	1,106.20	741409.3446'	571105.7406'
205	25+12.88	16.0	RT	1,105.51	741409.5421'	571099.7438'
206	25+12.89	23.0	RT	1,105.70	741416.5409'	571099.9828'
207	25+07.88	23.0	RT	1,105.63	741416.7000'	571094.9768'
208	25+07.86	28.0	RT	1,105.70	741421.6775'	571095.1234'
209	25+12.89	28.0	RT	1,105.78	741421.5381'	571100.1473'
210	25+21.84	33.2	LT	1,106.08	741360.0683'	571107.0828'
211	25+21.22	27.3	LT	1,105.53	741366.0410'	571106.6560'
212	25+18.88	27.3	LT	1,105.51	741366.1180'	571104.3171'
213	25+18.88	22.3	LT	1,105.46	741371.1153'	571104.4817'
214	25+16.88	22.3	LT	1,105.50	741371.1812'	571102.4827'
215	25+16.90	20.0	LT	1,105.68	741373.4254'	571102.5754'
216	25+15.47	18.8	LT	1,105.65	741374.6410'	571101.1877'
217	25+12.88	17.3	LT	1,105.38	741376.2263'	571098.6467'
218	25+12.88	22.3	LT	1,105.61	741371.3128'	571098.4849'
219	25+07.88	19.3	LT	1,105.43	741374.3920'	571093.5836'
220	25+07.88	17.3	LT	1,105.34	741376.3909'	571093.6494'
221	25+07.88	16.0	LT	1,105.32	741377.6773'	571093.6918'
222	25+01.88	16.0	LT	1,105.89	741377.9215'	571087.6966'
223	25+07.88	22.3	LT	1,105.64	741371.4774'	571093.4876'
224	25+07.88	27.3	LT	1,105.66	741366.4801'	571093.3231'
225	25+12.88	27.3	LT	1,105.64	741366.3155'	571098.3203'
226	25+02.88	22.3	LT	1,105.32	741371.6419'	571088.4903'
227	25+02.88	27.3	LT	1,105.42	741366.6446'	571088.3258'
228	24+97.88	22.4	LT	1,104.97	741371.6132'	571083.4867'
229	24+97.88	27.4	LT	1,105.18	741366.6756'	571083.3241'
230	25+50.89	33.2	LT	1,106.85	741359.1106'	571136.1125'
231	25+51.27	27.3	LT	1,106.64	741365.0521'	571136.6846'
232	25+53.61	22.3	LT	1,106.74	741369.9724'	571139.1881'
233	25+57.97	18.2	LT	1,107.54	741373.8802'	571143.6883'
234	25+55.61	22.3	LT	1,106.88	741369.9066'	571141.1870'
235	25+53.61	27.3	LT	1,106.67	741364.9751'	571139.0236'
236	25+59.61	27.3	LT	1,107.09	741364.7776'	571145.0203'
237	25+59.61	22.3	LT	1,107.06	741369.7749'	571145.1849'
238	25+64.61	22.3	LT	1,107.16	741369.6104'	571150.1822'
239	25+64.61	27.3	LT	1,107.19	741364.6131'	571150.0176'
240	25+69.61	27.3	LT	1,107.49	741364.4485'	571155.0149'
241	25+69.61	22.3	LT	1,107.41	741369.4458'	571155.1795'
242	25+74.61	27.2	LT	1,107.94	741364.3239'	571160.0135'
243	25+74.61	22.3	LT	1,107.78	741369.2561'	571160.1759'
244	25+79.61	27.3	LT	1,108.40	741364.1194'	571165.0095'
245	25+79.61	22.3	LT	1,108.14	741369.1167'	571165.1740'
246	25+84.61	27.1	LT	1,108.86	741364.0780'	571170.0108'
247	25+84.61	22.3	LT	1,108.50	741368.9396'	571170.1709'

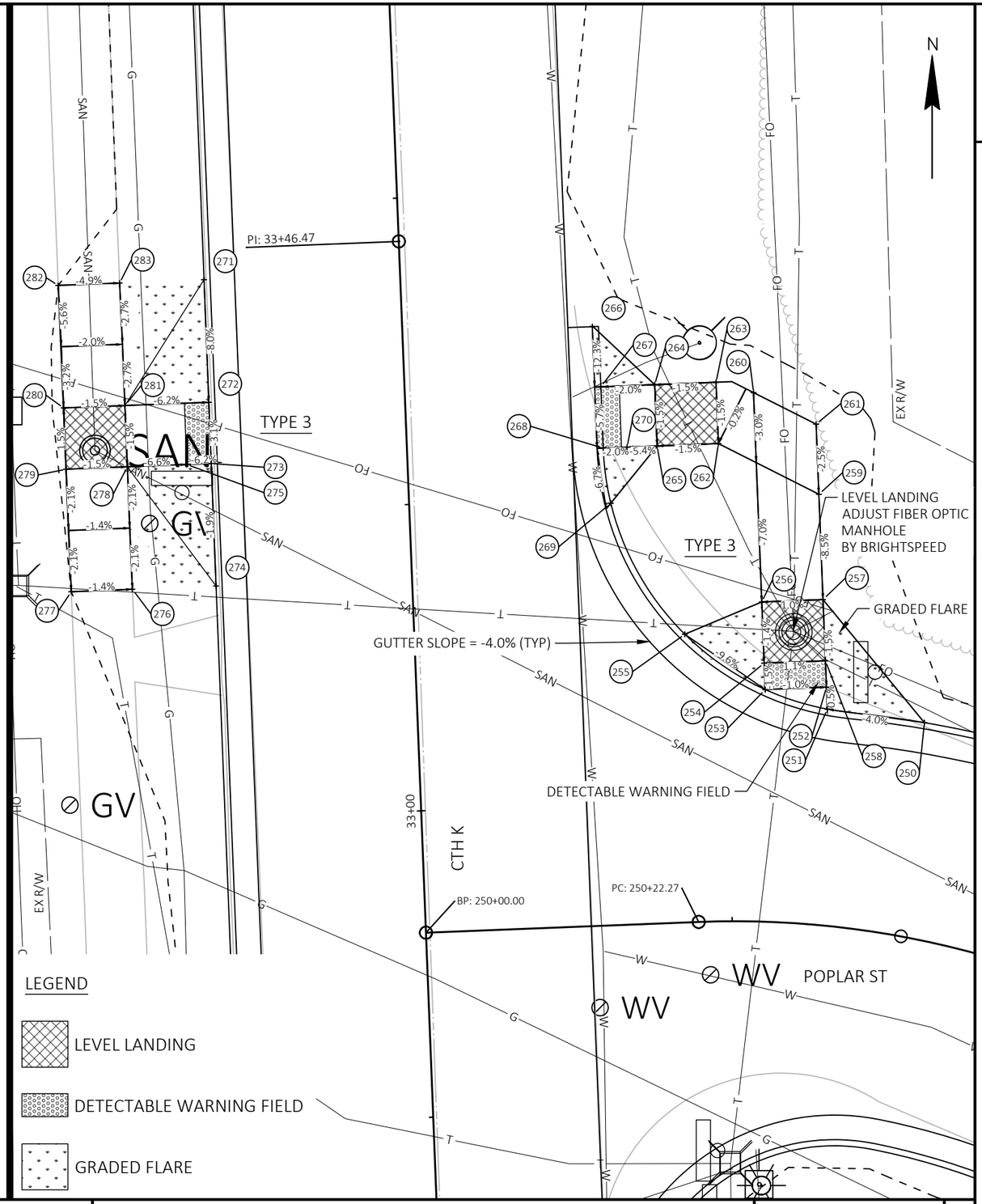
LEGEND

- LEVEL LANDING
- DETECTABLE WARNING FIELD
- GRADED FLARE

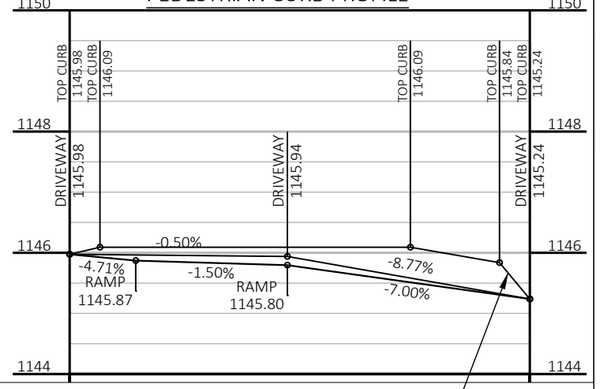
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CURB RAMP DETAILS	SHEET 32	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 3-1
PLOT DATE : 12/12/2024 3:29 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

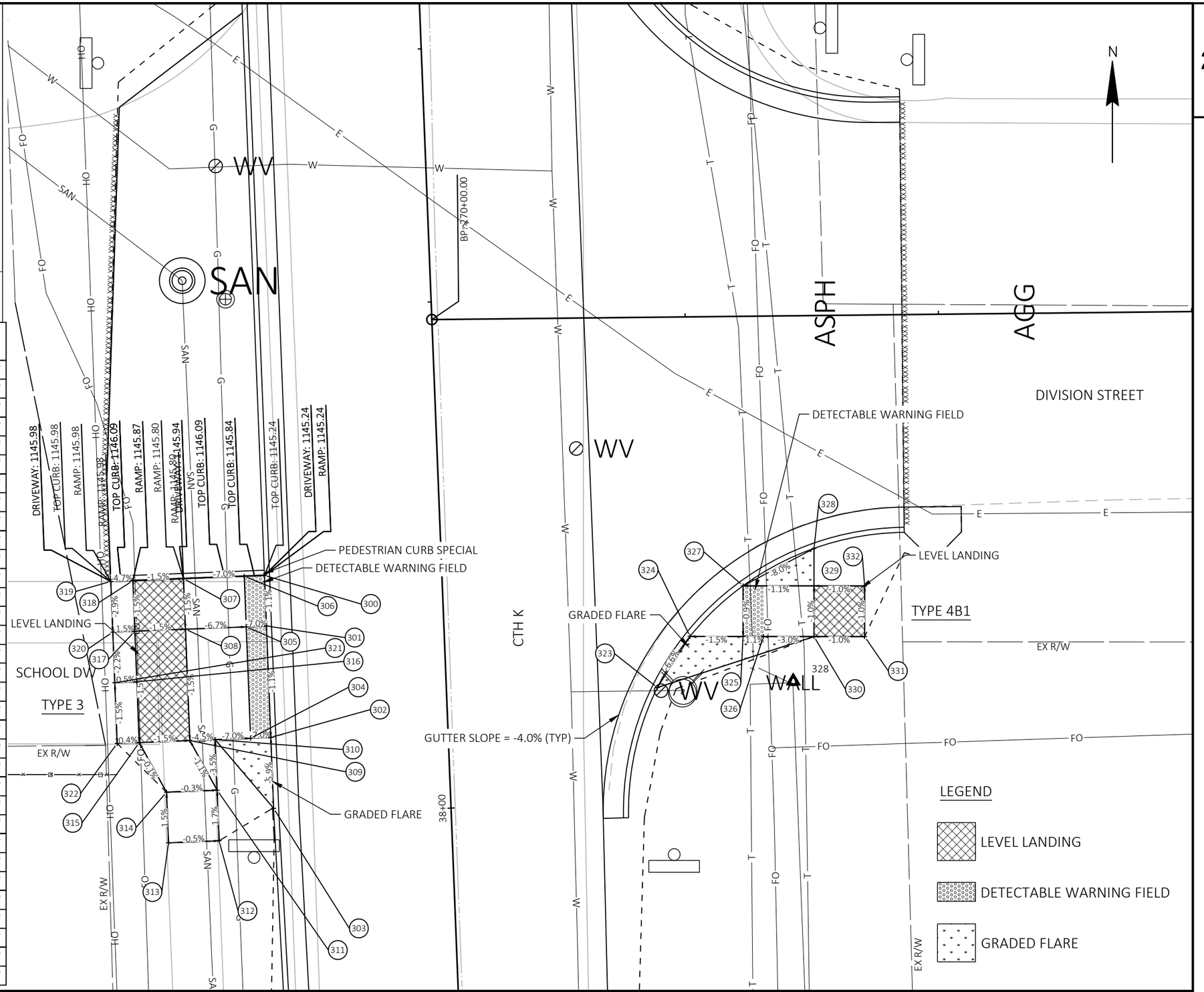
NO.	CTH K STA	O/S	SIDE	ELEV.	EASTING	NORTHING
250	33+05.57	41.3	RT	1,132.02	741406.1853'	571893.0125'
251	33+06.98	33.4	RT	1,131.69	741398.2626'	571894.1094'
252	33+08.78	33.4	RT	1,131.70	741398.1920'	571895.9081'
253	33+08.78	28.4	RT	1,131.75	741393.1958'	571895.7117'
254	33+10.93	28.4	RT	1,131.78	741393.1115'	571897.8567'
255	33+13.55	22.1	RT	1,132.51	741386.6388'	571900.2212'
256	33+15.93	28.4	RT	1,131.86	741392.9152'	571902.8529'
257	33+15.93	33.4	RT	1,131.81	741397.9113'	571903.0492'
258	33+10.93	33.4	RT	1,131.73	741398.1077'	571898.0531'
259	33+24.52	33.4	RT	1,132.53	741397.5738'	571911.6385'
260	33+33.01	28.4	RT	1,132.82	741392.2444'	571919.9235'
261	33+30.24	33.4	RT	1,132.68	741397.3494'	571917.3507'
262	33+28.97	25.4	RT	1,132.83	741389.3777'	571915.7691'
263	33+33.97	25.4	RT	1,132.90	741389.1814'	571920.7653'
264	33+33.97	20.4	RT	1,132.83	741384.1853'	571920.5689'
265	33+28.97	20.4	RT	1,132.75	741384.3816'	571915.5728'
266	33+38.90	15.5	RT	1,133.47	741379.0913'	571925.3024'
267	33+33.97	16.0	RT	1,132.76	741379.7845'	571920.3960'
268	33+28.97	16.0	RT	1,132.58	741379.9808'	571915.3999'
269	33+24.46	16.4	RT	1,132.90	741380.6010'	571910.9063'
270	33+28.97	18.0	RT	1,132.62	741381.9314'	571915.4765'
271	33+43.97	16.0	LT	1,133.54	741347.4165'	571929.1318'
272	33+33.97	16.0	LT	1,132.74	741347.8091'	571919.1395'
273	33+28.97	16.0	LT	1,132.58	741348.0055'	571914.1434'
274	33+18.97	16.0	LT	1,132.77	741348.3981'	571904.1511'
275	33+28.97	18.0	LT	1,132.77	741346.0070'	571914.0649'
276	33+18.97	22.8	LT	1,132.88	741341.5752'	571903.8830'
277	33+18.97	27.8	LT	1,132.95	741336.5863'	571903.6870'
278	33+28.97	22.9	LT	1,133.09	741341.1607'	571913.8744'
279	33+28.97	27.9	LT	1,133.17	741336.1646'	571913.6781'
280	33+33.97	27.9	LT	1,133.24	741335.9683'	571918.6743'
281	33+33.97	22.9	LT	1,133.17	741340.9644'	571918.8706'
282	33+43.97	27.9	LT	1,133.68	741335.5211'	571928.6644'
283	33+43.97	22.9	LT	1,133.44	741340.5331'	571928.8614'



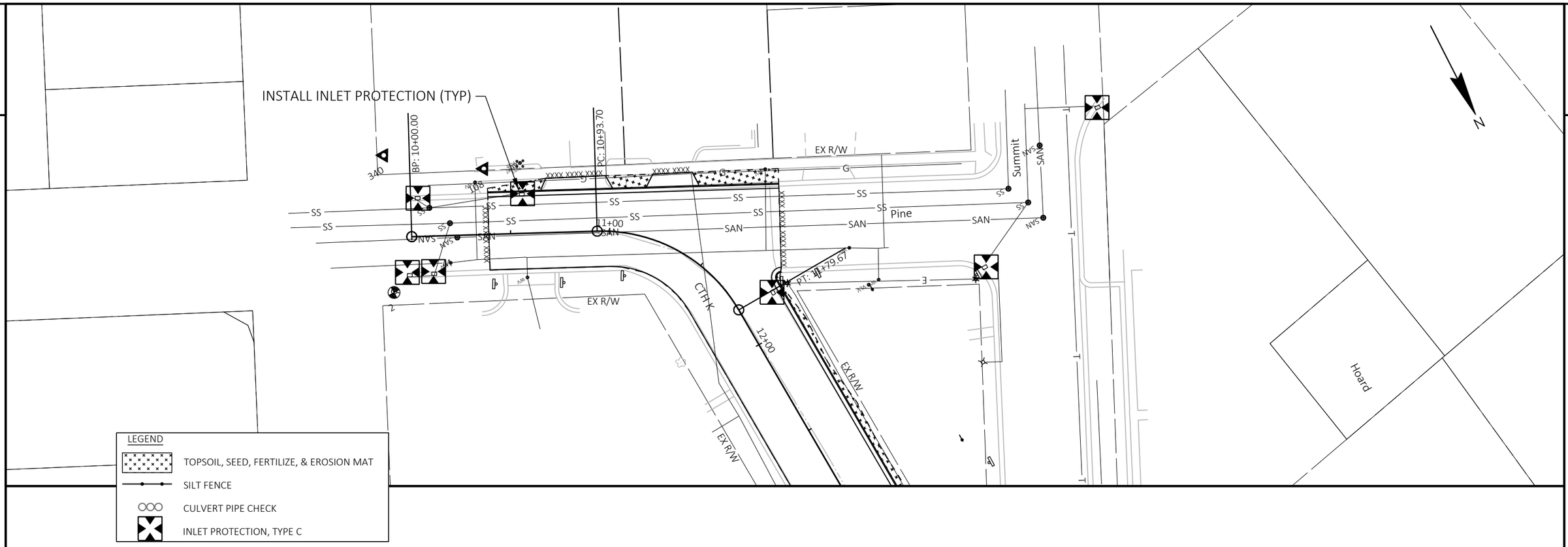
PEDESTRIAN CURB PROFILE



NO.	CTH K STA	O/S	SIDE	ELEV.	EASTING	NORTHING
300	38+23.67	17.5	LT	1,145.24	741327.0826'	572408.3986'
301	38+18.67	17.5	LT	1,145.18	741327.2789'	572403.4024'
302	38+07.67	17.5	LT	1,145.06	741327.7108'	572392.4109'
303	38+00.67	17.5	LT	1,145.47	741327.9857'	572385.4163'
304	38+07.67	19.5	LT	1,145.20	741325.7124'	572392.3324'
305	38+18.67	19.5	LT	1,145.32	741325.2805'	572403.3239'
306	38+23.67	19.5	LT	1,145.38	741325.0842'	572408.3200'
307	38+23.67	25.5	LT	1,145.80	741319.0888'	572408.0845'
308	38+18.67	25.5	LT	1,145.72	741319.2851'	572403.0883'
309	38+07.67	25.5	LT	1,145.56	741319.7170'	572392.0968'
310	38+07.67	23.0	LT	1,145.45	741322.2151'	572392.1950'
311	38+02.67	23.0	LT	1,145.62	741322.4114'	572387.1988'
312	37+97.67	23.0	LT	1,145.54	741322.6077'	572382.2027'
313	37+97.67	28.0	LT	1,145.56	741317.6116'	572382.0063'
314	38+02.67	28.0	LT	1,145.64	741317.4153'	572387.0025'
315	38+07.67	30.5	LT	1,145.63	741314.7209'	572391.9005'
316	38+13.67	30.5	LT	1,145.72	741314.4853'	572397.8958'
317	38+18.67	30.5	LT	1,145.80	741314.2890'	572402.8920'
318	38+23.67	30.5	LT	1,145.87	741314.0926'	572407.8881'
319	38+23.67	32.7	LT	1,145.98	741311.9125'	572407.8025'
320	38+18.67	32.7	LT	1,145.83	741312.1089'	572402.8063'
321	38+13.67	32.7	LT	1,145.71	741312.3052'	572397.8102'
322	38+07.67	32.7	LT	1,145.62	741312.5408'	572391.8148'
323	38+11.09	20.8	RT	1,145.88	741365.8655'	572397.3330'
324	38+16.01	24.2	RT	1,145.49	741369.0881'	572402.3800'
325	38+15.80	29.5	RT	1,145.56	741374.3222'	572402.3744'
326	38+15.71	31.5	RT	1,145.59	741376.3222'	572402.3722'
327	38+20.79	29.7	RT	1,145.61	741374.3276'	572407.3744'
328	38+24.20	36.8	RT	1,146.24	741381.3316'	572411.0655'
329	38+20.51	36.7	RT	1,145.69	741381.3276'	572407.3668'
330	38+15.51	36.5	RT	1,145.74	741381.3222'	572402.3668'
331	38+15.31	41.5	RT	1,145.79	741386.3222'	572402.3614'
332	38+20.31	41.7	RT	1,145.74	741386.3276'	572407.3614'



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CURB RAMP DETAILS	SHEET 34	E



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2

REMOVE SIDEWALK TO R/W
TOPSOIL & SEED

TOPSOIL, SEED, FERTILIZE, & EROSION MAT

ADJUST WATER VALVE (TYP)

ADJUST MANHOLE COVER (TYP)

INSTALL CULVERT PIPE CHECK

INSTALL INLET PROTECTION (TYP)

ADJUST MANHOLE COVER (TYP)

ADJUST WATER VALVE (TYP)

INSTALL SILT FENCE (TYP)

TOPSOIL, SEED, FERTILIZE, & EROSION MAT

LEGEND

- TOPSOIL, SEED, FERTILIZE, & EROSION MAT
- SILT FENCE
- CULVERT PIPE CHECK
- INLET PROTECTION, TYPE C

Pine
Summit
Rusk
Cedar
Hazel
Spruce
High
Smith

PT: 11+79.67
PI: 15+00.00
PI: 18+00.00
PI: 24+52.81
MATCH LINE 19+62.50

CTH K

EX R/W

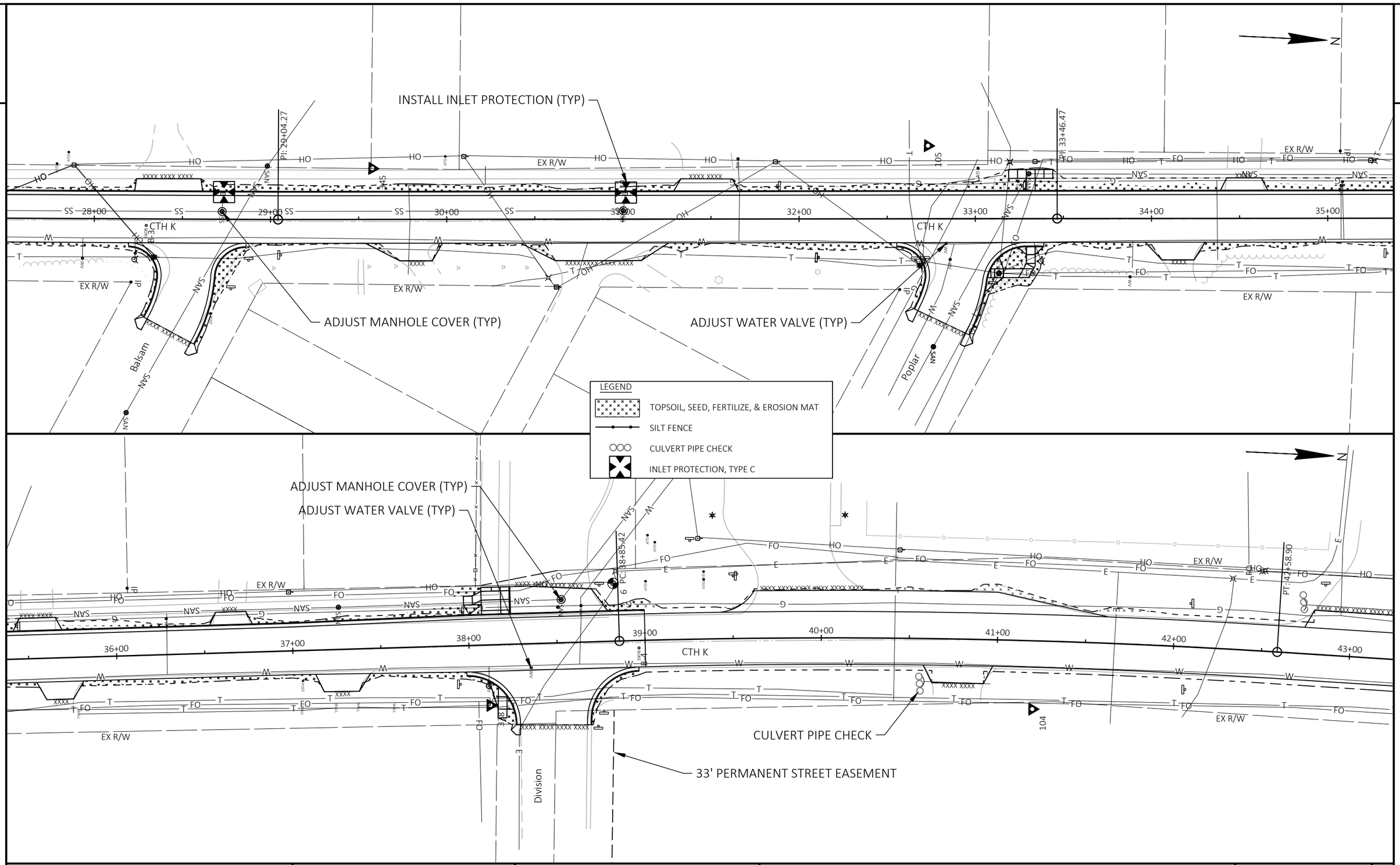
12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00 25+00 26+00 27+00

337 339 334 335

B-2

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 36	E

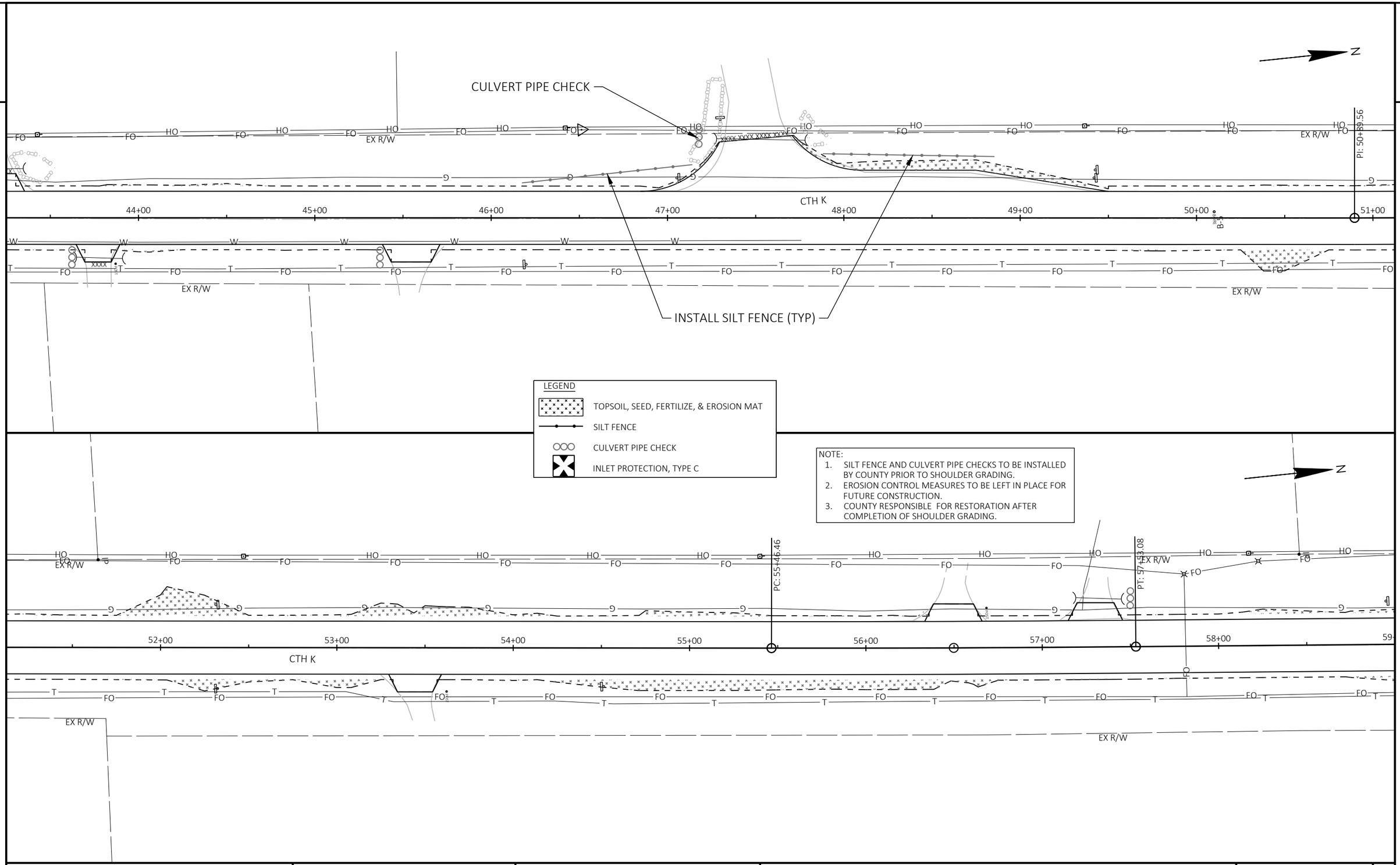
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LAYOUT NAME - 022001-ec
PLOT DATE : 12/20/2024 1:06 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:50 FT



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 37	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022002-ec
PLOT DATE : 12/20/2024 1:06 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:50 FT

2

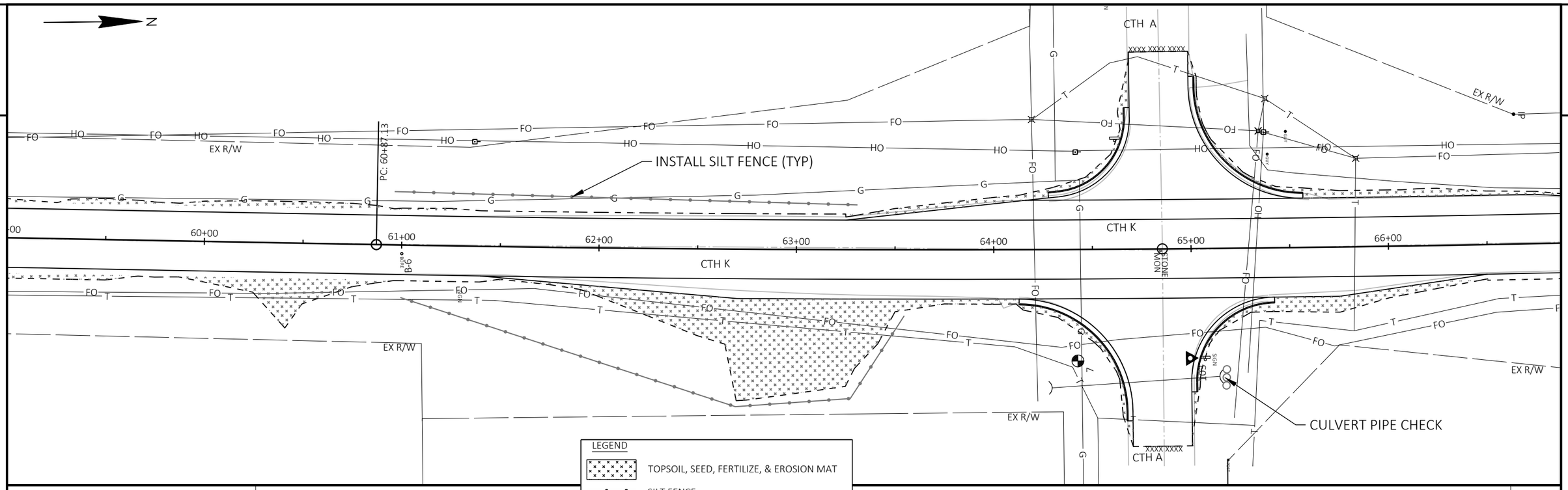


NOTE:
1. SILT FENCE AND CULVERT PIPE CHECKS TO BE INSTALLED BY COUNTY PRIOR TO SHOULDER GRADING.
2. EROSION CONTROL MEASURES TO BE LEFT IN PLACE FOR FUTURE CONSTRUCTION.
3. COUNTY RESPONSIBLE FOR RESTORATION AFTER COMPLETION OF SHOULDER GRADING.

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 38	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022003-ec
PLOT DATE : 12/20/2024 1:06 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:50 FT

2

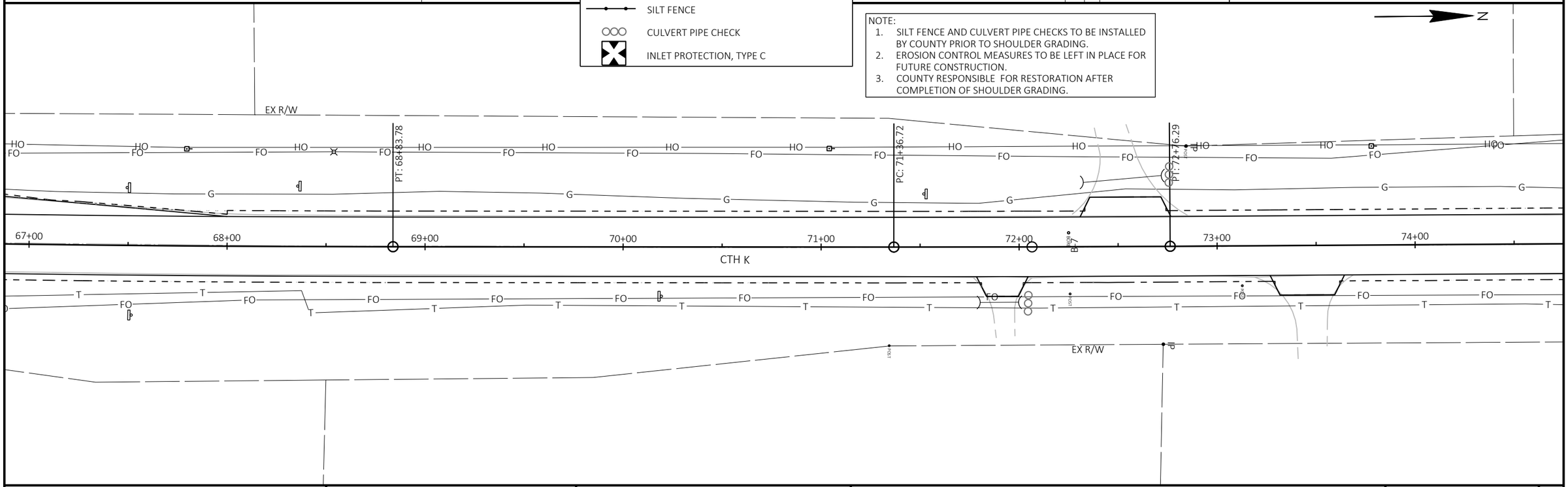


LEGEND

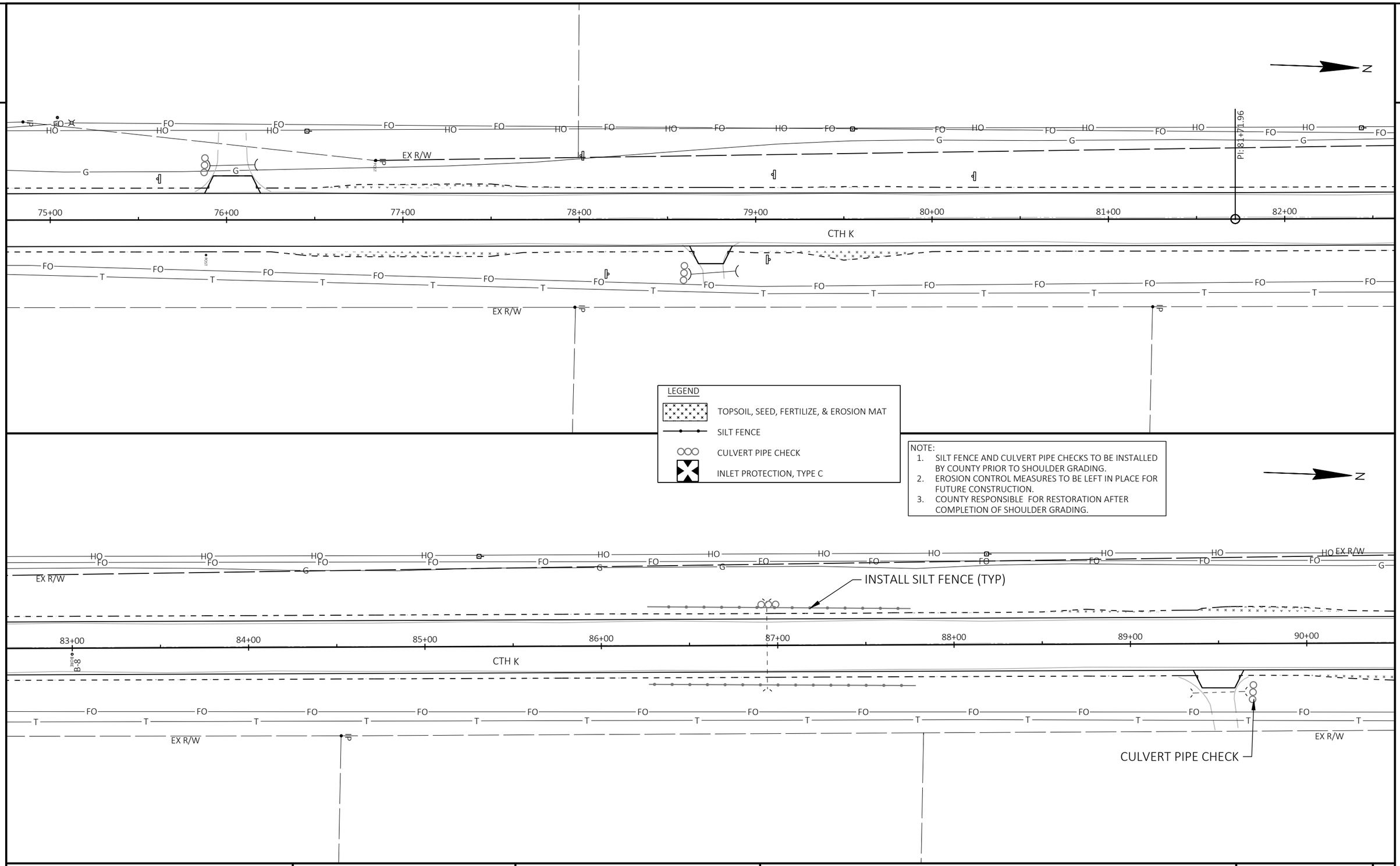
- TOPSOIL, SEED, FERTILIZE, & EROSION MAT
- SILT FENCE
- CULVERT PIPE CHECK
- INLET PROTECTION, TYPE C

NOTE:

1. SILT FENCE AND CULVERT PIPE CHECKS TO BE INSTALLED BY COUNTY PRIOR TO SHOULDER GRADING.
2. EROSION CONTROL MEASURES TO BE LEFT IN PLACE FOR FUTURE CONSTRUCTION.
3. COUNTY RESPONSIBLE FOR RESTORATION AFTER COMPLETION OF SHOULDER GRADING.



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 39	E



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 40	E

2

2

N

CULVERT PIPE CHECK

EX R/W

PI: 91+01.17

315

102

91+00 92+00 93+00 94+00 95+00 96+00 97+00 98+00

CTH K

EX R/W

LEGEND

- TOPSOIL, SEED, FERTILIZE, & EROSION MAT
- SILT FENCE
- CULVERT PIPE CHECK
- INLET PROTECTION, TYPE C

NOTE:

1. SILT FENCE AND CULVERT PIPE CHECKS TO BE INSTALLED BY COUNTY PRIOR TO SHOULDER GRADING.
2. EROSION CONTROL MEASURES TO BE LEFT IN PLACE FOR FUTURE CONSTRUCTION.
3. COUNTY RESPONSIBLE FOR RESTORATION AFTER COMPLETION OF SHOULDER GRADING.

N

INSTALL SILT FENCE (TYP)

EX R/W

99+00 100+00 101+00 102+00 103+00 104+00 105+00 106+00

CTH K

EX R/W

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 41	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 022006-ec

PLOT DATE : 12/20/2024 1:06 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

EX R/W

107+00 108+00 109+00 110+00 111+00 112+00 113+00 114+00

CTH K

313

EX R/W

LEGEND

TOPSOIL, SEED, FERTILIZE, & EROSION MAT

SILT FENCE

CULVERT PIPE CHECK

INLET PROTECTION, TYPE C

NOTE:
1. SILT FENCE AND CULVERT PIPE CHECKS TO BE INSTALLED BY COUNTY PRIOR TO SHOULDER GRADING.
2. EROSION CONTROL MEASURES TO BE LEFT IN PLACE FOR FUTURE CONSTRUCTION.
3. COUNTY RESPONSIBLE FOR RESTORATION AFTER COMPLETION OF SHOULDER GRADING.

N

Little Valley Rd

PI: 115+10.46

EX R/W

CTH K

115+00 116+00 117+00 118+00 119+00 120+00 121+00 122

CULVERT PIPE CHECK

INSTALL SILT FENCE (TYP)

Little Valley Rd

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 42	E

2

2

N

HO FO G T OH XXXX XXXX

EX R/W

PC: 118+38.38

123+00 124+00 125+00 126+00 127+00 128+00 129+00

CTH K

4301

3301

LEGEND

TOPSOIL, SEED, FERTILIZE, & EROSION MAT

SILT FENCE

CULVERT PIPE CHECK

INLET PROTECTION, TYPE C

NOTE:
1. SILT FENCE AND CULVERT PIPE CHECKS TO BE INSTALLED BY COUNTY PRIOR TO SHOULDER GRADING.
2. EROSION CONTROL MEASURES TO BE LEFT IN PLACE FOR FUTURE CONSTRUCTION.
3. COUNTY RESPONSIBLE FOR RESTORATION AFTER COMPLETION OF SHOULDER GRADING.

SUNSET LN

PT: 134+84.87

100

300

B-13-7

130+00 131+00 132+00 133+00 134+00 135+00 136+00 137+00

CTH K

CULVERT PIPE CHECK

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	EROSION CONTROL	SHEET 43	E

2

PINE STREET

CTH K

EX R/W

CONC

EX 24-INCH SS PIPE

EX 30-INCH SS PIPE

PROP 9 STA 10+56, 20.5' LT INLETS 2x3-H

PROP 10 STA 11+81, 23.5' LT INLETS 2x3-H-S

REMOVE EX 9

REMOVE EX 10

6 LF SSPRC CLASS III 12-INCH @ 2.77%

39 LF SSPRC CLASS III 12-INCH @ 2.16%

INSULATE WATERMAIN

PC: 10+93.70

PT: 11+79.70

11+00

12+00

108

340

EX 8

EX 3

EX 7

BP: 10+00.00

N

PROP 9 - INLETS 2x3-H
N = 569662.03
E = 741496.37
RIM = 1087.32
INV 12-INCH RCP OUT = 1083.42 NE

CONNECT TO EXISTING
24-INCH RCP
WITH CONCRETE COLLAR

CONNECT TO EXISTING
30-INCH RCP
WITH CONCRETE COLLAR

PROP 10 - INLETS 2x3-H-S
N = 569766.90
E = 741405.06
RIM = 1088.09
INV 12-INCH RCP OUT = 1084.10 S

1090 1080 1087.32 1083.42 1083.25 6 LF SSPRC CLASS III 12-INCH @ 2.77%

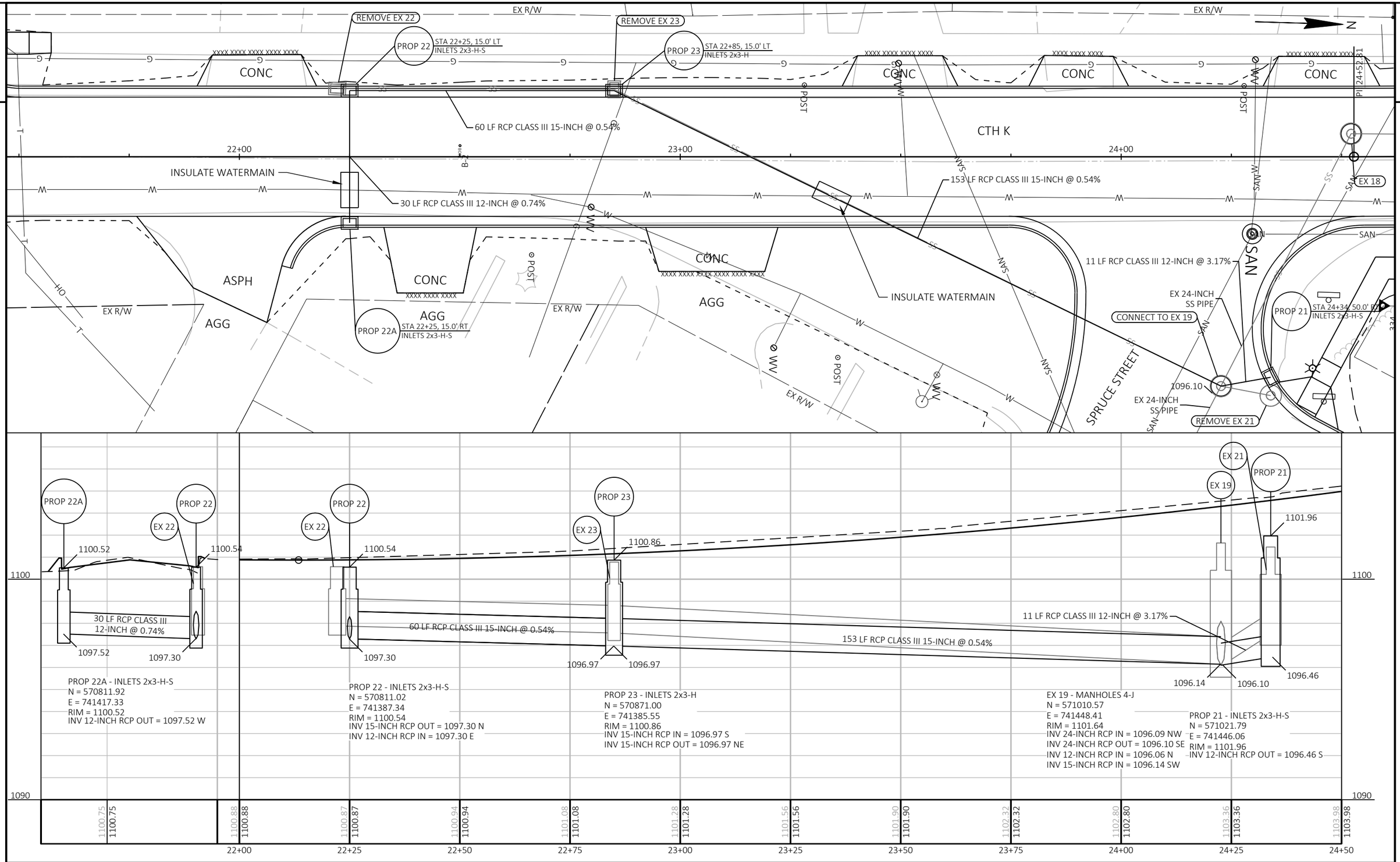
1087.66 1087.45 1087.58

1090 1080 1088.09 1084.10 1083.25 39 LF SSPRC CLASS III 12-INCH @ 2.16%

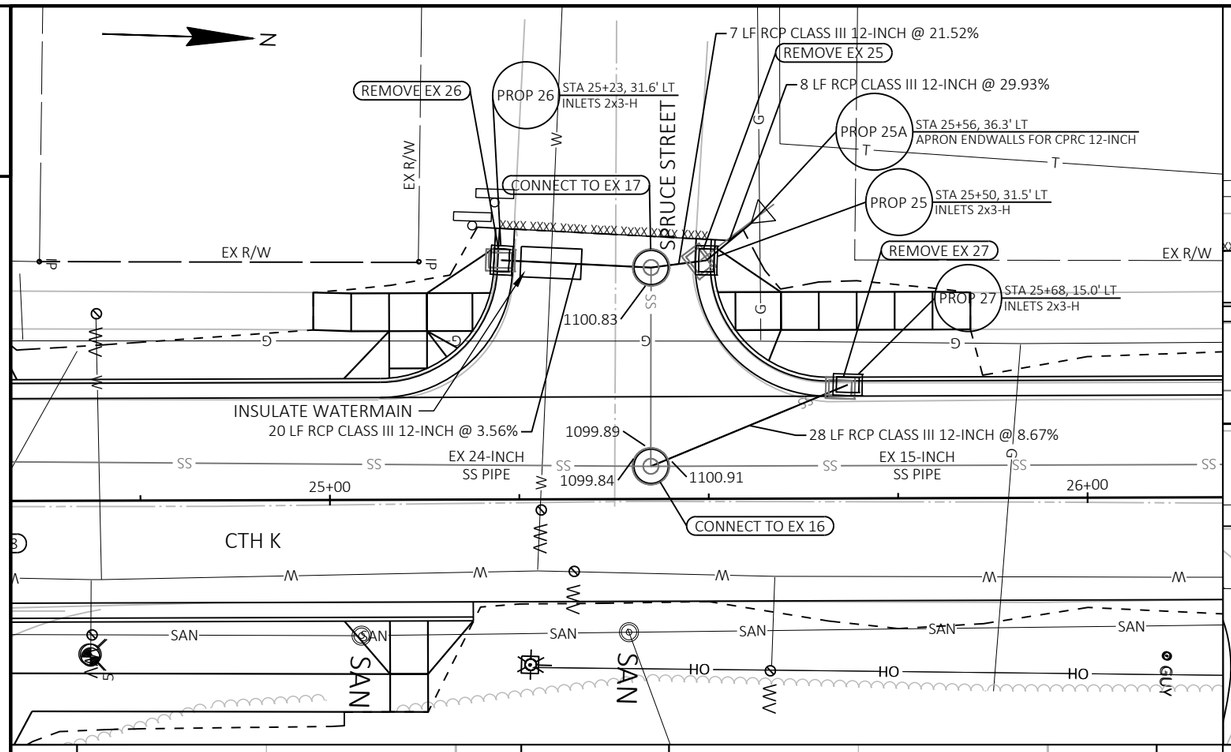
1087.76 1087.80 1088.46 1088.16 1087.84 1088.20

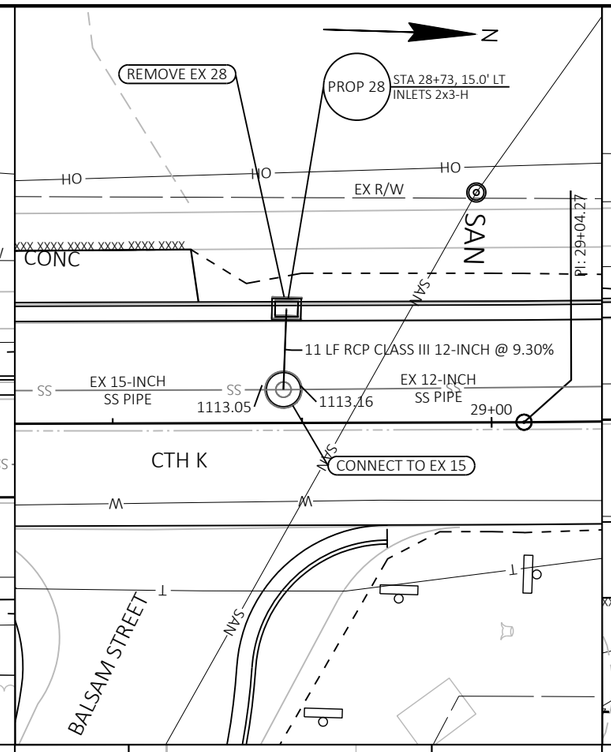
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	STORM SEWER DETAIL	SHEET 44	E

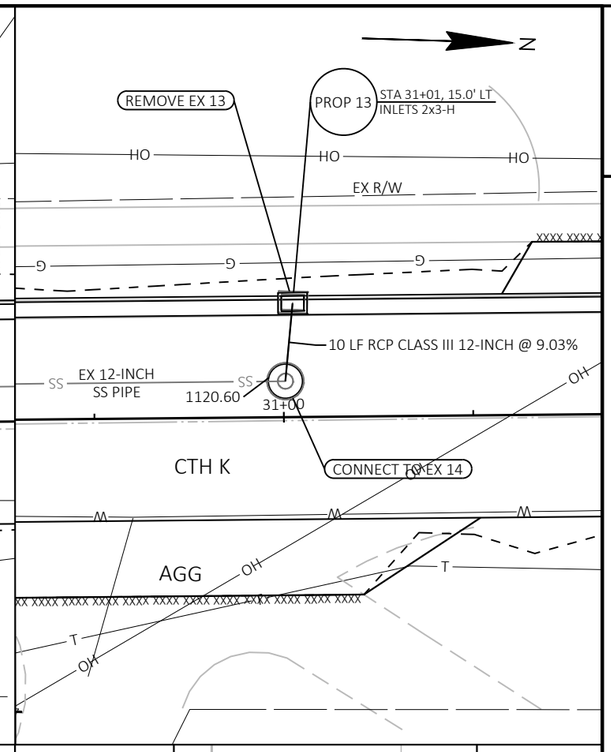
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LAYOUT NAME - 022501-ss
PLOT DATE : 10/16/2024 1:38 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 41

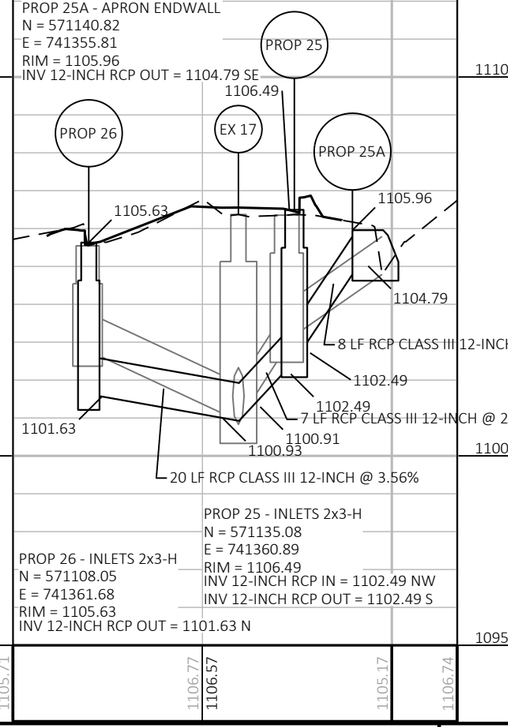


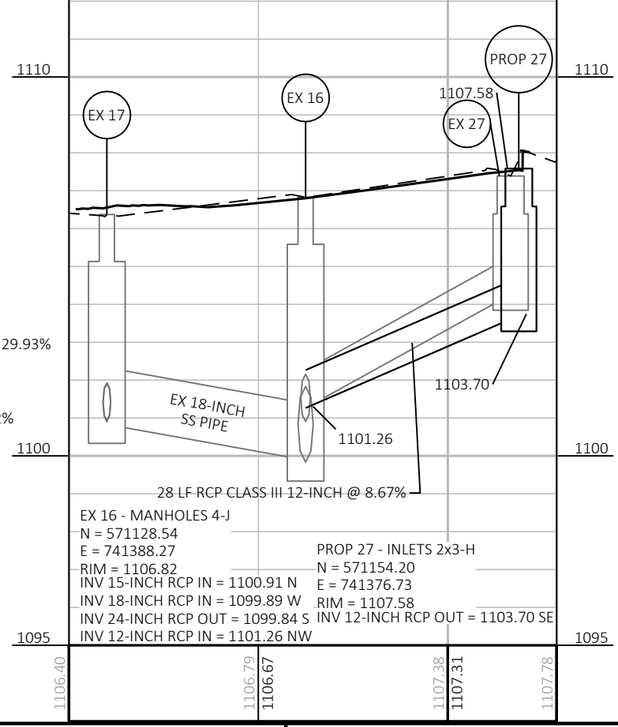
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	STORM SEWER DETAIL	SHEET 45	E

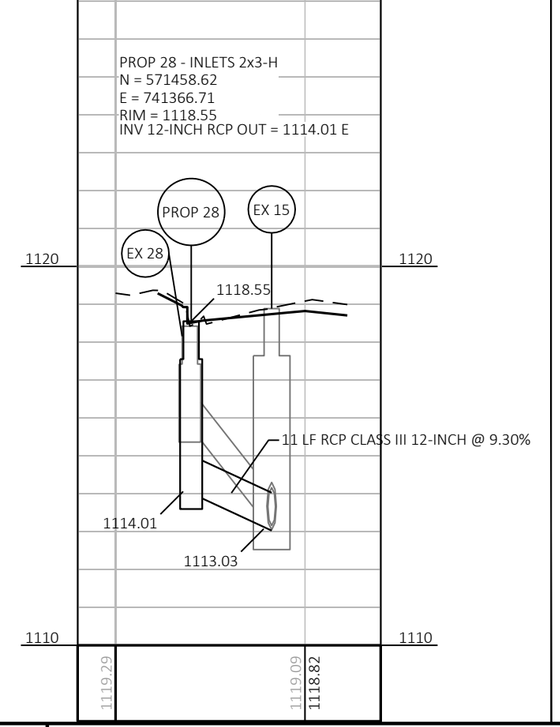


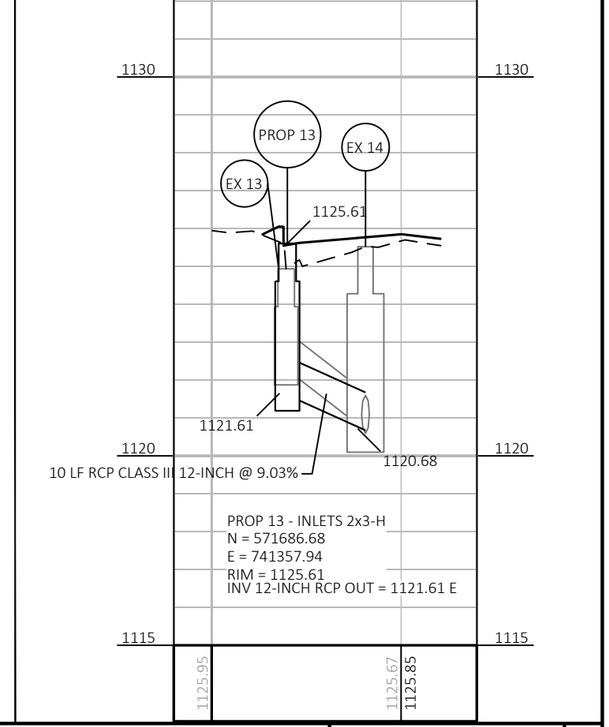












PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	STORM SEWER DETAIL	SHEET 46	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022503-ss
PLOT DATE : 10/16/2024 1:38 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : ##########

NOTE: THIS SHEET IS FOR INFORMATION ONLY.
CITY WILL BE INSTALLING SANITARY SEWER
AND WATERMAIN DURING PROJECT.

PROPOSED 6" PVC C-900 WATERMAIN
(BY CITY)

PROPOSED SANITARY SEWER (BY CITY)

PROPOSED 6" PVC C-900 WATERMAIN

PROPOSED SANITARY SEWER

8.0 INCH PVC PIPE @ 1.65%

8.0 INCH PVC PIPE @ 0.90%

1084.35

1088.92

1091.49

1093.35

1095.62

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PROPOSED WATER AND SANITARY	SHEET 47 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - 023001-up
PLOT DATE : 8/26/2024 11:20 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTE: THIS SHEET IS FOR INFORMATION ONLY.
CITY WILL BE INSTALLING SANITARY SEWER
AND WATERMAIN DURING PROJECT.

EXISTING STORM SEWER

NEW 6" PVC C-900 WATERMAIN
(BY CITY)

PROPOSED SANITARY SEWER
(BY CITY)

CTH K

Spruce

High

MATCH LINE 21+00

MATCH LINE 27+00

EX R/W

21+00 22+00 23+00 24+00 25+00 26+00 27+00

PI 24+52.81

277 368 365 2147

1101.09 1103.12 1105.04 1106.18

8.0 inch PVC Pipe

8.0 INCH PVC PIPE @ 0.19%

8.0 INCH PVC PIPE @ 6.08%

8.0 INCH PVC PIPE @ 1.73%

8.0 INCH PVC PIPE @ 4.90%

1094.22 1098.74 1099.35 1104.11

EXISTING STORM SEWER

PROPOSED 6" PVC C-900 WATERMAIN

PROPOSED SANITARY SEWER

1110 1100 1090 1085

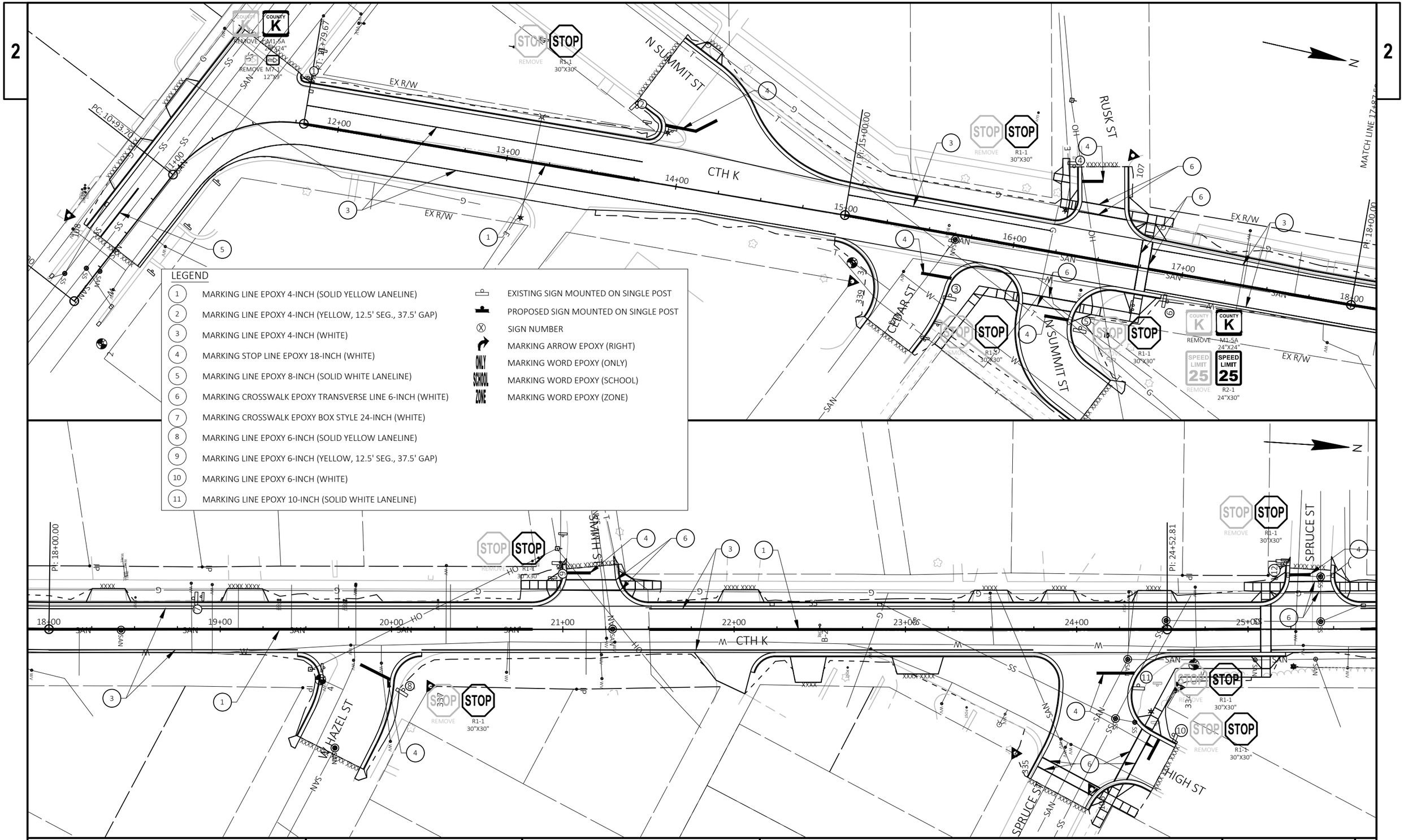
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21				22				23				24				25				26				27	

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PROPOSED WATER AND SANITARY	SHEET 48	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\023001-UP.DWG
LAYOUT NAME - 023002-up

PLOT DATE : 8/26/2024 11:21 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

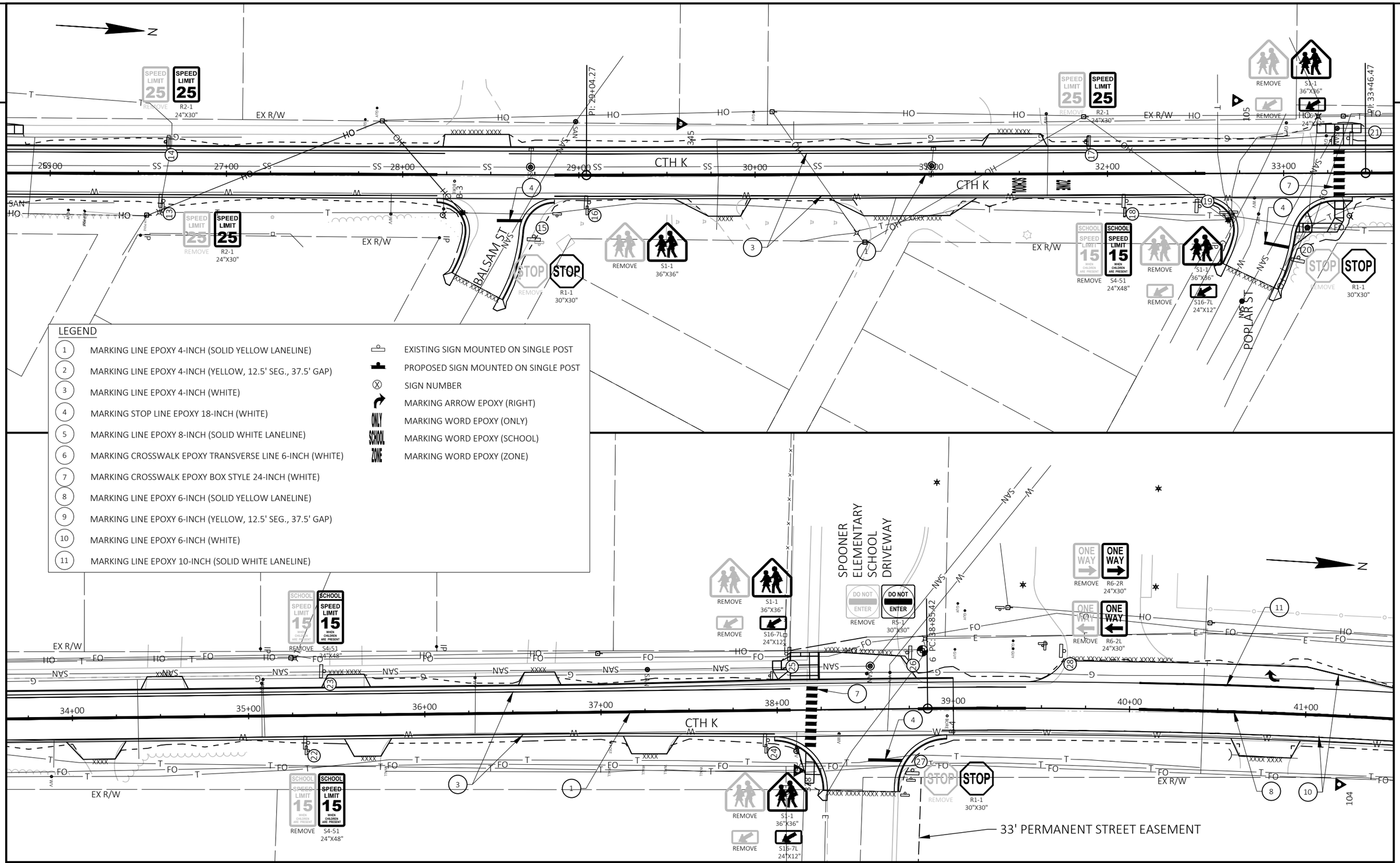
WISDOT/CADDS SHEET 42



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PAVEMENT MARKING	SHEET 49	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm

PLOT DATE : 12/12/2024 3:31 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:50 FT

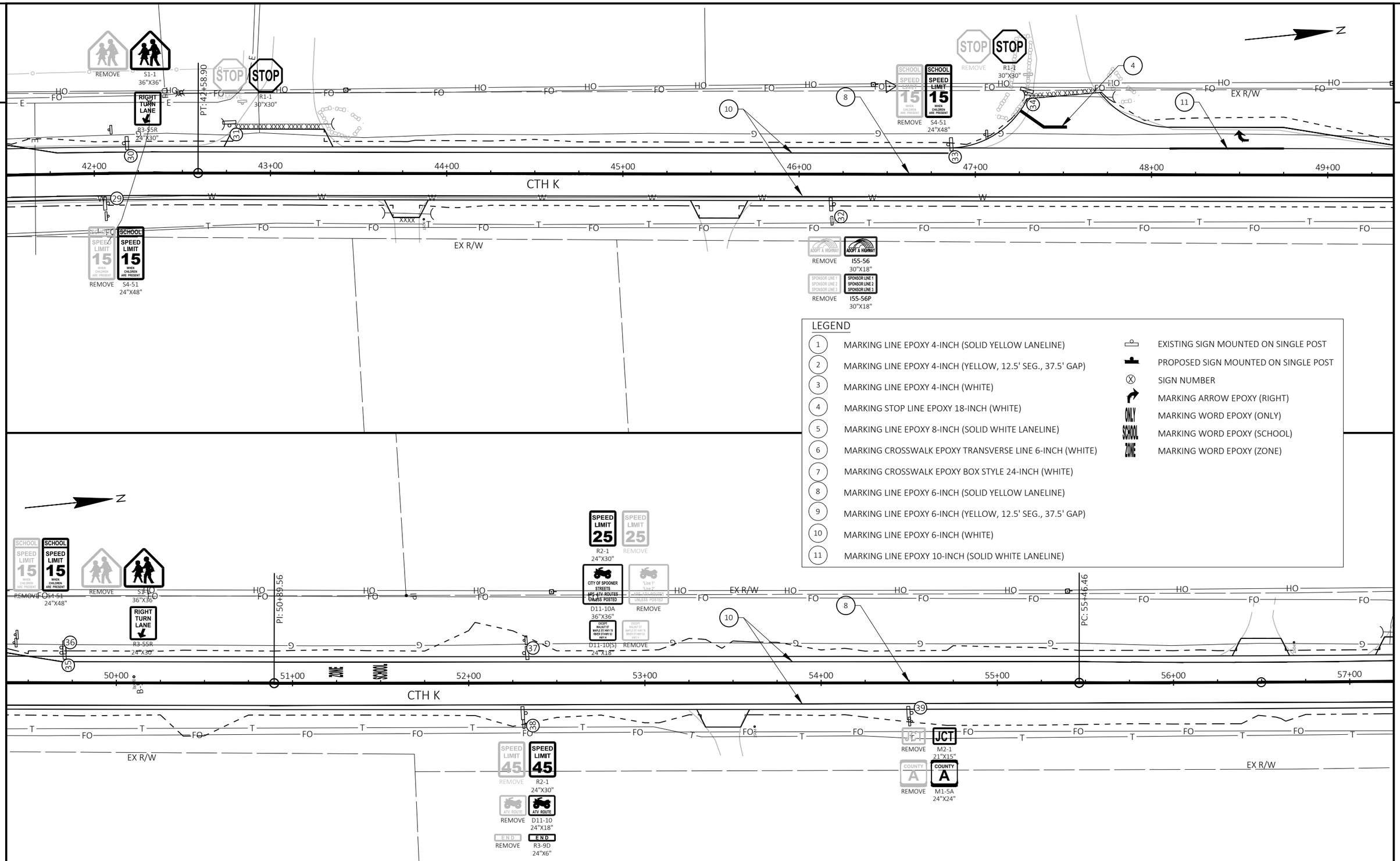


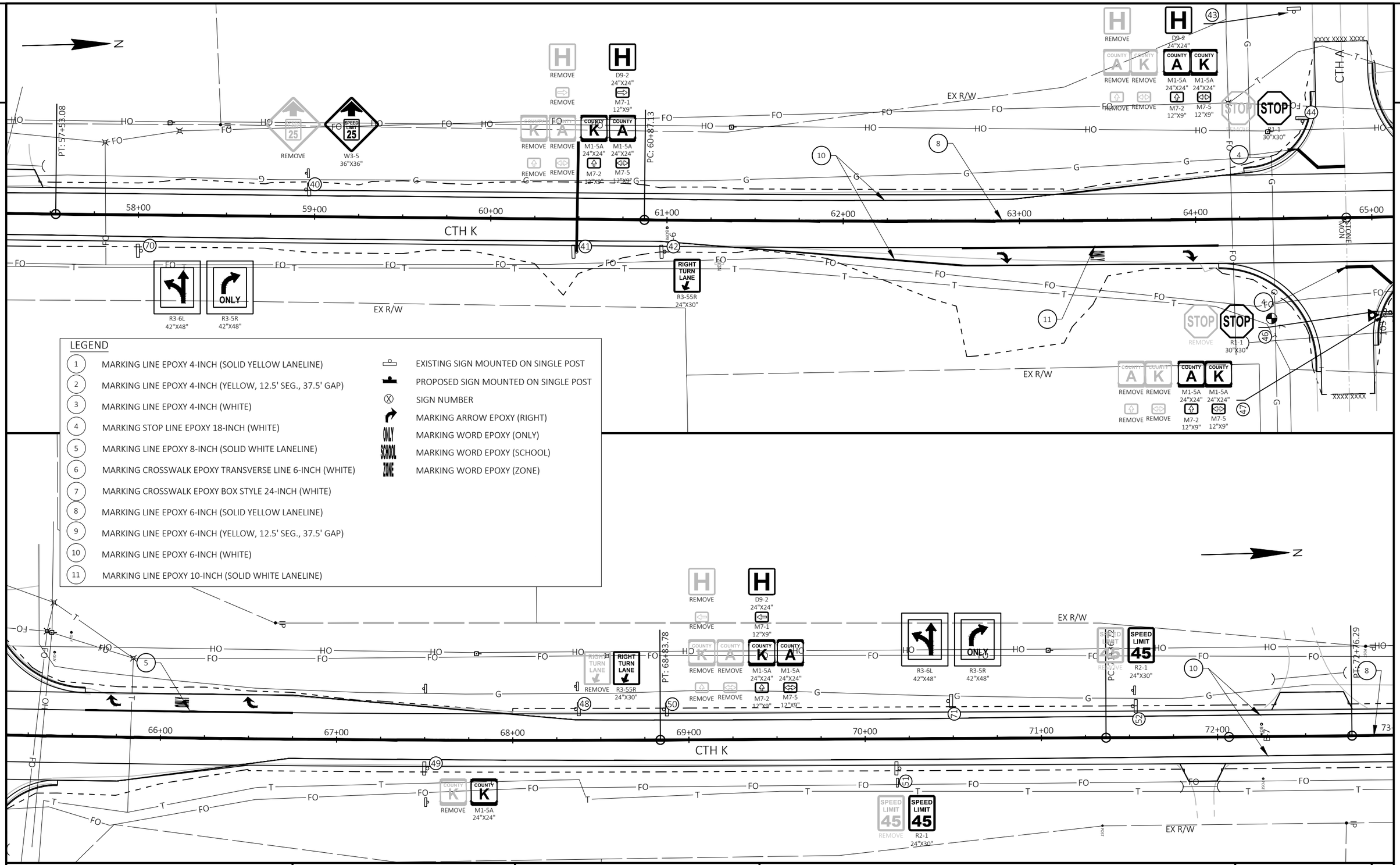
LEGEND

1	MARKING LINE EPOXY 4-INCH (SOLID YELLOW LANELINE)
2	MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
3	MARKING LINE EPOXY 4-INCH (WHITE)
4	MARKING STOP LINE EPOXY 18-INCH (WHITE)
5	MARKING LINE EPOXY 8-INCH (SOLID WHITE LANELINE)
6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7	MARKING CROSSWALK EPOXY BOX STYLE 24-INCH (WHITE)
8	MARKING LINE EPOXY 6-INCH (SOLID YELLOW LANELINE)
9	MARKING LINE EPOXY 6-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
10	MARKING LINE EPOXY 6-INCH (WHITE)
11	MARKING LINE EPOXY 10-INCH (SOLID WHITE LANELINE)

	EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
X	SIGN NUMBER
	MARKING ARROW EPOXY (RIGHT)
ONLY	MARKING WORD EPOXY (ONLY)
SCHOOL	MARKING WORD EPOXY (SCHOOL)
ZONE	MARKING WORD EPOXY (ZONE)

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PAVEMENT MARKING	SHEET 50	E


2
2
N
REMOVE
S1-1
36"X36"
RIGHT TURN LANE
R3-55R
24"X30"
STOP
STOP
R1-1
30"X30"
PT: 42+58.90
HO
FO
E
42+00
43+00
44+00
45+00
46+00
47+00
48+00
49+00
CTH K
EX R/W
SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
SCHOOL SPEED LIMIT 15 WHEN CHILDREN ARE PRESENT
REMOVE
S4-51
24"X48"
ADOPT A HIGHWAY
I55-56
30"X18"
SPONSOR LINE 1
SPONSOR LINE 2
SPONSOR LINE 3
I55-56P
30"X18"
W
T
FO
G
XXXX
XXXX XXXX XXXX XXXX
LEGEND
1 MARKING LINE EPOXY 4-INCH (SOLID YELLOW LANELINE)
2 MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
3 MARKING LINE EPOXY 4-INCH (WHITE)
4 MARKING STOP LINE EPOXY 18-INCH (WHITE)
5 MARKING LINE EPOXY 8-INCH (SOLID WHITE LANELINE)
6 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7 MARKING CROSSWALK EPOXY BOX STYLE 24-INCH (WHITE)
8 MARKING LINE EPOXY 6-INCH (SOLID YELLOW LANELINE)
9 MARKING LINE EPOXY 6-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
10 MARKING LINE EPOXY 6-INCH (WHITE)
11 MARKING LINE EPOXY 10-INCH (SOLID WHITE LANELINE)
EXISTING SIGN MOUNTED ON SINGLE POST
PROPOSED SIGN MOUNTED ON SINGLE POST
SIGN NUMBER
MARKING ARROW EPOXY (RIGHT)
ONLY MARKING WORD EPOXY (ONLY)
SCHOOL MARKING WORD EPOXY (SCHOOL)
ZONE MARKING WORD EPOXY (ZONE)
SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT
R2-1
24"X30"
CITY OF SPOONER STREETS ARE ATV ROUTES UNLESS POSTED
D11-10A
36"X36"
EXCEPT WALNUT ST MAPLE ST HWY 70 HIGH STHWY 63 HWY 8
D11-10(S)
24"X18"
PI: 50+89.56
PC: 55+46.46
50+00
51+00
52+00
53+00
54+00
55+00
56+00
57+00
SPEED LIMIT 45
R2-1
24"X30"
ATV ROUTE
D11-10
24"X18"
END
R3-9D
24"X6"
JCT
M2-1
21"X15"
COUNTY A
M1-5A
24"X24"
PROJECT NO: 8800-00-70
HWY: CTH K
COUNTY: WASHBURN
PAVEMENT MARKING
SHEET 51
E
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024503-pm
PLOT DATE : 12/12/2024 3:31 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



LEGEND

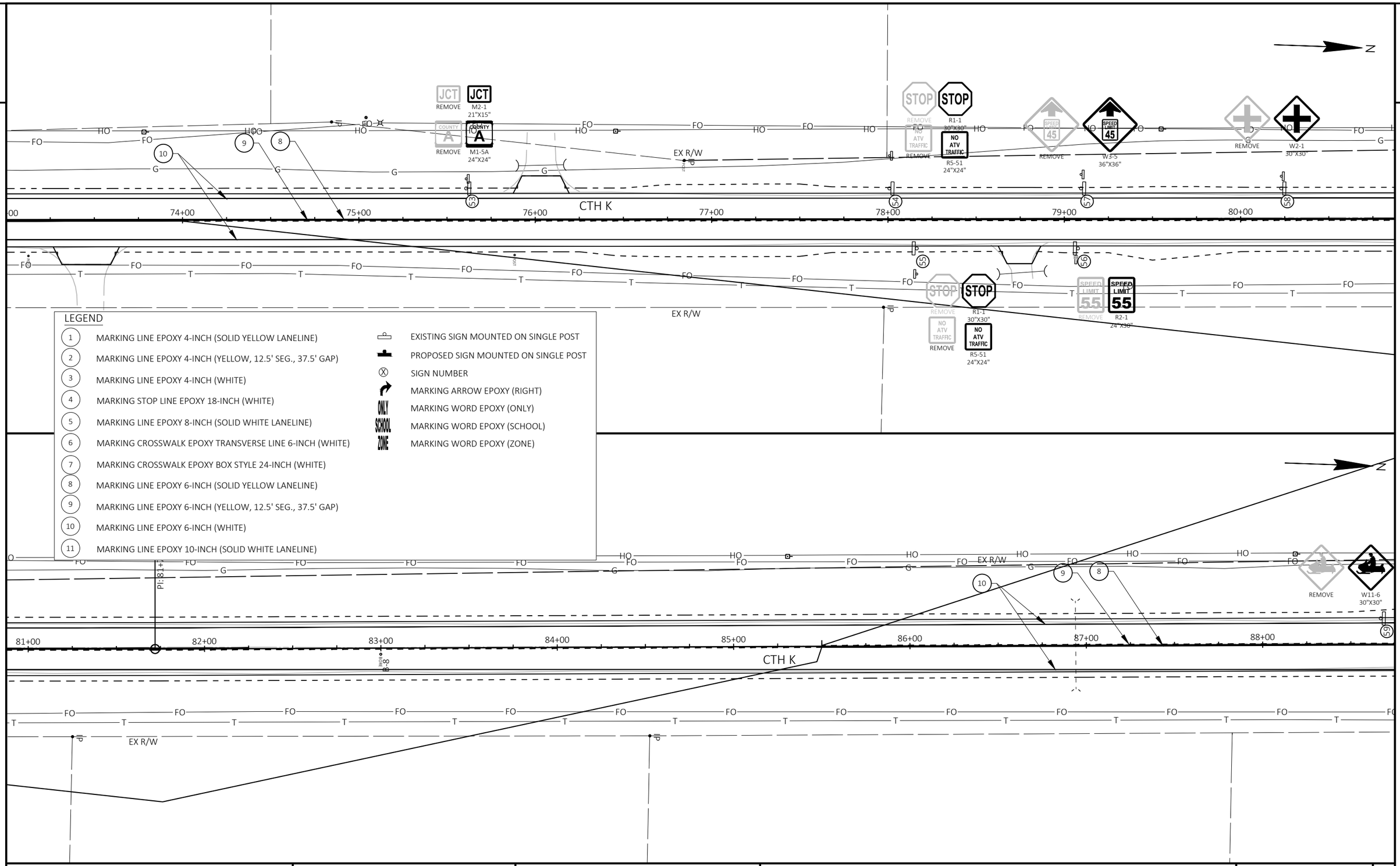
1	MARKING LINE EPOXY 4-INCH (SOLID YELLOW LANELINE)
2	MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
3	MARKING LINE EPOXY 4-INCH (WHITE)
4	MARKING STOP LINE EPOXY 18-INCH (WHITE)
5	MARKING LINE EPOXY 8-INCH (SOLID WHITE LANELINE)
6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7	MARKING CROSSWALK EPOXY BOX STYLE 24-INCH (WHITE)
8	MARKING LINE EPOXY 6-INCH (SOLID YELLOW LANELINE)
9	MARKING LINE EPOXY 6-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
10	MARKING LINE EPOXY 6-INCH (WHITE)
11	MARKING LINE EPOXY 10-INCH (SOLID WHITE LANELINE)

	EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
X	SIGN NUMBER
	MARKING ARROW EPOXY (RIGHT)
ONLY	MARKING WORD EPOXY (ONLY)
SCHOOL	MARKING WORD EPOXY (SCHOOL)
ZONE	MARKING WORD EPOXY (ZONE)

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PAVEMENT MARKING	SHEET 52	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024504-pm

PLOT DATE : 12/12/2024 3:32 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:50 FT

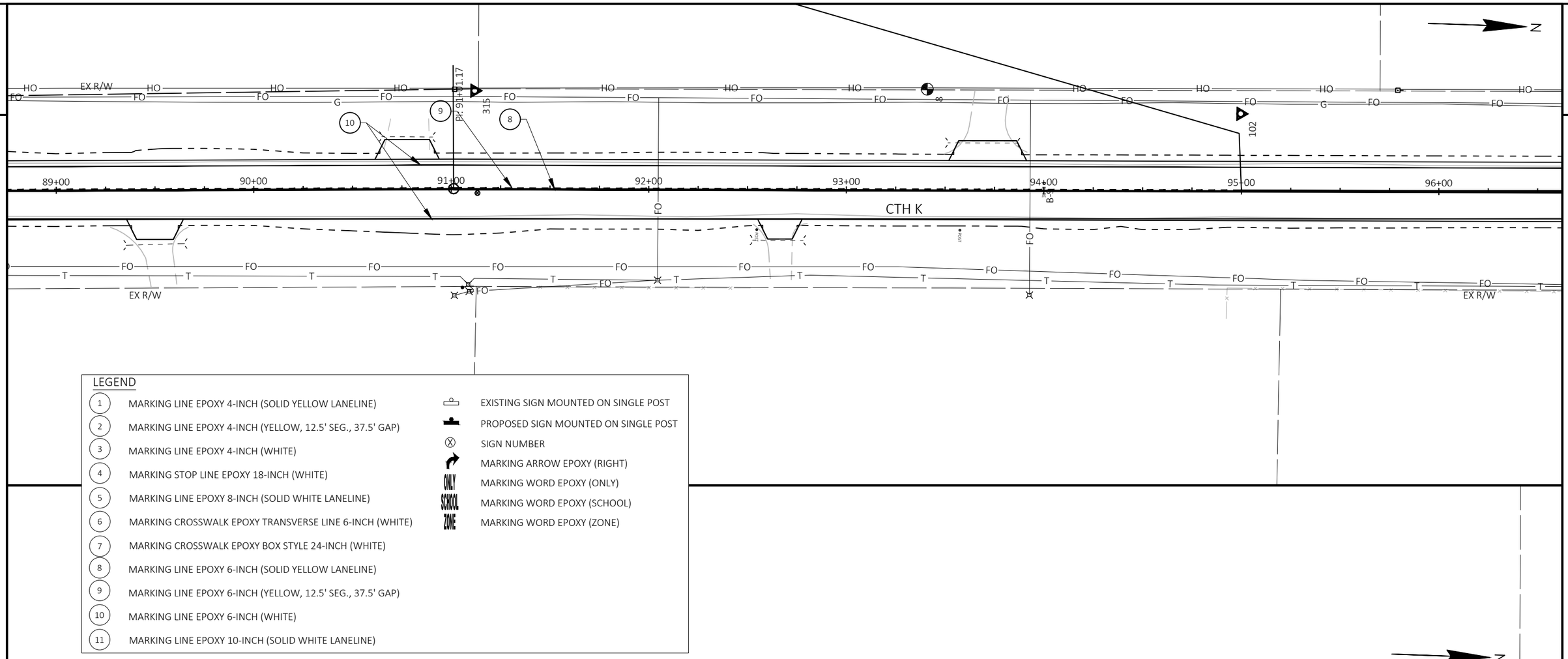


LEGEND

1	MARKING LINE EPOXY 4-INCH (SOLID YELLOW LANELINE)		EXISTING SIGN MOUNTED ON SINGLE POST
2	MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SEG., 37.5' GAP)		PROPOSED SIGN MOUNTED ON SINGLE POST
3	MARKING LINE EPOXY 4-INCH (WHITE)	X	SIGN NUMBER
4	MARKING STOP LINE EPOXY 18-INCH (WHITE)		MARKING ARROW EPOXY (RIGHT)
5	MARKING LINE EPOXY 8-INCH (SOLID WHITE LANELINE)	ONLY	MARKING WORD EPOXY (ONLY)
6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)	SCHOOL	MARKING WORD EPOXY (SCHOOL)
7	MARKING CROSSWALK EPOXY BOX STYLE 24-INCH (WHITE)	ZONE	MARKING WORD EPOXY (ZONE)
8	MARKING LINE EPOXY 6-INCH (SOLID YELLOW LANELINE)		
9	MARKING LINE EPOXY 6-INCH (YELLOW, 12.5' SEG., 37.5' GAP)		
10	MARKING LINE EPOXY 6-INCH (WHITE)		
11	MARKING LINE EPOXY 10-INCH (SOLID WHITE LANELINE)		

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PAVEMENT MARKING	SHEET 53	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024505-pm
PLOT DATE : 12/12/2024 3:32 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:50 FT



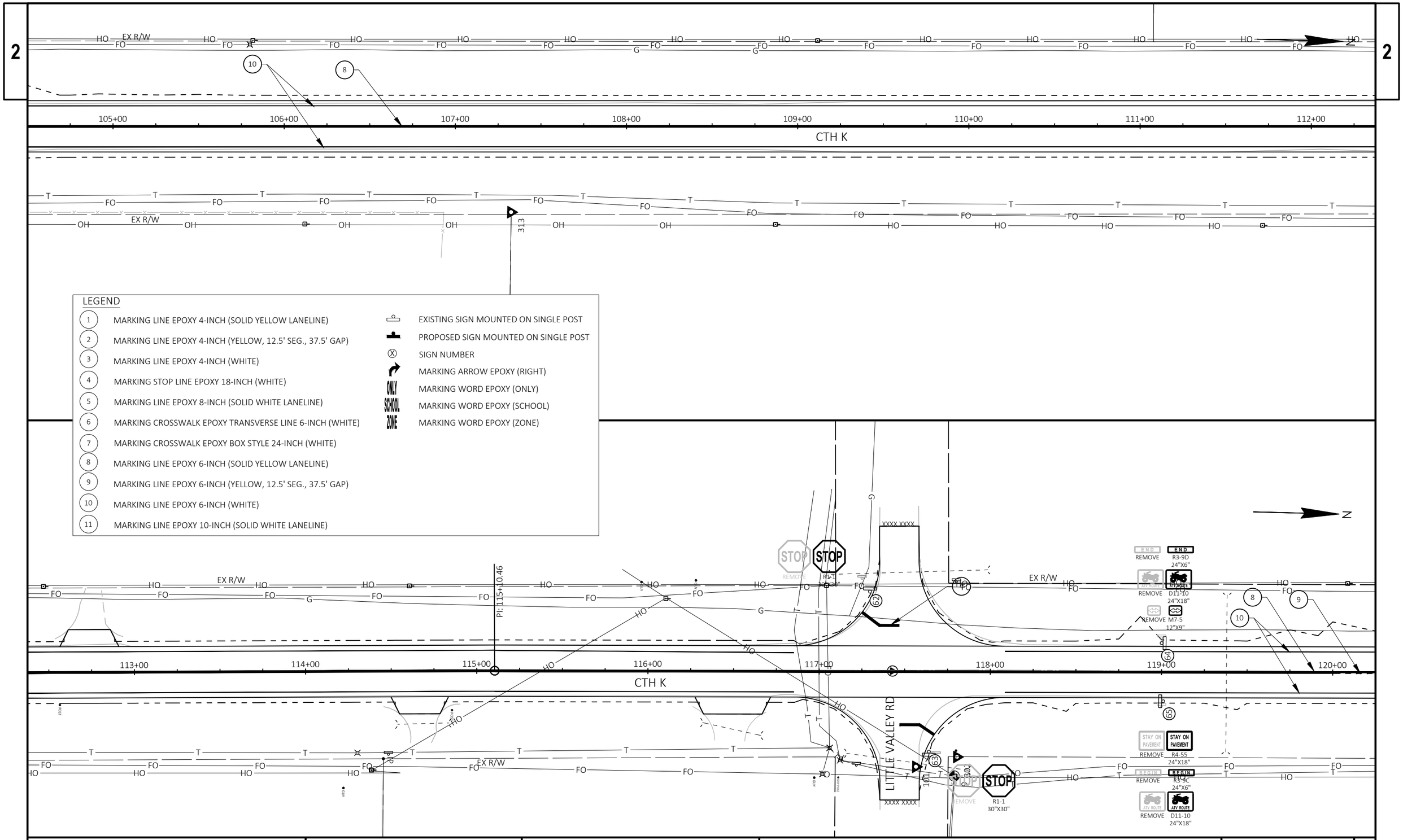
LEGEND

1	MARKING LINE EPOXY 4-INCH (SOLID YELLOW LANELINE)
2	MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
3	MARKING LINE EPOXY 4-INCH (WHITE)
4	MARKING STOP LINE EPOXY 18-INCH (WHITE)
5	MARKING LINE EPOXY 8-INCH (SOLID WHITE LANELINE)
6	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
7	MARKING CROSSWALK EPOXY BOX STYLE 24-INCH (WHITE)
8	MARKING LINE EPOXY 6-INCH (SOLID YELLOW LANELINE)
9	MARKING LINE EPOXY 6-INCH (YELLOW, 12.5' SEG., 37.5' GAP)
10	MARKING LINE EPOXY 6-INCH (WHITE)
11	MARKING LINE EPOXY 10-INCH (SOLID WHITE LANELINE)

	EXISTING SIGN MOUNTED ON SINGLE POST
	PROPOSED SIGN MOUNTED ON SINGLE POST
Ⓧ	SIGN NUMBER
	MARKING ARROW EPOXY (RIGHT)
ONLY	MARKING WORD EPOXY (ONLY)
SCHOOL	MARKING WORD EPOXY (SCHOOL)
ZONE	MARKING WORD EPOXY (ZONE)

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PAVEMENT MARKING	SHEET 54	E

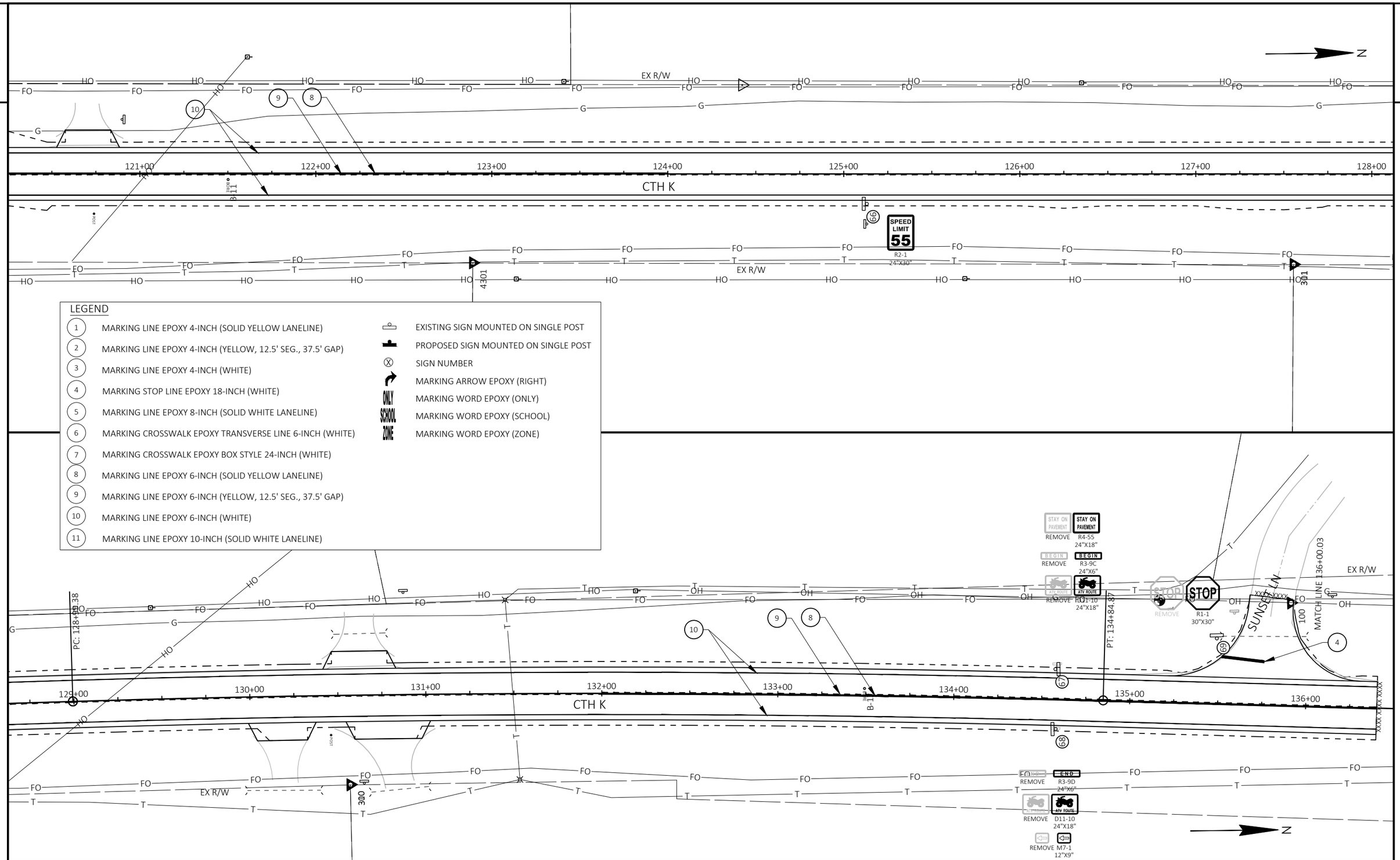
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024506-pm
PLOT DATE : 12/12/2024 3:32 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PAVEMENT MARKING	SHEET 55	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024507-pm

PLOT DATE : 12/12/2024 3:32 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:50 FT



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PAVEMENT MARKING	SHEET 56	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024508-pm
PLOT DATE : 12/12/2024 3:32 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:50 FT



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.

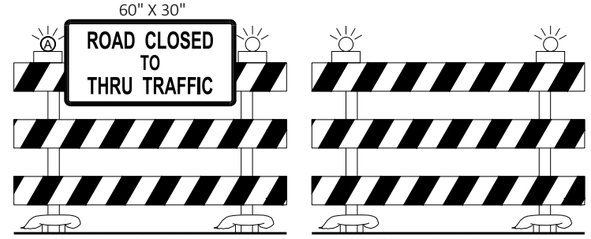
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA

R11-4
60" X 30"



TYPE III BARRICADE
1

TYPE III BARRICADE
2



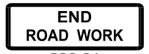
3



4

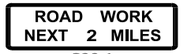


5



G20-2A
48"X24"

6



G20-1
60"X24"

7

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL PHASE 1 (RECONSTRUCTION)	SHEET 57	E



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.

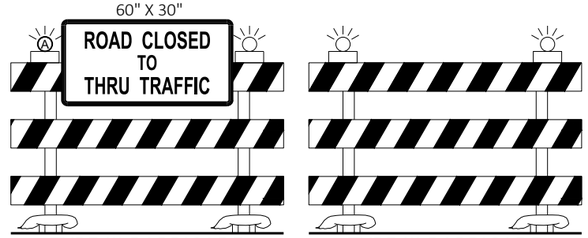
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA

R11-4
60" X 30"



TYPE III BARRICADE
1

TYPE III BARRICADE
2



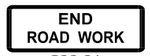
3



4

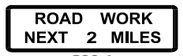


5



G20-2A
48"X24"

6



G20-1
60"X24"

7

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL PHASE 1 (RECONSTRUCTION)	SHEET 58	E



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.

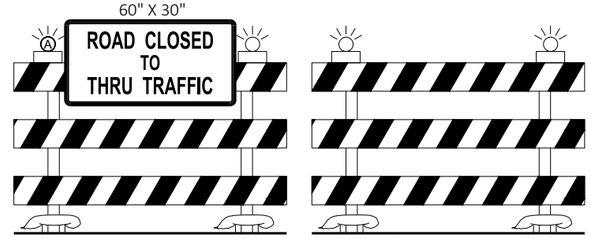
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA

R11-4
60" X 30"



TYPE III BARRICADE
1

TYPE III BARRICADE
2



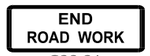
3



4

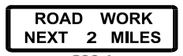


5



G20-2A
48"X24"

6



G20-1
60"X24"

7

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL PHASE 1 (RECONSTRUCTION)	SHEET 59	E



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.

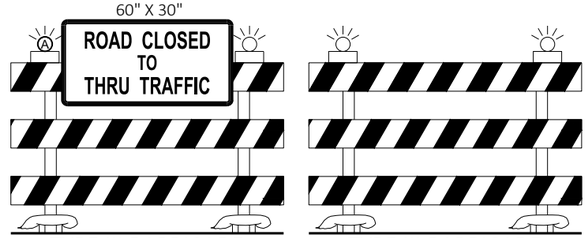
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA

R11-4
60" X 30"



TYPE III BARRICADE 1

TYPE III BARRICADE 2



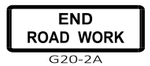
3



4



5



G20-2A
48"X24"

6

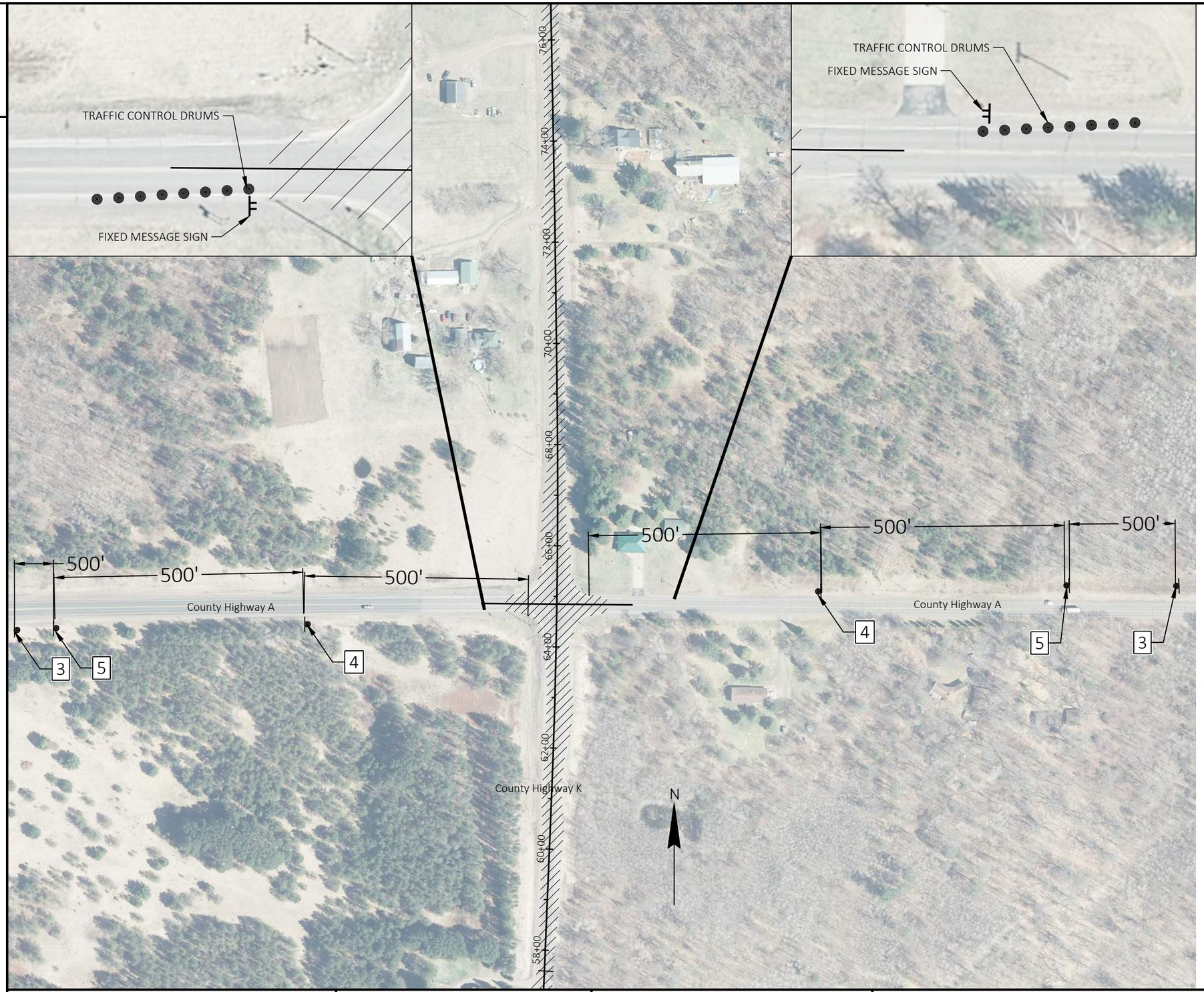


G20-1
60"X24"

7

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL PHASE 2 (PULVERIZE AND OVERLAY)	SHEET 60	E

2



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.

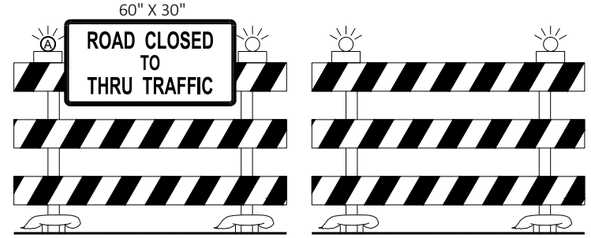
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA

R11-4
60" X 30"



TYPE III BARRICADE
1

TYPE III BARRICADE
2



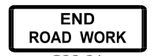
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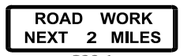
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5



G20-2A
48"X24"
6



G20-1
60"X24"
7

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL PHASE 2 (PULVERIZE AND OVERLAY)	SHEET 61	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025102-tc-5
PLOT DATE : 10/24/2024 12:22 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42



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.

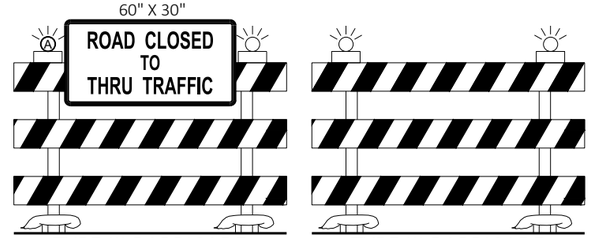
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA

R11-4
60" X 30"



TYPE III BARRICADE
1

TYPE III BARRICADE
2



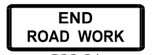
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4

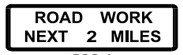


5



G20-2A
48"X24"

6



G20-1
60"X24"

7

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL PHASE 2 (PULVERIZE AND OVERLAY)	SHEET 62	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025102-tc-6
PLOT DATE : 10/24/2024 12:22 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:200 FT



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.

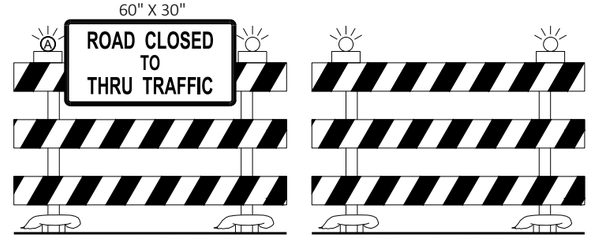
ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- FIXED MESSAGE SIGN
- TRAFFIC CONTROL DRUM
- WORK AREA

R11-4
60" X 30"



TYPE III BARRICADE 1

TYPE III BARRICADE 2



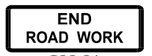
3



4

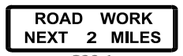


5



G20-2A
48"X24"

6



G20-1
60"X24"

7

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL PHASE 2 (PULVERIZE AND OVERLAY)	SHEET 63	E

2

2

M4-60R
30"X24"

M4-60L
30"X24"

M4-60L
30"X24"

107

Rusk

Summit

CTH K

CTH K

Cedar

SAN

B-1
BORE

WV

WV

GUY

OH

G

T

W

SAN

16+00

15+00

PI 15+00.00

339

3

N

TEMPORARY PEDESTRIAN SURFACE

TEMPORARY DETECTABLE WARNING FIELD

TEMPORARY CURB RAMP

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.

LEGEND

- TEMPORARY PEDESTRIAN CURB RAMPS ("TRAFFIC CONTROL, PEDESTRIAN ACCOMODATION")
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL - PEDESTRIAN	SHEET 64	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 1

PLOT DATE : 12/12/2024 3:31 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

2

TEMPORARY CURB RAMP

TEMPORARY PEDESTRIAN SURFACE

TEMPORARY DETECTABLE WARNING FIELD

CTH K

Spruce

High

CONC

AGG

M4-60R
30"X24"

M4-60L
30"X24"

LEAVE EXISTING ASPHALT FOR TEMPORARY PEDESTRIAN WALKWAY UNTIL NEW ROADWAY IS CONSTRUCTED

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.

LEGEND

- TEMPORARY PEDESTRIAN CURB RAMPS ("TRAFFIC CONTROL, PEDESTRIAN ACCOMODATION")
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL - PEDESTRIAN	SHEET 65	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 2
PLOT DATE : 12/12/2024 3:31 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

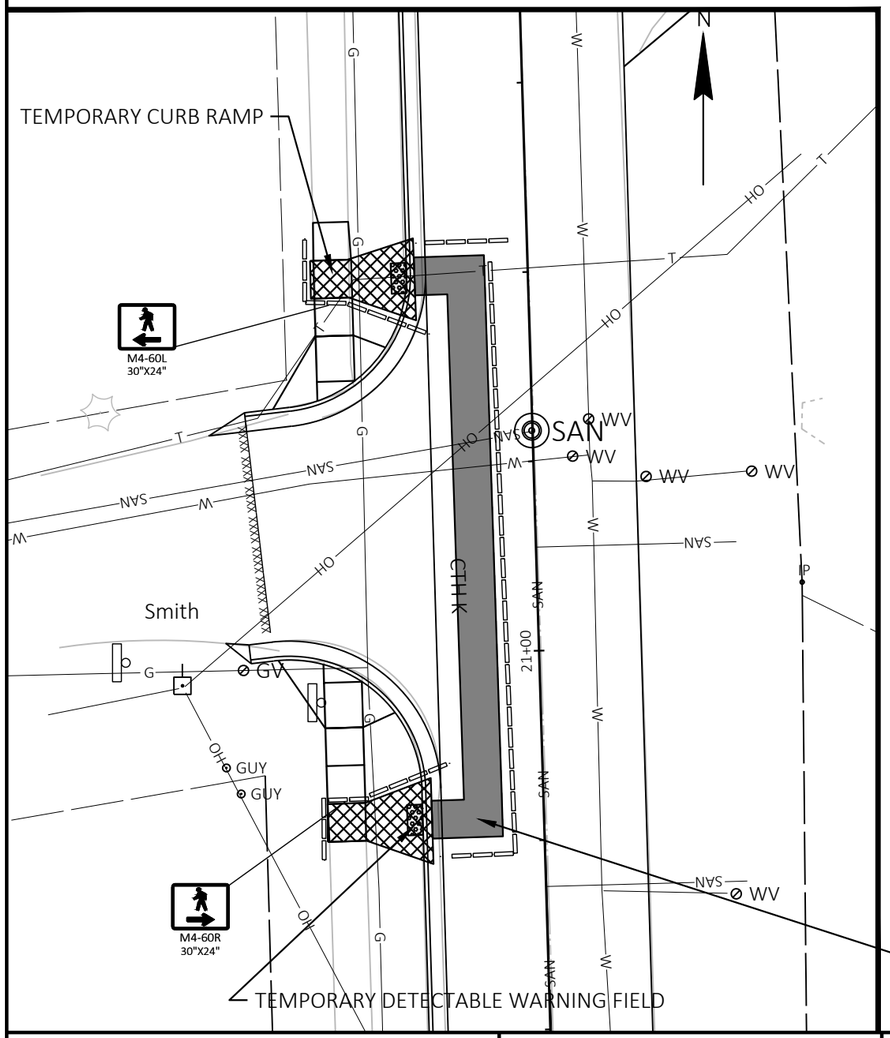
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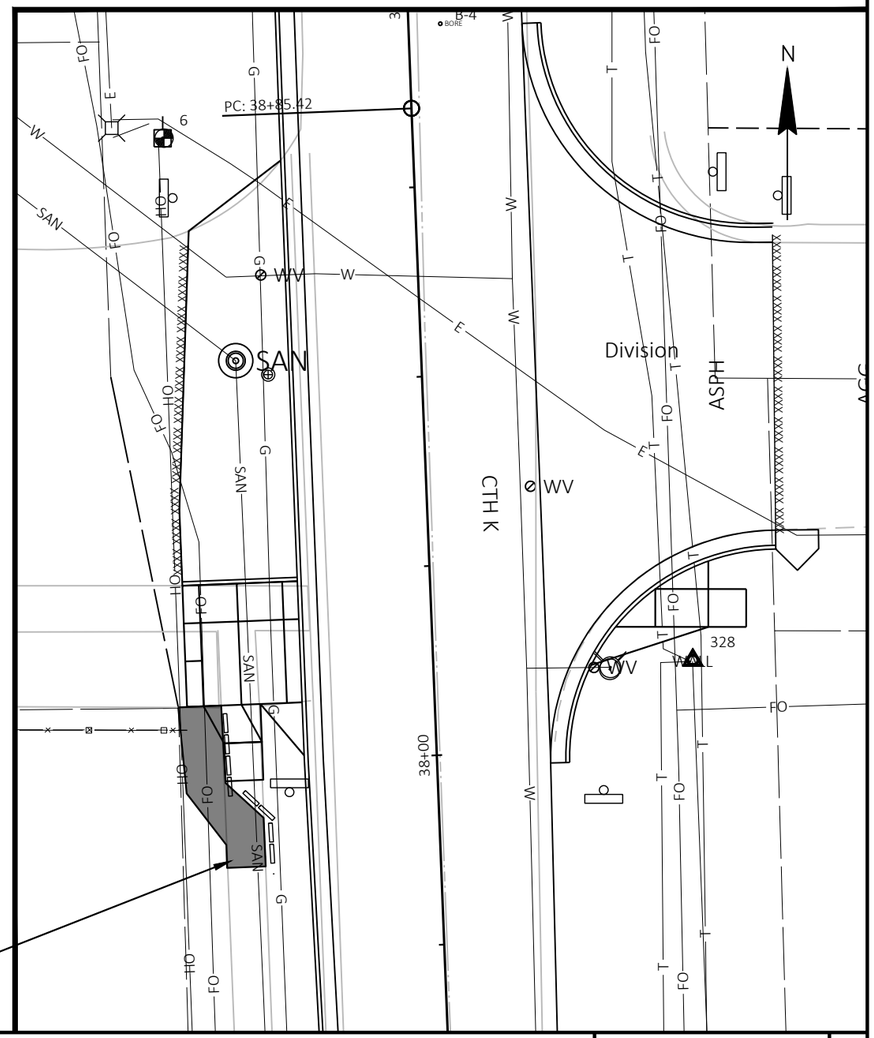
GENERAL NOTES

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

LEGEND

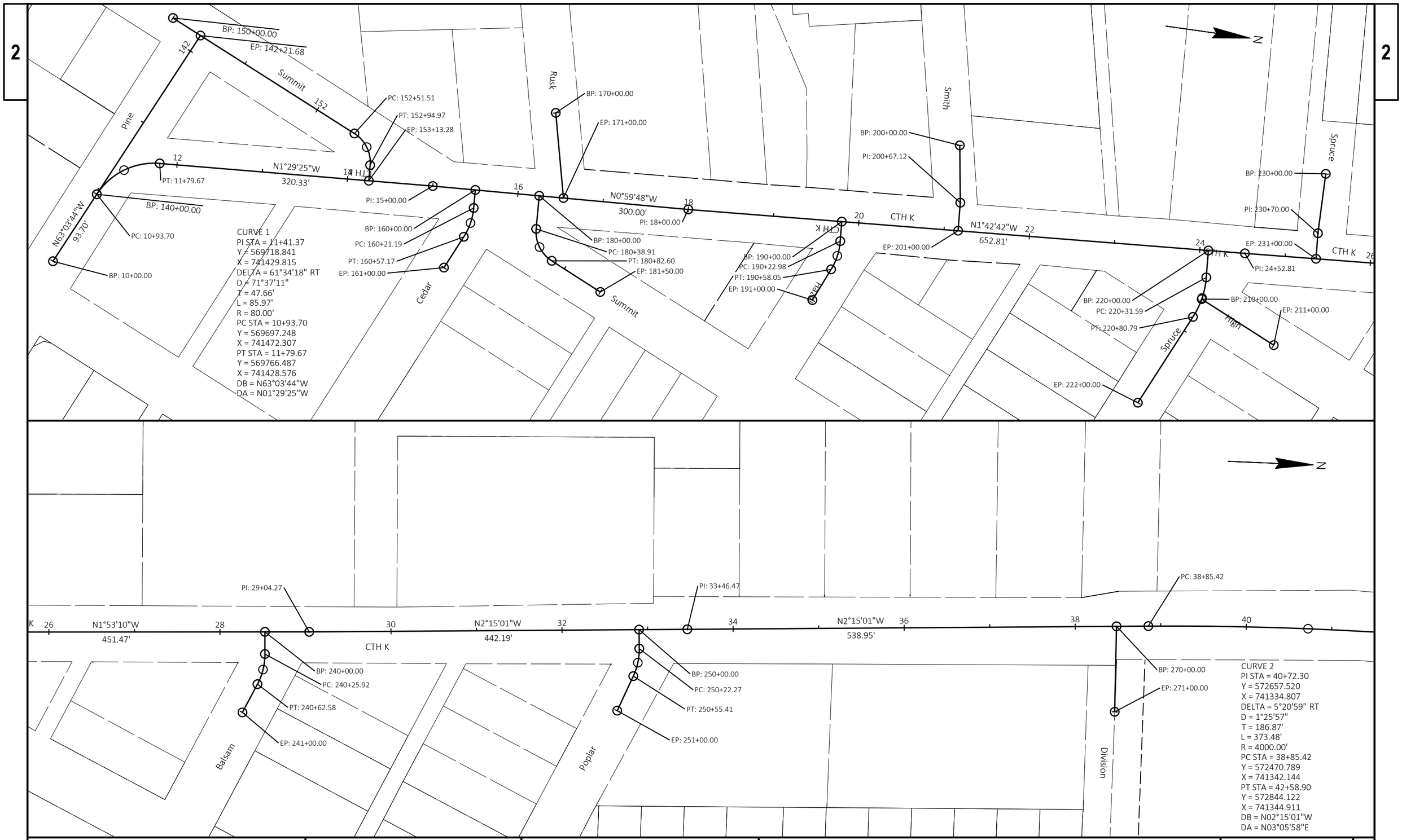
- TEMPORARY PEDESTRIAN CURB RAMPS ("TRAFFIC CONTROL, PEDESTRIAN ACCOMODATION")
- TEMPORARY PEDESTRIAN SURFACE MATTING
- TEMPORARY PEDESTRIAN DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE





PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	TRAFFIC CONTROL - PEDESTRIAN	SHEET 66	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\025102-TC.DWG
LAYOUT NAME - 3
PLOT DATE : 12/12/2024 3:32 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : ##########



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	ALIGNMENT DETAIL	SHEET 67	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\PLOT01AT.DWG 10/14/2024 11:37 AM
LAYOUT NAME - 01
PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

CURVE 3
PI STA = 56+49.77
Y = 574233.035
X = 741418.692
DELTA = 0°35'31" LT
D = 0°17'11"
T = 103.31'
L = 206.63'
R = 20000.00'
PC STA = 55+46.46
Y = 574129.858
X = 741413.368
PT STA = 57+53.08
Y = 574336.262
X = 741422.950
DB = N02°57'14"E
DA = N02°21'43"E

N

PT: 42+58.90

PI: 50+89.56

PC: 55+46.46

42 44 46 N3°05'58"E 830.66' 48 CTH K 50 52 N2°57'14"E 456.90' 54 56

CURVE 4
PI STA = 64+85.55
Y = 575068.102
X = 741453.136
DELTA = 3°02'35" LT
D = 0°22'55"
T = 398.42'
L = 796.65'
R = 15000.00'
PC STA = 60+87.13
Y = 574670.023
X = 741436.716
PT STA = 68+83.78
Y = 575466.491
X = 741448.400
DB = N02°21'43"E
DA = N00°40'52"W

County Highway A

N

BP: 290+00.00

PT: 57+53.08

PC: 60+87.13

PT: 68+83.78

PC: 71+36.72

PT: 72+76.29

58 N2°21'43"E 334.04' 60 62 64 CTH K 66 68 70 N0°40'52"W 252.94' 72

292

CURVE 5
PI STA = 72+06.51
Y = 575789.197
X = 741444.564
DELTA = 0°23'59" LT
D = 0°17'11"
T = 69.79'
L = 139.57'
R = 20000.00'
PC STA = 71+36.72
Y = 575719.416
X = 741445.393
PT STA = 72+76.29
Y = 575858.971
X = 741443.247
DB = N00°40'52"W
DA = N01°04'51"W

County Highway A

EP: 293+00.00

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	ALIGNMENT DETAIL	SHEET 68	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\PLOT01.DWG 10/14/2024 11:37 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 02

2

N

PI: 81+71.96

74 76 N1°04'51"W 78 CTH K 80 82 84 86 N1°15'38"W 88

895.67'

929.21'

N

PI: 91+01.17

90 92 94 96 CTH K 98 100 102 N0°51'52"W 104

2409.29'

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	ALIGNMENT DETAIL	SHEET 69	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\PLOT01AE.DWG 10/14/2024 11:37 AM
LAYOUT NAME - 03
PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

N

Little Valley

BP: 300+00.00

PI: 115+10.46

106 108 110 112 CTH K 114 116 CTH K 118 120

EP: 302+00.00

Little Valley

N

PC: 128+99.38

PT: 134+84.87

Sunset

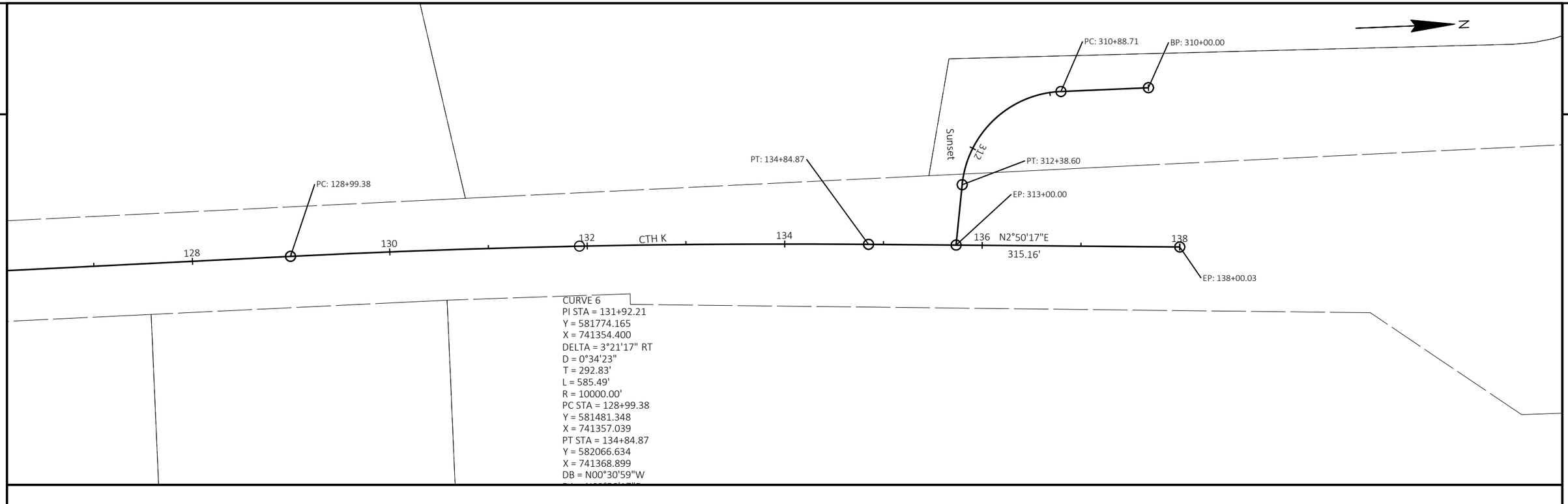
122 N0°30'59"W 1388.92' 124 CTH K 126 128 130 132 CTH K 134

CURVE 6
PI STA = 131+92.21
Y = 581774.165
X = 741354.400
DELTA = 3°21'17" RT
D = 0°34'23"
T = 292.83'
L = 585.49'
R = 10000.00'
PC STA = 128+99.38
Y = 581481.348
X = 741357.039
PT STA = 134+84.87
Y = 582066.634
X = 741368.899
DB = N00°30'59"W
DA = N02°50'17"E

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	ALIGNMENT DETAIL	SHEET 70	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\8800070-PLOT.DWG 10/14/2024 11:37 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 04

WISDOT/CADDS SHEET 44



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	ALIGNMENT DETAIL	SHEET 71	E

Estimate Of Quantities

8800-00-70

Line	Item	Item Description	Unit	Total	Qty
0002	204.0100	Removing Concrete Pavement	SY	324.000	324.000
0004	204.0115	Removing Asphaltic Surface Butt Joints	SY	577.000	577.000
0006	204.0150	Removing Curb & Gutter	LF	3,454.000	3,454.000
0008	204.0155	Removing Concrete Sidewalk	SY	126.000	126.000
0010	204.0220	Removing Inlets	EACH	10.000	10.000
0012	205.0100	Excavation Common	CY	5,215.000	5,215.000
0014	213.0100	Finishing Roadway (project) 01. 8800-00-70	EACH	1.000	1.000
0016	305.0110	Base Aggregate Dense 3/4-Inch	TON	1,726.000	1,726.000
0018	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	6,527.000	6,527.000
0020	325.0100	Pulverize and Relay	SY	35,474.000	35,474.000
0022	374.1020.S	QMP Pulverize and Relay Compaction	SY	35,474.000	35,474.000
0024	455.0605	Tack Coat	GAL	3,363.000	3,363.000
0026	460.5223	HMA Pavement 3 LT 58-28 S	TON	6,627.000	6,627.000
0028	460.5244	HMA Pavement 4 LT 58-34 S	TON	4,639.000	4,639.000
0030	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	76.000	76.000
0032	465.0315	Asphaltic Flumes	SY	32.000	32.000
0034	465.0560	Asphaltic Rumble Strips, Centerline	LF	6,465.000	6,465.000
0036	520.1012	Apron Endwalls for Culvert Pipe 12-Inch	EACH	1.000	1.000
0038	520.8000	Concrete Collars for Pipe	EACH	2.000	2.000
0040	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	4,197.000	4,197.000
0042	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	303.000	303.000
0044	602.0405	Concrete Sidewalk 4-Inch	SF	2,879.000	2,879.000
0046	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	210.000	210.000
0048	602.0810	Concrete Driveway 6-Inch	SY	324.000	324.000
0050	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	174.000	174.000
0052	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	213.000	213.000
0054	611.0624	Inlet Covers Type H	EACH	7.000	7.000
0056	611.0639	Inlet Covers Type H-S	EACH	4.000	4.000
0058	611.3230	Inlets 2x3-FT	EACH	11.000	11.000
0060	611.8110	Adjusting Manhole Covers	EACH	14.000	14.000
0062	611.8120.S	Cover Plates Temporary	EACH	12.000	12.000
0064	612.0902.S	Insulation Board Polystyrene (inch) 01. 2-Inch	SY	16.000	16.000
0066	618.0100	Maintenance and Repair of Haul Roads (project) 01. 8800-00-70	EACH	1.000	1.000
0068	619.1000	Mobilization	EACH	1.000	1.000
0070	624.0100	Water	MGAL	122.000	122.000
0072	625.0100	Topsoil	SY	2,265.000	2,265.000
0074	628.1504	Silt Fence	LF	70.000	70.000
0076	628.1520	Silt Fence Maintenance	LF	70.000	70.000
0078	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0080	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000
0082	628.2006	Erosion Mat Urban Class I Type A	SY	2,265.000	2,265.000
0084	628.7015	Inlet Protection Type C	EACH	18.000	18.000
0086	628.7555	Culvert Pipe Checks	EACH	1.000	1.000
0088	629.0210	Fertilizer Type B	CWT	1.400	1.400
0090	630.0140	Seeding Mixture No. 40	LB	102.000	102.000
0092	630.0500	Seed Water	MGAL	25.000	25.000
0094	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	53.000	53.000
0096	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	25.000	25.000
0098	637.2210	Signs Type II Reflective H	SF	455.700	455.700

8800-00-70

Line	Item	Item Description	Unit	Total	Qty
0100	637.2230	Signs Type II Reflective F	SF	115.500	115.500
0102	638.2602	Removing Signs Type II	EACH	108.000	108.000
0104	638.3000	Removing Small Sign Supports	EACH	71.000	71.000
0106	642.5001	Field Office Type B	EACH	1.000	1.000
0108	643.0300	Traffic Control Drums	DAY	3,000.000	3,000.000
0110	643.0420	Traffic Control Barricades Type III	DAY	1,764.000	1,764.000
0112	643.0705	Traffic Control Warning Lights Type A	DAY	3,528.000	3,528.000
0114	643.0900	Traffic Control Signs	DAY	4,880.000	4,880.000
0116	643.1000	Traffic Control Signs Fixed Message	SF	96.000	96.000
0118	643.5000	Traffic Control	EACH	1.000	1.000
0120	644.1440	Temporary Pedestrian Surface Matting	SF	2,276.000	2,276.000
0122	644.1601	Temporary Pedestrian Curb Ramp	DAY	600.000	600.000
0124	644.1605	Temporary Pedestrian Detectable Warning Field	SF	96.000	96.000
0126	644.1810	Temporary Pedestrian Barricade	LF	475.000	475.000
0128	645.0140	Geotextile Type SAS	SY	12,238.000	12,238.000
0130	646.1020	Marking Line Epoxy 4-Inch	LF	9,058.000	9,058.000
0132	646.2020	Marking Line Epoxy 6-Inch	LF	34,164.000	34,164.000
0134	646.3020	Marking Line Epoxy 8-Inch	LF	36.000	36.000
0136	646.4020	Marking Line Epoxy 10-Inch	LF	428.000	428.000
0138	646.5020	Marking Arrow Epoxy	EACH	6.000	6.000
0140	646.5120	Marking Word Epoxy	EACH	10.000	10.000
0142	646.6120	Marking Stop Line Epoxy 18-Inch	LF	371.000	371.000
0144	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	425.000	425.000
0146	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	96.000	96.000
0148	690.0150	Sawing Asphalt	LF	889.000	889.000
0150	690.0250	Sawing Concrete	LF	422.000	422.000
0152	740.0440	Incentive IRI Ride	DOL	9,547.000	9,547.000
0154	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	800.000	800.000
0156	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	600.000	600.000
0158	SPV.0060	Special 01. Manhole Core With Concrete Replacement	EACH	12.000	12.000

Estimate Of Quantities

8800-00-70

Line	Item	Item Description	Unit	Total	Qty
0002	204.0100	Removing Concrete Pavement	SY	324.000	324.000
0004	204.0115	Removing Asphaltic Surface Butt Joints	SY	577.000	577.000
0006	204.0150	Removing Curb & Gutter	LF	3,454.000	3,454.000
0008	204.0155	Removing Concrete Sidewalk	SY	126.000	126.000
0010	204.0220	Removing Inlets	EACH	10.000	10.000
0012	205.0100	Excavation Common	CY	5,215.000	5,215.000
0014	213.0100	Finishing Roadway (project) 01. 8800-00-70	EACH	1.000	1.000
0016	305.0110	Base Aggregate Dense 3/4-Inch	TON	1,726.000	1,726.000
0018	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	6,527.000	6,527.000
0020	325.0100	Pulverize and Relay	SY	35,474.000	35,474.000
0022	374.1020.S	QMP Pulverize and Relay Compaction	SY	35,474.000	35,474.000
0024	455.0605	Tack Coat	GAL	3,363.000	3,363.000
0026	460.5223	HMA Pavement 3 LT 58-28 S	TON	6,627.000	6,627.000
0028	460.5244	HMA Pavement 4 LT 58-34 S	TON	4,639.000	4,639.000
0030	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	76.000	76.000
0032	465.0315	Asphaltic Flumes	SY	32.000	32.000
0034	465.0560	Asphaltic Rumble Strips, Centerline	LF	6,465.000	6,465.000
0036	520.1012	Apron Endwalls for Culvert Pipe 12-Inch	EACH	1.000	1.000
0038	520.8000	Concrete Collars for Pipe	EACH	2.000	2.000
0040	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	4,197.000	4,197.000
0042	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	303.000	303.000
0044	602.0405	Concrete Sidewalk 4-Inch	SF	2,879.000	2,879.000
0046	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	210.000	210.000
0048	602.0810	Concrete Driveway 6-Inch	SY	324.000	324.000
0050	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	174.000	174.000
0052	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	213.000	213.000
0054	611.0624	Inlet Covers Type H	EACH	7.000	7.000
0056	611.0639	Inlet Covers Type H-S	EACH	4.000	4.000
0058	611.3230	Inlets 2x3-FT	EACH	11.000	11.000
0060	611.8110	Adjusting Manhole Covers	EACH	14.000	14.000
0062	611.8120.S	Cover Plates Temporary	EACH	12.000	12.000
0064	612.0902.S	Insulation Board Polystyrene (inch) 01. 2-Inch	SY	16.000	16.000
0066	618.0100	Maintenance and Repair of Haul Roads (project) 01. 8800-00-70	EACH	1.000	1.000
0068	619.1000	Mobilization	EACH	1.000	1.000
0070	624.0100	Water	MGAL	122.000	122.000
0072	625.0100	Topsoil	SY	2,265.000	2,265.000
0074	628.1504	Silt Fence	LF	70.000	70.000
0076	628.1520	Silt Fence Maintenance	LF	70.000	70.000
0078	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0080	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000
0082	628.2006	Erosion Mat Urban Class I Type A	SY	2,265.000	2,265.000
0084	628.7015	Inlet Protection Type C	EACH	18.000	18.000
0086	628.7555	Culvert Pipe Checks	EACH	1.000	1.000
0088	629.0210	Fertilizer Type B	CWT	1.400	1.400
0090	630.0140	Seeding Mixture No. 40	LB	102.000	102.000
0092	630.0500	Seed Water	MGAL	25.000	25.000
0094	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	53.000	53.000
0096	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	25.000	25.000
0098	637.2210	Signs Type II Reflective H	SF	455.700	455.700

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Line	Item	Item Description	Unit	Total	Qty
0100	637.2230	Signs Type II Reflective F	SF	115.500	115.500
0102	638.2602	Removing Signs Type II	EACH	108.000	108.000
0104	638.3000	Removing Small Sign Supports	EACH	71.000	71.000
0106	642.5001	Field Office Type B	EACH	1.000	1.000
0108	643.0300	Traffic Control Drums	DAY	3,000.000	3,000.000
0110	643.0420	Traffic Control Barricades Type III	DAY	1,764.000	1,764.000
0112	643.0705	Traffic Control Warning Lights Type A	DAY	3,528.000	3,528.000
0114	643.0900	Traffic Control Signs	DAY	4,880.000	4,880.000
0116	643.1000	Traffic Control Signs Fixed Message	SF	96.000	96.000
0118	643.5000	Traffic Control	EACH	1.000	1.000
0120	644.1440	Temporary Pedestrian Surface Matting	SF	2,276.000	2,276.000
0122	644.1601	Temporary Pedestrian Curb Ramp	DAY	600.000	600.000
0124	644.1605	Temporary Pedestrian Detectable Warning Field	SF	96.000	96.000
0126	644.1810	Temporary Pedestrian Barricade	LF	475.000	475.000
0128	645.0140	Geotextile Type SAS	SY	12,238.000	12,238.000
0130	646.1020	Marking Line Epoxy 4-Inch	LF	9,058.000	9,058.000
0132	646.2020	Marking Line Epoxy 6-Inch	LF	34,164.000	34,164.000
0134	646.3020	Marking Line Epoxy 8-Inch	LF	36.000	36.000
0136	646.4020	Marking Line Epoxy 10-Inch	LF	428.000	428.000
0138	646.5020	Marking Arrow Epoxy	EACH	6.000	6.000
0140	646.5120	Marking Word Epoxy	EACH	10.000	10.000
0142	646.6120	Marking Stop Line Epoxy 18-Inch	LF	371.000	371.000
0144	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	425.000	425.000
0146	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	96.000	96.000
0148	690.0150	Sawing Asphalt	LF	889.000	889.000
0150	690.0250	Sawing Concrete	LF	422.000	422.000
0152	740.0440	Incentive IRI Ride	DOL	9,547.000	9,547.000
0154	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	800.000	800.000
0156	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	600.000	600.000
0158	SPV.0060	Special 01. Manhole Core With Concrete Replacement	EACH	12.000	12.000

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REMOVALS

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	204.0220 REMOVING INLETS EACH	REMARKS
0010	10+39	-	15+00	CTH K	40	378	-	2	
0010	15+00	-	20+00	CTH K	40	431	-	-	
0010	20+00	-	25+00	CTH K	128	446	-	3	
0010	25+00	-	30+00	CTH K	29	441	-	4	
0010	30+00	-	35+00	CTH K	43	500	-	1	
0010	35+00	-	39+00	CTH K	35	380	-	-	
0010	152+25	-	152.92.51	N SUMMIT ST (S)	9	192	-	-	
0010	160+13.5	-	160+66.87	CEDAR ST	-	25	7	-	
0010	170+25	-	171+33.94	RUSK ST	-	81	61	-	
0010	180+13.5		181+00	N SUMMIT ST (N)	-	100	-	-	
0010	190+13.5	-	190+75	HAZEL ST	-	-	-	-	
0010	200+63.51	-	200+86.49	SMITH ST	-	43	24	-	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	-	51	3	-	
0010	230+65	-	230+86.5	SPRUCE ST (N)	-	59	31	-	
0010	240+13.5	-	240+65	BALSAM ST	-	-	-	-	
0010	250+13.5	-	250+55.41	POPLAR ST	-	-	-	-	
0010	270+15.01	-	270+46.4	DIVISION ST	-	24	-	-	
0010	290+50	-	291+26.06	CTH A	-	148	-	-	
0010	291+74.99	-	292+50	CTH A	-	155	-	-	
				TOTAL 0010	324	3,454	126	10	

BUTT JOINTS

CATEGORY	STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	REMARKS
0010	39+00	CTH K	167	
0010	136+40.47	CTH K	167	
0010	285+40	SCHOOL ENTRANCE (N)	54	
0010	290+50	CTH A	59	
0010	292+50	CTH A	52	
0010	300+15	LITTLE VALLEY RD	26	
0010	301+75	LITTLE VALLEY RD	26	
0010	312+38	SUNSET LN	28	
		TOTAL 0010	577	

EXCAVATION

CATEGORY	STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON CY	REMARKS
0010	10+39	-	39+00	CTH K	4,193	
0010	152+25	-	152.92.5	N SUMMIT ST (S)	200	
0010	160+13.5	-	160+66.8	CEDAR ST	100	
0010	170+50	-	170+75	RUSK ST	32	
0010	180+13.5	-	181+00	N SUMMIT ST (N)	86	
0010	190+13.5	-	190+75	HAZEL ST	89	
0010	200+63.5	-	200+86.5	SMITH ST	43	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	190	
0010	230+65	-	230+86.5	SPRUCE ST (N)	32	
0010	240+13.5	-	240+65	BALSAM ST	86	
0010	250+13.5	-	250+55.4	POPLAR ST	89	
0010	270+15	-	270+46.4	DIVISION ST	75	
				TOTAL 0010	5,215	

MISCELLANEOUS

CATEGORY	STATION	TO	STATION	LOCATION	619.1000 MOBILIZATION EACH	642.5001 FIELD OFFICE TYPE B EACH	213.0100.01 FINISHING ROADWAY (PROJECT) (01. 8800-00-70) EACH	REMARKS
0010	10+39	-	136+40.39	PROJECT	1	1	1	
				TOTAL 0010	1	1	1	

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AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	624.0100 WATER MGAL	REMARKS
0010	10+39	-	15+00	CTH K	-	1,046	16	
0010	15+00	-	20+00	CTH K	-	782	12	
0010	20+00	-	25+00	CTH K	-	853	13	
0010	25+00	-	30+00	CTH K	-	763	11	
0010	30+00	-	35+00	CTH K	-	809	12	
0010	35+00	-	39+00	CTH K	-	688	10	
0010	152+25	-	152.92.51	N SUMMIT ST (S)	-	195	3	
0010	160+13.5	-	160+66.87	CEDAR ST	-	125	2	
0010	170+45	-	170+83.73	RUSK ST	-	178	3	
0010	180+13.5		181+00	N SUMMIT ST (N)	-	163	2	
0010	190+13.5	-	190+75	HAZEL ST	-	145	2	
0010	200+63.51	-	200+86.49	SMITH ST	-	50	1	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	-	251	4	
0010	230+65	-	230+86.5	SPRUCE ST (N)	-	41	1	
0010	240+13.5	-	240+65	BALSAM ST	-	97	1	
0010	250+13.5	-	250+55.41	POPLAR ST	-	97	1	
0010	270+15.01	-	270+46.4	DIVISION ST	-	92	1	
0010	10+39	-	39+00	CTH K	-	107		SIDEWALK & CURB RAMPS
0010	290+50	-	291+26.06	CTH A	-	22	0	CURB AND GUTTER
0010	291+75	-	292+50	CTH A	-	23	0	CURB AND GUTTER
0010	39+00	-	136+40.47	CTH K	1,533	-	23	SHOULDERS
0010	39+00	-	136+40.39	CTH K	193	-	3	DRIVEWAYS
				TOTAL 0010	1,726	6,527	122	

GEOTEXTILE

CATEGORY	STATION	TO	STATION	LOCATION	645.0140 GEOTEXTILE TYPE SAS SY	REMARKS
0010	10+39	-	15+00	CTH K	2,183	
0010	15+00	-	20+00	CTH K	1,564	
0010	20+00	-	25+00	CTH K	1,500	
0010	25+00	-	30+00	CTH K	1,500	
0010	30+00	-	35+00	CTH K	1,500	
0010	35+00	-	39+00	CTH K	1,250	
0010	152+25	-	152.92.51	N SUMMIT ST (S)	374	
0010	160+13.5	-	160+66.87	CEDAR ST	235	
0010	170+45	-	170+83.73	RUSK ST	369	
0010	180+13.5		181+00	N SUMMIT ST (N)	294	
0010	190+13.5	-	190+75	HAZEL ST	280	
0010	200+63.51	-	200+86.49	SMITH ST	91	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	493	
0010	230+65	-	230+86.5	SPRUCE ST (N)	72	
0010	240+13.5	-	240+65	BALSAM ST	178	
0010	250+13.5	-	250+55.41	POPLAR ST	178	
0010	270+15.01	-	270+46.4	DIVISION ST	176	
				TOTAL 0010	12,238	

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					HMA				
					455.0605	460.5223	460.5244	465.0120	
						HMA PAVEMENT	HMA PAVEMENT	ASPHALTIC SURFACE DRIVEWAYS AND FIELD	
CATEGORY	STATION	TO	STATION	LOCATION	TACK COAT GAL	3 LT 58-28 S TON	4 LT 58-34 S TON	ENTRANCES TON	REMARKS
0010	10+39	-	15+00	CTH K	153	303	212	-	
0010	15+00	-	20+00	CTH K	109	217	152	-	
0010	20+00	-	25+00	CTH K	109	208	146	14	
0010	25+00	-	30+00	CTH K	107	208	146	8	
0010	30+00	-	35+00	CTH K	112	208	146	24	
0010	35+00	-	39+00	CTH K	96	174	122	29	
0010	152+25	-	152.92.51	N SUMMIT ST (S)	26	52	36	-	
0010	160+13.5	-	160+66.87	CEDAR ST	16	33	23	-	
0010	170+45	-	170+83.73	RUSK ST	26	51	36	-	
0010	180+13.5		181+00	N SUMMIT ST (N)	21	41	29	-	
0010	190+13.5	-	190+75	HAZEL ST	20	39	27	-	
0010	200+63.51	-	200+86.49	SMITH ST	6	13	9	-	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	35	68	48	-	
0010	230+65	-	230+86.5	SPRUCE ST (N)	5	10	7	-	
0010	240+13.5	-	240+65	BALSAM ST	12	25	17	-	
0010	250+13.5	-	250+55.41	POPLAR ST	12	25	17	-	
0010	270+15.01	-	270+46.4	DIVISION ST	12	24	17	-	
0010	39+00	-	50+00	CTH K	283	561	392	-	
0010	50+00	-	60+00	CTH K	233	463	324	-	
0010	60+00	-	70+00	CTH K	292	580	406	-	
0010	70+00	-	80+00	CTH K	233	463	324	-	
0010	80+00	-	90+00	CTH K	233	463	324	-	
0010	90+00	-	100+00	CTH K	233	463	324	-	
0010	100+00	-	110+00	CTH K	233	463	324	-	
0010	110+00	-	120+00	CTH K	233	463	324	-	
0010	120+00	-	130+00	CTH K	233	463	324	-	
0010	130+00	-	136+40.39	CTH K	149	296	208	-	
0010	285+40	-	286+34.94	SCHOOL ENTRANCE (N)	18	35	25	-	
0010	290+50	-	291+26.06	CTH A	27	54	38	-	
0010	291+74.99	-	292+50	CTH A	26	52	36	-	
0010	300+15	-	300+85	LITTLE VALLEY RD	21	41	29	-	
0010	301+15	-	301+75	LITTLE VALLEY RD	19	38	26	-	
0010	312+38	-	312+85	SUNSET LN	15	30	21	-	
				TOTAL 0010	3,363	6,627	4,639	76	

FLUMES

CATEGORY	STATION	LOCATION	465.0315 ASPHALTIC FLUMES SY	REMARKS
0010	160+66.87	CEDAR ST	3	
0010	181+00	N SUMMIT ST (N)	5	
0010	190+75	HAZEL ST	7	
0010	240+65	BALSAM ST	7	
0010	250+55.41	POPLAR ST	7	
0010	270+46.4	DIVISION ST	3	
		TOTAL 0010	32	

RUMBLE STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	465.0560 ASPHALTIC RUMBLE STRIPS, CENTERLINE LF	REMARKS
0010	71+75	-	136+40	CTH K	6,465	
				TOTAL 0010	6,465	

PULVERIZE AND RELAY

CATEGORY	STATION	TO	STATION	LOCATION	325.0100 PULVERIZE AND RELAY SY	REMARKS
0010	39+00	-	50+00	CTH K	4,037	
0010	50+00	-	60+00	CTH K	3,333	
0010	60+00	-	70+00	CTH K	4,173	
0010	70+00	-	80+00	CTH K	3,333	
0010	80+00	-	90+00	CTH K	3,333	
0010	90+00	-	100+00	CTH K	3,333	
0010	100+00	-	110+00	CTH K	3,333	
0010	110+00	-	120+00	CTH K	3,333	
0010	120+00	-	130+00	CTH K	3,333	
0010	130+00	-	136+40.39	CTH K	2,135	
0010	285+40	-	286+34.94	SCHOOL ENTRANCE (N)	255	
0010	290+50	-	291+26.06	CTH A	386	
0010	291+74.99	-	292+50	CTH A	371	
0010	300+15	-	300+85	LITTLE VALLEY RD	298	
0010	301+15	-	301+75	LITTLE VALLEY RD	273	
0010	312+38	-	312+85	SUNSET LN	215	
				TOTAL 0010	35,474	

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STORM

CATEGORY	STATION	O/S	SIDE	LOCATION	520.1012 APRON ENDWALLS EOR CULVERT PIPE 12-INCH EACH	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LE	611.0624 INLET COVERS TYPE H EACH	611.0639 INLET COVERS TYPE H-S EACH	611.3230 INLETS 2X3-ET EACH	612.0902.S.01 INSULATION BOARD POLYSTYRENE (INCH) (01. TBD) SY	REMARKS
0010	10+56	20.5	LT	CTH K	-	1	6	-	1	-	1	-	PROP INL 9
0010	11+81	23.5	LT	CTH K	-	1	39	-	-	1	1	4	PROP INL 10
0010	22+25	15.0	RT	CTH K	-	-	30	-	-	1	1	4	PROP INL 22A
0010	22+25	15.0	LT	CTH K	-	-	-	60	-	1	1	-	PROP INL 22A
0010	22+85	15.0	LT	CTH K	-	-	-	153	1	-	1	4	PROP INL 23
0010	24+37	54.8	RT	SPRUCE/HIGH ST	-	-	15	-	-	1	1	4	PROP INL 21
0010	25+23	31.6	LT	SPRUCE STREET	-	-	20	-	1	-	1	-	PROP INL 26
0010	25+56	36.3	LT	SPRUCE STREET	1	-	8	-	-	-	-	-	PROP EW 25A
0010	25+50	31.5	LT	SPRUCE STREET	-	-	7	-	1	-	1	-	PROP INL 25
0010	25+68	15.0	LT	CTH K	-	-	28	-	1	-	1	-	PROP INL 27
0010	28+73	15.0	LT	CTH K	-	-	11	-	1	-	1	-	PROP INL 28
0010	31+01	15.0	LT	CTH K	-	-	10	-	1	-	1	-	PROP INL 13
				TOTAL 0010	1	2	174	213	7	4	11	16	

CONCRETE ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF	602.0405 CONCRETE SIDEWALK 4-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0810 CONCRETE DRIVEWAY 6-INCH SY	REMARKS
0010	10+39	-	15+00	CTH K	354	-	-	-	40	
0010	15+00	-	20+00	CTH K	444	-	-	-	40	
0010	20+00	-	25+00	CTH K	669	-	-	-	128	
0010	25+00	-	30+00	CTH K	434	-	-	-	29	
0010	30+00	-	35+00	CTH K	500	-	-	-	43	
0010	35+00	-	39+00	CTH K	400	-	-	-	35	
0010	152+25	-	152.92.51	N SUMMIT ST (S)	162	-	-	-	9	
0010	160+13.5	-	160+66.87	CEDAR ST	134	-	-	-	-	
0010	170+45	-	170+83.73	RUSK ST	90	-	378	30	-	
0010	180+13.5		181+00	N SUMMIT ST (N)	218	-	551	30	-	
0010	190+13.5	-	190+75	HAZEL ST	136	-	-	-	-	
0010	200+63.50	-	200+86.50	SMITH ST	63	-	222	20	-	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	206	-	723	40	-	
0010	230+65	-	230+86.5	SPRUCE ST (N)	57	-	319	20	-	
0010	240+13.5	-	240+65	BALSAM ST	119	-	-	-	-	
0010	250+13.5	-	250+55.41	POPLAR ST	121	-	342	30	-	
0010	270+15	-	270+46.4	DIVISION ST	90	-	344	40	-	
0010	290+50	-	291+26.06	CTH A	-	148	-	-	-	
0010	291+75	-	292+50	CTH A	-	155	-	-	-	
				TOTAL 0010	4,197	303	2,879	210	324	

HAUL ROADS

CATEGORY	STATION	TO	STATION	LOCATION	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) (01. 8800-00-70) EACH	REMARKS
0020	10+39	-	136+40.39	PROJECT	1	
				TOTAL 0020	1	

RESTORATION

CATEGORY	STATION	TO	STATION	LOCATION	625.0100 TOPSOIL SY	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB	630.0500 SEED WATER MGAL	REMARKS
0010	10+39	-	15+00	CTH K	154	154	0.1	7	2	
0010	15+00	-	20+00	CTH K	140	140	0.1	6	2	
0010	20+00	-	25+00	CTH K	176	176	0.1	8	2	
0010	25+00	-	30+00	CTH K	211	211	0.1	9	2	
0010	30+00	-	35+00	CTH K	243	243	0.2	11	3	
0010	35+00	-	39+00	CTH K	153	153	0.1	7	2	
0010	152+25	-	152.92.51	N SUMMIT ST (S)	140	140	0.1	6	2	
0010	160+13.5	-	160+66.87	CEDAR ST	111	111	0.1	5	1	
0010	170+25	-	171+33.94	RUSK ST	49	49	0.0	2	1	
0010	180+13.5		181+00	N SUMMIT ST (N)	189	189	0.1	8	2	
0010	190+13.5	-	190+75	HAZEL ST	37	37	0.0	2	0	
0010	200+63.51	-	200+86.49	SMITH ST	47	47	0.0	2	1	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	411	411	0.3	19	5	
0010	230+65	-	230+86.5	SPRUCE ST (N)	41	41	0.0	2	0	
0010	240+13.5	-	240+65	BALSAM ST	42	42	0.0	2	0	
0010	250+13.5	-	250+55.41	POPLAR ST	61	61	0.0	3	1	
0010	270+15.01	-	270+46.4	DIVISION ST	26	26	0.0	1	0	
0010	10+39	-	39+00	CTH K	35	35	0.0	2	0	TEMP PEDESTRIAN CURB RAMPS
				TOTAL 0010	2,265	2,265	1.4	102	25	

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	628.7015 INLET PROTECTION TYPE C EACH	628.7555 CULVERT PIPE CHECKS EACH	REMARKS
0010	10+39	-	15+00	CTH K	-	-	1	1	7	-	
0010	15+00	-	20+00	CTH K	-	-	-	-	-	-	
0010	20+00	-	25+00	CTH K	70	70	-	-	3	-	
0010	25+00	-	30+00	CTH K	-	-	-	-	3	1	
0010	30+00	-	35+00	CTH K	-	-	-	-	1	-	
0010	35+00	-	39+00	CTH K	-	-	-	-	-	-	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	-	-	-	-	1	-	
0010	230+65	-	230+86.5	SPRUCE ST (N)	-	-	-	-	3	-	
				TOTAL 0010	70	70	1	1	18	1	

TYPE II SIGNING (SHEET 1 OF 3)

CATEGORY	SIGN NO.	STA	O/S	SIDE	SIGN CODE	W X H	LOCATION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-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	REMARKS
0010	1	11+78	27	LT	M1-5A	24X24	CTH K	1	-	4.0	-	1	1	CTH K
0010	1	11+78	27	LT	M7-1	12X9	CTH K	-	-	0.8	-	1	-	LEET ARROW
0010	2	13+69	42	LT	R1-1	30X30	N SUMMIT ST (S)	1	-	6.3	-	1	1	STOP
0010	3	15+68	35	RT	R1-1	30X30	CEDAR ST	1	-	6.3	-	1	1	STOP
0010	4	16+26	50	LT	R1-1	30X30	RUSK ST	1	-	6.3	-	1	1	STOP
0010	5	16+69	38	RT	R1-1	30X30	N SUMMIT ST (N)	1	-	6.3	-	1	1	STOP
0010	6	16+94	17	RT	M1-5A	24X24	CTH K	1	-	4.0	-	1	1	CTH K
0010	6	16+94	17	RT	R2-1	24X30	CTH K	-	-	5.0	-	1	-	SPEED LIMIT 25
0010	7	18+84	18	LT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 25
0010	8	20+11	35	RT	R1-1	30X30	HAZEL ST	1	-	6.3	-	1	1	STOP
0010	9	20+97	37	LT	R1-1	30X30	SMITH ST	1	-	6.3	-	1	1	STOP
0010	10	24+48	59	RT	R1-1	30X30	SPRUCE & HIGH ST	1	-	6.3	-	1	1	STOP
0010	11	24+33	34	RT	R1-1	30X30	SPRUCE & HIGH ST	1	-	6.3	-	1	1	STOP
0010	12	25+20	38	LT	R1-1	30X30	SPRUCE ST (N)	1	-	6.3	-	1	1	STOP
0010	13	26+64	16	RT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 25
0010	14	26+65	18	LT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 25
0010	15	28+81	31	RT	R1-1	30X30	BALSAM ST	1	-	6.3	-	1	1	STOP
0010	16	29+05	16	RT	S1-1	36X36	CTH K	1	-	-	9.0	1	1	PED CROSSING
0010	17	31+87	18	LT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 25
0010	18	32+10	16	RT	S4-51	24X48	CTH K	1	-	8.0	-	1	1	SPEED LIMIT 25 (SCHOOL)
0010	19	32+66	16	RT	S1-1	36X36	CTH K	1	-	-	9.0	1	1	PED CROSSING
0010	20	33+18	31	RT	R1-1	30X30	POPLAR ST	1	-	6.3	-	1	1	STOP
0010	21	33+26	18	LT	S1-1	36X36	CTH K	-	1	-	9.0	1	1	PED CROSSING
0010	21	33+26	18	LT	S16-7L	24X12	CTH K	-	-	-	1.0	1	-	ARROW
0010	22	35+33	16	RT	S4-51	24X48	CTH K	1	-	8.0	-	1	1	SPEED LIMIT 25 (SCHOOL)
0010	23	35+43	25	LT	S4-51	24X48	CTH K	1	-	8.0	-	1	1	SPEED LIMIT 25 (SCHOOL)
0010	24	37+94	17	RT	S1-1	36X36	CTH K	-	1	-	9.0	1	1	PED CROSSING
0010	24	37+94	17	RT	S16-7L	24X12	CTH K	-	-	-	1.0	1	-	ARROW
0010	25	38+05	32	LT	S1-1	36X36	CTH K	-	1	-	9.0	1	1	PED CROSSING
0010	25	38+05	32	LT	S16-7L	24X12	CTH K	-	-	-	1.0	1	-	ARROW
0010	26	38+74	32	LT	R5-1	30X30	CTH K	1	-	6.3	-	1	1	DO NOT ENTER
0010	27	38+83	24	RT	R1-1	30X30	DIVISION ST	1	-	6.3	-	1	1	STOP
0010	28	39+62	33	LT	R6-2L	30X30	CTH K	-	1	6.3	-	1	1	ONE WAY
0010	28	39+62	33	LT	R6-2R	30X30	CTH K	-	-	6.3	-	1	-	ONE WAY
0010	29	42+07	17	RT	S4-51	24X48	CTH K	1	-	8.0	-	1	1	SPEED LIMIT 25 (SCHOOL)
0010	30	42+16	17	LT	S1-1	36X36	CTH K	-	1	-	9.0	1	1	PED CROSSING
0010	30	42+16	17	LT	R3-55R	24X30	CTH K	-	-	5.0	-	-	-	RIGHT TURN LANE
0010	31	42+76	27	LT	R1-1	30X30	CTH K	1	-	6.3	-	1	1	STOP
0010	32	46+19	17	RT	I55-56	30X18	CTH K	-	1	3.8	-	1	1	ADOPT A HIGHWAY
0010	32	46+19	17	RT	I55-56P	30X18	CTH K	-	-	3.8	-	1	-	SPONSOR
0010	33	46+84	17	LT	S4-51	24X48	CTH K	1	-	8.0	-	1	1	SPEED LIMIT 25 (SCHOOL)
0010	34	47+28	46	LT	R1-1	30X30	CTH K	1	-	6.3	-	1	1	STOP
0010	35	49+68	17	LT	S4-51	24X48	CTH K	1	-	8.0	-	1	1	SPEED LIMIT 25 (SCHOOL)
0010	36	49+68	20	LT	S1-1	36X36	CTH K	-	1	-	9.0	1	1	PED CROSSING
0010	36	49+68	20	LT	S16-7L	24X12	CTH K	-	-	-	1.0	1	-	ARROW
0010	37	52+31	17	LT	R2-1	24X30	CTH K	-	1	5.0	-	1	1	SPEED LIMIT 25
0010	37	52+31	17	LT	D11-10A	36X36	CTH K	-	-	9.0	-	1	-	ATV
0010	37	52+31	17	LT	D11-10S	24X18	CTH K	-	-	3.0	-	1	-	ATV SPECIAL
							SUBTOTAL	29	8	217.5	67.0	47	37	

TYPE II SIGNING (SHEET 2 OF 3)

CATEGORY	SIGN NO.	STA	O/S	SIDE	SIGN CODE	W X H	LOCATION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-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	REMARKS
0010	38	52+32	17	RT	R2-1	24X30	CTH K	1	1	5.0	-	1	1	SPEED LIMIT 25
0010	38	52+32	17	RT	D11-10	24X18	CTH K	-	-	3.0	-	1	-	ATV
0010	38	52+32	17	RT	R3-9D	24X6	CTH K	-	-	1.0	-	1	-	END
0010	39	54+51	17	RT	M2-1	21X15	CTH K	1	1	2.2	-	1	1	JCT
0010	39	54+51	17	RT	M1-5A	24X24	CTH K	-	-	4.0	-	1	-	CTH A
0010	40	58+94	17	LT	W3-5	36X36	CTH K	1	-	-	9.0	1	1	SPEED LIMIT AHEAD
0010	70	58+00	17	RT	R3-6L	42X48	CTH K	1	-	14.0	-	-	-	LT & AHEAD LANE CONTROL SYMBOL
0010	70	58+00	17	RT	R3-5R	42X48	CTH K	1	-	14.0	-	-	-	RT LANE CONTROL SYMBOL
0010	41	60+48	17	RT	D9-2	24X24	CTH K	-	2	4.0		1	2	HOSPITAL
0010	41	60+48	17	RT	M7-1	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	41	60+48	17	RT	M1-5A	24X24	CTH K	-	-	4.0		1	-	CTH K
0010	41	60+48	17	RT	M7-2	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	41	60+48	17	RT	M1-5A	24X24	CTH K	-	-	4.0		1	-	CTH A
0010	41	60+48	17	RT	M7-5	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	42	60+98	17	RT	R3-55R	24X30	CTH K	1	-	5.0	-	-	-	RIGHT TURN LANE
0010	43	64+57	116	LT	D9-2	24X24	CTH K	-	2	4.0		1	2	HOSPITAL
0010	43	64+57	116	LT	M1-5A	24X24	CTH K	-	-	4.0		1	-	CTH K
0010	43	64+57	116	LT	M7-2	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	43	64+57	116	LT	M1-5A	24X24	CTH K	-	-	4.0		1	-	CTH A
0010	43	64+57	116	LT	M7-5	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	44	64+61	54	LT	R1-1	30X30	CTH K	1	-	6.3	-	1	1	STOP
0010	46	65+06	54	RT	R1-1	30X30	CTH K	1	-	6.3	-	1	1	STOP
0010	47	65+09	55	RT	M1-5A	24X24	CTH K	-	2	4.0		1	2	CTH K
0010	47	65+09	55	RT	M7-2	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	47	65+09	55	RT	M1-5A	24X24	CTH K	-	-	4.0		1	-	CTH A
0010	47	65+09	55	RT	M7-5	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	48	68+35	17	LT	R3-55R	24X30	CTH K	1	-	5.0	-	1	1	RIGHT TURN LANE
0010	49	67+51	17	RT	M1-5A	24X24	CTH K	1	-	4.0		1	1	CTH K
0010	50	68+85	17	LT	D9-2	24X24	CTH K	-	2	4.0		1	2	HOSPITAL
0010	50	68+85	17	LT	M7-1	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	50	68+85	17	LT	M1-5A	24X24	CTH K	-	-	4.0		1	-	CTH K
0010	50	68+85	17	LT	M7-2	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	50	68+85	17	LT	M1-5A	24X24	CTH K	-	-	4.0		1	-	CTH A
0010	50	68+85	17	LT	M7-5	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	51	70+19	17	RT	R2-1	24X30	CTH K	1	-	-	9.0	1	1	SPEED LIMIT 45
0010	71	70+50	17	LT	R3-6L	42X48	CTH K	1	-	14.0	-	-	-	LT & AHEAD LANE CONTROL SYMBOL
0010	71	70+50	17	LT	R3-5R	42X48	CTH K	1	-	14.0	-	-	-	RT LANE CONTROL SYMBOL
0010	52	71+52	17	LT	R2-1	24X30	CTH K	1	-	-	9.0	1	1	SPEED LIMIT 45
0010	53	75+60	17	LT	M2-1	21X15	CTH K	-	1	2.2	-	1	1	JCT
0010	53	75+60	17	LT	M1-5A	24X24	CTH K	-	-	4.0	-	1	-	CTH A
0010	54	78+00	17	LT	R1-1	30X30	CTH K	-	1	6.3	-	1	1	STOP
0010	54	78+00	17	LT	R5-51	24X24	CTH K	-	-	4.0	-	1	-	NO ATV
0010	55	78+16	17	RT	R1-1	30X30	CTH K	-	1	6.3	-	1	1	STOP
0010	55	78+16	17	RT	R5-51	24X24	CTH K	-	-	4.0	-	1	-	NO ATV
0010	56	79+07	17	RT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 55
0010	57	79+09	17	LT	W3-5	36X36	CTH K	1	-	-	9.0	1	1	SPEED LIMIT AHEAD
0010	58	80+23	17	LT	W2-1	30X30	CTH K	1	-	-	6.3	1	1	INTERSECTION
0010	59	88+66	17	LT	W11-6	30X30	CTH K	1	-	-	6.3	1	1	SNOWMOBILE CROSSING
0010	60	99+99	17	LT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 55
0010	61	100+00	17	RT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 55
0010	62	117+29	47	LT	R1-1	30X30	CTH K	1	-	6.3	-	1	1	STOP
0010	63	117+64	47	RT	R1-1	30X30	CTH K	1	-	6.3	-	1	1	STOP
							SUBTOTAL	22	13	203.4	48.5	47	28	

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TYPE II SIGNING (SHEET 3 OF 3)

CATEGORY	SIGN NO.	STA	O/S	SIDE	SIGN CODE	W X H	LOCATION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-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	REMARKS
0010	64	119+00	17	LT	R3-9D	24X6	CTH K	-	1	1.0	-	1	1	END
0010	64	119+00	17	LT	D11-10	24X18	CTH K	-	-	3.0	-	1	-	ATV ROUTE
0010	64	119+00	17	LT	M7-5	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	65	119+01	17	RT	R4-55	24X18	CTH K	-	1	3.0	-	1	1	STAY ON PAV
0010	65	119+01	17	RT	R3-9C	24X6	CTH K	-	-	1.0	-	1	-	BEGIN
0010	65	119+01	17	RT	D11-10	24X18	CTH K	-	-	3.0	-	1	-	ATV ROUTE
0010	66	125+13	17	RT	R2-1	24X30	CTH K	1	-	5.0	-	1	1	SPEED LIMIT 55
0010	67	134+57	17	LT	R4-55	24X18	CTH K	-	1	3.0	-	1	1	STAY ON PAV
0010	67	134+57	17	LT	R3-9C	24X6	CTH K	-	-	1.0	-	1	-	BEGIN
0010	67	134+57	17	LT	D11-10	24X18	CTH K	-	-	3.0	-	1	-	ATV ROUTE
0010	68	134+58	17	RT	R3-9D	24X6	CTH K	-	1	1.0	-	1	1	END
0010	68	134+58	17	RT	D11-10	24X18	CTH K	-	-	3.0	-	1	-	ATV ROUTE
0010	68	134+58	17	RT	M7-5	12X9	CTH K	-	-	0.8	-	1	-	ARROW
0010	69	135+48	37	LT	R1-1	30X30	CTH K	1	-	6.3	-	1	1	STOP
							SUBTOTAL	2	4	34.8	0	14	6	
							PROJECT TOTAL	53	25	455.7	115.5	108	71	

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TRAFFIC CONTROL

CATEGORY	STATION	LOCATION	DAYS	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0900 TRAFFIC CONTROL SIGNS DAY	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	643.5000 TRAFFIC CONTROL EACH	REMARKS
0010	11+75	CTH K	80	800	160	320	400	16	1	
0010	42+50	CTH K	50	-	-	-	500	-	-	
0010	136+30	CTH K	50	600	-	-	250	16	-	
0010		PECK ST	80	-	-	-	80	-	-	
0010		N SUMMIT ST (S)	80	-	160	320	240	-	-	
0010		CEDAR ST	80	-	160	320	240	-	-	
0010		RUSK ST	80	-	160	320	240	-	-	
0010		N SUMMIT ST (N)	80	-	160	320	240	-	-	
0010		HAZEL ST	80	-	160	320	240	-	-	
0010		SMITH ST	80	-	160	320	240	-	-	
0010		SPRUCE & HIGH ST	80	-	4	8	480	-	-	
0010		SPRUCE ST (N)	80	-	160	320	240	-	-	
0010		BALSAM ST	80	-	160	320	240	-	-	
0010		POPLAR ST	80	-	160	320	240	-	-	
0010		DIVISION ST	80	-	160	320	160	-	-	
0010		CTH A	50	800	-	-	300	32	-	
0010		LITTLE VALLEY RD	50	800	-	-	100	32	-	
0010		SUNSET LANE	50	-	-	-	50	-	-	
			TOTAL 0010	3,000	1,764	3,528	4,480	96	1	

TC-PEDESTRIAN

CATEGORY	STATION	TO	STATION	LOCATION	DAYS	* 643.0900 TRAFFIC CONTROL SIGNS DAY	644.1440 TEMPORARY PEDESTRIAN SUREACE MATTING SE	644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY	644.1605 TEMPORARY PEDESTRIAN DETECTABLE WARNING EIELD SF	644.1810 TEMPORARY PEDESTRIAN BARRICADE LE	REMARKS
0010	15+37	-	15+70	CTH K	50	50	491	100	16	30	
0010	16+04	-	16+64	CTH K	50	100	335	100	16	95	
0010	20+92	-	21+42	CTH K	50	100	426	100	16	150	
0010	23+30	-	23+32	CTH K	50	-	192	100	16	-	
0010	23+82	-	24+23	CTH K	50	50	281	100	16	25	
0010	25+16	-	25+56	CTH K	50	100	426	100	16	150	
0010	37+80	-	38+10	CTH K	50	-	125	-	-	25	
					TOTAL 0010	400	2,276	600	96	475	

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PAVEMENT MARKING

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF		646.2020 MARKING LINE EPOXY 6-INCH LF		646.3020 MARKING LINE EPOXY 8-INCH LF	646.4020 MARKING LINE EPOXY 10-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.7520 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH LF	REMARKS
					YELLOW	WHITE	YELLOW	WHITE								
0010	10+39	-	15+00	CTH K	400	642	-	-	36	-	-	-	-	-	-	
0010	15+00	-	20+00	CTH K	988	705	-	-	-	-	-	-	-	60	-	
0010	20+00	-	25+00	CTH K	862	835	-	-	-	-	-	-	-	-	-	
0010	25+00	-	30+00	CTH K	750	833	-	-	-	-	-	-	-	54	-	
0010	30+00	-	35+00	CTH K	842	915	-	-	-	-	-	2	-	-	42	
0010	35+00	-	39+00	CTH K	656	630	-	-	-	-	-	2	-	-	54	
0010	152+25	-	152.92.51	N SUMMIT ST (S)	-	-	-	-	-	-	-	-	32	-	-	
0010	160+13.5	-	160+66.87	CEDAR ST	-	-	-	-	-	-	-	-	18	-	-	
0010	170+25	-	171+33.94	RUSK ST	-	-	-	-	-	-	-	-	13	55	-	
0010	180+13.5		181+00	N SUMMIT ST (N)	-	-	-	-	-	-	-	-	18	-	-	
0010	190+13.5	-	190+75	HAZEL ST	-	-	-	-	-	-	-	-	20	-	-	
0010	200+63.51	-	200+86.49	SMITH ST	-	-	-	-	-	-	-	-	14	63	-	
0010	220+13.5	-	221+00	SPRUCE & HIGH ST	-	-	-	-	-	-	-	-	36	139	-	
0010	230+65	-	230+86.5	SPRUCE ST (N)	-	-	-	-	-	-	-	-	12	54	-	
0010	240+13.5	-	240+65	BALSAM ST	-	-	-	-	-	-	-	-	14	-	-	
0010	250+13.5	-	250+55.41	POPLAR ST	-	-	-	-	-	-	-	-	14	-	-	
0010	270+15.01	-	270+46.4	DIVISION ST	-	-	-	-	-	-	-	-	19	-	-	
0010	39+00	-	50+00	CTH K	-	-	2,072	1,964	-	165	2	-	-	-	-	
0010	50+00	-	60+00	CTH K	-	-	2,000	2,000	-	-	-	4	-	-	-	
0010	60+00	-	70+00	CTH K	-	-	2,000	1,752	-	263	4	2	-	-	-	
0010	70+00	-	80+00	CTH K	-	-	1,600	2,000	-	-	-	-	-	-	-	
0010	80+00	-	90+00	CTH K	-	-	1,035	2,000	-	-	-	-	-	-	-	
0010	90+00	-	100+00	CTH K	-	-	1,667	2,000	-	-	-	-	-	-	-	
0010	100+00	-	110+00	CTH K	-	-	2,000	2,000	-	-	-	-	-	-	-	
0010	110+00	-	120+00	CTH K	-	-	2,000	1,754	-	-	-	-	-	-	-	
0010	120+00	-	130+00	CTH K	-	-	733	2,000	-	-	-	-	-	-	-	
0010	130+00	-	136+40.39	CTH K	-	-	947	640	-	-	-	-	-	-	-	
0010	285+40	-	286+34.94	SCH ENTRANCE (N)	-	-	-	-	-	-	-	-	29	-	-	
0010	290+50	-	291+26.06	CTH A	-	-	-	-	-	-	-	-	30	-	-	
0010	291+74.99	-	292+50	CTH A	-	-	-	-	-	-	-	-	30	-	-	
0010	300+15	-	300+85	LITTLE VALLEY RD	-	-	-	-	-	-	-	-	24	-	-	
0010	301+15	-	301+75	LITTLE VALLEY RD	-	-	-	-	-	-	-	-	24	-	-	
0010	312+38	-	312+85	SUNSET LN	-	-			-		-	-	24	-	-	
				TOTAL 0010	9,058		34,164		36	428	6	10	371	425	96	

SAWING

CATEGORY	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
0010	10+39	CTH K	37	3	
0010	11+62	CTH K	37	5	
0010	10+84	CTH K	-	30	DRIVEWAY
0010	11+21	CTH K	-	20	DRIVEWAY
0010	18+35	CTH K	-	19	DRIVEWAY
0010	19+15	CTH K	-	21	DRIVEWAY
0010	20+04	CTH K	-	20	DRIVEWAY
0010	22+22	CTH K	-	15	DRIVEWAY
0010	23+07	CTH K	-	24	DRIVEWAY
0010	23+50	CTH K	-	20	DRIVEWAY
0010	23+90	CTH K	-	16	DRIVEWAY
0010	24+45	CTH K	-	20	DRIVEWAY
0010	28+42	CTH K	-	37	DRIVEWAY
0010	29+83	CTH K	18	-	DRIVEWAY
0010	30+86	CTH K	49	-	DRIVEWAY
0010	31+48	CTH K	-	29	DRIVEWAY
0010	34+17	CTH K	18	-	DRIVEWAY
0010	34+53	CTH K	-	20	DRIVEWAY
0010	35+55	CTH K	-	21	DRIVEWAY
0010	35+67	CTH K	-	15	DRIVEWAY
0010	36+65	CTH K	-	17	DRIVEWAY
0010	37+27	CTH K	-	20	DRIVEWAY
0010	38+50	CTH K	47	-	SCHOOL DRIVEWAY
0010	39+00	CTH K	30	-	
0010	40+50	CTH K	67	-	SCHOOL DRIVEWAY
0010	40+80	CTH K	29	-	DRIVEWAY
0010	43+05	CTH K	52	-	DRIVEWAY
0010	43+77	CTH K	15	-	DRIVEWAY
0010	152+25	N SUMMIT ST (S)	47	15	
0010	160+66.87	CEDAR ST	31	3	
0010	170+45	RUSK ST	25	18	
0010	181+00	N SUMMIT ST (N)	28	5	
0010	190+75	HAZEL ST	39	-	
0010	200+63.51	SMITH ST	28	-	
0010	221+00	SPRUCE & HIGH ST	63	10	
0010	230+65	SPRUCE ST (N)	24	-	
0010	240+65	BALSAM ST	28	-	
0010	250+55.41	POPLAR ST	30	-	
0010	285+40	SCHOOL ENTRANCE (N)	41	-	
0010	290+50	CTH A	30	-	
0010	292+50	CTH A	30	-	
0010	300+15	LITTLE VALLEY RD	23	-	
0010	301+75	LITTLE VALLEY RD	23	-	
		TOTAL 0010	889	422	

3

ADJUSTING MANHOLES

CATEGORY	STATION	O/S	SIDE	DESCRIPTION	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8120.S COVER PLATES TEMPORARY EACH	SPV.0060.01 SPECIAL (01. MANHOLE CORE WITH CONCRETE REPLACEMENT) EACH	REMARKS
0010	24+22	52	RT	STM MH	1	1	1	
0010	24+52	5.2	LT	STM MH	1	1	1	
0010	25+42	4.3	LT	STM MH	1	1	1	
0010	25+42	30.5	LT	STM MH	1	1	1	
0010	28+72	4.4	LT	STM MH	1	1	1	
0010	31+00	4.7	LT	STM MH	1	1	1	
				TOTAL 0010	6	6	6	
0020	15+65	2.8	RT	SAN MH	1	1	1	
0020	18+42	0.6	RT	SAN MH	1	1	1	
0020	19+66	69.3	RT	SAN MH	1	1	1	
0020	21+29	0.1	LT	SAN MH	1	1	1	
0020	24+29	17.5	RT	SAN MH	1	1	1	
0020	25+04	17.9	RT	SAN MH	1	-	-	
0020	33+30	25.4	LT	SAN MH	1	-	-	
0020	38+53	24.5	LT	SAN MH	1	1	1	
				TOTAL 0020	8	6	6	
				PROJECT TOTAL	14	12	12	

REMOVE CONCRETE PAVEMENT (TYP)

621 N RIVER ST
INDIANHEAD OIL CO INC

BEGIN PROJECT
STA 10+39.00
Y=569,672.467
X=741,521.074

BP: 10+00.00

SAWCUT & MATCH EXISTING (TYP)

701 N RIVER ST
CHRISTOPHER S CARROLL
PAULA J CARROLL

PINE ST

PC: 10+93.70

CONCRETE CURB & GUTTER 30-INCH (TYP)

REMOVE CURB & GUTTER

EX R/W

12+00

13+00

CTH K

14+00

RELOCATE LIGHT POLE (BY CITY)

N SUMMIT ST

152+00

PC: 152+51.51

CITY OF SPOONER

REMOVE CURB & GUTTER

BRIGHTSPEED

REMOVE SIDEWALK

WE ENERGIES

PI: 153+00.00

PT: 152+94.97
EP: 153+13.28

15+00

BP: 160+00.00

16+00

MANHOLE CORE WITH CONCRETE REPLACEMENT (SEE DETAILS)

CITY OF SPOONER

PC: 160+21.19

CEDAR ST W

VCL = 380.56
K = 274.93

STA 10+39.00
EL 1087.72

STA 10+93.70
EL 1088.02

STA 12+00.00
EL 1088.67

VPI STA 13+90.28
VPI EL 1089.83

STA 15+80.56
EL 1093.63

0.55%

0.61%

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

10	11	12	13	14	15	16
1087.45	1087.89 / 1087.78	1087.99 / 1088.06	1088.42 / 1088.37	1088.67 / 1088.67	1089.00 / 1089.02	1089.57 / 1089.46
1090.26 / 1090.00	1090.97 / 1090.62	1091.88 / 1091.33	1092.51 / 1092.14	1093.08 / 1093.04	1093.85 / 1094.02	

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 91	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050101-pp
PLOT DATE : 12/12/2024 3:38 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

306 RUSK ST
BRATLEY LAND COMPANY LLC

813 SCRIBNER ST
BRIAN L SMITH
KIMBERLY M SMITH

815 SCRIBNER ST
GRIST MILL PROPERTIES LLC

821 SCRIBNER ST
BRADLEY S PETERSON
CASI L PETERSON

902 SCRIBNER ST
KIM R GUNDERSON
DANIEL GUNDERSON

906 SCRIBNER ST
STEVE R ELFERS
DENISE H ELFERS

813 N SUMMIT ST
BRIAN WERNER
CHERIE WERNER

BRIAN WERNER
CHERIE WERNER

RUSK ST
N SUMMIT ST
W HAZEL ST
SMITH ST

BP: 170+00.00
BP: 180+00.00
EP: 171+00.00
BP: 190+00.00
EP: 201+00.00
PC: 180+28.91
PT: 180+82.60
PC: 190+22.98
PT: 190+58.05
PI: 180+00.00
PI: 200+67.12
EX R/W

LIGHT POLE TO REMAIN
SPECTRUM & SPOONER ELEC
WE ENERGIES
REMOVE CONCRETE (TYP)
CONCRETE DRIVEWAY (TYP)
SAWCUT & MATCH EXISTING (TYP)
REMOVE CURB & GUTTER
CONCRETE CURB & GUTTER 30-INCH (TYP)
SPECTRUM
CITY OF SPOONER
BRIGHTSPEED
CHARTER
MANHOLE CORE WITH CONCRETE REPLACEMENT (SEE DETAILS)
RELOCATE HYDRANT (BY CITY)

CTH K

VCL = 65.50
K = 99.92
STA 17+17.25
EL 1096.36
VPI STA 17+50.00
VPI EL 1097.01
STA 17+82.75
EL 1097.88

VCL = 164.69
K = 49.99
STA 18+69.82
EL 1100.18
VPI STA 19+52.16
VPI EL 1102.37
STA 20+34.51
EL 1101.83

VCL = 430.82
K = 89.95
STA 21+55.38
EL 1101.05

1.99%
2.65%
-0.64%

EXISTING C/L ELEVATION
FINISHED C/L ELEVATION

1093.85	1094.02	1094.85	1095.01	1096.03	1096.01	1097.25	1097.06	1098.51	1098.33	1099.89	1099.66	1101.30	1100.89	1102.11	1101.66	1102.06	1101.94	1101.67	1101.73	1101.24	1101.41	1101.07	1101.09	1100.91	1100.88
16		17			18				19				20				21				22		

PROJECT NO:	8800-00-70
HWY:	CTH K
COUNTY:	WASHBURN
PLAN AND PROFILE:	CTH K
SHEET	92 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050102-pp
PLOT DATE : 12/12/2024 3:38 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

901 SCRIBNER ST
RENATE ANN GALE
DAVID PAUL GALE

1001 SCRIBNER ST
CHRISTOPHER ANDERSON
MARY ANDERSON

SAWCUT & MATCH EXISTING (TYP)

MANHOLE CORE WITH
CONCRETE REPLACEMENT
(SEE DETAILS)

CONCRETE DRIVEWAY (TYP)

REMOVE CONCRETE (TYP)

WE ENERGIES

CITY OF SPOONER

BRIGHTSPEED

CONCRETE CURB & GUTTER
30-INCH (TYP)

REMOVE CURB & GUTTER

SPRUCE ST

CTH K

BP: 230+00.00

PI: 24+52.81

PI: 230+70.00

EP: 231+00.00

BP: 220+00.00

PC: 221+31.59

BP: 210+00.00

PT: 220+80.79

EX R/W

916 HIGH ST
RICK L MCNITT
CAROLYN R MCNITT

922 HIGH ST
RICHARD J RHEA

402 SPRUCE ST
BRUCE G WAMBOLD TRUST
PAMELA E WAMBOLD TRUST

403 BALSAM ST
SUSAN M TEMPLE

CONCRETE CURB & GUTTER
30-INCH (TYP)

REMOVE & REPLACE
CURB & GUTTER

SPECTRUM &
SPOONER ELEC

VCL = 430.82
K = 89.95

VCL = 263.65
K = 249.51

VPI STA 23+70.79
VPI EL 1099.66

STA 25+86.20
EL 1108.59

VPI STA 27+18.03
VPI EL 1114.06

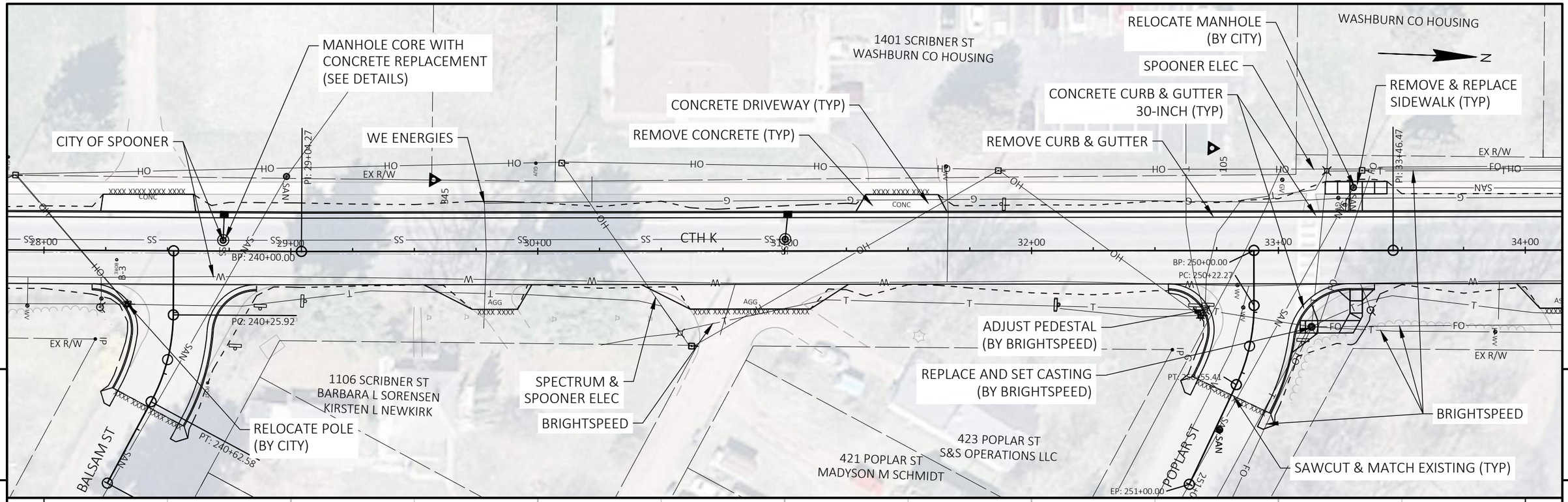
EXISTING C/L
ELEVATION

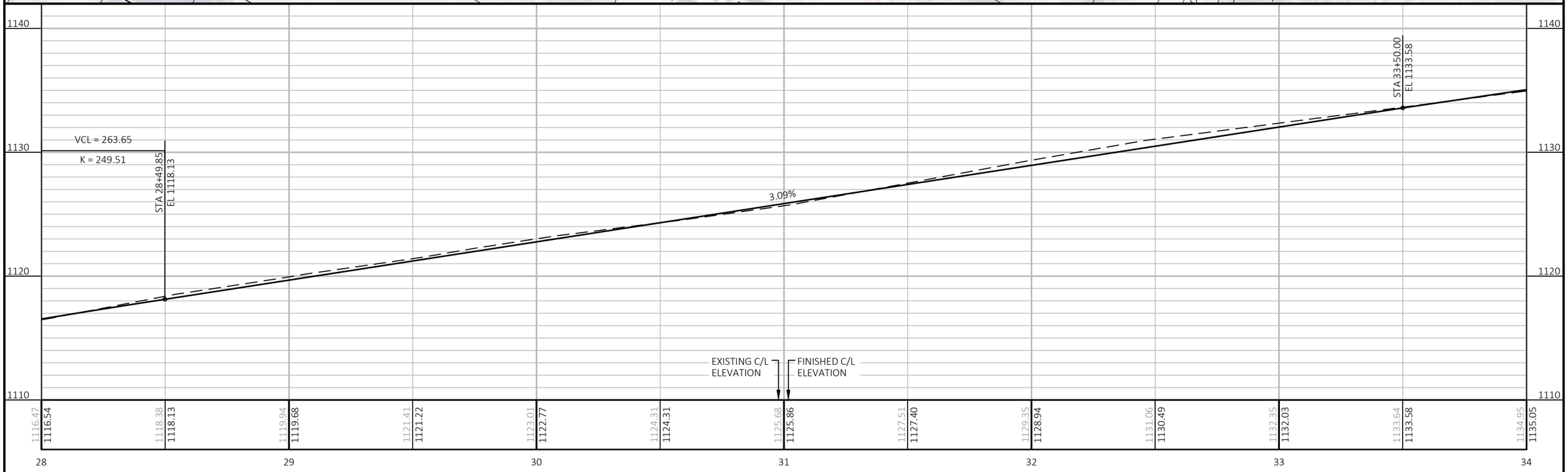
FINISHED C/L
ELEVATION

22	23	24	25	26	27	28
1100.91 / 1100.88	1101.12 / 1100.94	1101.58 / 1101.28	1102.18 / 1101.90	1103.11 / 1102.80	1104.22 / 1103.98	1105.54 / 1105.43
1107.23 / 1107.16	1109.27 / 1109.16	1111.42 / 1111.16	1113.18 / 1113.05	1114.73 / 1114.84	1116.47 / 1116.54	

PROJECT NO: 8800-00-70 | HWY: CTH K | COUNTY: WASHBURN | PLAN AND PROFILE: CTH K | SHEET 93 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050103-pp
PLOT DATE : 12/12/2024 3:38 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 94	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050104-pp
PLOT DATE : 12/12/2024 3:38 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

1523 SCRIBNER ST
ANN BLOMS KORTHOF TRUST

1531 SCRIBNER ST
ANN BLOMS KORTHOF TRUST

1601 SCRIBNER ST
ANN BLOMS KORTHOF TRUST
SCOTT D KORTHOF

ANN BLOMS KORTHOF TRUST
SCOTT D KORTHOF

CONCRETE DRIVEWAY (TYP)

REMOVE CONCRETE (TYP)

CONCRETE CURB & GUTTER
30-INCH (TYP)

CITY OF SPOONER

MANHOLE CORE WITH
CONCRETE REPLACEMENT
(SEE DETAILS)

SECTION CORNER

SAWCUT & MATCH EXISTING (TYP)

SPOONER
ELEMENTARY
SCHOOL
DRIVEWAY

XCEL

WE ENERGIES

PC: 38+39.42

CTH K

34+00 35+00 36+00 37+00 38+00 39+00 40+00

BP: 270+00.00

END RECONSTRUCTION
BEGIN PULVERIZE AND OVERLAY
STA 39+00

SPECTRUM &
BRIGHTSPEED

420 POPLAR ST
BARBARA G LAWTON

1614 SCRIBNER ST
WILLIAM D SCHROEDER
ANN L SCHROEDER

CONCRETE SIDEWALK (TYP)

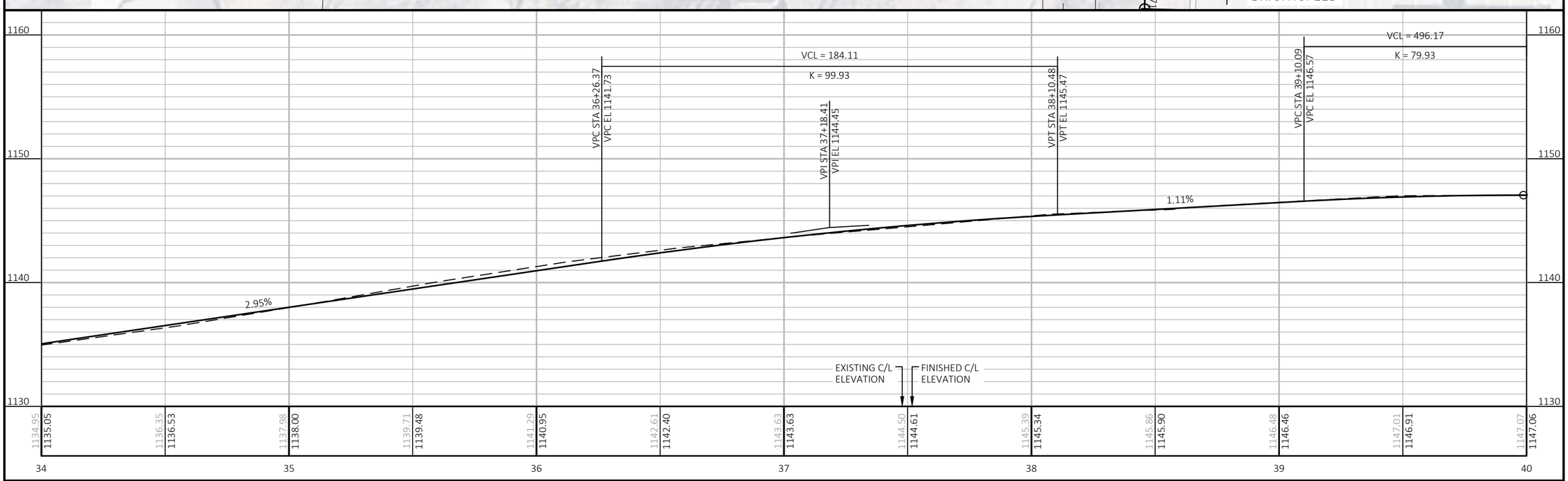
SPOONER ELEC

DIVISION STREET

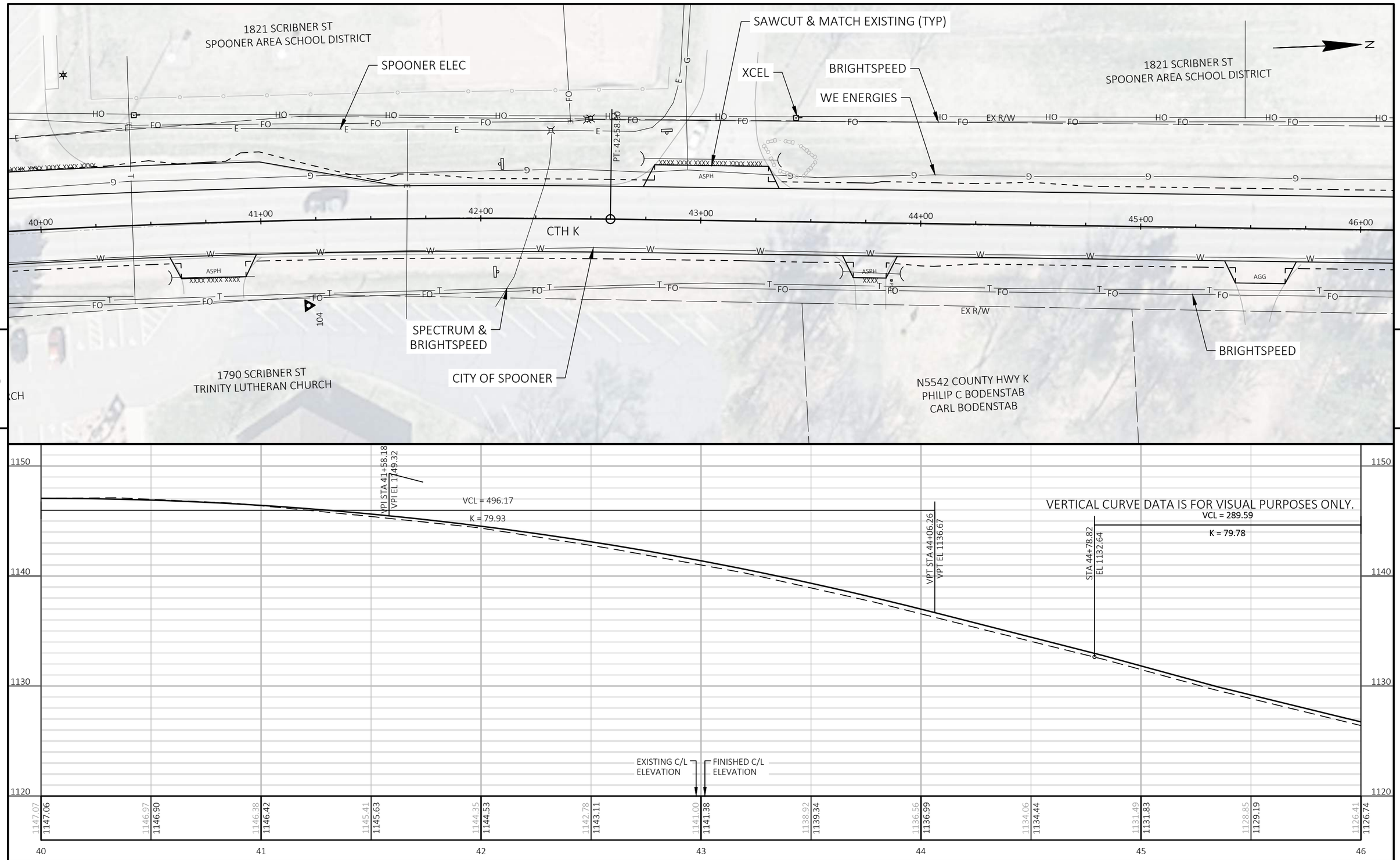
1790 SCRIBNER ST
TRINITY LUTHERAN CHURCH

33' PERMANENT STREET EASEMENT

BRIGHTSPEED



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 95	E

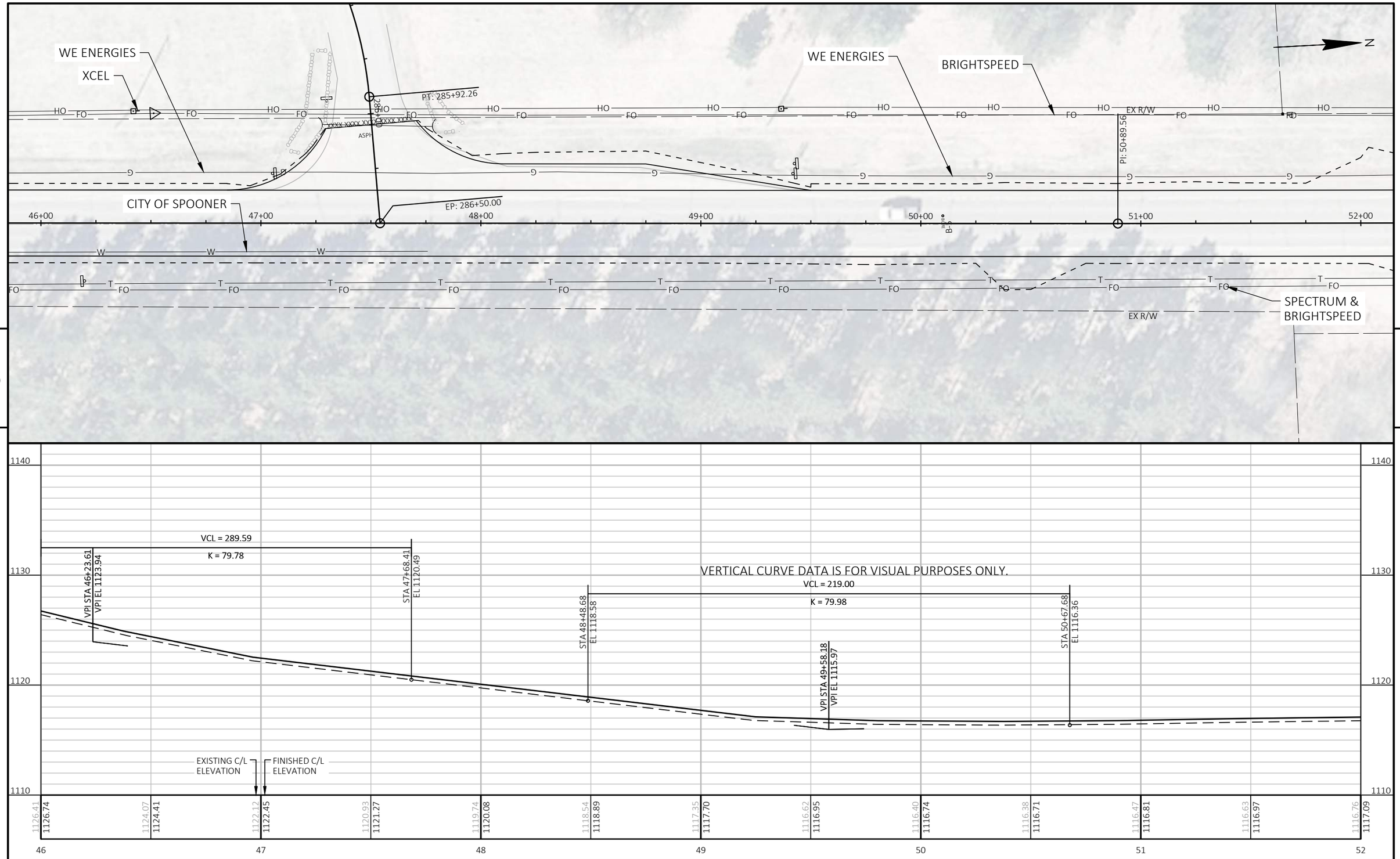


PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 96 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050106-pp

PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 97	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050107-pp

PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

N5631 COUNTY HWY K
TRAVIS D HANACEK
KIMBERLY S GIFFORD

BRIGHTSPEED

XCEL

WE ENERGIES

N

HO FO G T AGG EX R/W

PC: 55+46.46

PT: 57+53.08

52+00 53+00 54+00 55+00 56+00 57+00 58+00

CTH K

SPECTRUM &
BRIGHTSPEED

EX R/W

BRIGHTSPEED

N5620 COUNTY HWY K
BRUCE E WICKMAN TRUST
KATHRYN A WICKMAN TRUST

5

5

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.

VPC STA 54+22.33
VPC EL 1117.62

VCL = 364.15
K = 79.95

VPI STA 56+04.40
VPI EL 1118.27

VCL = 722.46
K = 99.96

VPT STA 57+86.48
VPT EL 1110.63

1130 1120 1110 1100

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

| | | |

W6965 COUNTY HWY A
MATTHEW D REESE
JENNIFER L REESE

XCEL

SPECTRUM &
BRIGHTSPEED

N

WE ENERGIES

EX R/W

PC: 60+87.13

58+00 59+00 60+00 61+00 62+00 63+00 64+00

CTH K

EX R/W

BRIGHTSPEED

W6865 COUNTY HWY A
THOMAS TERRILL
BARBARA TERRILL

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.

VCL = 722.46

K = 99.96

VPI STA 61+47.71
VPI EL 1095.46

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

1110.10	1108.09	1106.31	1104.86	1103.72	1102.66	1101.99
1110.44	1108.42	1106.64	1105.19	1104.05	1102.99	1102.32
58		59		60		61

1101.57	1101.57	1101.61	1102.29	1103.25	1104.21
1101.82	1101.74	1101.78	1102.47	1103.47	1104.55
	62		63	64

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 99 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050109-pp

PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

REMOVE & REPLCE CONCRETE
CURB & GUTTER
36-INCH SLOPED TYPE D (TYP)

SPECTRUM &
BRIGHTSPECTRUM

WE ENERGIES
(HIGH PRESSURE)

XCEL

N

EX R/W

CTH L

291+00

292+00

64+00

65+00

66+00

67+00

68+00

69+00

70+00

PT: 68+83.78

CTH K

STONE
MON

SECTION CORNER

BARRON
COOP

W6892 COUNTY HWY A
BRIAN L BOYD JR
TIFFANI J BOYD

BRIGHTSPEED

EX R/W

SPECTRUM

CTH A

5

5

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.

VCL = 722.46
K = 99.96
STA 65+08.94
EL 1106.41

VCL = 695.78
K = 199.93
VPC STA 68+50.13
VPC EL 1116.75
STA 68+50.13
EL 1116.75

EXISTING C/L ELEVATION
FINISHED C/L ELEVATION

1104.21	1105.14	1106.23	1107.60	1109.06	1110.53	1112.01	1113.75	1115.41	1116.93	1118.33	1119.69	1120.92
1104.55	1105.49	1106.50	1107.93	1109.40	1110.87	1112.35	1114.01	1115.71	1117.24	1118.66	1120.02	1121.25

1130 1120 1110 1100

64 65 66 67 68 69 70

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 100	E

N5741 COUNTY HWY K
MATTHEW A MIKULA
AMANDA E MIKULA

WE ENERGIES
(HIGH PRESSURE)

SPECTRUM &
BRIGHTSPEED

XCEL

EX R/W

N

PC: 71+36.72

PT: 72+76.29

AGG

70+00 71+00 72+00 73+00 74+00 75+00 76+00

CTH K

EX R/W

BRIGHTSPEED

CRAIG D SOHOLT
BRIAN G SOHOLT

N5764 COUNTY HWY K
CHARLES A BROWN SR
WENDY D BROWN

5

5

VCL = 695.78

K = 199.93

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.

VPI STA 71+98.02
VPI EL 1127.29

VPT STA 75+45.91
VPT EL 1125.72

1140
1130
1120
1110

EXISTING C/L ELEVATION
FINISHED C/L ELEVATION

70	71	72	73	74	75	76
1120.92	1121.97	1122.85	1123.54	1124.10	1124.67	1125.19
1121.25	1122.30	1123.18	1123.88	1124.44	1125.00	1125.52
1125.55	1125.74	1126.02	1126.03	1125.80	1125.46	
1125.88	1126.08	1126.35	1126.36	1126.13	1125.79	

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 101	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050111-pp

PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

N5781 COUNTY HWY K
PAUL F AVERY
JOAN M AVERY

SPECTRUM &
BRIGHTSPEED

WE ENERGIES
(HIGH PRESSURE)

XCEL

N

FO HO G T AGG EX R/W

PI: 81+71.96

76+00 77+00 78+00 79+00 80+00 81+00 82+00

CTH K

JAMES A GRONNING
VICKI L GRONNING

BRIGHTSPEED

5 5

1140 1130 1120 1110

EXISTING C/L ELEVATION
FINISHED C/L ELEVATION

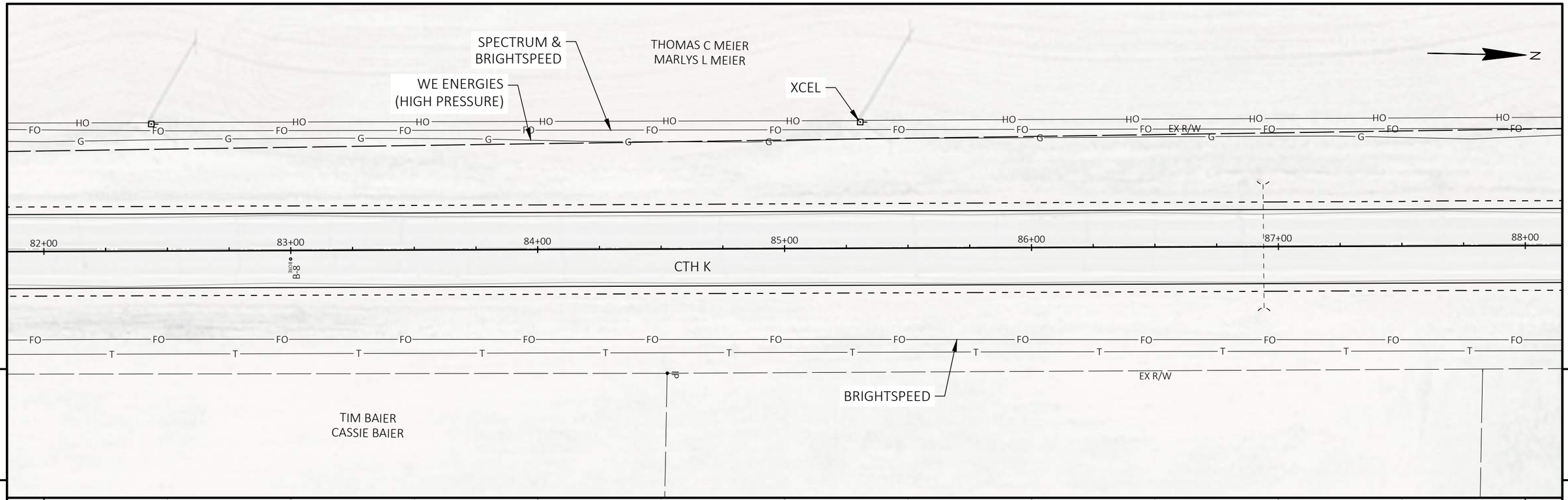
76	77	78	79	80	81	82
1125.46	1125.15	1124.91	1124.67	1124.47	1124.32	1124.13
1125.79	1125.48	1125.24	1125.00	1124.80	1124.63	1124.45
						1123.89
						1124.28
						1123.78
						1124.11
						1123.69
						1124.06
						1123.68
						1124.02
						1123.56
						1123.87
						1123.38
						1123.69

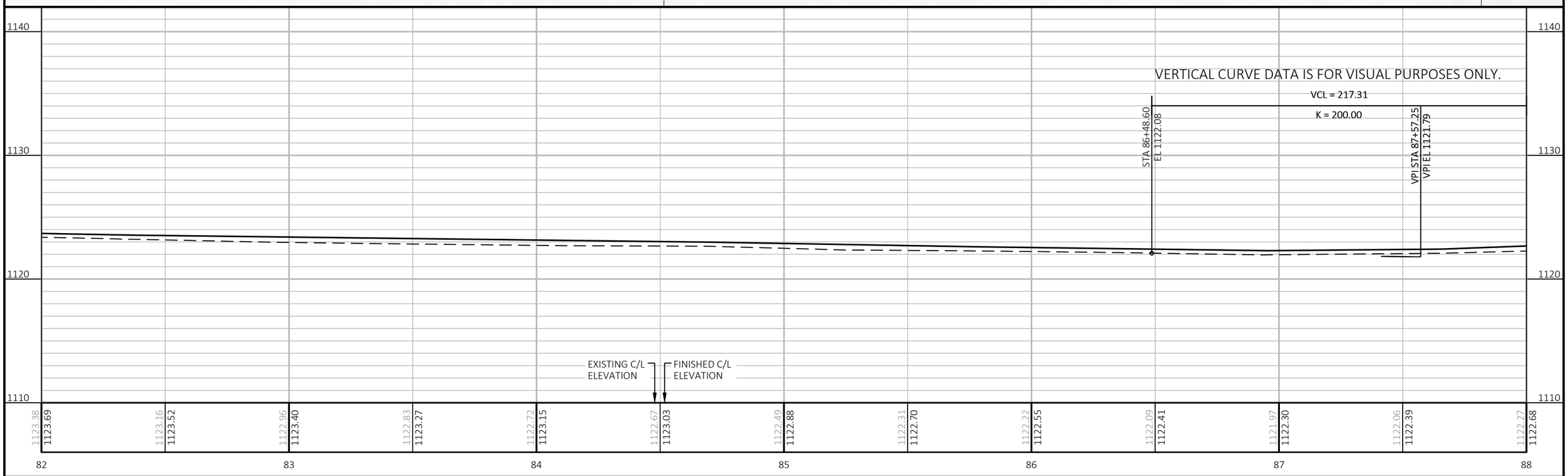
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 102	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050112-pp

PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 103	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050113-pp
PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

SPECTRUM &
BRIGHTSPEED

WE ENERGIES
(HIGH PRESSURE)

XCEL

N

EX R/W

PI: 91+01.17

315

AGG

CTH K

88+00 89+00 90+00 91+00 92+00 93+00 94+00

BRIGHTSPEED

SECTION CORNER

EX R/W

N5888 COUNTY HWY K
LARRY A COLBY
SHELLEY M COLBY

N5914 COUNTY HWY K
DANIELLE R LEDDY
ADRIAN M LEDDY

5

5

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.

VCL = 217.31
K = 200.00
STA 88+65.91
EL 1122.69

VCL = 610.94
K = 149.95
VPC STA 92+83.73
VPC EL 1126.14
STA 92+83.73
EL 1126.14

1140
1130
1120
1110

EXISTING C/L ELEVATION
FINISHED C/L ELEVATION

88	89	90	91	92	93	94
1122.27 / 1122.68	1122.66 / 1123.05	1123.09 / 1123.42	1123.44 / 1123.80	1123.79 / 1124.19	1124.25 / 1124.58	1124.69 / 1125.00
1125.10 / 1125.43	1125.43 / 1125.78	1125.78 / 1126.12	1126.13 / 1126.46	1126.40 / 1126.73	1126.51 / 1126.85	

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 104	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050114-pp

PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

SPECTRUM &
BRIGHTSPEED

WE ENERGIES
(HIGH PRESSURE)

XCEL

N5921 COUNTY HWY K
DANIEL N BURCH
REBECCA J BURCH

N

HO HO HO

N5933 COUNTY HWY K
DANIEL N BURCH
REBECCA J BURCH

SPECTRUM &
BRIGHTSPEED

WE ENERGIES
(HIGH PRESSURE)

XCEL

EX R/W

N

100+00 101+00 102+00 103+00 104+00 105+00 106+00

CTH K

BRIGHTSPEED

EX R/W

BARRON COOP

N5938 COUNTY HWY K
TREVOR D THOMPSON
DANIELLE L THOMPSON

5

5

VCL = 818.41

K = 119.96

VPI STA 103+03.88
VPI EL 1105.45

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

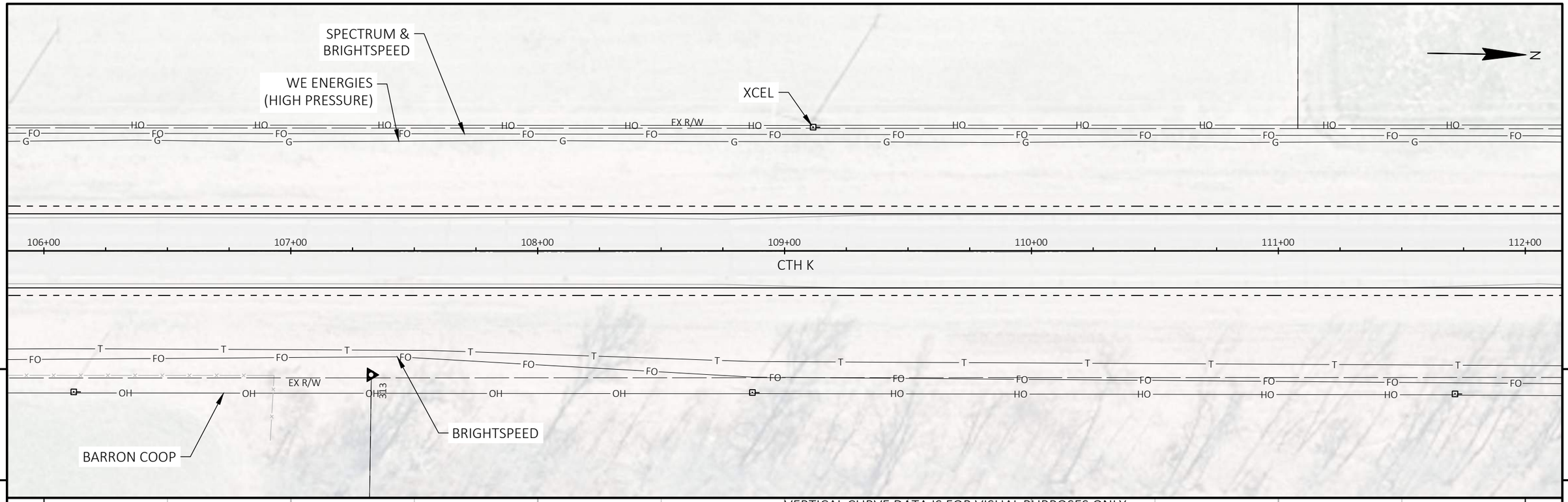
1115.74	1114.60	1113.86	1113.36	1112.90	1112.61	1112.56	1112.73	1113.05	1113.64	1114.43	1115.39	1116.61
1116.07	1114.94	1114.17	1113.53	1112.99	1112.62	1112.56	1112.78	1113.23	1113.95	1114.76	1115.72	1116.95
100		101		102		103		104		105		106

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 106	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050116-pp

PLOT DATE : 12/12/2024 3:39 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



5

5

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 107	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050117-pp

PLOT DATE : 12/12/2024 3:40 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

SPECTRUM &
BRIGHTSPEED

N6057 COUNTY HWY K
ROBERT T MILLSTEAD
TAMMI R MILLSTEAD

XCEL

WE ENERGIES
(HIGH PRESSURE)

BP! 300+00.00

PI: 115+10.46

EX R/W

112+00 113+00 114+00 115+00 116+00 117+00 118+00

CTH K

BARRON COOP

BRIGHTSPEED

EX R/W

W6835 LITTLE VALLEY RD
CATHERINE A KORTHALS

N6076 COUNTY HWY K
MICHAEL J PAPPAS
GLADYS M PAPPAS

SECTION CORNER

LITTLE VALLEY RD

VCL = 283.62
K = 99.97

VPC STA 112+93.85
VPC EL 1126.98

VPI STA 114+35.66
VPI EL 1127.29

VPT STA 115+77.47
VPT EL 1123.58

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.
VCL = 644.87
K = 199.96

EXISTING C/L ELEVATION
FINISHED C/L ELEVATION

1126.76	1127.12	1126.88	1127.22	1126.73	1127.06	1126.43	1126.76	1126.18	1126.52	1125.82	1126.16	1125.11	1125.42	1124.15	1124.47	1123.19	1123.52	1122.12	1122.45	1121.10	1121.43	1120.31	1120.64	1119.43	1119.77
112				113				114				115				116				117				118	

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 108 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050118-pp

PLOT DATE : 12/12/2024 3:40 PM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

00.00

N6127 COUNTY HWY K
DENNIS D PECHA
CHRISTINE D PECHA

BRIGHTSPEED

XCEL

WE ENERGIES
(HIGH PRESSURE)

N

EX R/W

AGG

118+00 119+00 120+00 121+00 122+00 123+00 124+00

CTH K

B-11

POST

BARRON COOP

BRIGHTSPEED

4B01

EX R/W

MICHAEL D SCHAFER
KARINA J SCHAFER

5

5

1140
1130
1120
1110

VCL = 644.87

K = 199.96

VERTICAL CURVE DATA IS FOR VISUAL PURPOSES ONLY.

VPI STA 118+99.91
VPI EL 1115.14

STA 122+22.34
EL 1117.10

EXISTING C/L ELEVATION

FINISHED C/L ELEVATION

118	119	120	121	122	123	124
1119.43	1118.71	1118.08	1117.65	1117.32	1117.17	1117.04	1117.00	1117.03	1117.27	1117.45	1117.64	1117.87
1119.77	1119.04	1118.42	1117.98	1117.66	1117.50	1117.42	1117.34	1117.36	1117.54	1117.75	1117.96	1118.18

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 109	E

JON REZARCH
ERIC J REZARCH

XCEL

WE ENERGIES
(HIGH PRESSURE)

BRIGHTSPEED

N

HO FO G EX R/W

PC: 128+99.38

124+00 125+00 126+00 127+00 128+00 129+00 130+00

CTH K

BARRON COOP

HO FO T EX R/W

301

BRIGHTSPEED

MICHAEL D SCHAFER
KARINA J SCHAFER

5

5

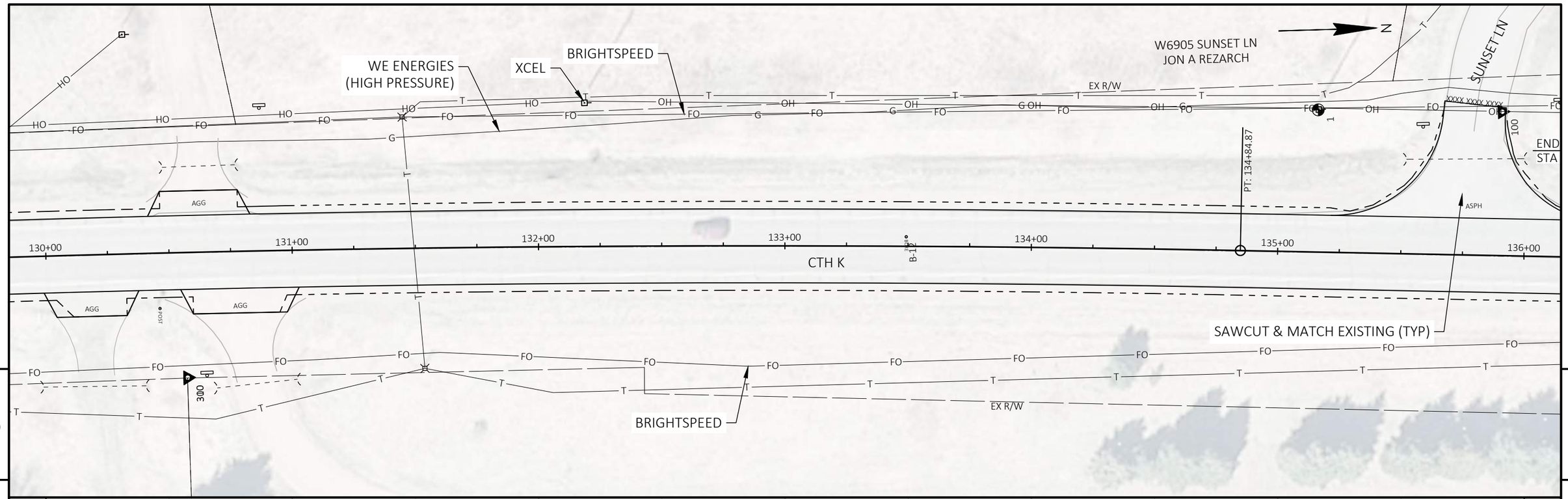
1140
1130
1120
1110

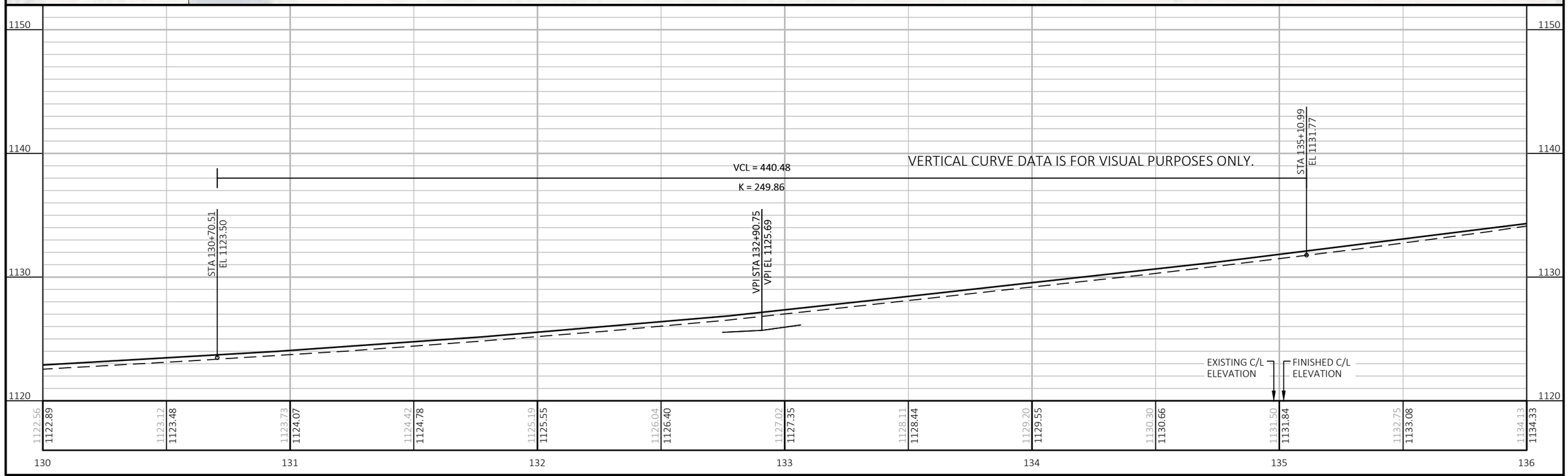
EXISTING C/L ELEVATION
FINISHED C/L ELEVATION

124	125	126	127	128	129	130
1117.87	1118.09	1118.49	1118.82	1119.22	1119.59	1119.96	1120.30	1120.71	1121.17	1121.62	1122.08	1122.56
1118.18	1118.42	1118.78	1119.15	1119.53	1119.91	1120.27	1120.62	1121.04	1121.50	1121.96	1122.41	1122.89

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 110	E

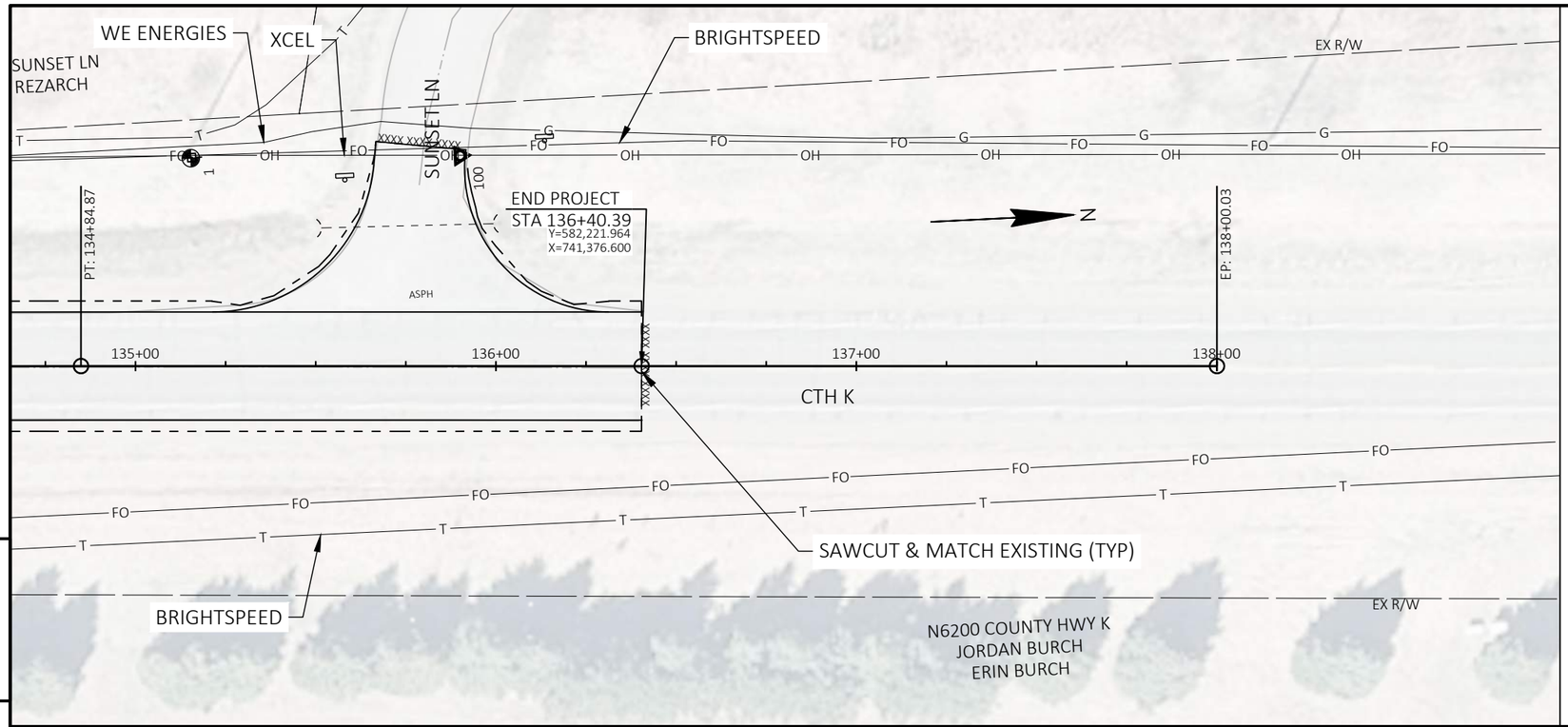
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050120-pp
PLOT DATE : 12/12/2024 3:40 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

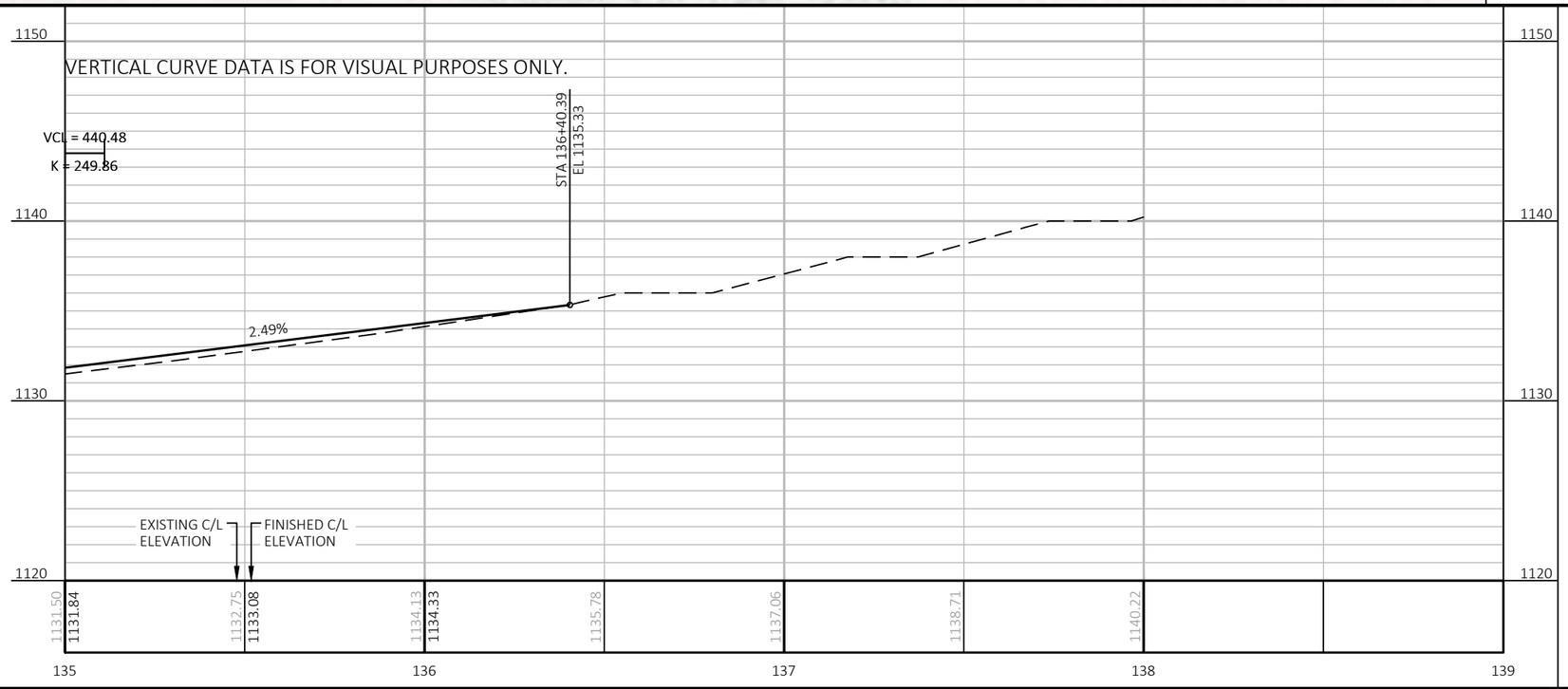




PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PROFILE: CTH K	SHEET 111 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050121-pp
PLOT DATE : 12/12/2024 3:40 PM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



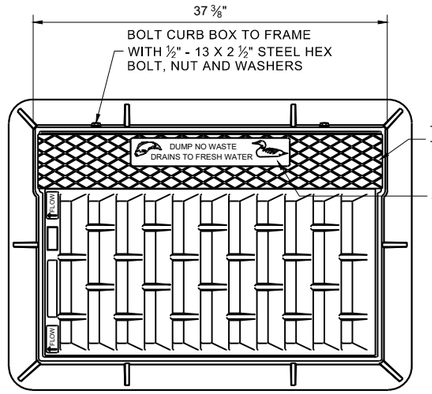


PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	PLAN AND PLOTTING: CTH K	SHEET 112	E

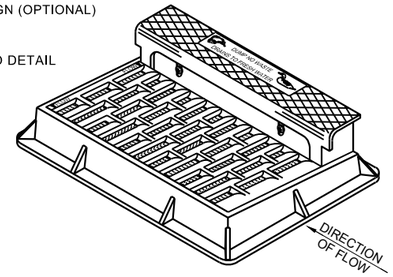
Standard Detail Drawing List

08A05-21A	INLET COVERS TYPE A, H, A-S, H-S & Z
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D18-04	DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y
08D19-04	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D30-09A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

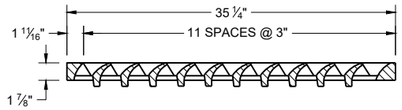
6

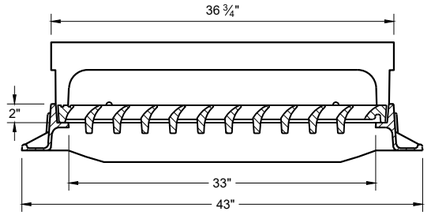


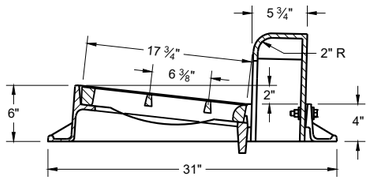
NOTE: EITHER CASTING IS ACCEPTABLE

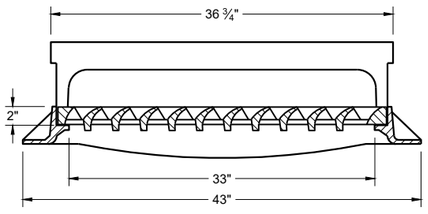


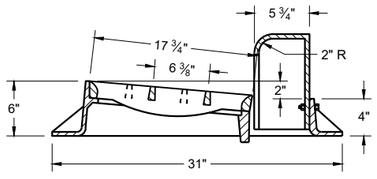
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







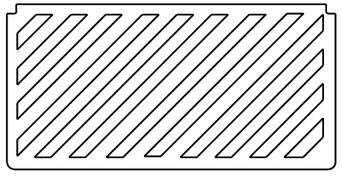




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

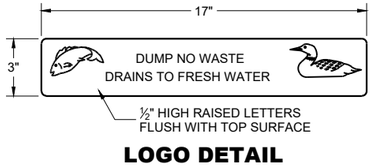
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



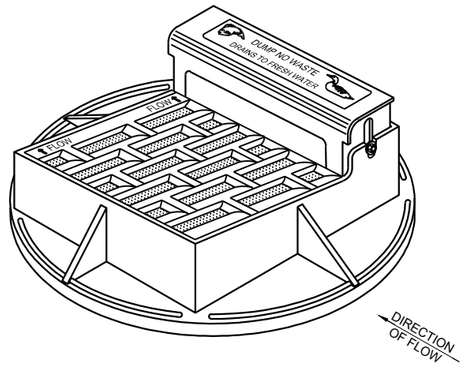
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

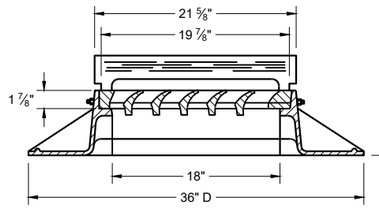


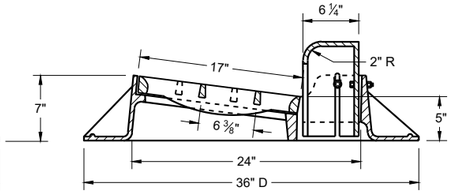
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





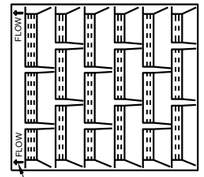
TYPE "A"

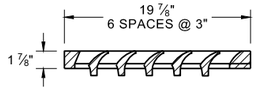
GENERAL NOTES

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

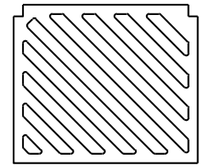
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.





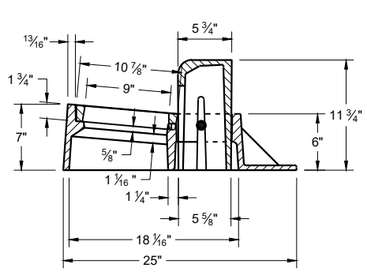
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



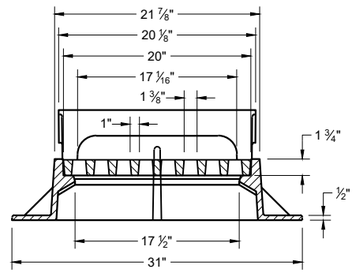
SPECIAL GRATE FOR TYPE "A" COVER

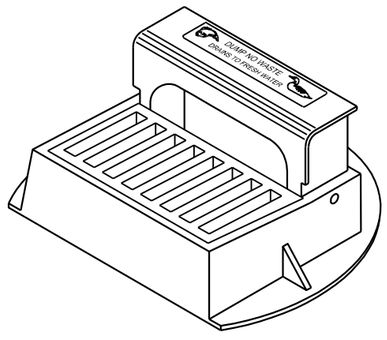
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





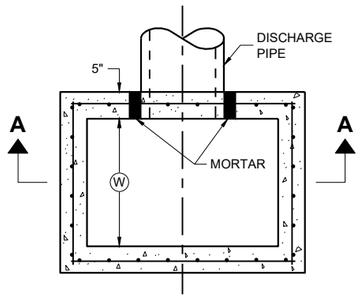
INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

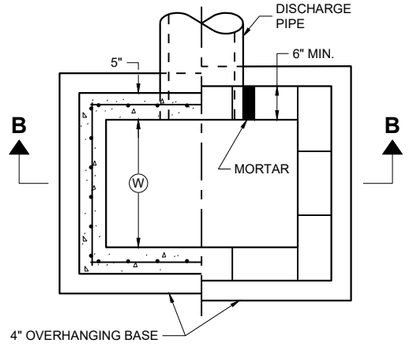
APPROVED
December 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

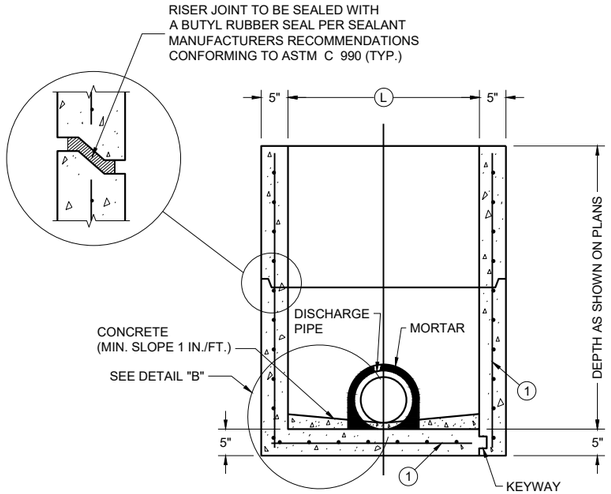
FHWA



PLAN VIEW



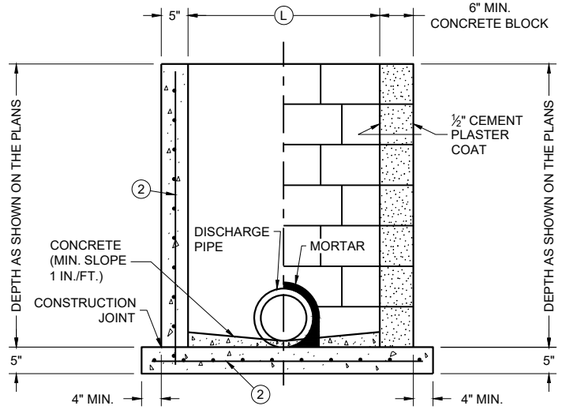
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

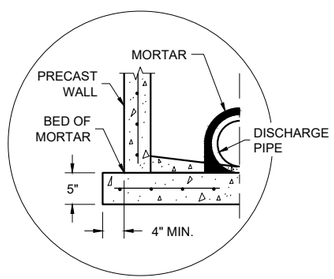
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

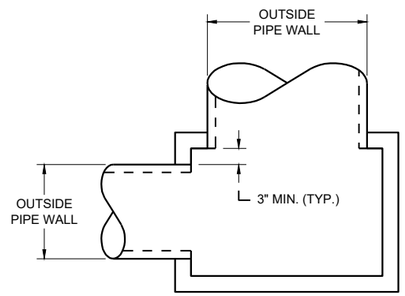
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913
(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

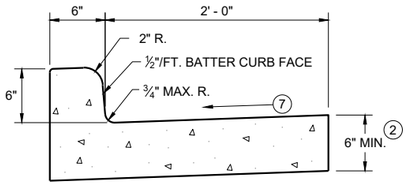
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

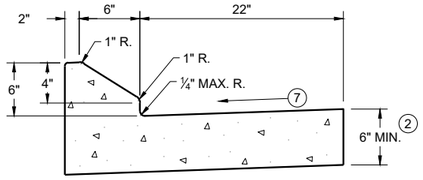
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

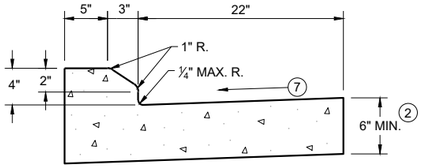
6
SDD 08C07-03



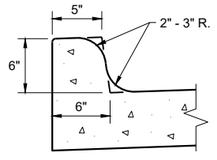
TYPES A (1) & D



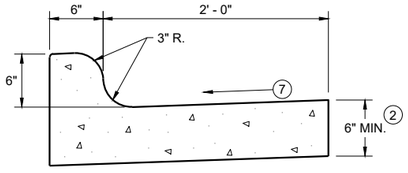
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

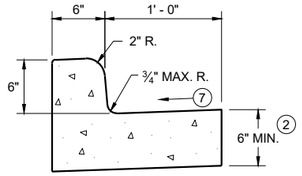


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



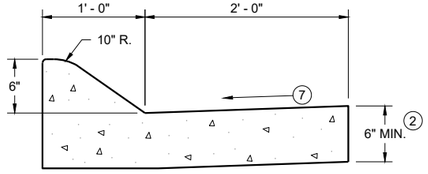
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

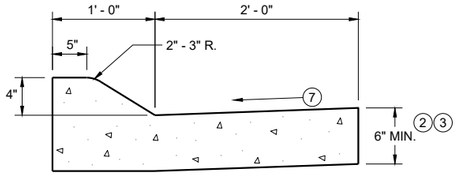


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

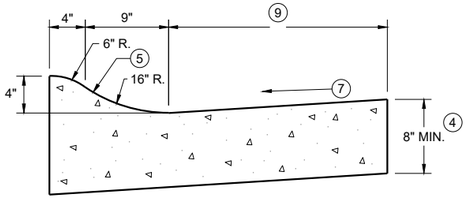


6" SLOPED CURB TYPES A (1) & D



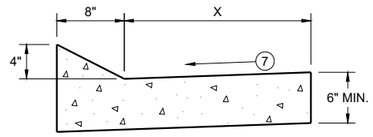
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

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

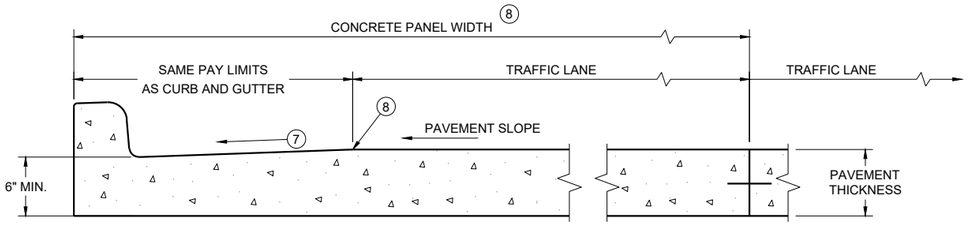


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

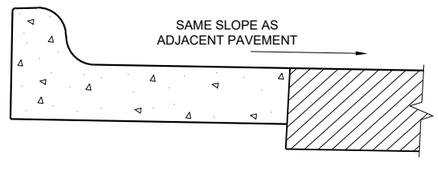
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



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

GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

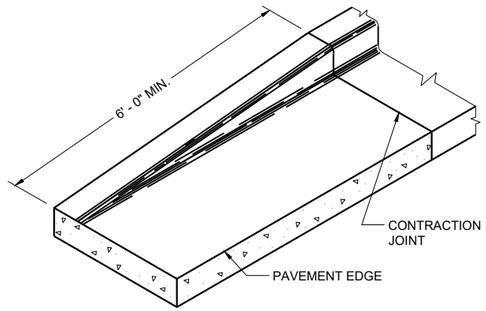
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

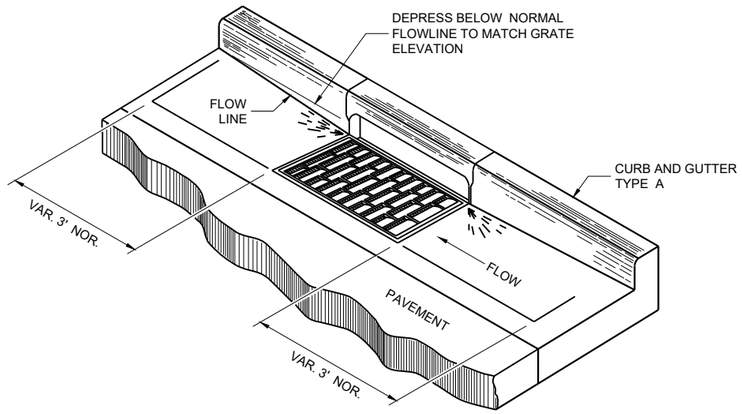
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

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

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

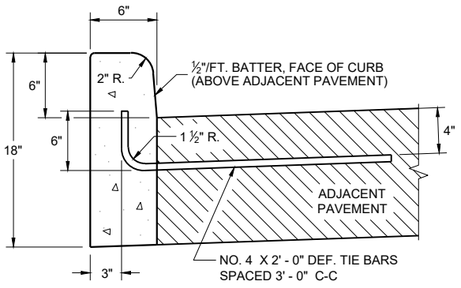
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

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

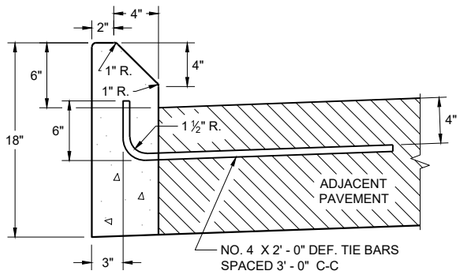
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

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

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

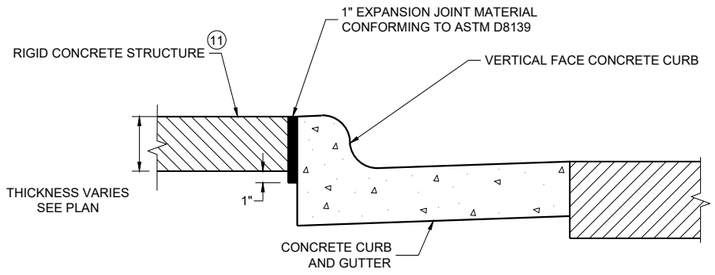


TYPES A (1) & D

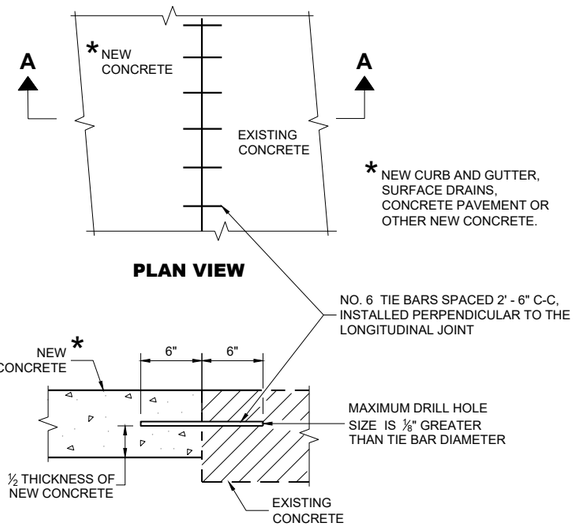


TYPES G (1) & J

CONCRETE CURB



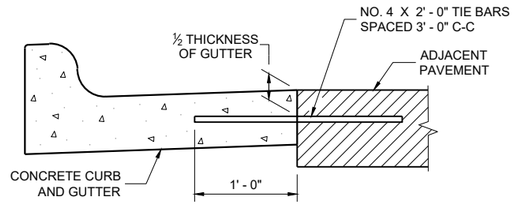
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



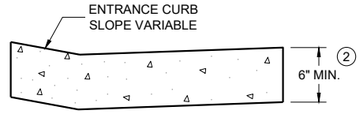
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

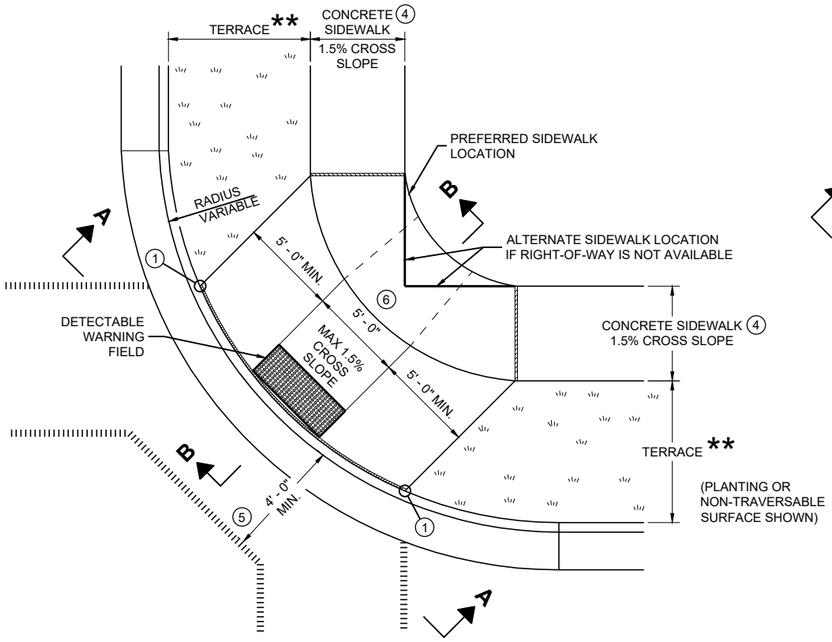
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6

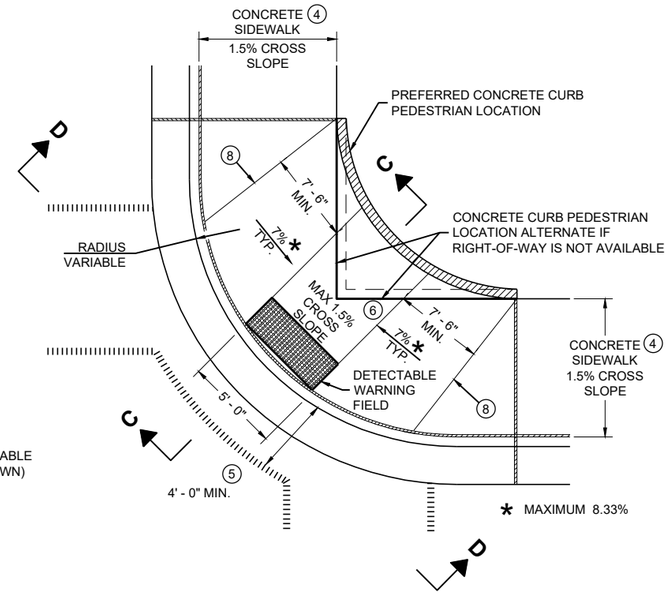
SDD 08D01-23b



PLAN VIEW

CURB RAMP TYPE 1

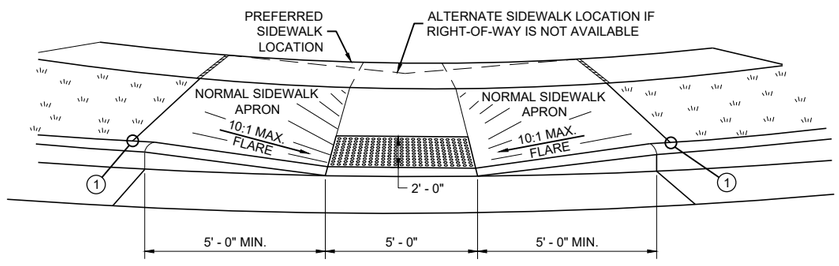
(CENTER OF CORNER RADIUS)



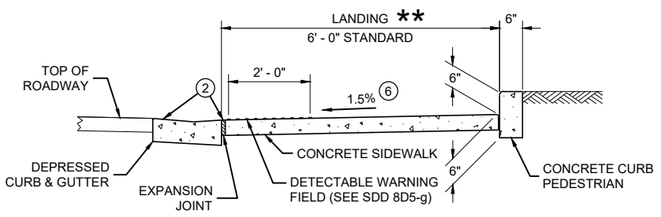
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

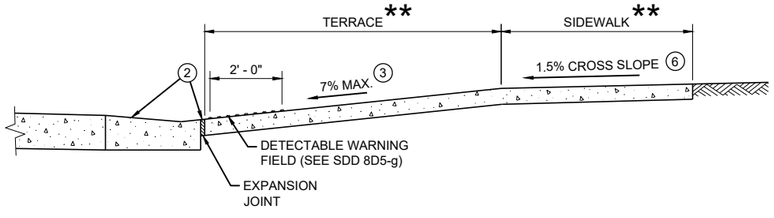


VIEW A - A FOR TYPE 1

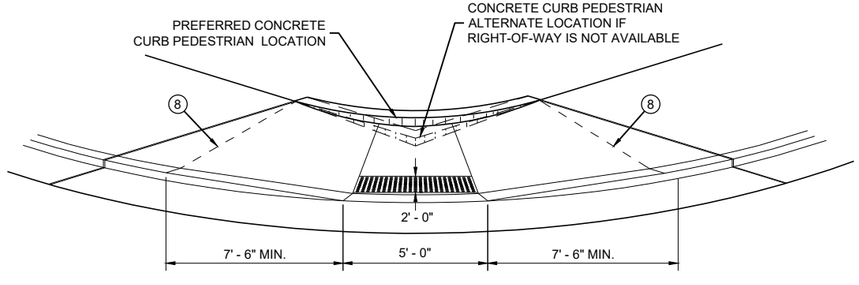


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

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

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

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

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

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

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

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

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

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

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

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

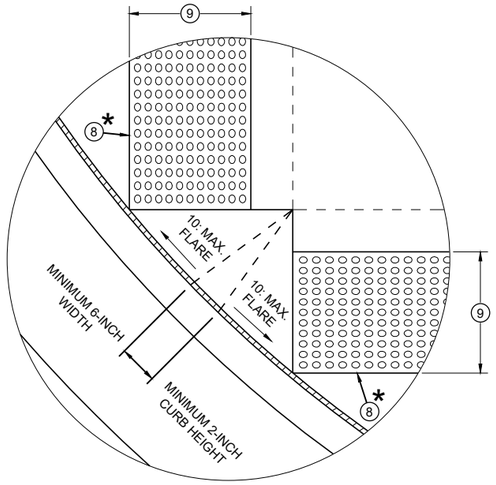
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

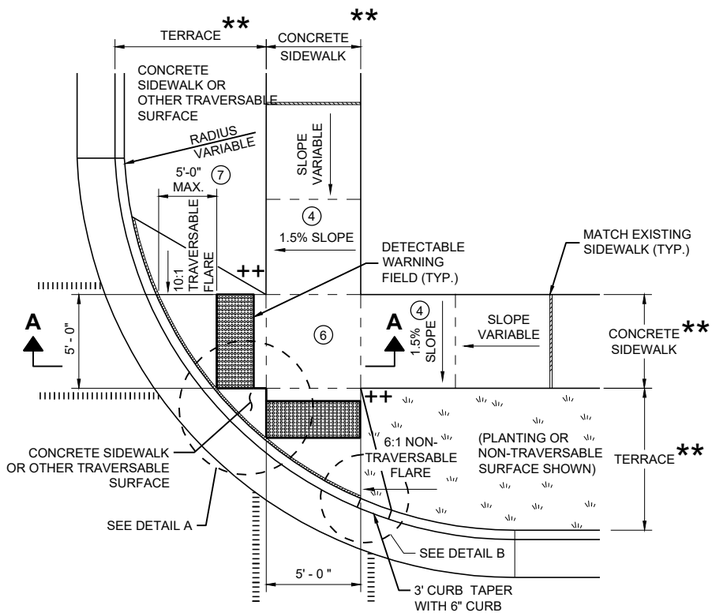
CURB RAMPS TYPE 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D05-21a



DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)

GENERAL NOTES

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

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

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

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

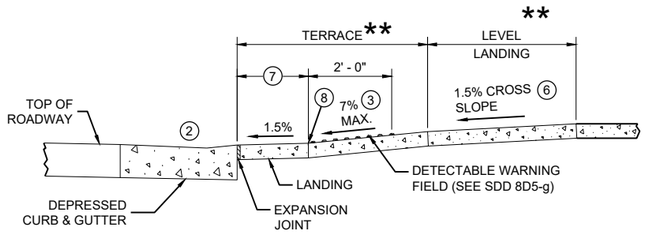
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

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

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

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

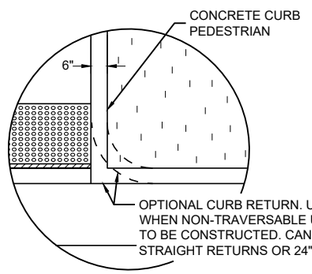


SECTION A - A FOR TYPE 2

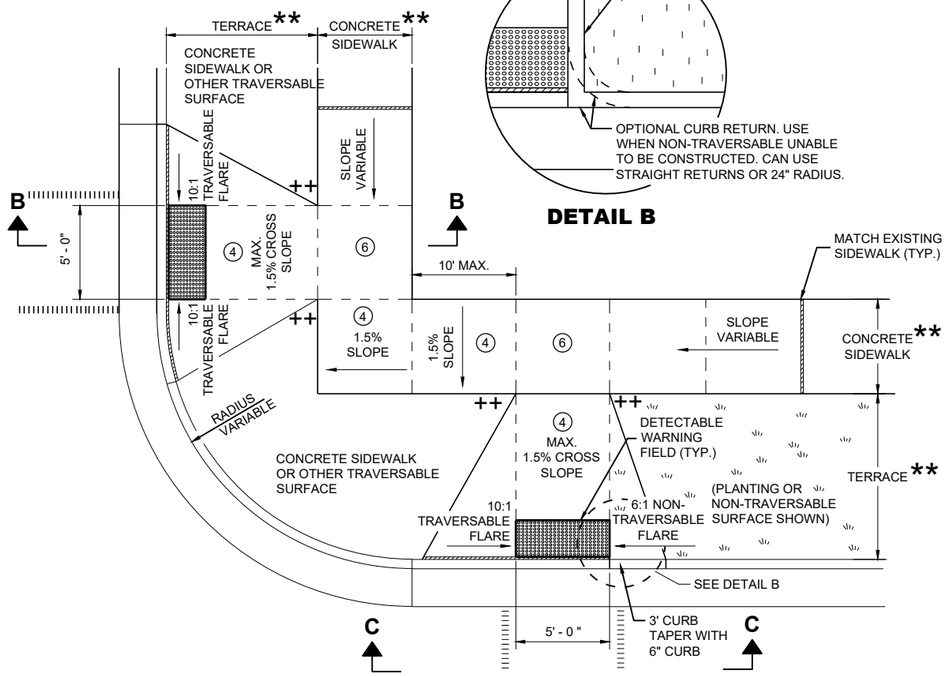
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

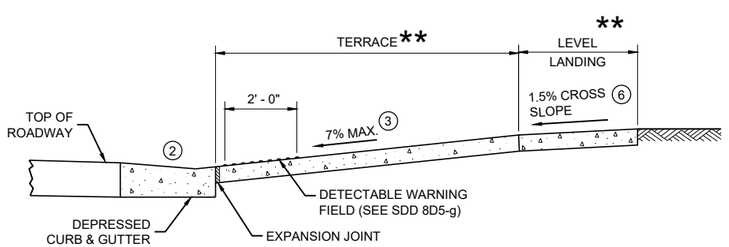
++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



DETAIL B



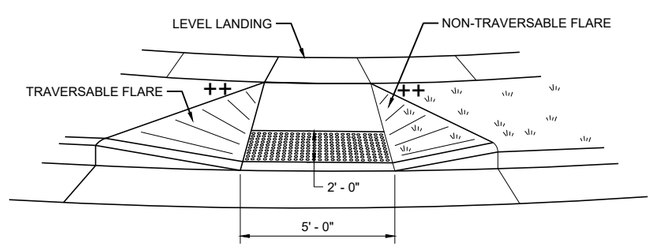
PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3

LEGEND

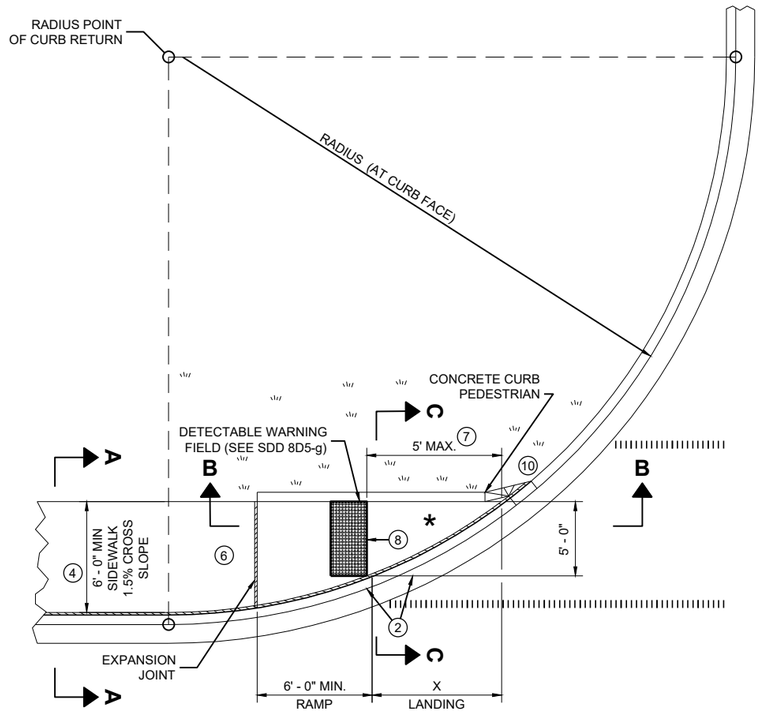
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



VIEW C - C FOR TYPE 3

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

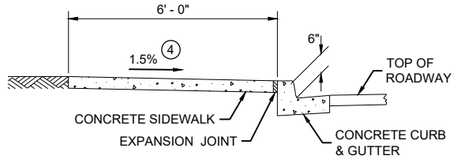


PLAN VIEW

CURB RAMP TYPE 4A

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

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

GENERAL NOTES

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

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

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

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

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

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

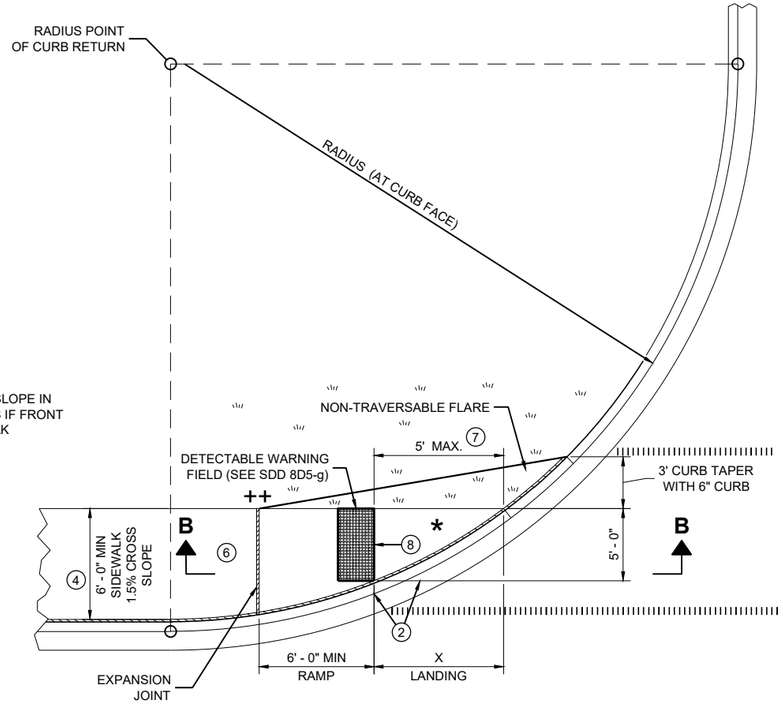
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)

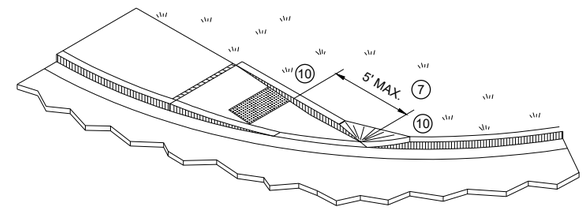


PLAN VIEW

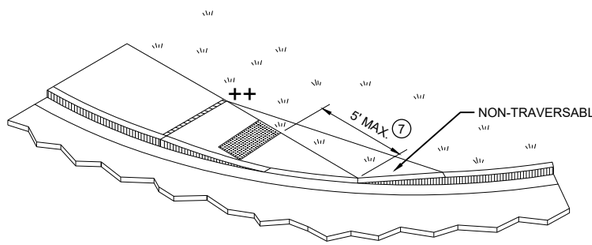
CURB RAMP TYPE 4A1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

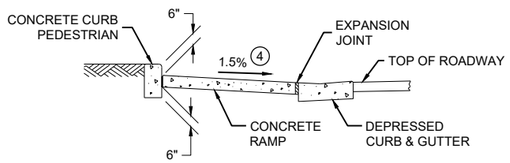
++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



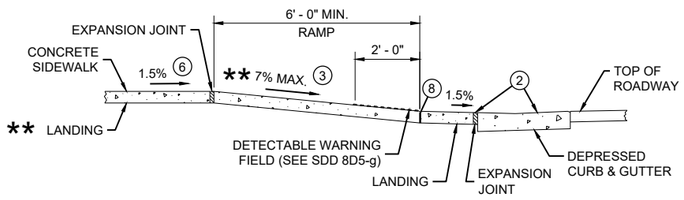
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1



SECTION C - C FOR TYPE 4A



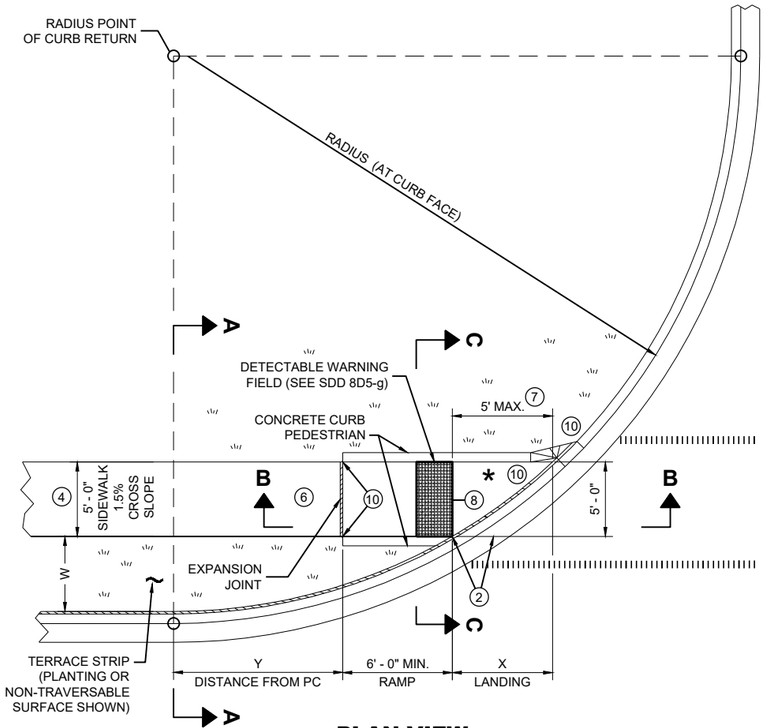
SECTION B - B FOR TYPE 4A AND TYPE 4A1

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

CURB RAMPS TYPE 4A AND 4A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05-21c



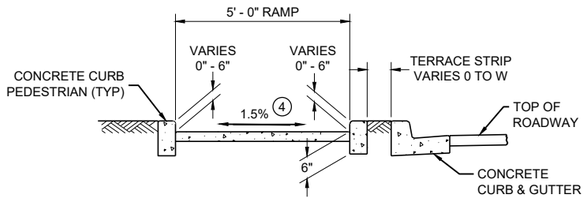
PLAN VIEW
CURB RAMP TYPE 4B

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

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

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C - C FOR TYPE 4B

GENERAL NOTES

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

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

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

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

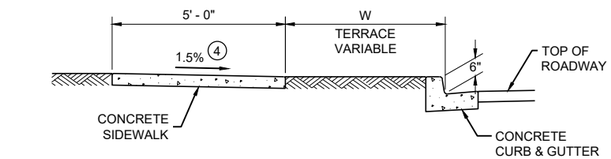
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

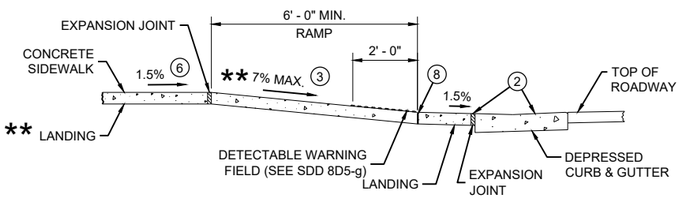
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

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

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

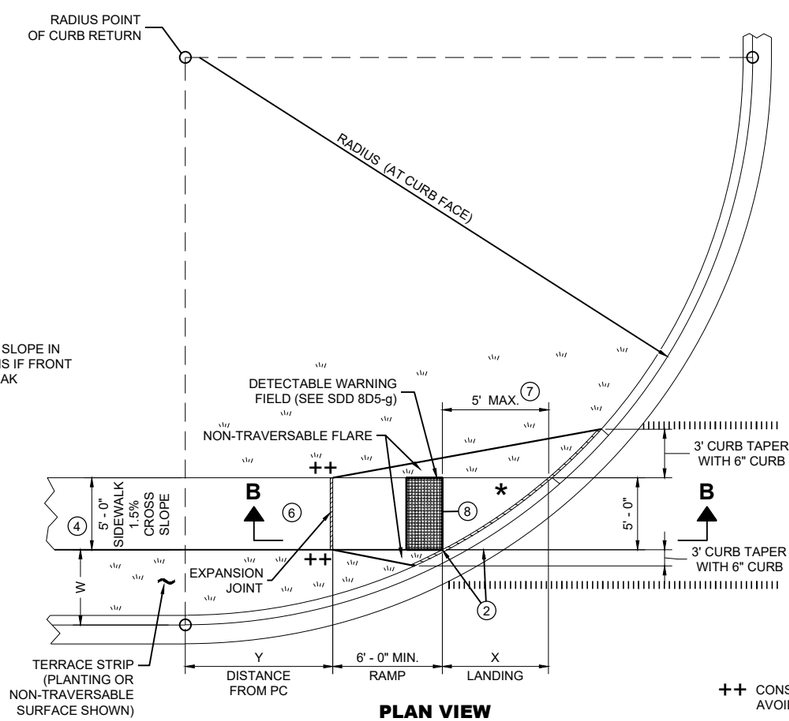


SECTION A - A FOR TYPE 4B



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

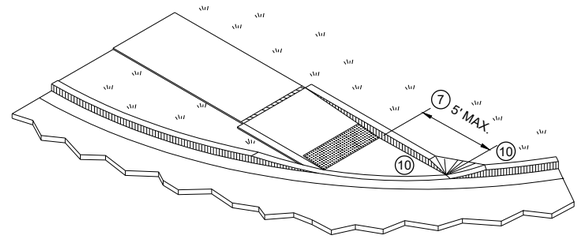
SECTION B - B FOR TYPE 4B AND TYPE 4B1



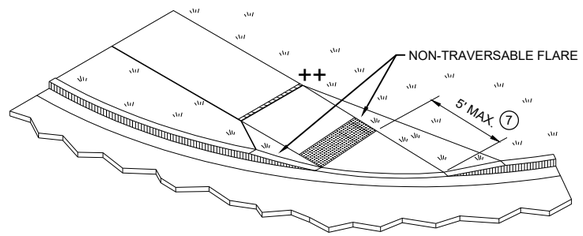
PLAN VIEW
CURB RAMP TYPE 4B1

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



ISOMETRIC VIEW FOR TYPE 4B

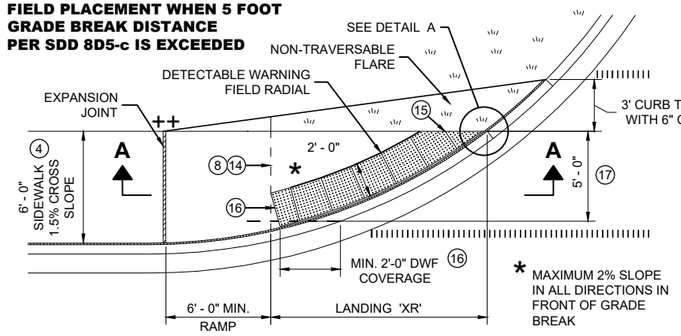


ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS
TYPE 4B AND 4B1

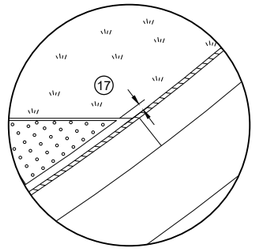
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

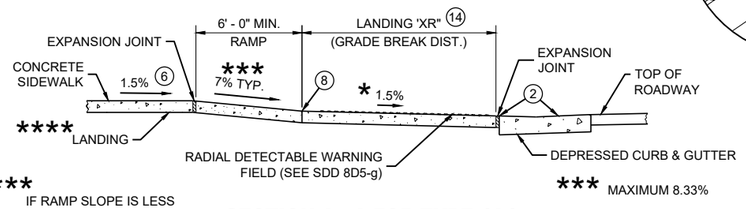


PLAN VIEW

CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL A



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

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

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

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

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

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

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

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

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

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

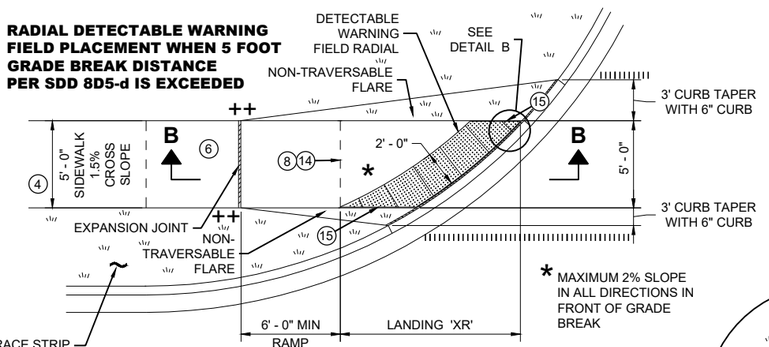
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

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

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

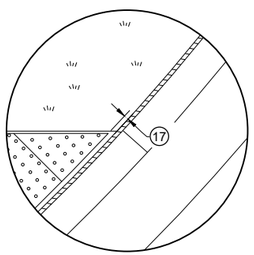
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

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

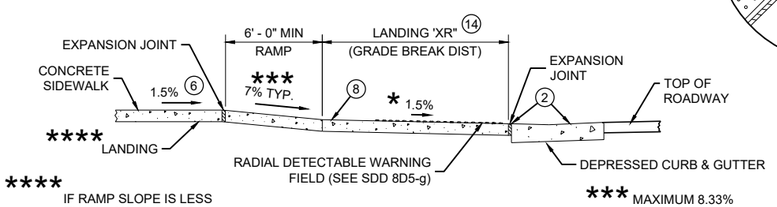


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

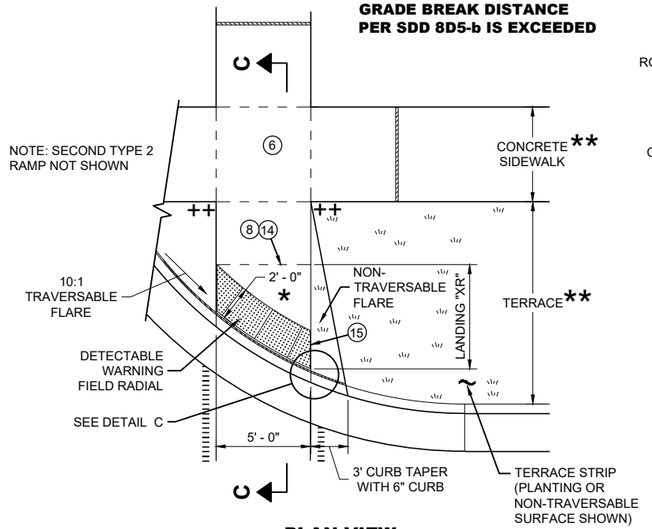


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

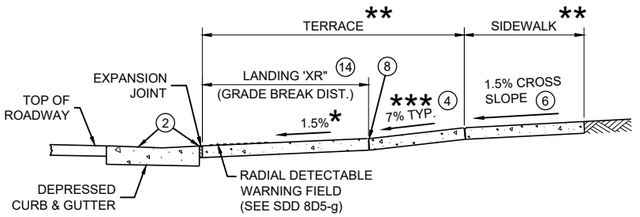
SECTION B - B FOR TYPE 4B1

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

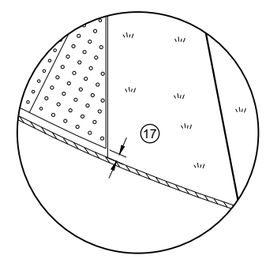


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
RADIAL DETECTABLE WARNING

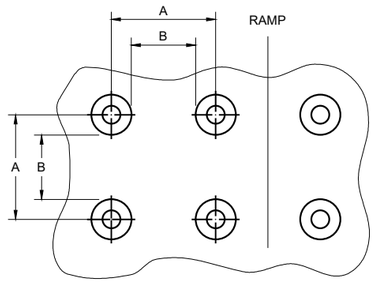
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

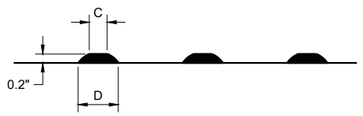
SDD 08D05-21f

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

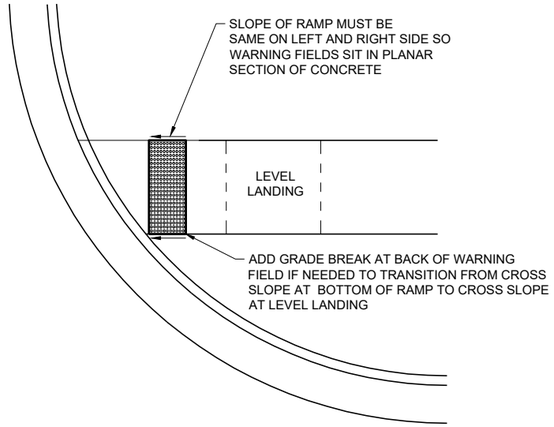
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

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

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

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

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

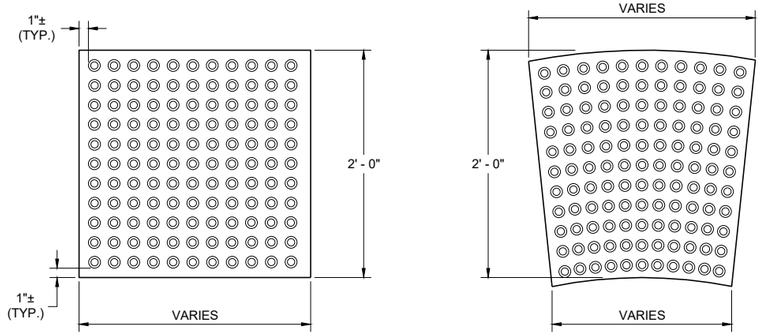
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE.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

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

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

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

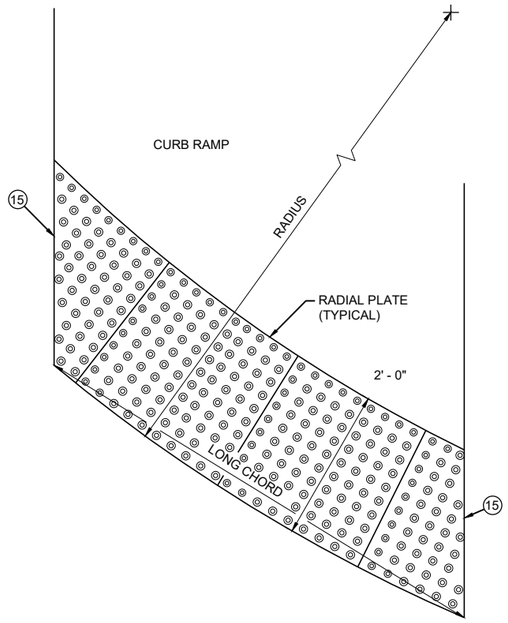
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



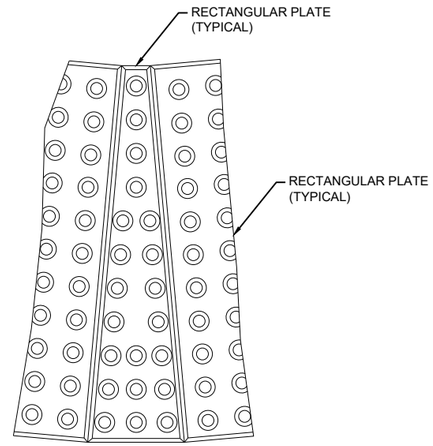
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

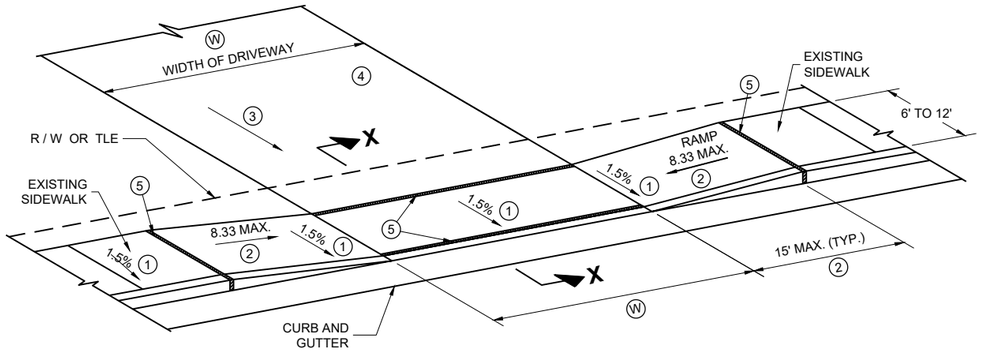
CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

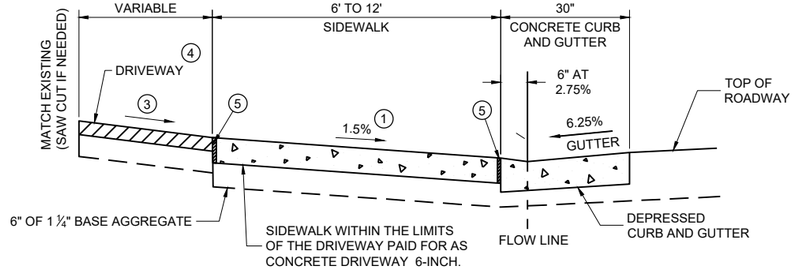
APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

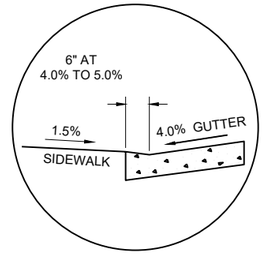
6
SDD 08D05-21g



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



SECTION X - X



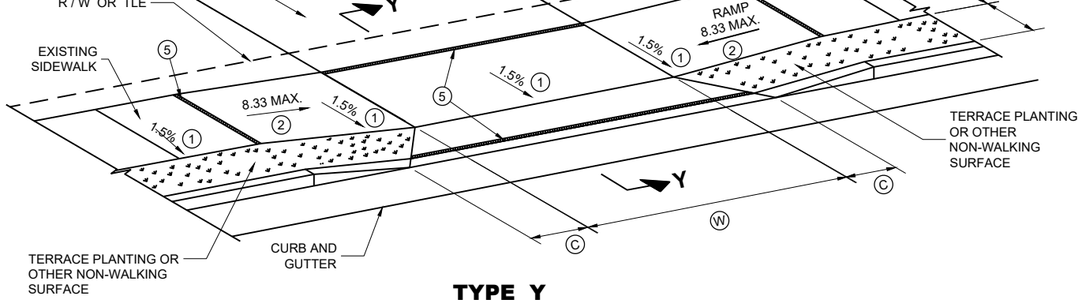
SECTION X - X
4% GUTTER SLOPE

Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)

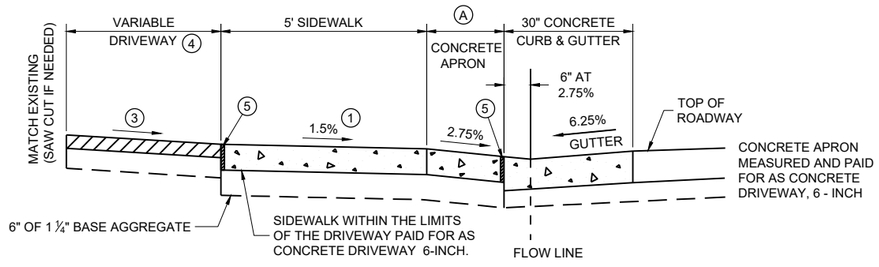
TABLE Y

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

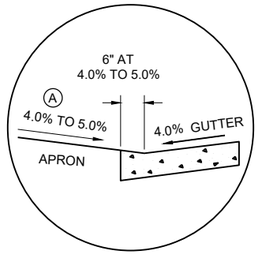


TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

Ⓐ:MEASURE FROM BACK OF CURB



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS



SECTION Y - Y
4% GUTTER SLOPE

SECTION Y - Y
DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

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

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

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

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

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 ½" EXPANSION JOINT FILLER

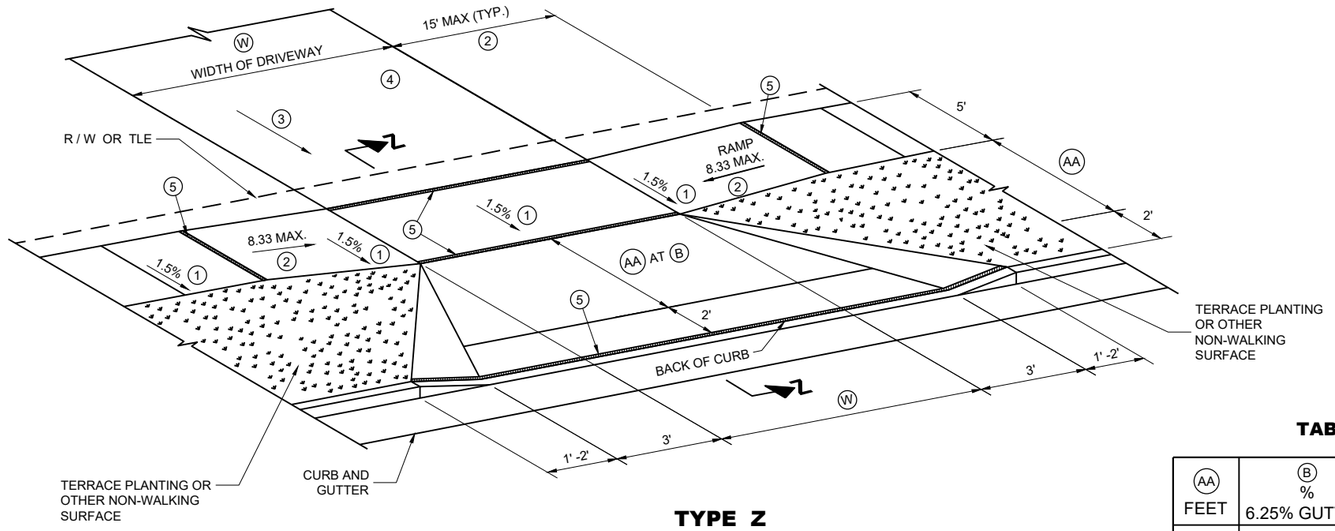
DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

6
SDD 08D18-04



TYPE Z

SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

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

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

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

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

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

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

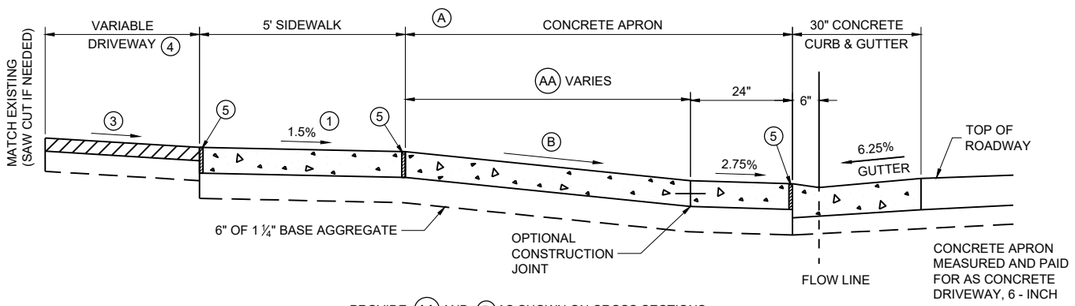
(5) ½" EXPANSION JOINT FILLER.

TABLE Z

(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

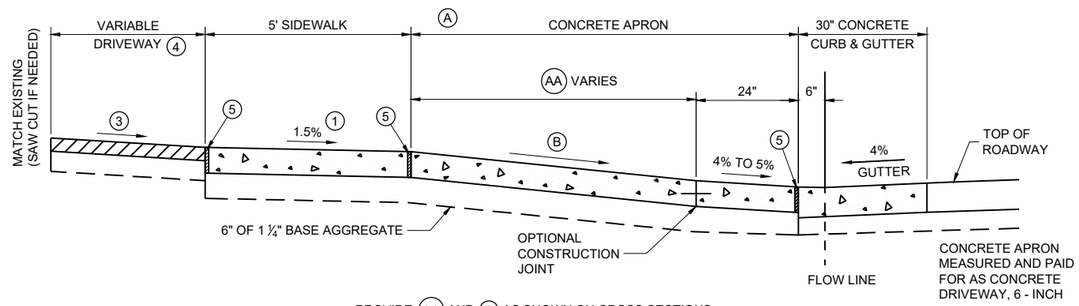
(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE

NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

SECTION Z - Z
DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

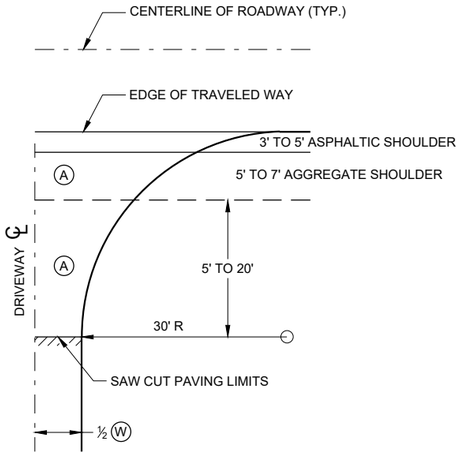
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

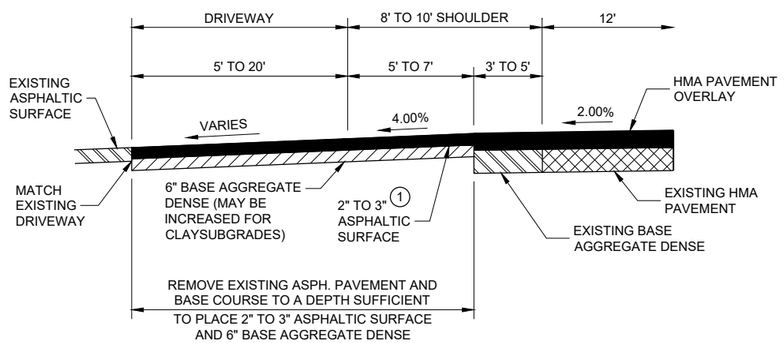
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



PROFILE VIEW

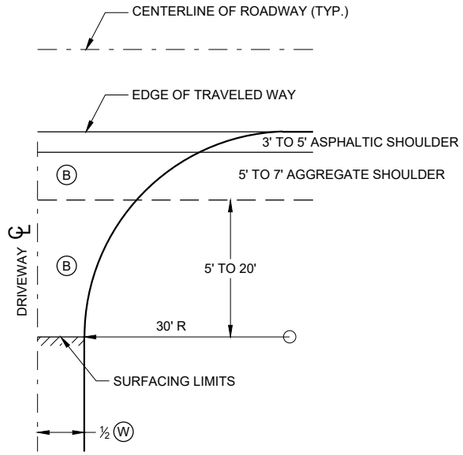
RURAL ENTRANCE WITH ASPHALTIC SURFACE

RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

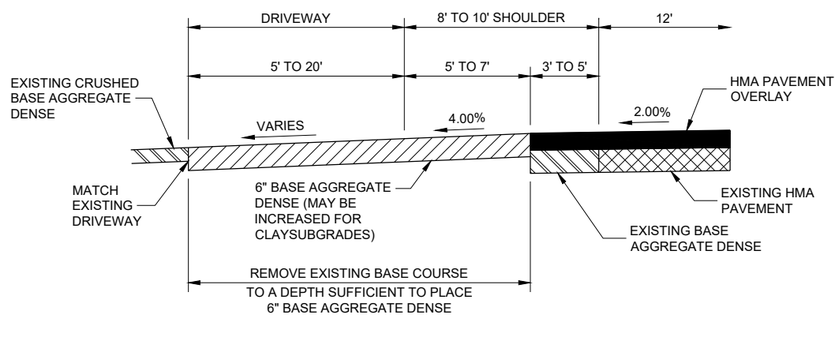
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 ¼" (TON)

(W) : DRIVEWAY WIDTH 16' MIN. - 24' MAX.



PLAN VIEW

HALF SECTION



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE

6" BASE AGGREGATE DENSE

RESURFACING PROJECTS

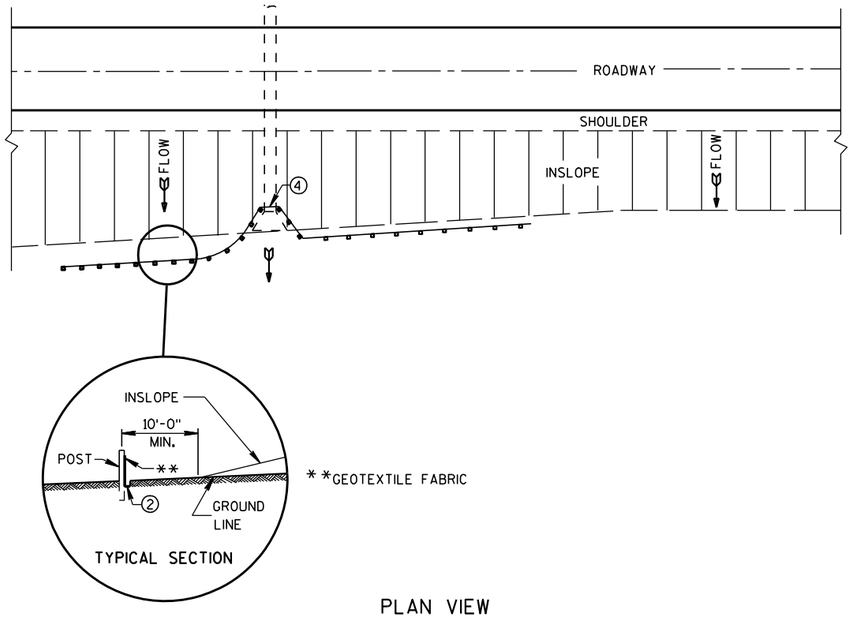
DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

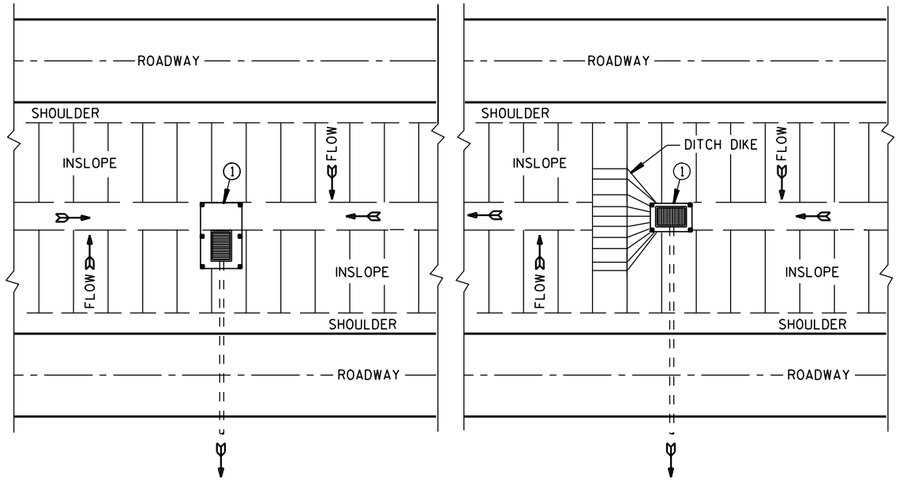
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SDD 08D22 - 01



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

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

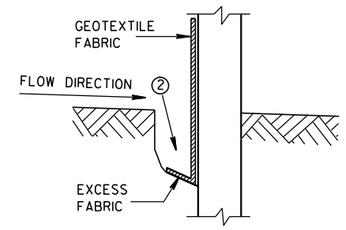
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

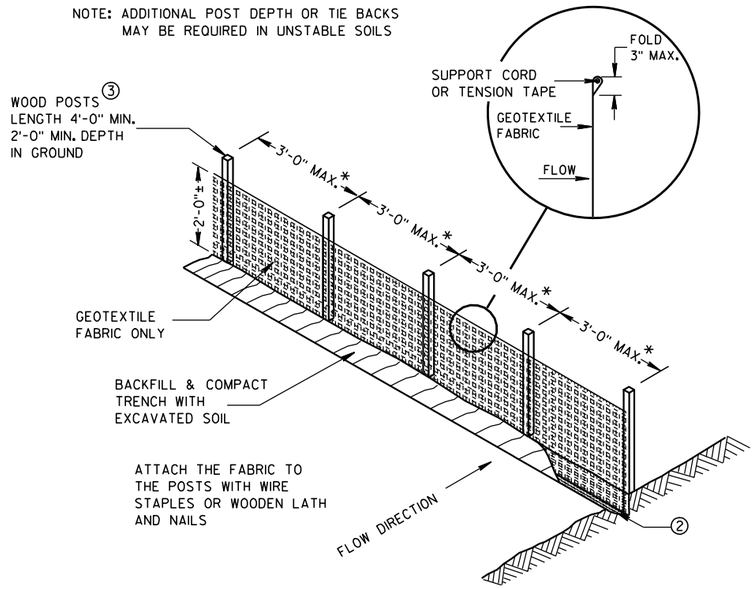
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.

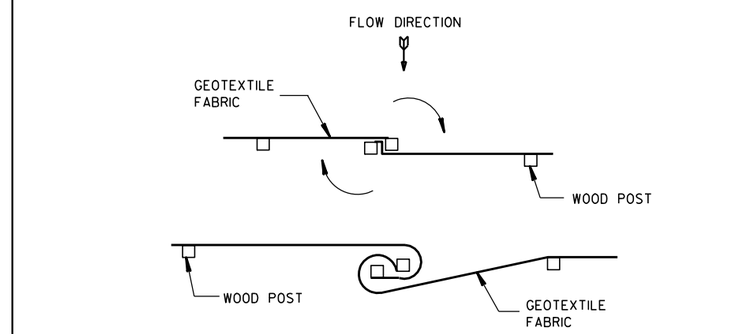
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



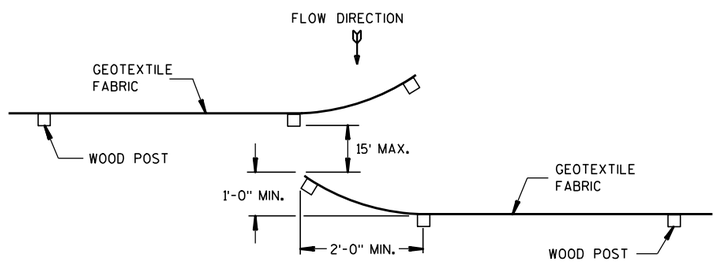
TRENCH DETAIL



SILT FENCE

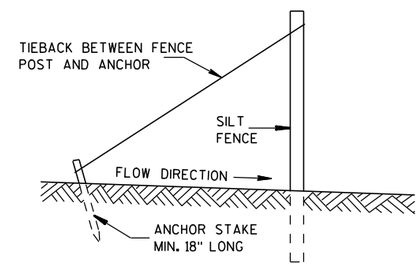


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

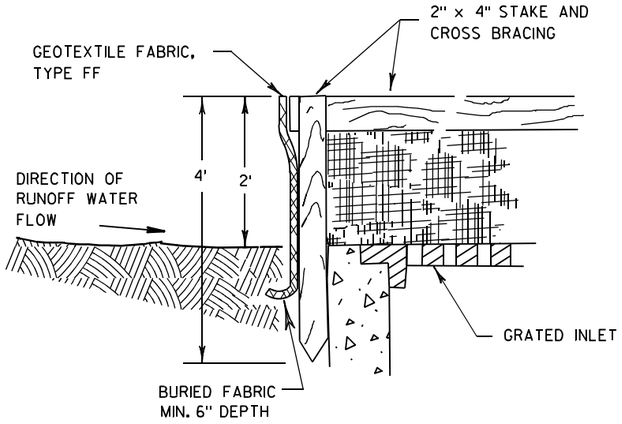
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

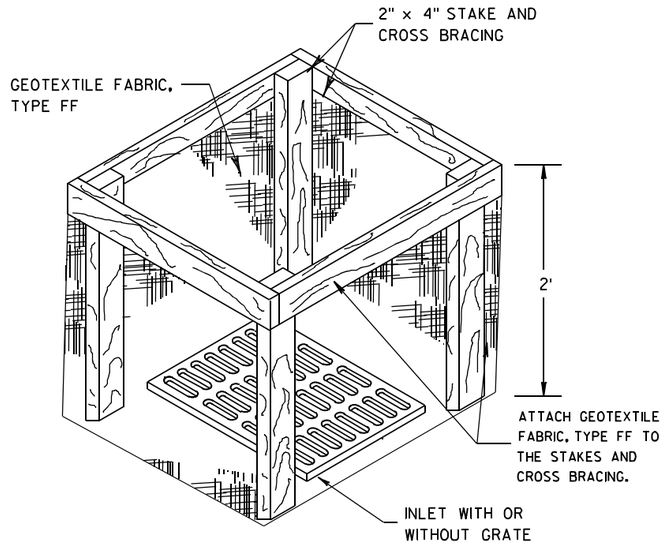
6

S.D.D. 8 E 9-6

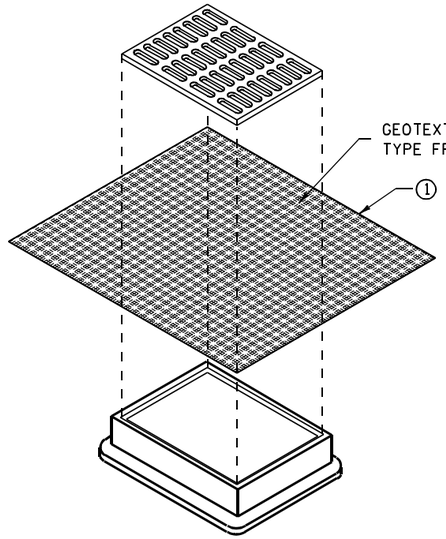
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S.D.D. 8 E 9-6



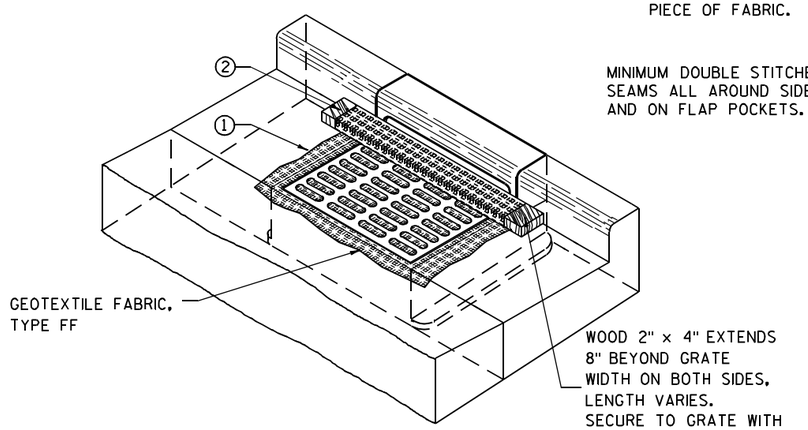


INLET PROTECTION, TYPE A

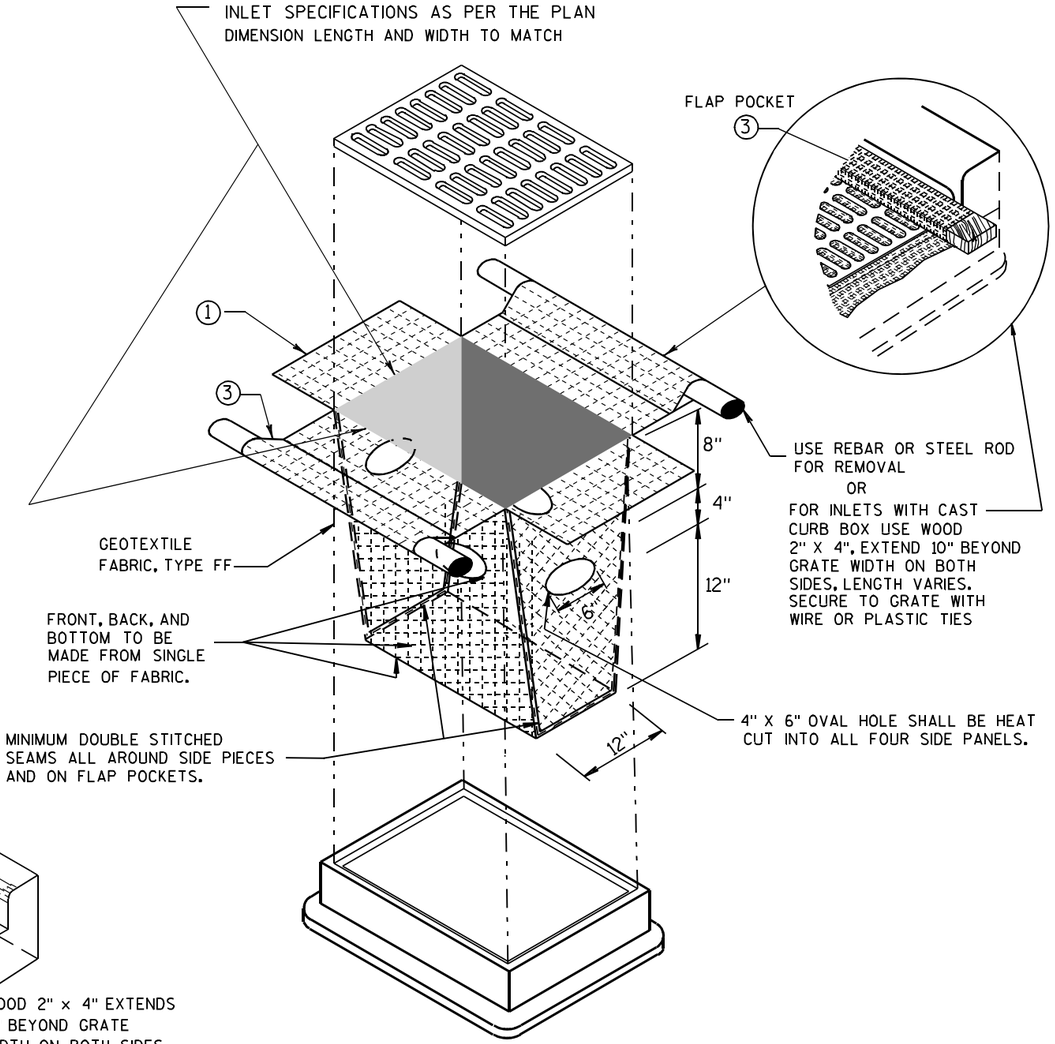


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

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

GENERAL NOTES

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

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

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

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

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

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

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

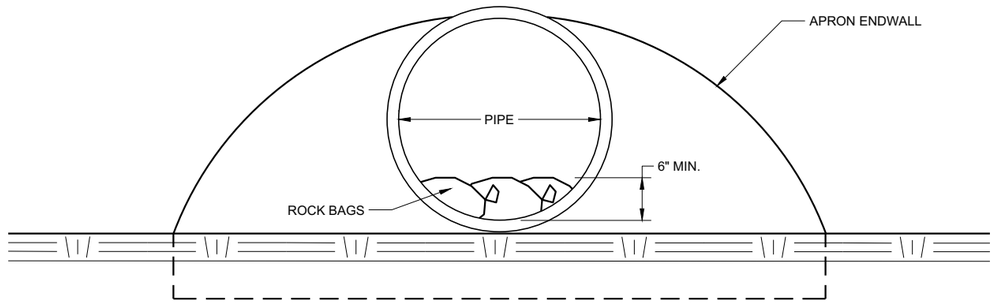
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE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

INLET PROTECTION
TYPE A, B, C, AND D

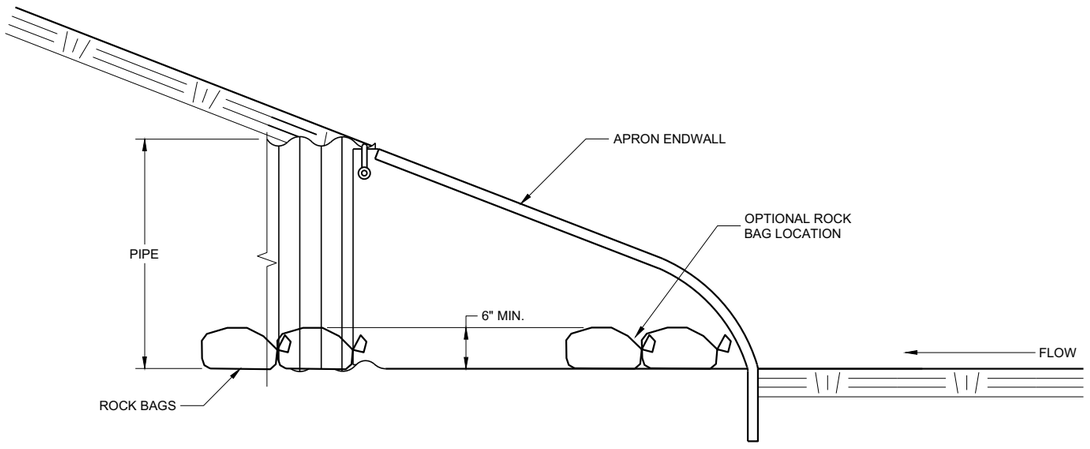
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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



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

METAL APRON ENDWALLS

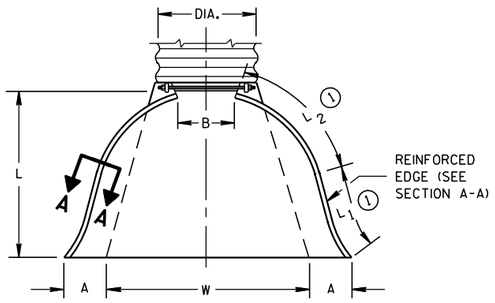
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	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

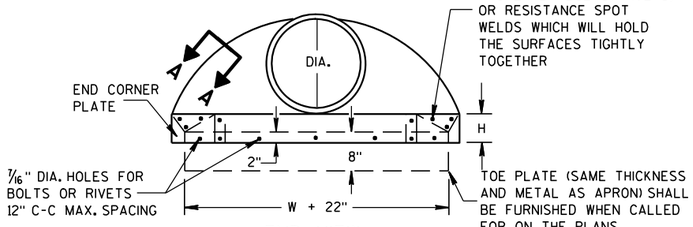
REINFORCED CONCRETE APRON ENDWALLS

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

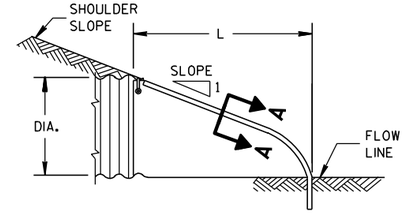
*MINIMUM
**MAXIMUM



PLAN VIEW

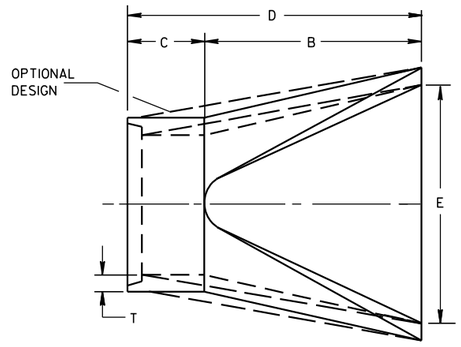


END VIEW

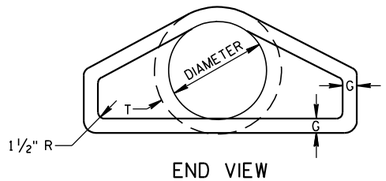


SIDE ELEVATION

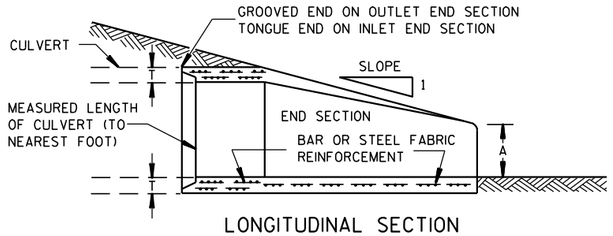
METAL ENDWALLS



PLAN

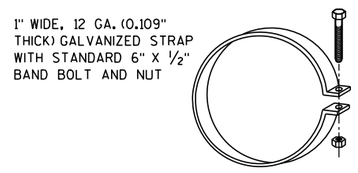


END VIEW



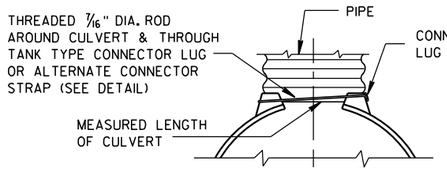
LONGITUDINAL SECTION

CONCRETE ENDWALLS

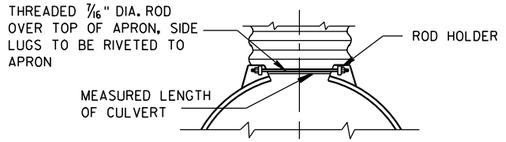


ALTERNATE FOR TYPE 1 CONNECTION

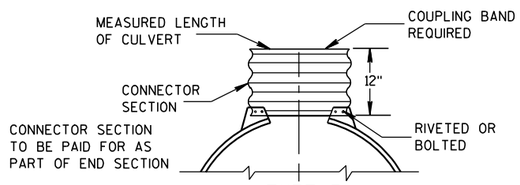
END SECTION CONNECTOR STRAP



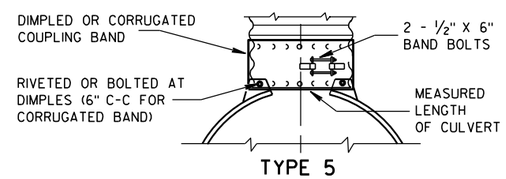
TYPE 1
FOR 12" THRU 24" CORR. PIPE



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

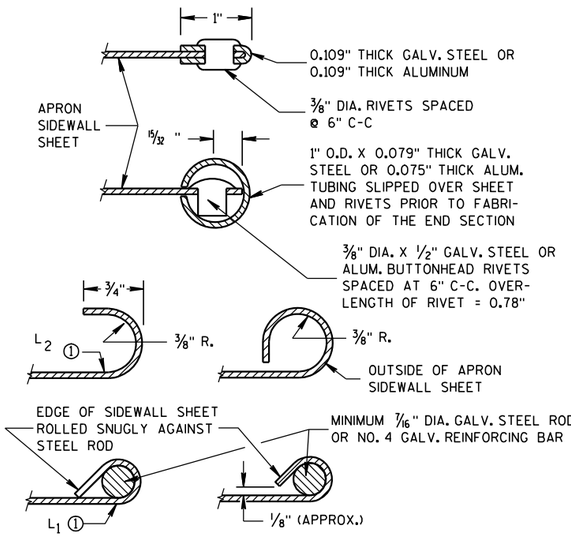
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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.

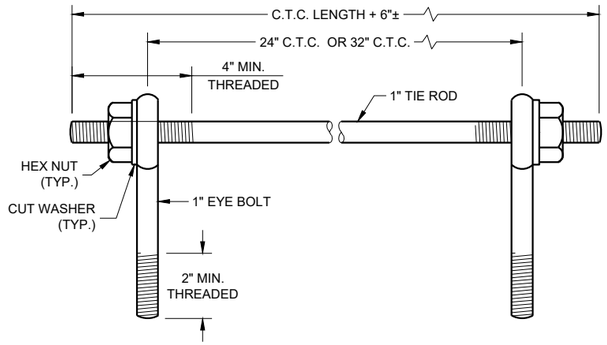
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

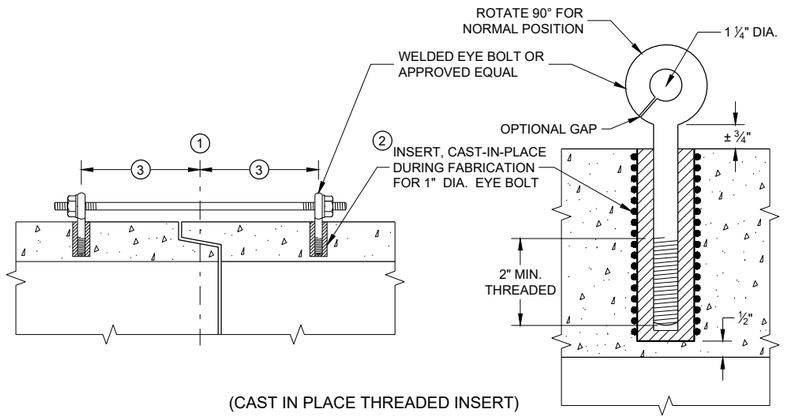
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

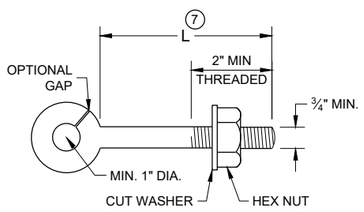
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

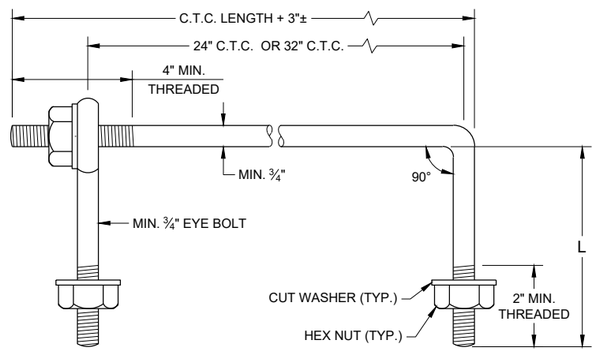
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

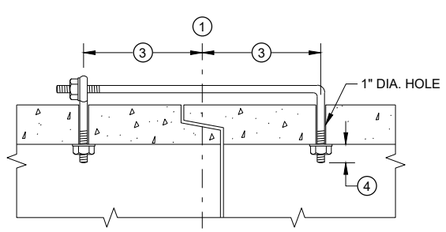


EYE BOLT (7)

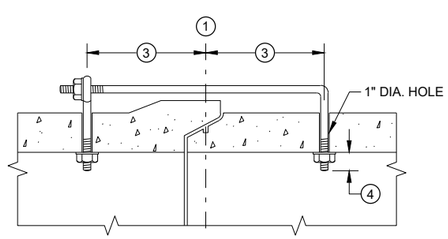
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

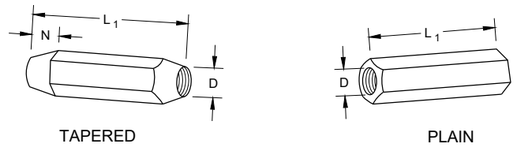
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

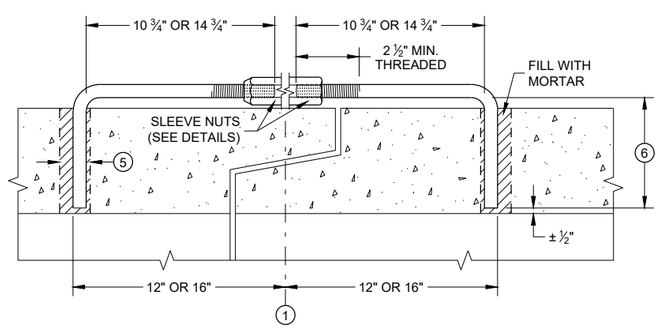
PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



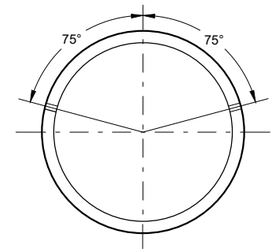
RIGHT AND LEFT THREADS

SLEEVE NUTS



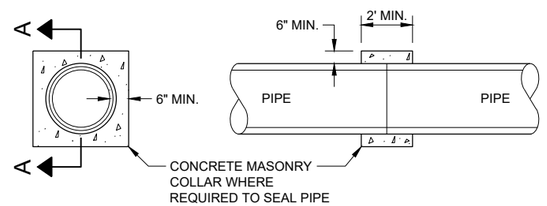
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

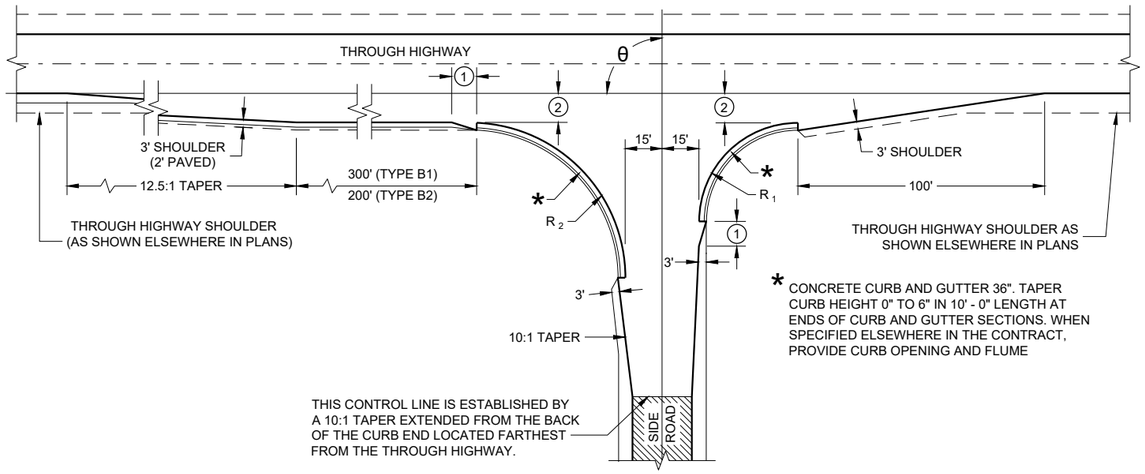
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 08F04 - 08



* CONCRETE CURB AND GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10' - 0" LENGTH AT ENDS OF CURB AND GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME

TYPE "B1" AND "B2"

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65 - 70	35	70
71 - 80	40	70
81 - 90	40	60
91 - 100	50	55
101 - 110	60	45

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

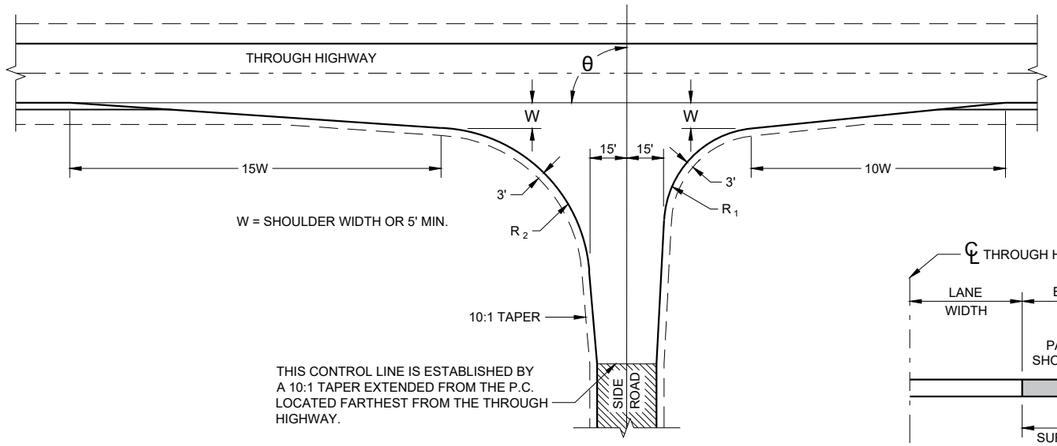
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

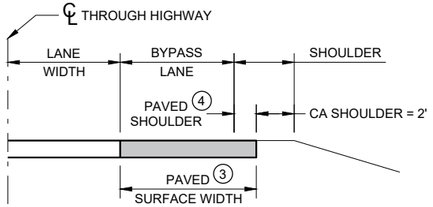
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

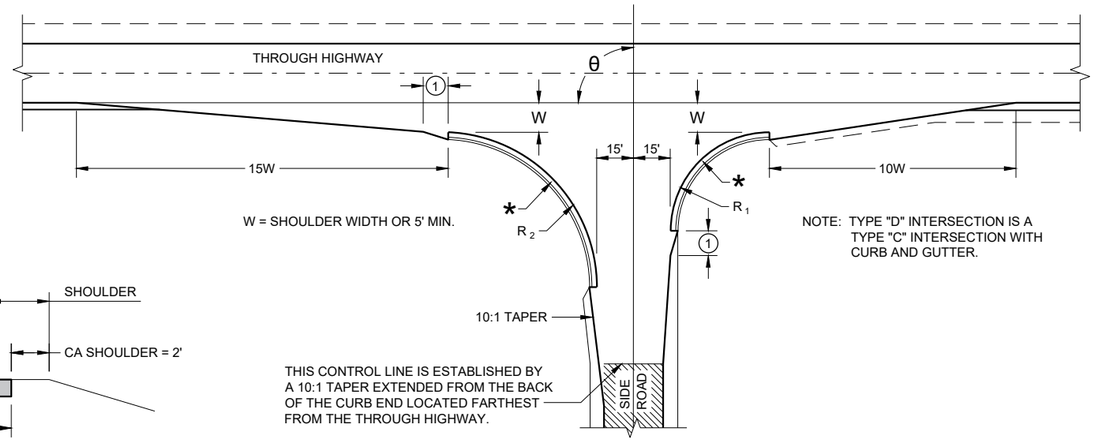
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

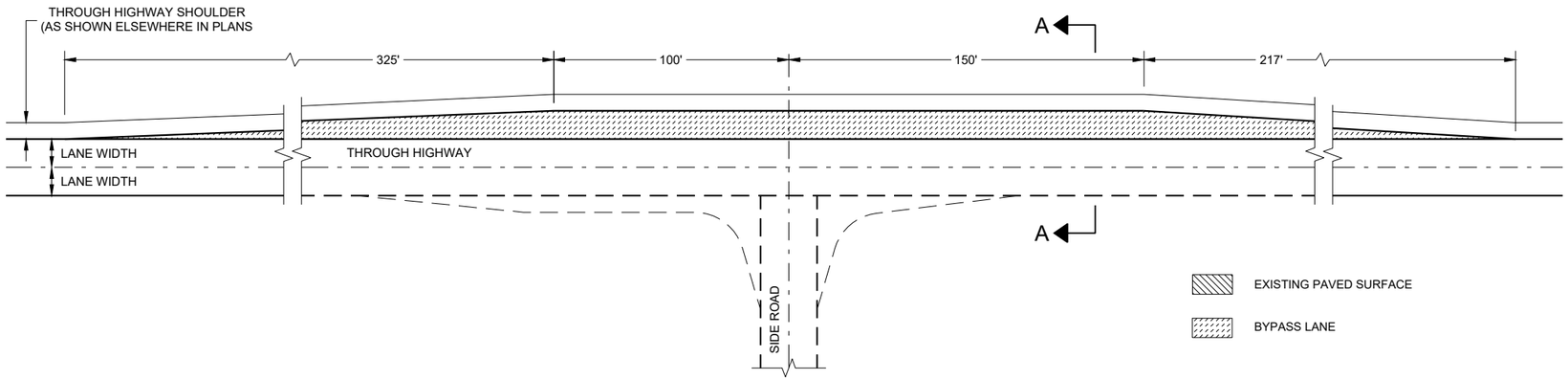


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



NOTE: TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB AND GUTTER.

TYPE "D"



TEE INTERSECTION BYPASS LANE DETAIL

AT GRADE SIDE ROAD INTERSECTION TYPES "B1", "B2", "C", "D" AND TEE INTERSECTION BYPASS LANE

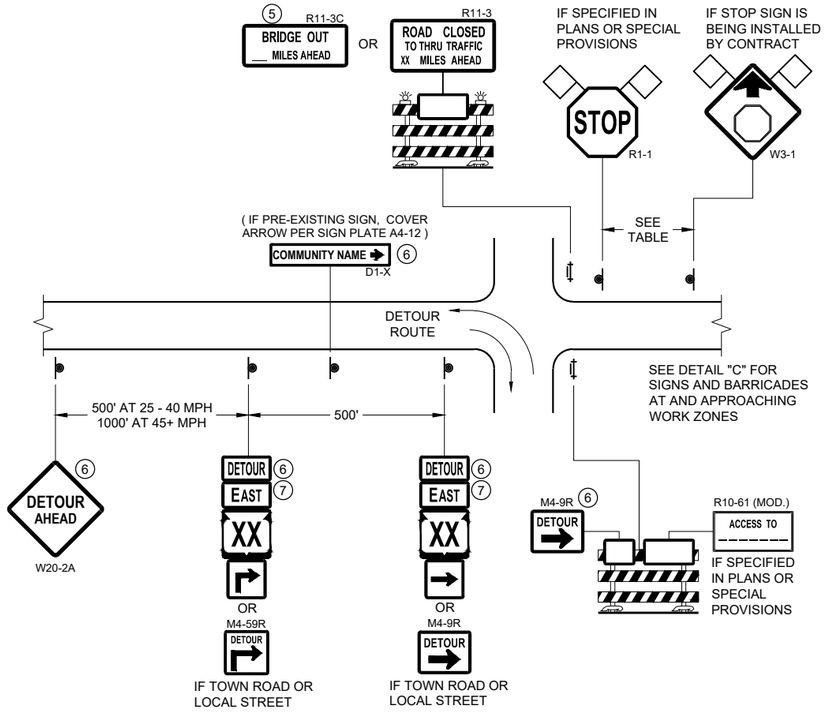
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 09A01 - 14a

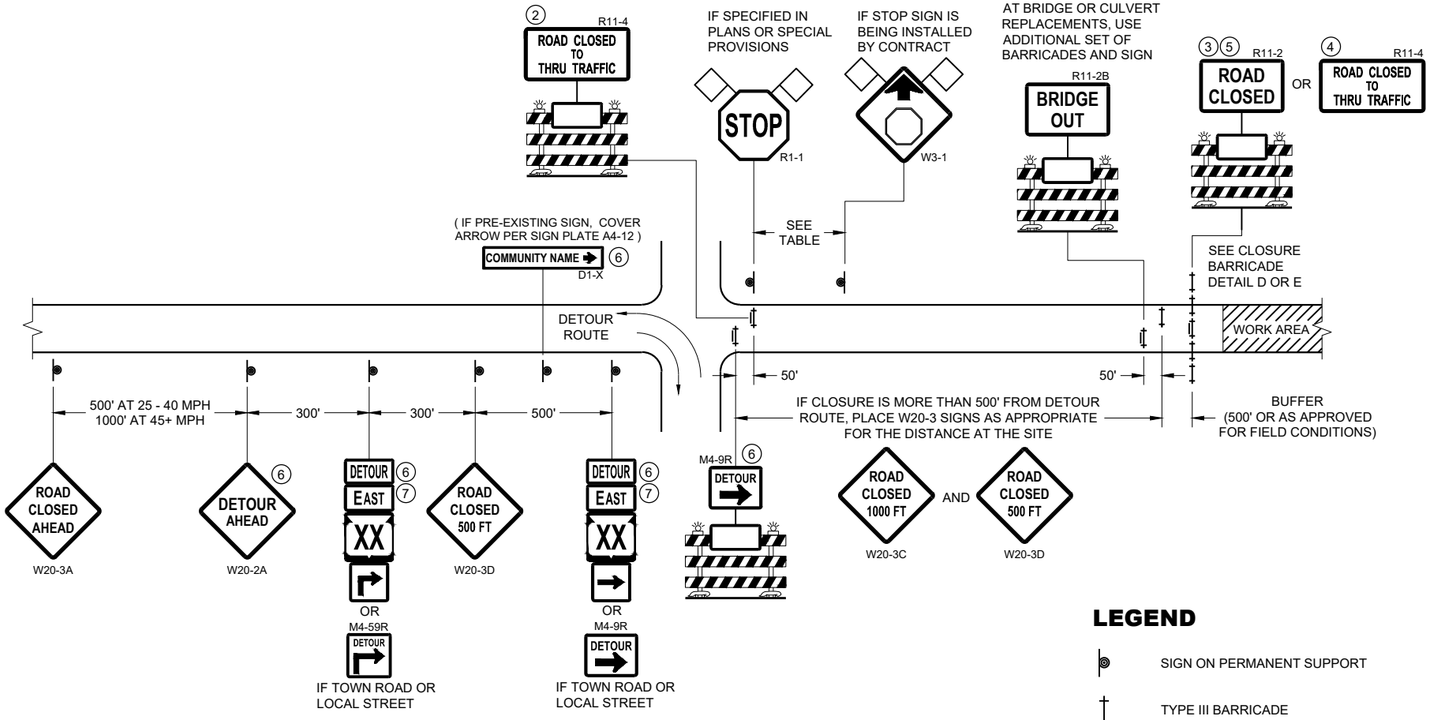
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SDD 09A01 - 14a



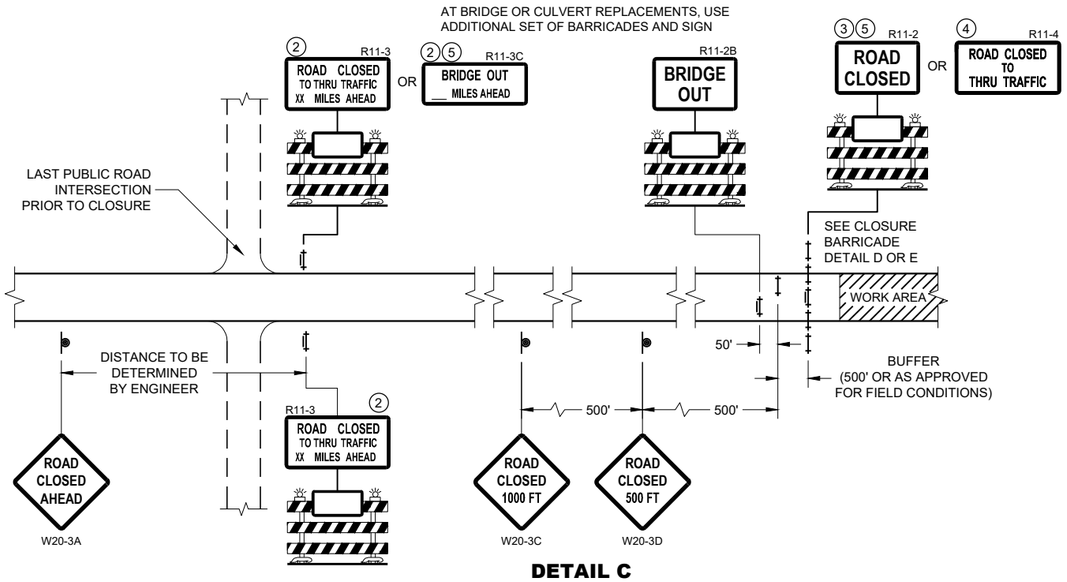
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b"
FOR GENERAL NOTES
AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

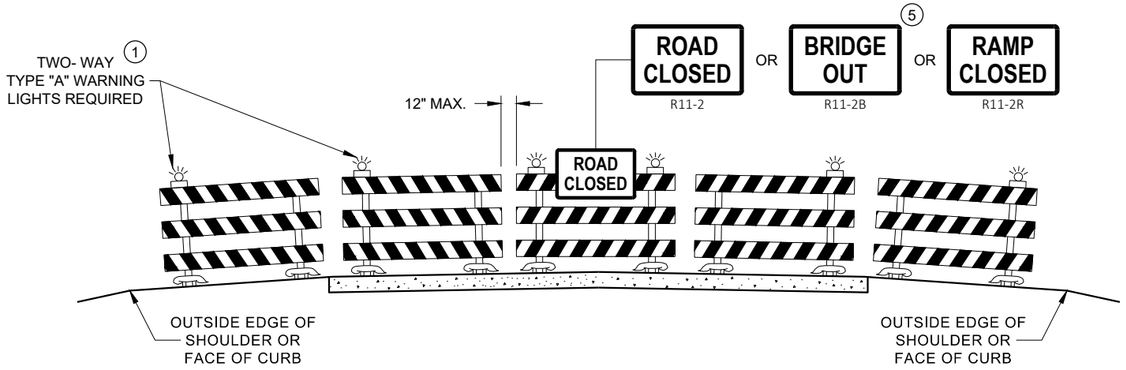
APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

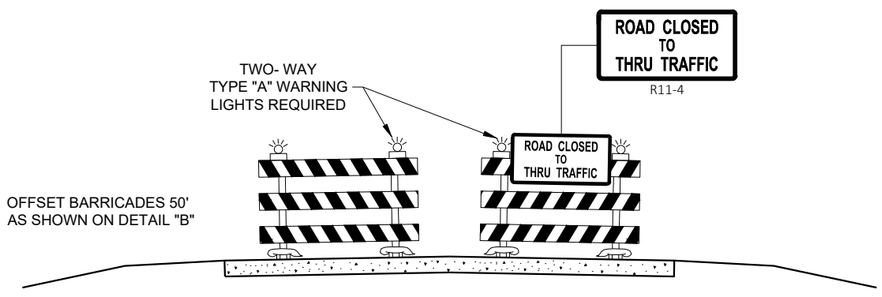
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SDD 15C02 - 09a

SDD 15C02 - 09a



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.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"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"

(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
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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SDD 15C02 - 09b

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SDD 15C02 - 09b

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.

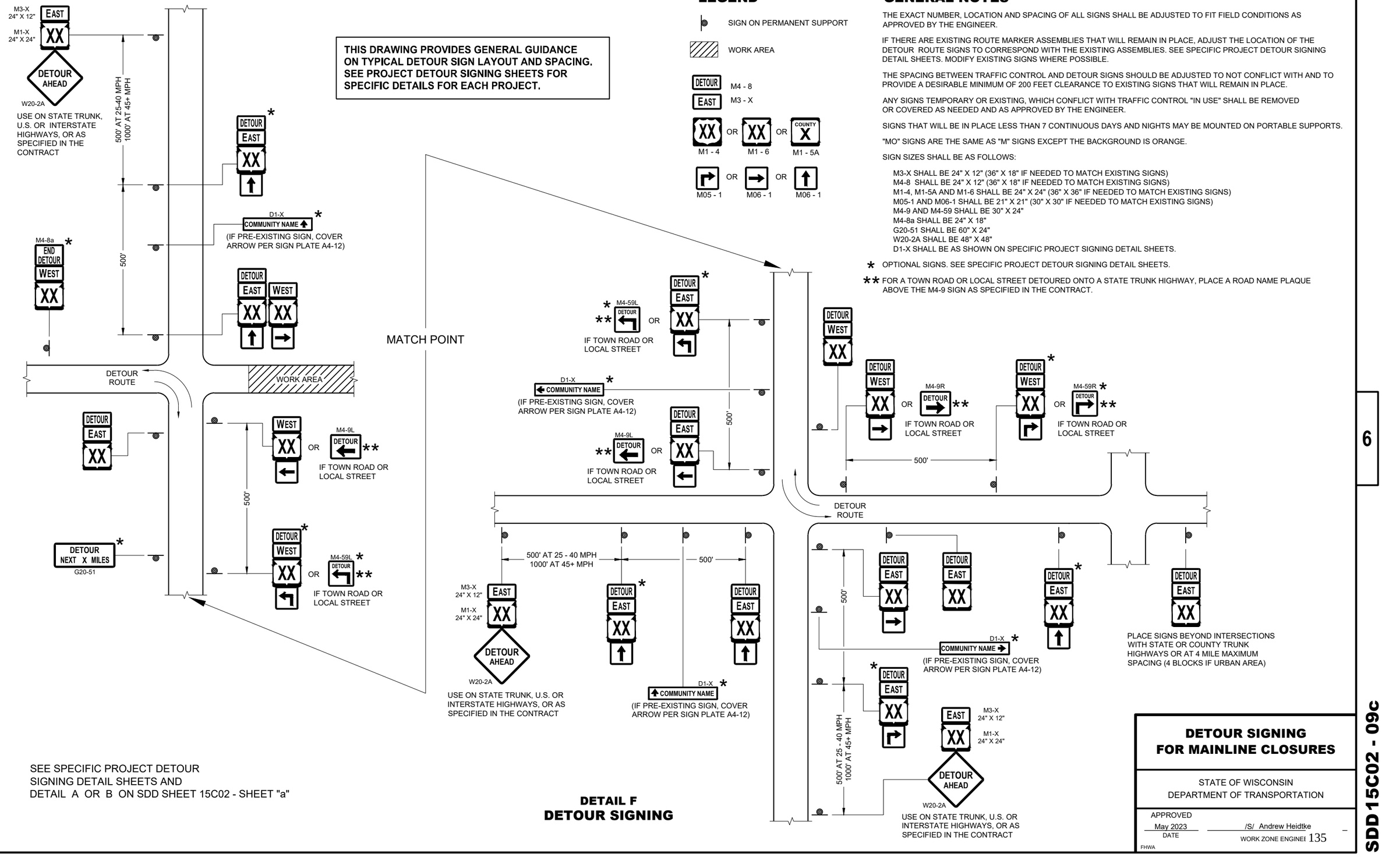
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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

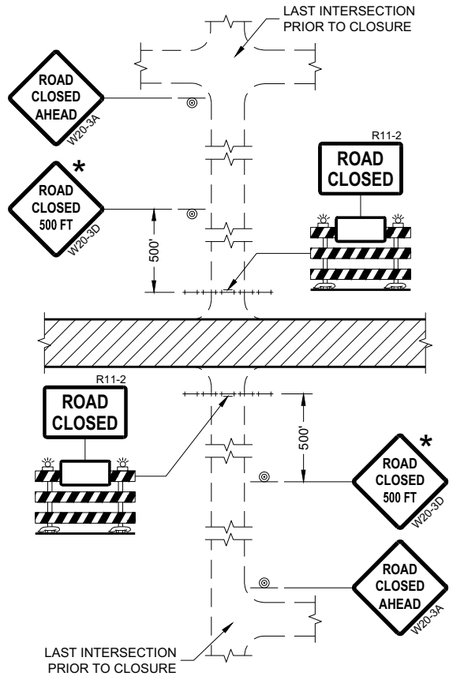
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

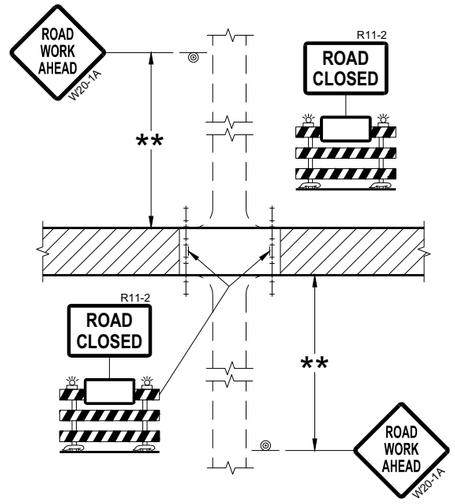
FHWA

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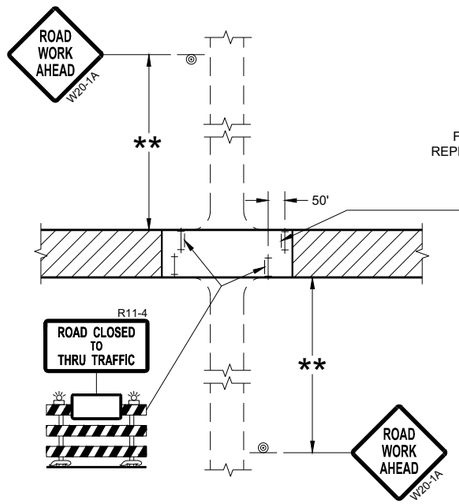
SDD 15C02 - 09c



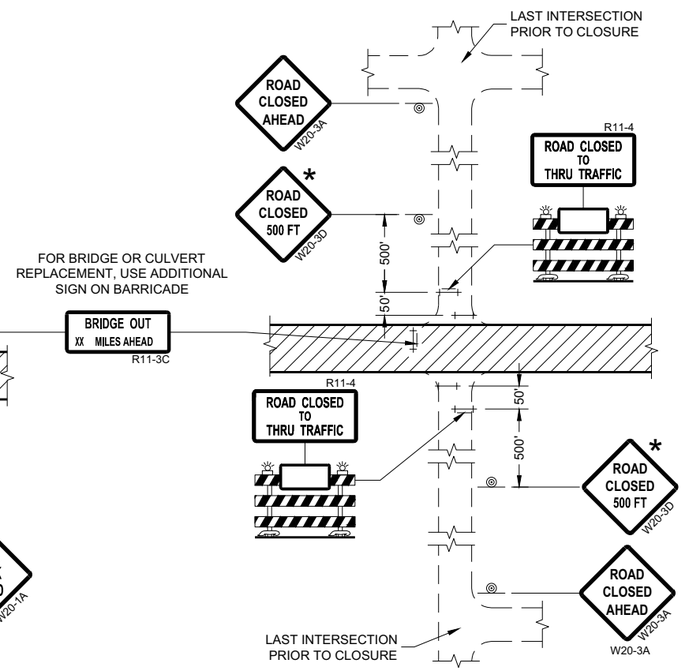
DETAIL 1
(NO ACCESS TO PROJECT)



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

6

SDD 15C03 - 05

GENERAL NOTES

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

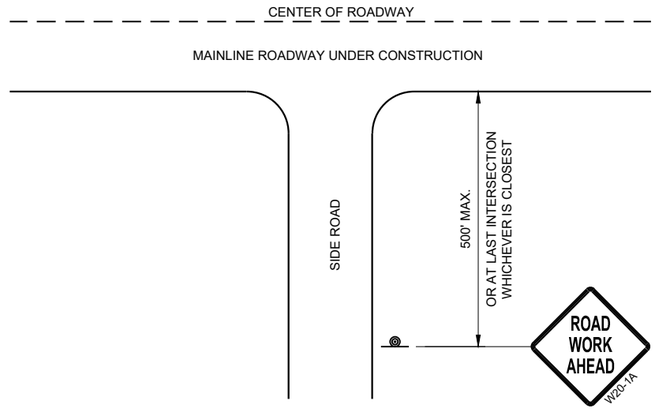
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

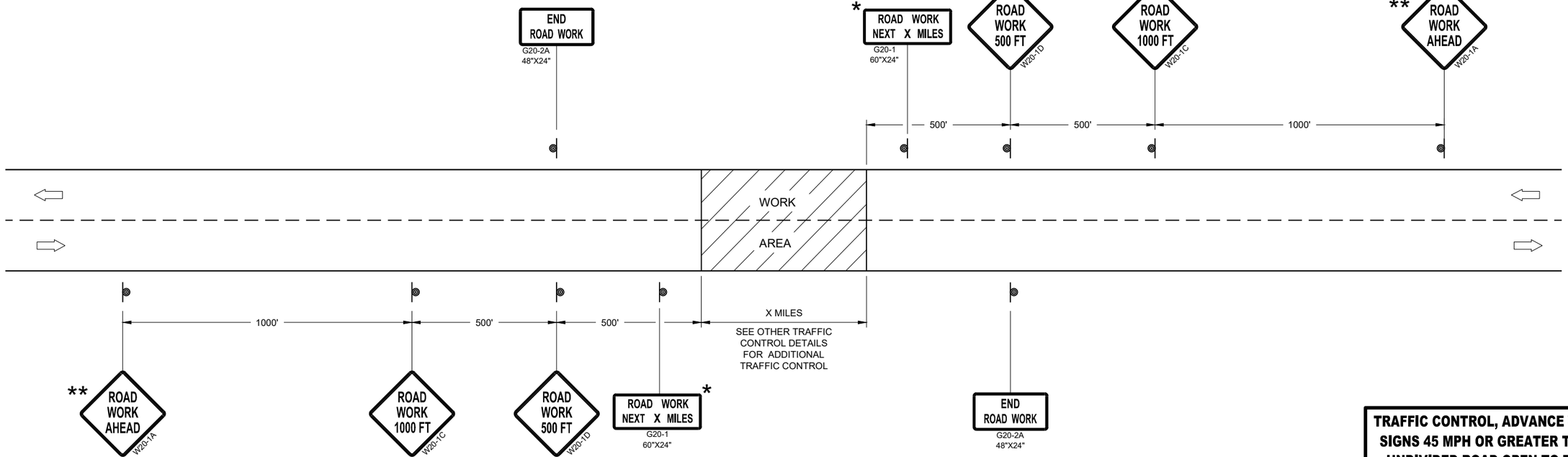
** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

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

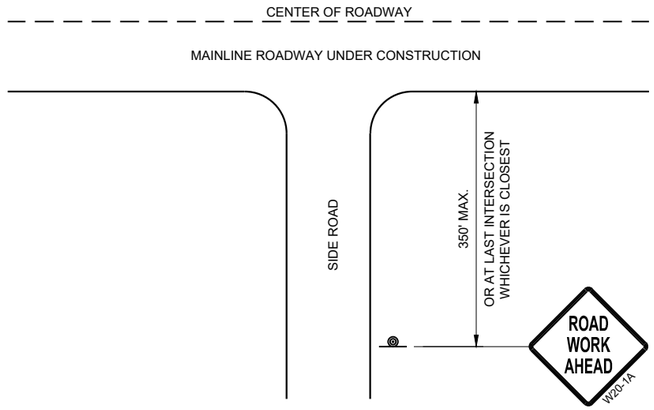
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

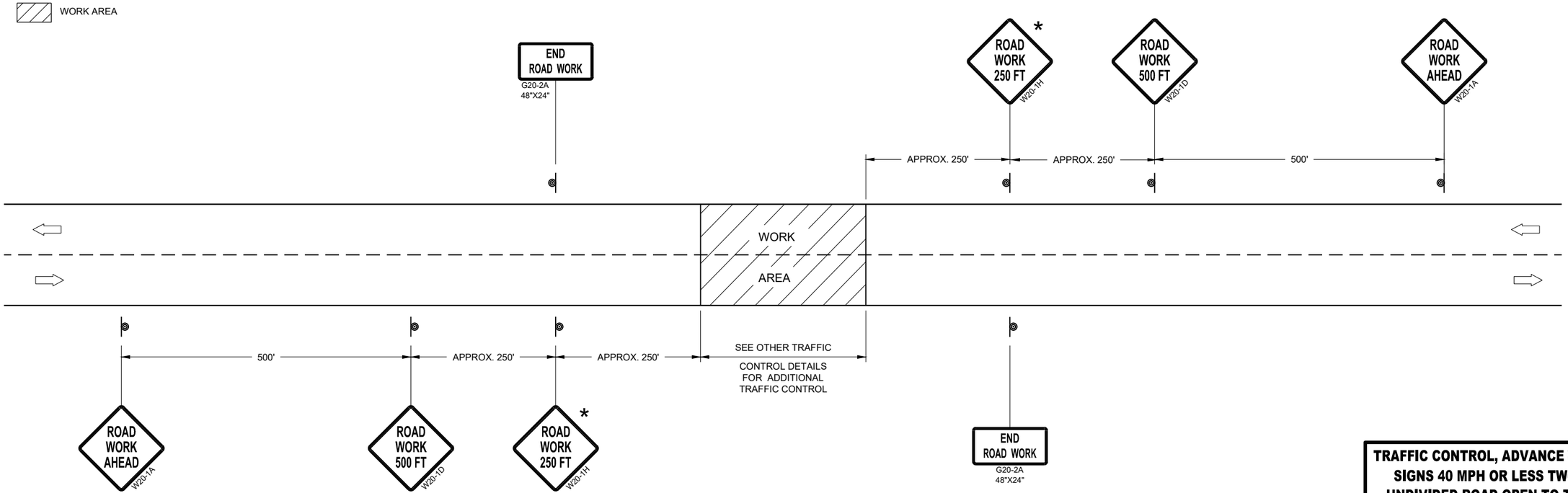
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

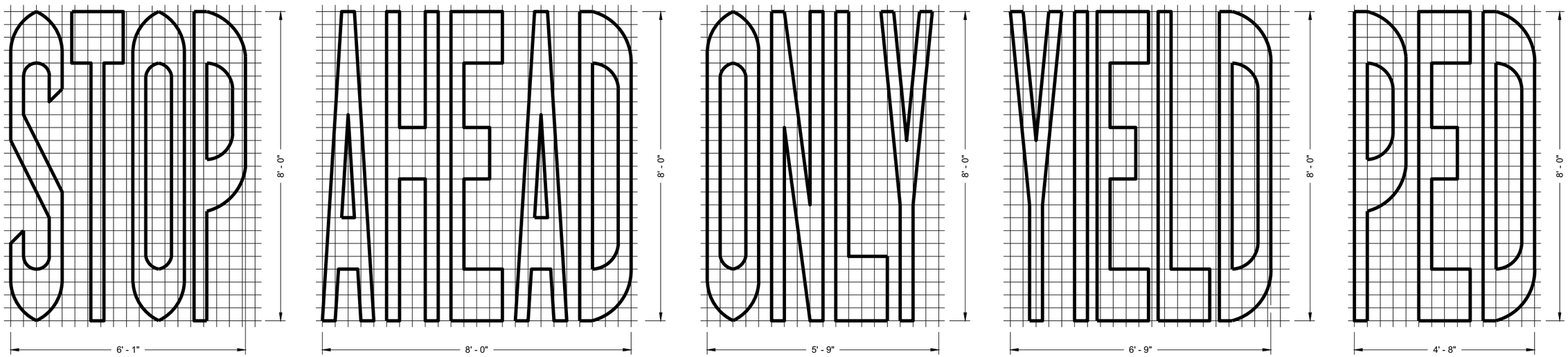
APPROVED
July 2018
DATE

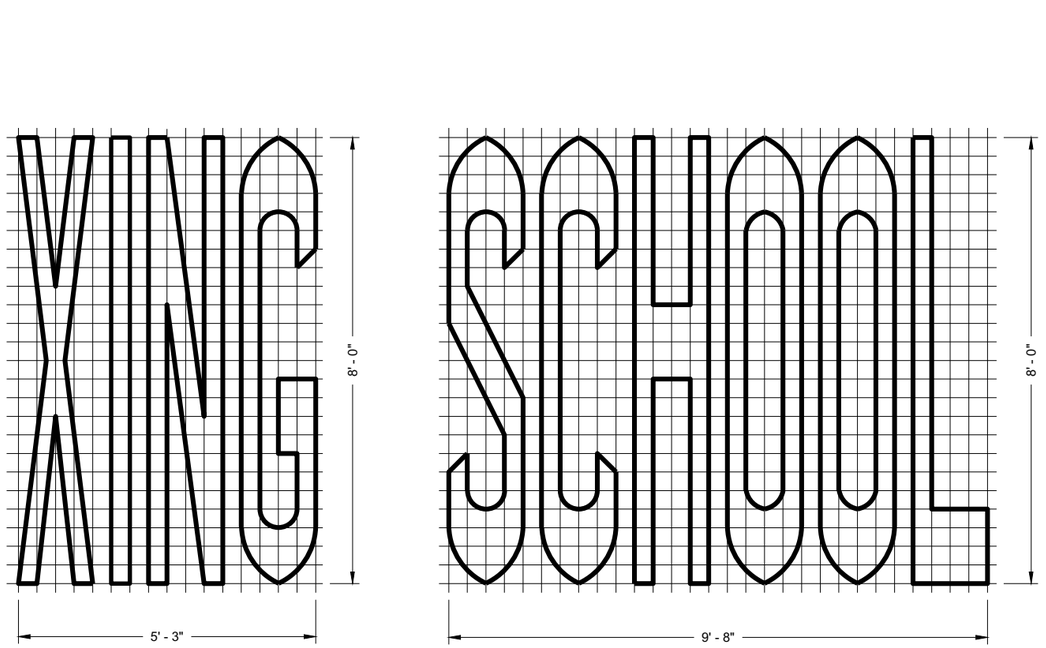
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

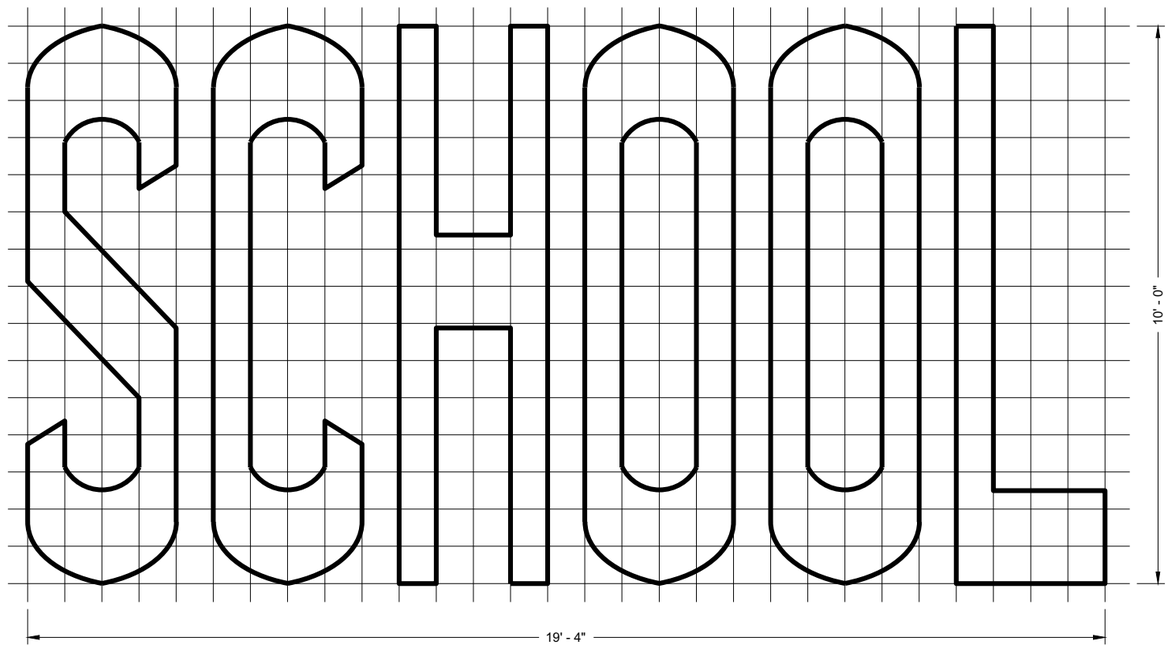
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SDD 15C05 - 05





SINGLE LANE



TWO - LANE

GENERAL NOTES

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

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

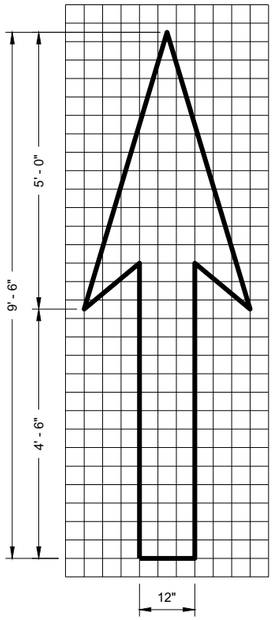
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SDD 15C07 - 15b

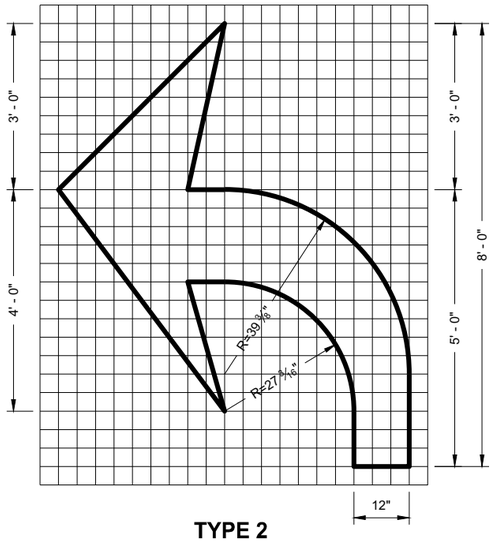
SDD 15C07 - 15b

GENERAL NOTES

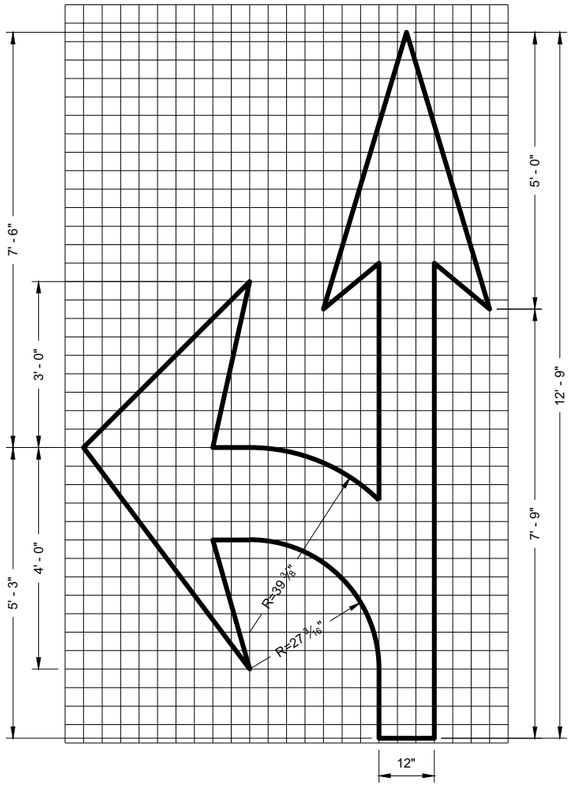
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



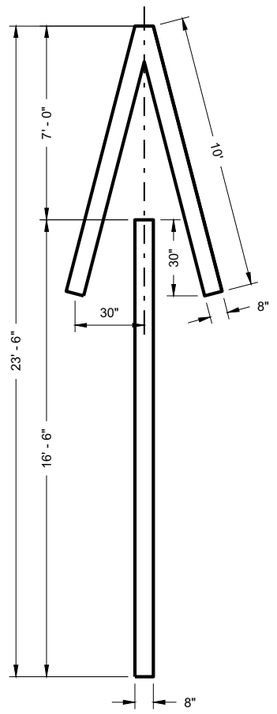
TYPE 1



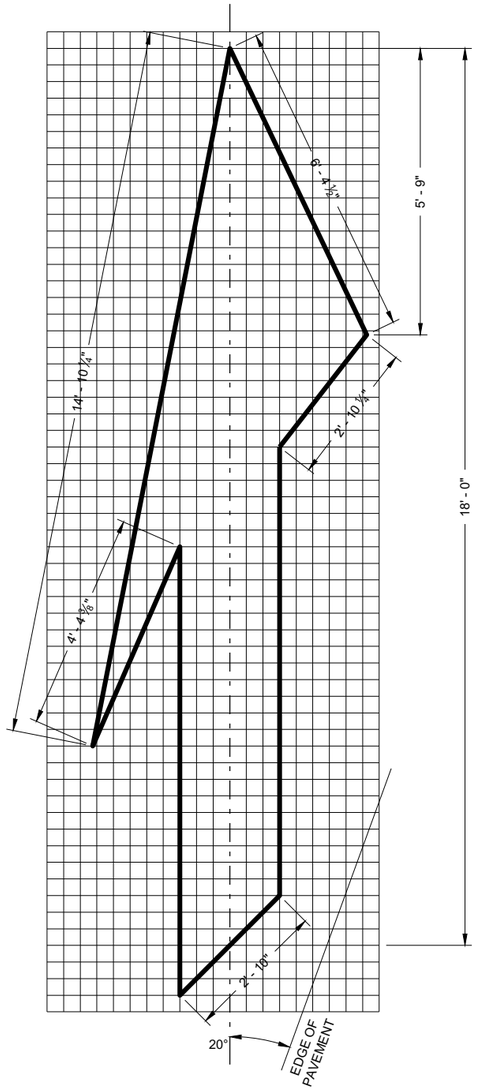
TYPE 2



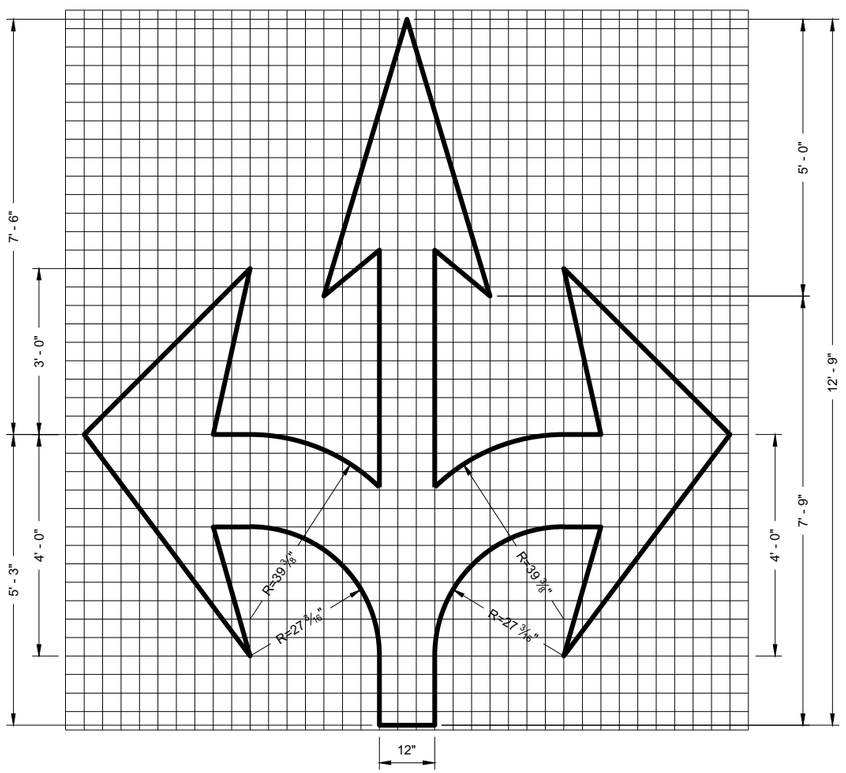
TYPE 3



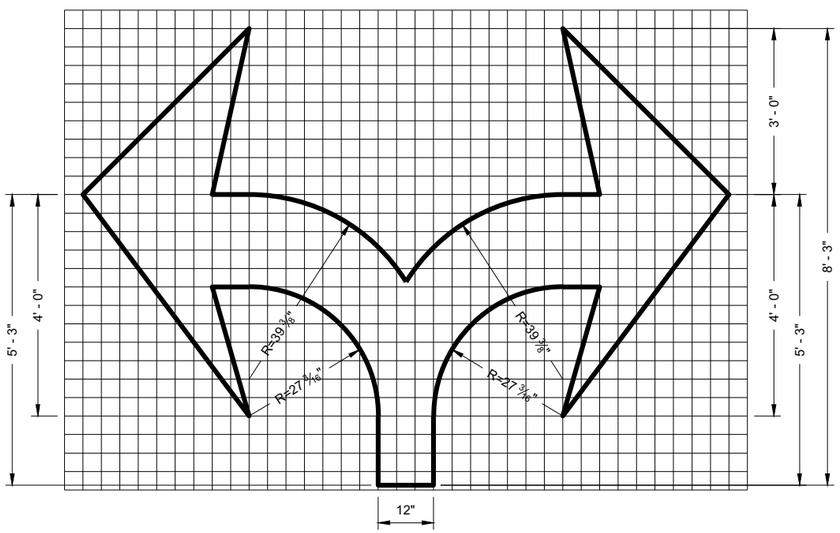
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

6

SDD 15C07 - 15c

6

SDD 15C07 - 15c

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

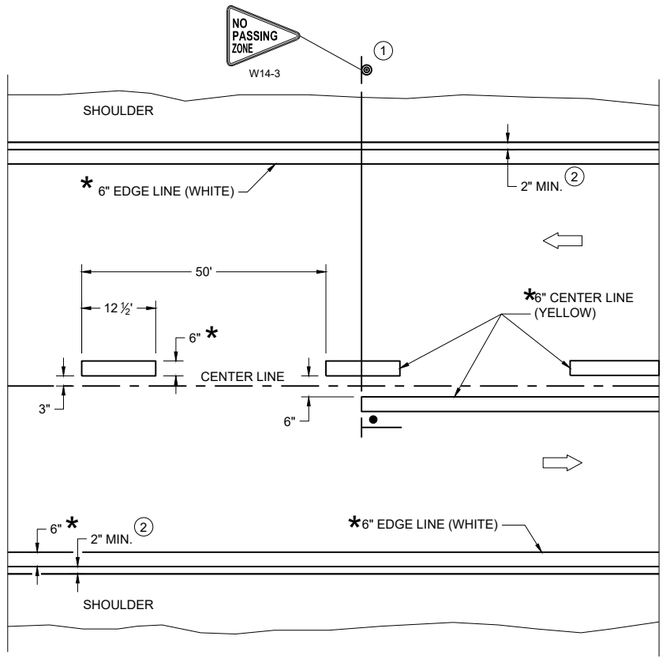
LEGEND

"T" MARKING

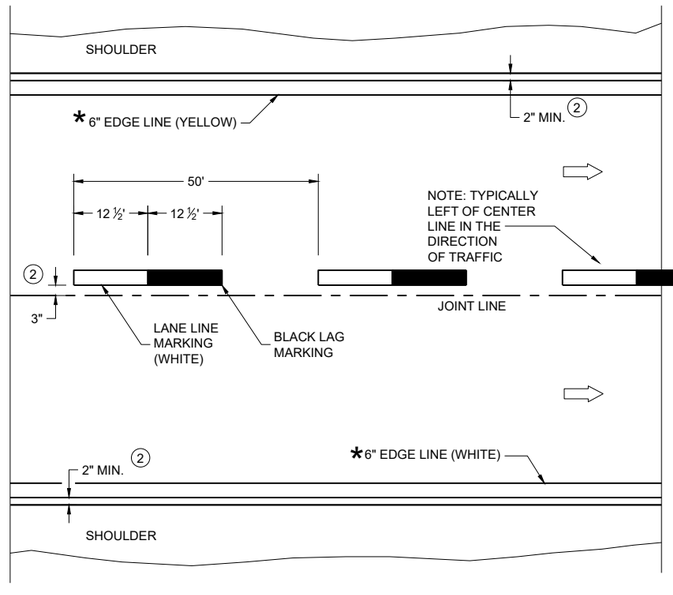
SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

SDD 15C08-23a

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

6

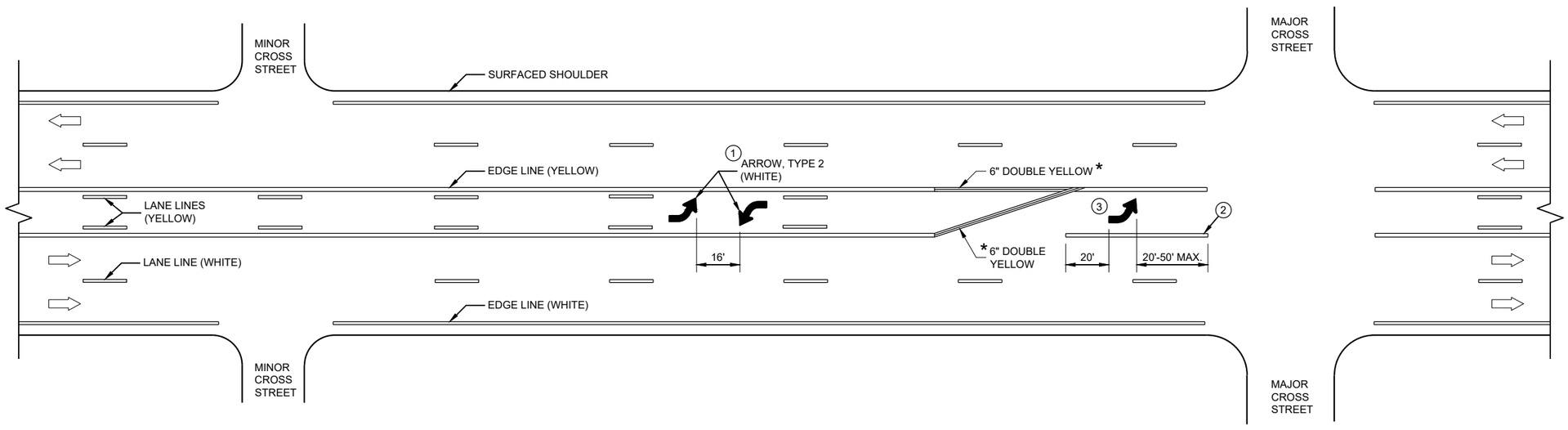
SDD 15C08-23a

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

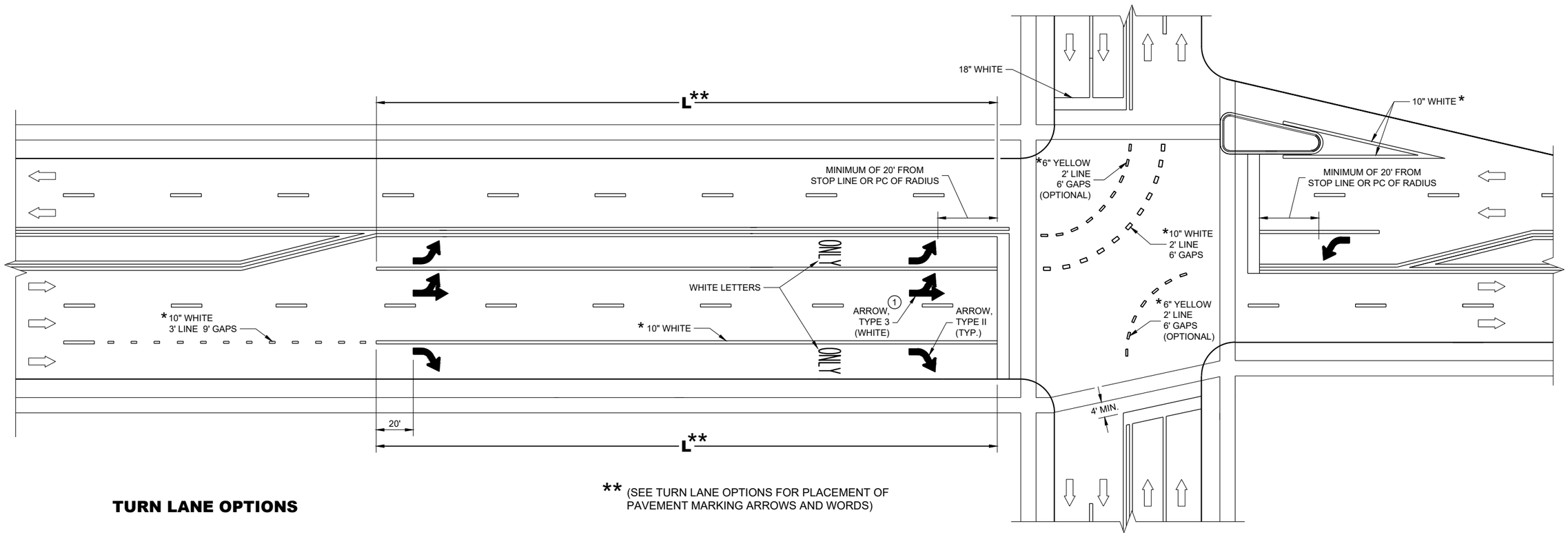
SDD 15C08-23c

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA· 142

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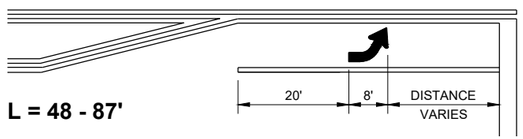
SDD 15C08-23c



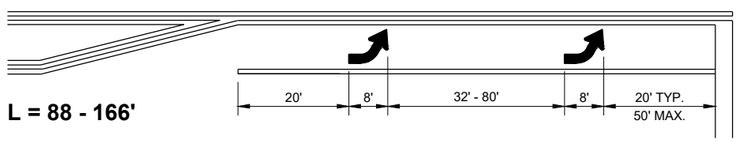
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

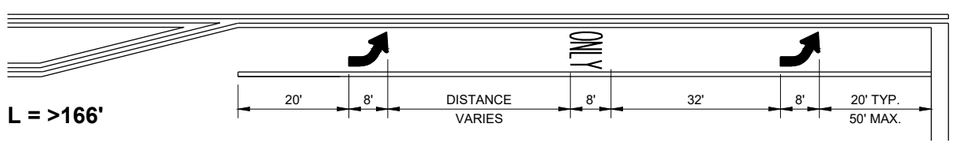
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



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

6

SDD 15C08-23d

SDD 15C08-23d

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.

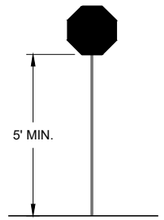
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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

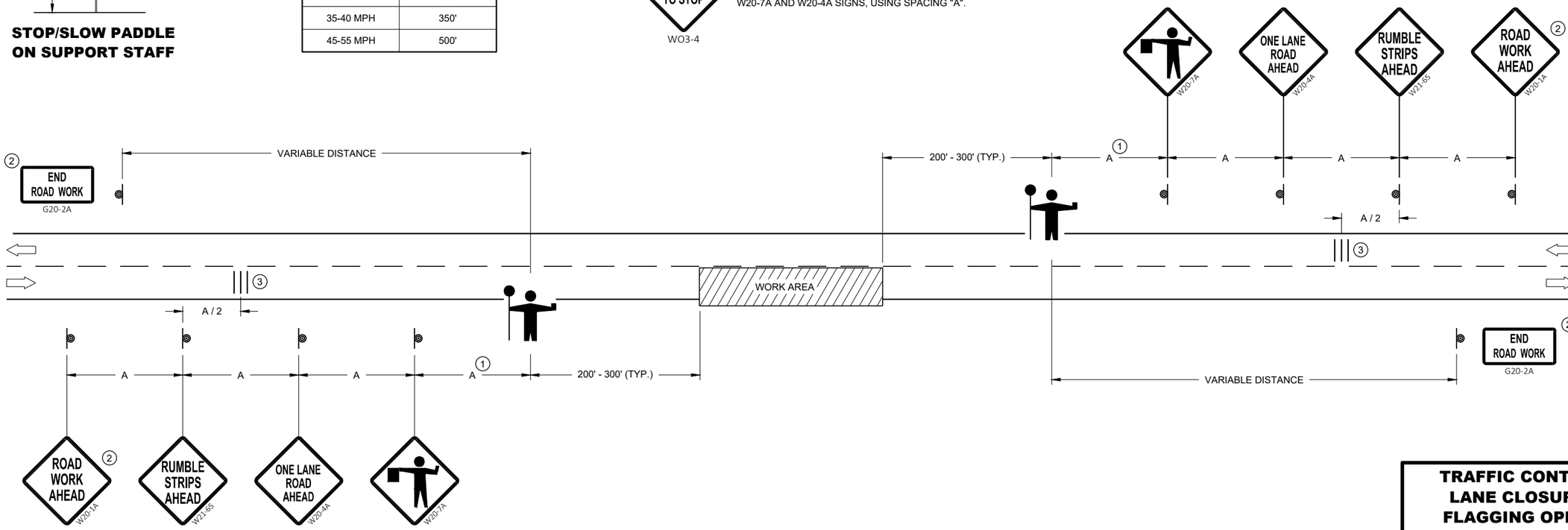
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

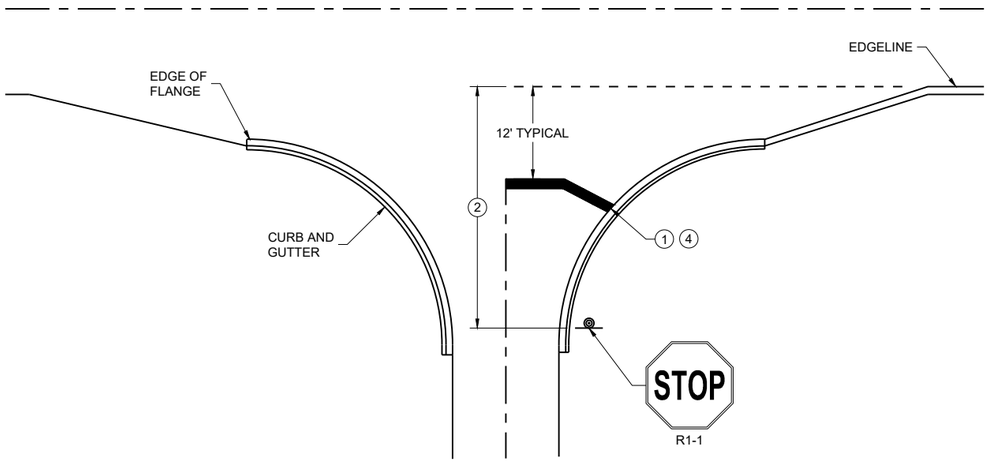
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SDD 15C12 - 09a

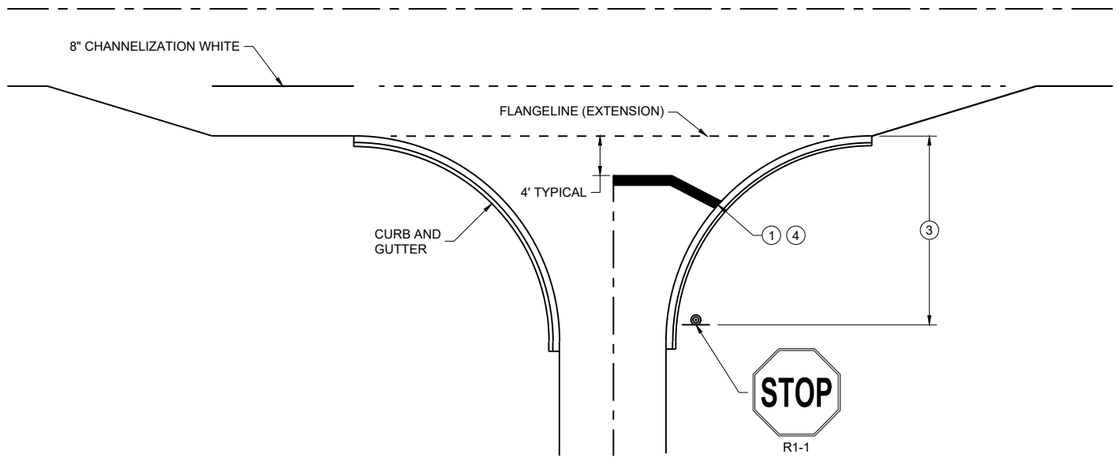
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

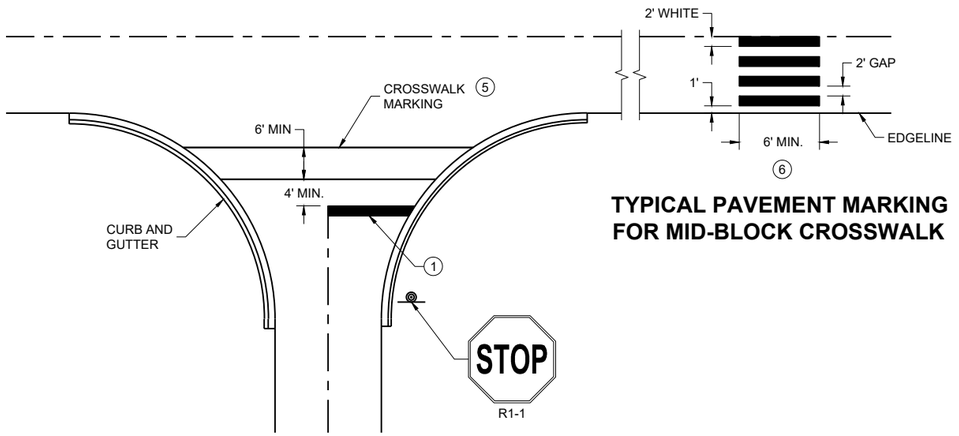
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE 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

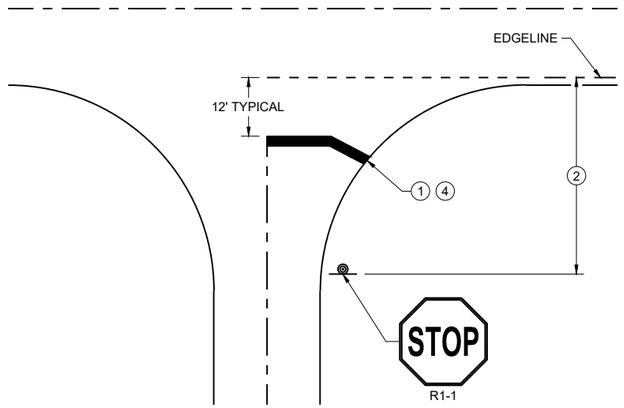


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



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

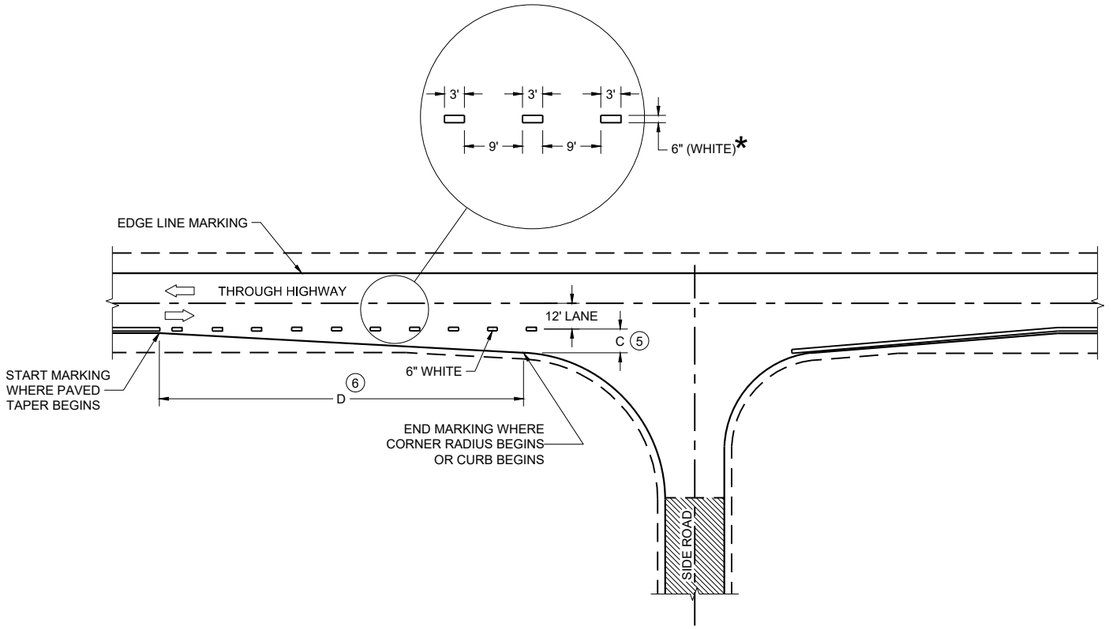
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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SDD 15C33-05



MINOR INTERSECTION

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

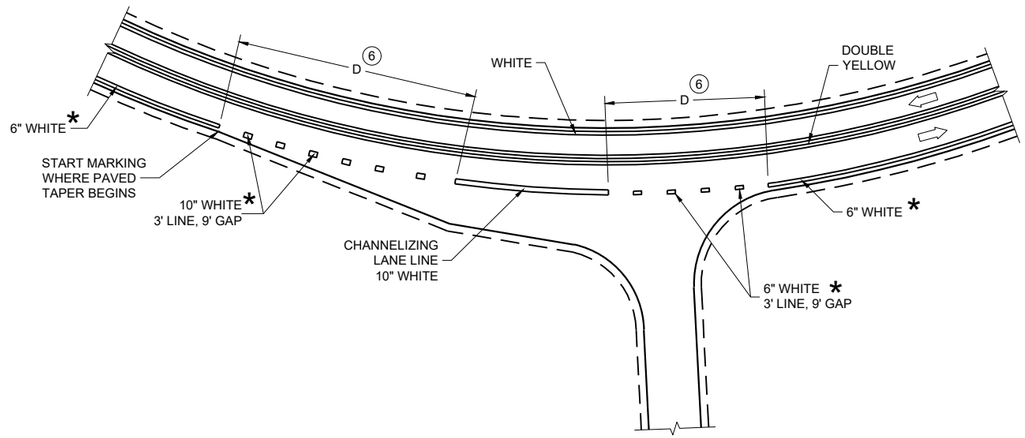
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

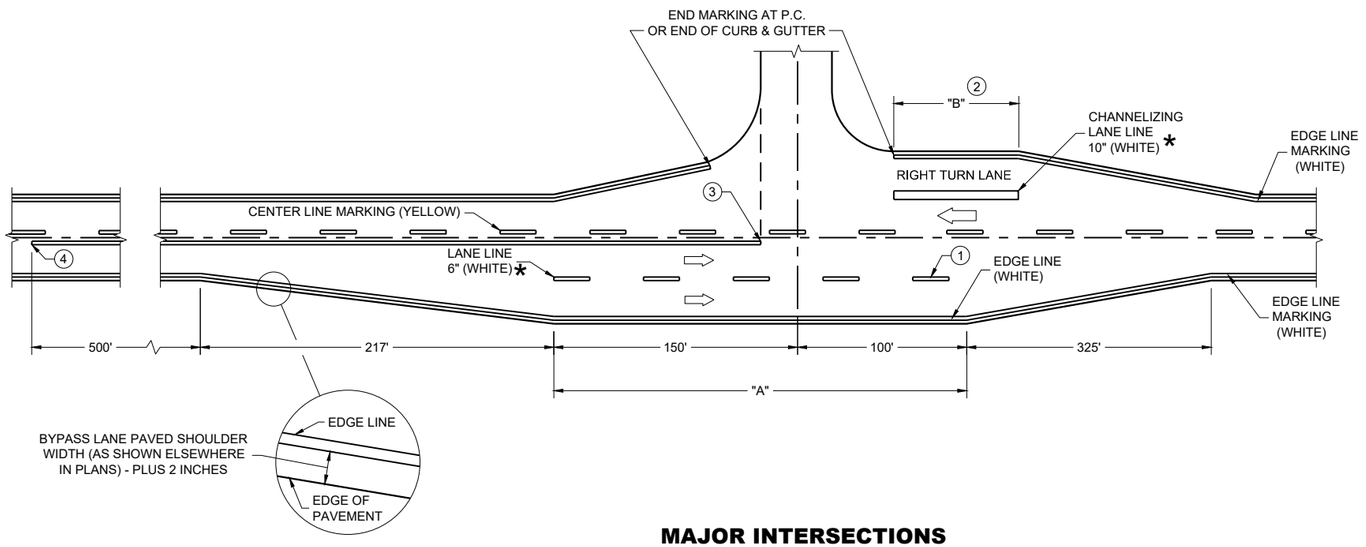
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

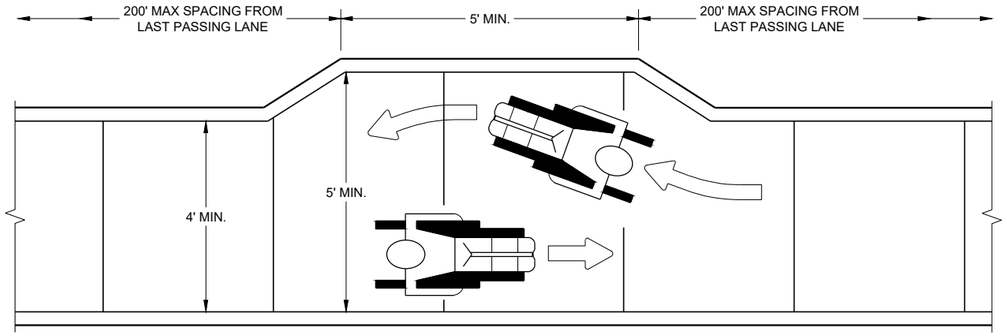
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

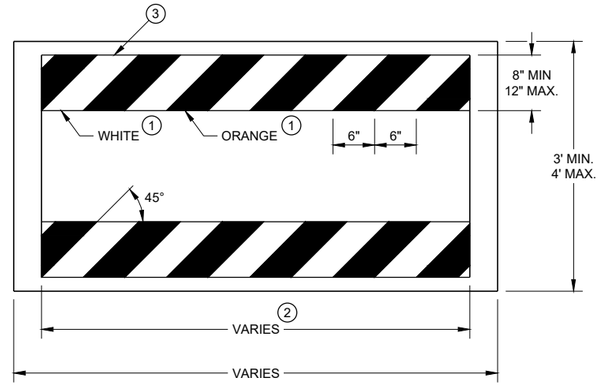
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

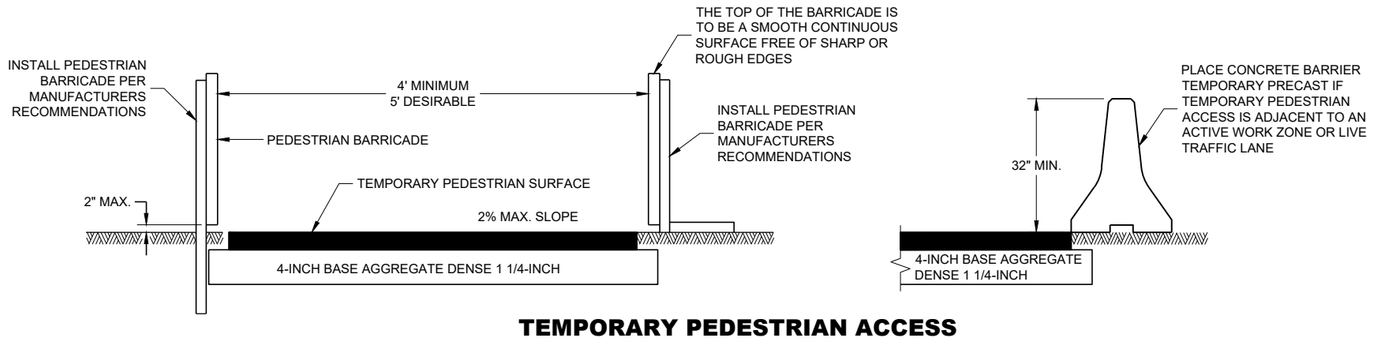
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



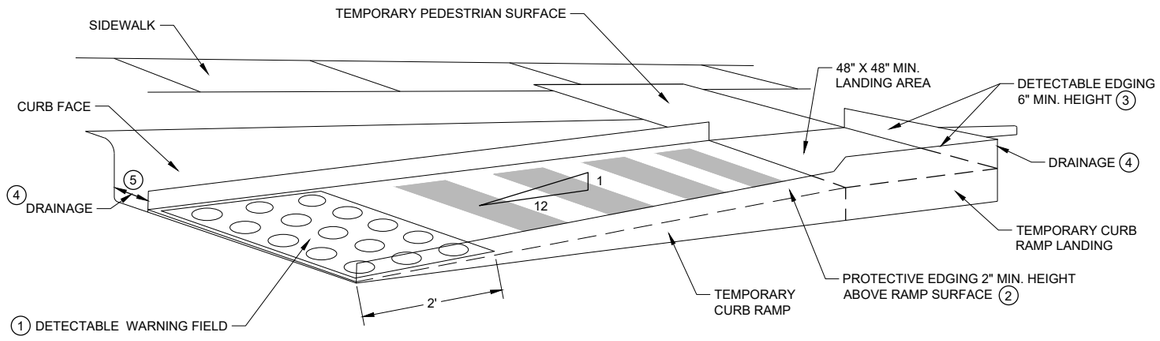
TEMPORARY PEDESTRIAN BARRICADE*



TEMPORARY PEDESTRIAN ACCESS

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6
SDD 15D30 - 09a



PERSPECTIVE VIEW

GENERAL NOTES

CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.

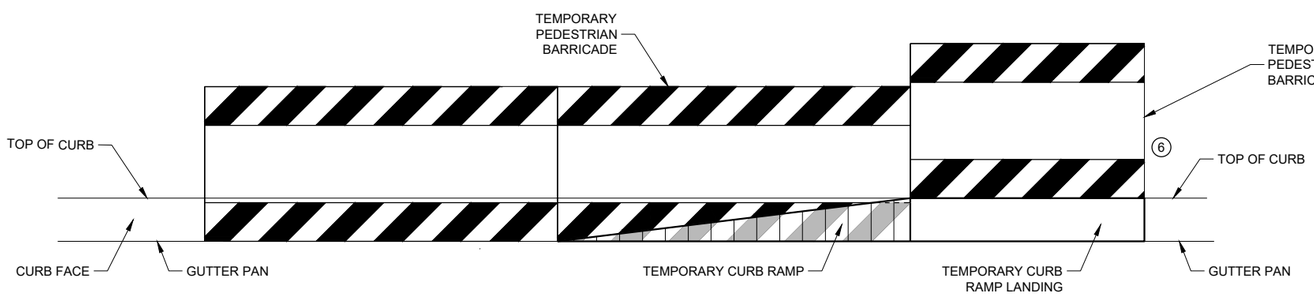
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

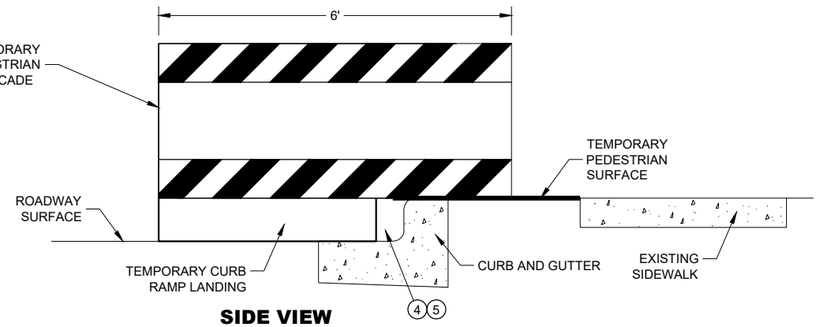
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.

(6) IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



FRONT VIEW



SIDE VIEW

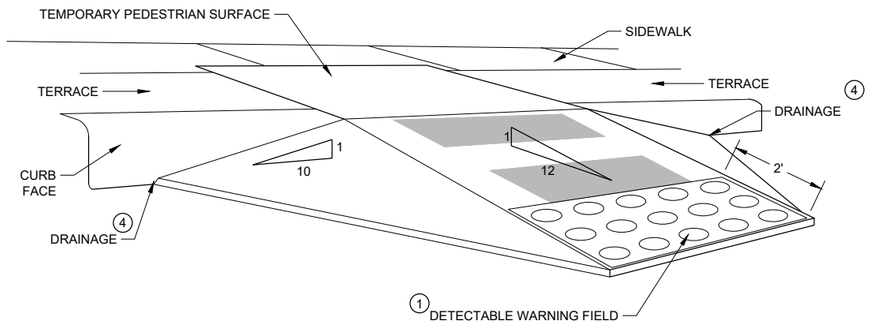
TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

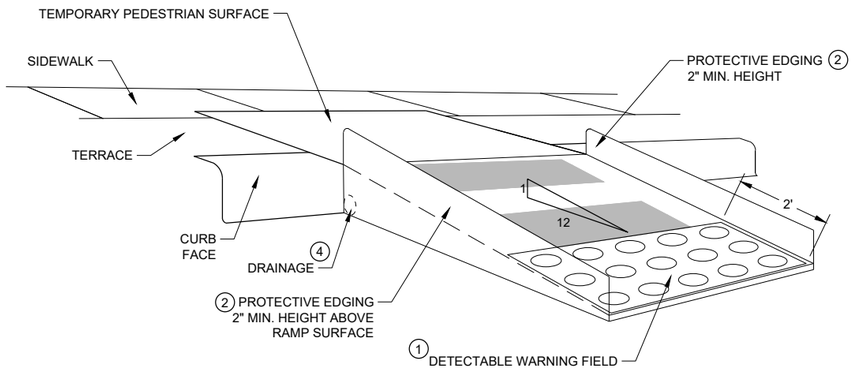
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

SDD 15D30 - 09b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES

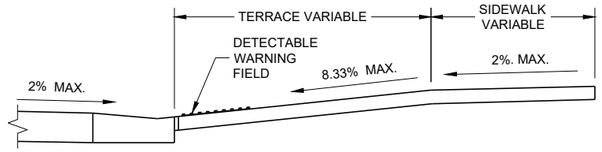
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

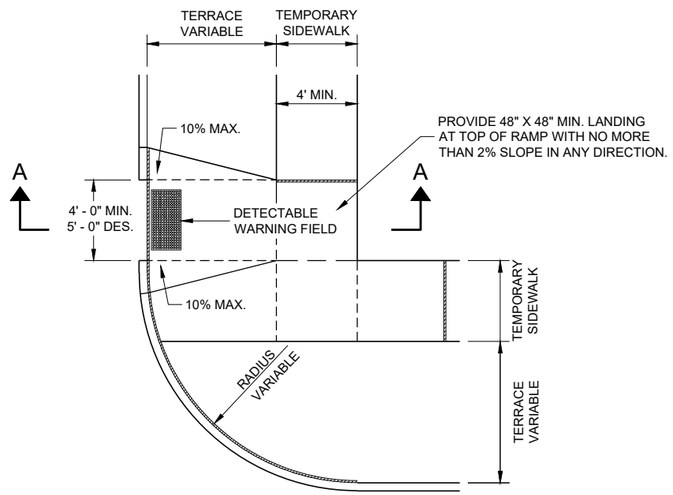
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



SECTION A - A



PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D30-09d

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

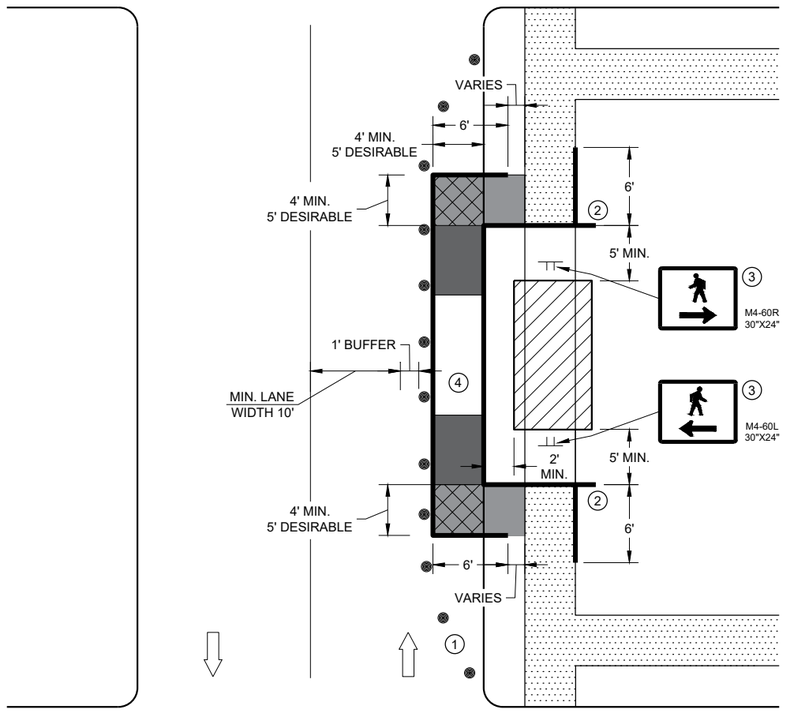
GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.
2. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.
4. USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



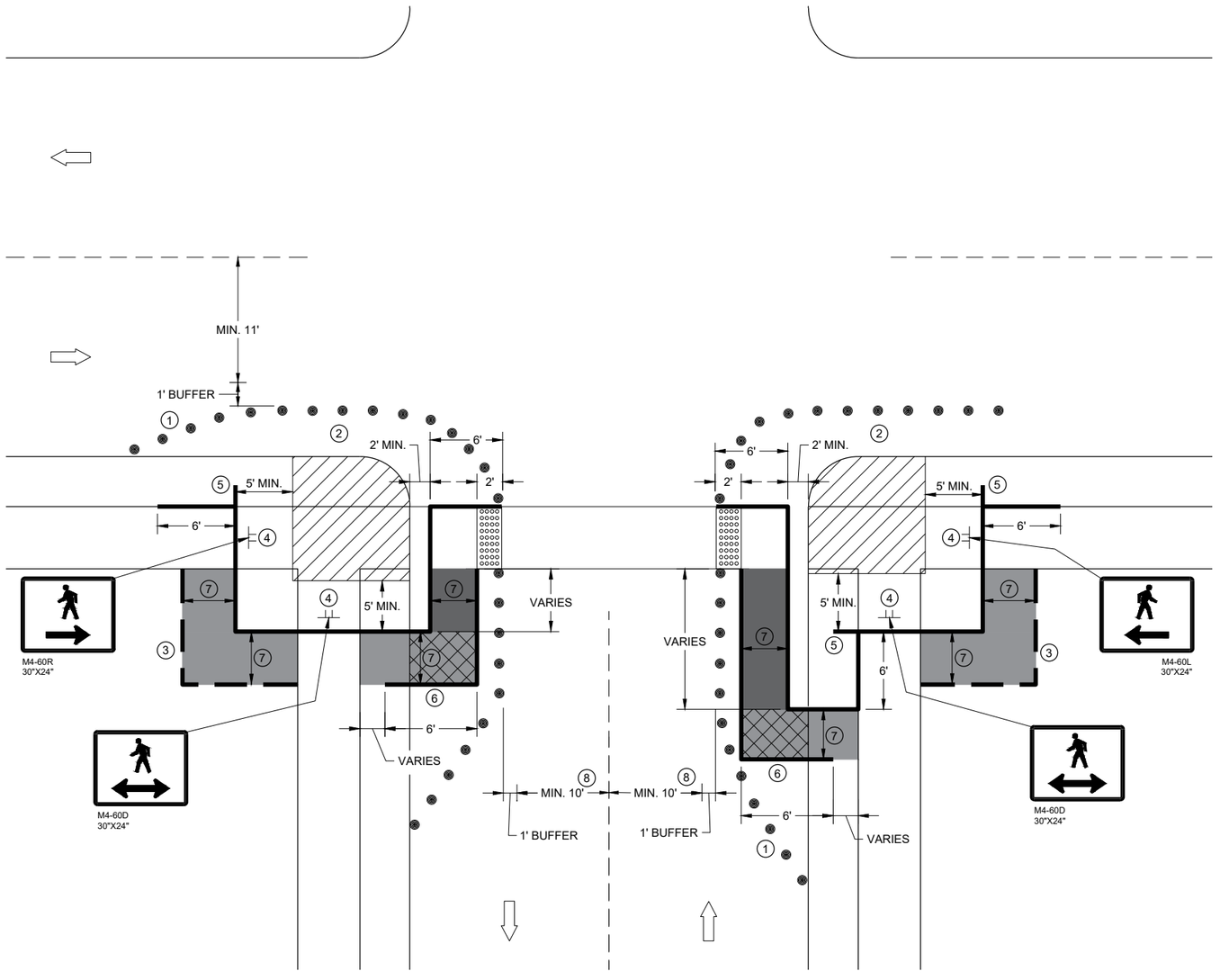
SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS

(3) USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.

(4) MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.

(5) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.

(6) IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.

(7) 4 FEET MINIMUM, 5 FEET DESIRABLE

(8) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

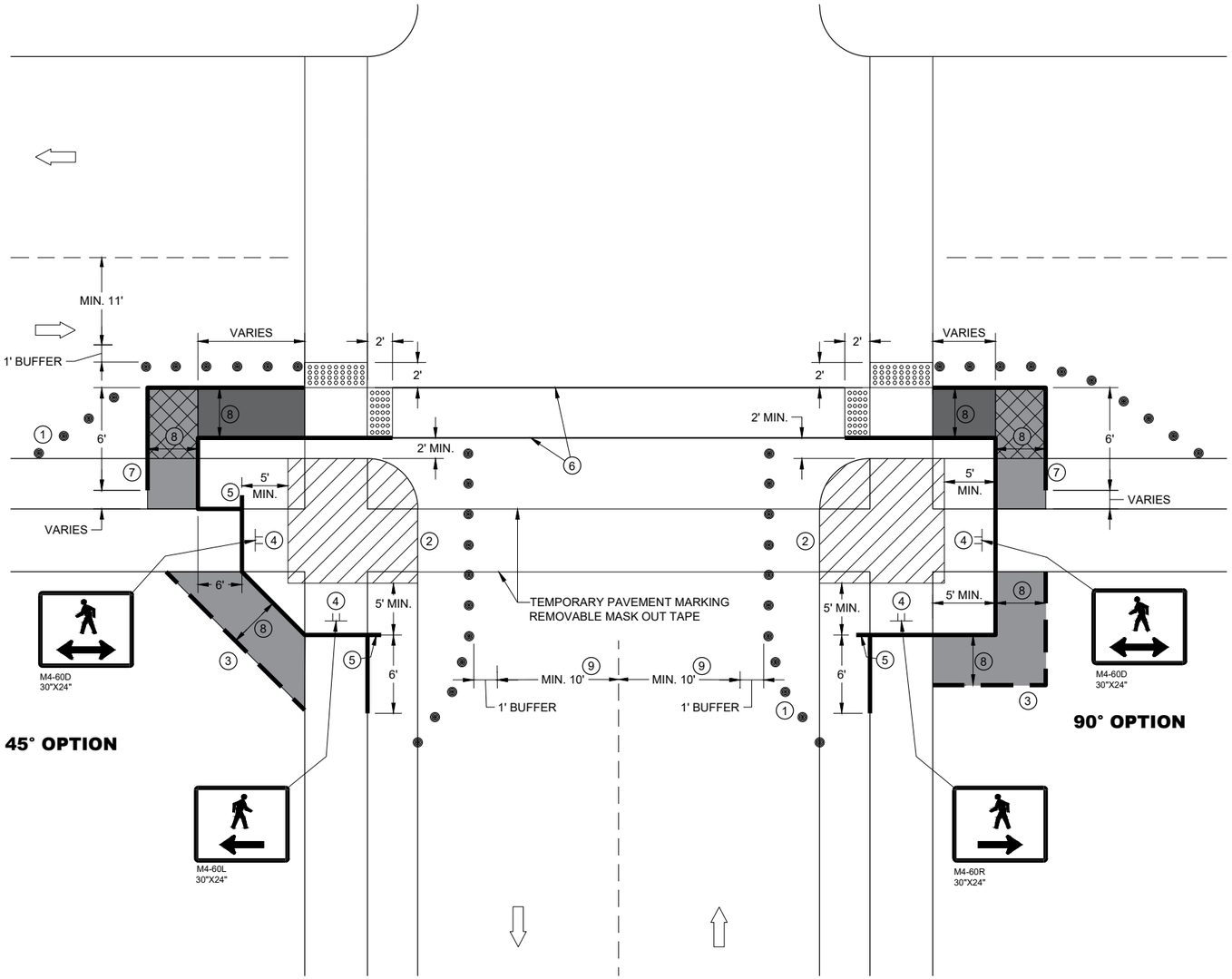
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09i

6



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

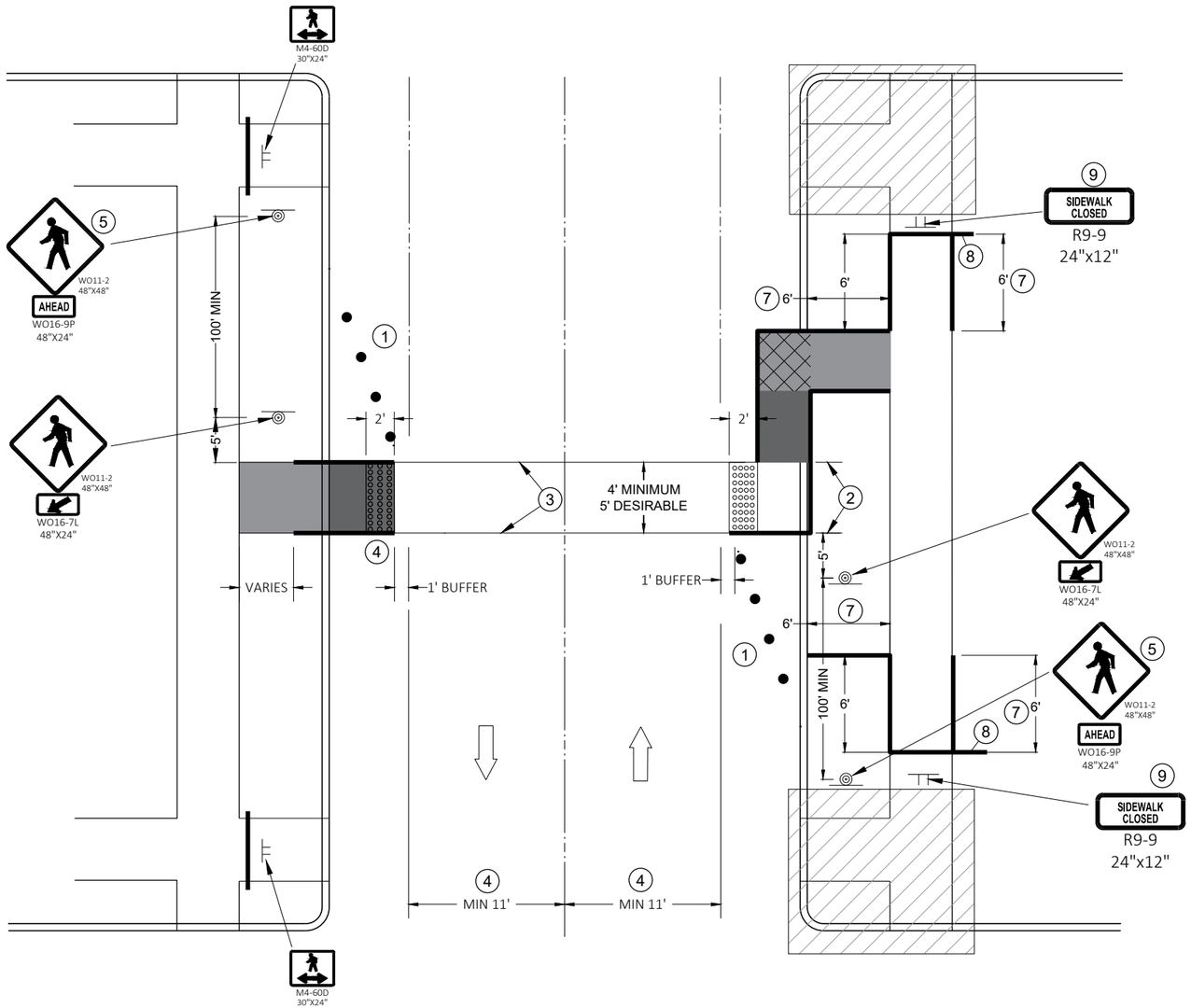
WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. WHITE 6" TEMPORARY PAVEMENT MARKING
7. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
8. 4 FEET MINIMUM, 5 FEET DESIRABLE
9. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

1. SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.
2. 4 FEET MINIMUM, 5 FEET DESIRABLE.
3. WHITE 6" TEMPORARY PAVEMENT MARKING.
4. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.
5. IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.
6. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
7. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
8. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
9. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

6

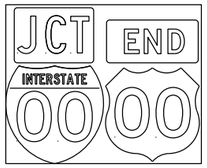
SDD 15D30 - 09L

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

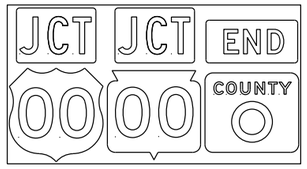
TYPICAL ASSEMBLIES



J1-1



J1-2



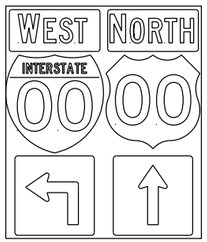
J1-3



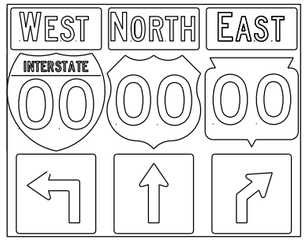
JR1-1



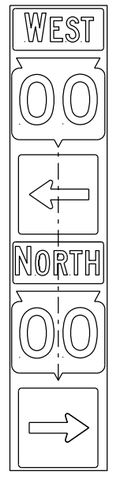
J2-1



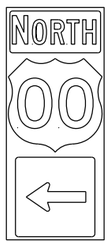
J2-2



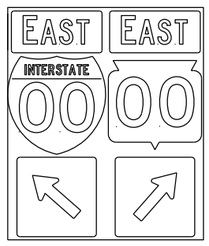
J2-3



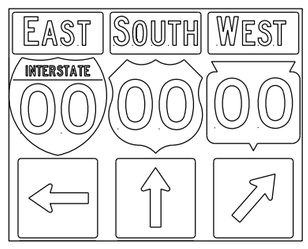
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1



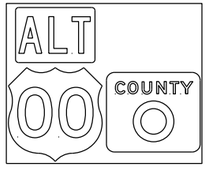
J3-2



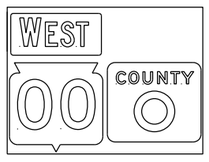
J3-3



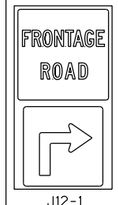
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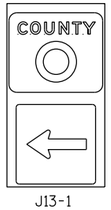
J4-2



J4-2



J12-1



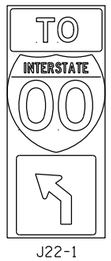
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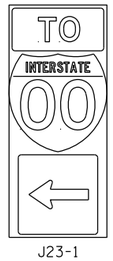
J32-1



J33-1



J22-1



J23-1



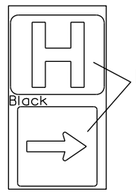
JR13-1



JR23-1



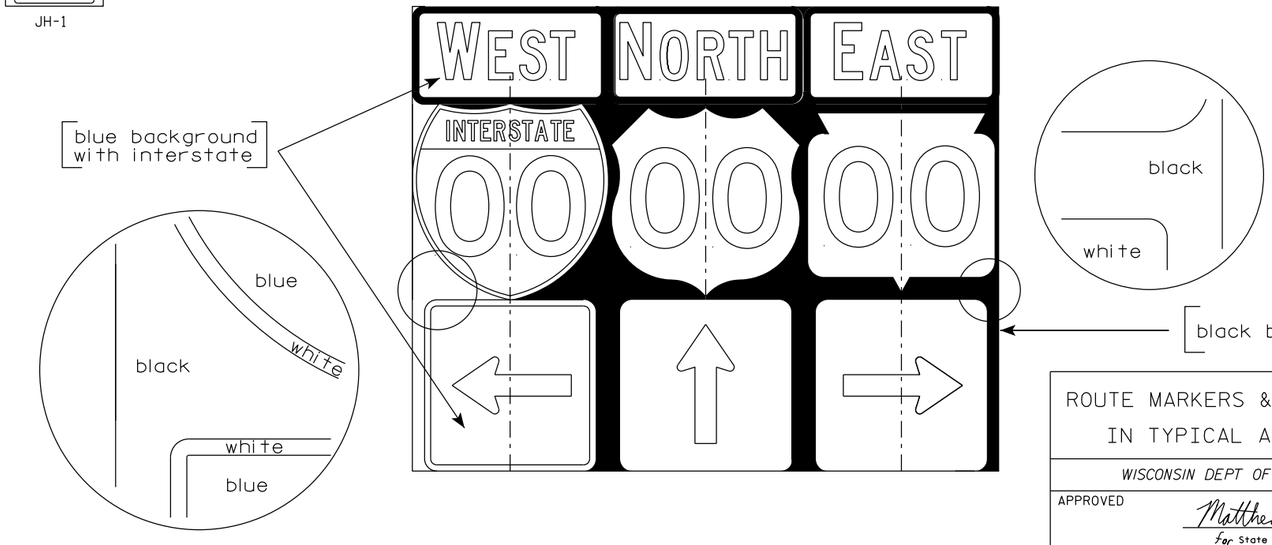
JR99-1



JH-1

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Black Non-reflective
   Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

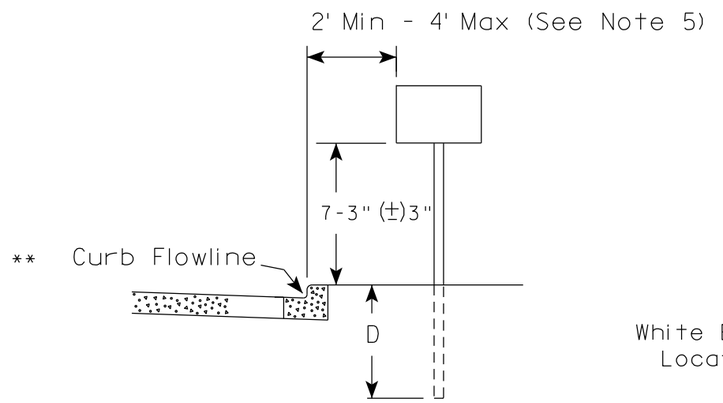
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/23 PLATE NO. A2-1S.10

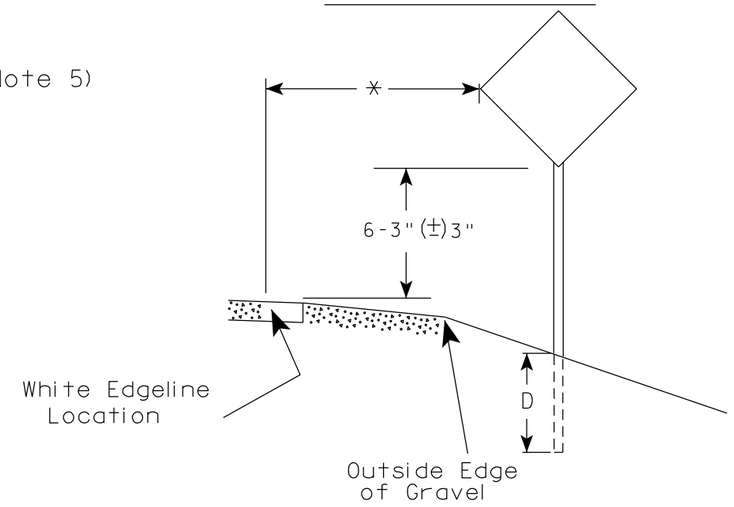
PROJECT NO:

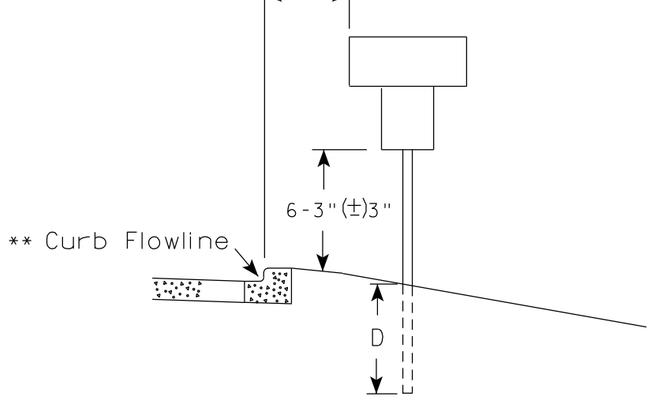
SHEET NO: 155 E

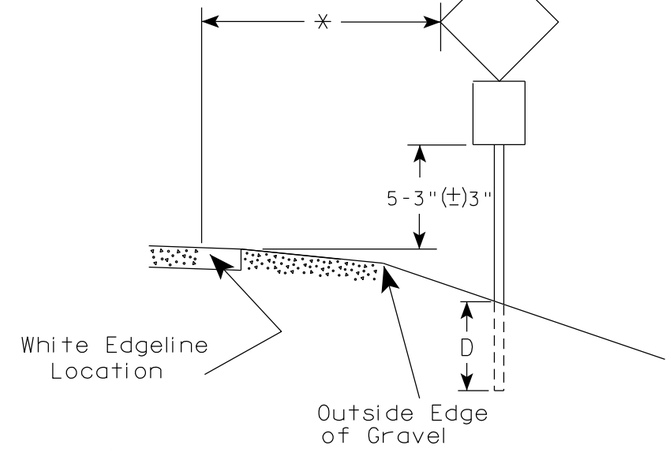
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

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.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

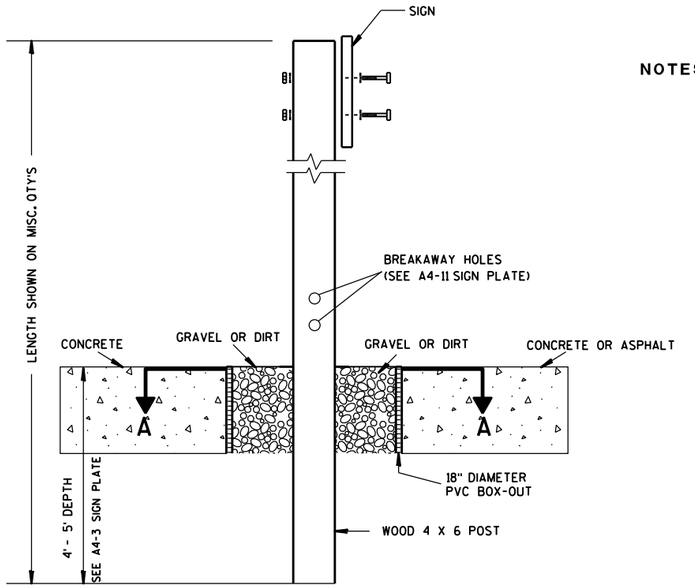
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

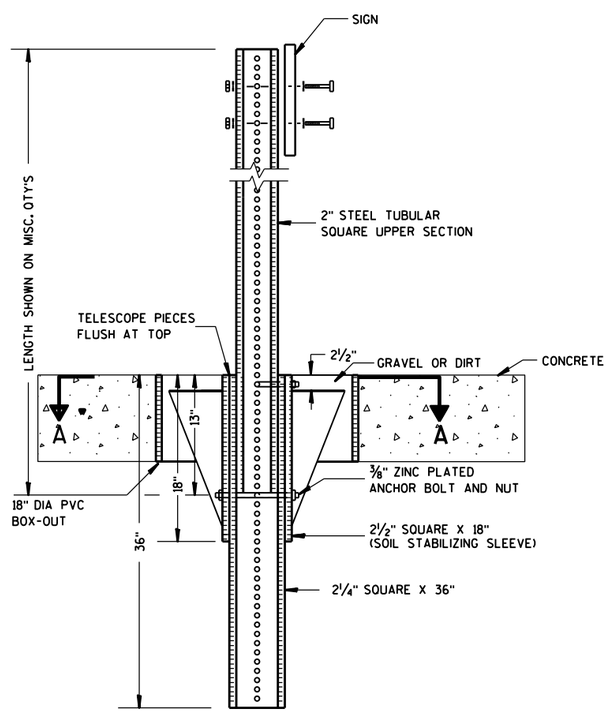
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 156	E



ELEVATION VIEW

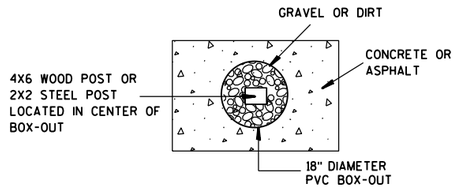
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

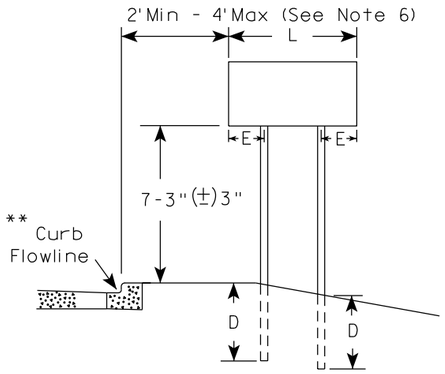
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

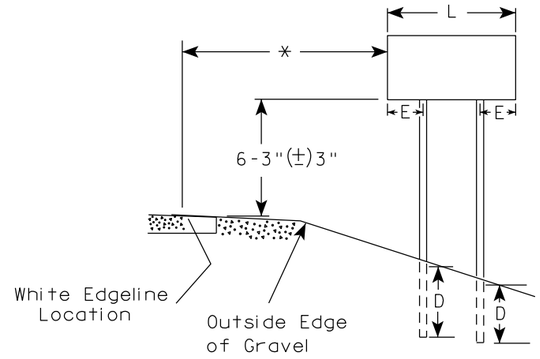
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

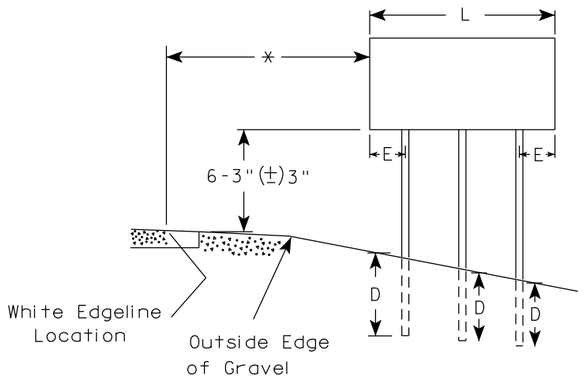
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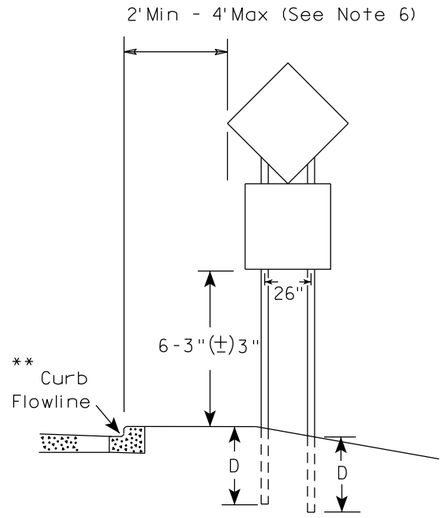
URBAN AREA



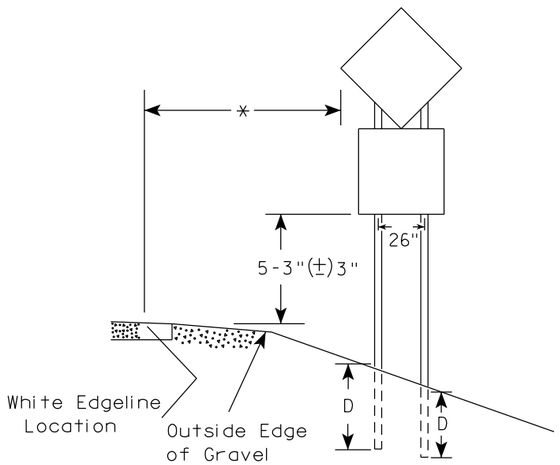
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

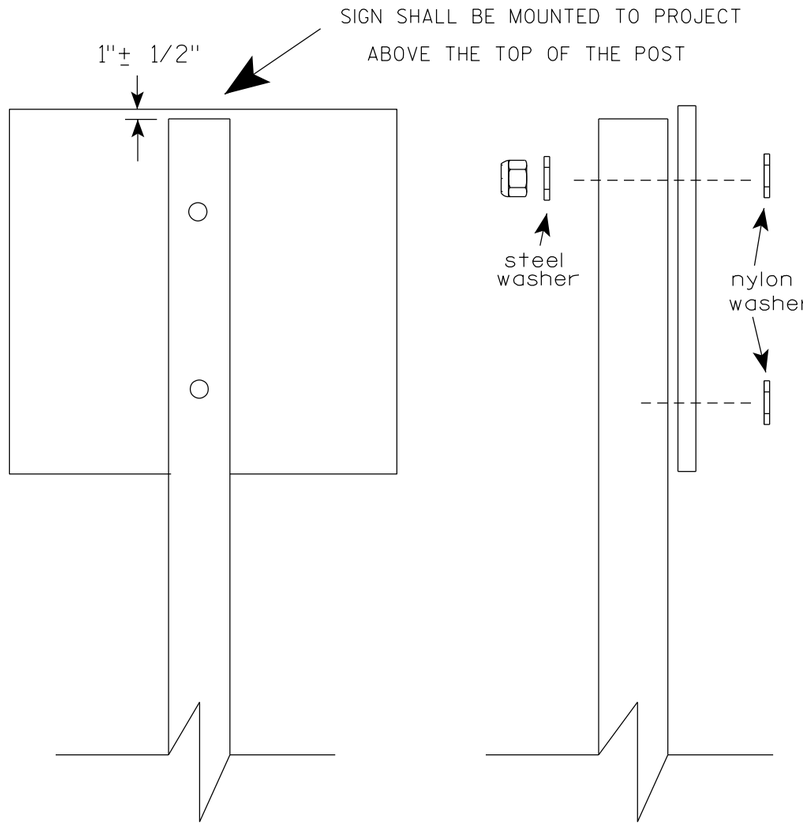
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

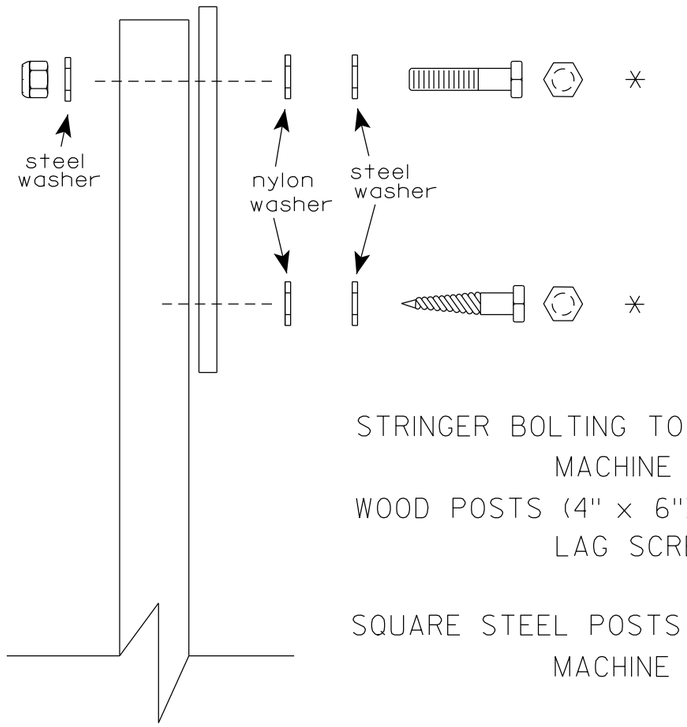
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 158	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

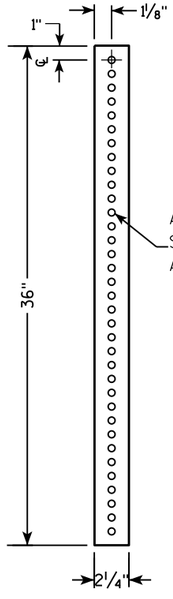
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

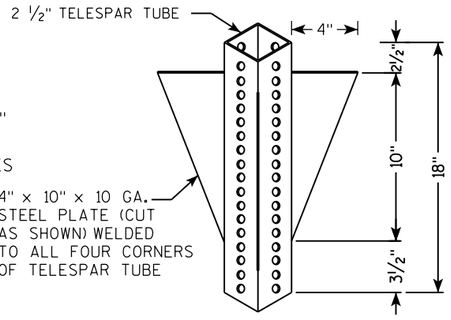
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

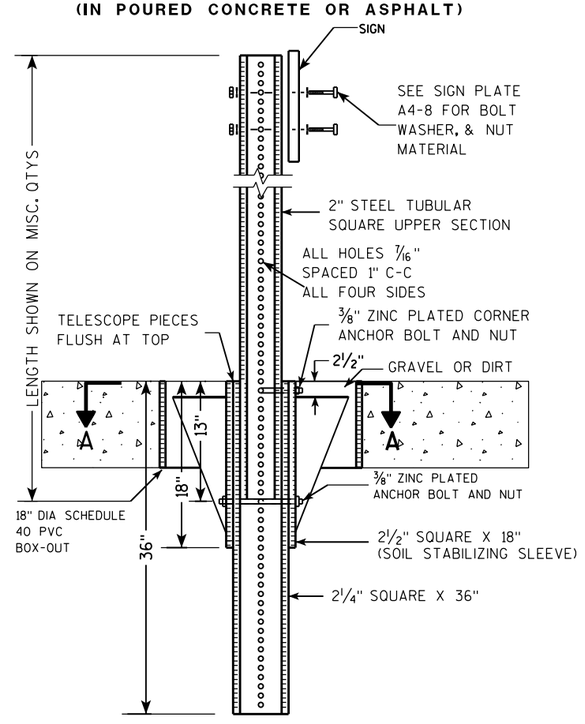
2 ¼ " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



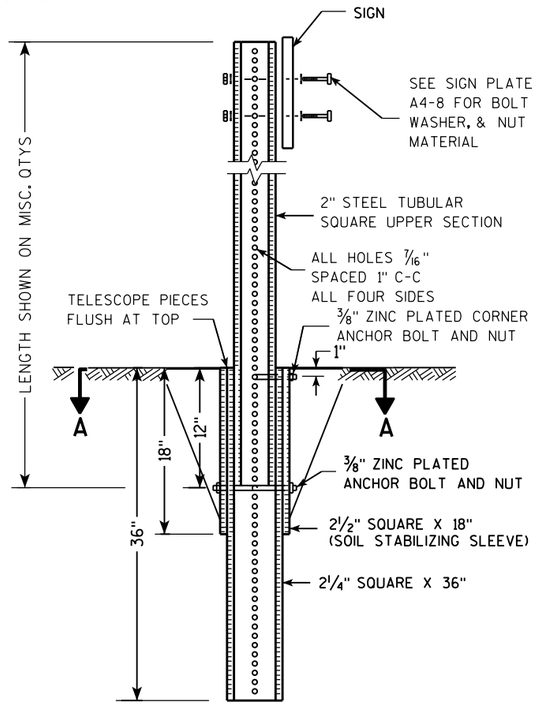
2 ½ " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

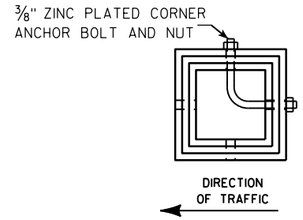


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

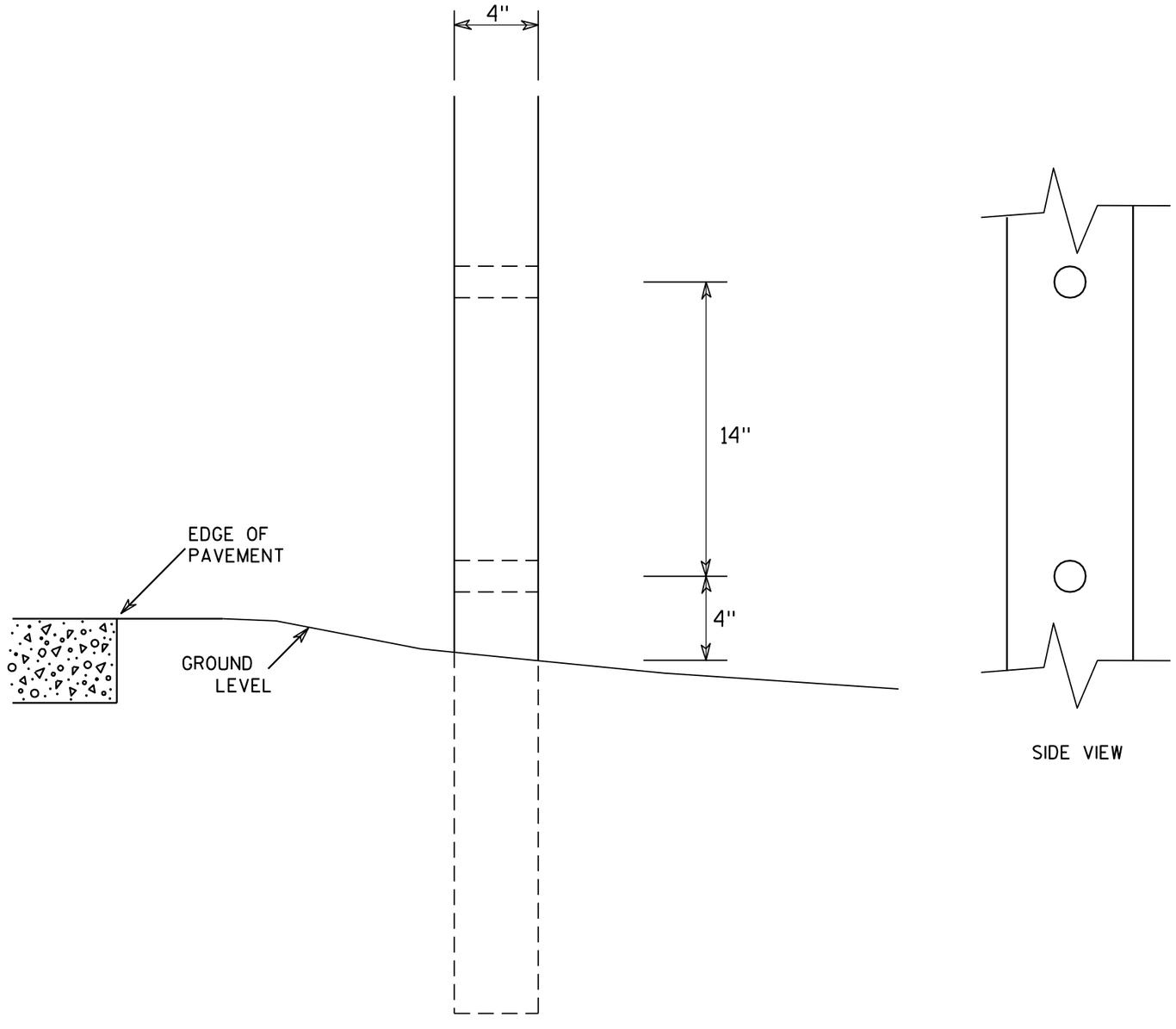
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

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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

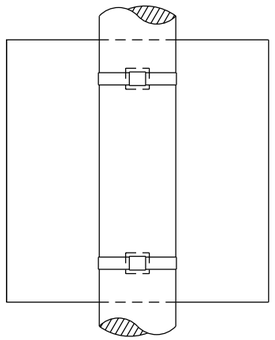
APPROVED Chester J Spang for State Traffic Engineer

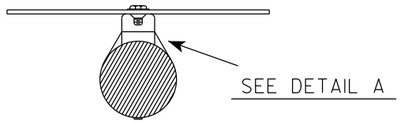
DATE 3/27/97 PLATE NO. A4-11.2

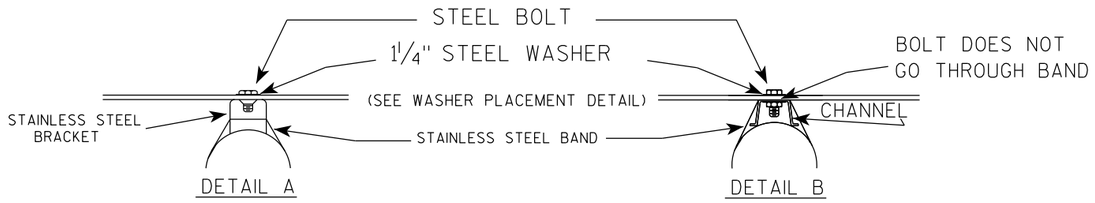
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 161	E

BANDING

SINGLE SIGN



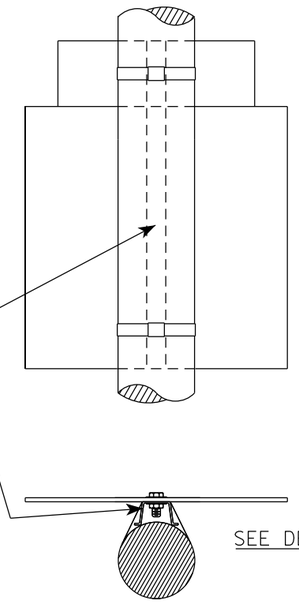




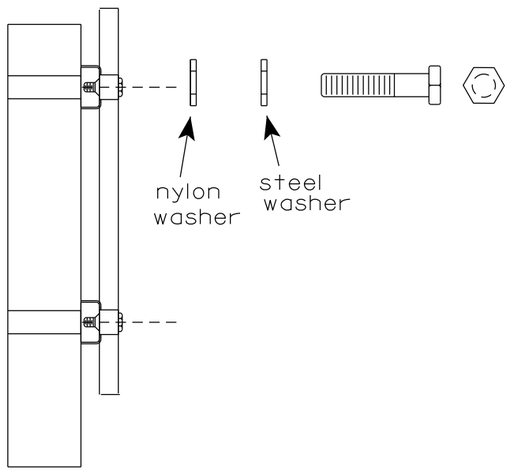
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

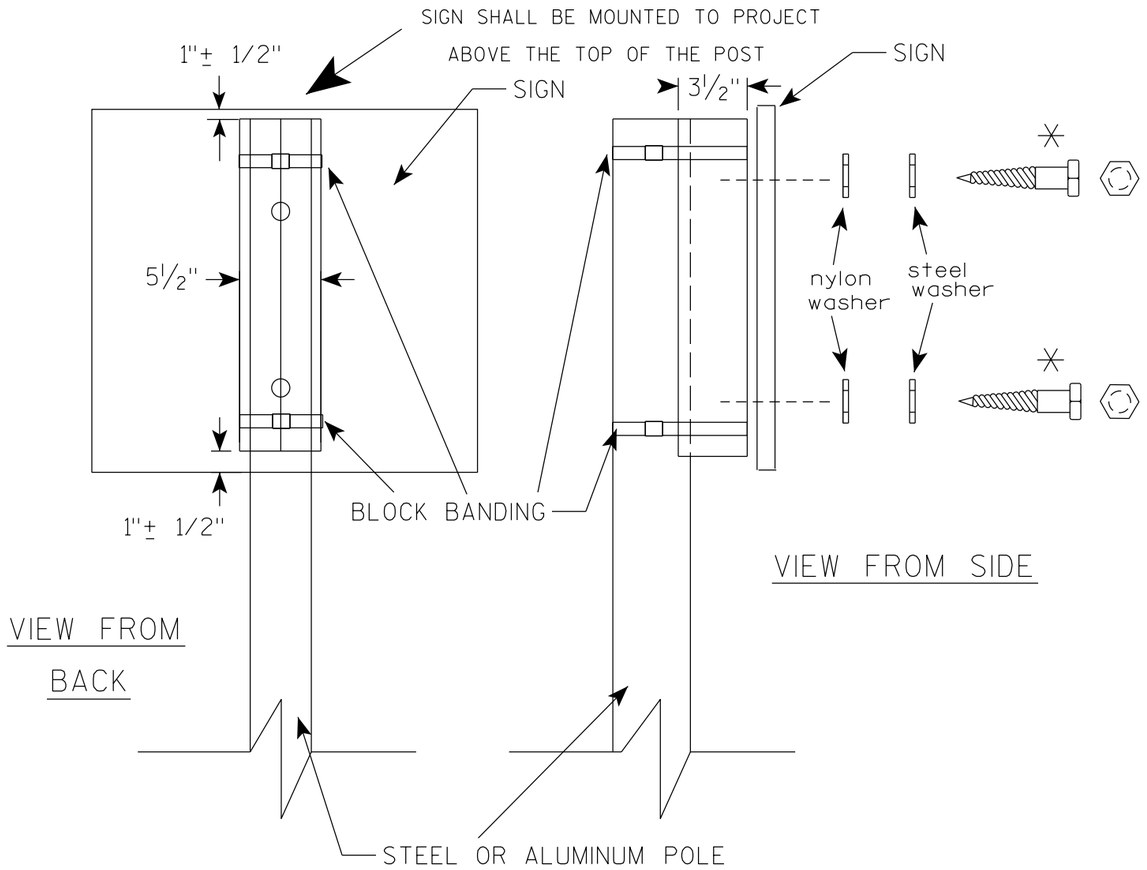
DATE 6/10/19 PLATE NO. A5-9.4

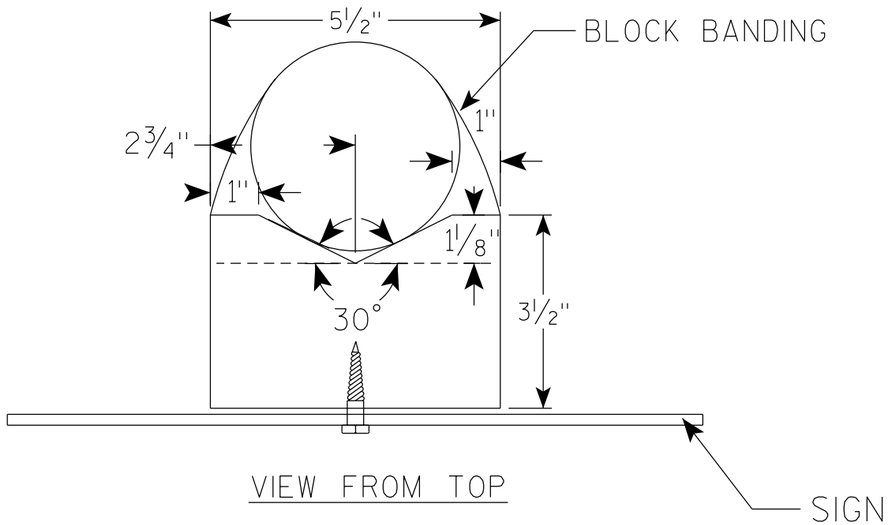
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 162	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

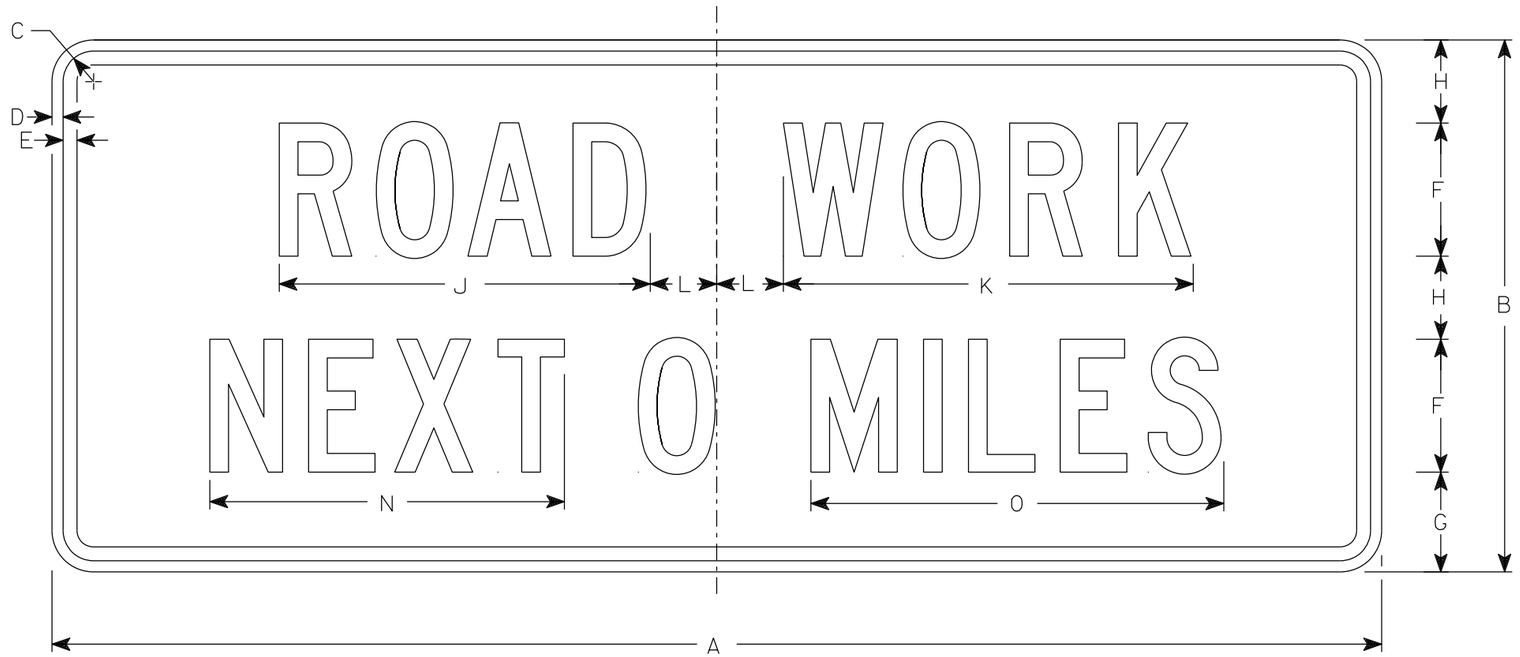
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 163 E



G20-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. 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																											
2S	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4		16 3/4	18 1/2	3		16	18 5/8												10.0

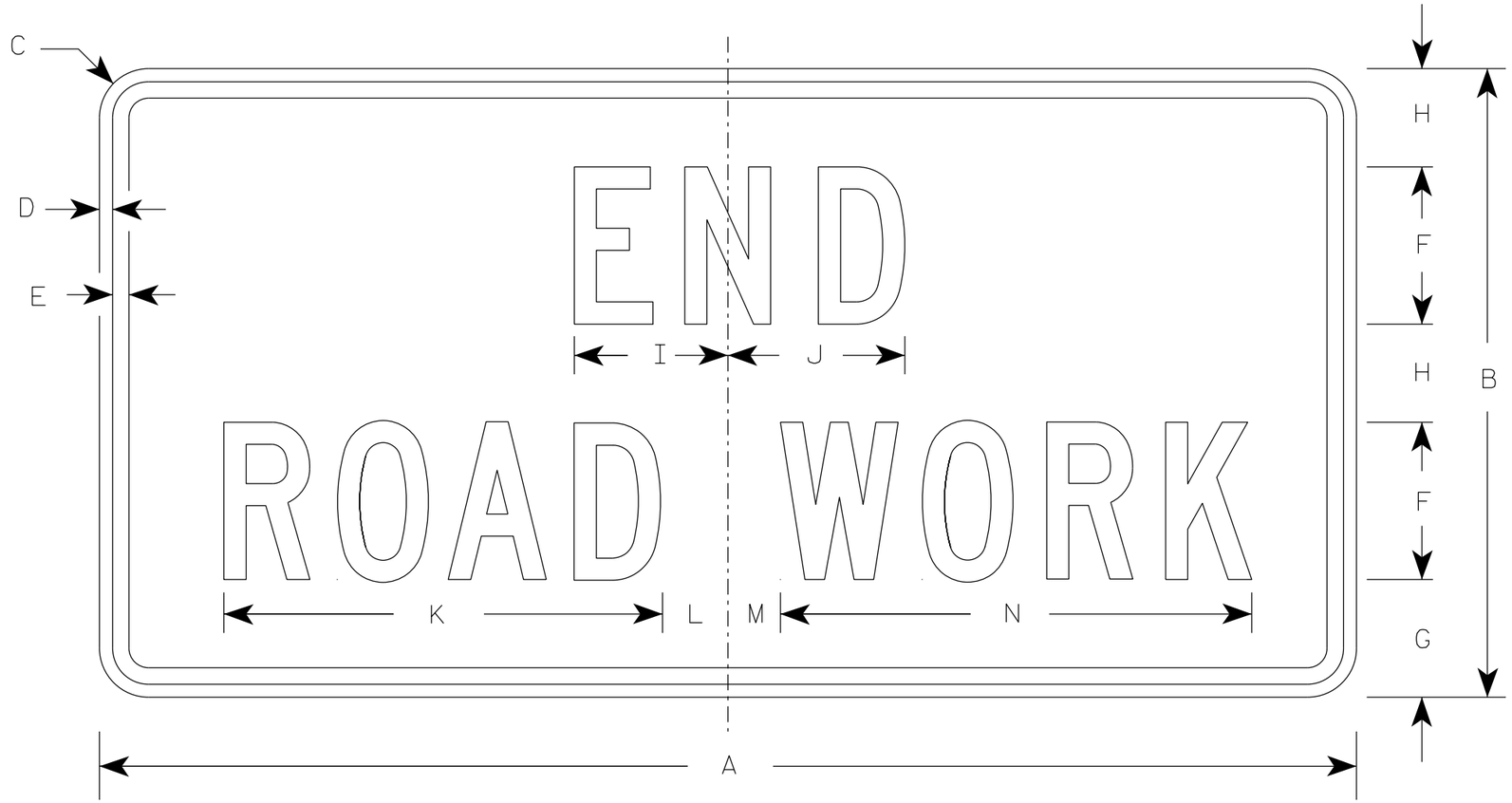
STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-1.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 164	E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

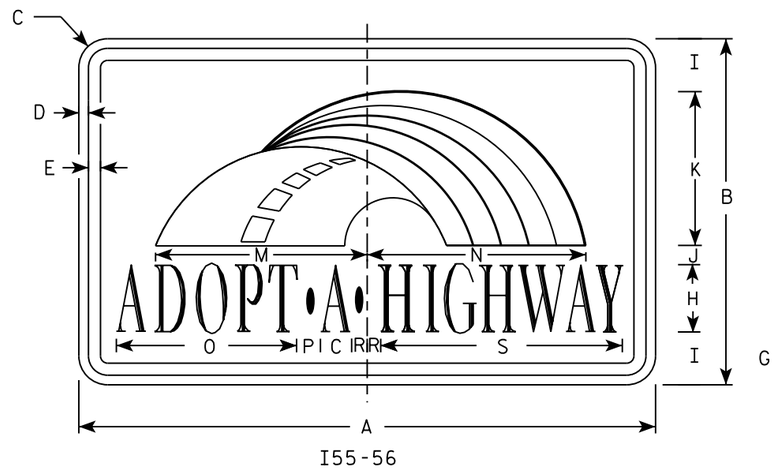
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

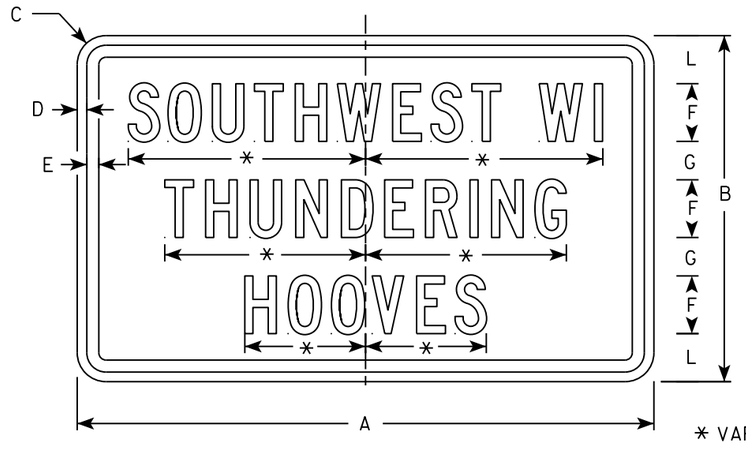
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



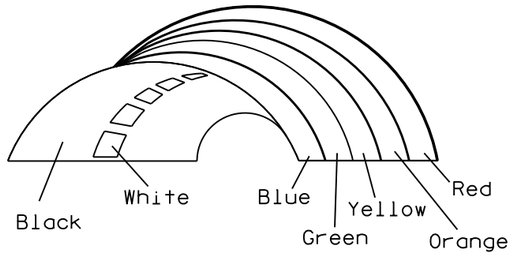
I55-56



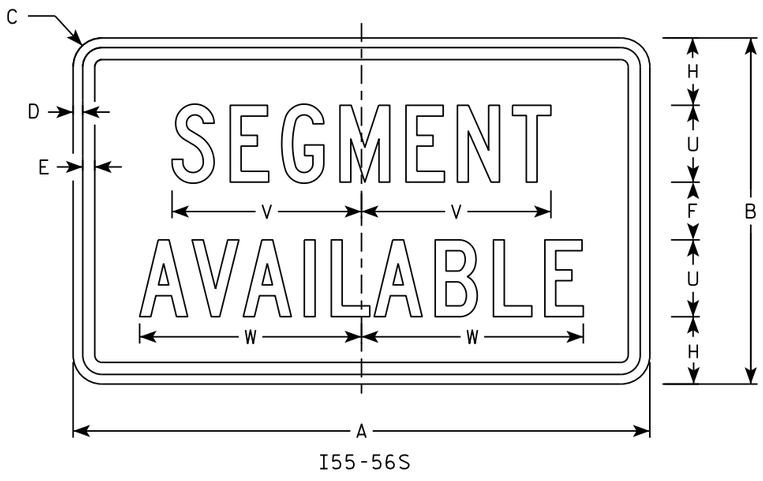
I55-56P

* VARIES

Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow



I55-56S

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - (See Note 4)
3. Message Series - (See Note 5)
4. Border - Blue
   Adopt a Highway - Red
   All other Text - Blue
5. Adopt a Highway - Dutch 8011L
   All other Text - Series C
6. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign 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	18	1 1/2	1/2	5/8	3	2	3 1/2	2 3/4	1	8	2 1/2	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

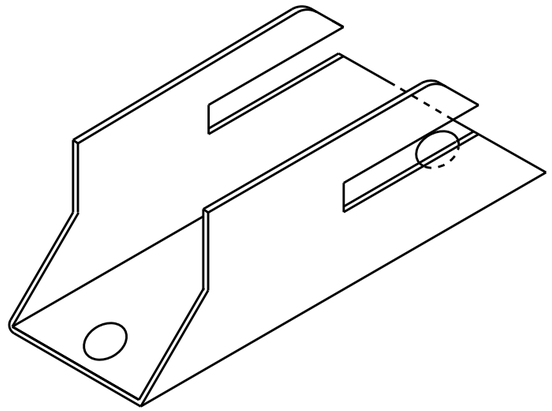
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

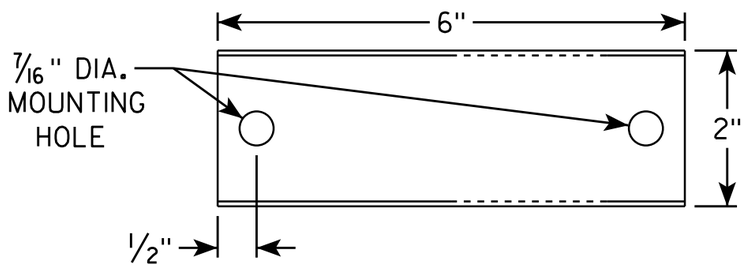
DATE 2/20/18 PLATE NO. I55-56.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 166 | E

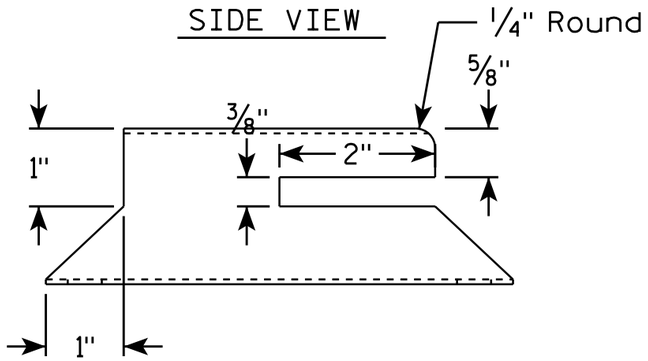
ISOMETRIC VIEW



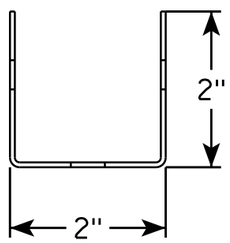
TOP VIEW



SIDE VIEW



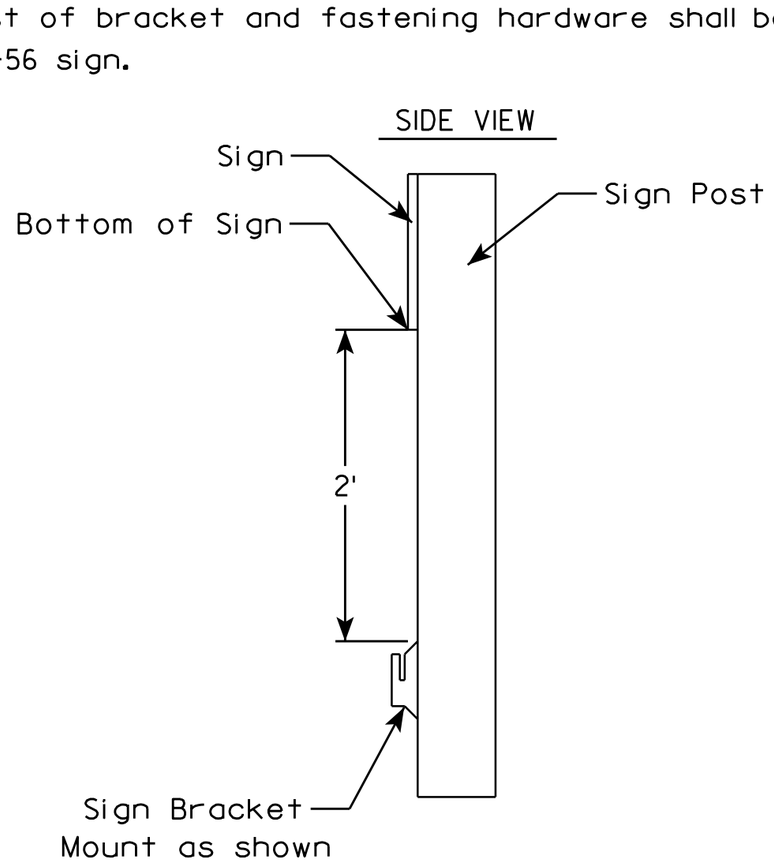
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

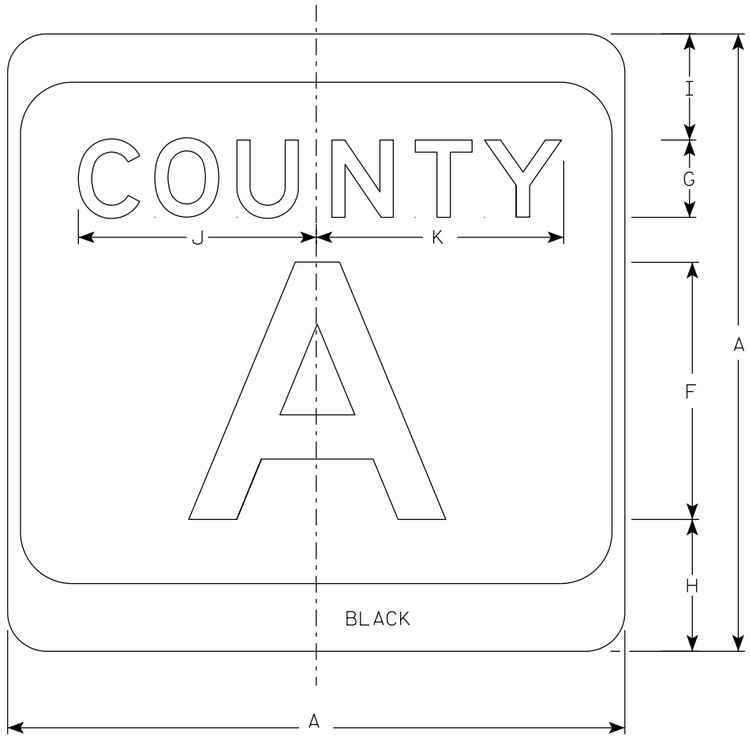
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

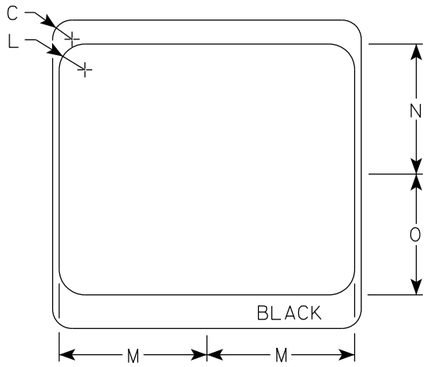
DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000 WISDOT/CADDS SHEET 42

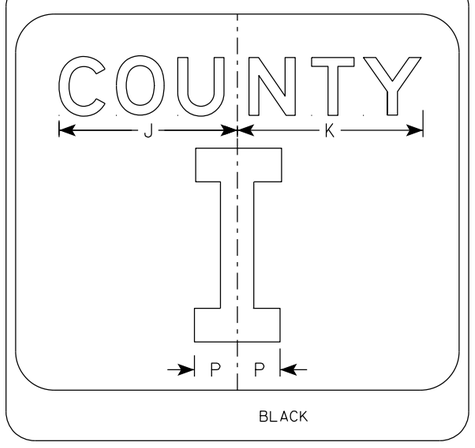


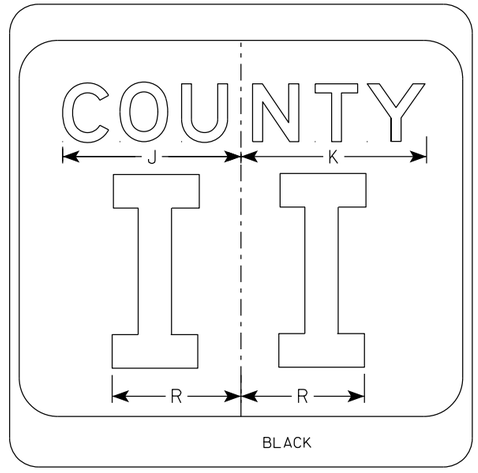
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

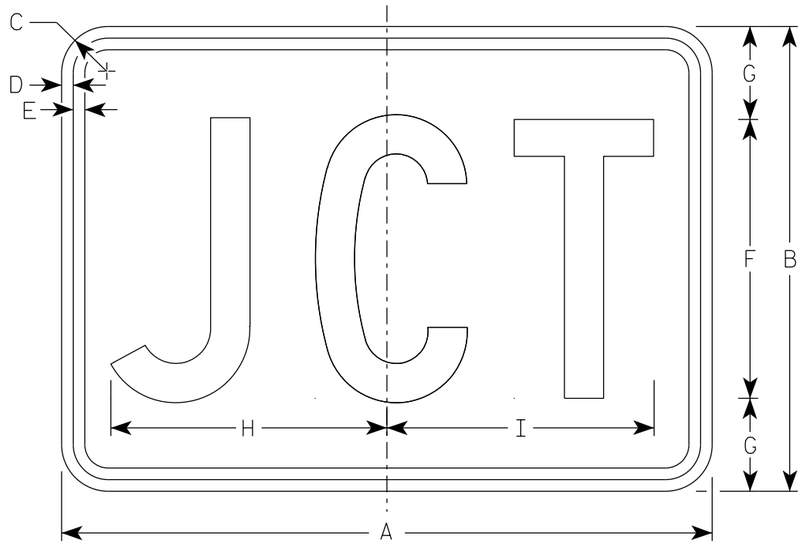
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

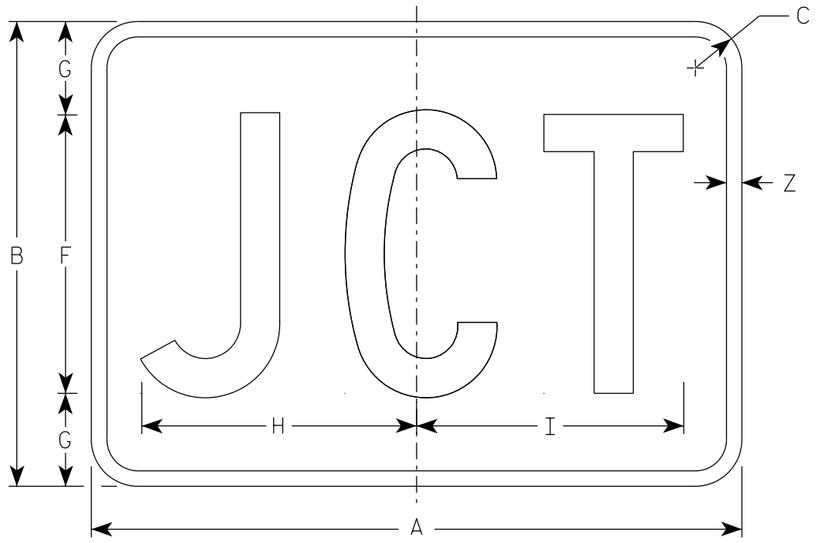
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. M2-1 Background - White
   Message - Black
   MB2-1 Background - Blue
   Message - White
   MK2-1 Background - Green
   Message - White
   MM2-1 Background - White
   Message - Green
   MN2-1 Background - Brown
   Message - White
   MP2-1 Background - White
   Message - Blue
   MR2-1 Background - Brown
   Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

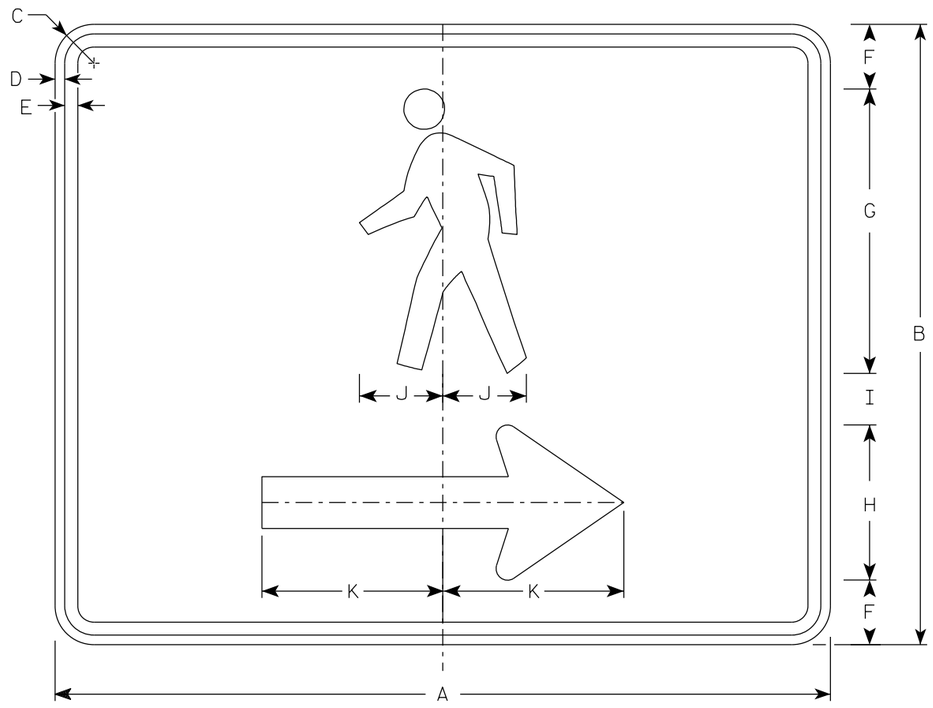
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M2-1.14

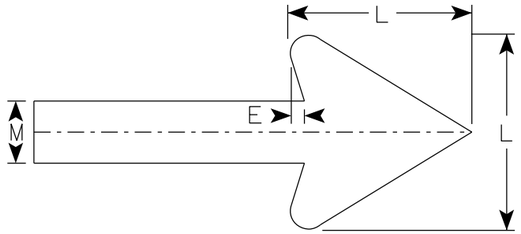
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 169 | E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

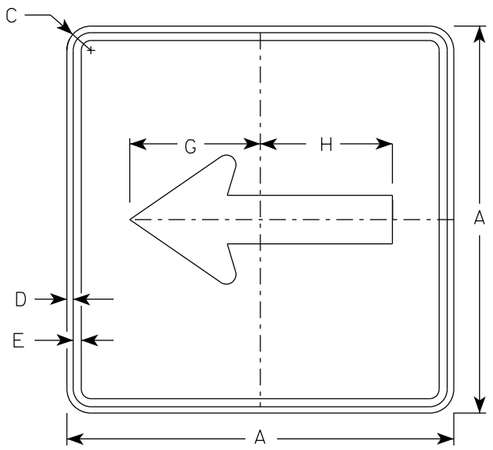
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

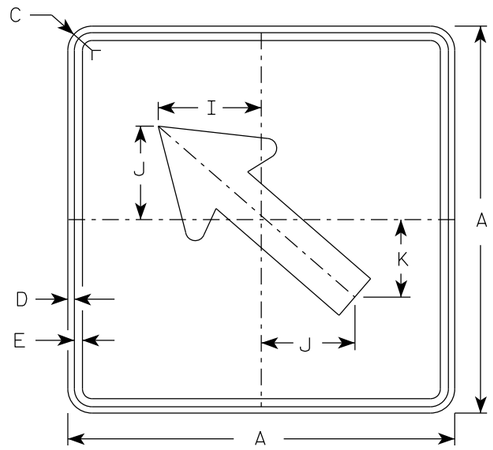
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

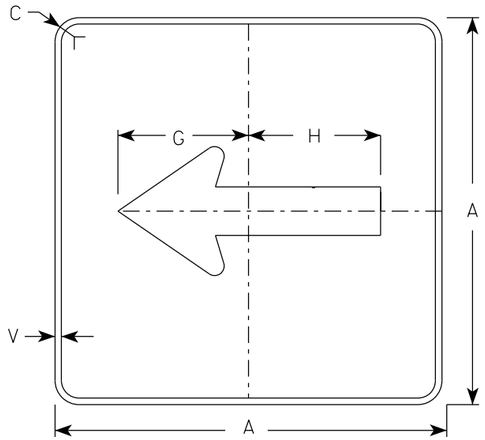
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 170 | E



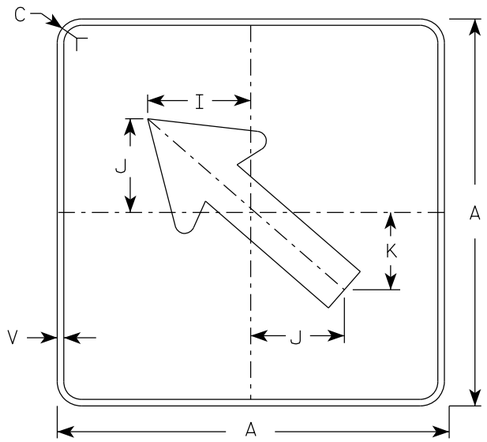
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

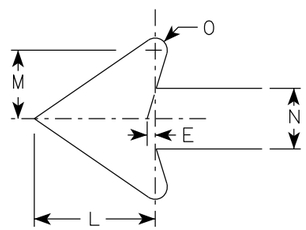


MB6-2
MK6-2
MN6-2
MR6-2

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

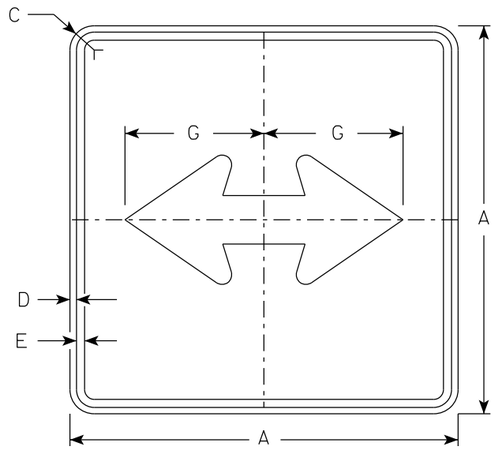
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

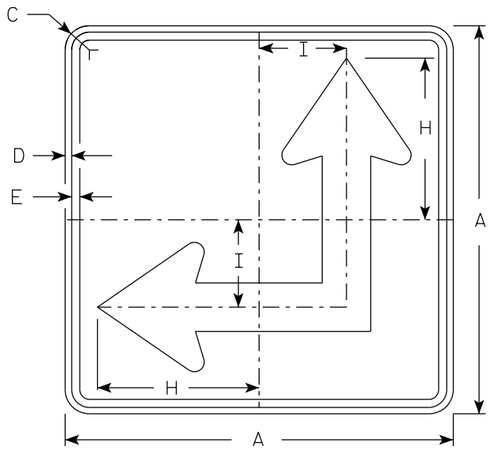
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 171 | E

7

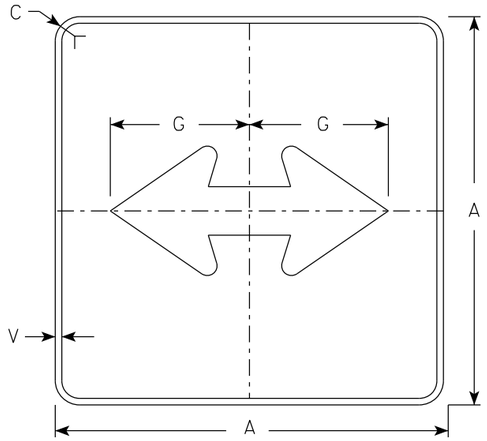
7



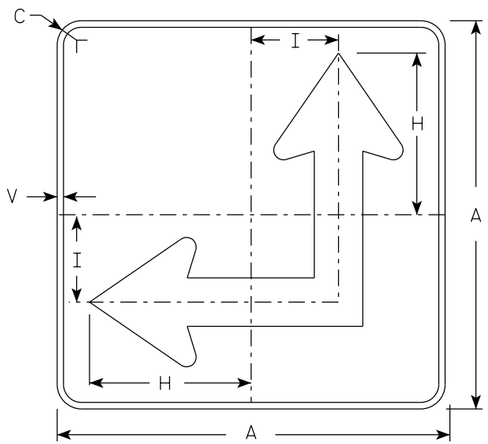
M6-4
MM6-4
MO6-4
MP6-4



M6-6
MM6-6
MO6-6
MP6-6



MB6-4
MK6-4
MN6-4
MR6-4

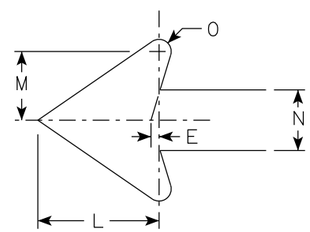


MB6-6
MK6-6
MN6-6
MR6-6

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

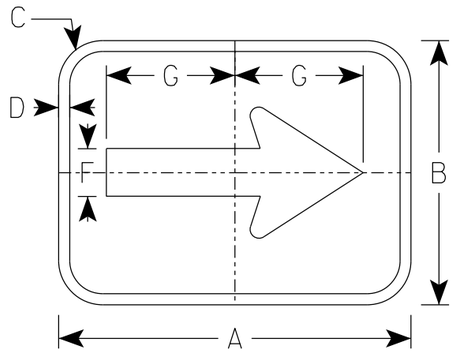
STANDARD SIGN
M6-4 & M6-6
SERIES

WISCONSIN DEPT OF TRANSPORTATION

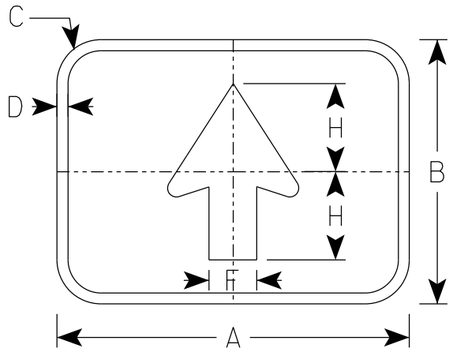
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-4.11

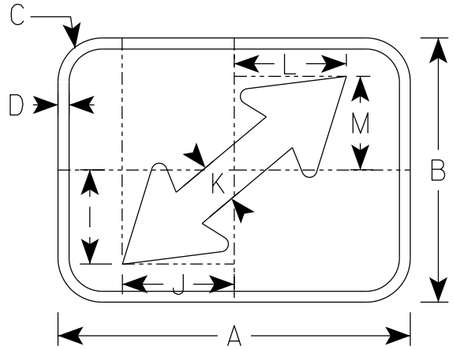
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 172 | E



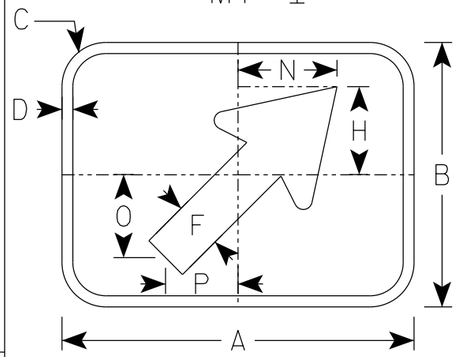
M7-1



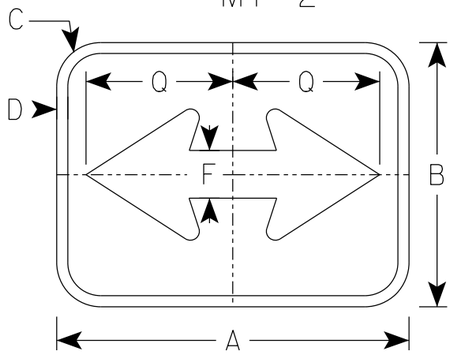
M7-2



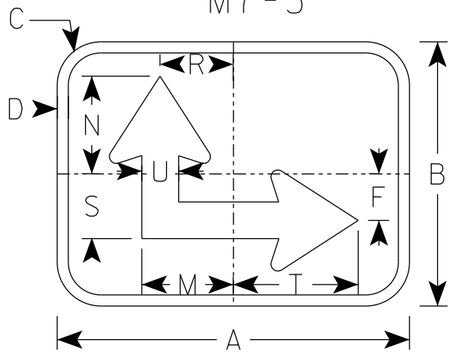
M7-3



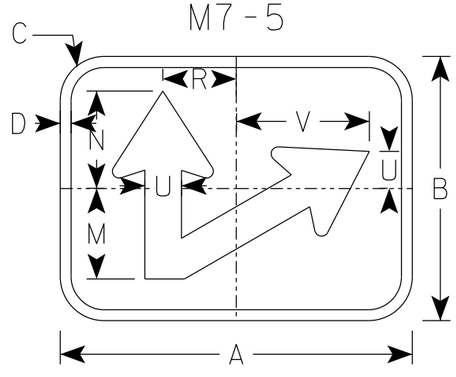
M7-4



M7-5



M7-6



M7-7

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Green
   Message -White

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	12	9	1 1/2	3/8		1 5/8	4 3/8	3	3 1/4	3 3/4	1 3/8	3 7/8	3 1/8	3 3/8	2 7/8	2 1/2	5	2 1/2	2 1/4	4 1/4	1 1/4	4 1/2					.75
2M	12	9	1 1/2	3/8		1 5/8	4 3/8	3	3 1/4	3 3/4	1 3/8	3 7/8	3 1/8	3 3/8	2 7/8	2 1/2	5	2 1/2	2 1/4	4 1/4	1 1/4	4 1/2					.75
3																											
4																											
5																											

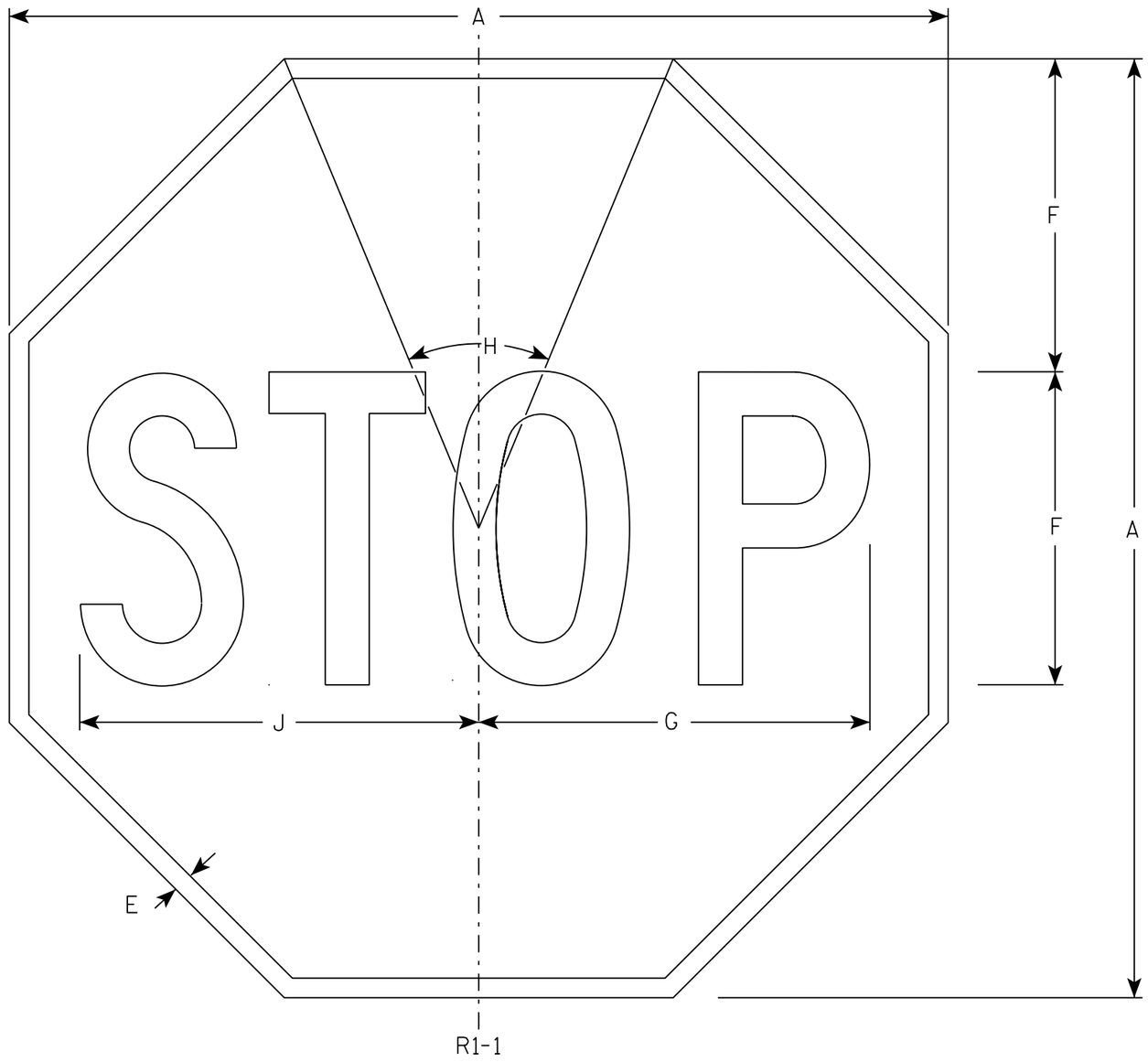
STANDARD SIGN
M7 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/21/2022 PLATE NO. M7-1.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 173	E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

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
7	12				1/4	4	5	45°		5 1/8																	0.78

STANDARD SIGN

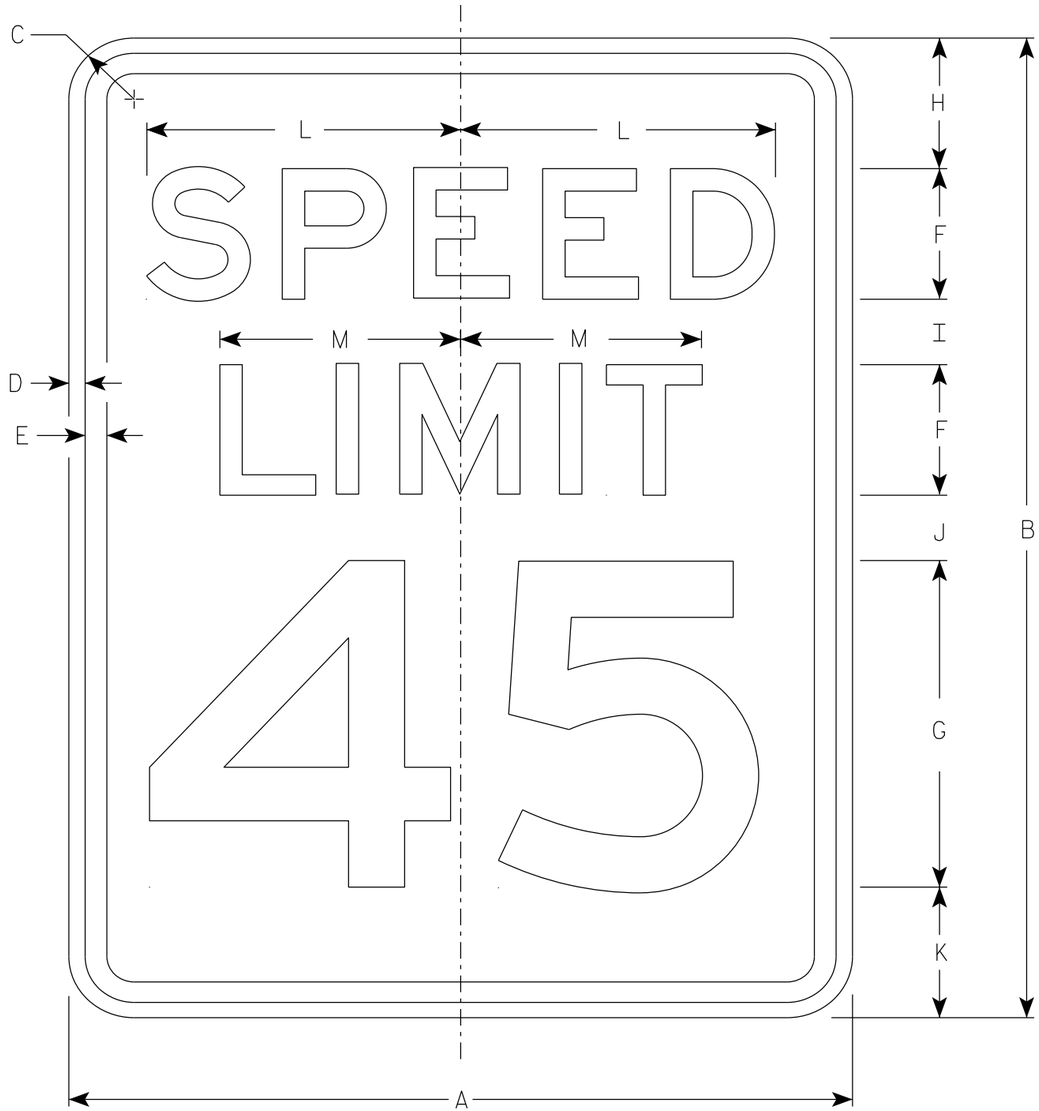
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 174	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

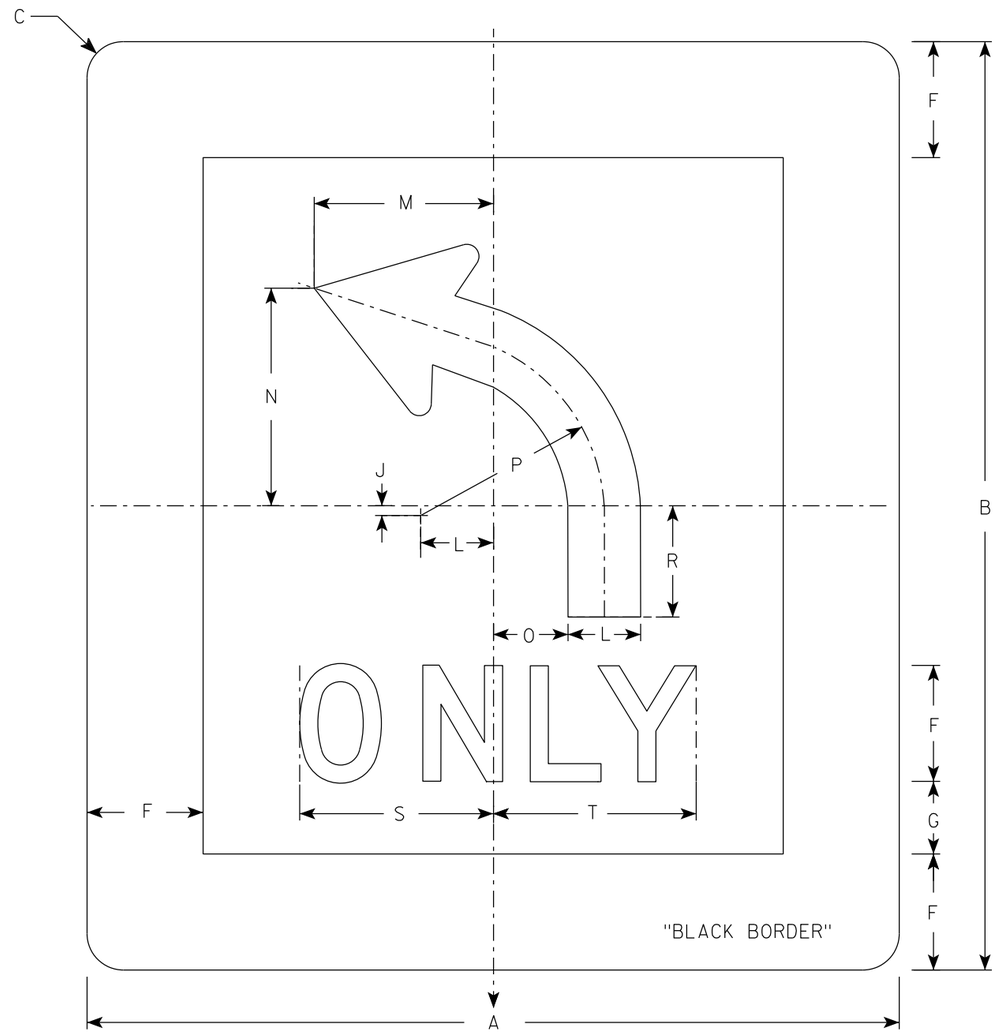
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

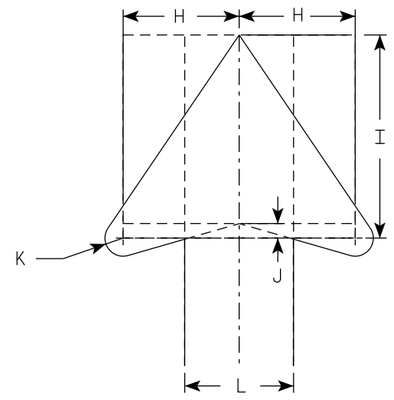
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 175 | E



R3-5L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R3-5R is the same as R3-5L except curved portion of arrow points right.
5. The 6" border is non-reflective 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	Area sq. ft.
1																											
2S	42	48	1 7/8			6	3 3/4	4	7	1/2	5/8	3 3/4	9 1/4	11 1/4	3 7/8	9 1/2		5 3/4	10	10 1/2							14.0
2M	42	48	1 7/8			6	3 3/4	4	7	1/2	5/8	3 3/4	9 1/4	11 1/4	3 7/8	9 1/2		5 3/4	10	10 1/2							14.0
3																											
4																											
5																											

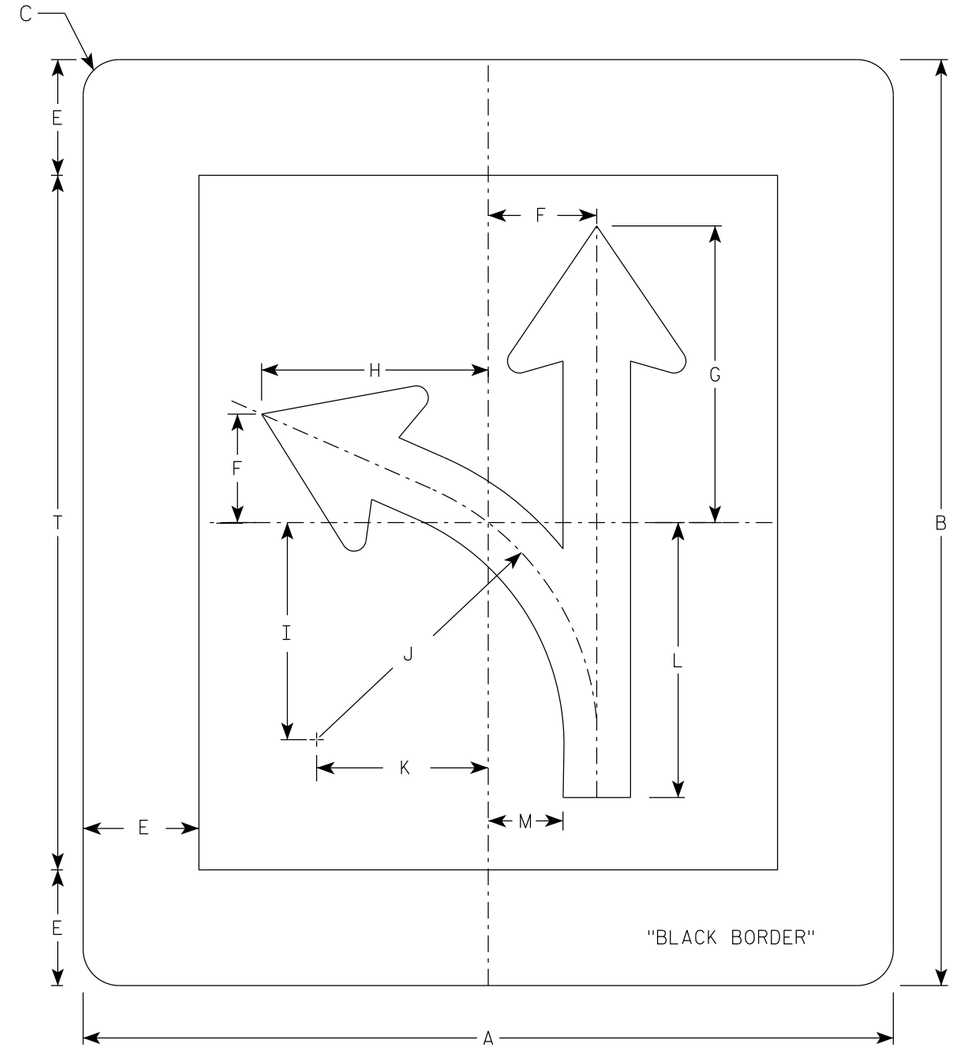
STANDARD SIGN
R3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/26/24 PLATE NO. R3-5.7

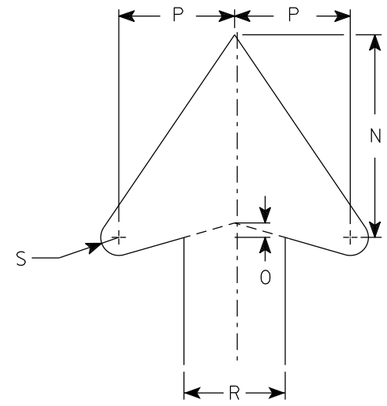
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 176 | E



R3-6L

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
4. R3-6R is the same as R3-6L except curved portion of arrow points right.
5. The 6" border is non-reflective 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	Area sq. ft.
1																											
2S	42	48	1 7/8		6	5 5/8	15 3/8	11 3/4	11 1/4	14 1/2	8 7/8	14 1/4	3 7/8	7	1/2	4		3 1/2	5/8	36							14.0
2M	42	48	1 7/8		6	5 5/8	15 3/8	11 3/4	11 1/4	14 1/2	8 7/8	14 1/4	3 7/8	7	1/2	4		3 1/2	5/8	36							14.0
3																											
4																											
5																											

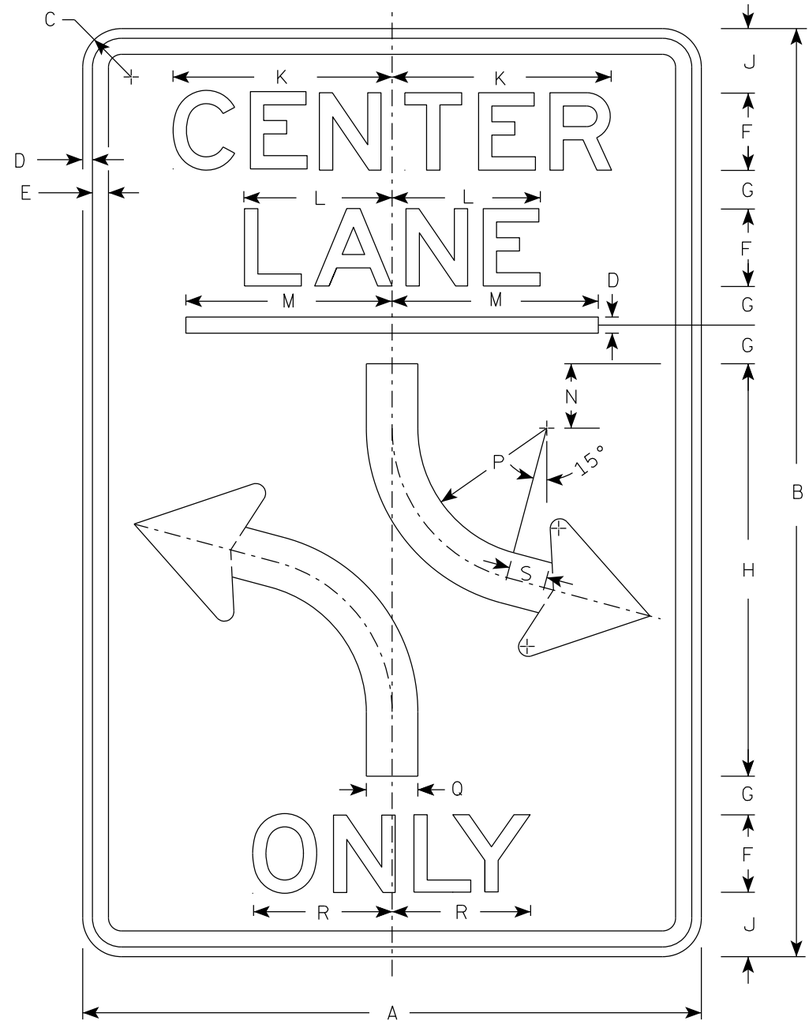
STANDARD SIGN
R3-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/26/24 PLATE NO. R3-6.6

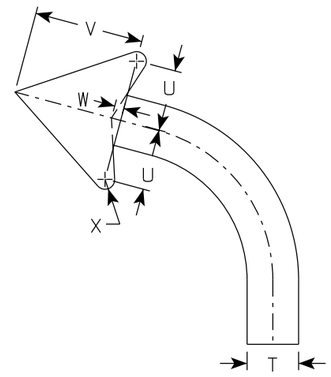
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 177	E



R3-9B

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 ½	⅜	½	3	1 ½	16		2 ½	8 ½	5 ¾	8	2 ½		6	2	5 ⅛	1 ½		2 ⅜	4 ⅜	⅜				6.0
2M	24	36	1 ½	⅜	½	3	1 ½	16		2 ½	8 ½	5 ¾	8	2 ½		6	2	5 ⅛	1 ½		2 ⅜	4 ⅜	⅜				6.0
3	36	48	1 ⅞	⅝	⅞	5	1 ½	20		3 ½	14 ⅛	9 ½	12	3		4	3	9 ⅞	2		3 ½	6 ⅛	½				12.0
4																											
5																											

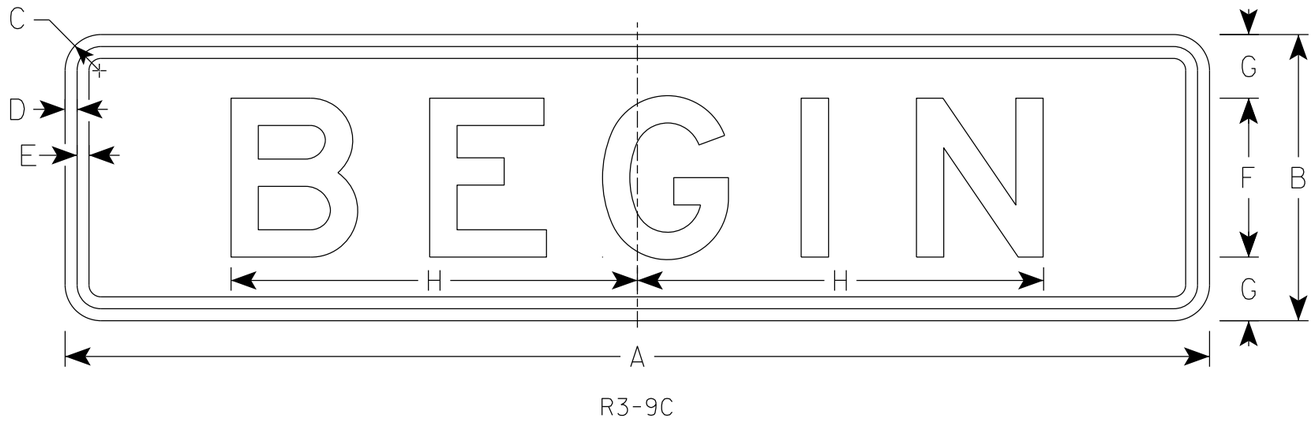
STANDARD SIGN
R3-9B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/15/23 PLATE NO. R3-9B.6

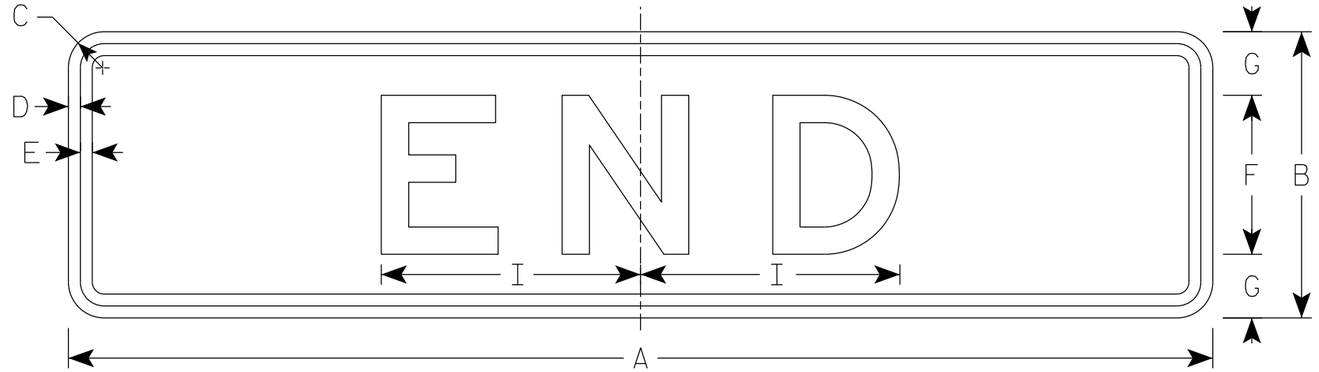
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 178 | E



R3-9C

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



R3-9D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	6	1 1/2	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
2M	24	6	1 1/2	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
3	36	9	1 1/2	3/8	3/8	5	2	12 3/4	8 1/8																		2.25
4																											
5																											

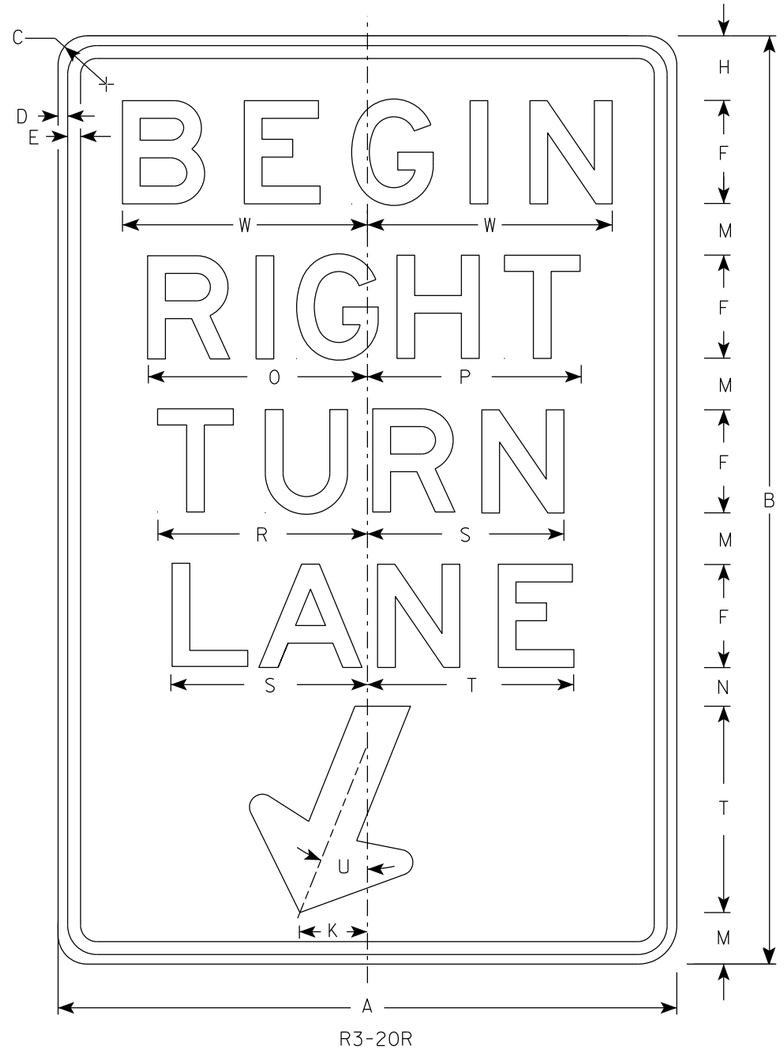
STANDARD SIGN
R3-9C & R3-9D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-9C.4

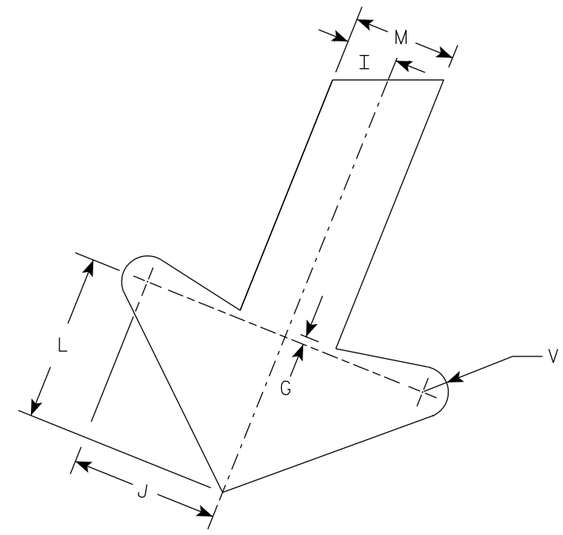
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 179 | E



R3-20R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/2	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	8 1/2	8 1/4		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 7/8	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	12 3/4	12 1/2		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

STANDARD SIGN
R3-20R

WISCONSIN DEPT OF TRANSPORTATION

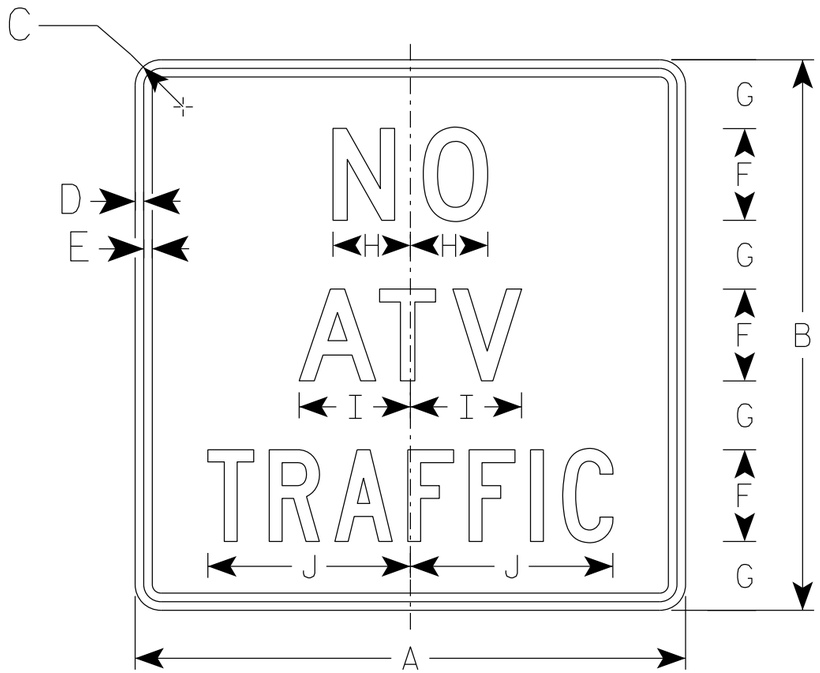
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-20R.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 180 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color: Background - White
   Message - Black
3. Message Series - Line 1 and 2 Series D
   Line 3 Series C



R5-51

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	24	1 1/2	3/8	3/8	4	3	3 3/8	4 7/8	8 7/8																	4.0
2M	24	24	1 1/2	3/8	3/8	4	3	3 3/8	4 7/8	8 7/8																	4.0
3																											
4																											
5																											

STANDARD SIGN
R5-51

WISCONSIN DEPT OF TRANSPORTATION

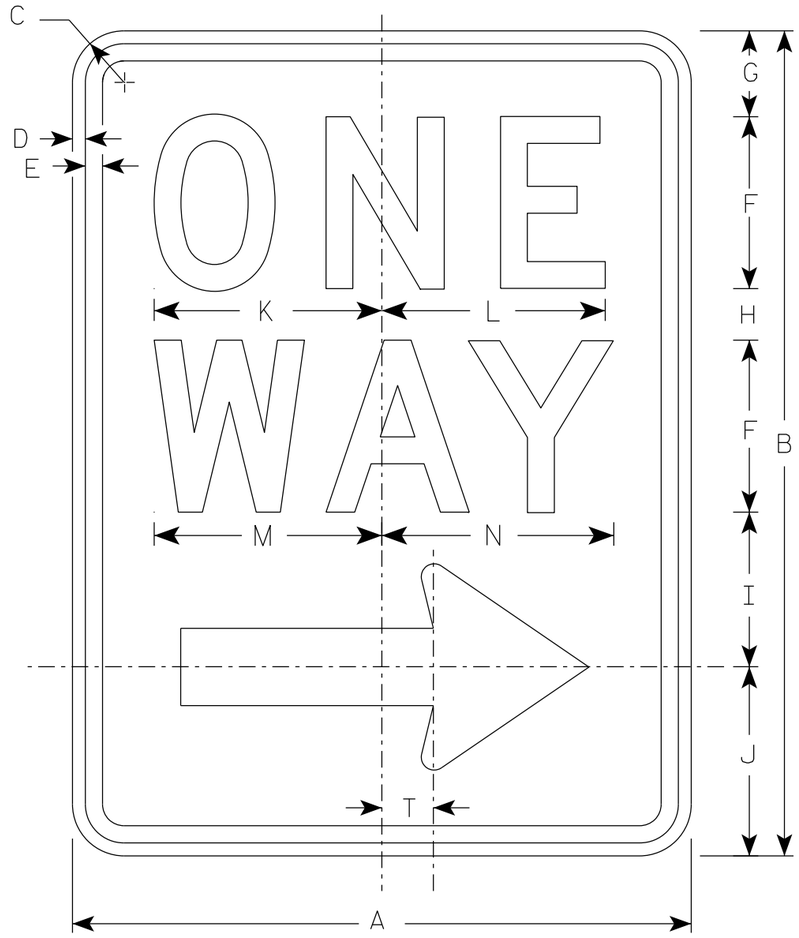
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/23 PLATE NO. R5-51.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 181	E

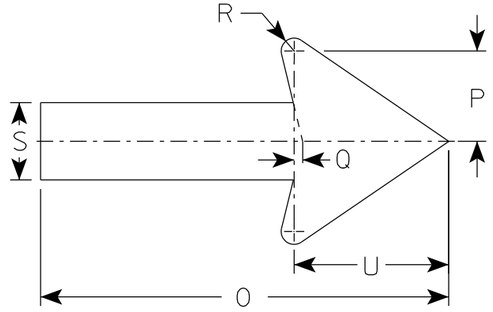
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. R6-2L same as R6-2R except arrow points to the left.



R6-2R

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
1	18	24	1 1/2	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	1 1/2	1 1/2	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 7/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

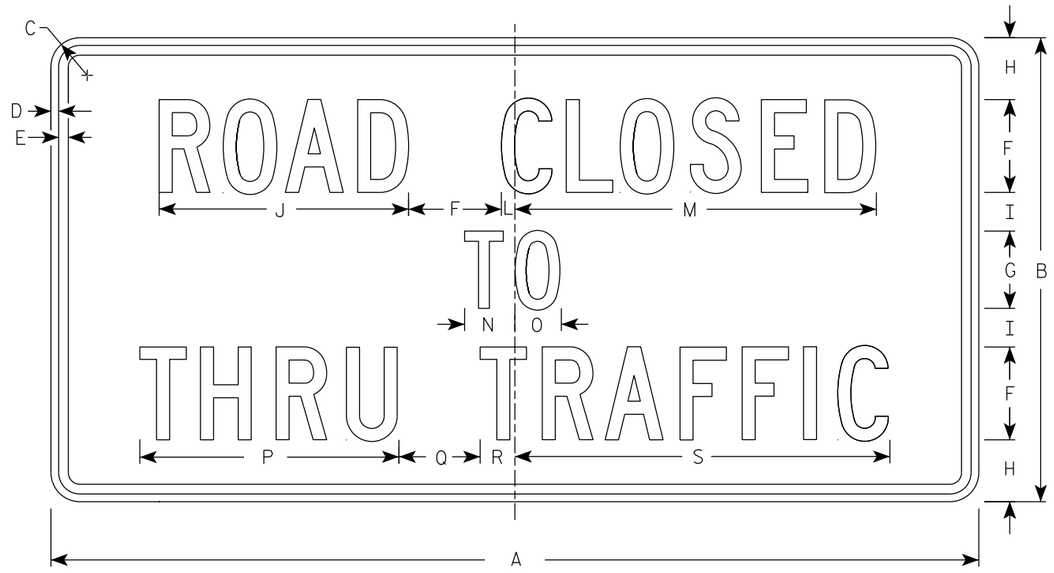
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 182	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																											

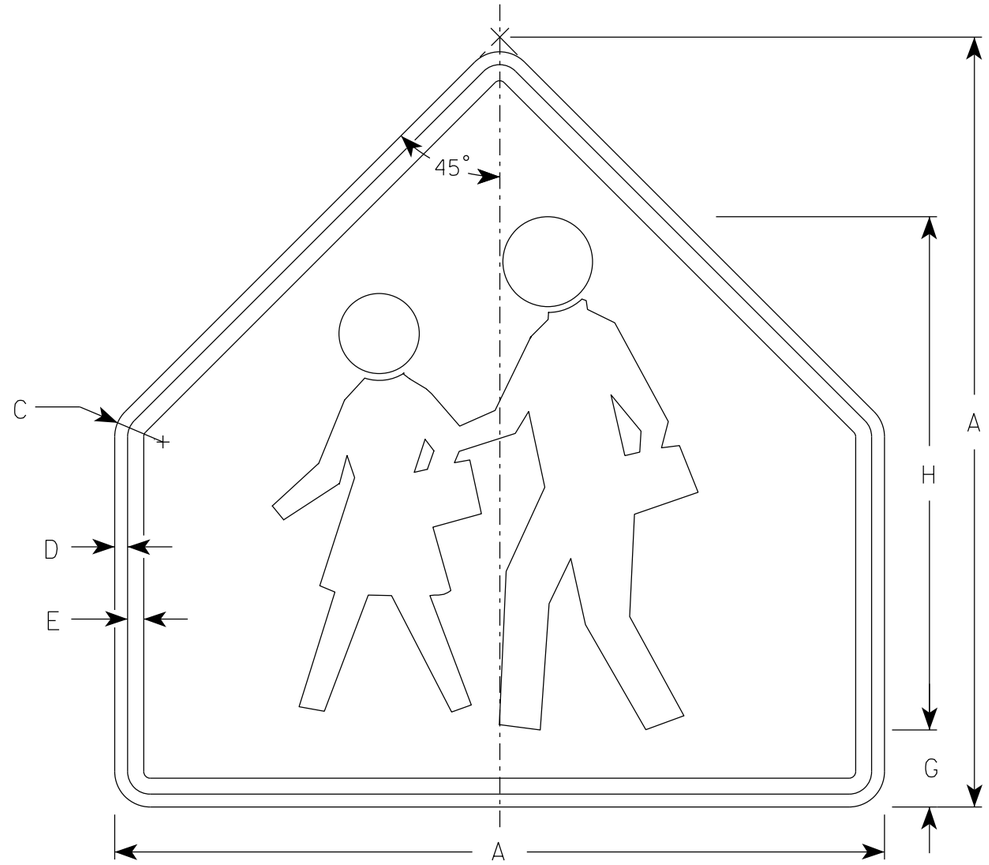
STANDARD SIGN
R11 - 4

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: 183 | E



S1-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   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	30		1 3/8	1/2	5/8		3	20																			4.69
2S	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
2M	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		1 7/8	3/4	1		4 3/4	32																			12
5																											

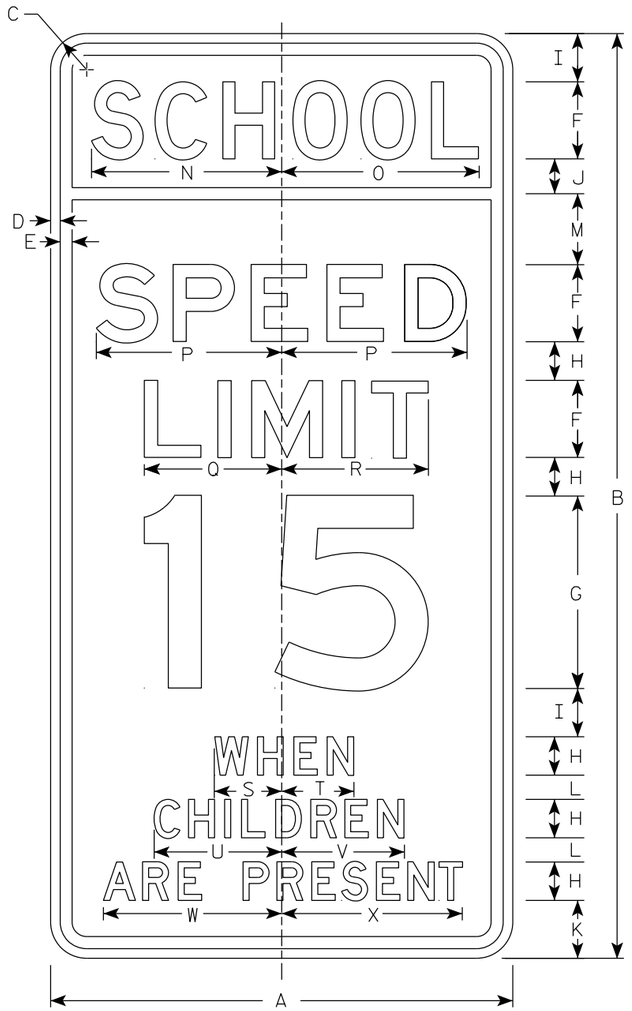
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/16/2023 PLATE NO. S1-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



S4-51

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color:
   Background - See Note 4
   Message - Black
3. Message Series - See Note 5
4. Top panel (SCHOOL) background - Yellow Green - Type F Reflective
   Lower panel background - White - Type SH Reflective
5. From top to bottom:
   Lines 1, 5, 6 & 7 are series D
   Lines 2, 3 & 4 are series E
6. Line 4 substitute appropriate numerals and adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	48	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
2M	24	48	1 7/8	1/2	5/8	4	10	2	2 1/2	1 3/4	3	1 1/4	3 3/4	9 7/8	10 1/4	9 5/8	7 1/8	7 5/8	3 1/2	3 3/8	6 5/8	6 3/8	9 1/4	9 3/8			8.00
3	36	72	3	3/4	1	6	15	3	3 3/4	2 3/4	4 1/2	1 7/8	5 1/2	15	15 1/4	14 1/2	11 1/4	11 1/2	5 1/2	5 3/4	10	9 3/4	14	14 1/8			18.00
4																											
5																											

STANDARD SIGN
S4-51

WISCONSIN DEPT OF TRANSPORTATION

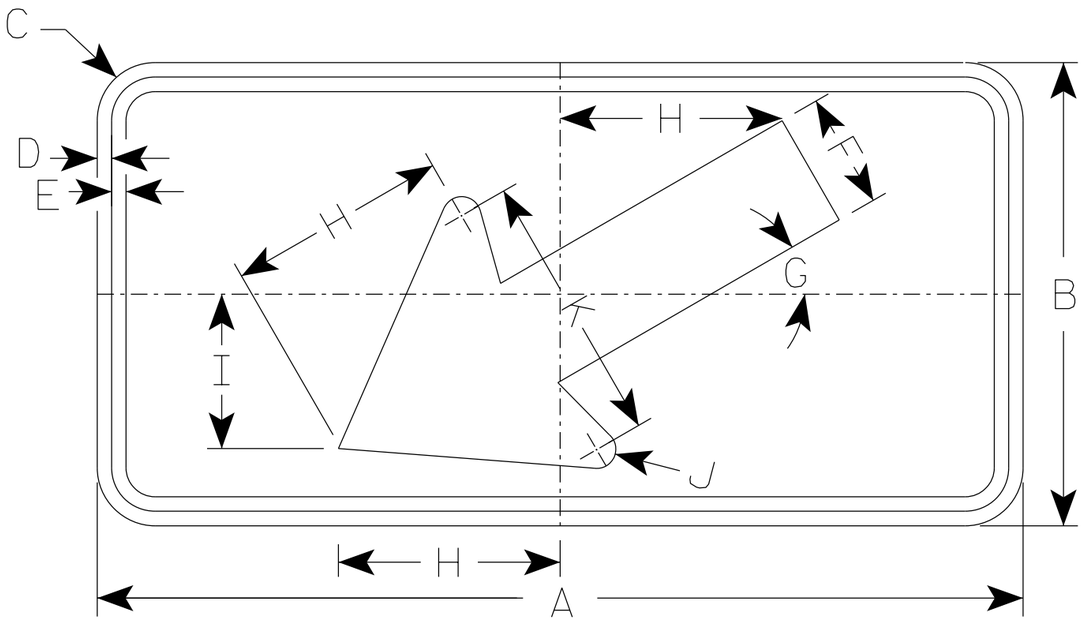
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/22/2023 PLATE NO. S4-51.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 185 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. S16-7R is the same as S16-7L except the arrow is reversed along the vertical centerline.



S16-7L

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 ½	⅜	⅜	3	30°	5 ¾	4	½	7																2.0
2S	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
2M	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
3	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
4	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
5																											

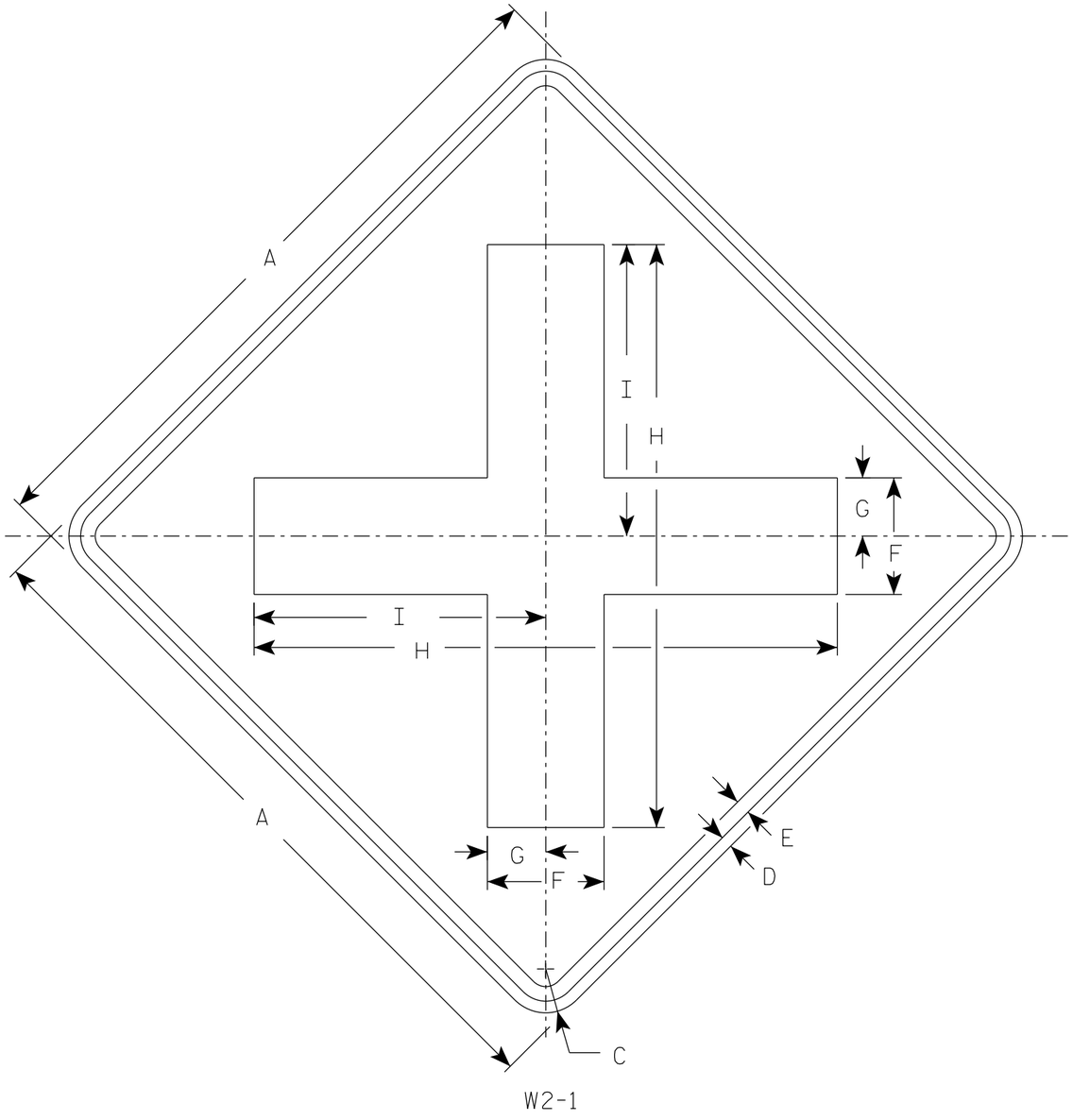
STANDARD SIGN
S16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/2023 PLATE NO. S16-7.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 186 | E



W2-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	4	2	20	10																		4.0
2S	30		1 7/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
2M	30		1 7/8	1/2	5/8	5	2 1/2	25	12 1/2																		6.25
3	36		2 1/4	5/8	3/4	6	3	30	15																		9.0
4	48		3	3/4	1	8	4	40	20																		16.0
5																											

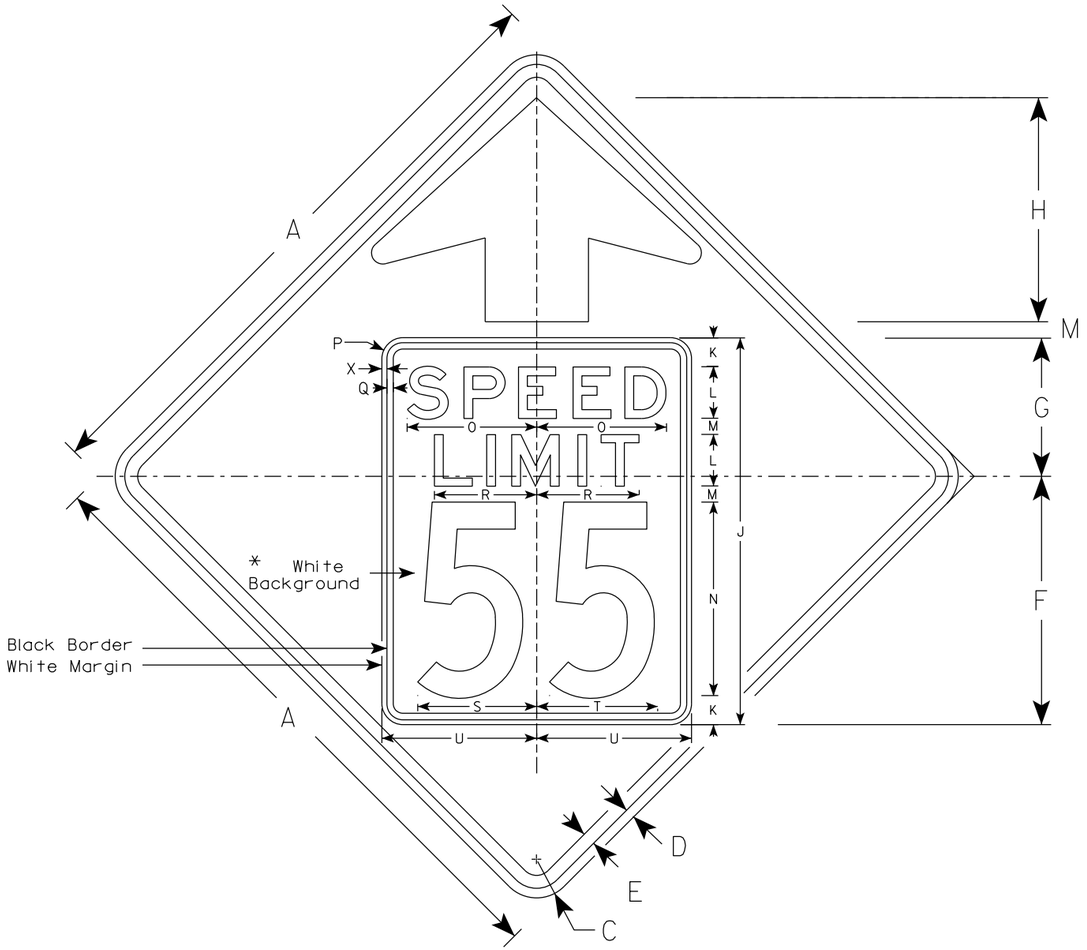
STANDARD SIGN
W2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/2023 PLATE NO. W2-1.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 187 E

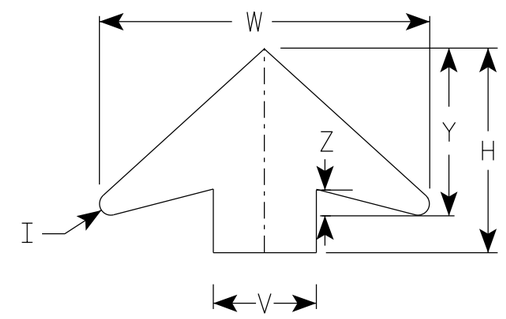


W3-5

NOTES

1. Sign is Type II - See Note 2 for Sheeting Type
2. Color: *
   Background - Yellow* (Type F Reflective)
   Message - Black
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background with black message (Type SH Reflective)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2M	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
3	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
4	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W3-5

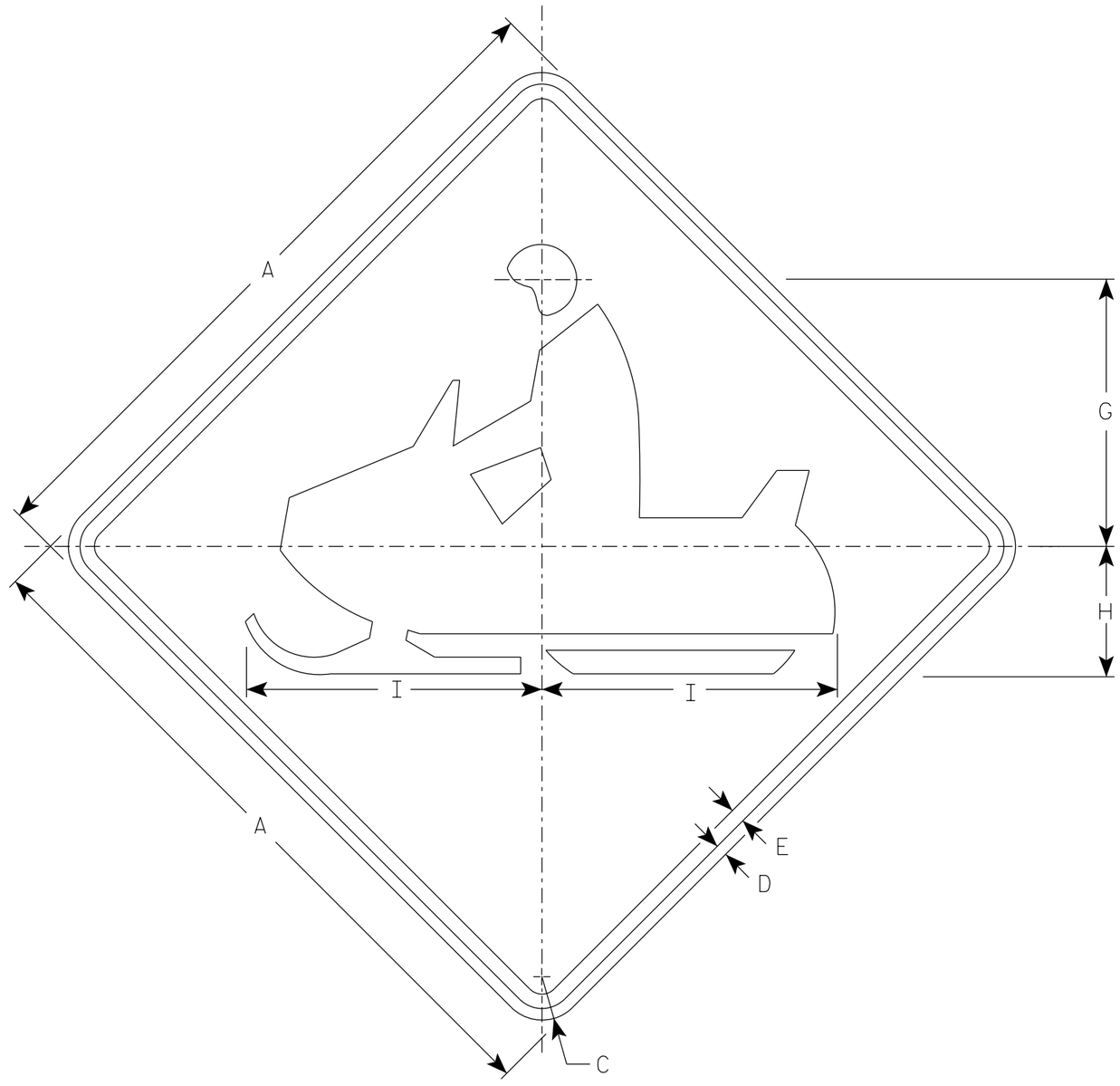
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/30/2023 PLATE NO. W3-5.7

PROJECT NO:

SHEET NO: 188 E



W11-6

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		9 1/2	4 1/2	10 1/4																		4.0
2S	30		1 7/8	1/2	5/8		11 1/2	5 5/8	12 3/4																		6.25
2M	30		1 7/8	1/2	5/8		11 1/2	5 5/8	12 3/4																		6.25
3	36		2 1/4	5/8	3/4		14 1/8	6 3/4	15 1/4																		9.0
4	48		3	3/4	1		19	9	20 1/2																		16.0
5																											

STANDARD SIGN
W11-6

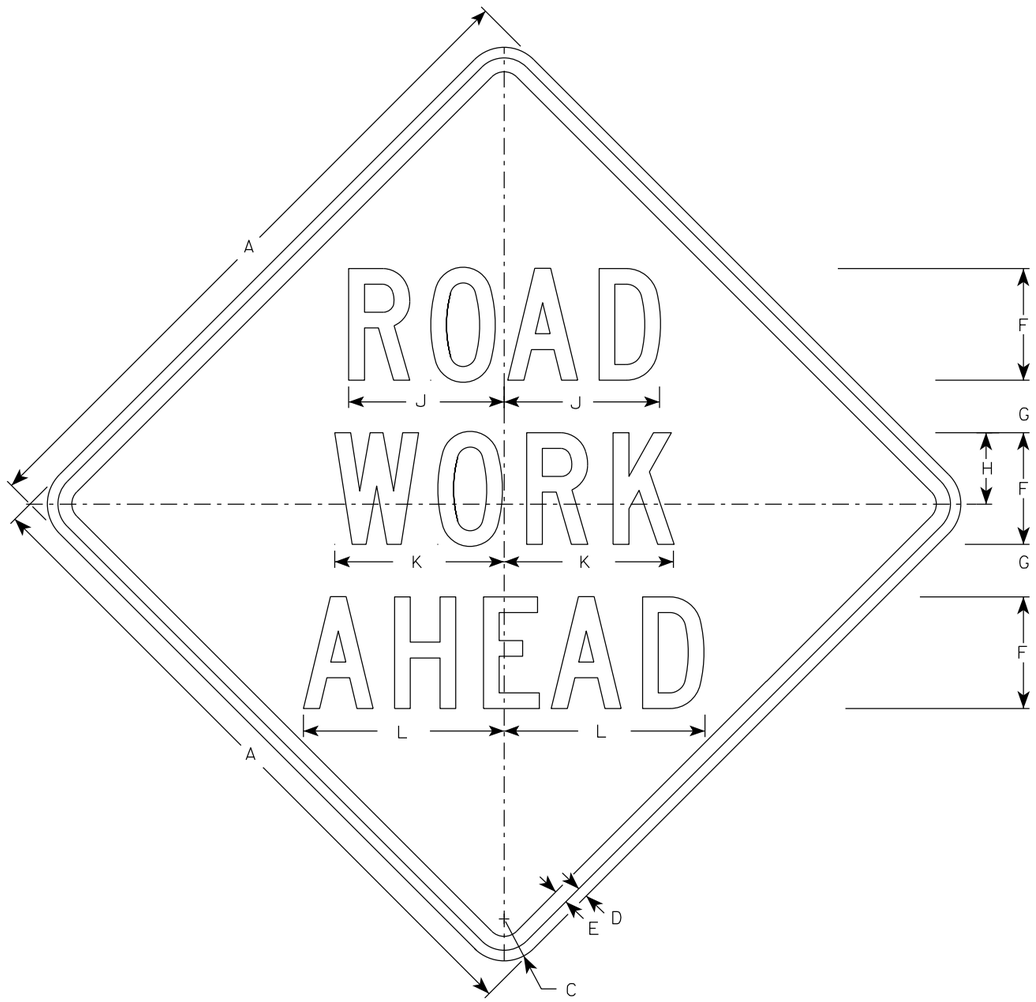
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

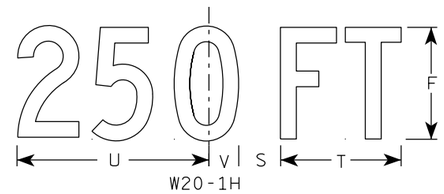
DATE 11/15/2023 PLATE NO. W11-6.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

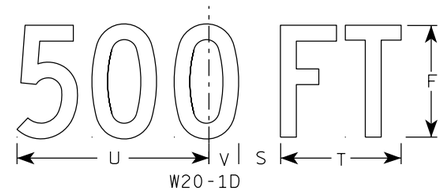
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W116.dgn PLOT DATE : 15-NOV 2023 8:45 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W20-1A



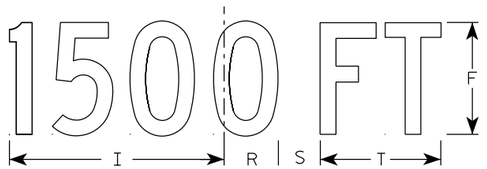
W20-1H



W20-1D



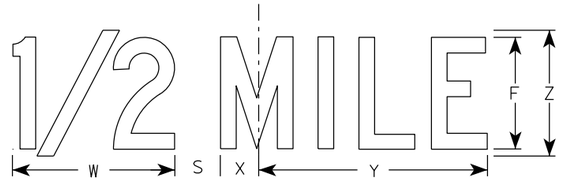
W20-1C



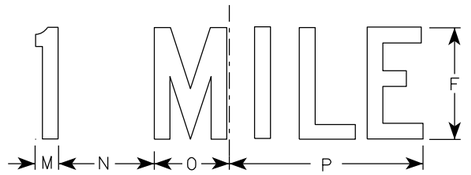
W20-1B

NOTES

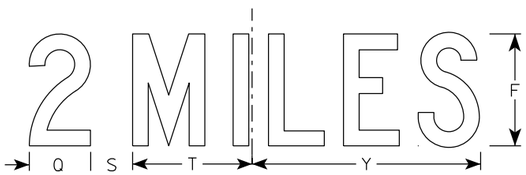
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

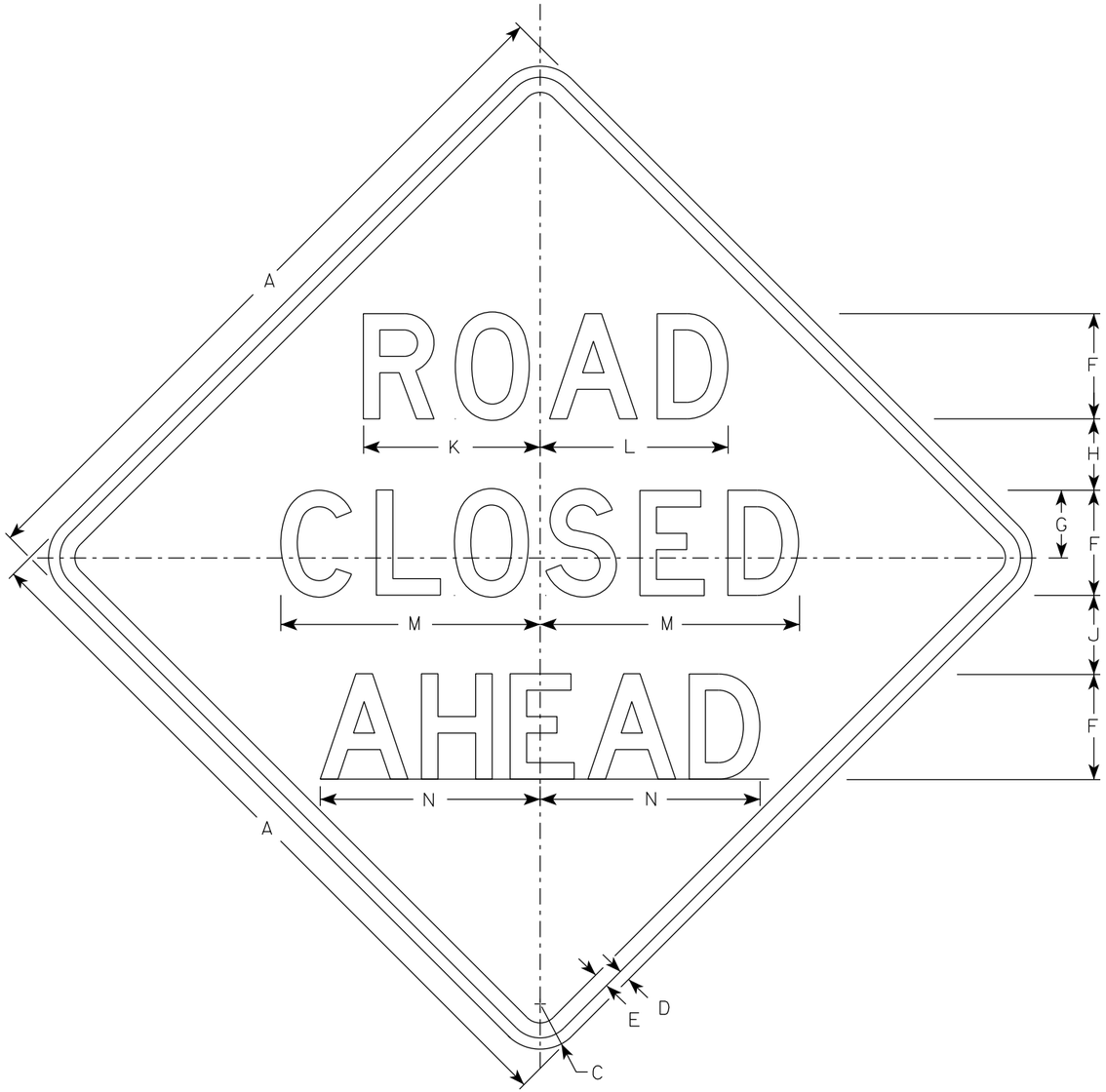
SHEET NO: 190 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W201.DGN PLOT DATE : 10-JAN 2024 11:16 PLOT BY : dotc4c

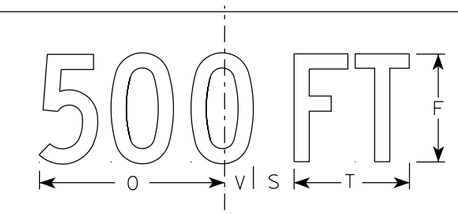
WISDOT/CADDS SHEET 42

7

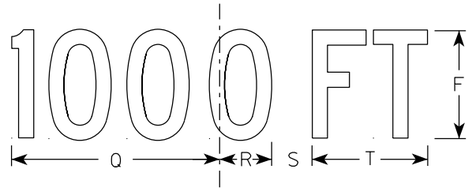
7



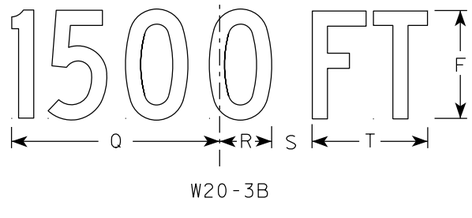
W20-3A



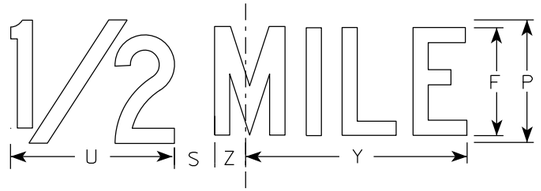
W20-3D



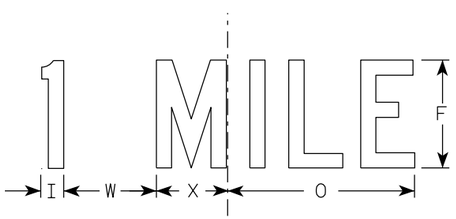
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		3	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$

7

DIVISION -1- ALI-CTH K (SHEET 1 OF 2)

STATION	REAL STATION	DISTANCE	AREA (SE)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	EILL	CUT	EILL	CUT 1.00	EXPANDED EILL 1.25	MASS ORDINATE
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
10+39	1039.00	0.00	41.25	0.01	0	0	0	0	0
10+50	1050.00	11.00	39.73	0.12	16	0	16	0	16
11+00	1100.00	50.00	35.95	1.55	70	2	86	3	84
11+50	1150.00	50.00	74.75	0.00	103	1	189	4	185
12+00	1200.00	50.00	44.05	0.00	110	0	299	4	295
12+50	1250.00	50.00	50.25	0.00	87	0	386	4	382
13+00	1300.00	50.00	56.46	0.00	99	0	485	4	481
13+50	1350.00	50.00	61.17	0.00	109	0	594	4	590
14+00	1400.00	50.00	51.79	0.00	105	0	699	4	695
14+50	1450.00	50.00	53.60	0.00	98	0	797	4	793
15+00	1500.00	50.00	47.09	3.19	93	3	890	8	883
15+50	1550.00	50.00	36.00	0.38	77	3	967	11	956
16+00	1600.00	50.00	27.42	1.91	59	2	1,026	14	1,012
16+50	1650.00	50.00	24.64	0.00	48	2	1,074	16	1,058
17+00	1700.00	50.00	28.60	2.06	49	2	1,123	19	1,104
17+50	1750.00	50.00	33.23	0.58	57	2	1,180	21	1,159
18+00	1800.00	50.00	34.13	0.16	62	1	1,242	23	1,220
18+34.84	1834.84	34.84	39.99	0.00	48	0	1,290	23	1,268
18+50	1850.00	15.16	35.29	0.00	21	0	1,311	23	1,289
19+00	1900.00	50.00	39.53	0.00	69	0	1,380	23	1,358
19+14.861	1914.86	14.86	49.20	0.00	24	0	1,404	23	1,382
19+50	1950.00	35.14	44.09	0.00	61	0	1,465	23	1,443
20+00	2000.00	50.00	34.25	0.00	73	0	1,538	23	1,516
20+50	2050.00	50.00	29.12	0.57	59	1	1,597	24	1,573
21+00	2100.00	50.00	24.95	0.46	50	1	1,647	25	1,622
21+50	2150.00	50.00	26.11	0.11	47	1	1,694	26	1,668
22+00	2200.00	50.00	44.26	0.00	65	0	1,759	26	1,733
22+50	2250.00	50.00	49.98	0.00	87	0	1,846	26	1,820
23+00	2300.00	50.00	47.25	0.00	90	0	1,936	26	1,910
23+50	2350.00	50.00	48.85	0.11	89	0	2,025	26	1,999
23+90.379	2390.38	40.38	77.11	0.00	94	0	2,119	26	2,093
24+00	2400.00	9.62	39.19	0.00	21	0	2,140	26	2,114
24+50	2450.00	50.00	37.70	0.00	71	0	2,211	26	2,185
25+00	2500.00	50.00	36.27	3.28	68	3	2,279	30	2,249
25+50	2550.00	50.00	29.73	0.00	61	3	2,340	34	2,306
				SHEET TOTAL	2,340	27			

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	[(CUT - (FILL * FILL FACTOR)]
	[CUT - ((FILL * FILL FACTOR)]

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PROJECT NO: 8800-00-70 | HWY: CTH K | COUNTY: WASHBURN | EARTHWORK DATA | SHEET 192 | E

DIVISION -1- ALI-CTH K (SHEET 2 OF 2)

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
26+00	2600.00	50.00	36.51	0.00	61	0	2,401	34	2,367
26+50	2650.00	50.00	41.52	0.00	72	0	2,473	34	2,439
27+00	2700.00	50.00	36.16	0.00	72	0	2,545	34	2,511
27+50	2750.00	50.00	27.51	0.11	59	0	2,604	34	2,570
28+00	2800.00	50.00	28.58	0.23	52	0	2,656	34	2,622
28+50	2850.00	50.00	42.42	0.00	66	0	2,722	34	2,688
29+00	2900.00	50.00	39.57	0.00	76	0	2,798	34	2,764
29+50	2950.00	50.00	37.92	0.00	72	0	2,870	34	2,836
29+79.306	2979.31	29.31	45.87	0.00	45	0	2,915	34	2,881
30+00	3000.00	20.69	38.63	0.00	32	0	2,947	34	2,913
30+50	3050.00	50.00	32.46	0.09	66	0	3,013	34	2,979
31+00	3100.00	50.00	29.98	0.15	58	0	3,071	34	3,037
31+50	3150.00	50.00	34.71	0.00	60	0	3,131	34	3,097
32+00	3200.00	50.00	43.16	0.00	72	0	3,203	34	3,169
32+50	3250.00	50.00	48.97	0.00	85	0	3,288	34	3,254
33+00	3300.00	50.00	42.97	0.00	85	0	3,373	34	3,339
33+50	3350.00	50.00	34.13	0.01	71	0	3,444	34	3,410
34+00	3400.00	50.00	27.36	0.20	57	0	3,501	34	3,467
34+14.083	3414.08	14.08	34.65	0.61	16	0	3,517	34	3,483
34+50	3450.00	35.92	29.61	0.39	43	1	3,560	35	3,525
35+00	3500.00	50.00	30.54	0.05	56	0	3,616	35	3,581
35+50	3550.00	50.00	40.96	0.00	66	0	3,682	35	3,647
35+55.518	3555.52	5.52	41.88	0.00	8	0	3,690	35	3,655
35+66.239	3566.24	10.72	47.45	0.00	18	0	3,708	35	3,673
36+00	3600.00	33.76	39.74	0.00	55	0	3,763	35	3,728
36+50	3650.00	50.00	34.40	0.11	69	0	3,832	35	3,797
36+65.384	3665.38	15.38	38.65	0.33	21	0	3,853	35	3,818
37+00	3700.00	34.62	31.18	0.25	45	0	3,898	35	3,863
37+28.396	3728.40	28.40	40.25	0.01	38	0	3,936	35	3,901
37+50	3750.00	21.60	31.57	0.26	29	0	3,965	35	3,930
38+00	3800.00	50.00	39.16	0.00	65	0	4,030	35	3,995
38+50	3850.00	50.00	49.94	0.00	83	0	4,113	35	4,078
39+00	3900.00	50.00	36.33	0.13	80	0	4,193	35	4,158
				SHEET TOTAL	1,853	1			
				TOTAL	4,193	28			

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PROJECT NO: 8800-00-70 | HWY: CTH K | COUNTY: WASHBURN | EARTHWORK DATA | SHEET 193 | E

DIVISION -1- N SUMMIT ST-SOUTH

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
152+25	15225.00	0.00	51.65	0.08	0	0	0	0	0
152+50	15250.00	25.00	89.66	0.00	65	0	65	0	65
152+75	15275.00	25.00	87.84	3.73	82	2	147	3	145
152+91.296	15291.30	16.30	86.86	6.63	53	3	200	6	194
				TOTAL	200	5			

DIVISION -1- CEDAR ST

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
160+14.168	16014.17	0.00	95.91	0.00	0	0	0	0	0
160+25	16025.00	10.83	60.53	7.64	31	2	31	3	29
160+50	16050.00	25.00	37.59	1.96	45	4	76	8	69
160+66.872	16066.87	16.87	38.48	0.11	24	1	100	9	91
				TOTAL	100	7			

DIVISION -1- RUSK ST

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
170+50	17050.00	0.00	32.12	0.25	0	0	0	0	0
170+65	17065.00	15.00	31.96	0.00	18	0	18	0	18
170+75	17075.00	10.00	43.23	0.00	14	0	32	0	32
				TOTAL	32	0			

DIVISION -1- N SUMMIT ST-NORTH

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
180+13.999	18014.00	0.00	45.98	0.00	0	0	0	0	0
180+25	18025.00	11.00	32.87	0.30	16	0	16	0	16
180+50	18050.00	25.00	15.17	20.46	22	10	38	13	26
180+75	18075.00	25.00	24.83	0.25	19	10	57	25	32
181+00	18100.00	25.00	37.10	0.11	29	0	86	25	61
				TOTAL	86	20			

DIVISION -1- W HAZEL ST

STATION	REAL STATION	DISTANCE	AREA (SE)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	EILL	CUT	EILL	CUT	EXPANDED EILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
190+14.371	19014.37	0.00	85.88	0.04	0	0	0	0	0
190+25	19025.00	10.63	52.71	0.15	27	0	27	0	27
190+50	19050.00	25.00	30.09	1.44	38	1	65	1	64
190+75	19075.00	25.00	21.40	0.07	24	1	89	3	87
				TOTAL	89	2			

DIVISION -1- SMITH ST

STATION	REAL STATION	DISTANCE	AREA (SE)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	EILL	CUT	EILL	CUT	EXPANDED EILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
200+63.51	20063.51	0.00	36.22	0.11	0	0	0	0	0
200+75	20075.00	11.49	45.99	0.00	17	0	17	0	17
200+86.291	20086.29	11.29	78.26	0.00	26	0	43	0	43
				TOTAL	43	0			

DIVISION -1- SPRUCE ST-SOUTH

STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	EILL	CUT	EILL	CUT	EXPANDED EILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
220+13.801	22013.80	0.00	94.59	0.00	0	0	0	0	0
220+25	22025.00	11.20	56.15	0.33	31	0	31	0	31
220+50	22050.00	25.00	46.81	0.17	48	0	79	0	79
220+75	22075.00	25.00	74.27	0.09	56	0	135	0	135
221+00	22100.00	25.00	44.51	0.06	55	0	190	0	190
				TOTAL	190	0			

DIVISION -1- SPRUCE ST-NORTH

STATION	REAL STATION	DISTANCE	AREA (SE)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	EILL	CUT	FILL	CUT	EXPANDED EILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
230+65	23065.00	0.00	31.12	0.21	0	0	0	0	0
230+75	23075.00	10.00	34.94	0.00	12	0	12	0	12
230+86.059	23086.06	11.06	62.09	0.00	20	0	32	0	32
				TOTAL	32	0			

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DIVISION -1- BALSAM ST

STATION	REAL STATION	DISTANCE	AREA (SE)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	EILL	CUT	EILL	CUT	EXPANDED EILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
240+13.972	24013.97	0.00	84.54	0.00	0	0	0	0	0
240+25	24025.00	11.03	48.15	0.08	27	0	27	0	27
240+50	24050.00	25.00	36.11	0.09	39	0	66	0	66
240+65	24065.00	15.00	36.27	0.24	20	0	86	0	86
				TOTAL	86	0			

DIVISION -1- POPLAR ST

STATION	REAL STATION	DISTANCE	AREA (SE)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	EILL	CUT	EILL	CUT	EXPANDED FILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
250+15.96	25015.96	0.00	116.73	0.00	0	0	0	0	0
250+25	25025.00	9.04	60.71	0.00	30	0	30	0	30
250+50	25050.00	25.00	36.32	0.17	45	0	75	0	75
250+60	25060.00	10.00	38.84	0.21	14	0	89	0	89
				TOTAL	89	0			

DIVISION -1- DIVISION ST

STATION	REAL STATION	DISTANCE	AREA (SE)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
			CUT	FILL	CUT	FILL	CUT	EXPANDED EILL	MASS ORDINATE
							1.00	1.25	
					NOTE 1	NOTE 3	NOTE 1		NOTE 8
270+17.355	27017.36	0.00	116.24	0.53	0	0	0	0	0
270+25	27025.00	7.64	73.96	0.20	27	0	27	0	27
270+46.4	27046.40	21.40	46.97	0.12	48	0	75	0	75
				TOTAL	75	0			

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DIVISION	EROM/TO STATION		LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	AVAILABLE MATERIAL (5)	UNEXPANDED EILL	EXPANDED EILL (13) EACTOR 1.25	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
DIVISION 1											
CTH K	10+39	39+00	CTH K	4,193	4,193	28	35	4,158	4,158		
N SUMMIT ST (S)	152+25	152.92.51	N SUMMIT ST (S)	200	200	5	6	194	194		
CEDAR ST	160+13.5	160+66.87	CEDAR ST	100	100	7	9	91	91		
RUSK ST	170+50	170+75	RUSK ST	32	32	0	0	32	32		
N SUMMIT ST (N)	180+13.5	181+00	N SUMMIT ST (N)	86	86	20	25	61	61		
HAZEL ST	190+13.5	190+75	HAZEL ST	89	89	2	3	87	87		
SMITH ST	200+63.51	200+86.49	SMITH ST	43	43	0	0	43	43		
SPRUCE & HIGH ST	220+13.5	221+00	SPRUCE & HIGH ST	190	190	0	0	190	190		
SPRUCE ST (N)	230+65	230+86.5	SPRUCE ST (N)	32	32	0	0	32	32		
BALSAM ST	240+13.5	240+65	BALSAM ST	86	86	0	0	86	86		
POPLAR ST	250+13.5	250+55.41	POPLAR ST	89	89	0	0	89	89		
DIVISION ST	270+15.01	270+46.4	DIVISION ST	75	75	0	0	75	75		
DIVISION 1 SUBTOTAL				5,215	5,215	62	78	5,138	5,138		
GRAND TOTAL				5,215	5,215	62	78	5,138	5,138	0	
TOTAL COMMON EXC				5,215							

NOTES:

(1) COMMON EXCAVATION IS THE SUM OE THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

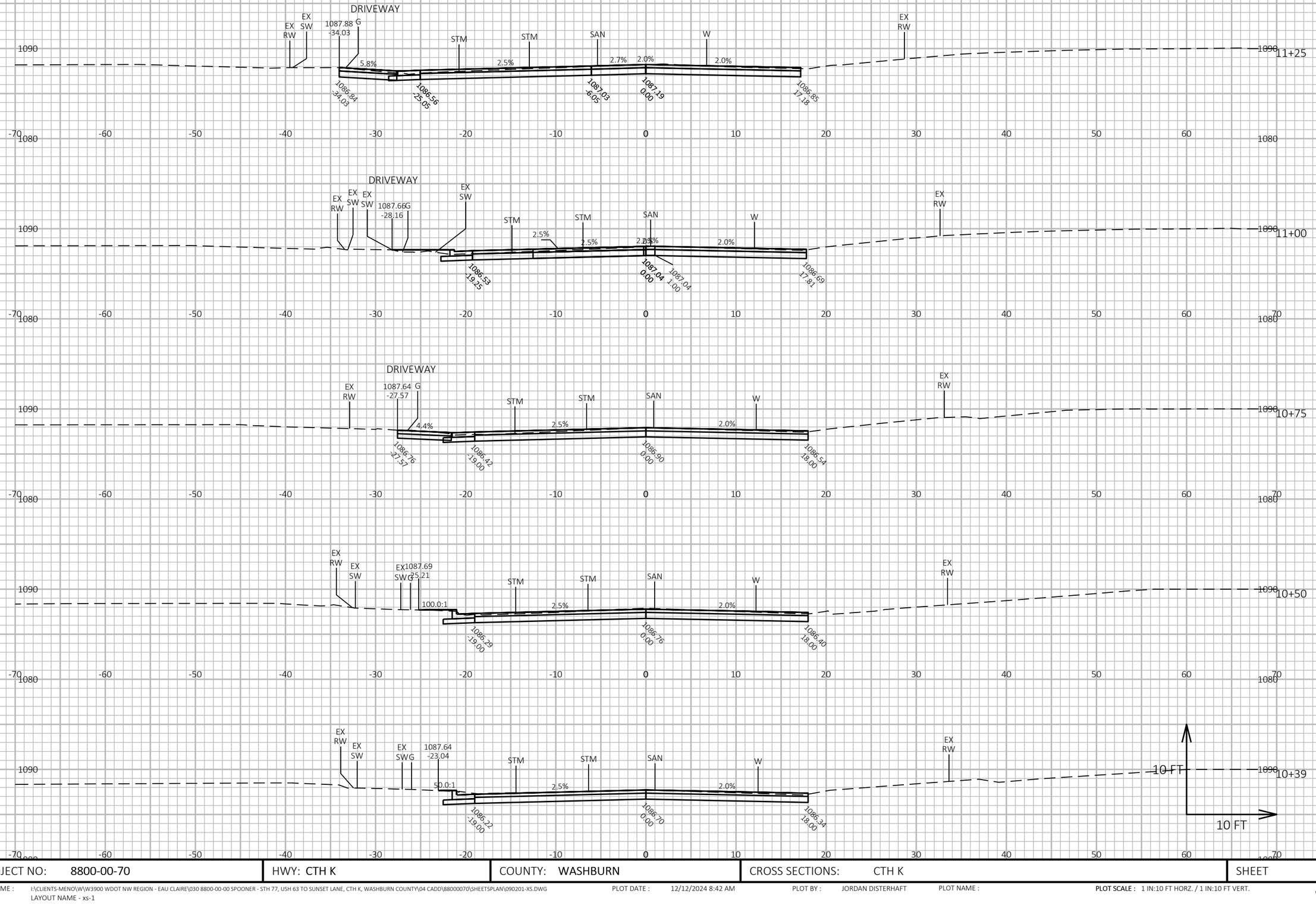
5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(13) EXPANDED EILL EACTOR = 1.25

DEPENDING ON SELECTIONS: EXPANDED FILL = (UNEXPANDED FILL) * FILL FACTOR

(14) THE MASS ORDINATE + OR - QTY CALCULATED EOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OE MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OE MATERIAL WITHIN THE DIVISION.

(15) EACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIEIED ARE FOR GENERAL INEORMATION ONLY.



9

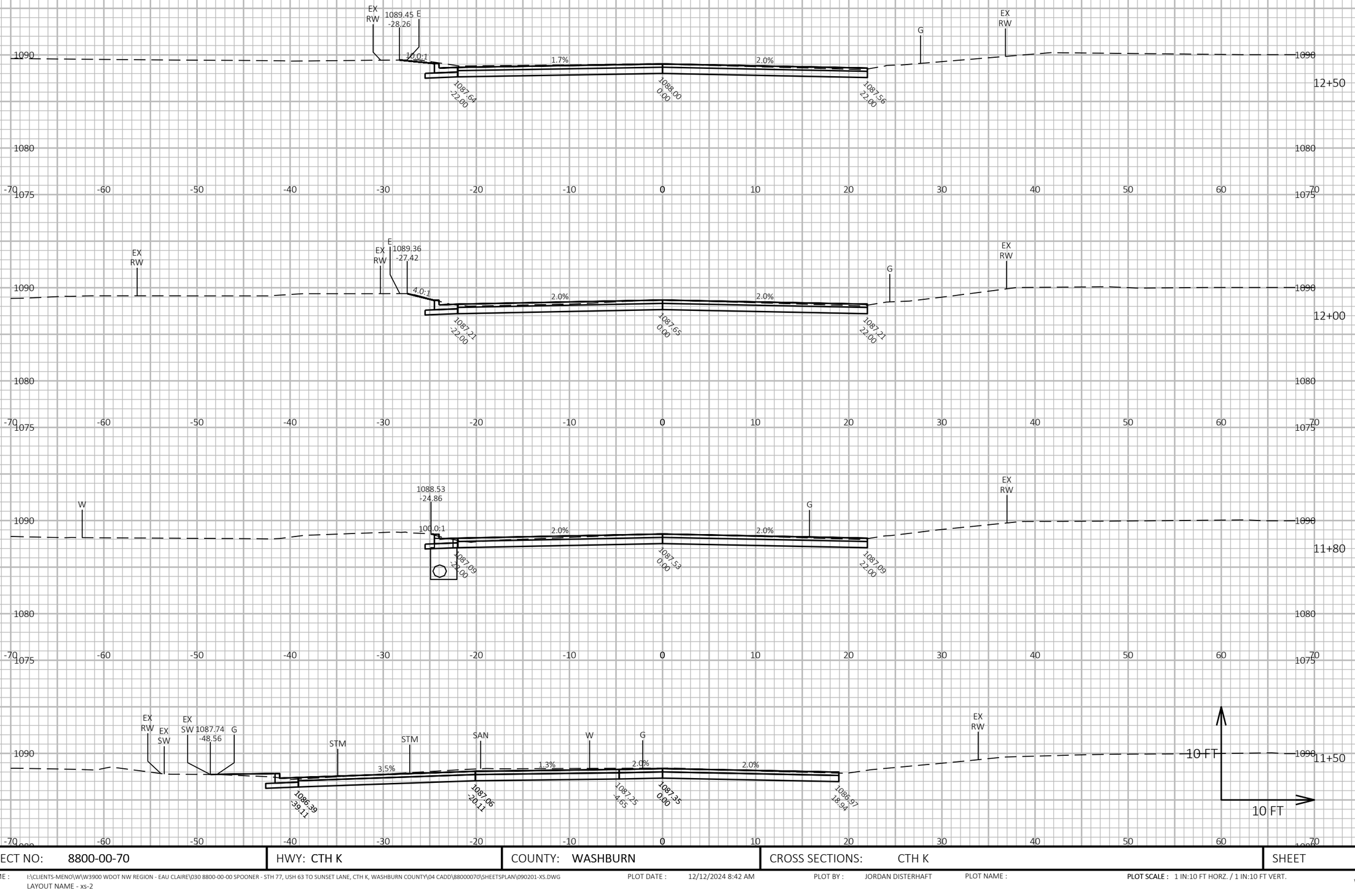
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 198	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-1

PLOT DATE : 12/12/2024 8:42 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 199	E

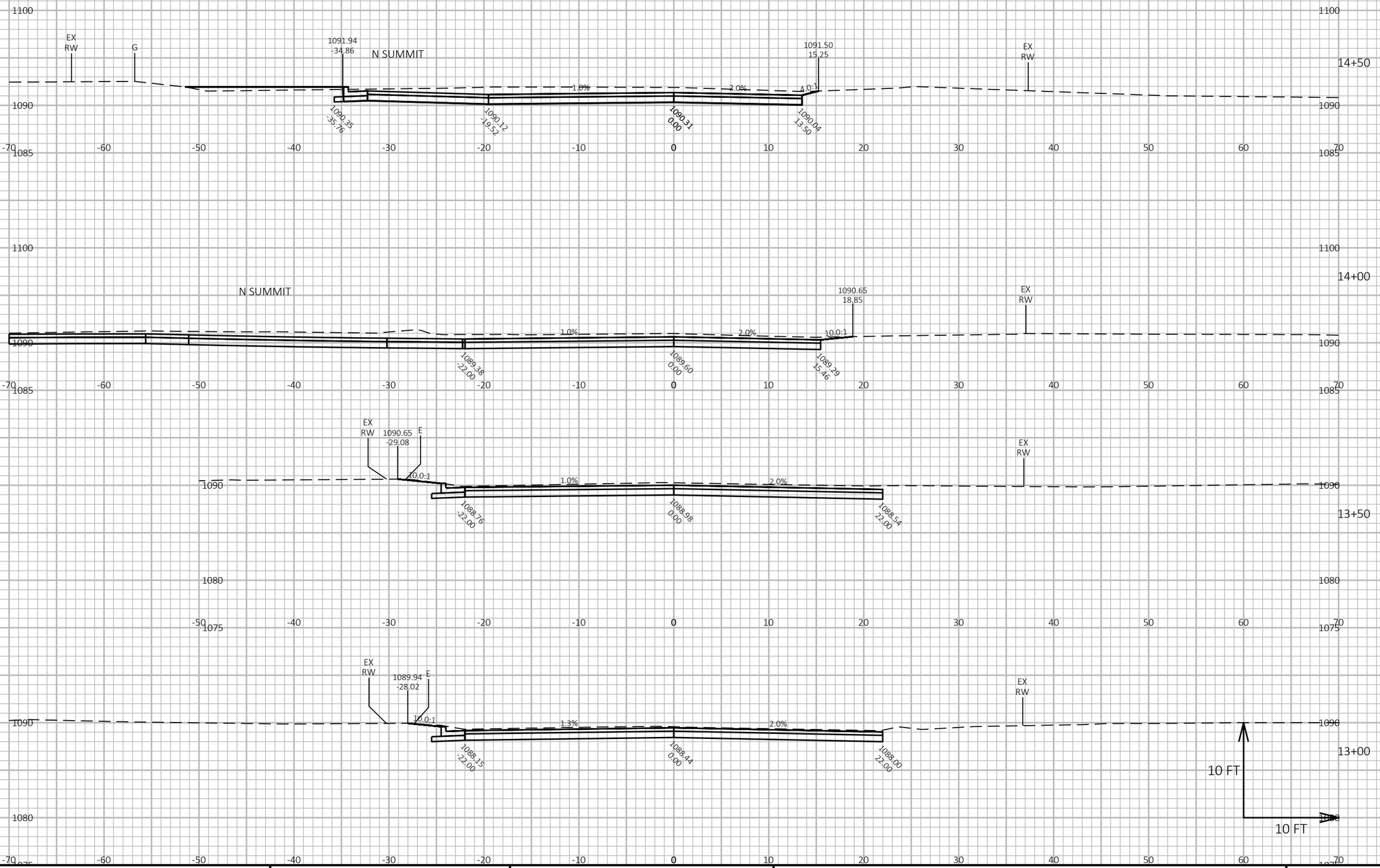
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-2

PLOT DATE : 12/12/2024 8:42 AM

PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

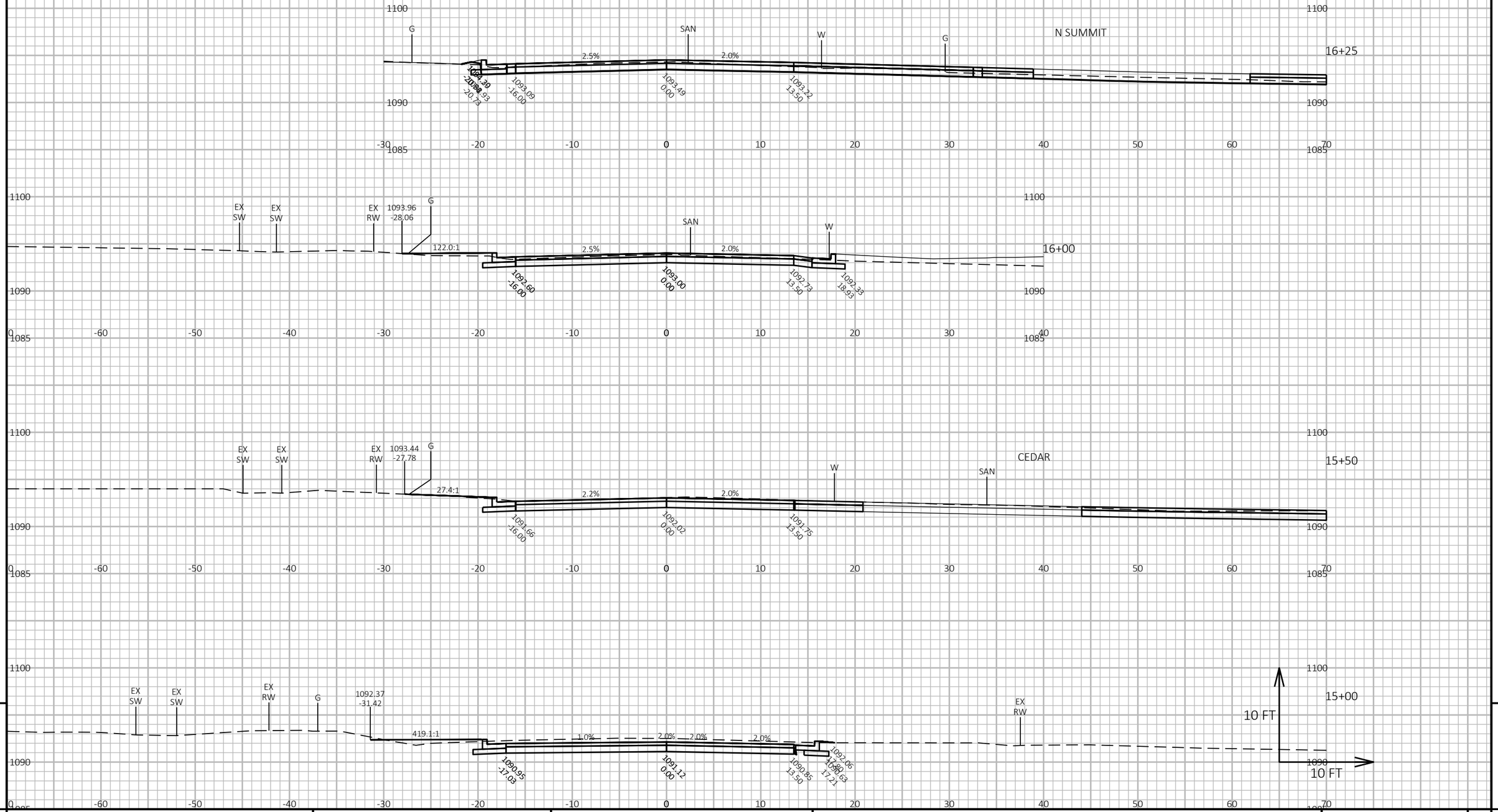
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 200	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-3

PLOT DATE : 12/12/2024 8:43 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

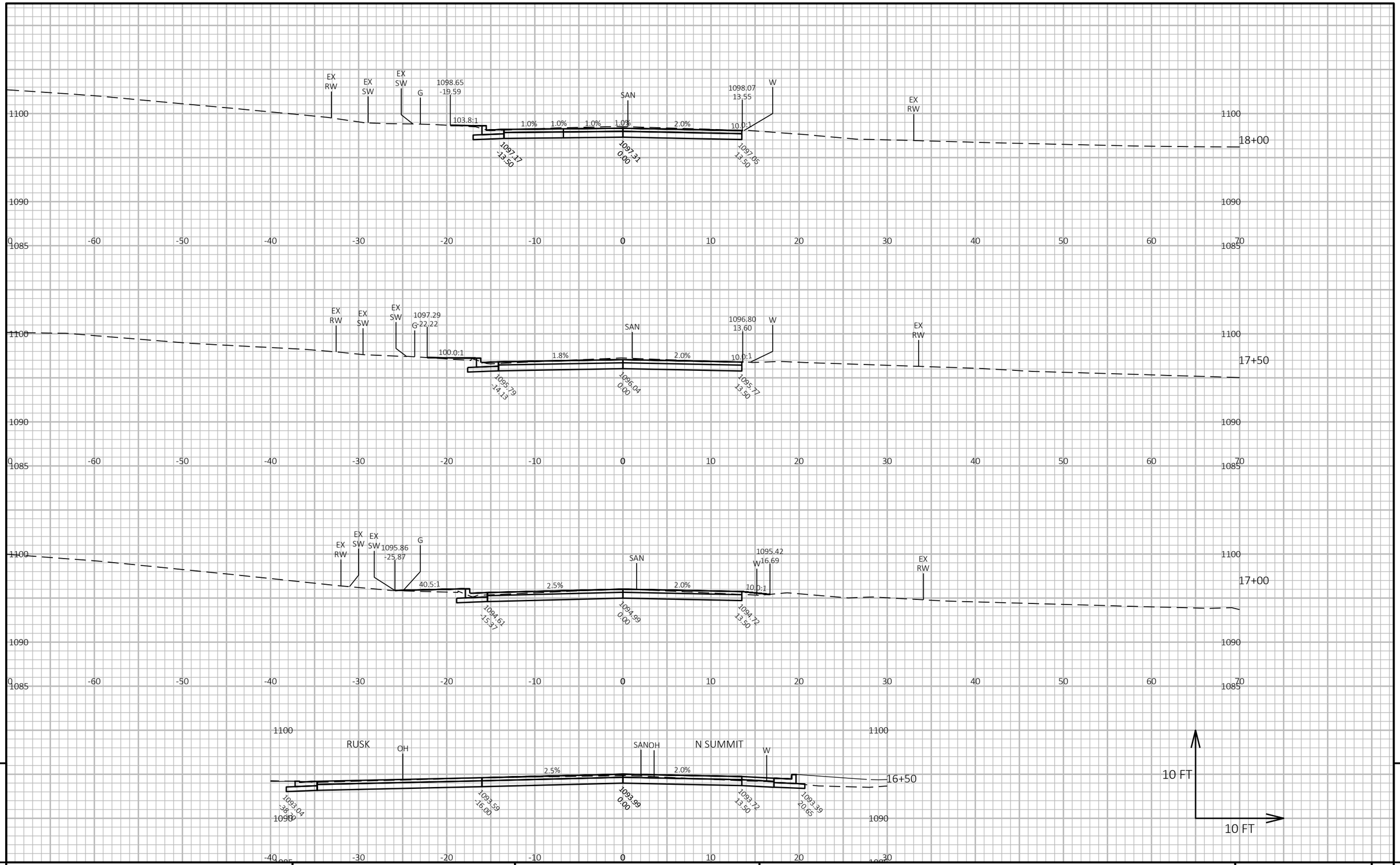


PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 201	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-4

PLOT DATE : 12/12/2024 8:43 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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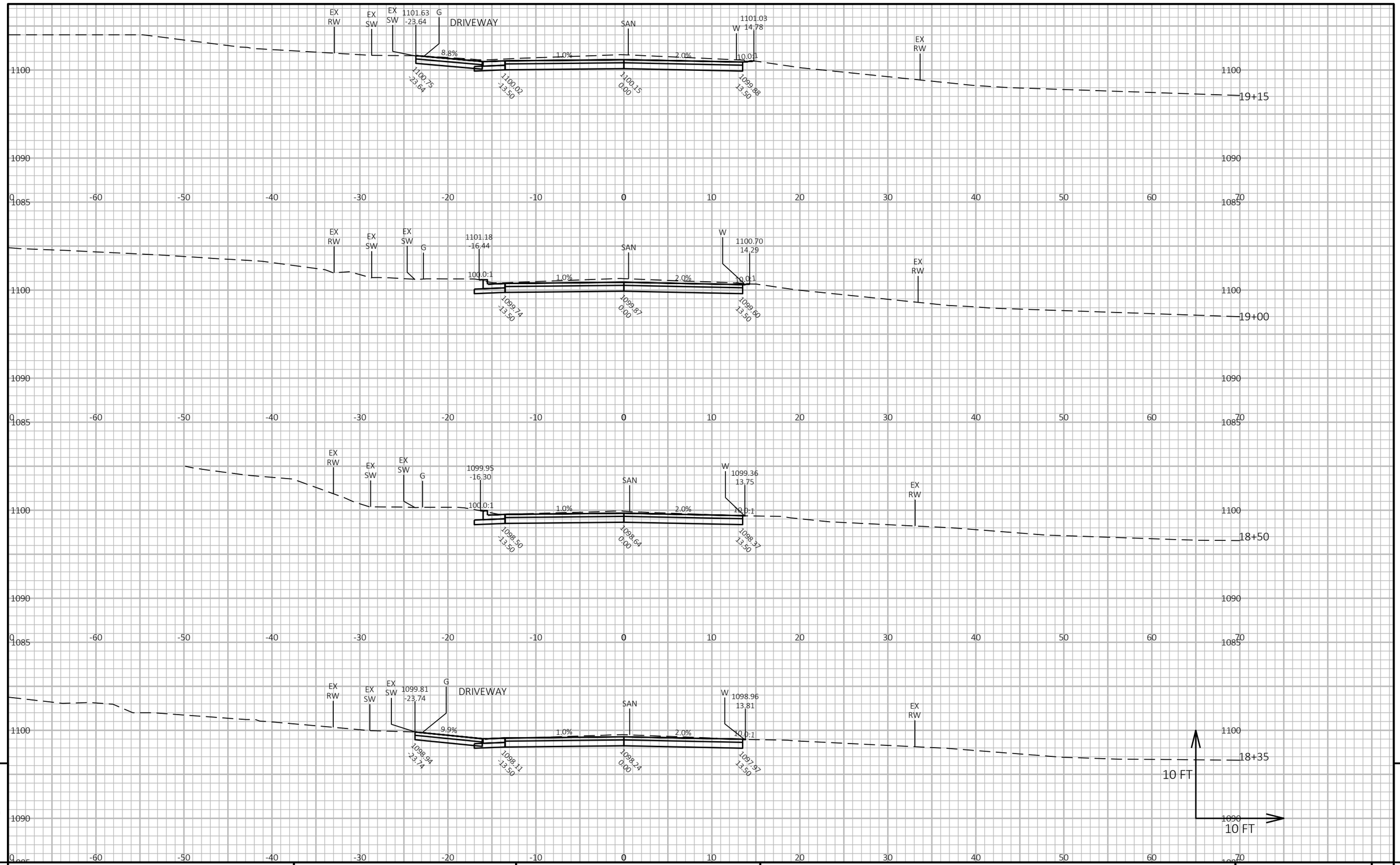
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 202	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-5

PLOT DATE : 12/12/2024 8:43 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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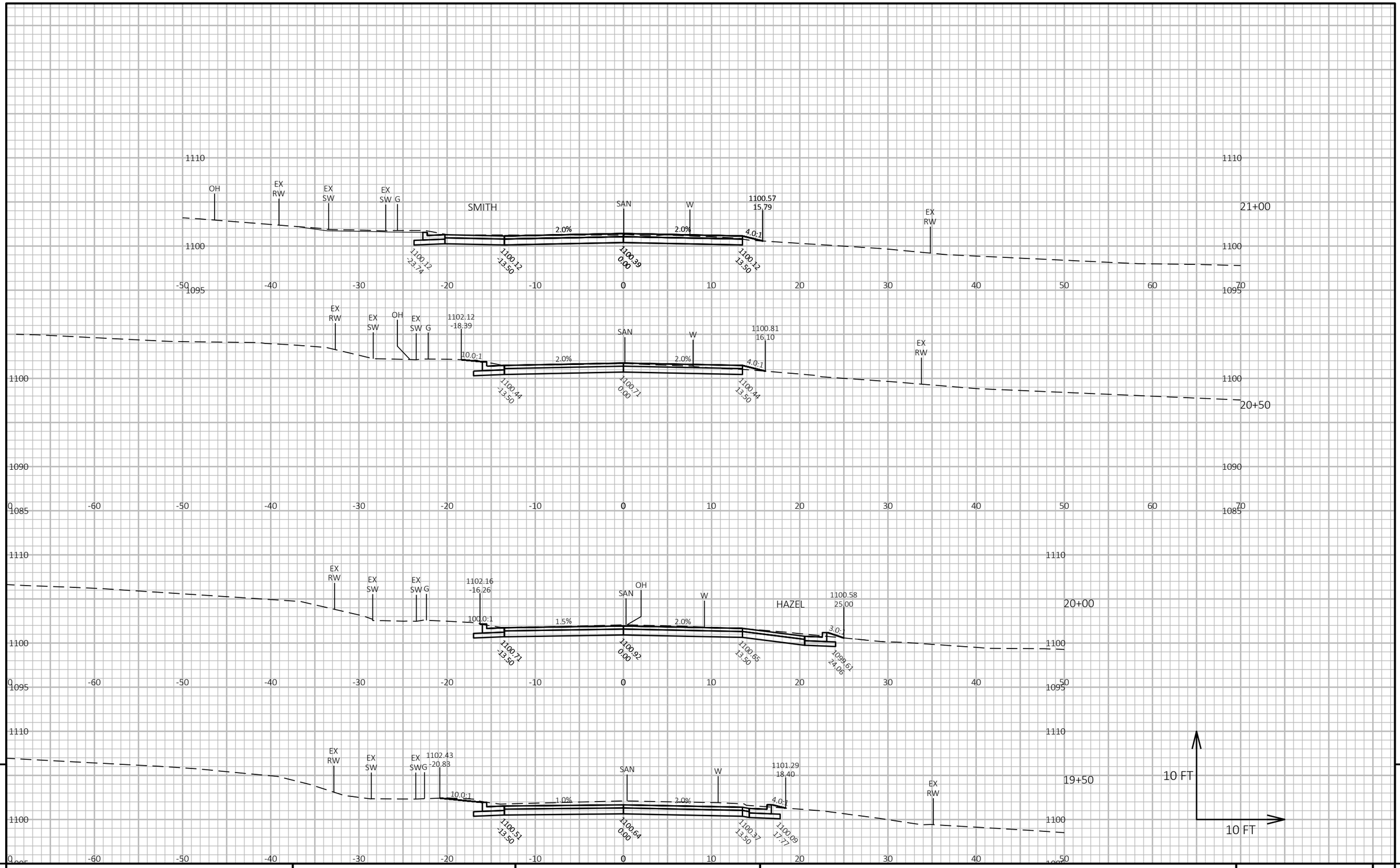
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 203	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-6

PLOT DATE : 12/12/2024 8:43 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

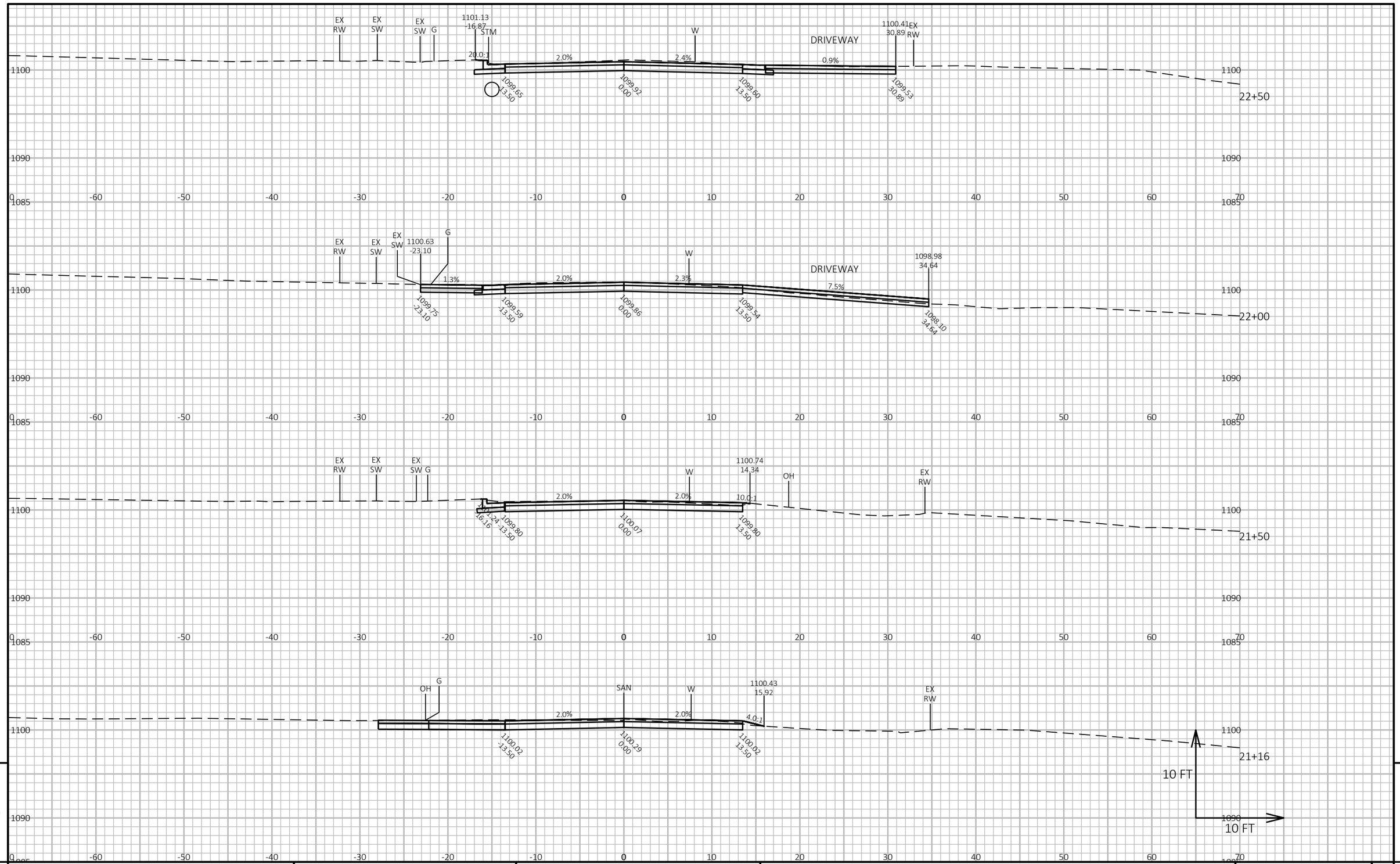


PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 204	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-7

PLOT DATE : 12/12/2024 8:43 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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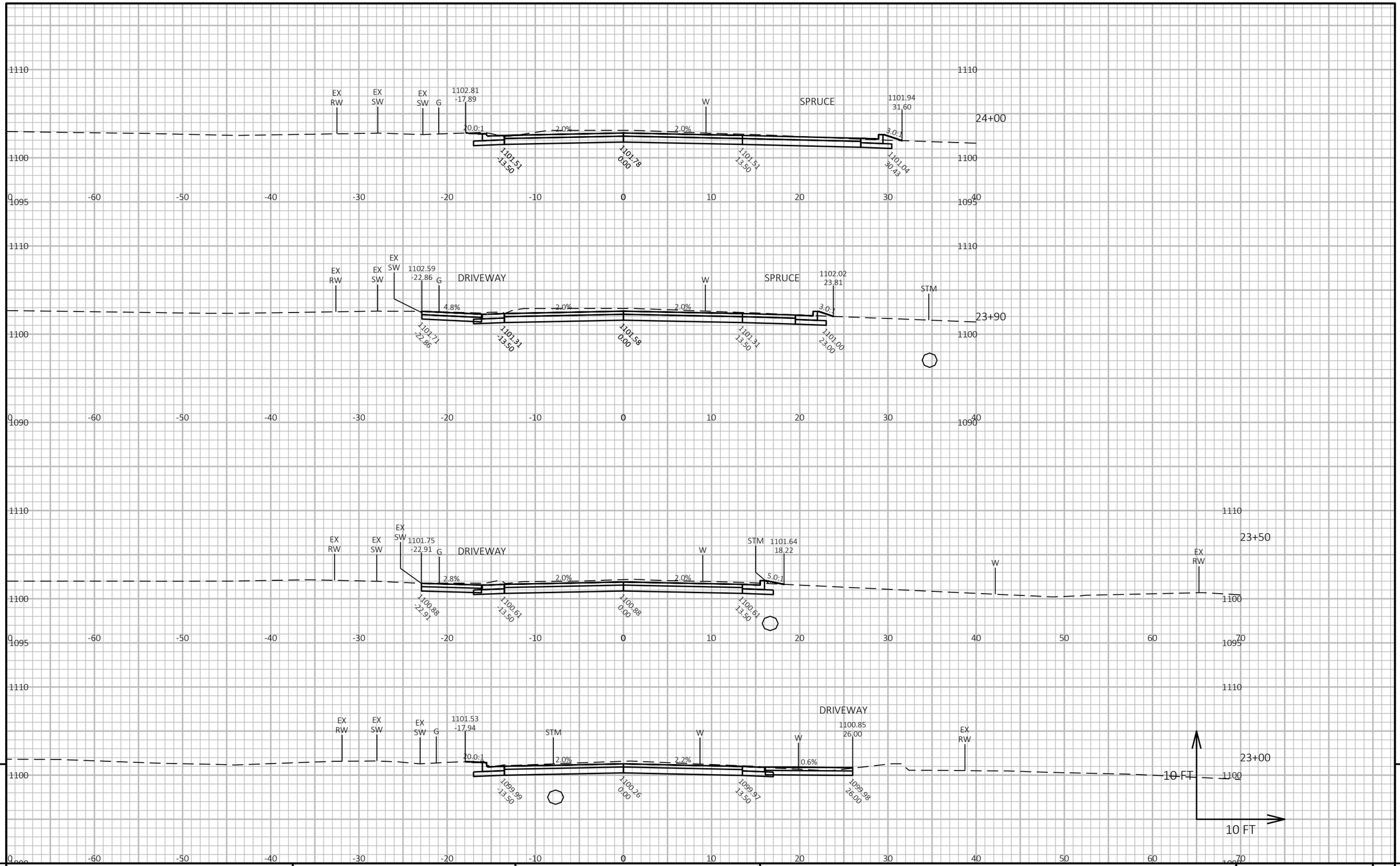
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 205	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-8

PLOT DATE : 12/12/2024 8:43 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 206	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-9

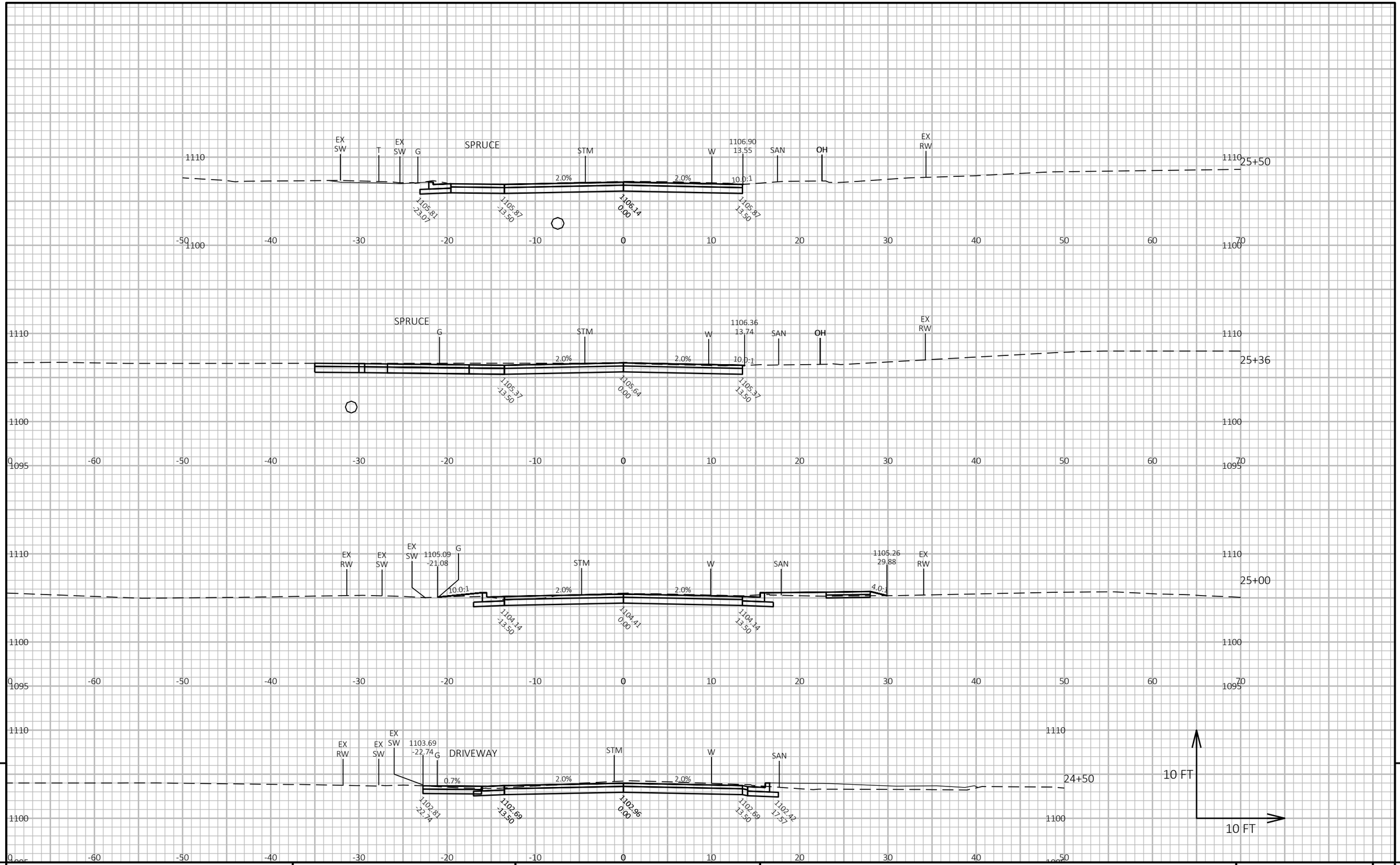
PLOT DATE : 12/12/2024 8:44 AM

PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 207	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-10

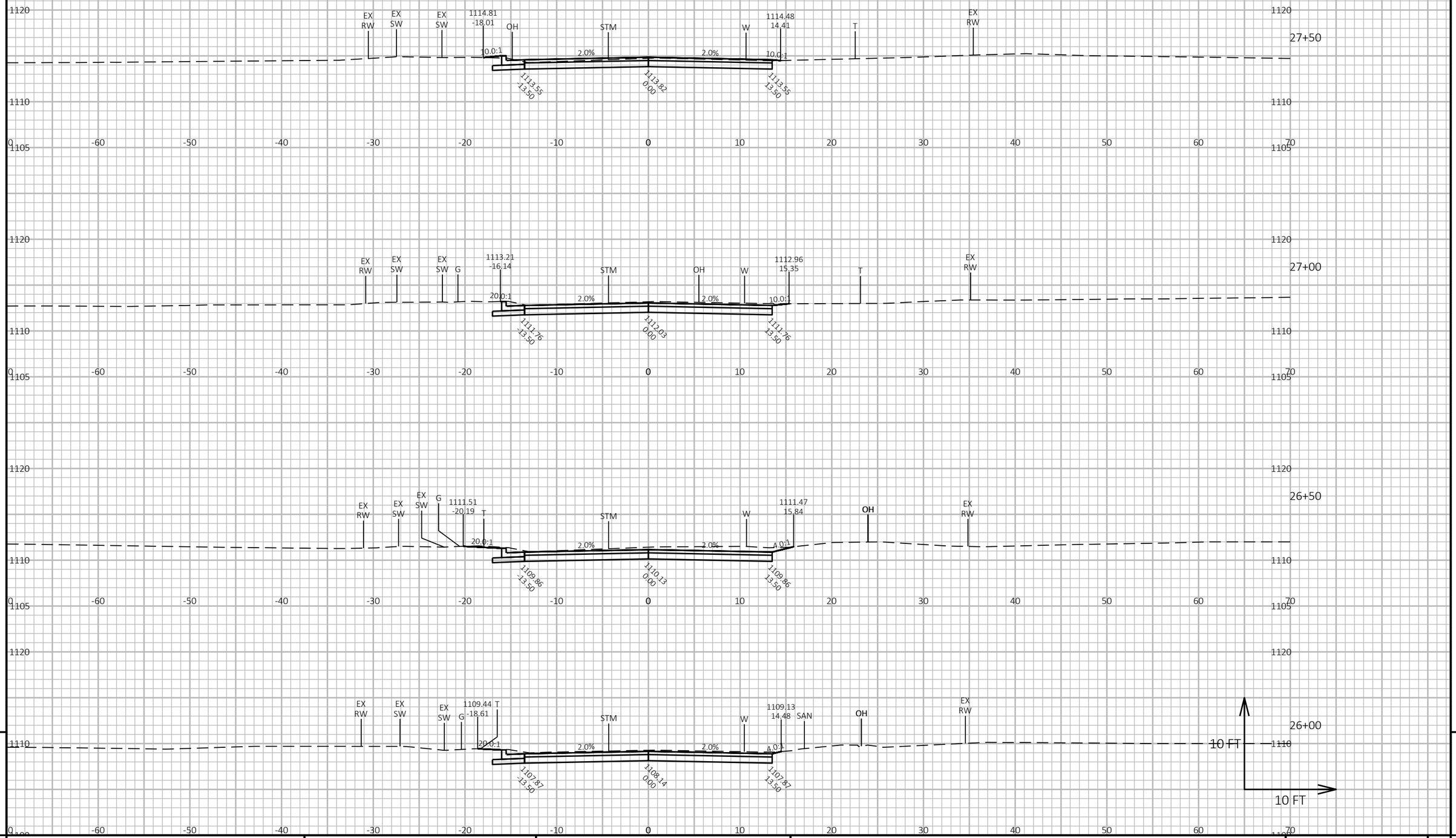
PLOT DATE : 12/12/2024 8:44 AM

PLOT BY : JORDAN DISTERHAFT

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: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 208	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-11

PLOT DATE : 12/12/2024 8:44 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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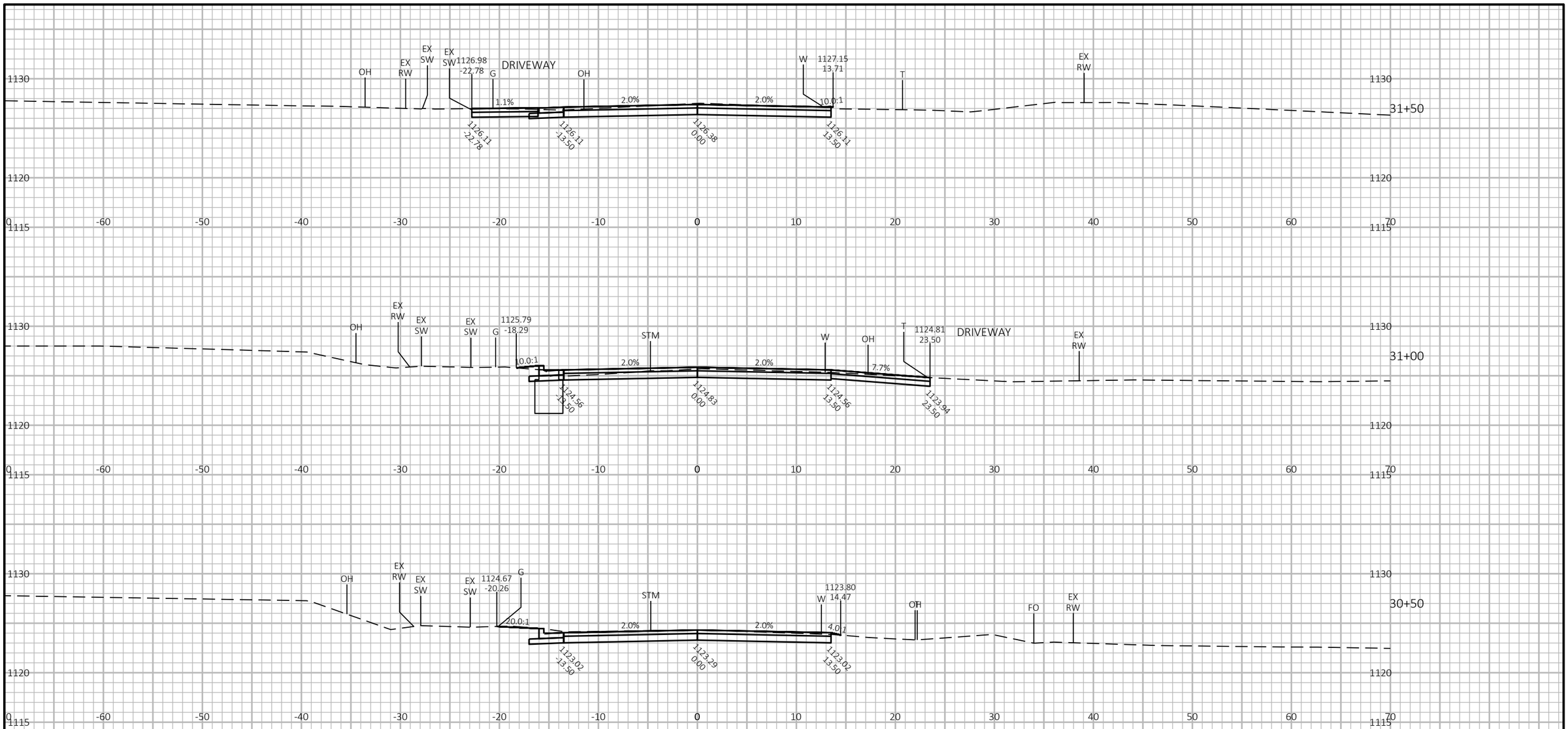
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 209	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-12

PLOT DATE : 12/12/2024 8:44 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 210	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-13

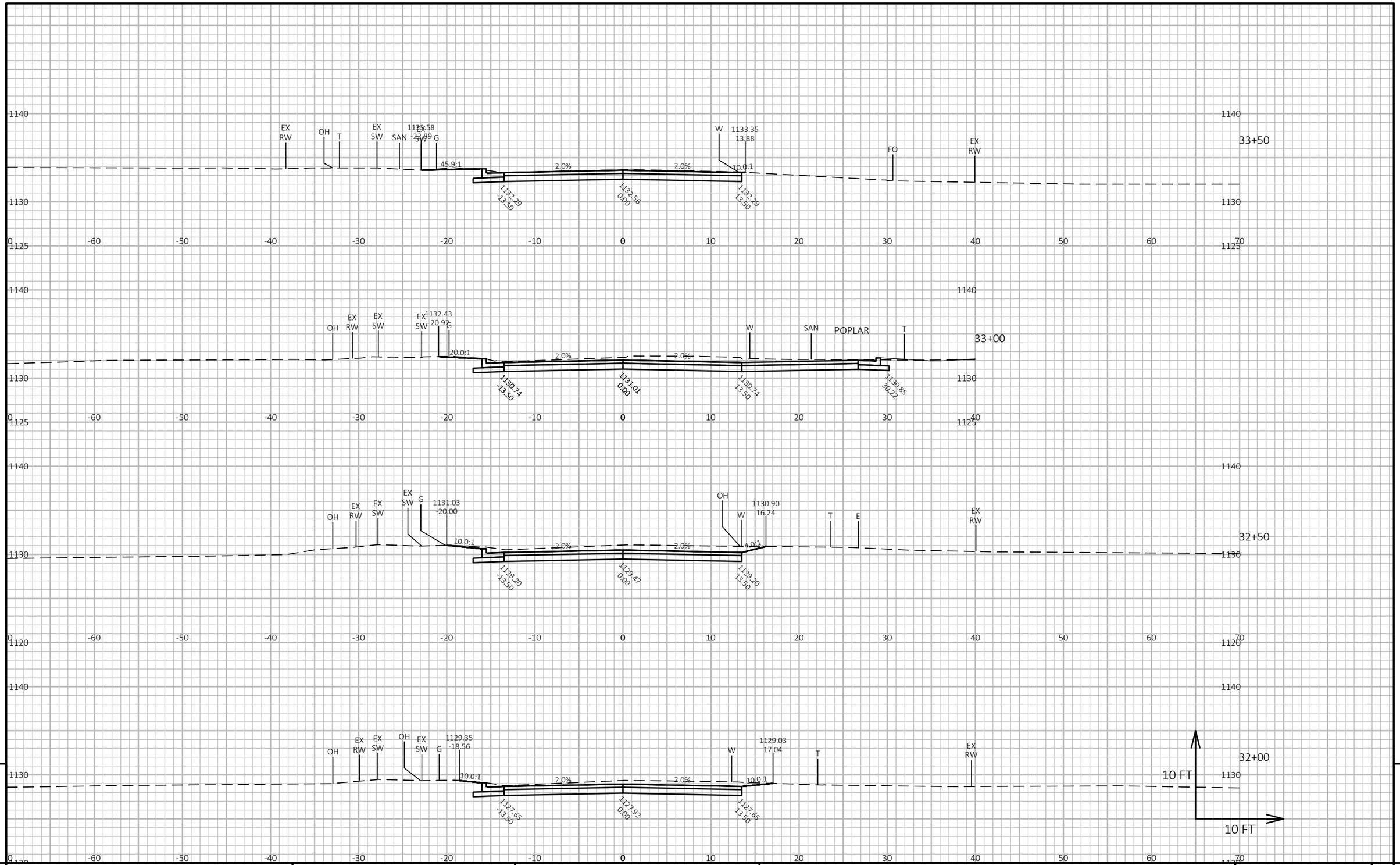
PLOT DATE : 12/12/2024 8:44 AM

PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



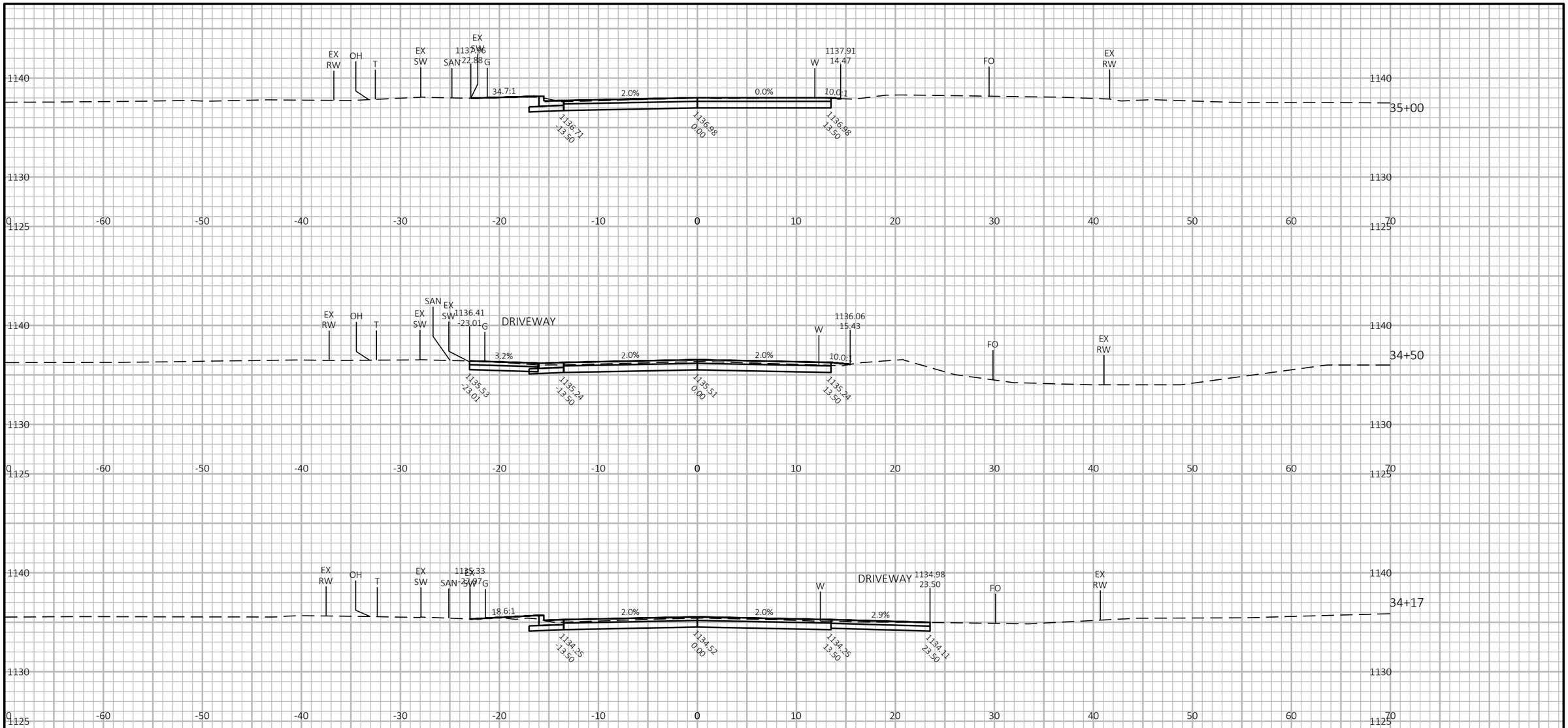
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 211	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-14

PLOT DATE : 12/12/2024 8:44 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



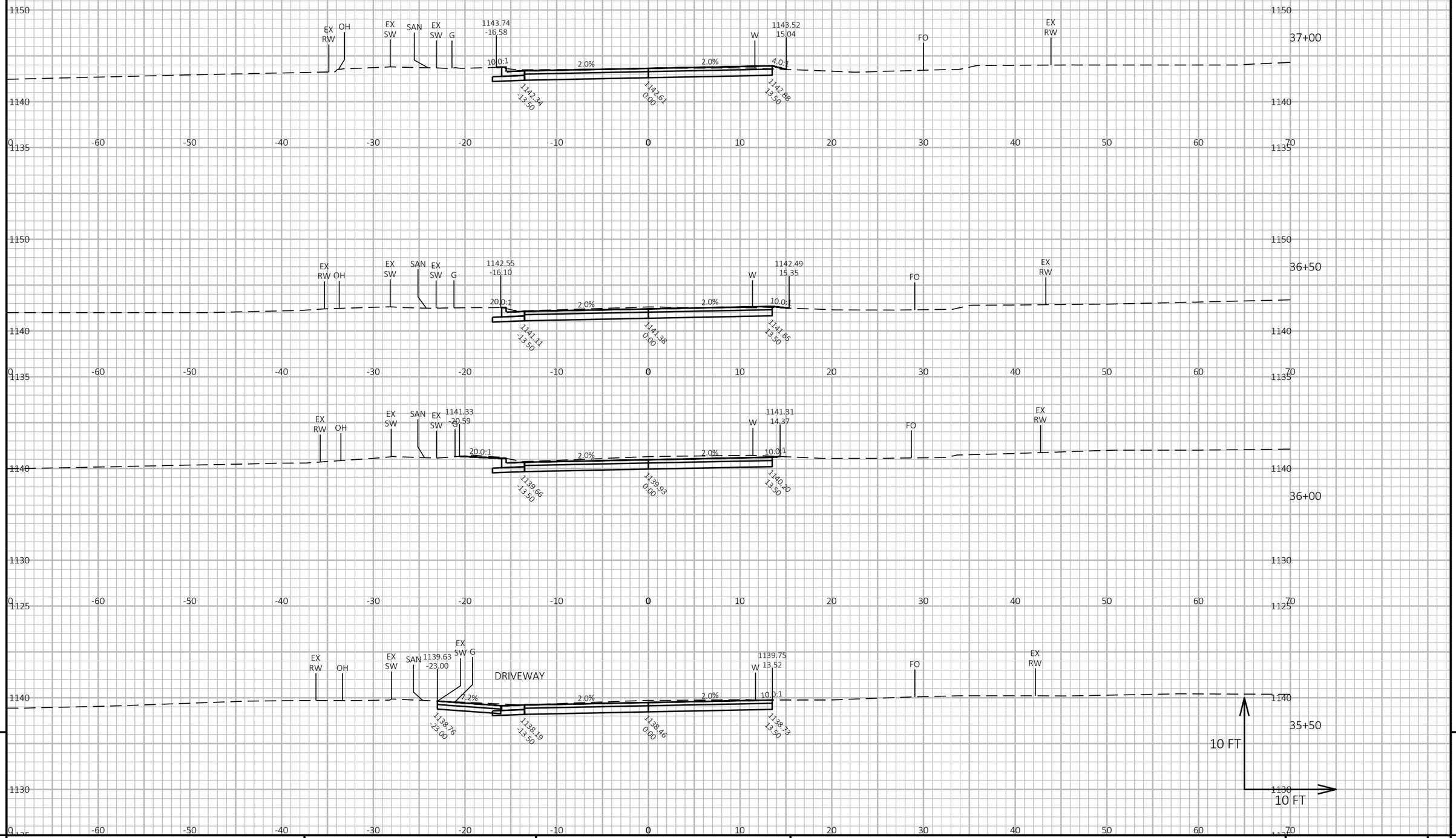
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 212	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-15

PLOT DATE : 12/12/2024 8:45 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 213	E

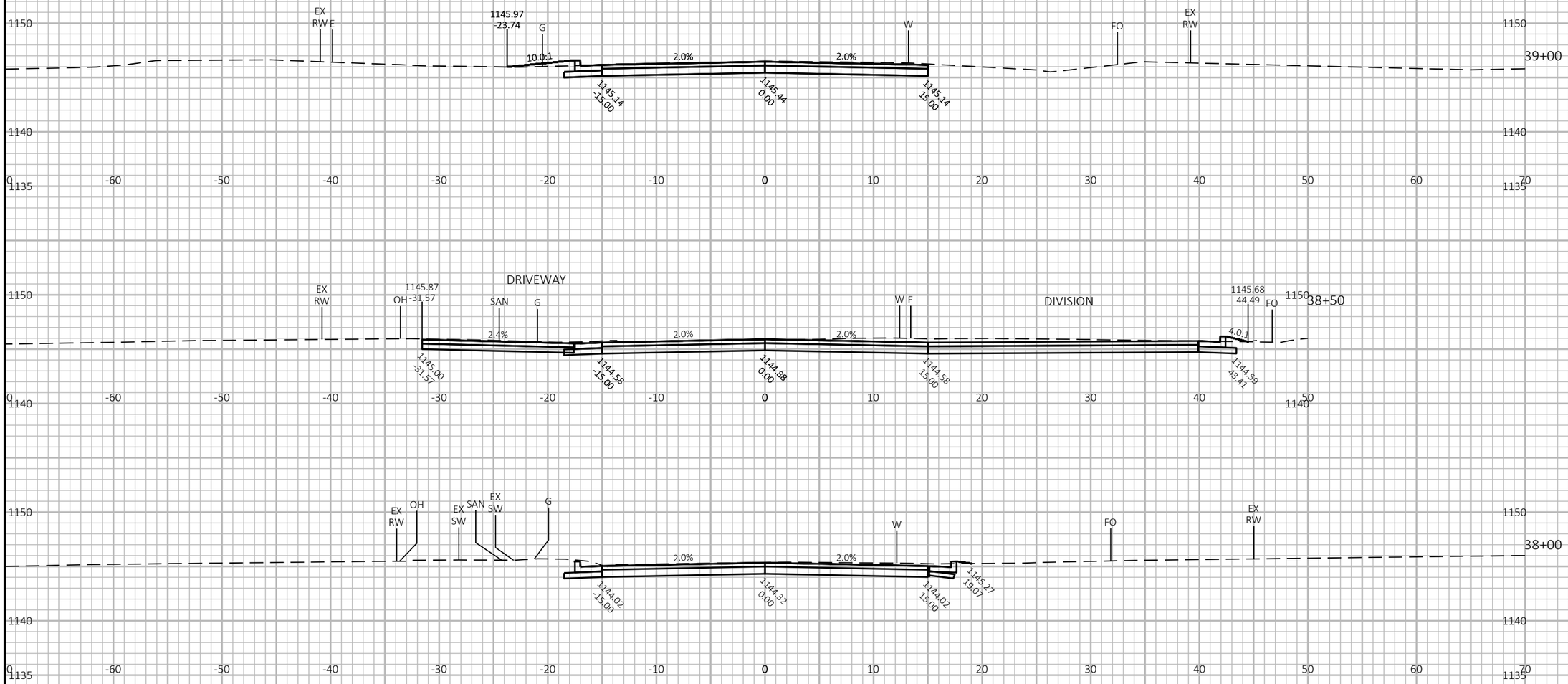
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-16

PLOT DATE : 12/12/2024 8:45 AM

PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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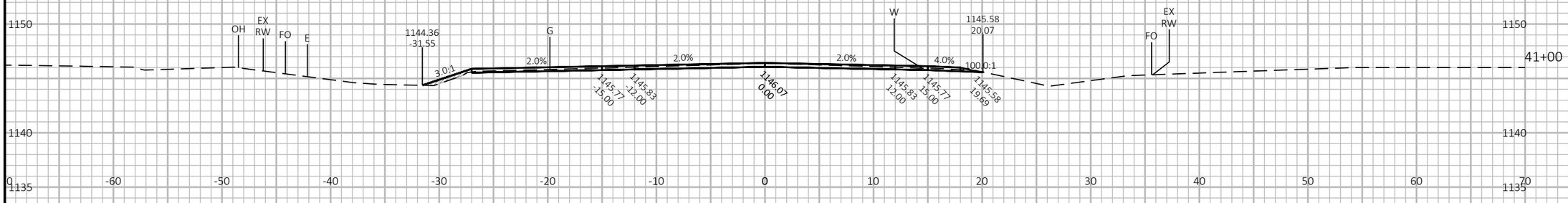
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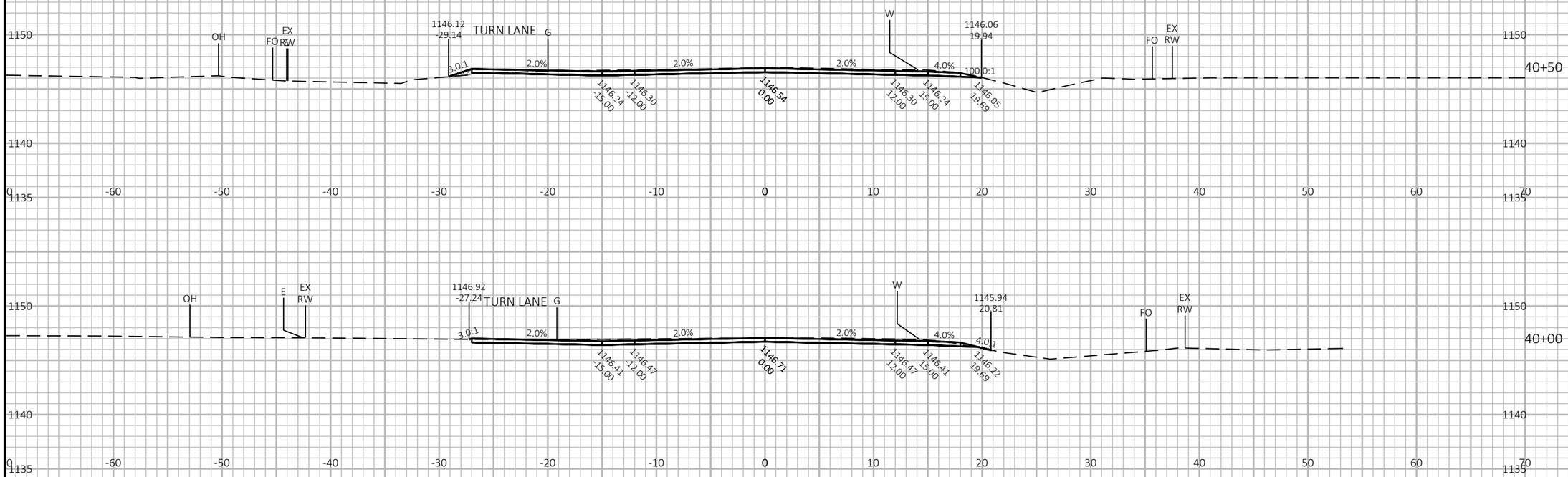
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 214	E

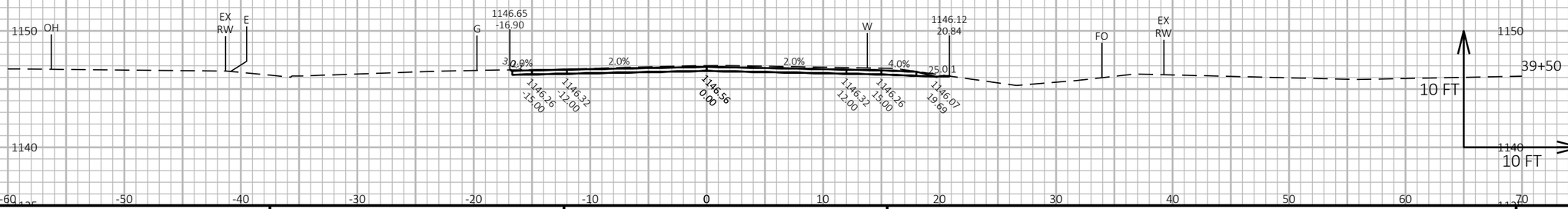
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-17

PLOT DATE : 12/12/2024 8:45 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION







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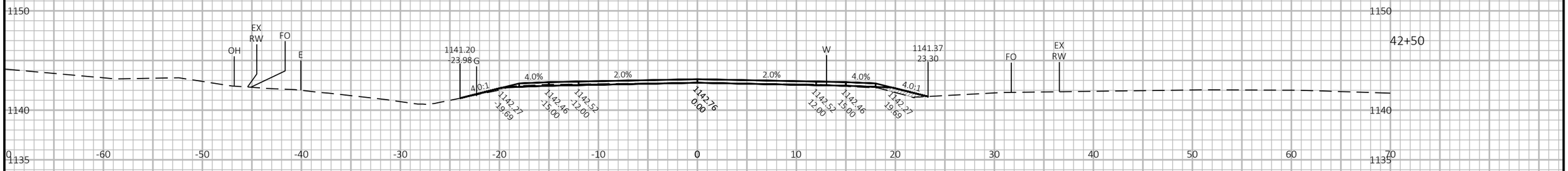
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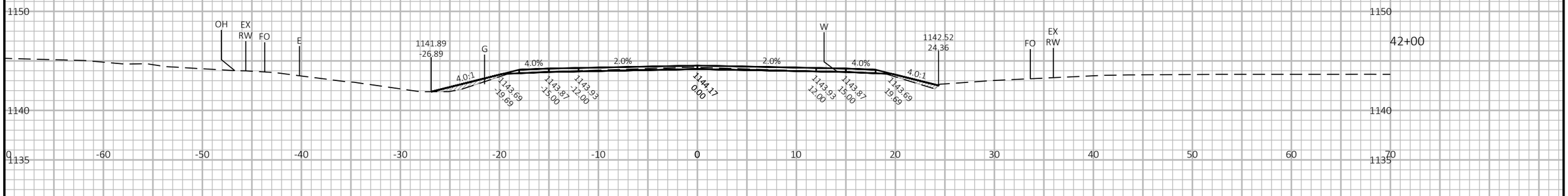
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-18

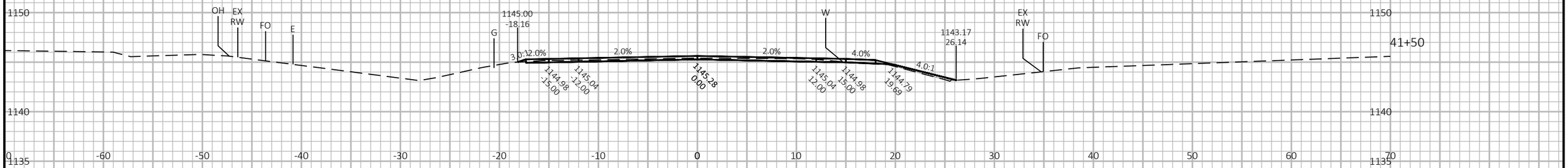
PLOT DATE : 12/12/2024 8:45 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

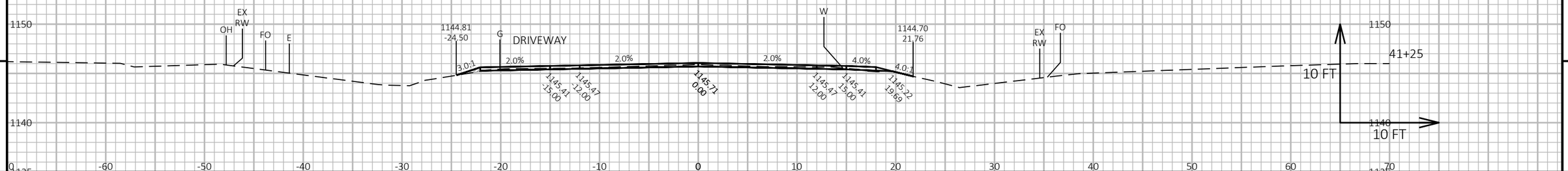
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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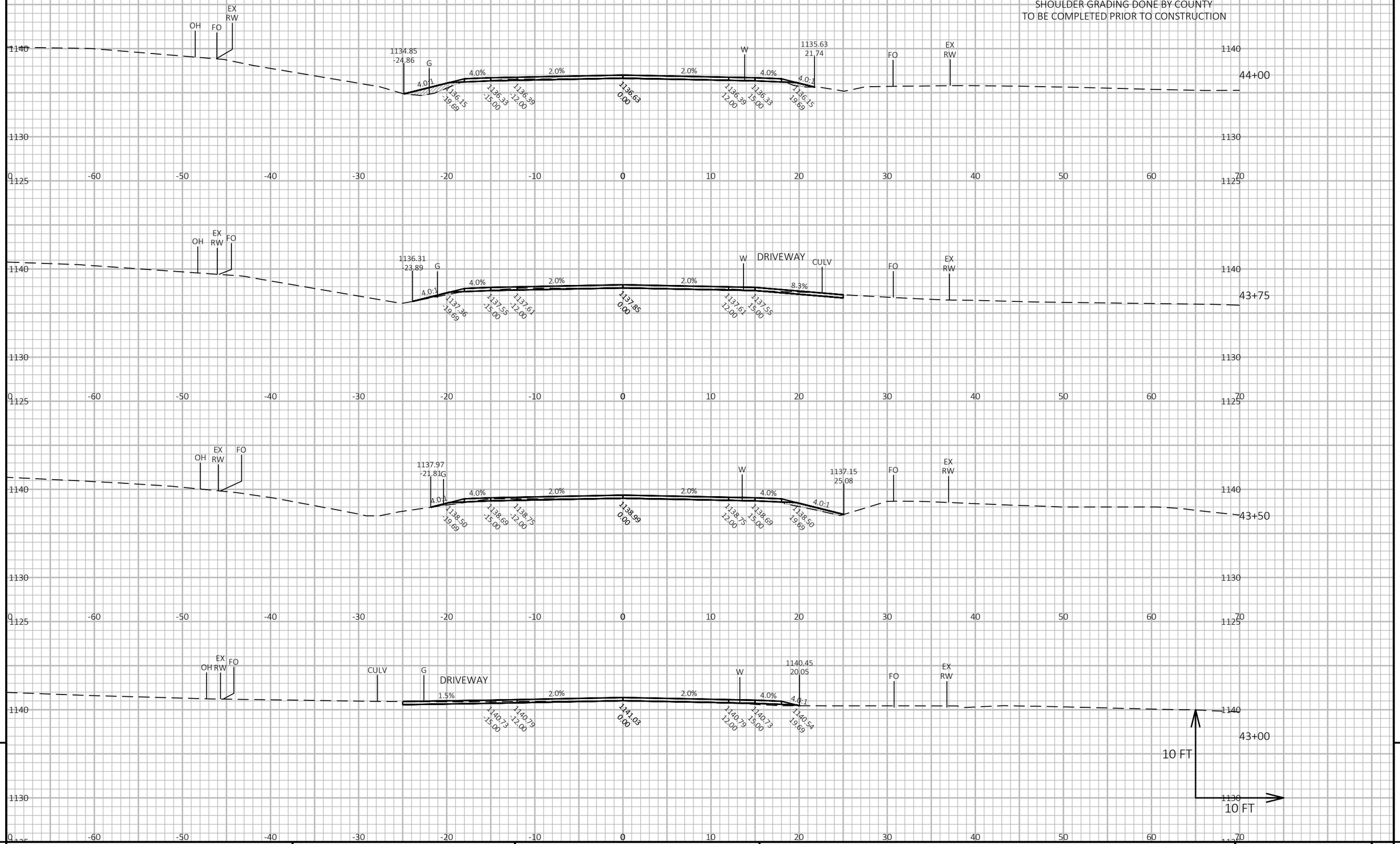
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 216	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-19

PLOT DATE : 12/12/2024 8:45 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



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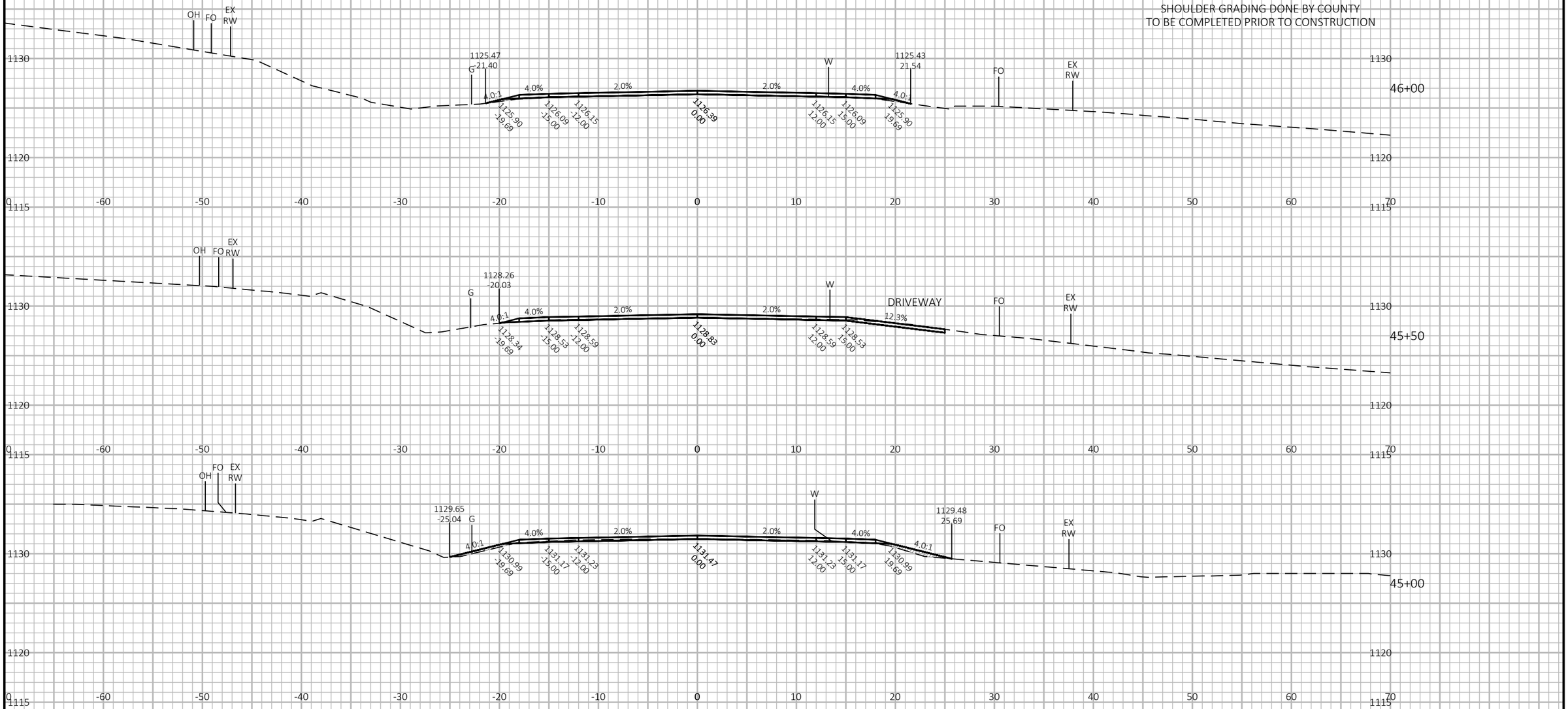
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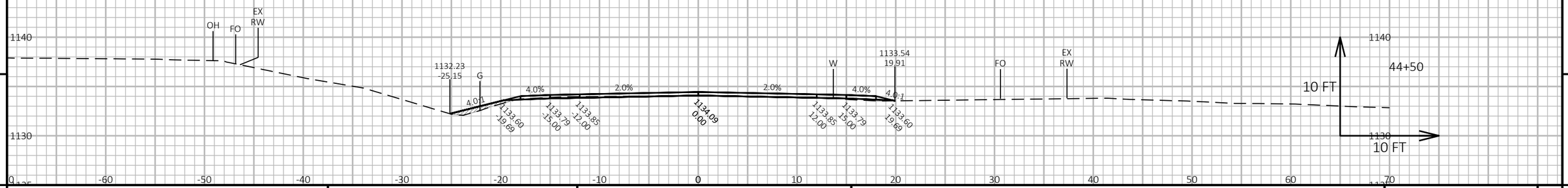
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 217	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-20

PLOT DATE : 12/12/2024 8:45 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION





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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 218	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-21

PLOT DATE : 12/12/2024 8:46 AM

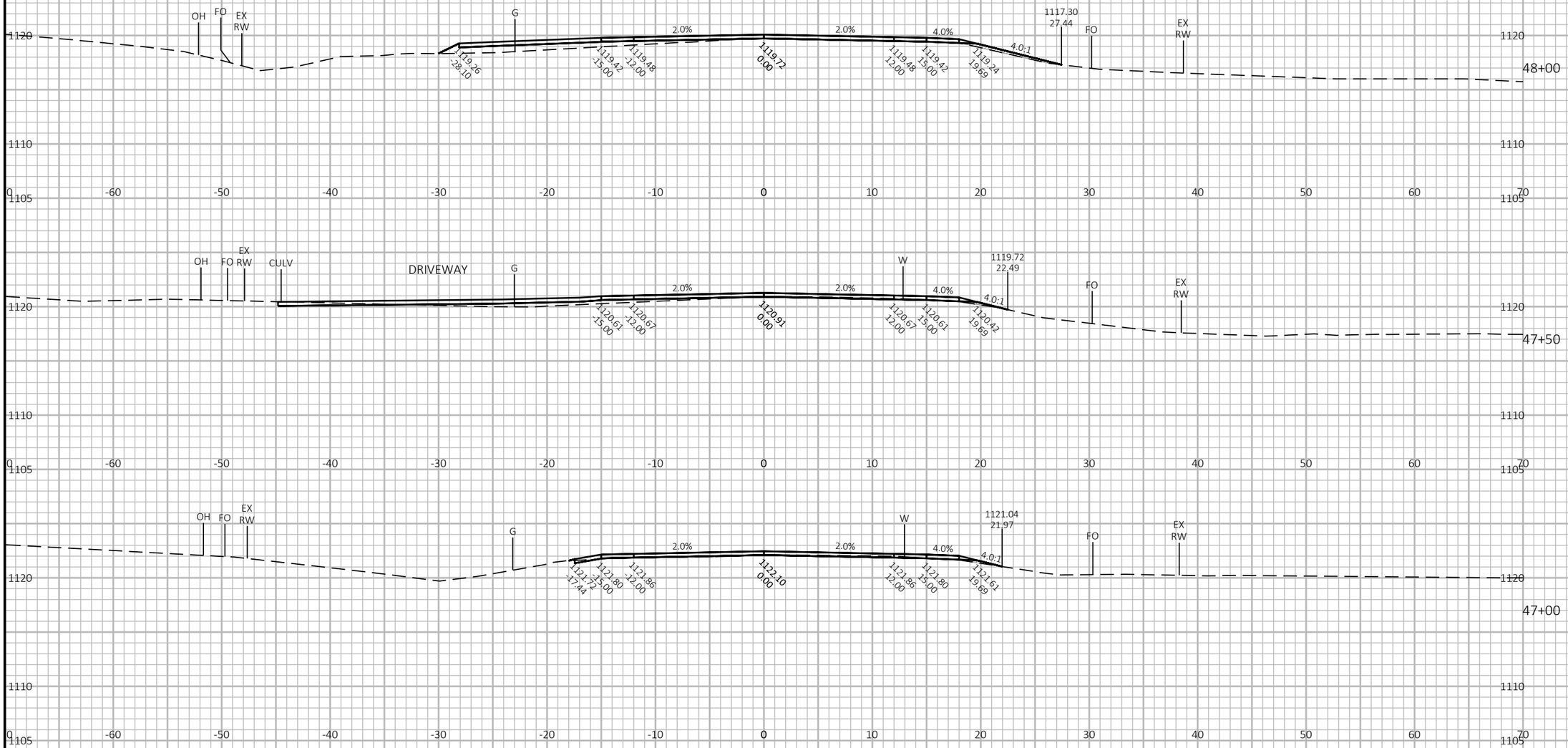
PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 219	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-22
PLOT DATE : 12/12/2024 8:46 AM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



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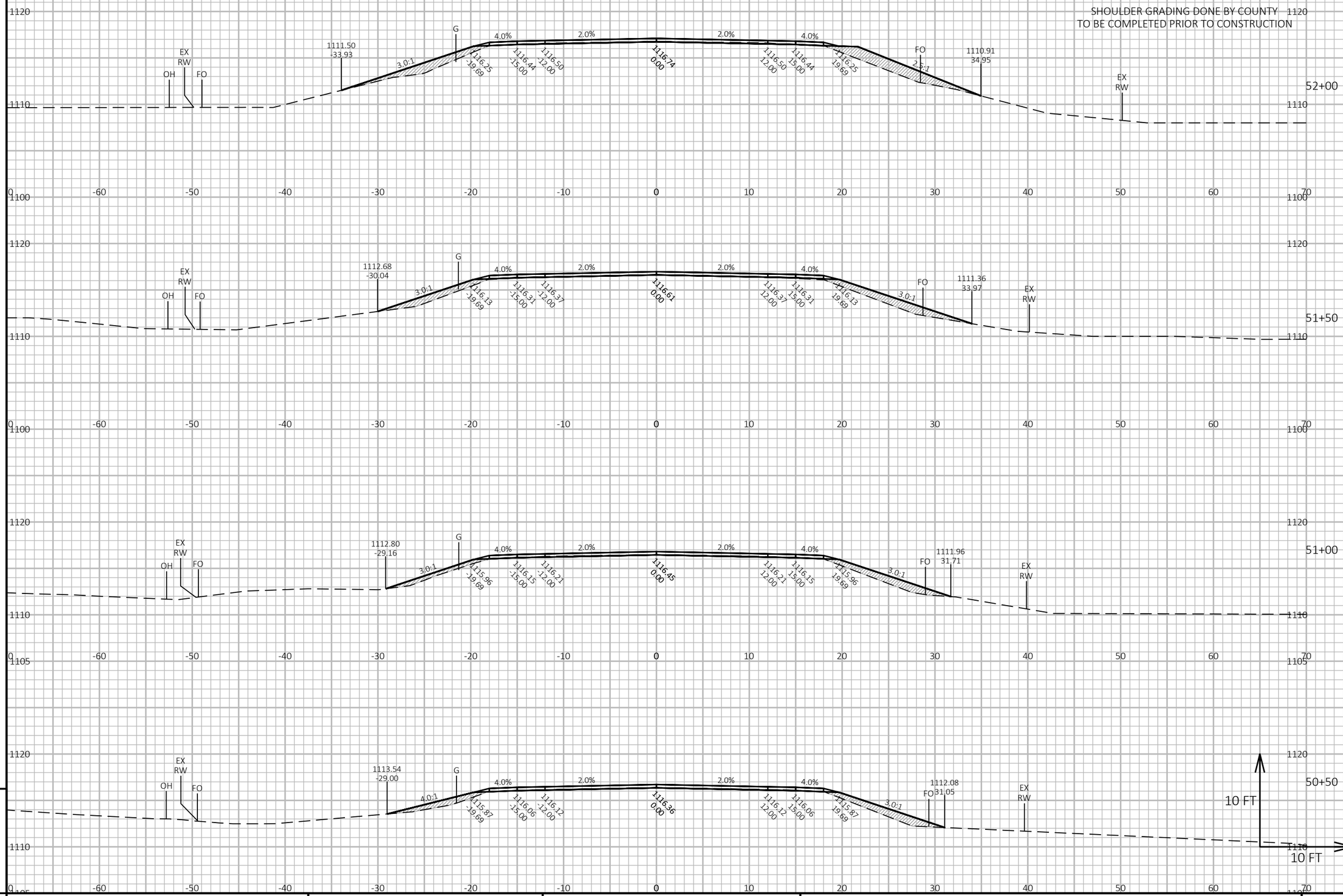
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 220	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-23

PLOT DATE : 12/12/2024 8:46 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



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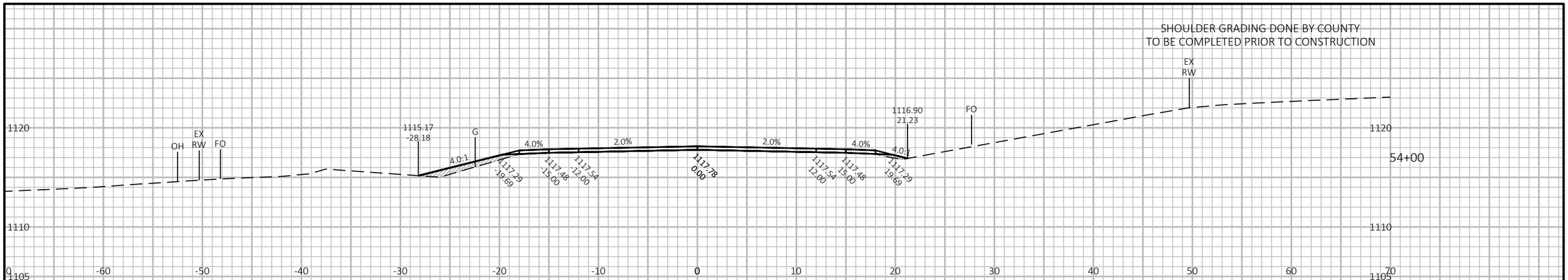
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 221	E

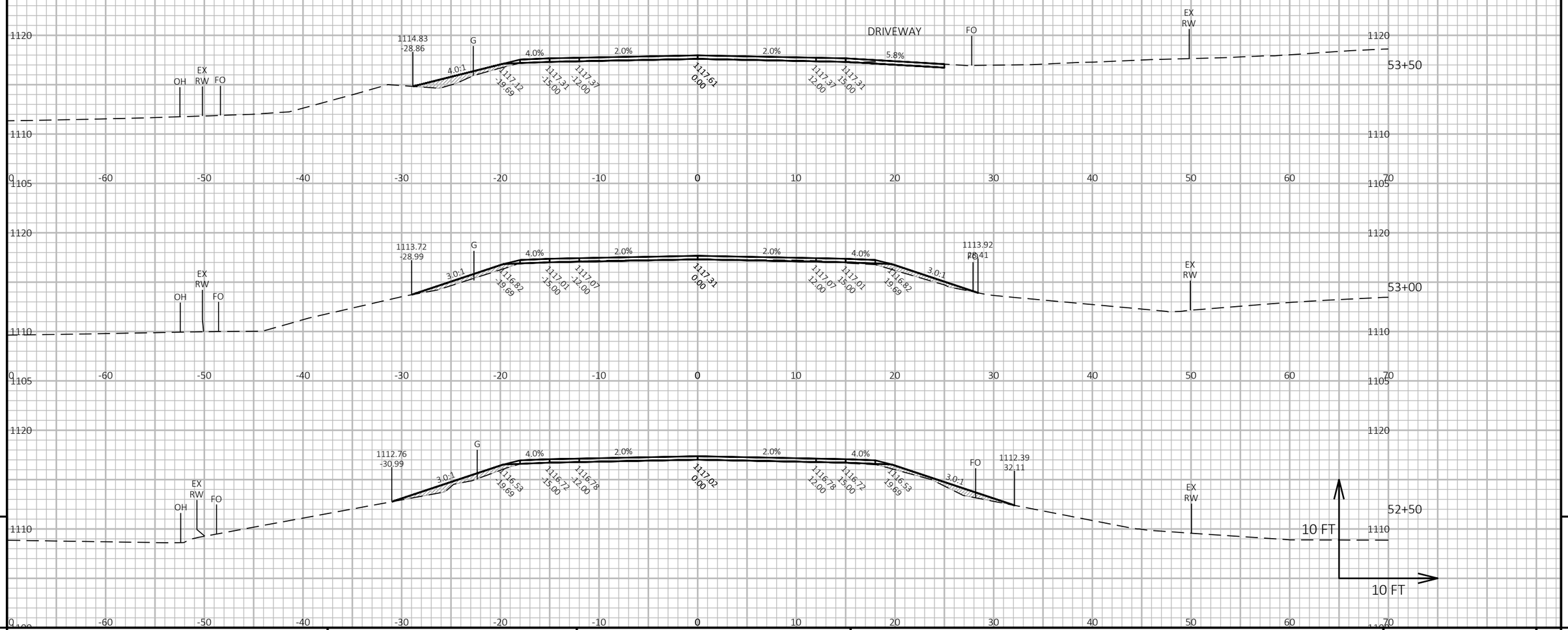
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-24

PLOT DATE : 12/12/2024 8:46 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION





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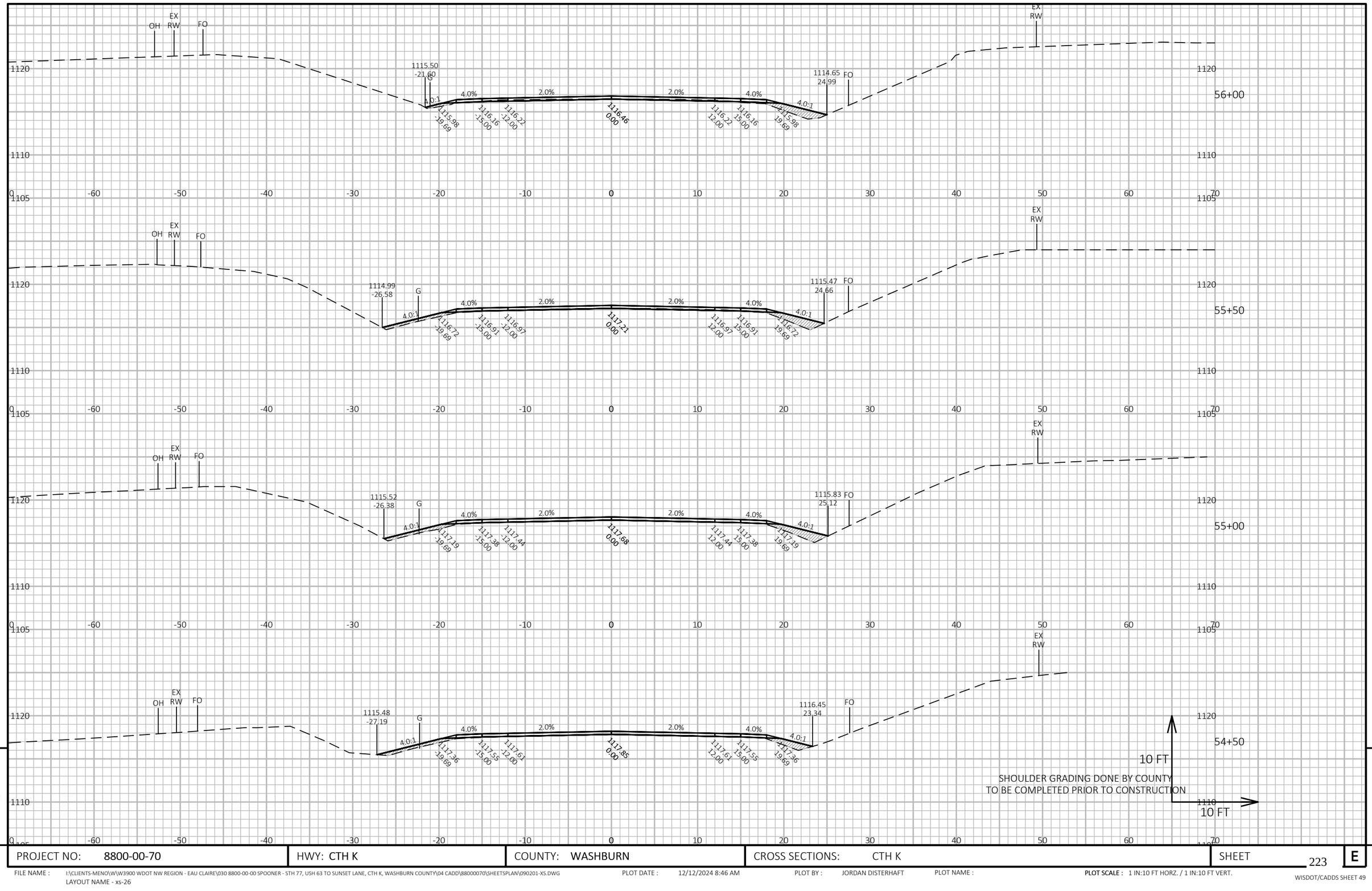
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 222	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-25

PLOT DATE : 12/12/2024 8:46 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 223	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-26

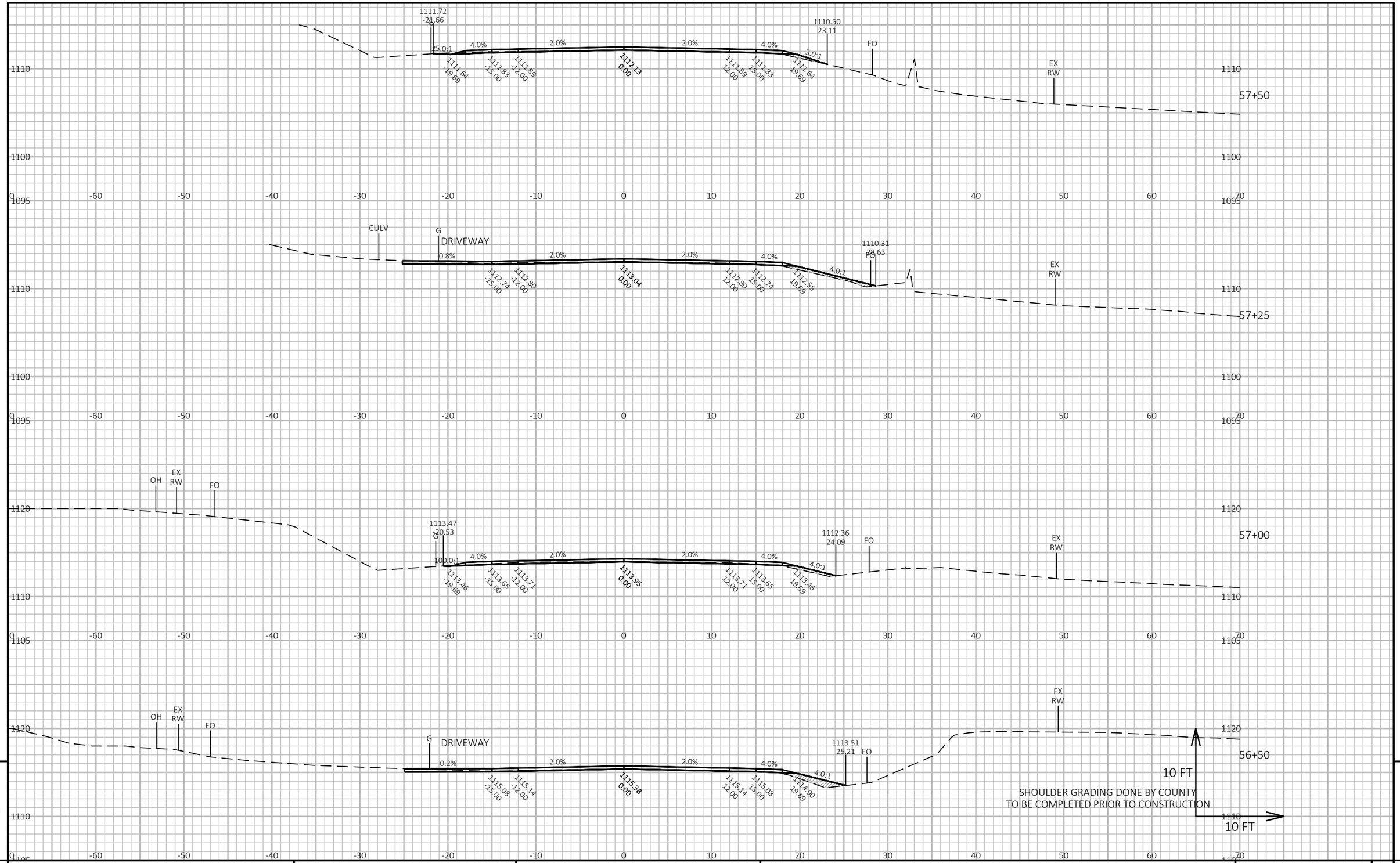
PLOT DATE : 12/12/2024 8:46 AM

PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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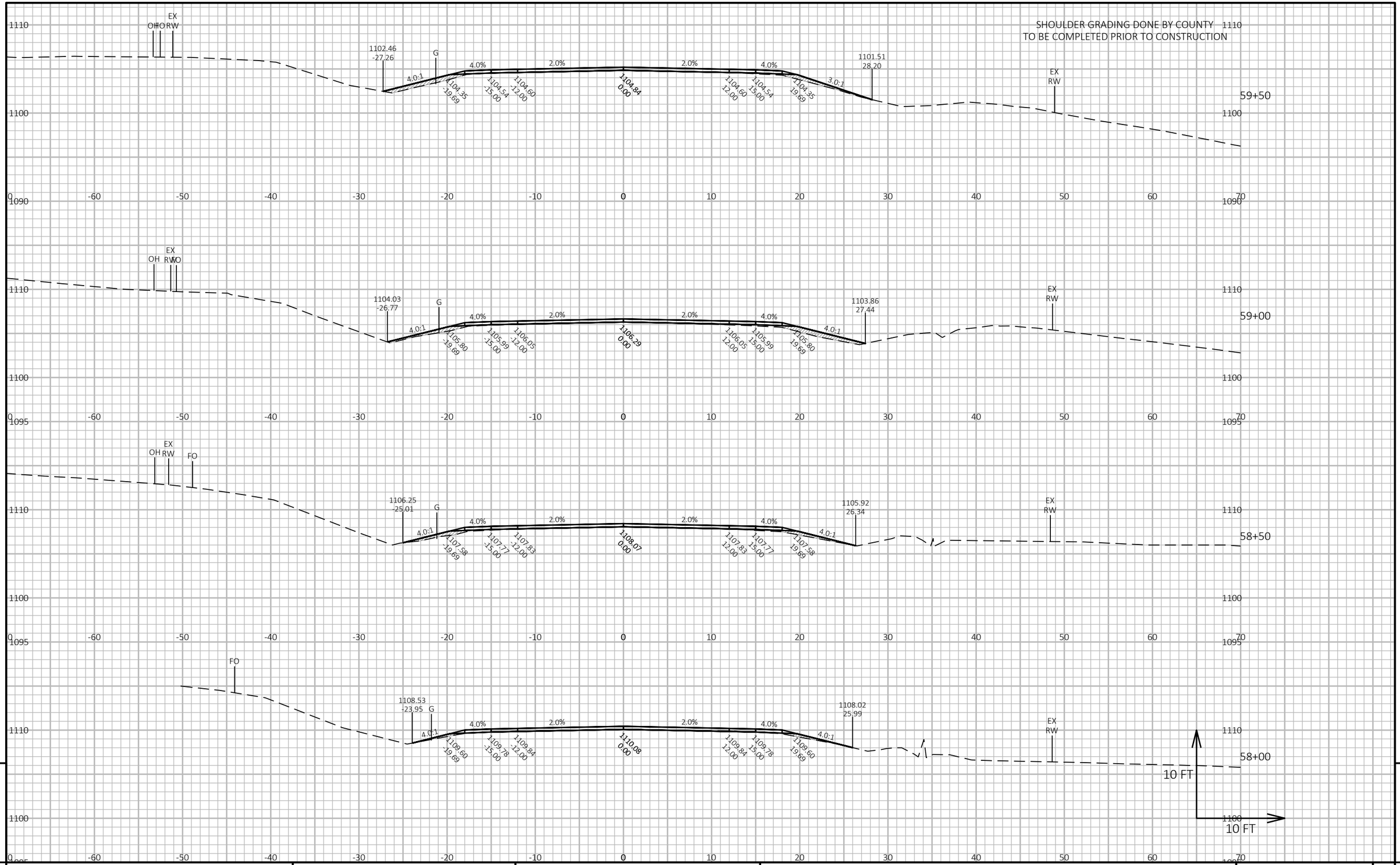
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 224	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-27

PLOT DATE : 12/12/2024 8:47 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



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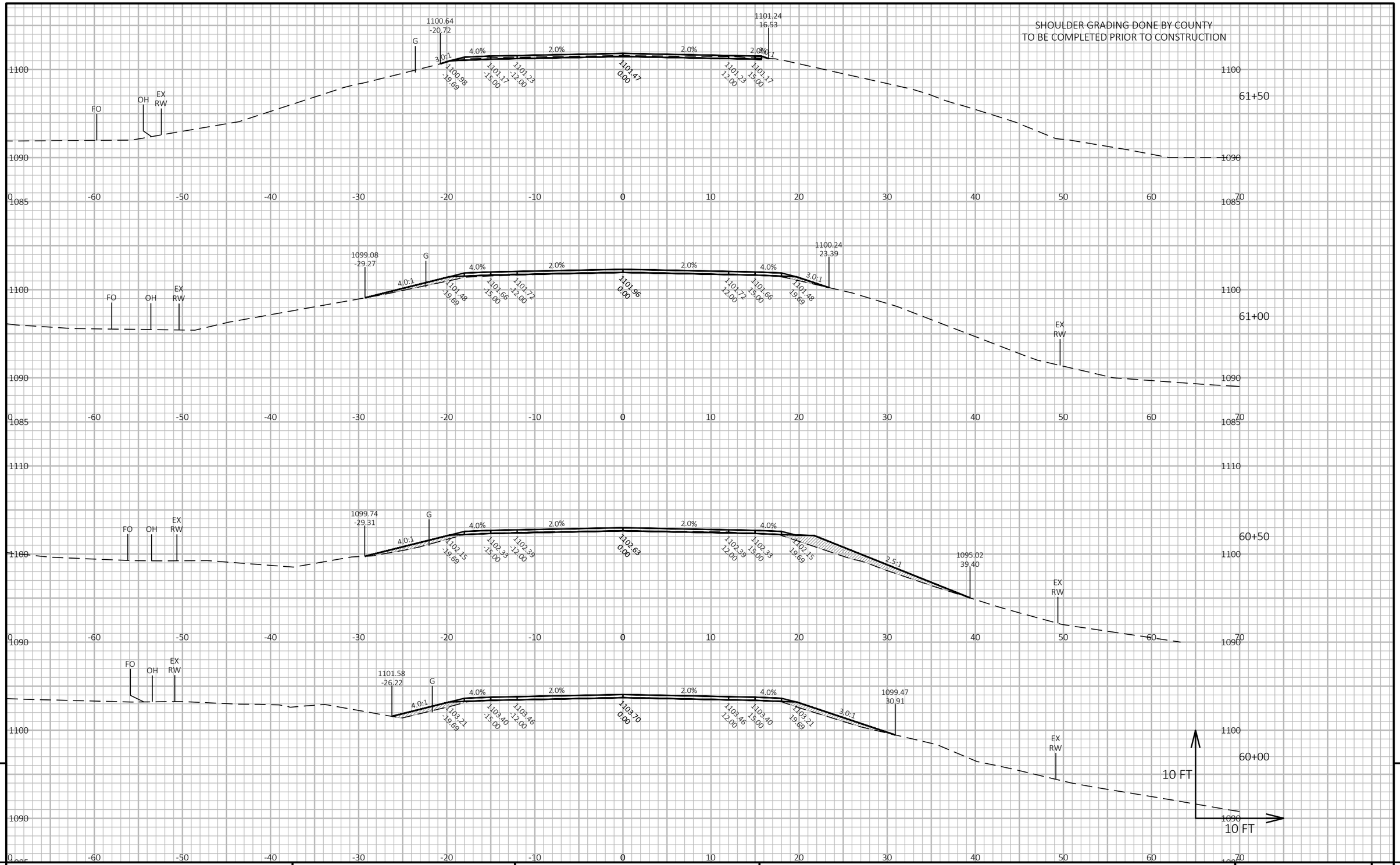
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 225	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-28

PLOT DATE : 12/12/2024 8:47 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION

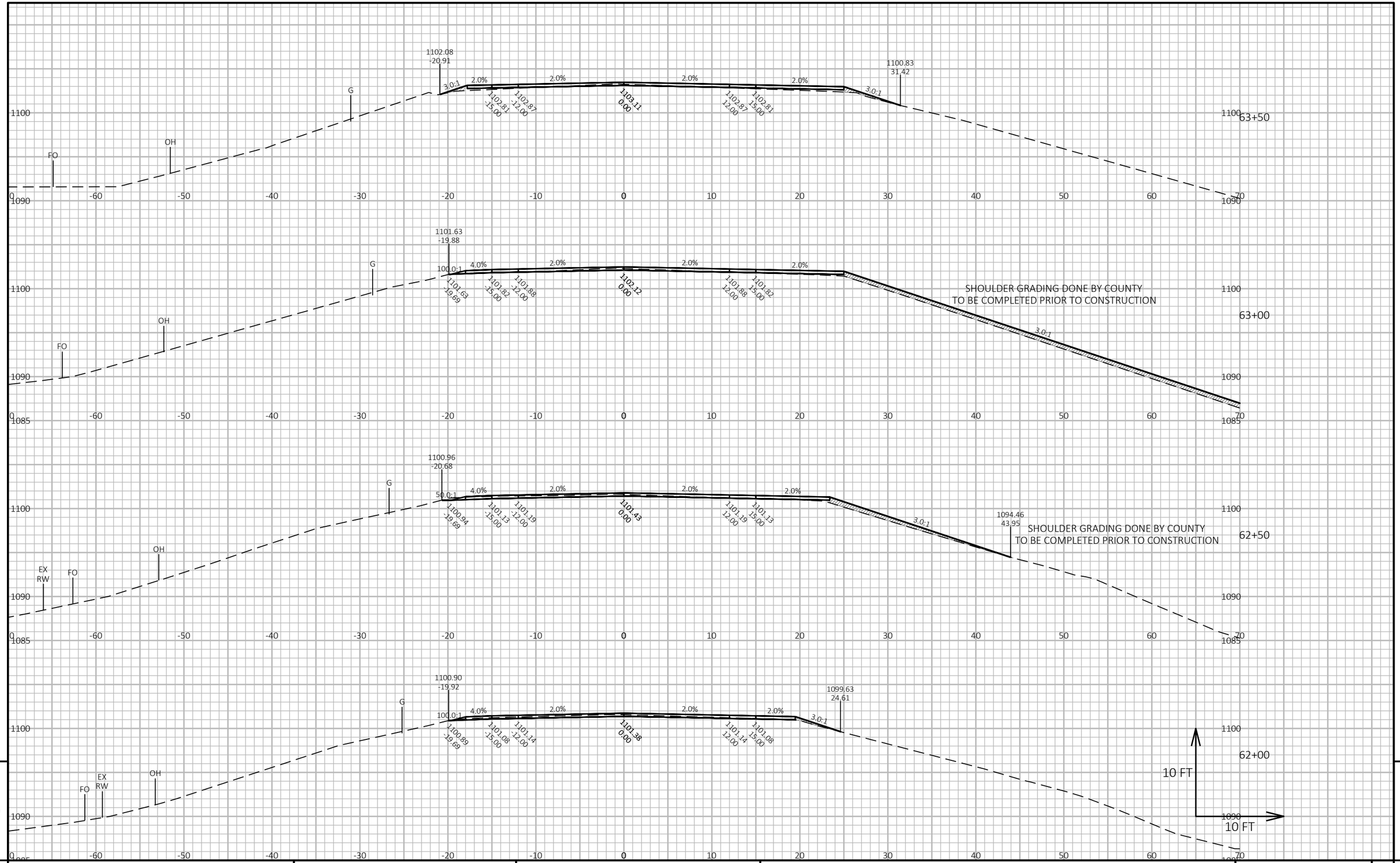


PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 226	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-29

PLOT DATE : 12/12/2024 8:47 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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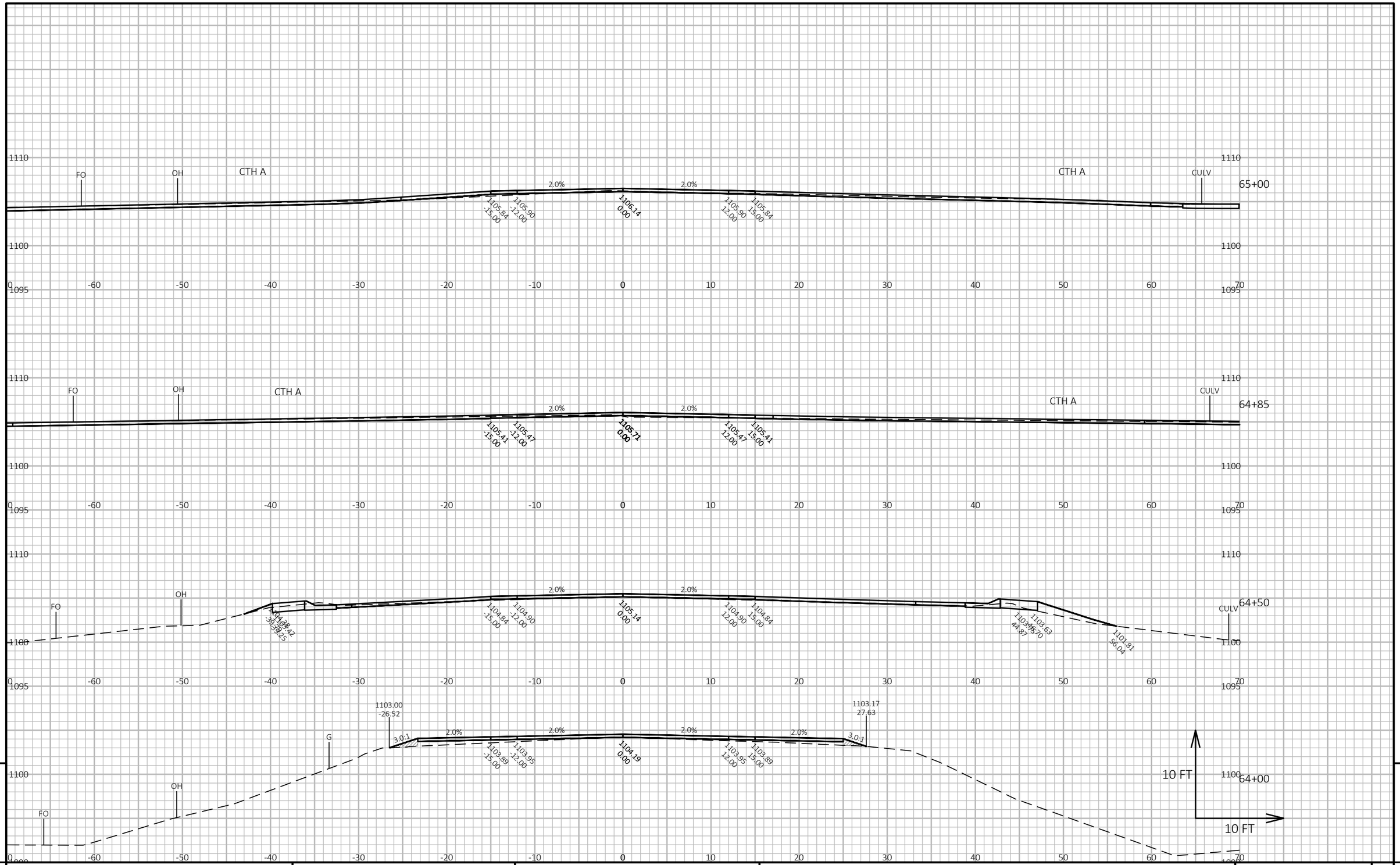
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 227	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-30

PLOT DATE : 12/12/2024 8:47 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

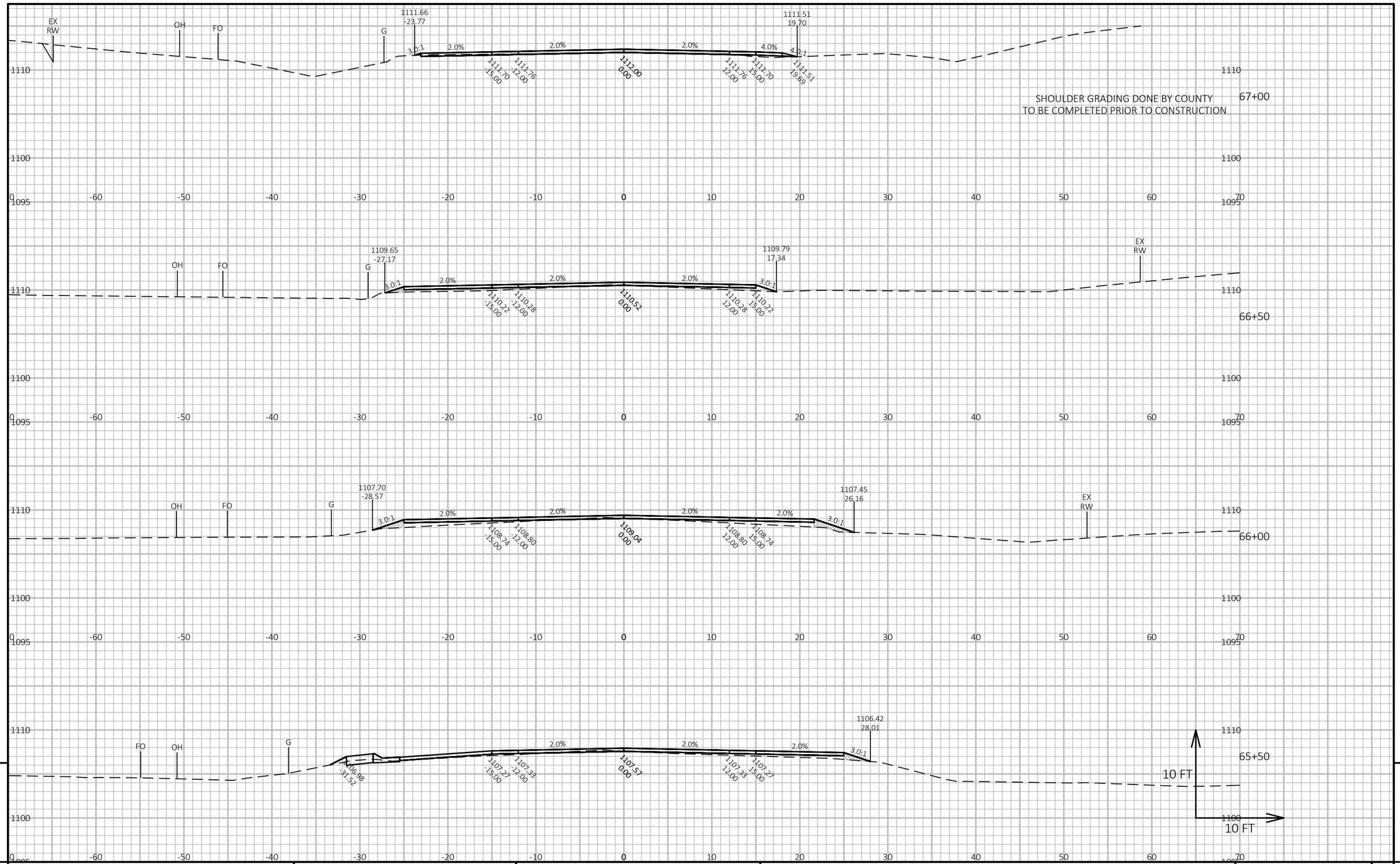
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 228	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-31

PLOT DATE : 12/12/2024 8:47 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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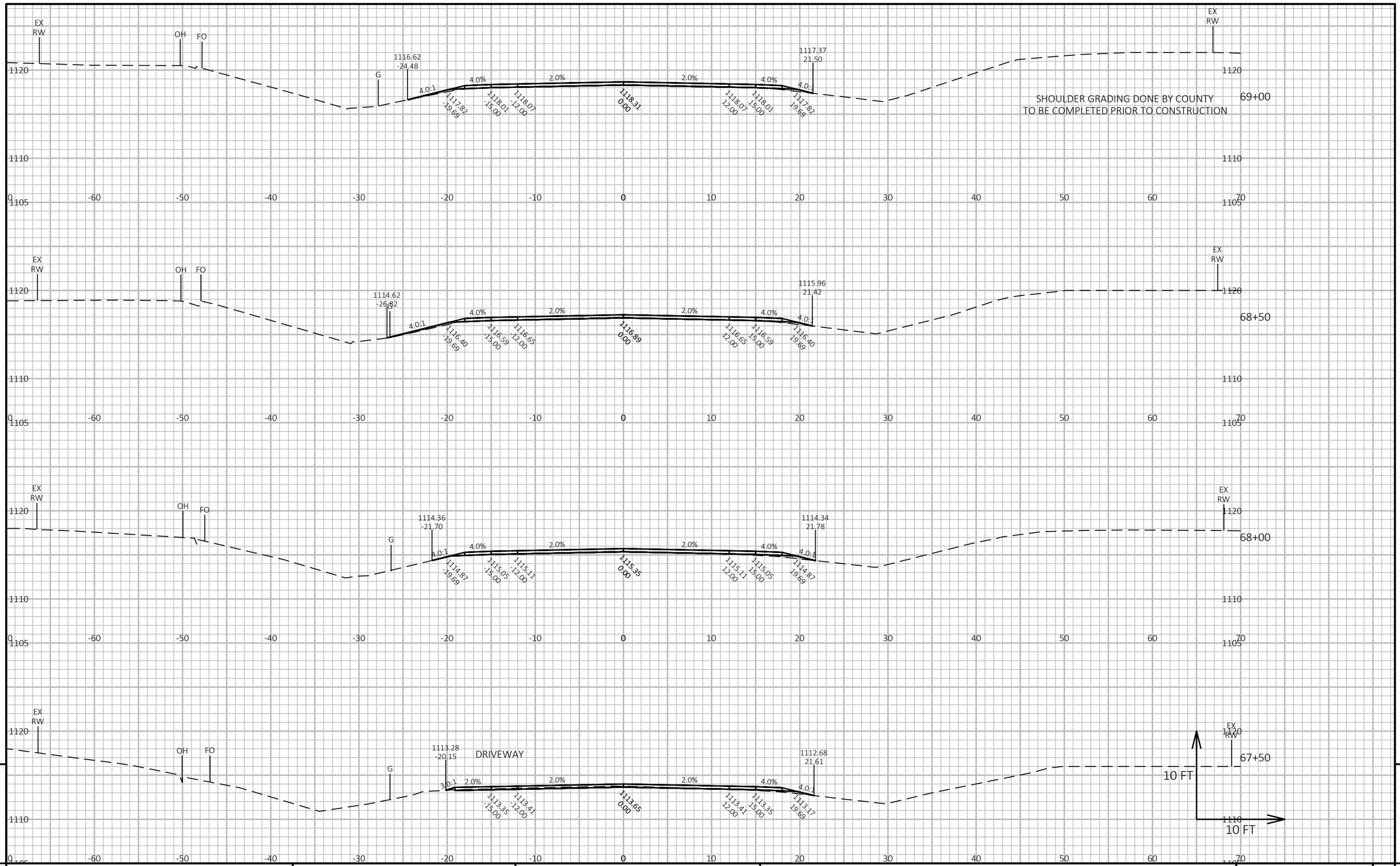
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 229	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-32

PLOT DATE : 12/12/2024 8:47 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

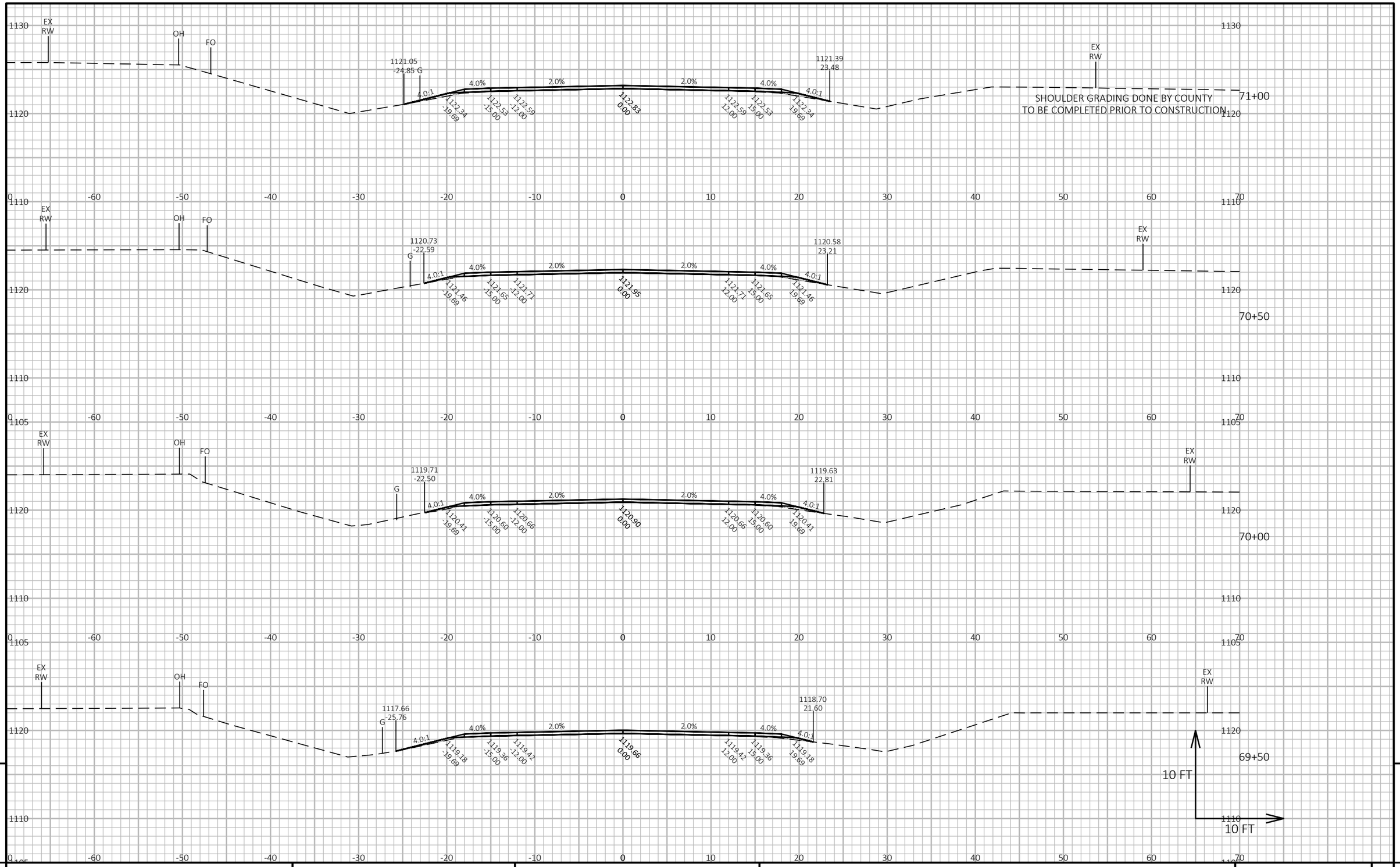


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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 230	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-33

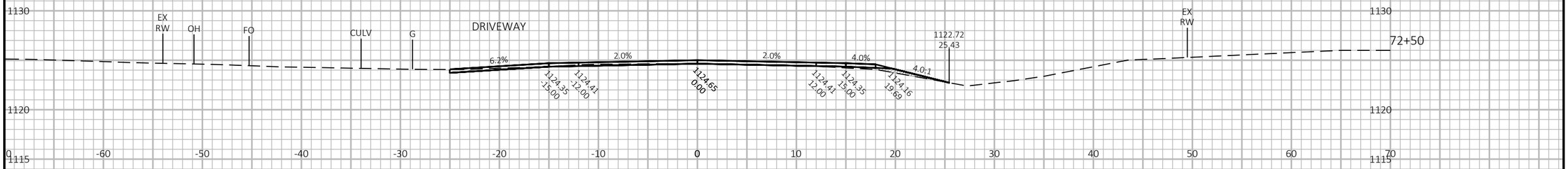
PLOT DATE : 12/12/2024 8:48 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

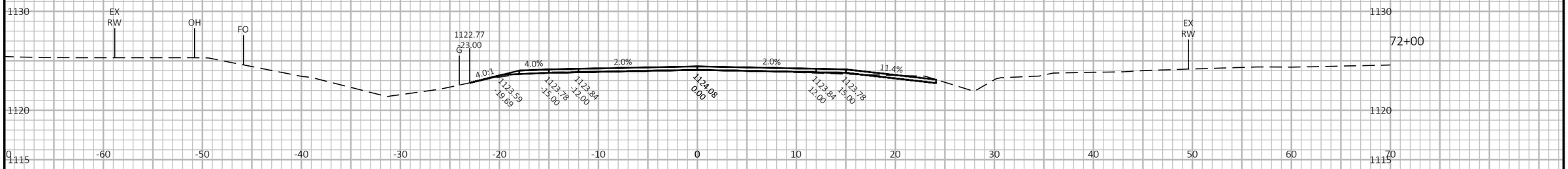


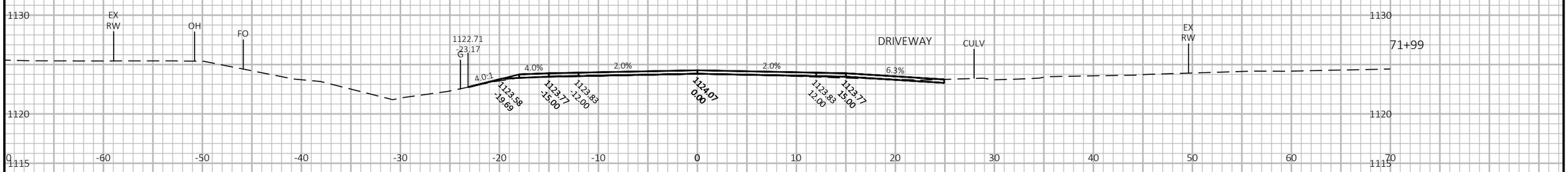
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 231	E

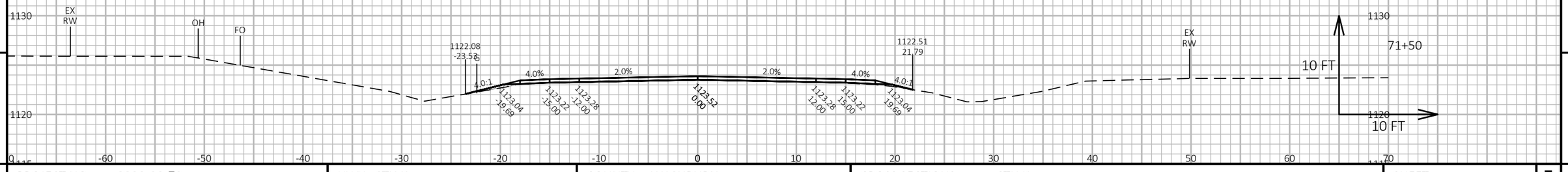
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-34
PLOT DATE : 12/12/2024 8:48 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 232	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-35

PLOT DATE : 12/12/2024 8:48 AM

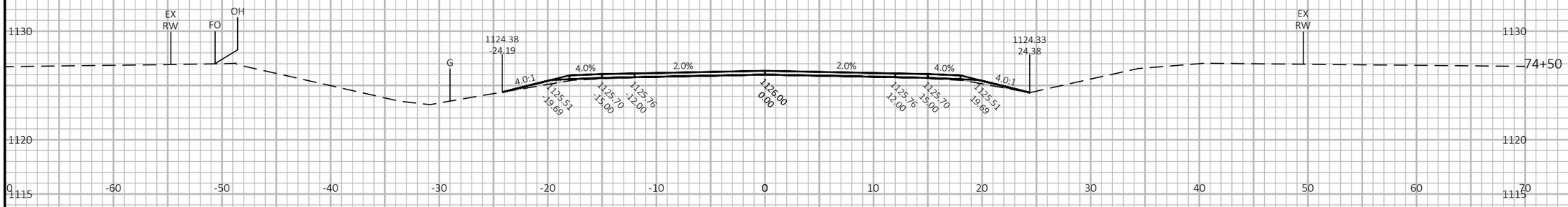
PLOT BY : JORDAN DISTERHAFT

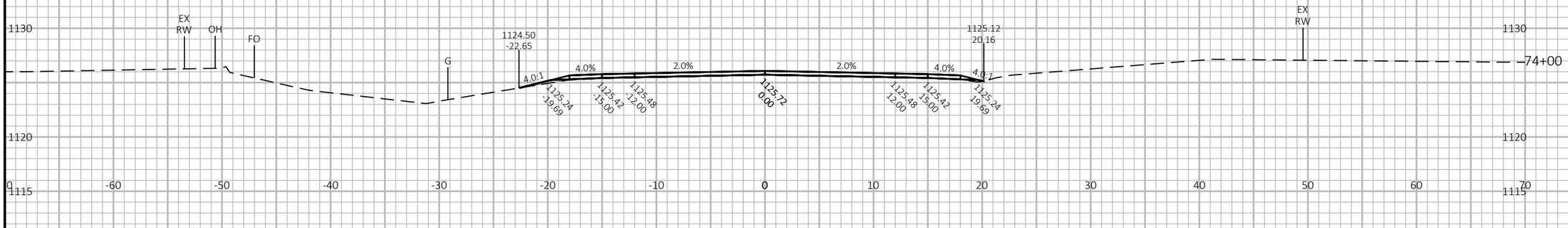
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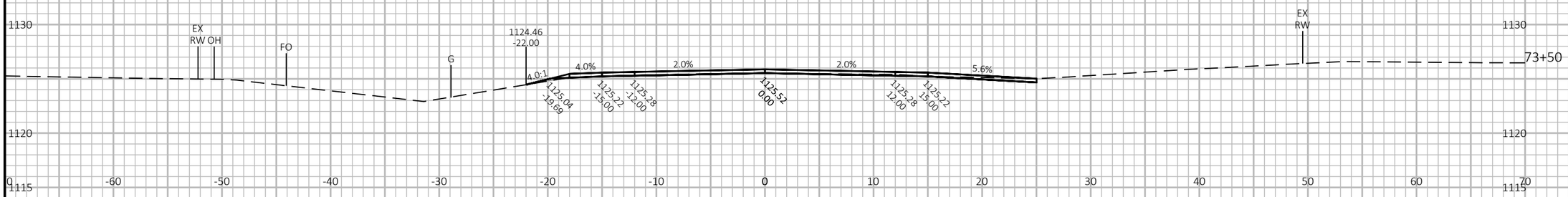
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

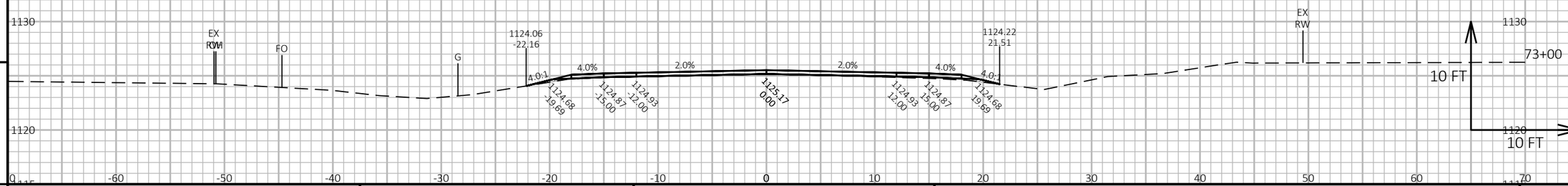
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 233	E

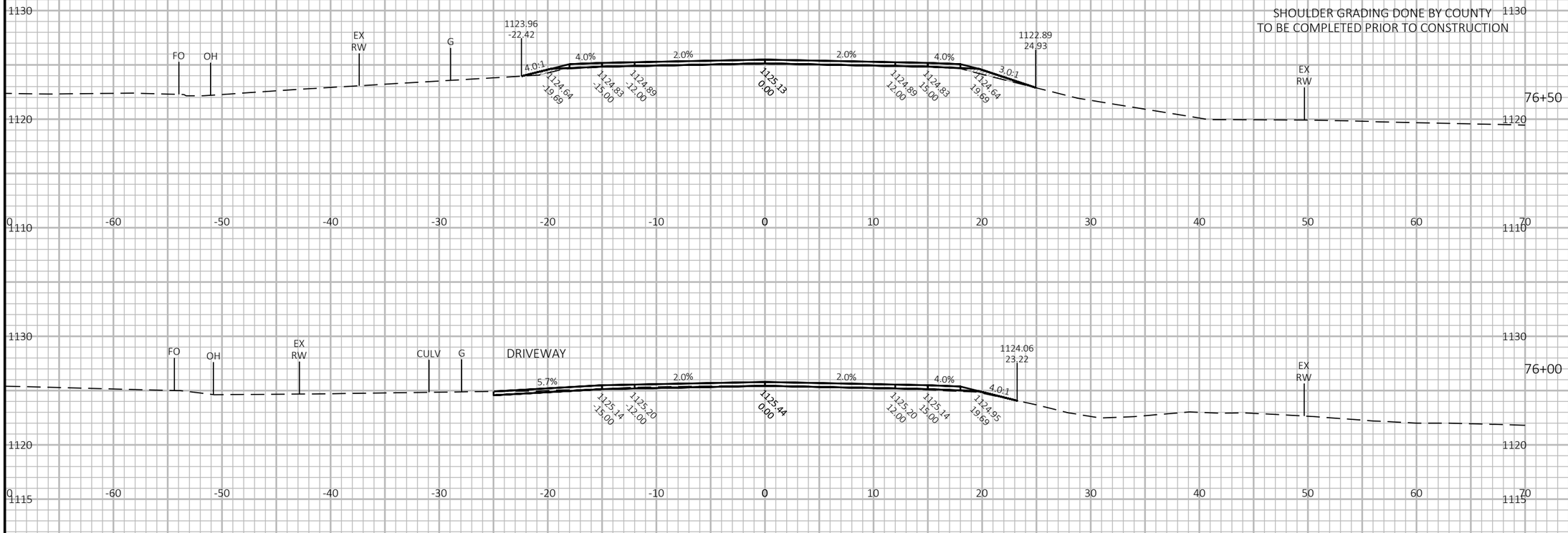
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-36

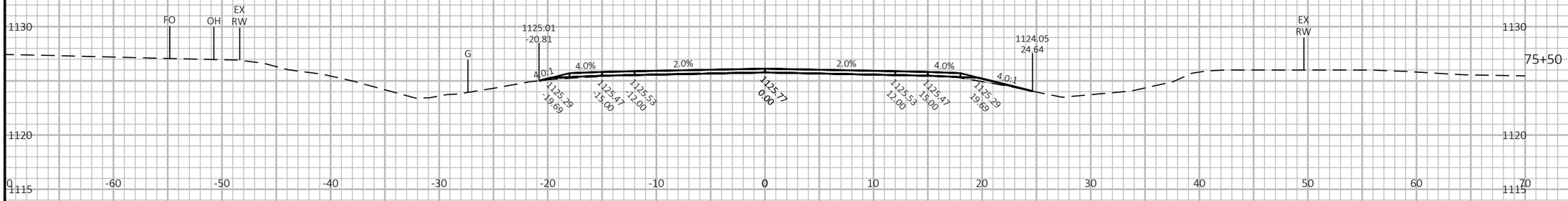
PLOT DATE : 12/12/2024 8:48 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME :

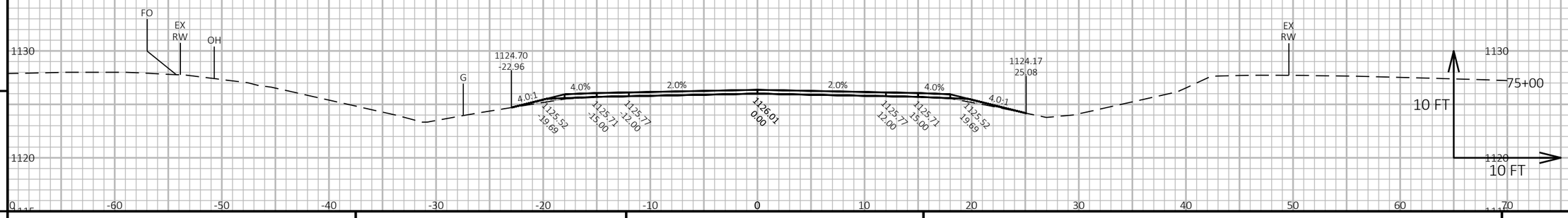
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION







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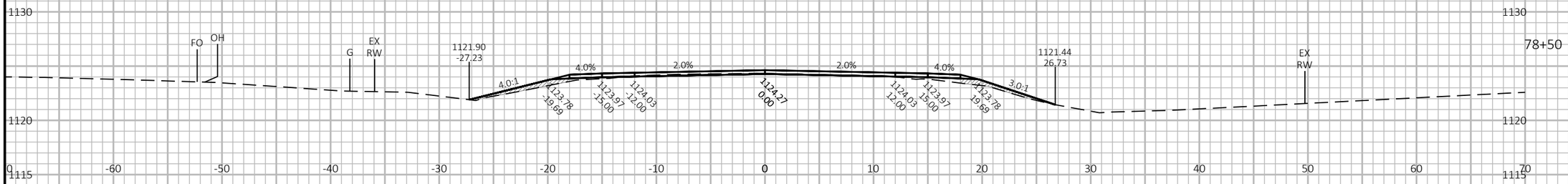
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 234	E

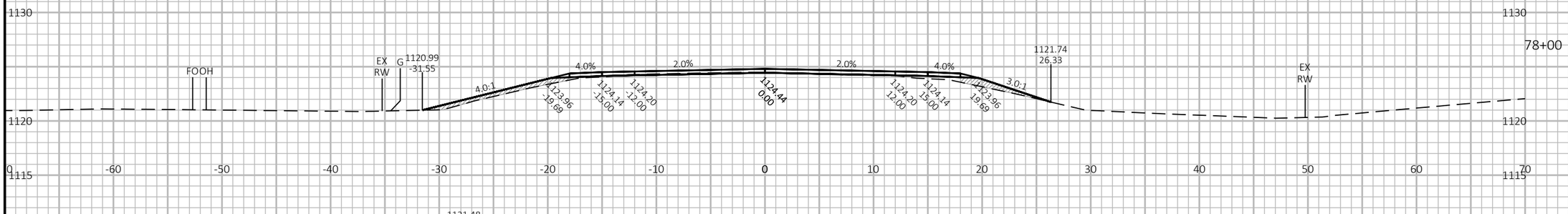
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-37

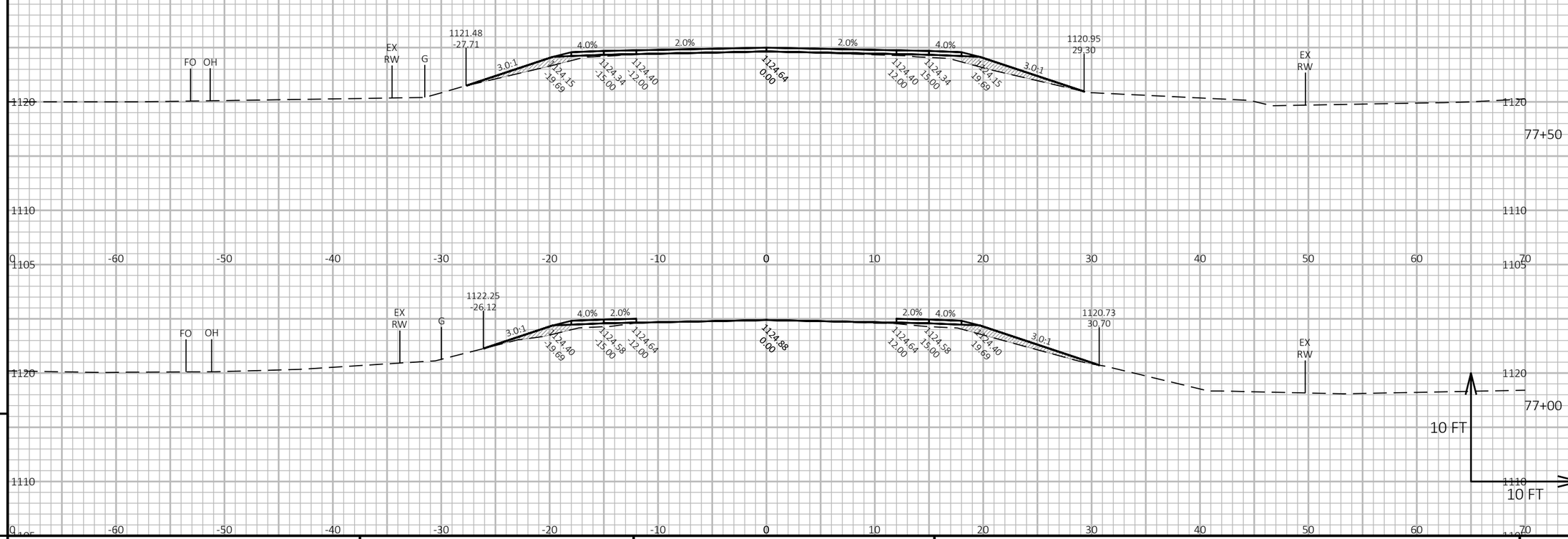
PLOT DATE : 12/12/2024 8:48 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION







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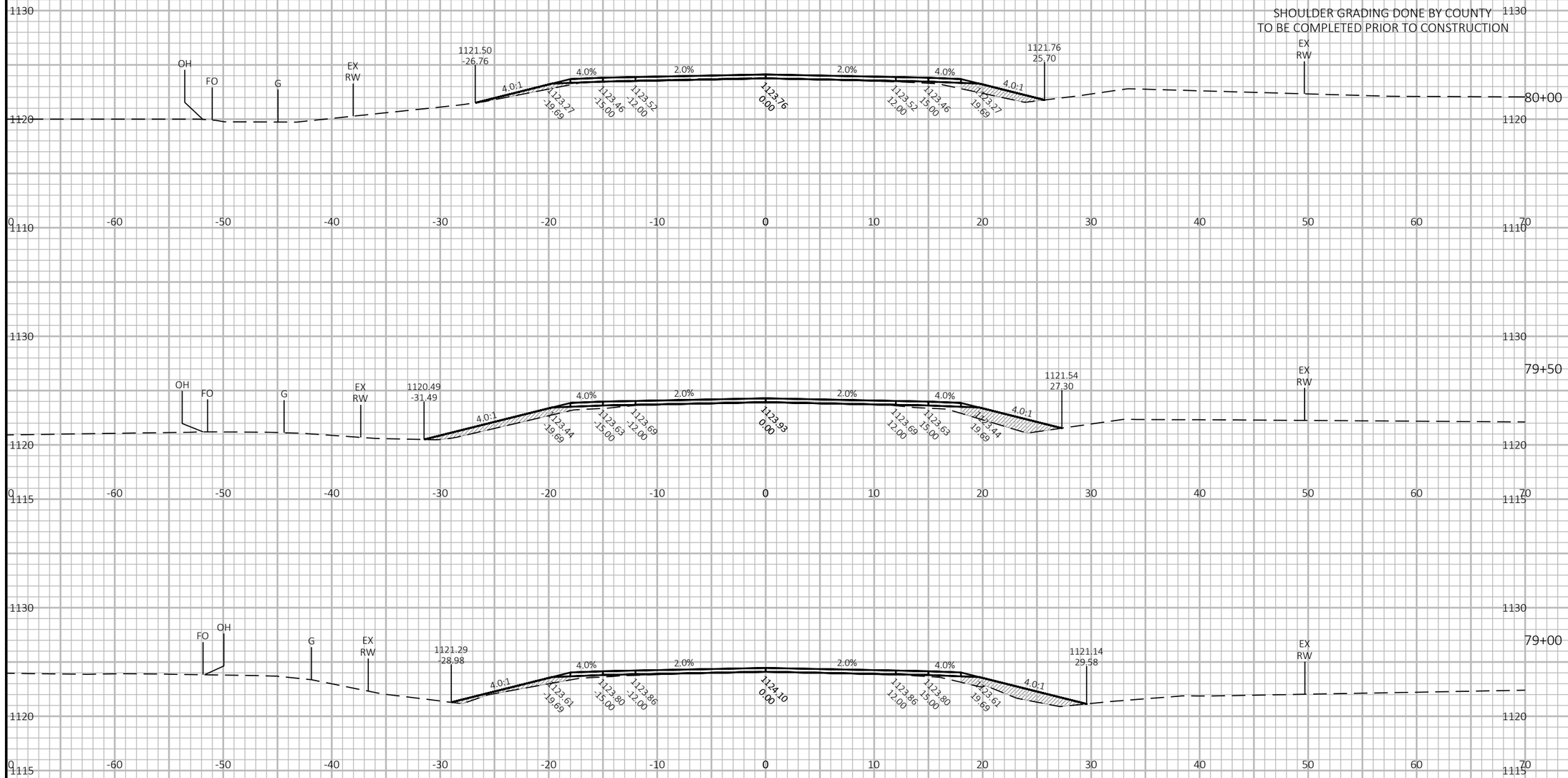
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 235	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-38

PLOT DATE : 12/12/2024 8:48 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 236	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-39

PLOT DATE : 12/12/2024 8:49 AM

PLOT BY : JORDAN DISTERHAFT

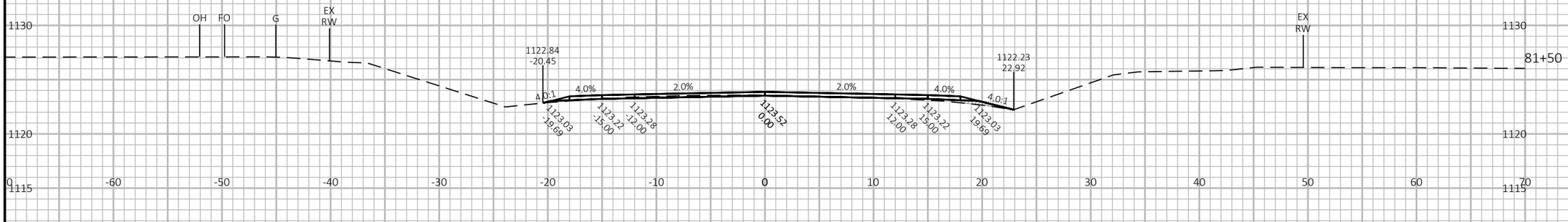
PLOT NAME :

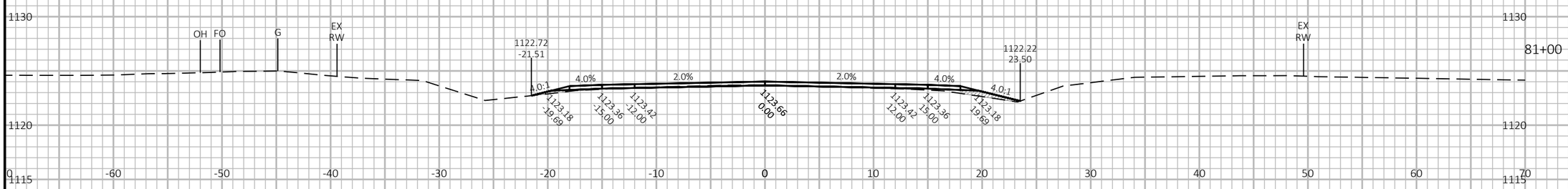
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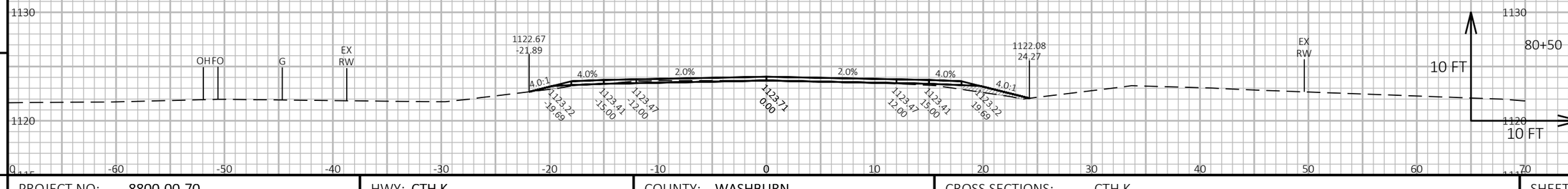
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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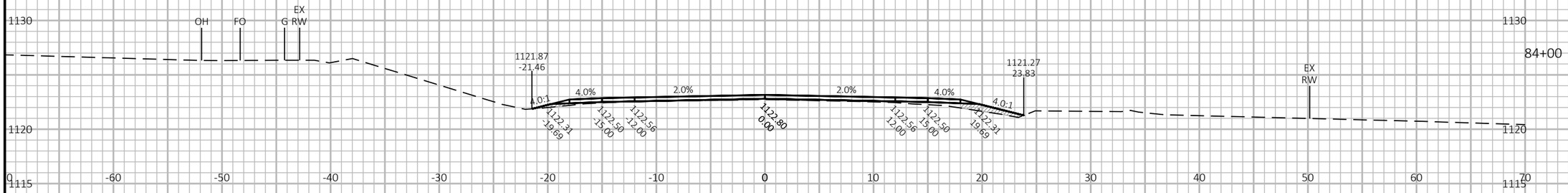
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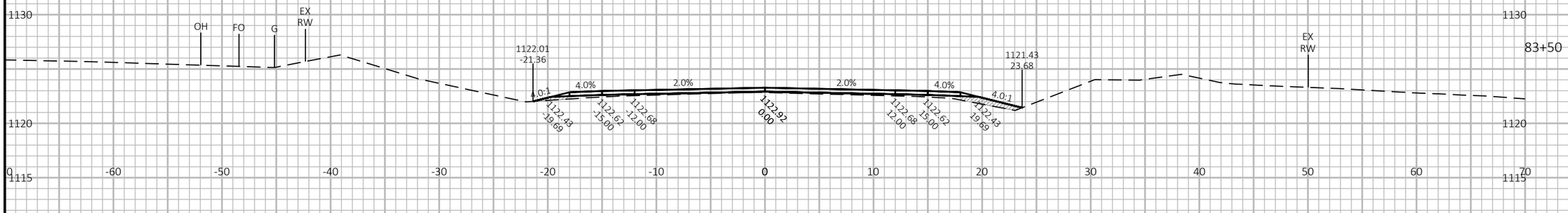
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 237	E

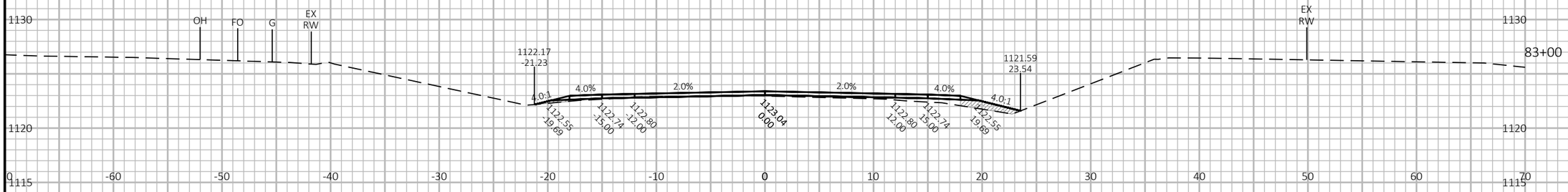
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-40

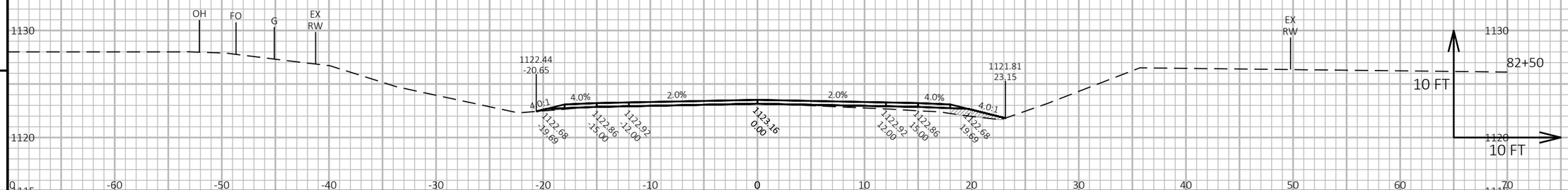
PLOT DATE : 12/12/2024 8:49 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 238	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-41

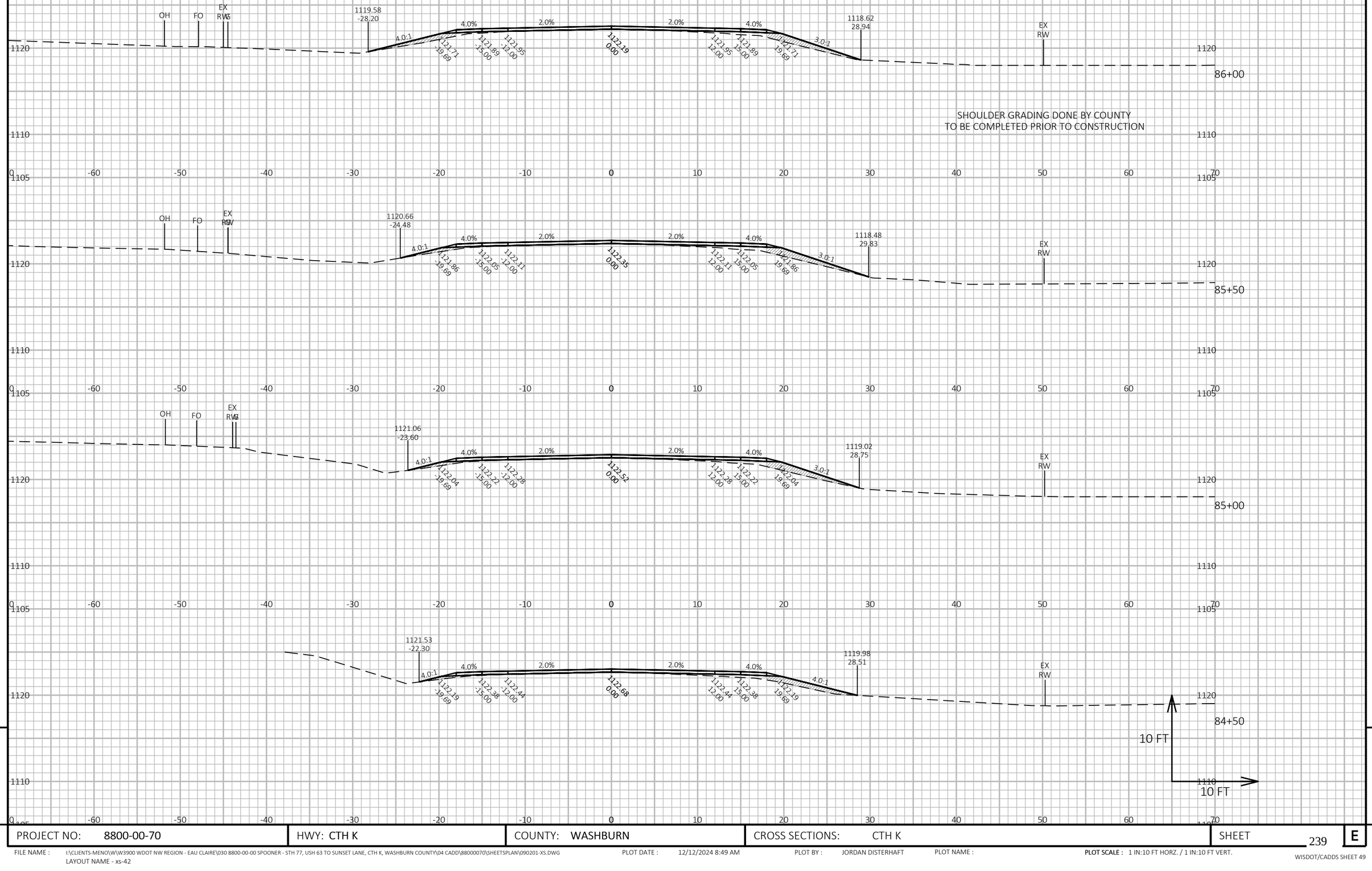
PLOT DATE : 12/12/2024 8:49 AM

PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 239	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-42

PLOT DATE : 12/12/2024 8:49 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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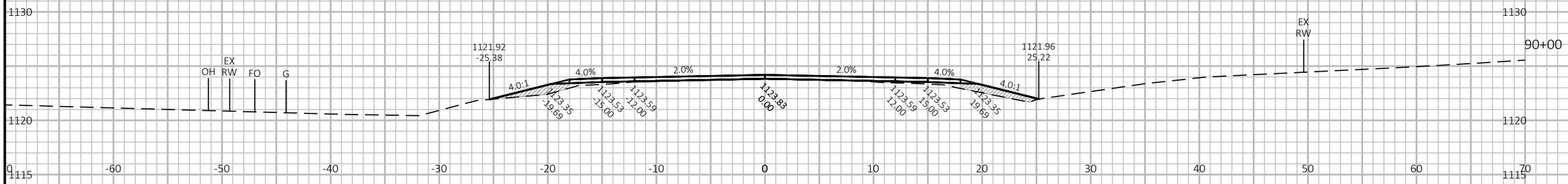
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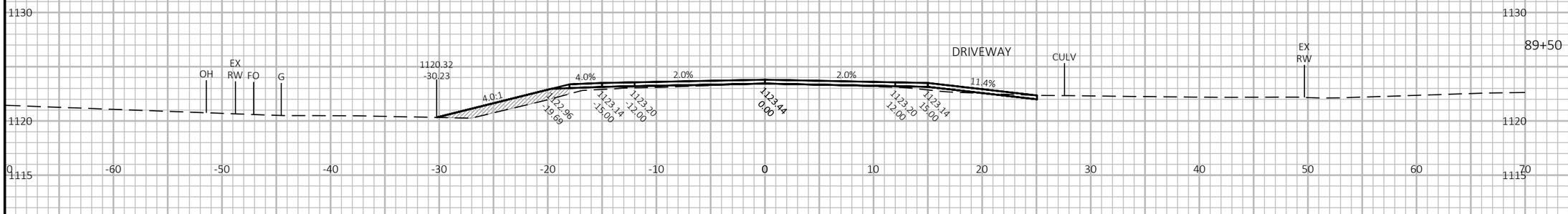
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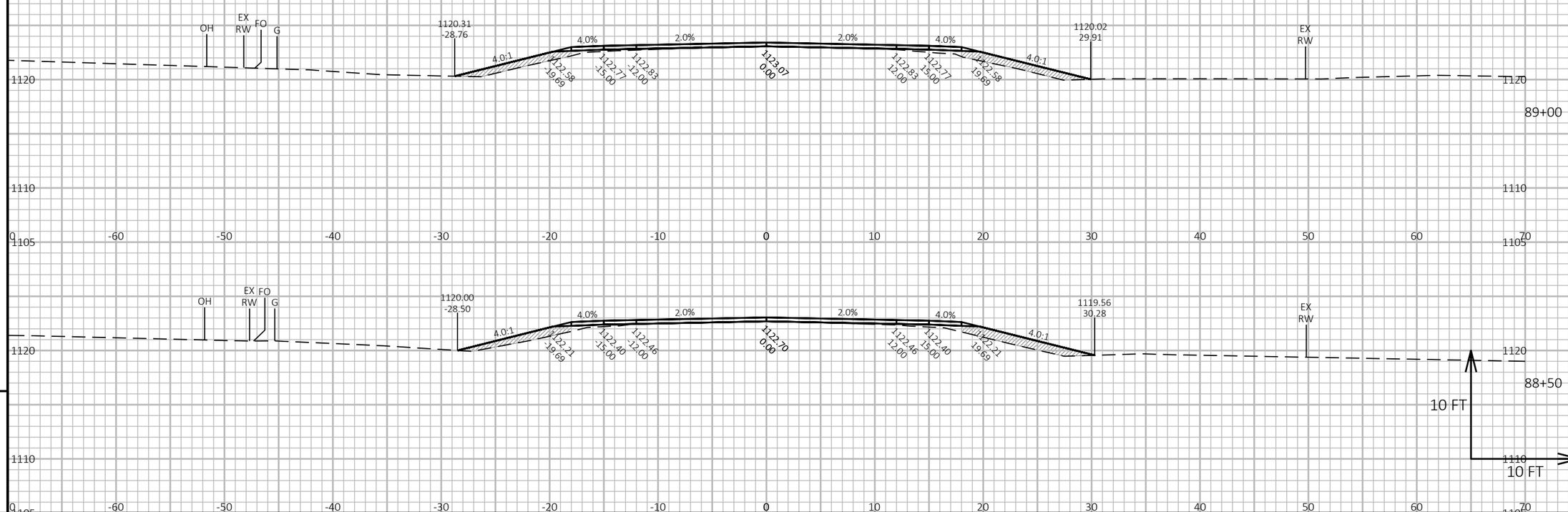
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-43

PLOT DATE : 12/12/2024 8:49 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION







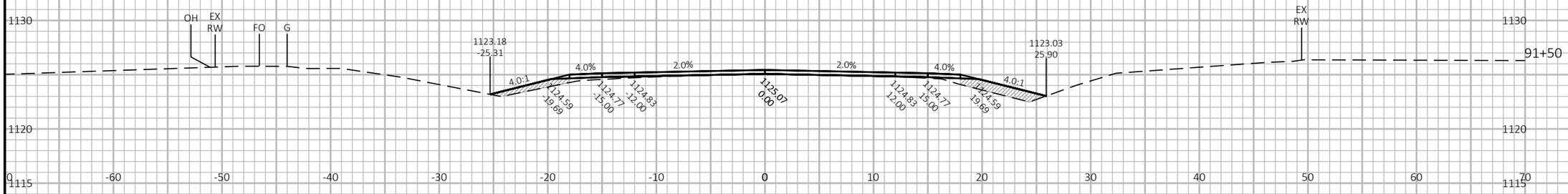
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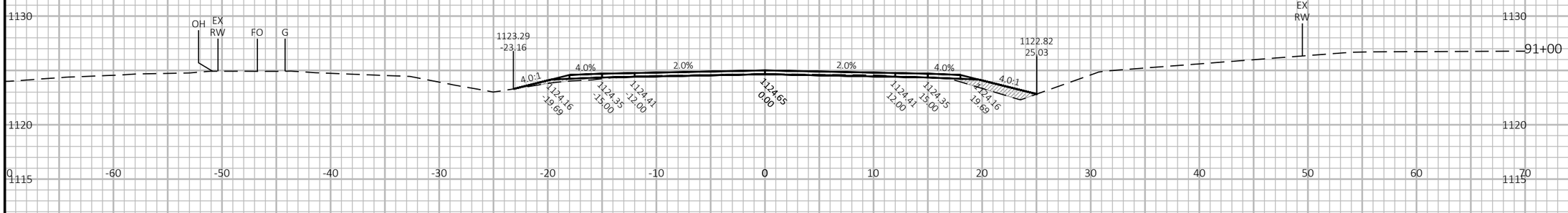
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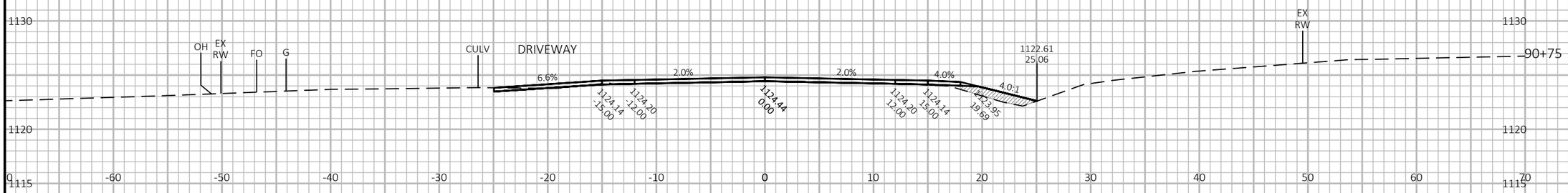
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 241	E

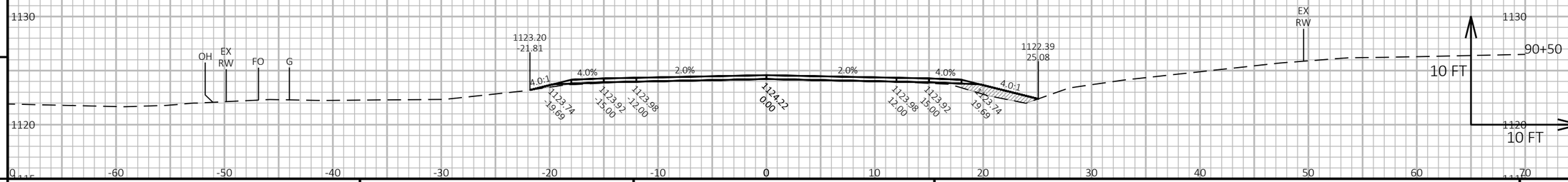
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LAYOUT NAME - xs-44
PLOT DATE : 12/12/2024 8:49 AM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 242	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-45

PLOT DATE : 12/12/2024 8:50 AM

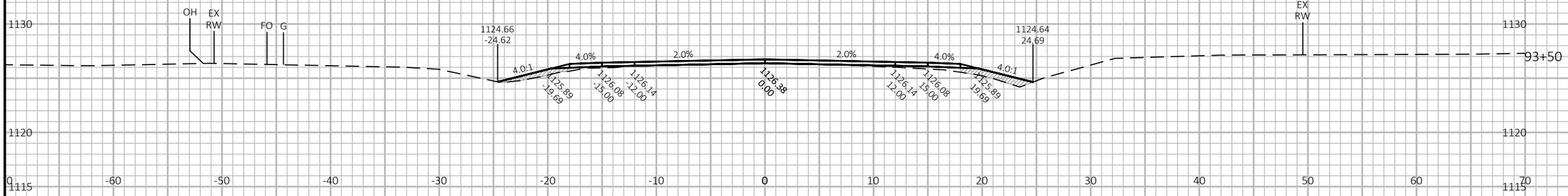
PLOT BY : JORDAN DISTERHAFT

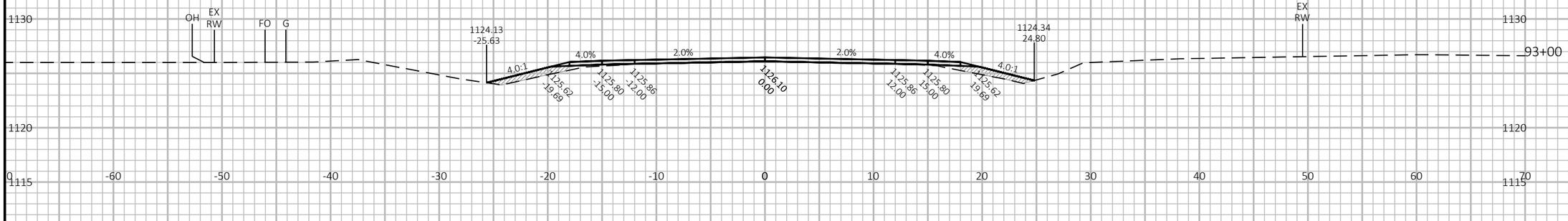
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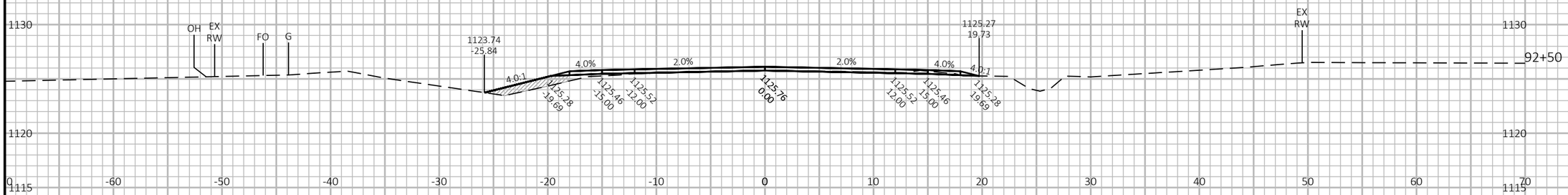
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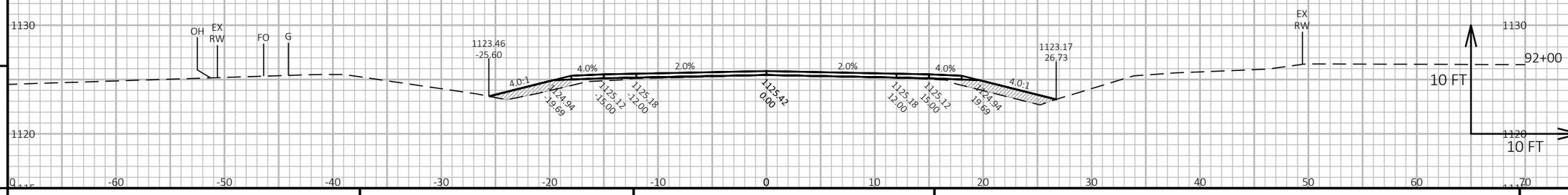
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 243	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-46

PLOT DATE : 12/12/2024 8:50 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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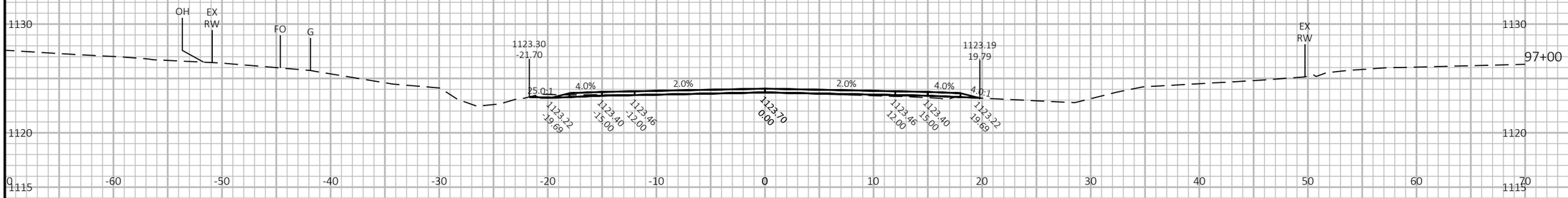
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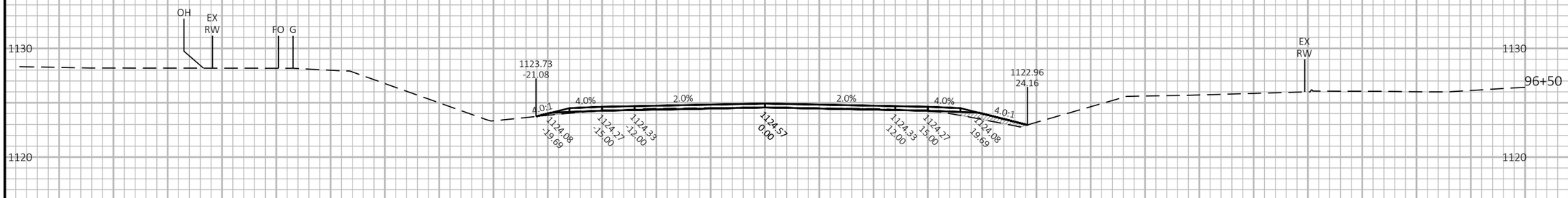
FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-47

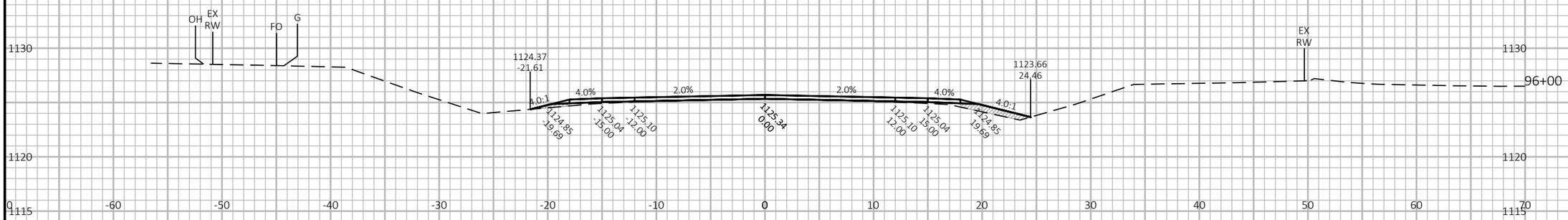
PLOT DATE : 12/12/2024 8:50 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

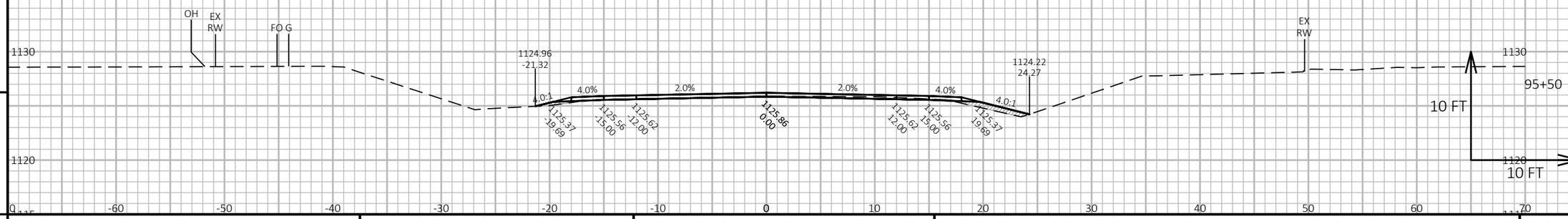
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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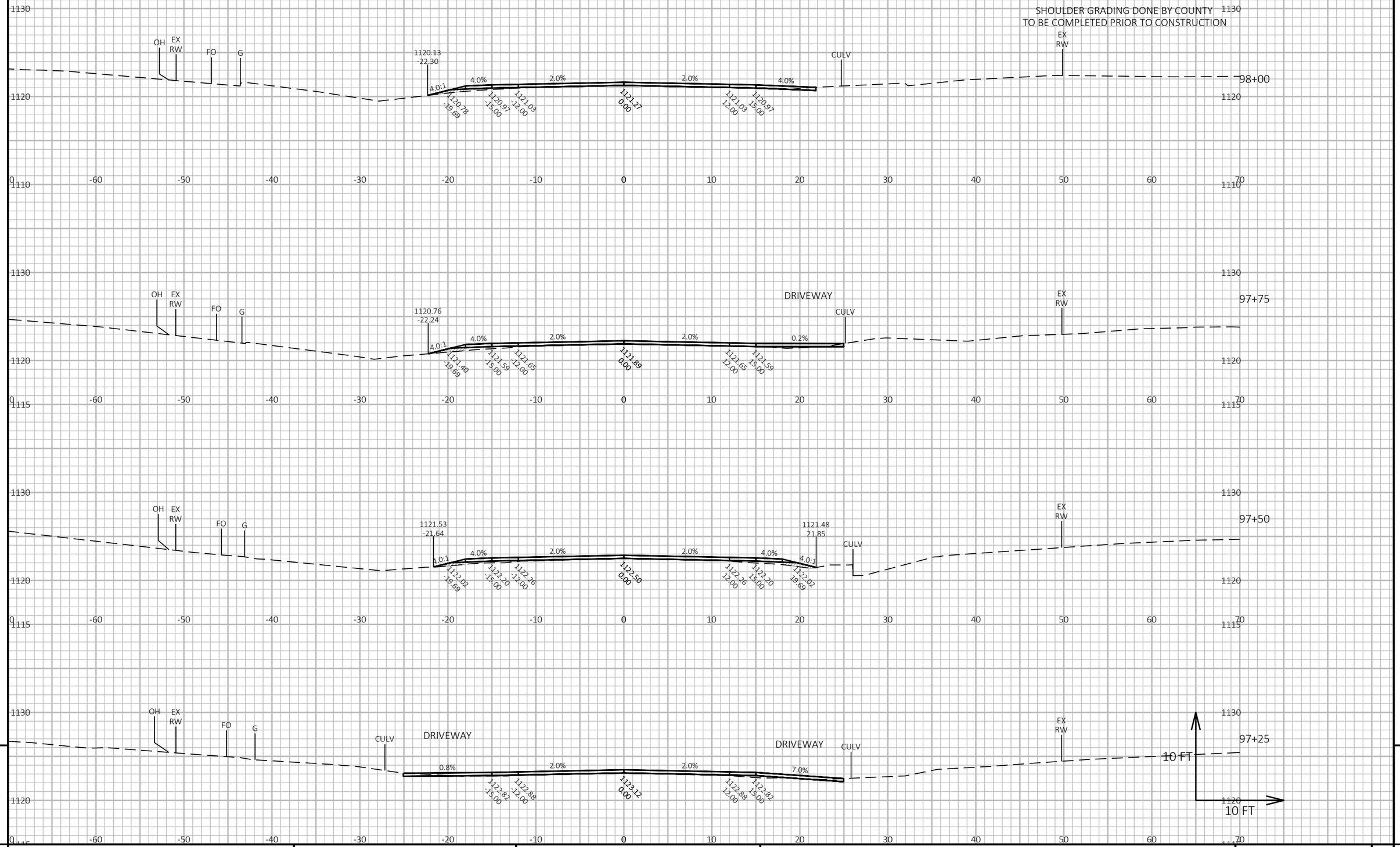
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 245	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-48

PLOT DATE : 12/12/2024 8:50 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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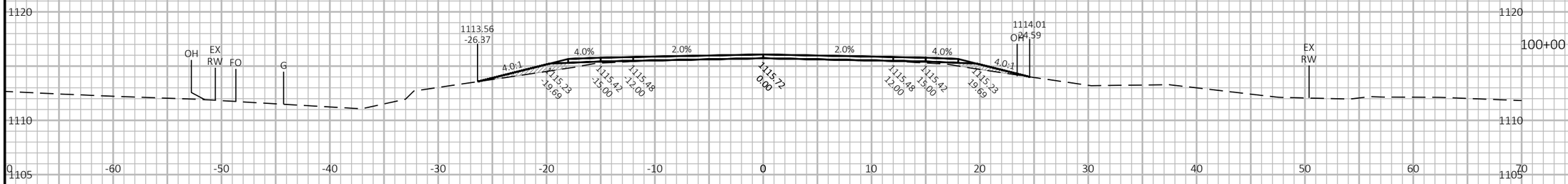
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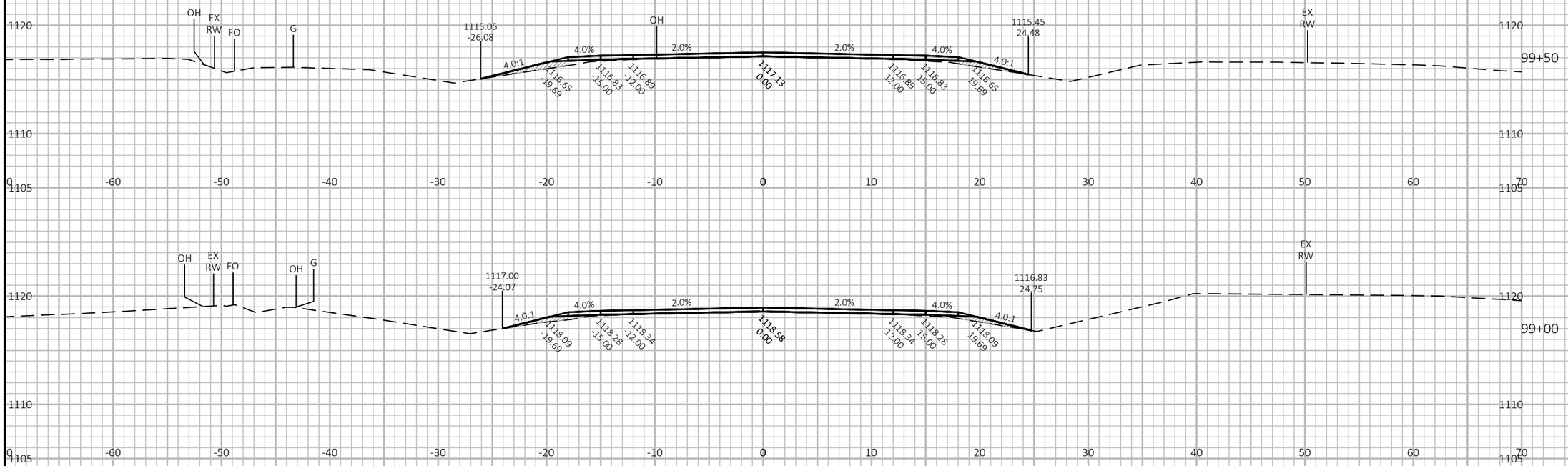
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LAYOUT NAME - xs-49

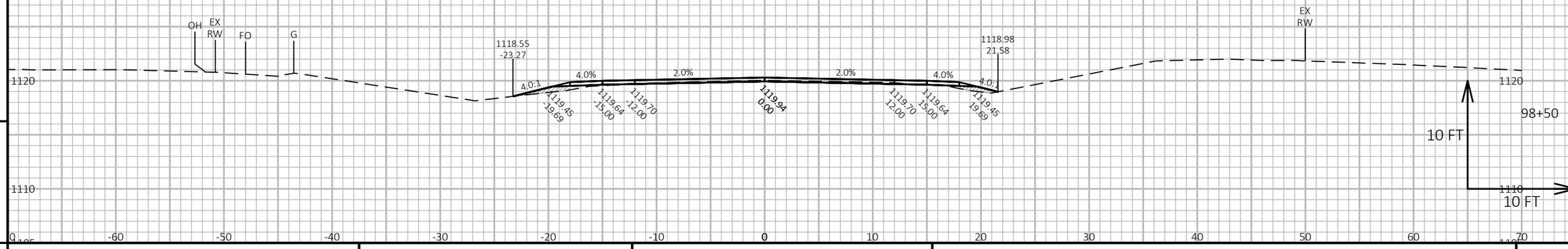
PLOT DATE : 12/12/2024 8:50 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION







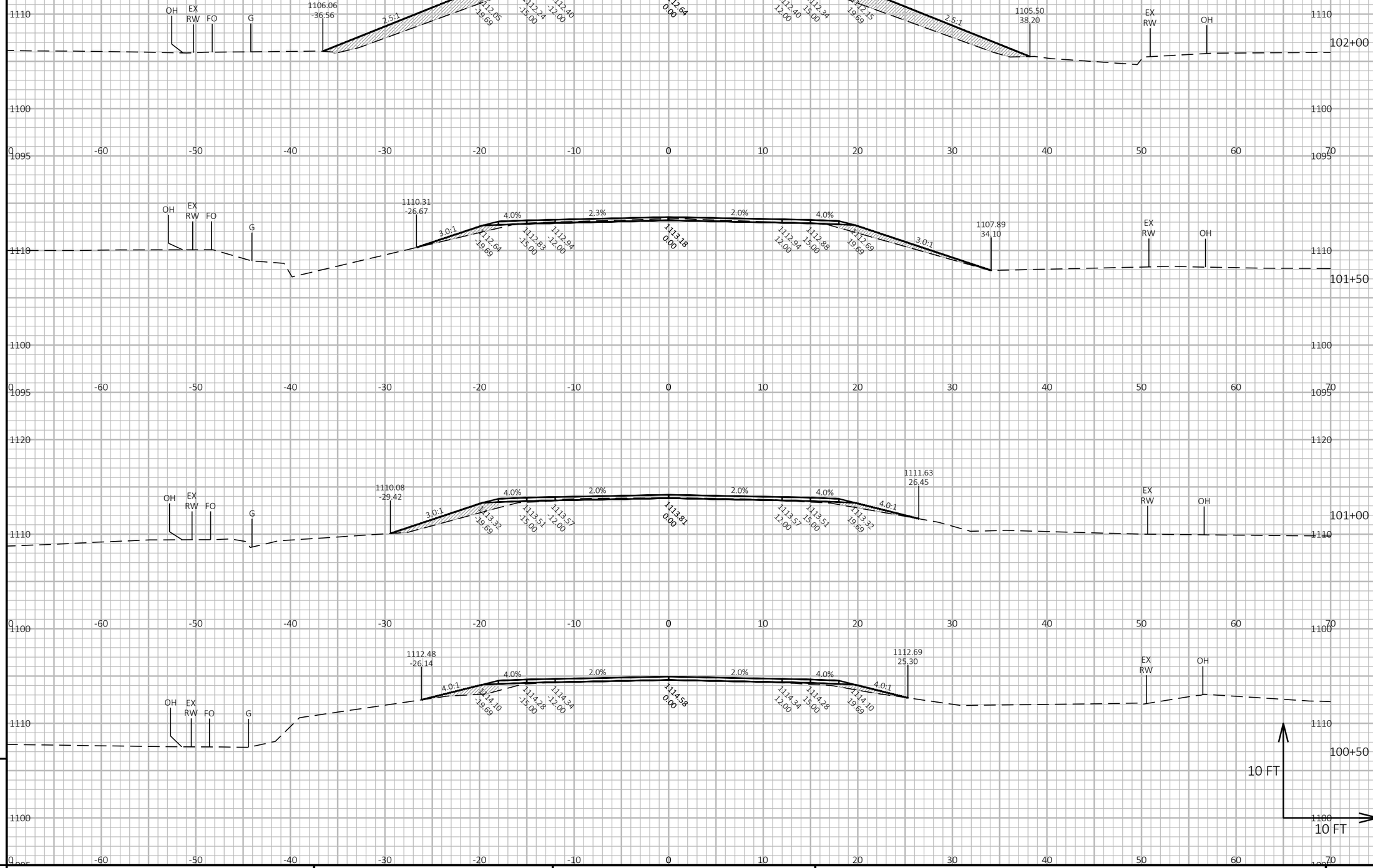
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 247	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-50
PLOT DATE : 12/12/2024 8:50 AM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 248 E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-51

PLOT DATE : 12/12/2024 8:51 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



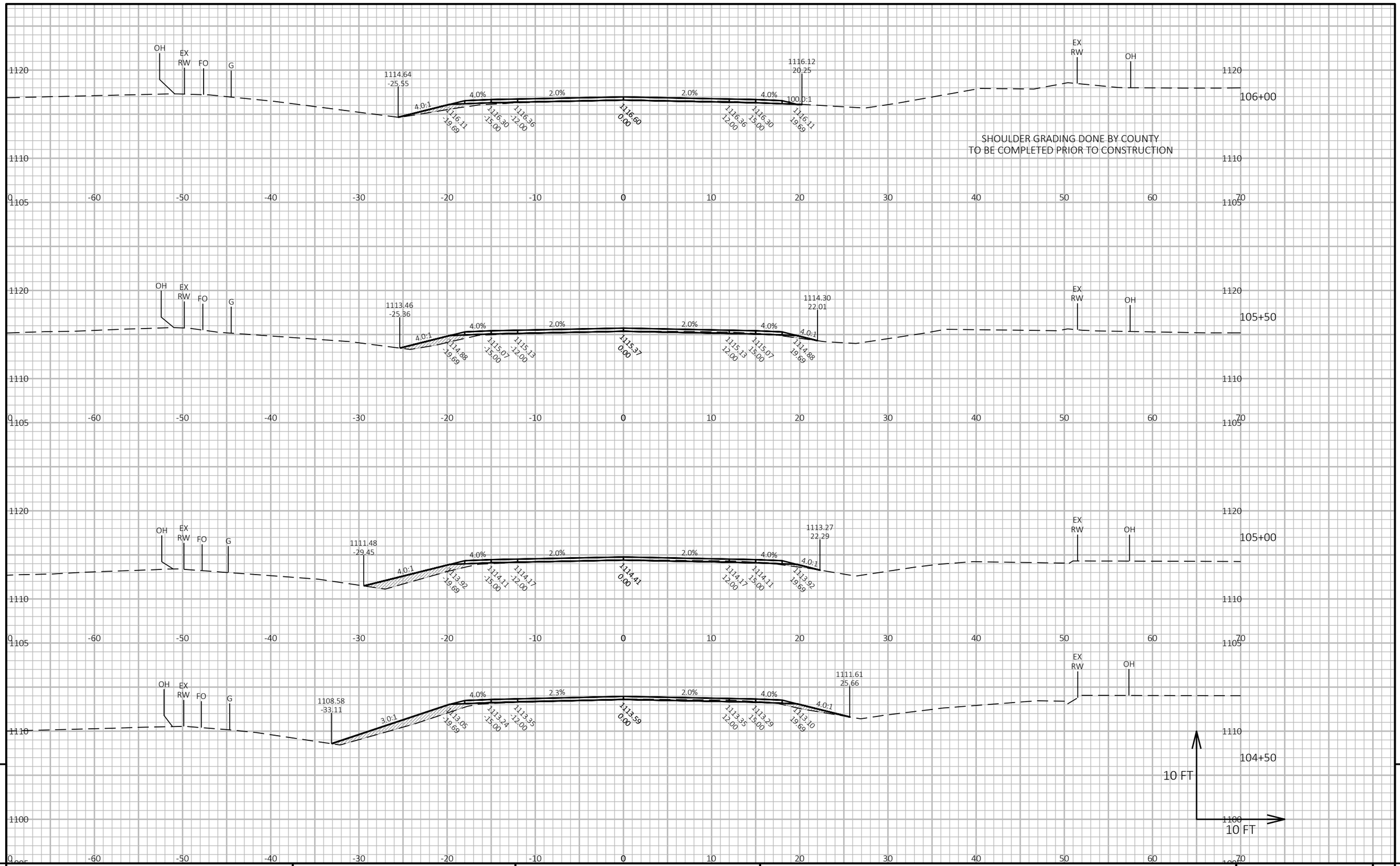
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 249	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-52

PLOT DATE : 12/12/2024 8:51 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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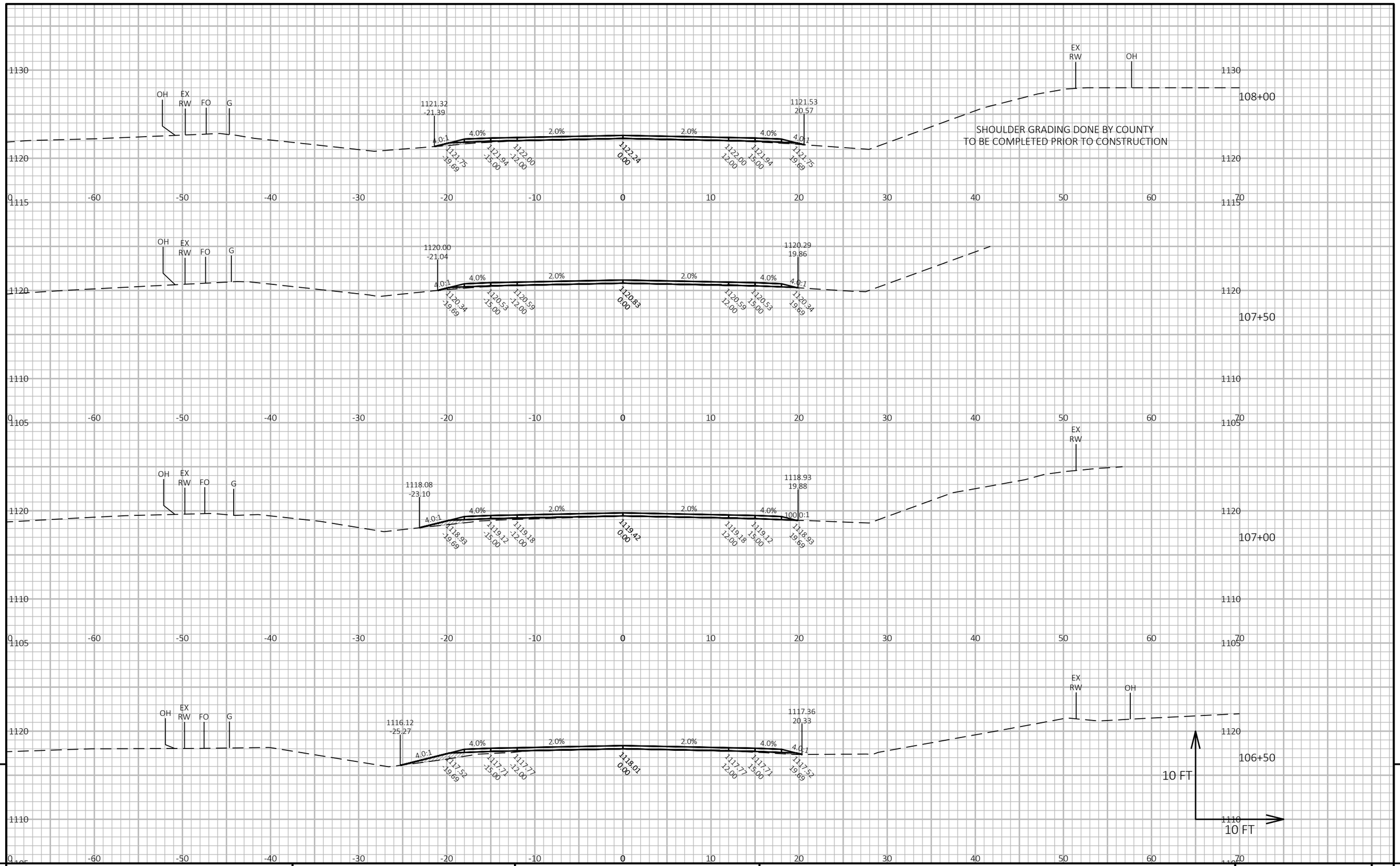
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 250	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-53

PLOT DATE : 12/12/2024 8:51 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



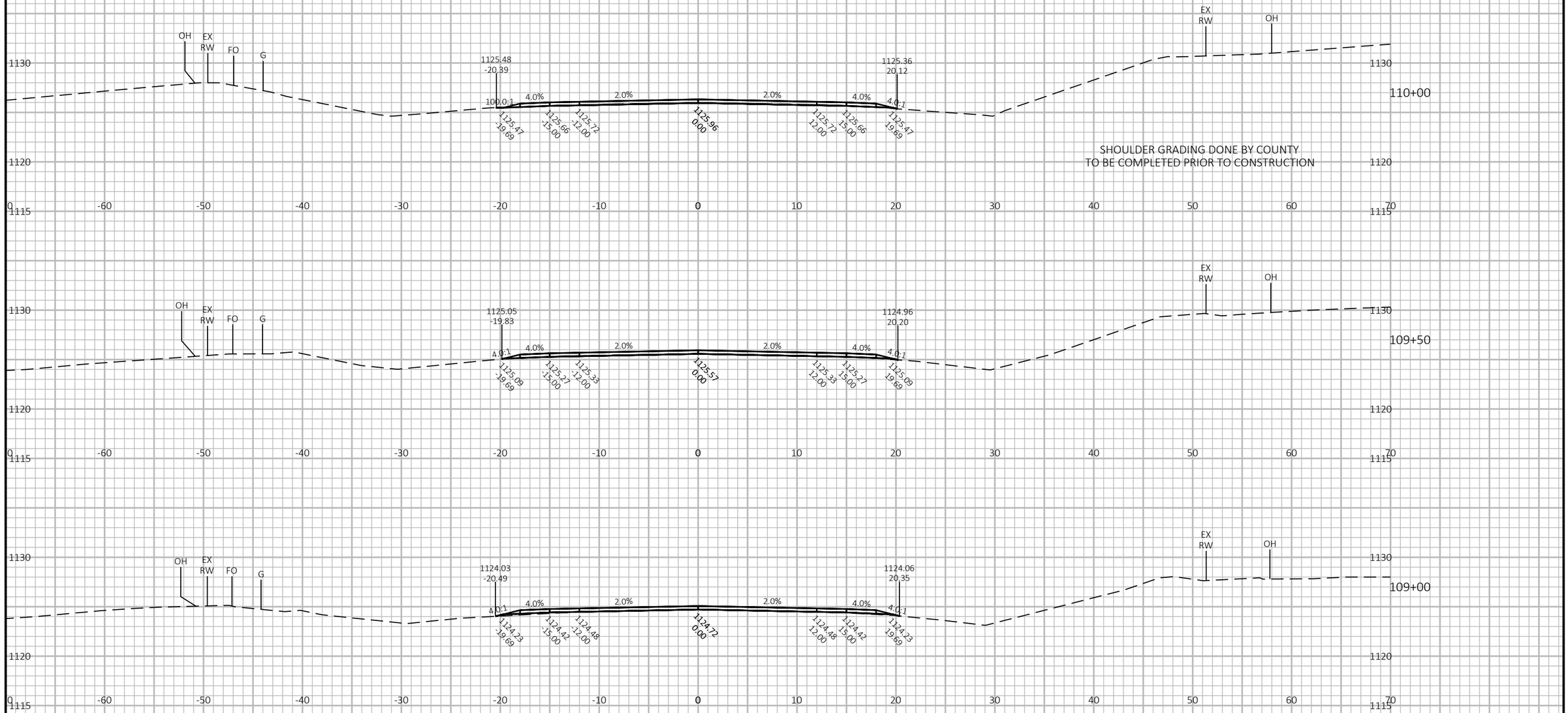
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 251	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-54

PLOT DATE : 12/12/2024 8:51 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 252	E

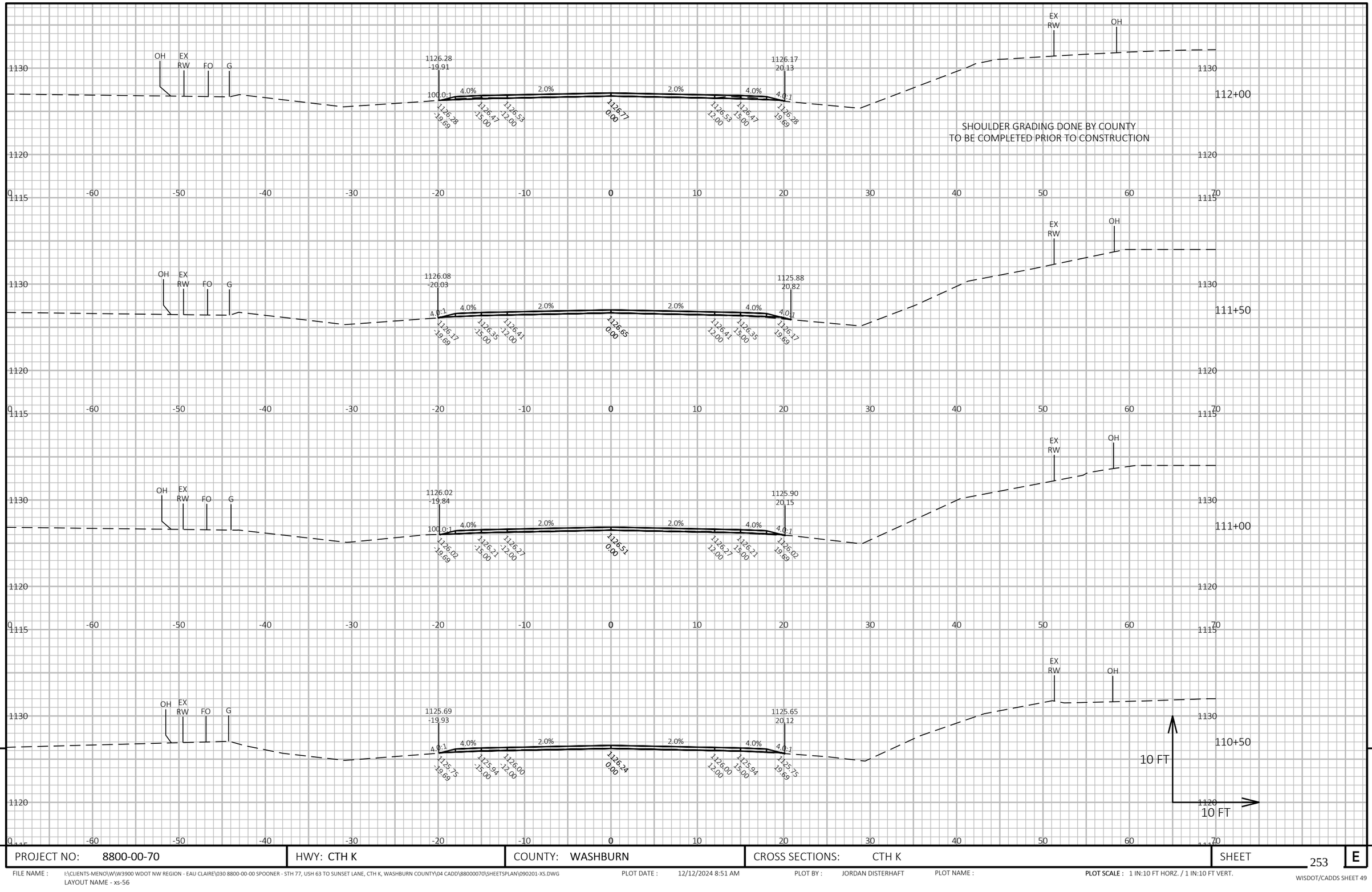
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LAYOUT NAME - xs-55

PLOT DATE : 12/12/2024 8:51 AM

PLOT BY : JORDAN DISTERHAFT

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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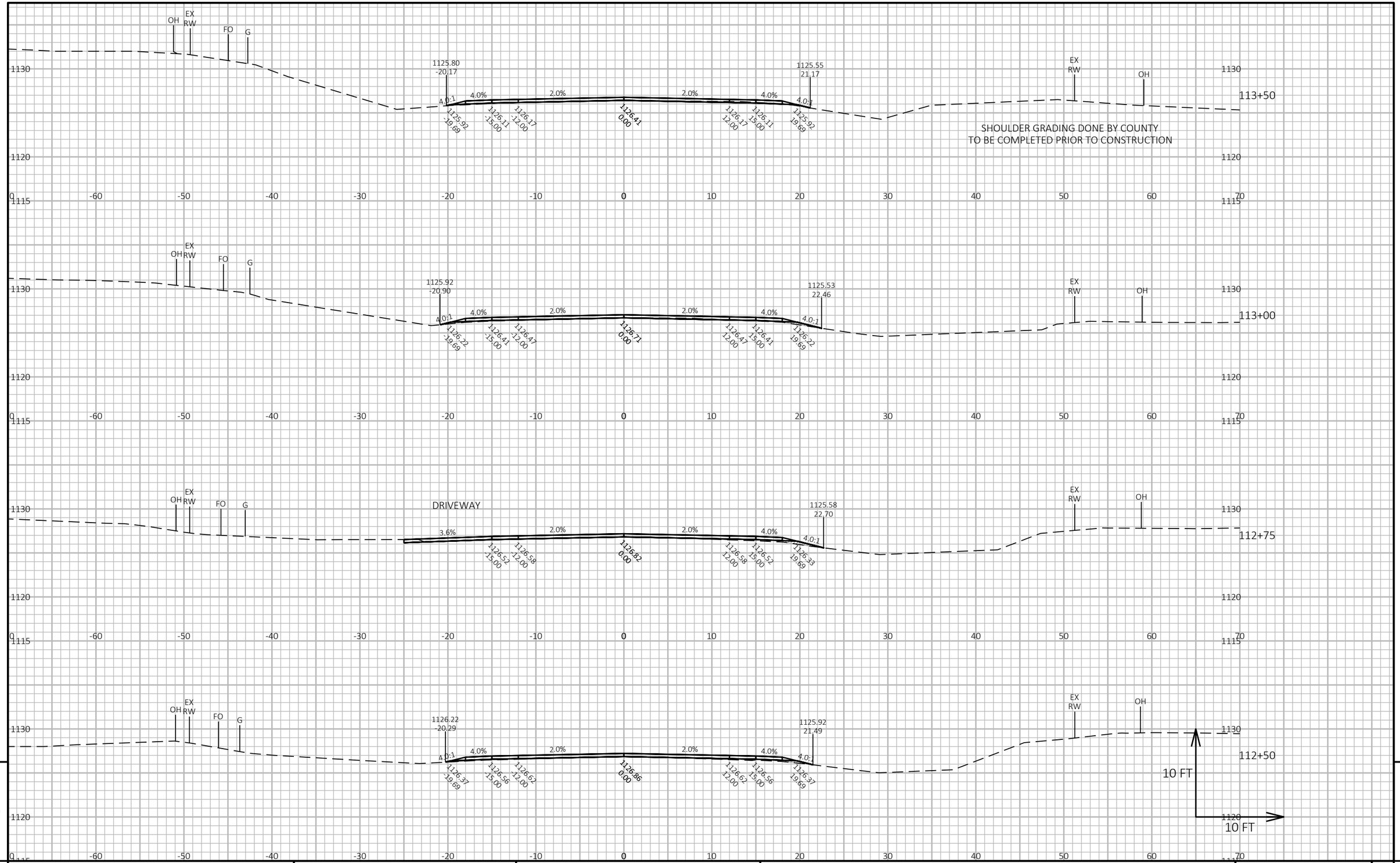
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PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 253	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-56

PLOT DATE : 12/12/2024 8:51 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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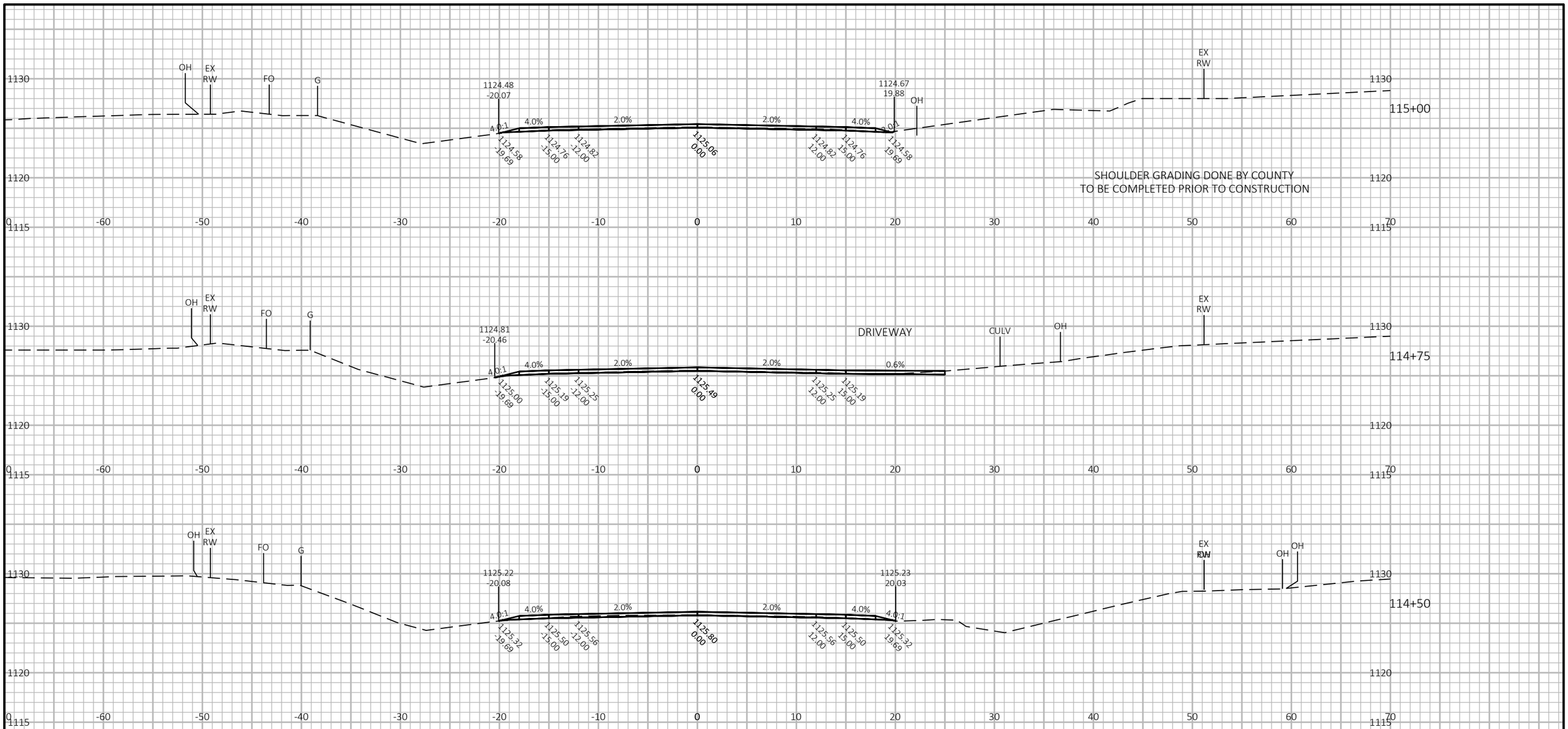
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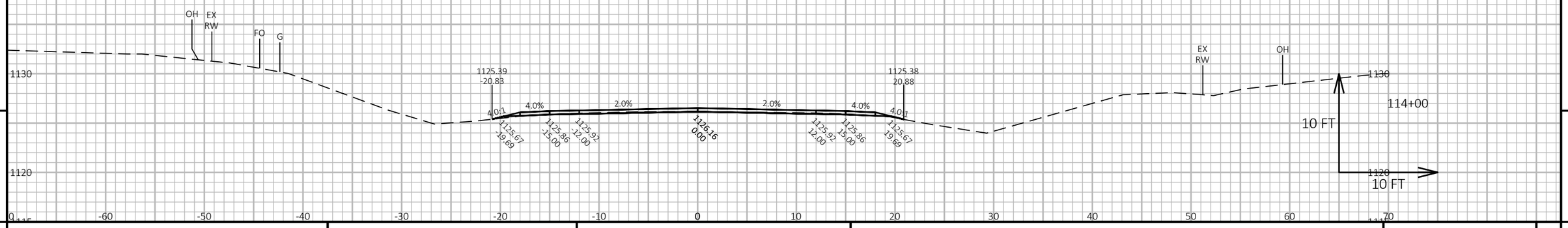
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FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-57

PLOT DATE : 12/12/2024 8:52 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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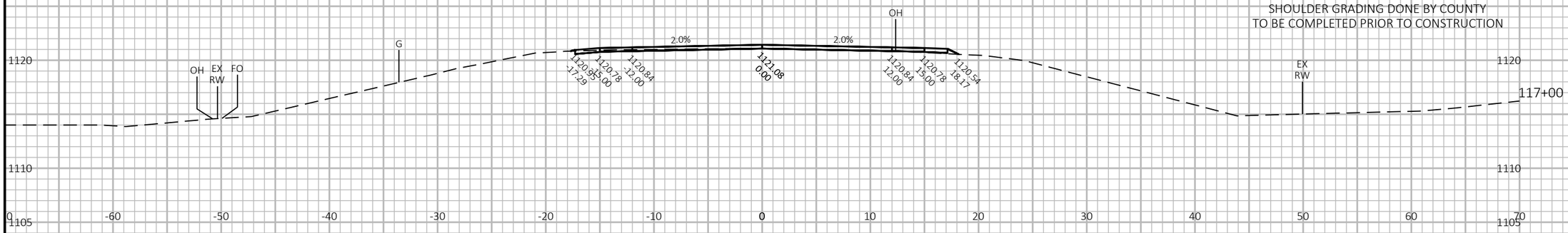
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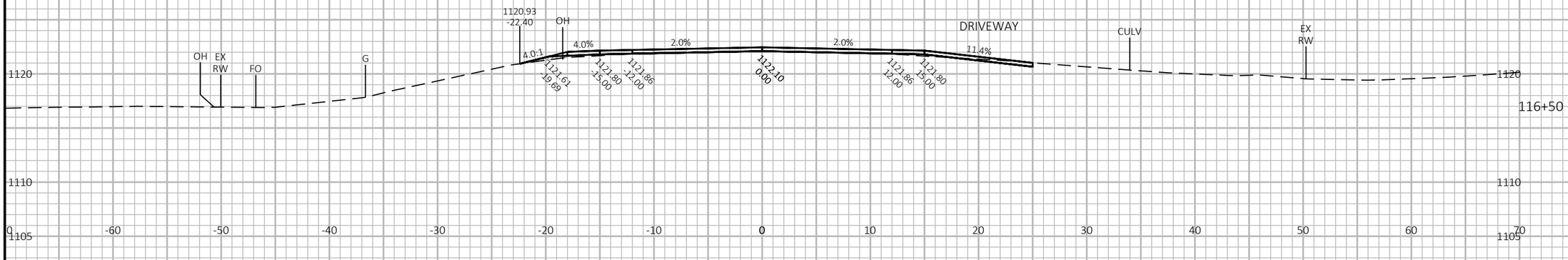
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LAYOUT NAME - xs-58

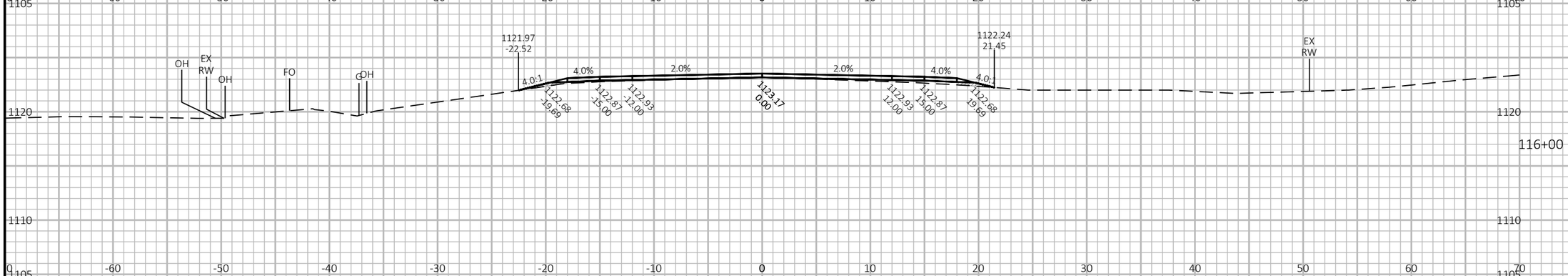
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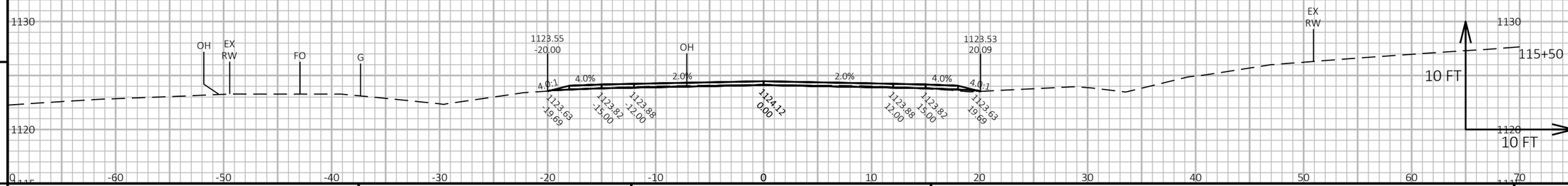
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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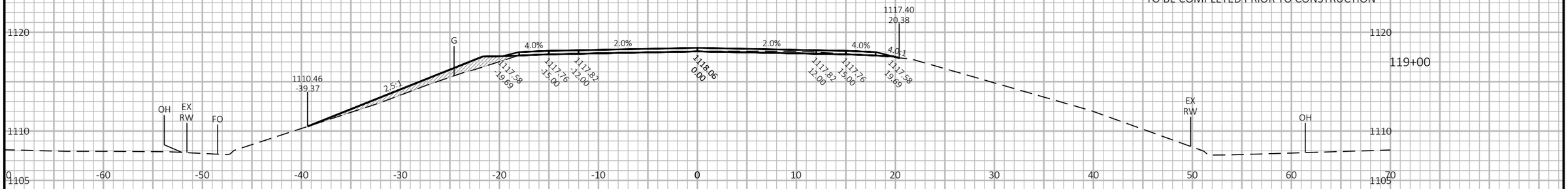
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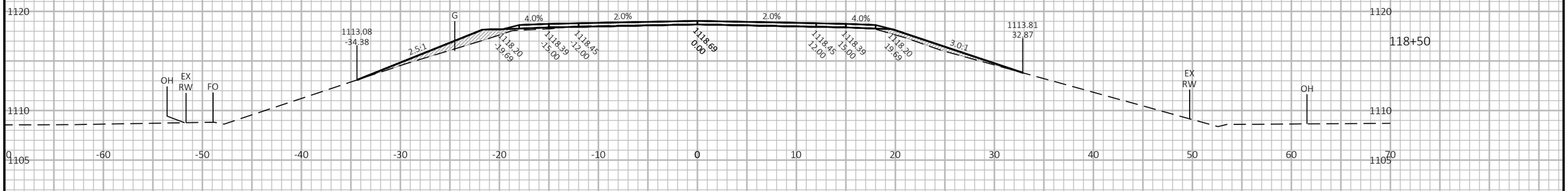
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LAYOUT NAME - xs-59

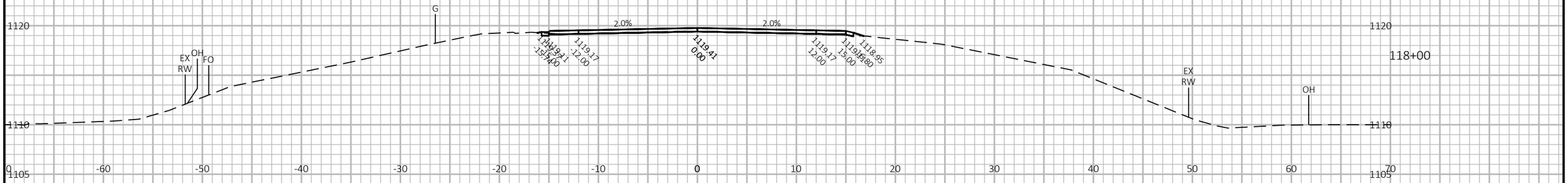
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WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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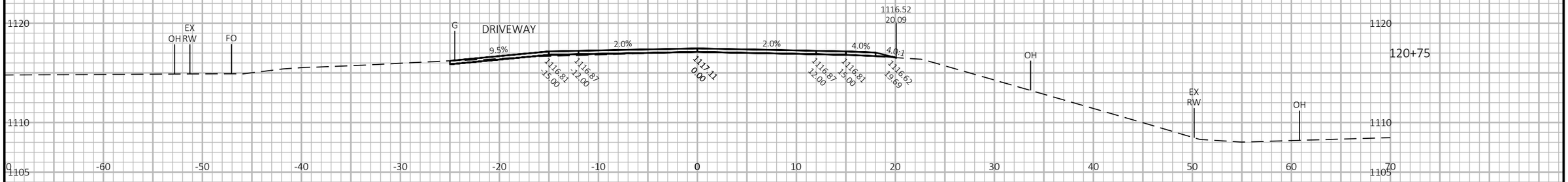
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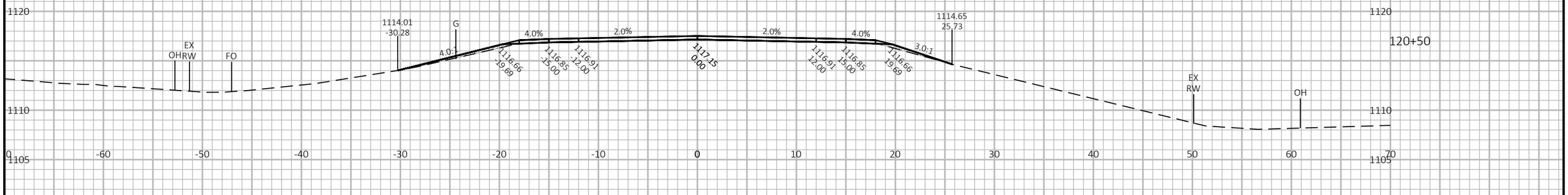
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LAYOUT NAME - xs-60

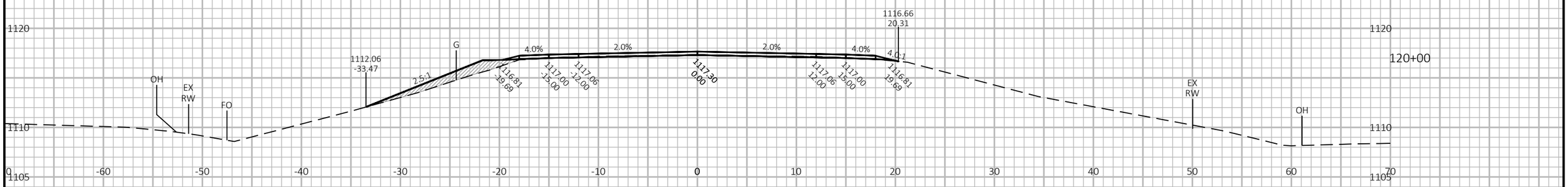
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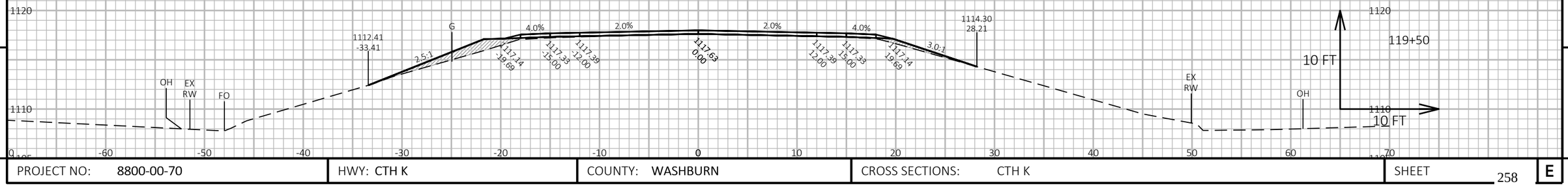
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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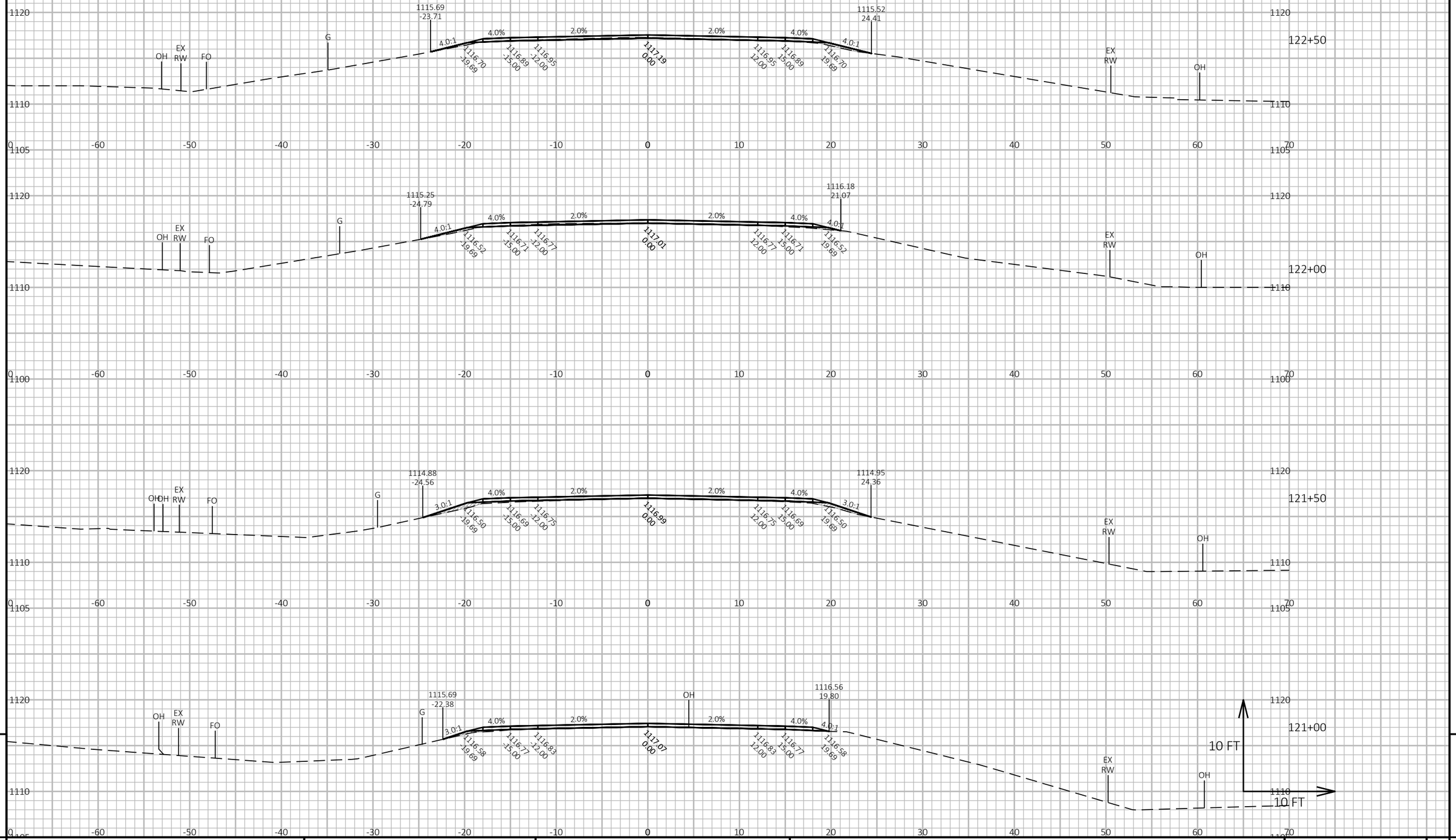
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FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-61

PLOT DATE : 12/12/2024 8:52 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



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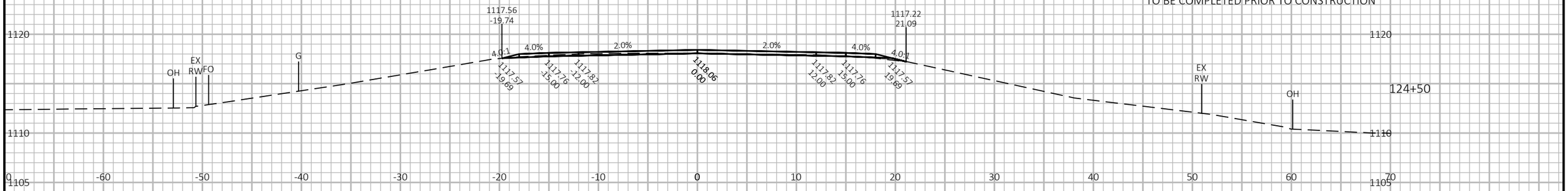
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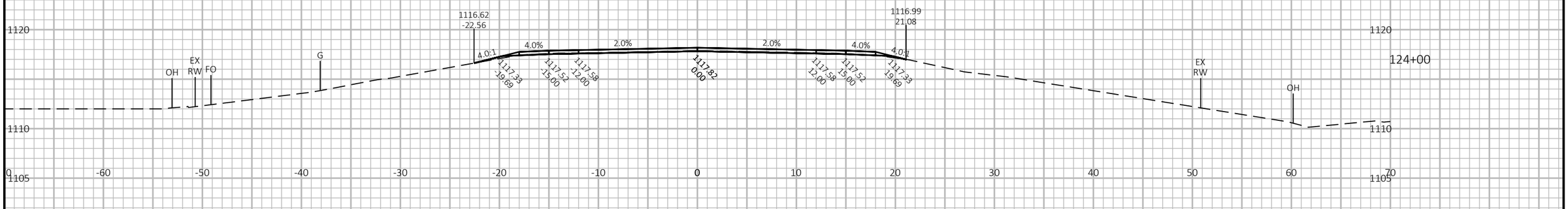
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LAYOUT NAME - xs-62

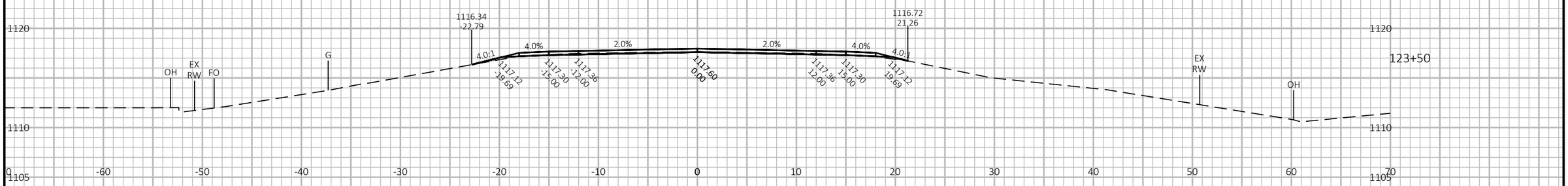
PLOT DATE : 12/12/2024 8:52 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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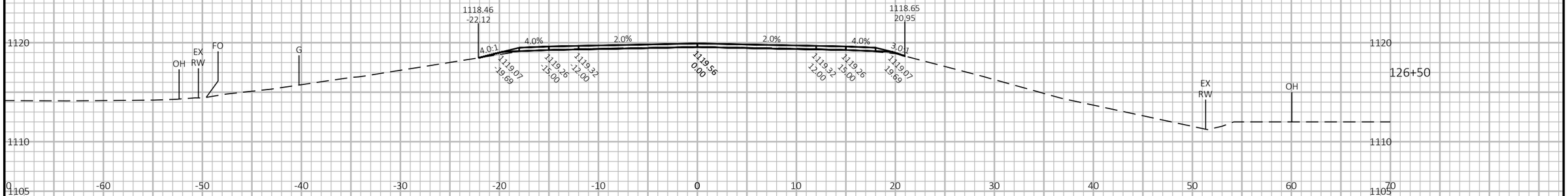
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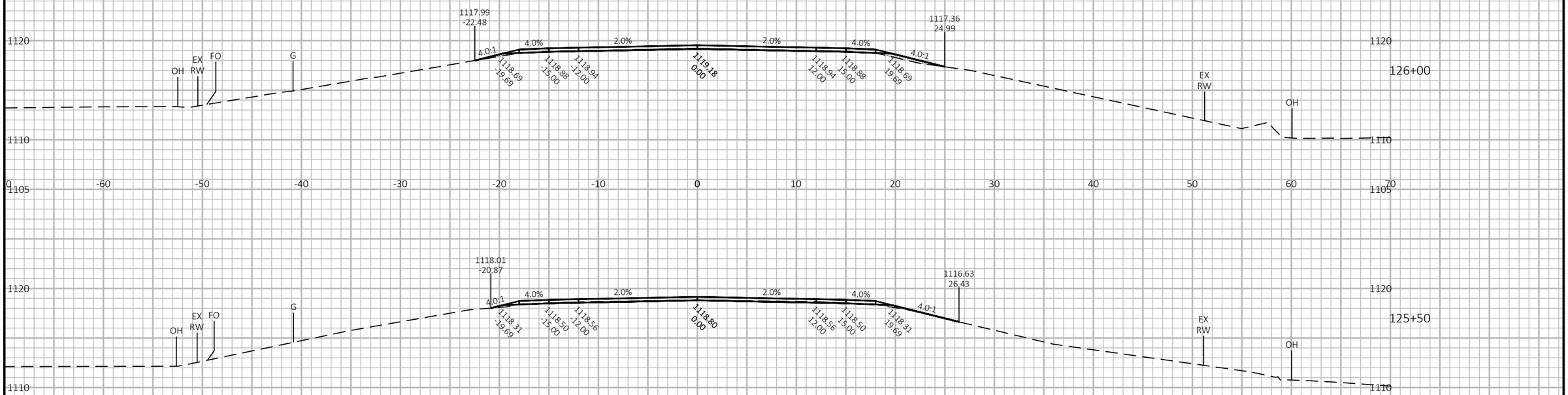
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LAYOUT NAME - xs-63

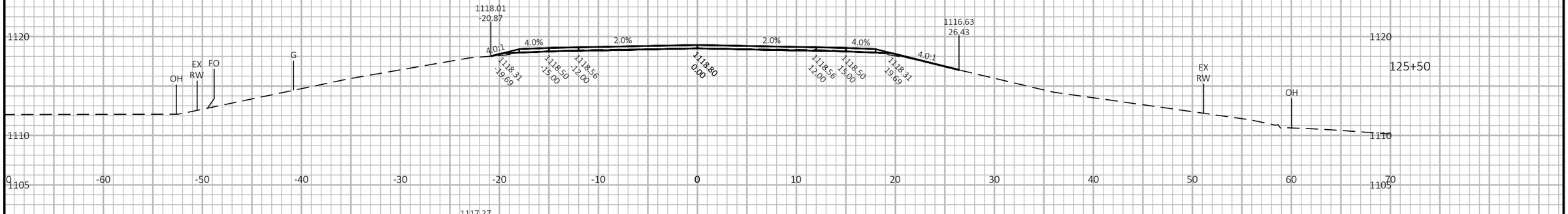
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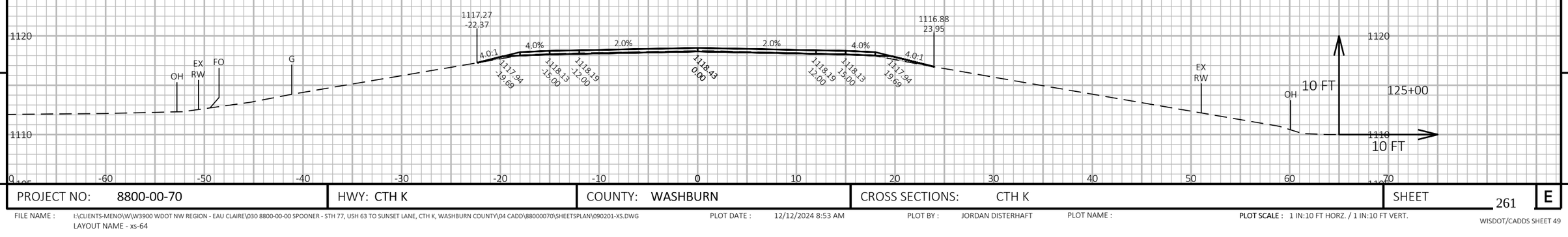
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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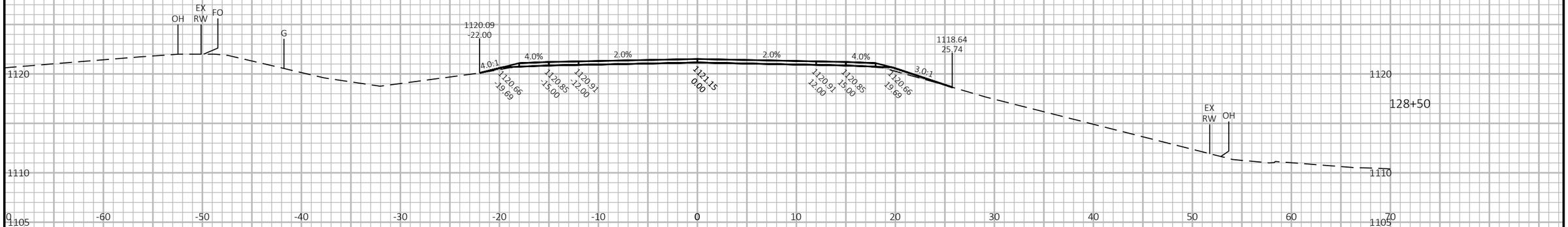
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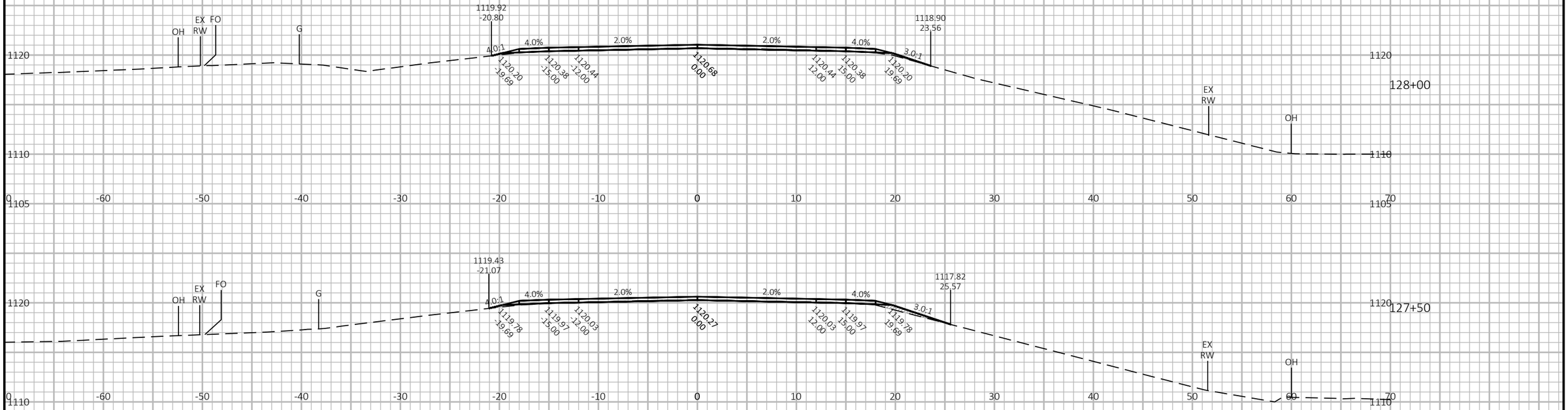
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LAYOUT NAME - xs-64

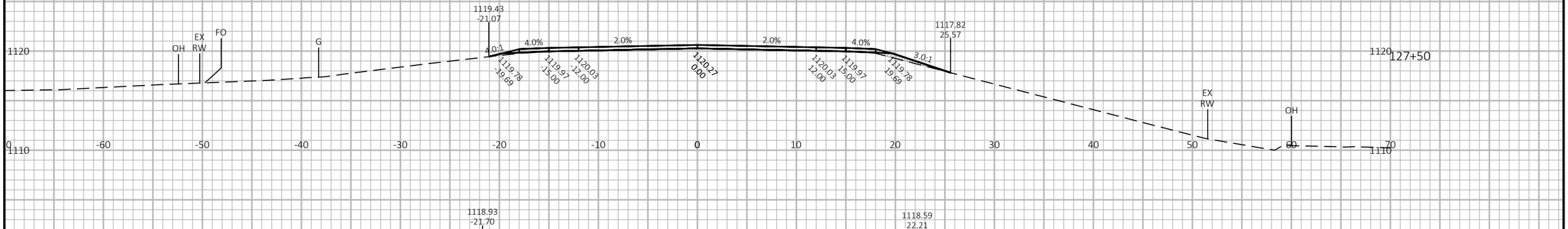
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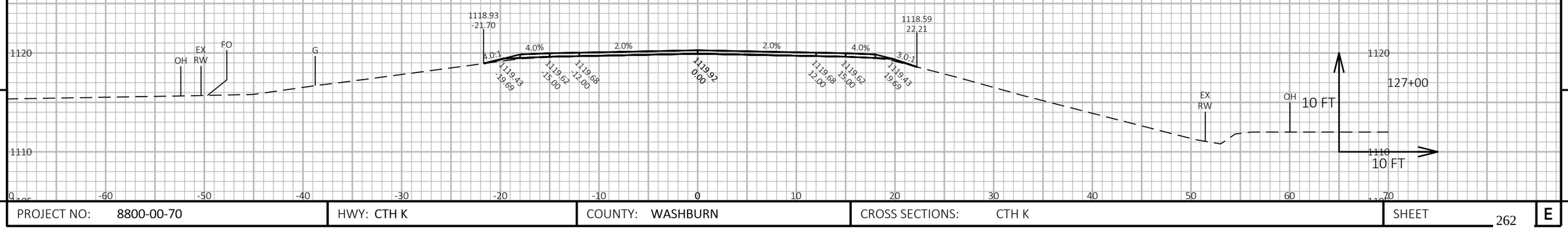
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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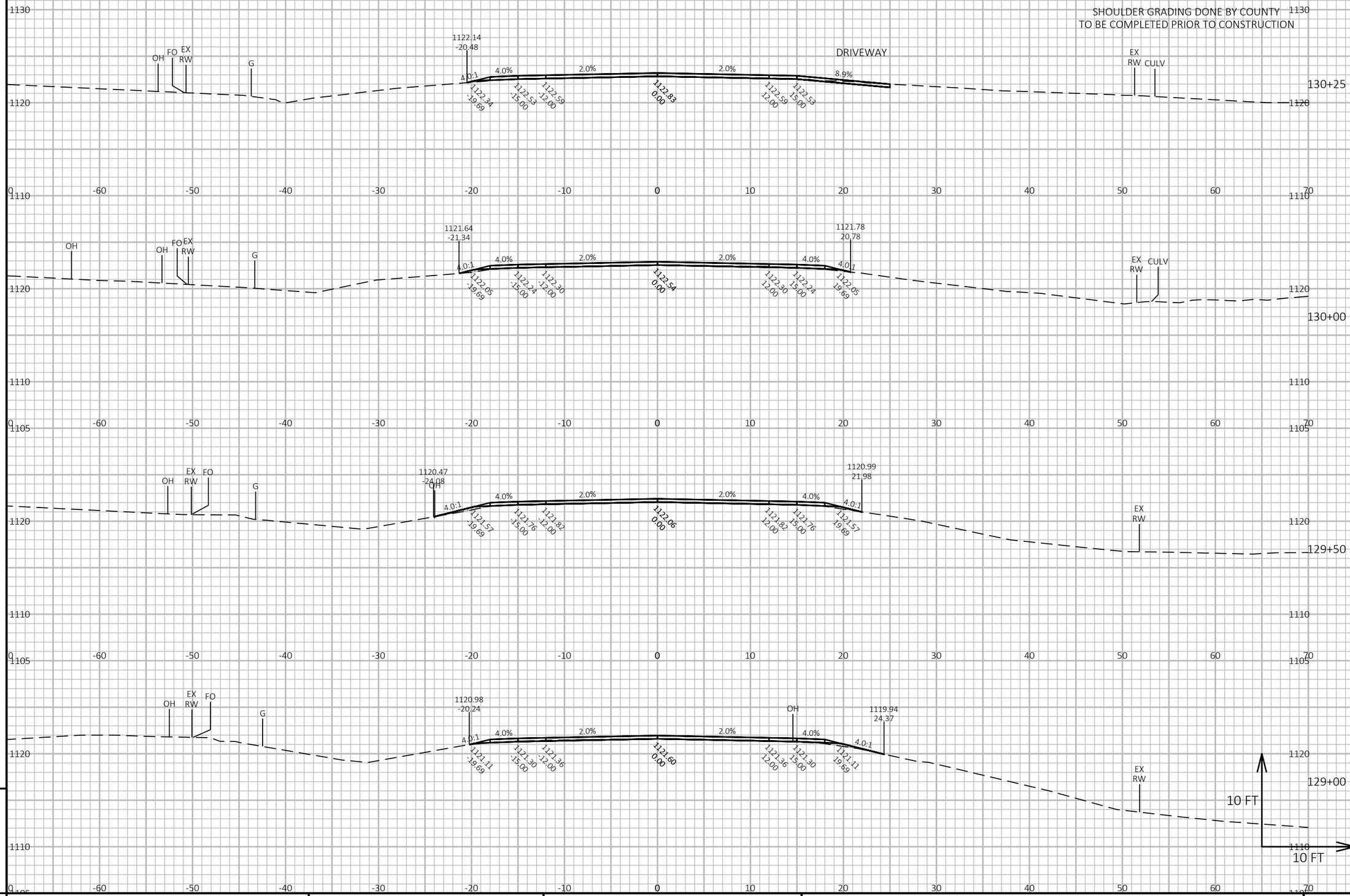
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 262	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-65

PLOT DATE : 12/12/2024 8:53 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



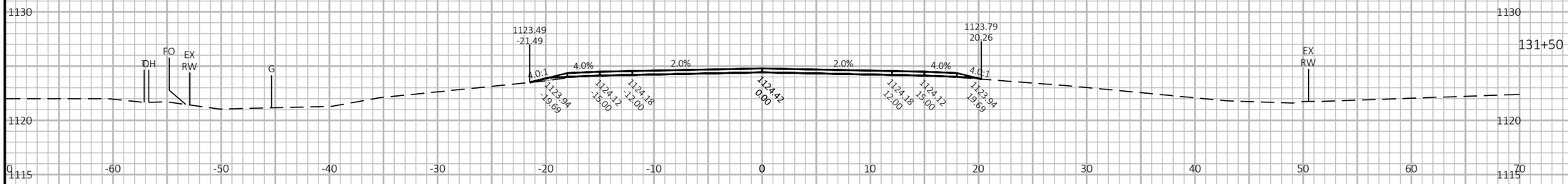
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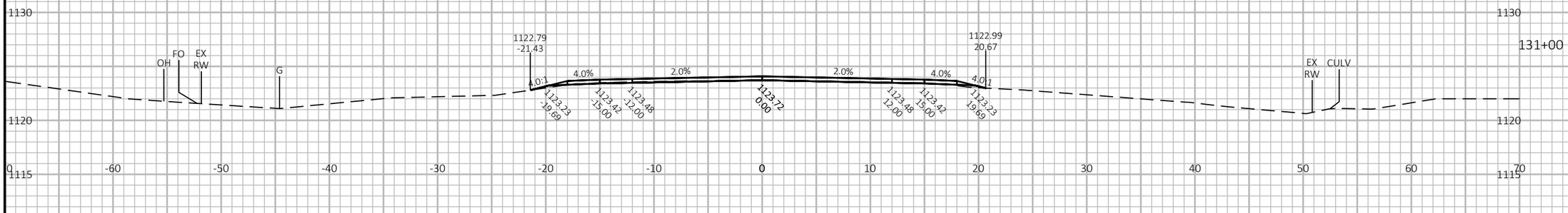
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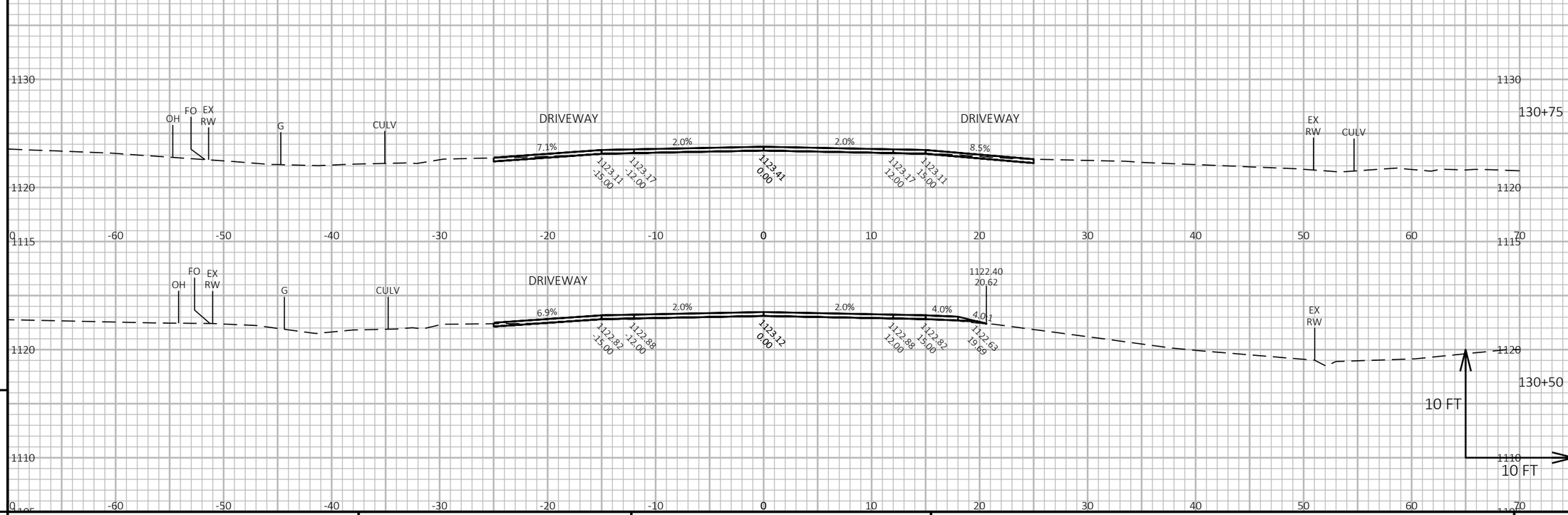
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WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION







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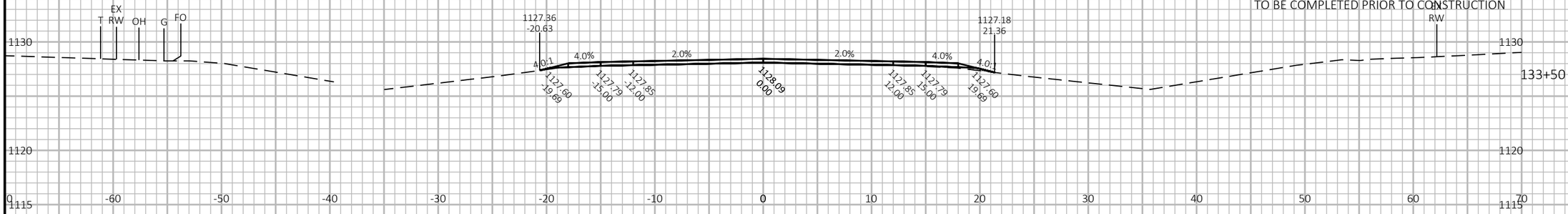
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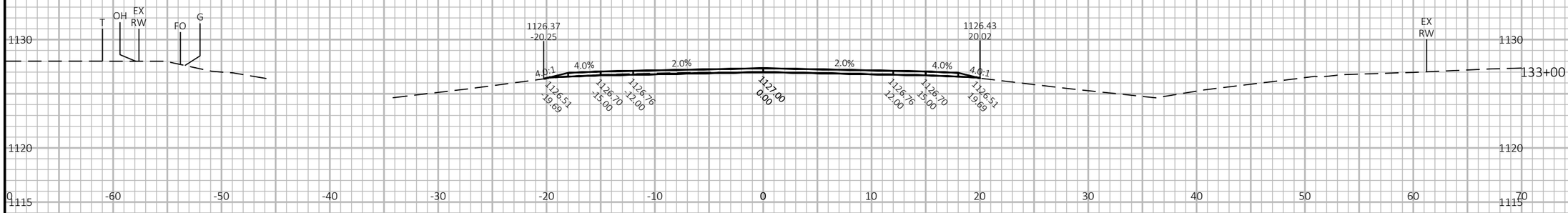
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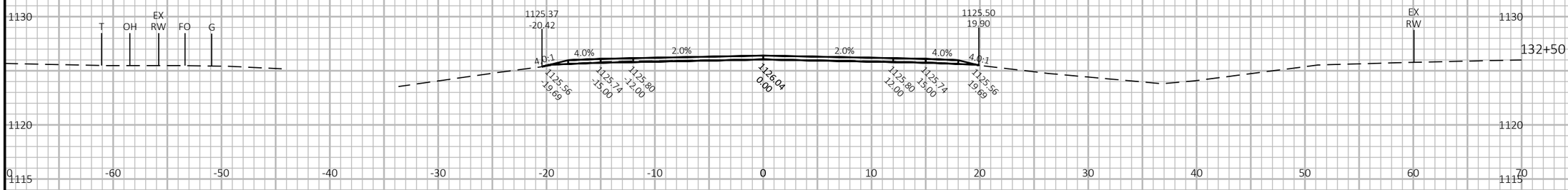
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LAYOUT NAME - xs-67

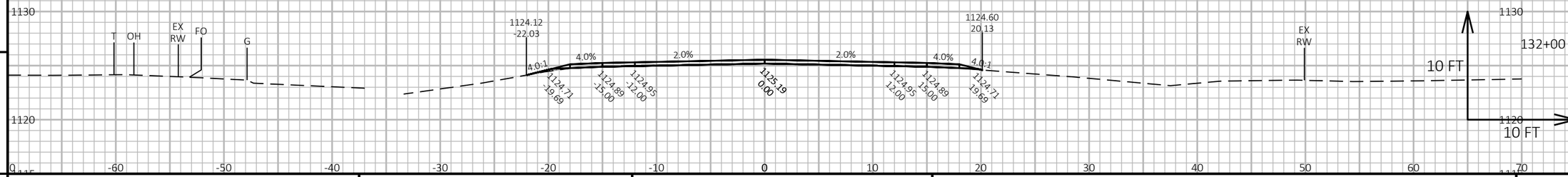
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SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION









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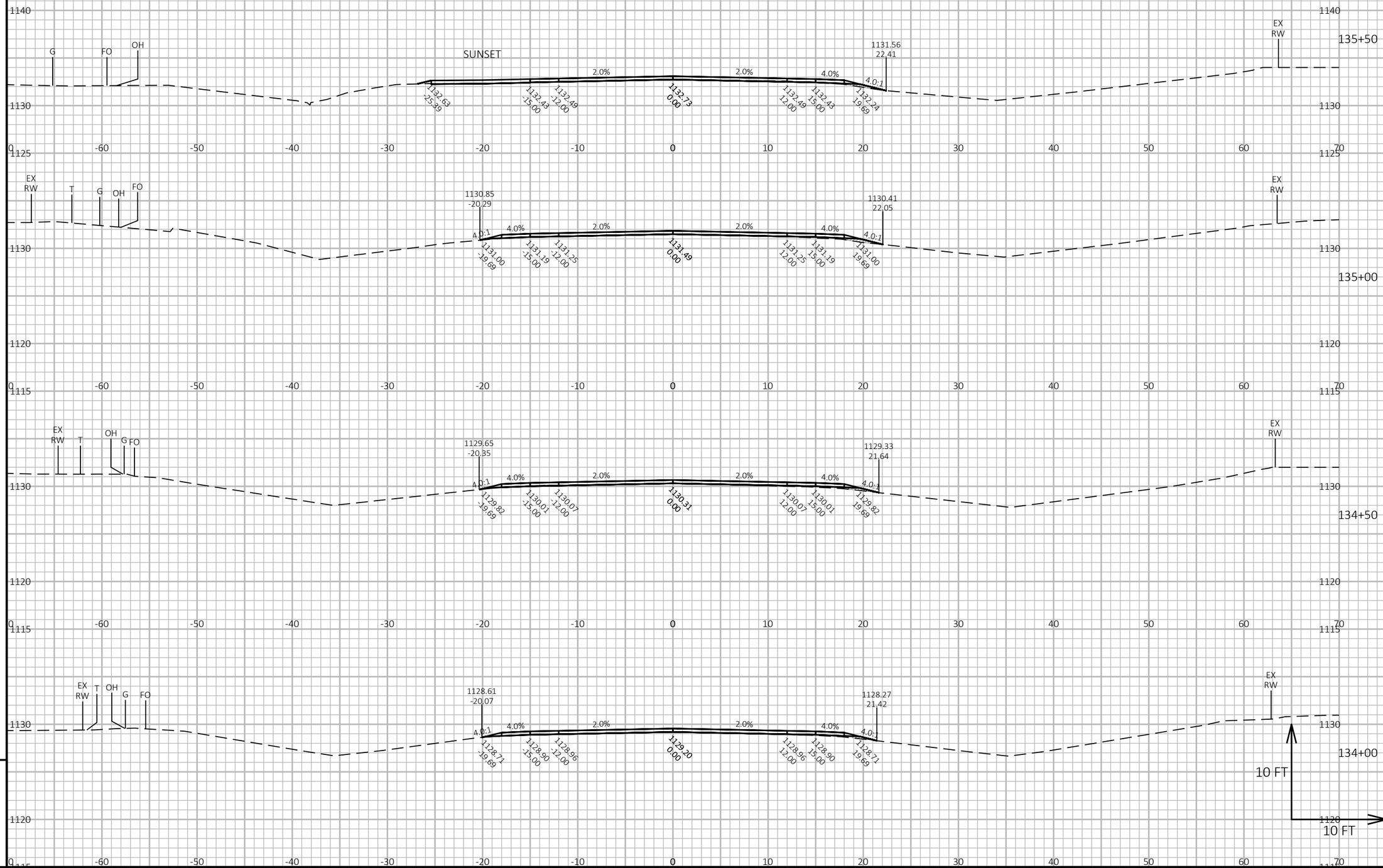
PROJECT NO: 8800-00-70	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 265	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-68

PLOT DATE : 12/12/2024 8:53 AM PLOT BY : JORDAN DISTERHAFT PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

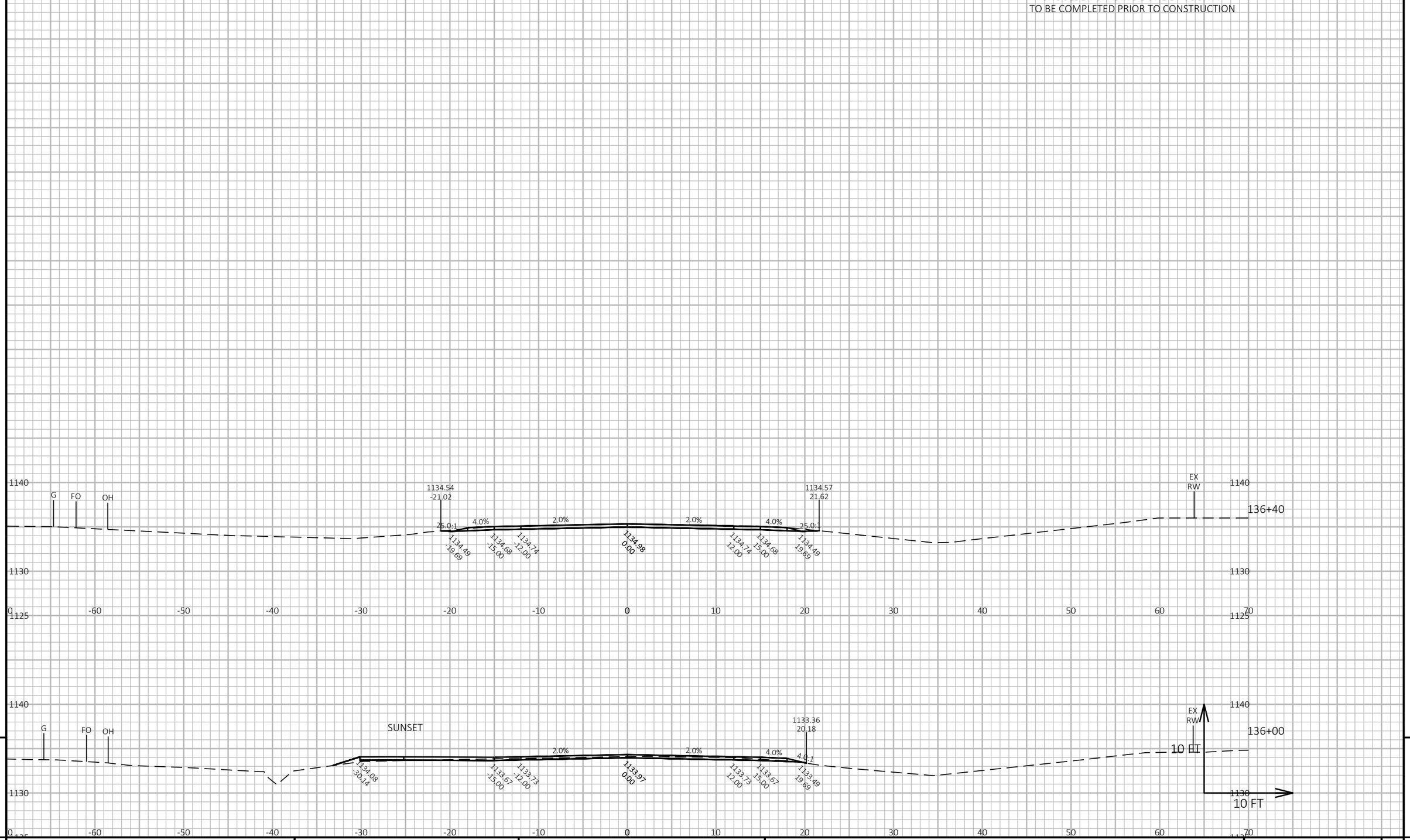
SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 266	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-69
PLOT DATE : 12/12/2024 8:54 AM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

SHOULDER GRADING DONE BY COUNTY
TO BE COMPLETED PRIOR TO CONSTRUCTION



9 9

PROJECT NO: 8800-00-00	HWY: CTH K	COUNTY: WASHBURN	CROSS SECTIONS: CTH K	SHEET 267	E

FILE NAME : I:\CLIENTS-MENO\W\W3900 WDOT NW REGION - EAU CLAIRE\030 8800-00-00 SPOONER - STH 77, USH 63 TO SUNSET LANE, CTH K, WASHBURN COUNTY\04 CADD\88000070\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - xs-70
PLOT DATE : 12/12/2024 8:54 AM
PLOT BY : JORDAN DISTERHAFT
PLOT NAME :
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

Wisconsin Department of Transportation

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