GRE

DECEMBER 2025

PROJECT ID: 9095-10-71

WITH: NA

COUNTY: OCONTO

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 = 322



26

N

DESIGN DESIGNATION

A.A.D.T.	(2026)	=	1368
A.A.D.T.	(2046)	=	1768
D.H.V.		=	220
D.D.		=	50/50
T.		=	8.6%
DESIGN SPEED		=	45/55 MPH
ESALS		=	255,500

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'E&W)
- 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 (95.55)
- 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

PITTSFIELD - CHASE

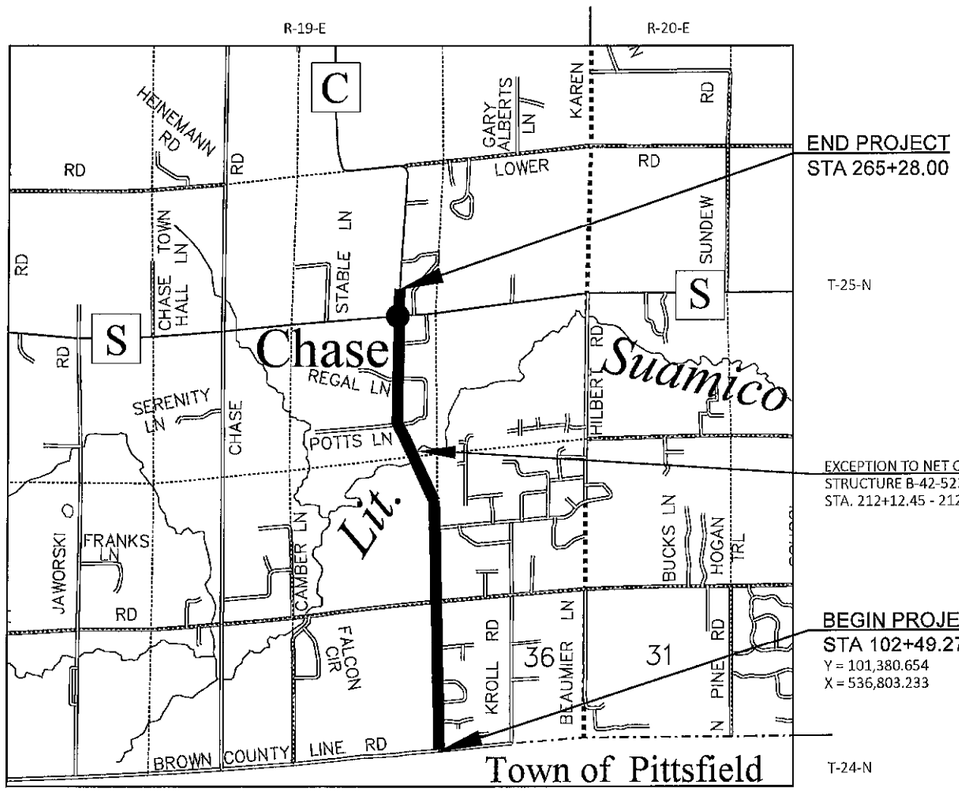
S COUNTY LINE TO CTH S

CTH C

OCONTO COUNTY

STATE PROJECT NUMBER
9095-10-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9095-10-71	WISC2026084	1



LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 3.074 MILES

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

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 18

APPROVED FOR OCONTO COUNTY

7/28/25 Date — Highway Commissioner

JT ENGINEERING

WISCONSIN PROFESSIONAL ENGINEER MURRAY R. GLEN 36246-006 GREEN BAY, WI

DATE: 7/15/25 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JT ENGINEERING
Designer	JT ENGINEERING
Project Manager	ERIK BRATTLUND
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	KELSEY LORENZ

APPROVED FOR THE DEPARTMENT

DATE: 7/28/2025 (Signature)

E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\010101-TI.DWG

PLOT DATE : 6/17/2025 1:14 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

2

GENERAL NOTES

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

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.

DO NOT STORE EQUIPMENT OR MATERIAL IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS, OR WATERWAYS.

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

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

NO FERTILIZER IS TO BE PLACED WITH IN 20-FEET FROM A NAVIGABLE STREAM

UTILITY CONTACTS

CHARTER COMMUNICATIONS - COMMUNICATION LINE
DAVE BERGSTROM
2580 W MASON STREET
GREEN BAY, WI 54303
PHONE: (920) 831-9174
EMAIL: DAVE.BERGSTROM@CHARTER.COM

N-SIGHT - COMMUNICATION LINE
RICK VINCENT
470 SECURITY BLVD
GREEN BAY, WI 54313
PHONE: (920) 617-7316
EMAIL: RICK.VINCENT@NSIGHT.COM

WE ENERGIES - GAS
EDDIE HEDLUND
800 S. LYNDALE DRIVE
APPLETON, WI 54912
PHONE: (414) 380-3240
EMAIL: EDDIE.HEDLUND@WE-ENERGIES.COM

WISCONSIN PUBLIC SERVICE- ELECTRIC
BEN RISCH
2850 S ASHLAND AVE
GREEN BAY, WI 54304
PHONE: (920) 617-4168
EMAIL: BENJAMIN.RISCH@WISCONSINPUBLICSERVICE.COM

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

WISCONSIN DNR LIAISON

JAMES DOPERALSKI
NORTHEAST REGION
2984 SHAWANO AVENUE
GREEN BAY, WI 54313
PHONE: (920) 412-0165
E-MAIL: JAMES.DOPERALSKI@WISCONSIN.GOV

WISCONSIN DOT CONTACT

ERIK BRATTLUND
NORTHEAST REGION
944 VANDEPERRAN WAY
GREEN BAY, WI 54304
PHONE: (920) 492-4144
E-MAIL: ERIK.BRATTLUND@DOT.WI.GOV

DESIGN CONTACTS

RICH GLEN
1077 CENTENNIAL CENTRE BLVD
HOBART, WI 54155
PHONE: (920) 468-4771
MOBILE: (920) 606-6288
EMAIL: RICHG@JT-ENGINEERING.COM

ORDER OF DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
PLAN DETAILS
EROSION CONTROL PLAN
PERMANENT SIGNING
PAVEMENT MARKING
DETOUR PLAN
ALIGNMENT DIAGRAM

RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = 42.22 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 7.19 ACRES

STANDARD ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC
AC	ASPHALT CEMENT
AGG	AGGREGATE
ASPH	ASPHALT
BM	BENCHMARK
C/L	CENTERLINE
CONC	CONCRETE
CMP	CORRUGATED METAL PIPE
CR	CREEK
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
ESALS	EQUIVALENT SINGLE AXIS LOADS
EXIST	EXISTING
FE	FIELD ENTRANCE
HYD	HYDRANT
IP	IRON PIPE
L	LENGTH OF CURVE
LC	LONG CHORD OF CURVE
LR	LENGTH OF RUN OFF
MH	MANHOLE
NC	NORMAL CROWN
PT	POINT OF TANGENT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PE	PRIVATE ENTRANCE
R	RADIUS
REM	REMOVE
R/L OR RL	REFERENCE LINE
RCCP	REINFORCED CONCRETE CULVERT PIPE
RCPSS	REINFORCED CONCRETE STORM SEWER
RO	RUNOUT
R/W	RIGHT OF WAY
STA	STATION
SE	SUPER ELEVATION
SS	STORM SEWER
T	TANGENT
TEL	TELEPHONE
TLE	TEMPORARY LIMITED EASEMENT
T	TRUCKS
VC	VERTICAL CURVE
W	WELL

2

2

N

WIND DANCER ROAD

CAMBER LANE

NORTH BRANCH SUAMICO RIVER

SOUTH CHASE ROAD

POTTS LANE

REGAL LANE

CTH S

END PROJECT
STA 265+28.00

SAINDON ROAD

EXCEPTION TO NET CENTERLINE
STRUCTURE B-41-523
STA 212+12.45 - 212+61.41

FRAGER LANE

LITTLE SUAMICO RIVER

WILD ROSE

LONE PINE DRIVE

HILLBERT ROAD

SUNNYSIDE VIEW

HIGHLAND MEADOW TRAIL

CIRCLE HILL LANE

HILLVIEW DRIVE

ZAWALICK LANE

JENNIFER LANE

NICOLE LANE

NORTH BROWN COUNTY LINE ROAD

BEGIN PROJECT
STA 102-49.27

CTH C

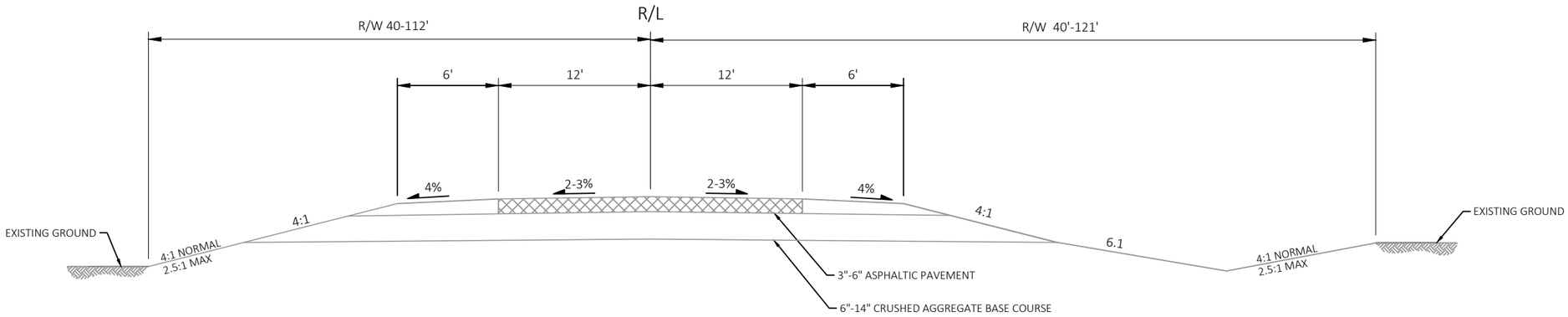
BREEZE LANE

HARVEST VALLEY LANE

SUNSET CIRCLE

110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

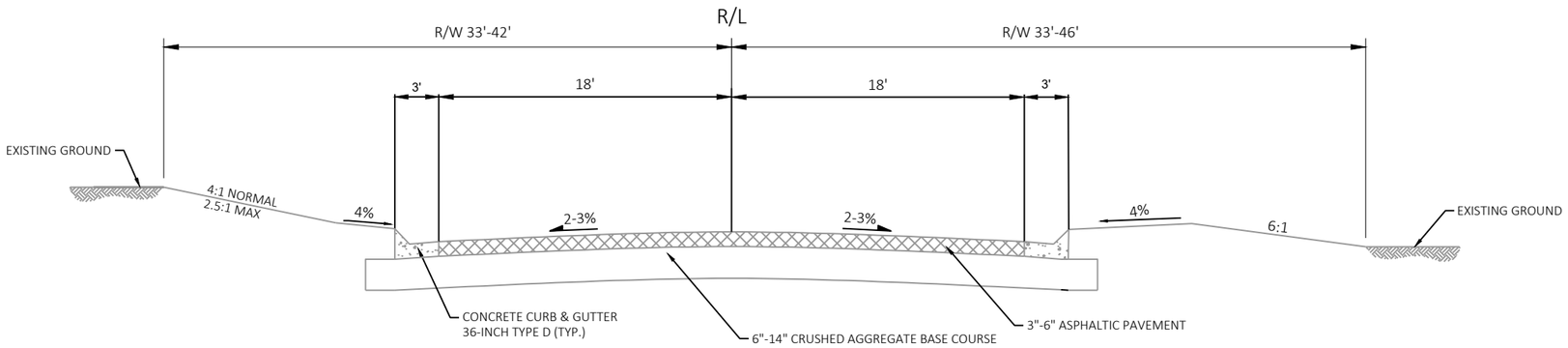
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PROJECT OVERVIEW	SHEET 3	E



EXISTING TYPICAL SECTION

CTH C

STA 102+49.27 - STA 158+86.56 LT	STA 102+49.27 - STA 153+27.15 RT
STA 160+34.09 - STA 212+12.84 LT	STA 160+75.75 - STA 212+12.84 RT
STA 212+61.40 - STA 226+38.05 LT	STA 212+61.40 - STA 226+35.64 RT
STA 228+24.50 - STA 261+88.39 LT	STA 228+34.33 - STA 258+34.95 RT
STA 264+43.98 - STA 265+28.00 LT	STA 264+61.92 - STA 265+28.00 RT



EXISTING TYPICAL SECTION

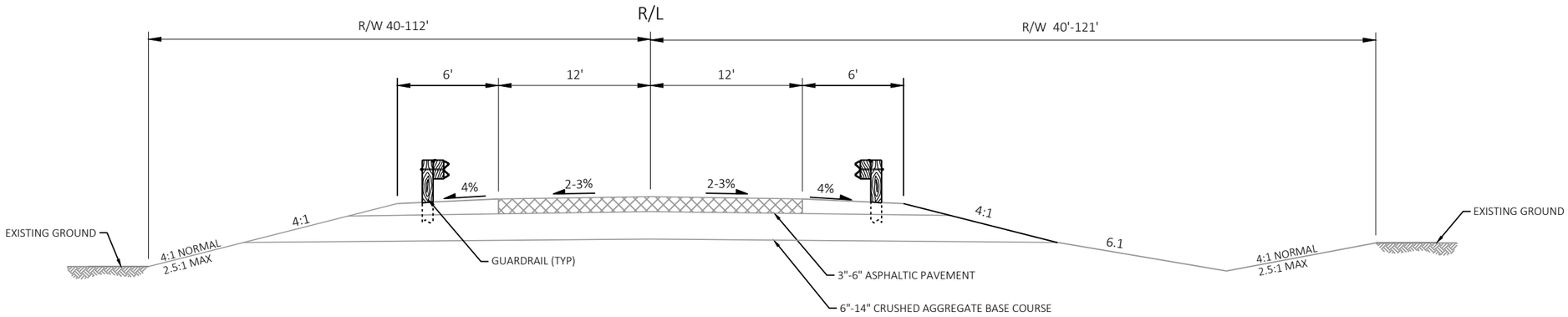
CTH C

STA 158+86.56 - STA 160+34.09 LT	STA 153+27.15 - STA 160+75.75 RT
STA 226+38.05 - STA 228+24.50 LT	STA 226+36.54 - STA 228+34.33 RT
STA 261+88.39 - STA 264+43.98 LT	STA 258+34.95 - STA 264+61.92 RT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	TYPICAL SECTIONS	SHEET 4	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 01-10ft

PLOT DATE : 7/11/2025 9:56 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT

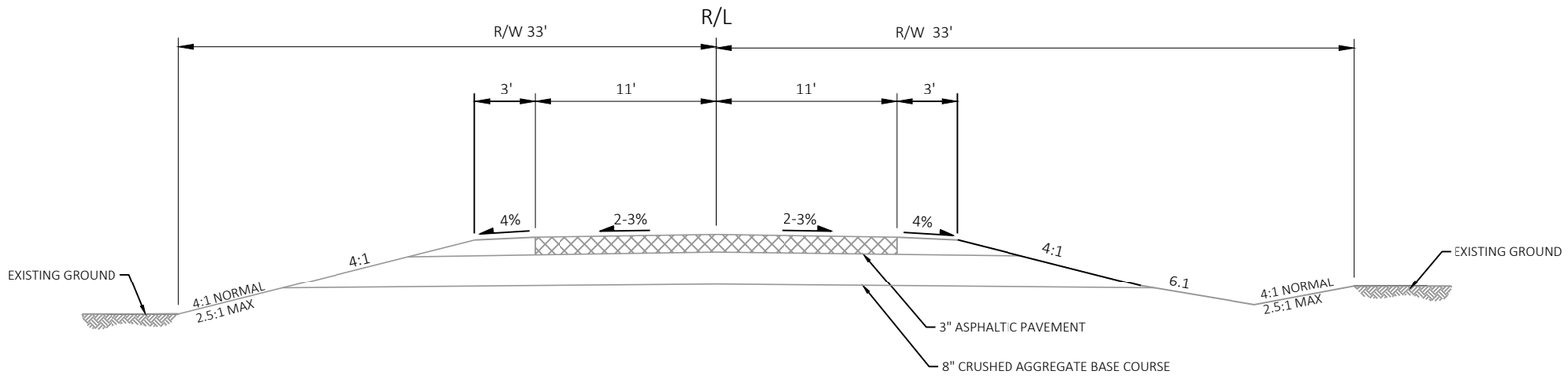


EXISTING TYPICAL SECTION

CTH C

STA 211+47 - STA 212+15 LT
STA 212+65 - STA 213+32 LT
STA 221+51 - STA 223+80 LT

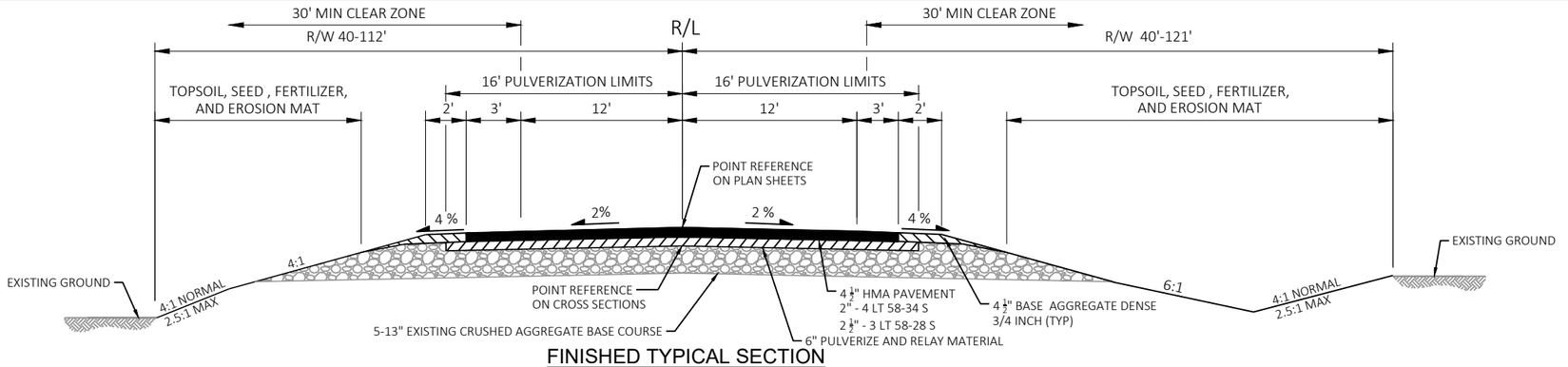
STA 211+42 - STA 212+09 RT
STA 212+59 - STA 213+26 RT



EXISTING TYPICAL SECTION

N BROWN COUNTY LINE ROAD
HAREST VALLEY LANE
SUNSET CIRCLE (SOUTH)
SUNSET CIRCLE (NORTH)
BREEZE LANE
HILBERT ROAD
POTTS LANE / FAGER LANE
REGAL LANE / FAGER LANE
SANDON ROAD

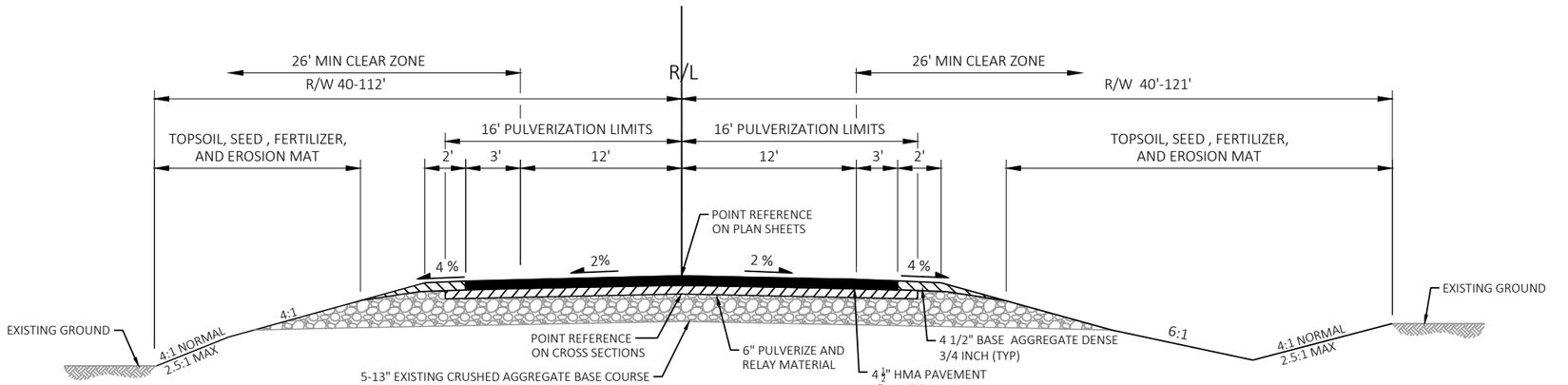
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	TYPICAL SECTIONS	SHEET 5	E



FINISHED TYPICAL SECTION

CTH C

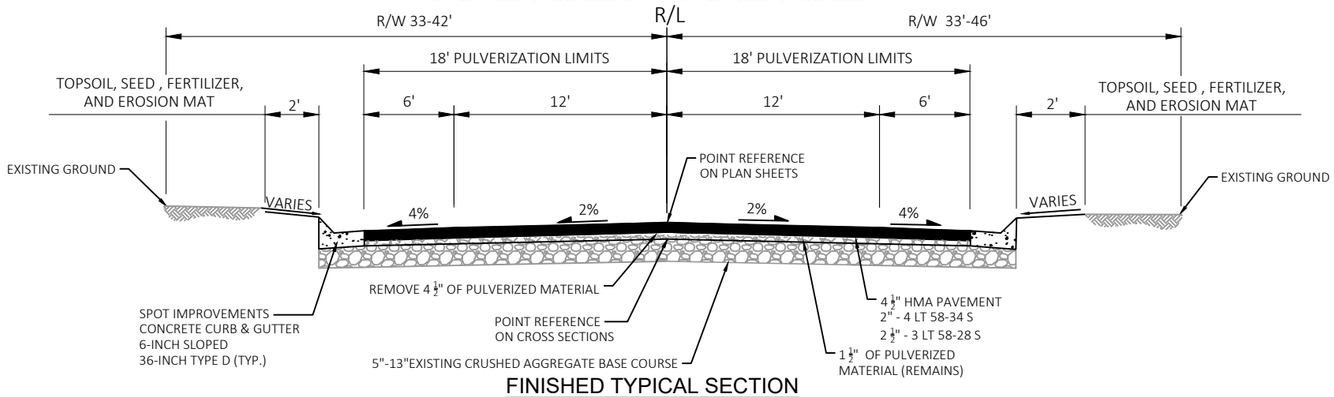
STA 102+49.27 - STA 151+40 LT STA 102+49.27 - STA 151+45 RT



FINISHED TYPICAL SECTION

CTH C

STA 151+40 - STA 158+86.56 LT	STA 151+45 - STA 153+27.15 RT
STA 160+34.09 - STA 212+12.84 LT	STA 160+75.75 - STA 212+12.84 RT
STA 212+61.40 - STA 226+38.05 LT	STA 212+61.40 - STA 226+35.64 RT
STA 228+24.50 - STA 261+88.39 LT	STA 228+34.33 - STA 258+34.95 RT
STA 264+43.98 - STA 265+28.00 LT	STA 264+61.92 - STA 265+28.00 RT



FINISHED TYPICAL SECTION

CTH C

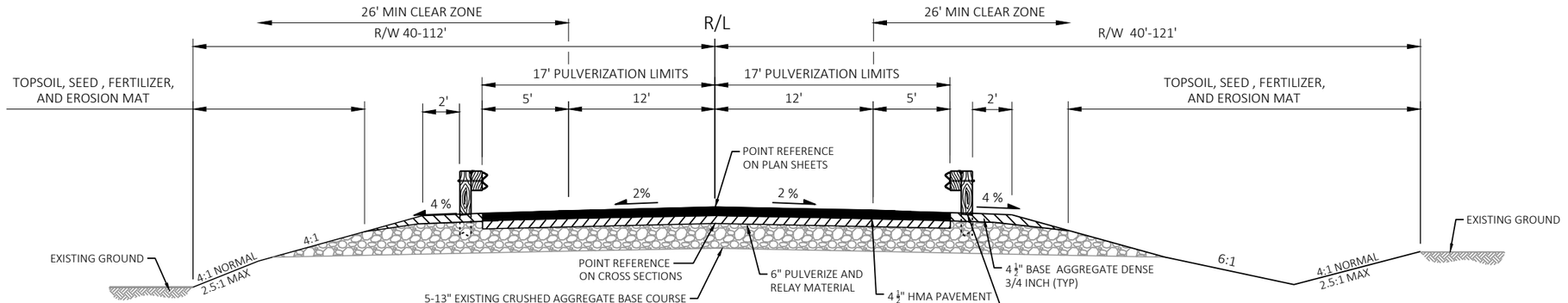
STA 158+86.56 - STA 160+34.09 LT	STA 153+27.15 - STA 160+75.75 RT
STA 226+38.05 - STA 228+24.50 LT	STA 226+36.54 - STA 228+34.33 RT
STA 261+88.39 - STA 264+43.98 LT	STA 258+34.95 - STA 264+61.92 RT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	TYPICAL SECTIONS	SHEET 6	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 02-10ft

PLOT DATE : 7/11/2025 9:56 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

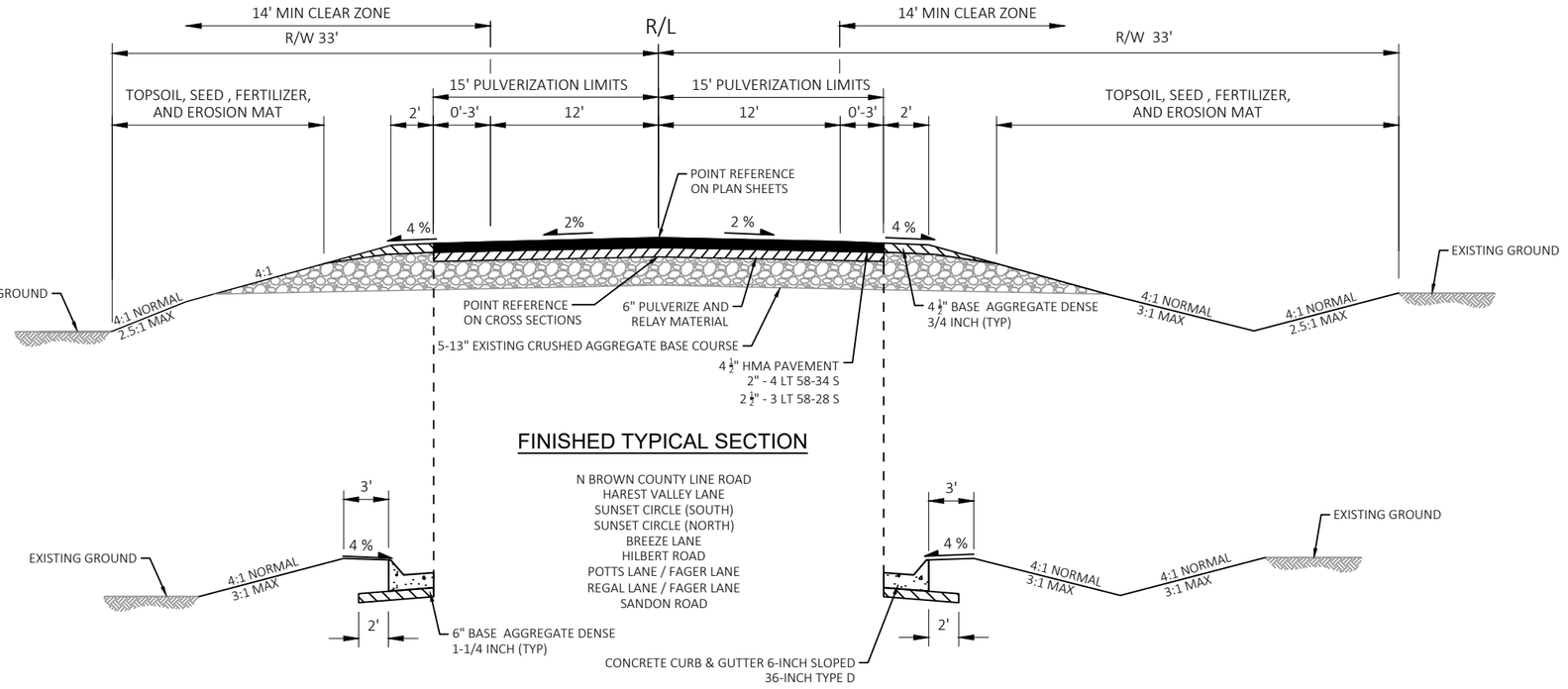


FINISHED TYPICAL SECTION

CTH C

STA 211+22.81 - STA 212+15.30 LT
STA 212+63.74 - STA 213+93.73 LT
STA 223+37.95 - STA 219+97.19 LT

STA 211+42.46 - STA 212+10.22 RT
STA 212+58.90 - STA 213+51.39 RT



FINISHED TYPICAL SECTION

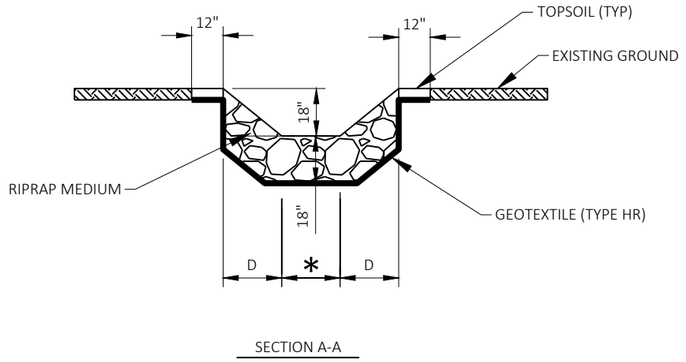
N BROWN COUNTY LINE ROAD
HAREST VALLEY LANE
SUNSET CIRCLE (SOUTH)
SUNSET CIRCLE (NORTH)
BREEZE LANE
HILBERT ROAD
POTTS LANE / FAGER LANE
REGAL LANE / FAGER LANE
SANDON ROAD

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	TYPICAL SECTIONS	SHEET 7	E

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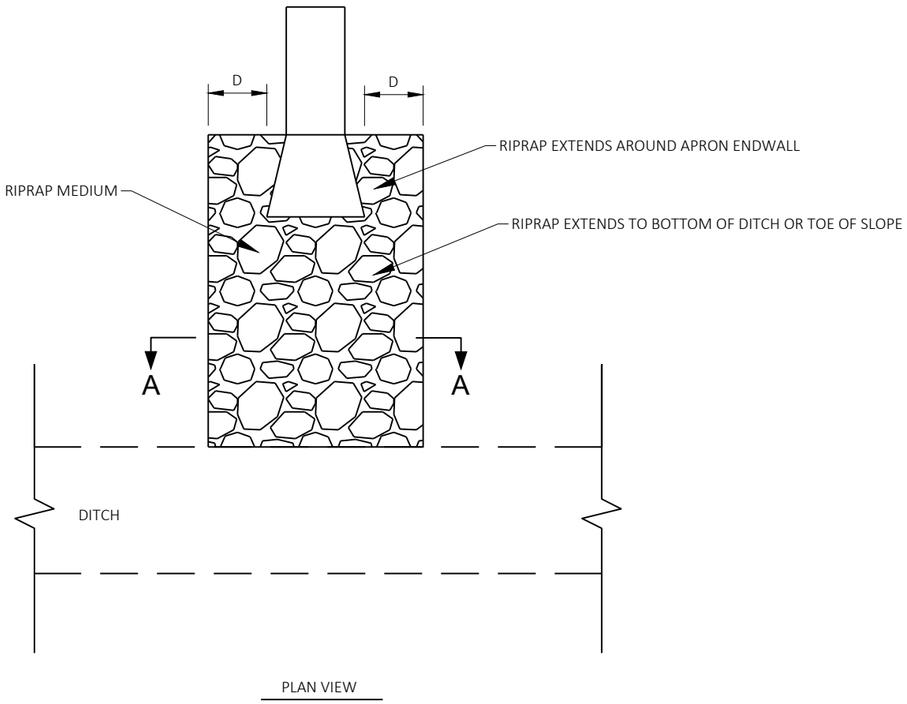
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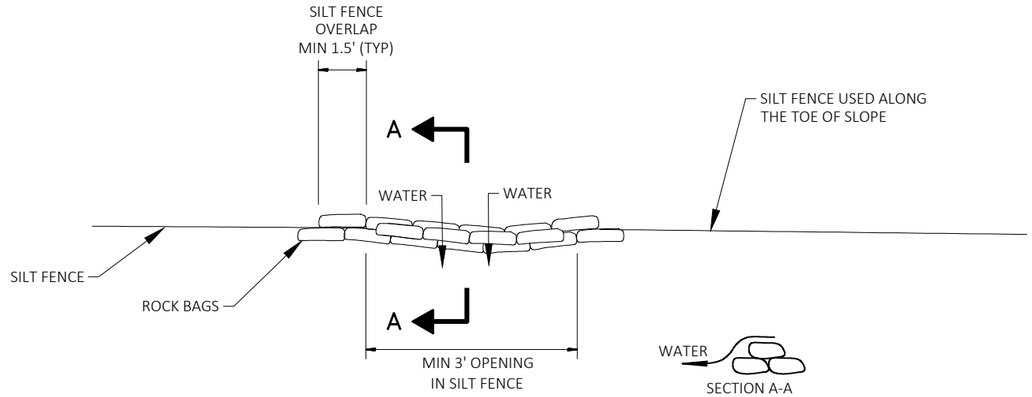
SECTION A-A

* APRON ENDWALL WIDTH
D = PIPE DIAMETER



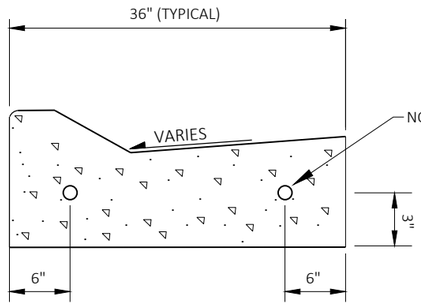
PLAN VIEW

RIPRAP TREATMENT AT STORM SEWER OUTFALLS



TOP VIEW

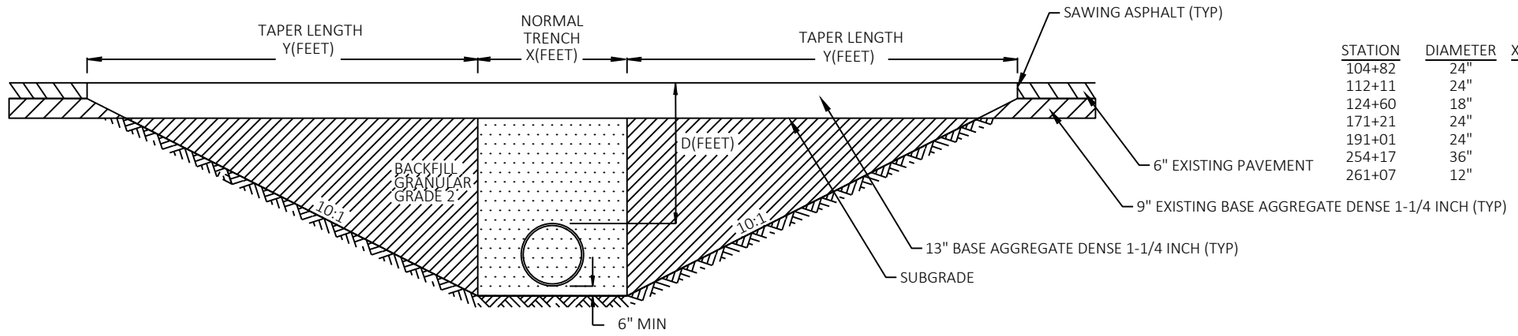
DETAIL FOR ROCK BAGS USED AS SILT FENCE RELIEF



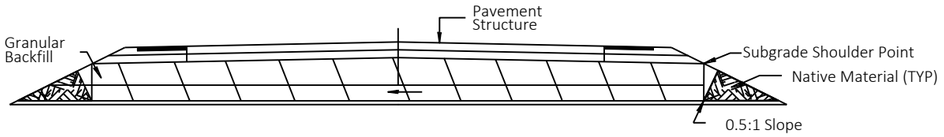
NOTE:
MAXIMUM DRILL HOLE $\frac{1}{8}$" GREATER THAN TIE BAR DIAMETER

12" EMBEDMENT IS ANTICIPATED

DRILL TIE BAR PLACEMENT



STATION	DIAMETER	X(FT) MIN.	D(FT)	Y(FT)
104+82	24"	4.00'	1.61'	41.1'
112+11	24"	4.00'	3.16'	56.6'
124+60	18"	3.50'	2.28'	42.8'
171+21	24"	4.00'	3.06'	55.6'
191+01	24"	4.00'	2.41'	49.1'
254+17	36"	5.00'	2.01'	55.1'
261+07	12"	3.00'	1.71'	32.1'



CROSS DRAIN INSTALLATION DETAIL
FOR D ≤ 5'

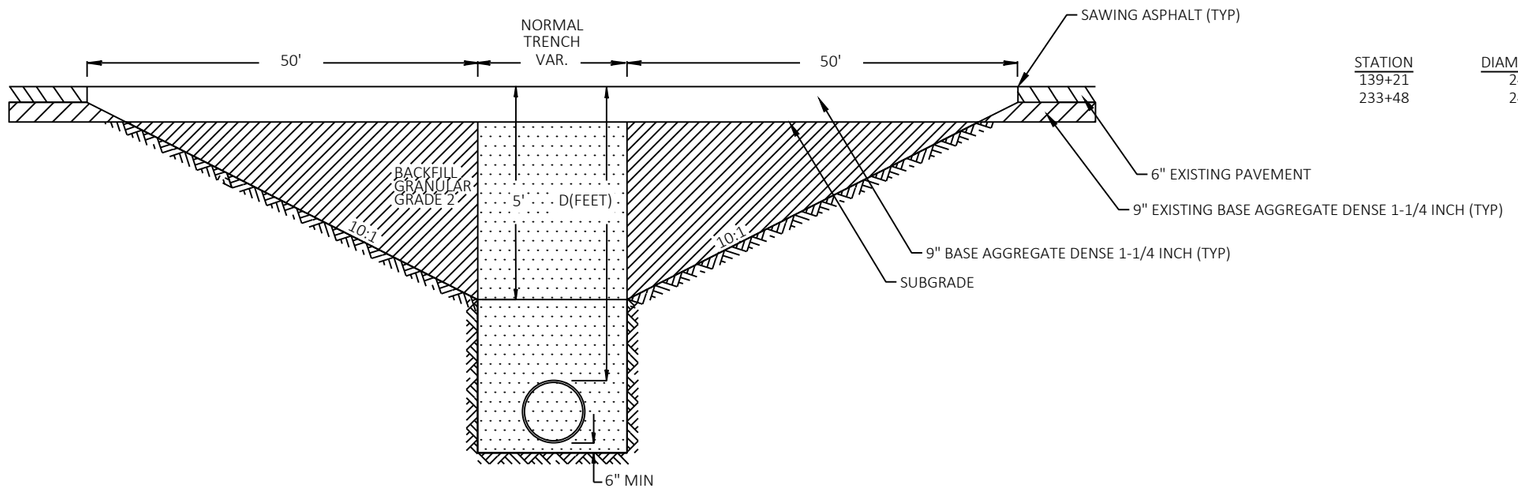
* PAVEMENT REMOVAL LIMITS (TYPICAL)

LEGEND

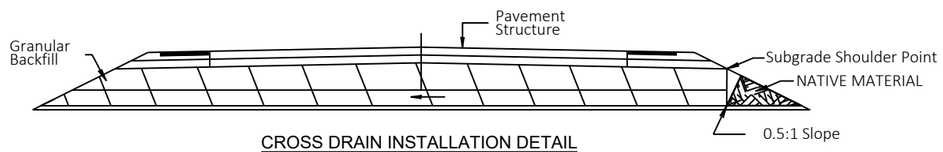
COMMON EXCAVATION & BACKFILL GRANULAR GRADE 2 PAID SEPARATELY

EXCAVATION & BACKFILL GRANULAR GRADE 2 INCIDENTAL TO REMOVING SMALL PIPE CULVERT

NOTE:
PULVERIZATION TO BE PERFORMED AFTER THE CULVERT IS INSTALLED



STATION	DIAMETER	D(FT)
139+21	24"	5.23'
233+48	24"	5.21'

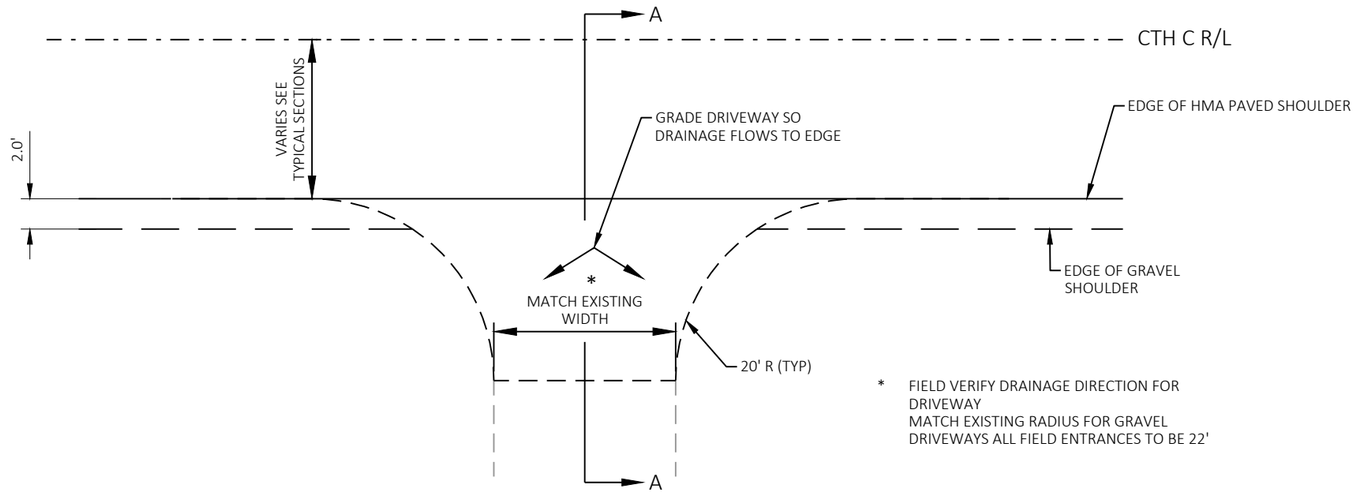


CROSS DRAIN INSTALLATION DETAIL
FOR D ≥ 5'

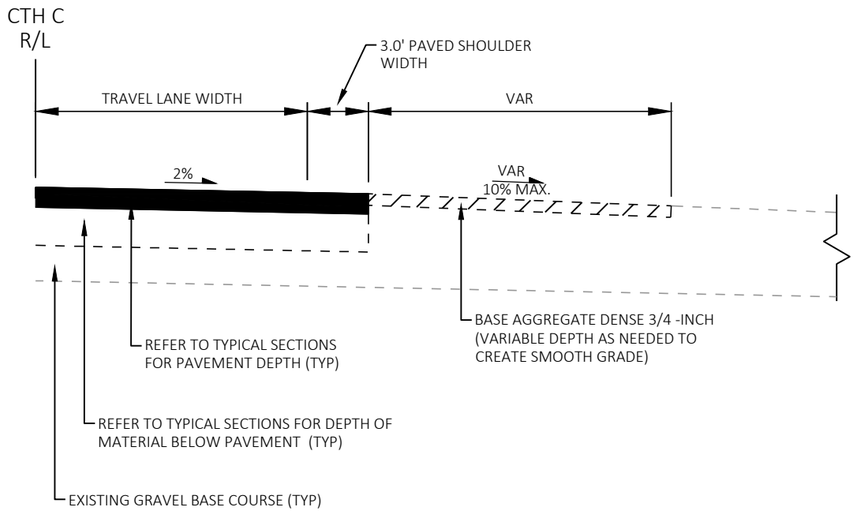
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CONSTRUCTION DETAILS	SHEET 9	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 02
PLOT DATE : 10/21/2025 9:00 AM PLOT BY : JEFF ZLATOHLAVEK PLOT NAME : PLOT SCALE : 1:10
WISDOT/CADDS SHEET 42

2



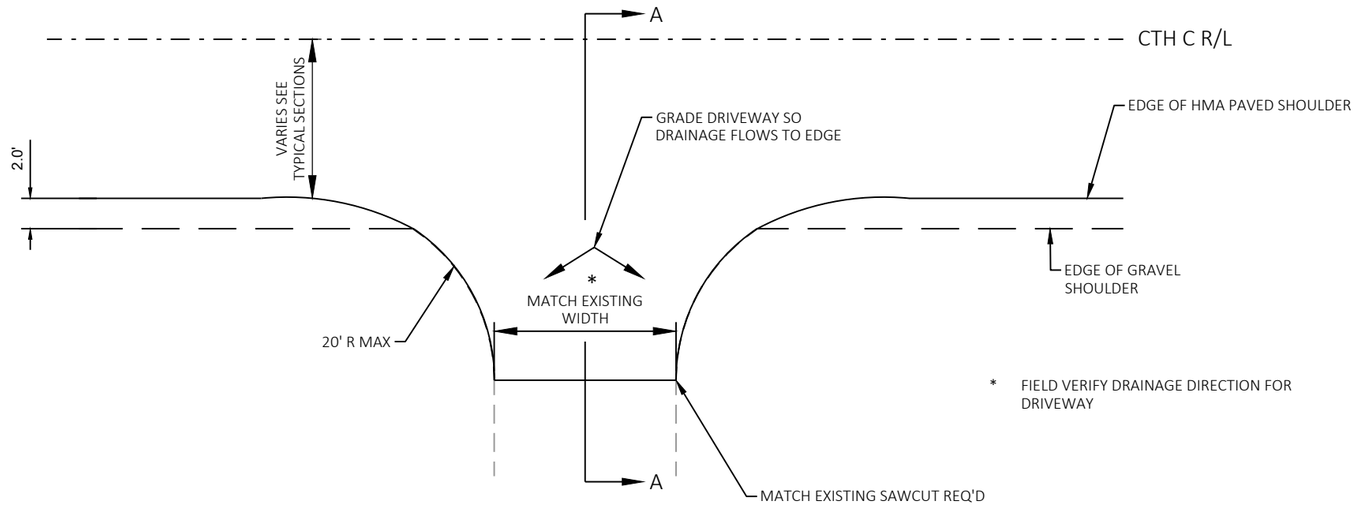
DRIVEWAY



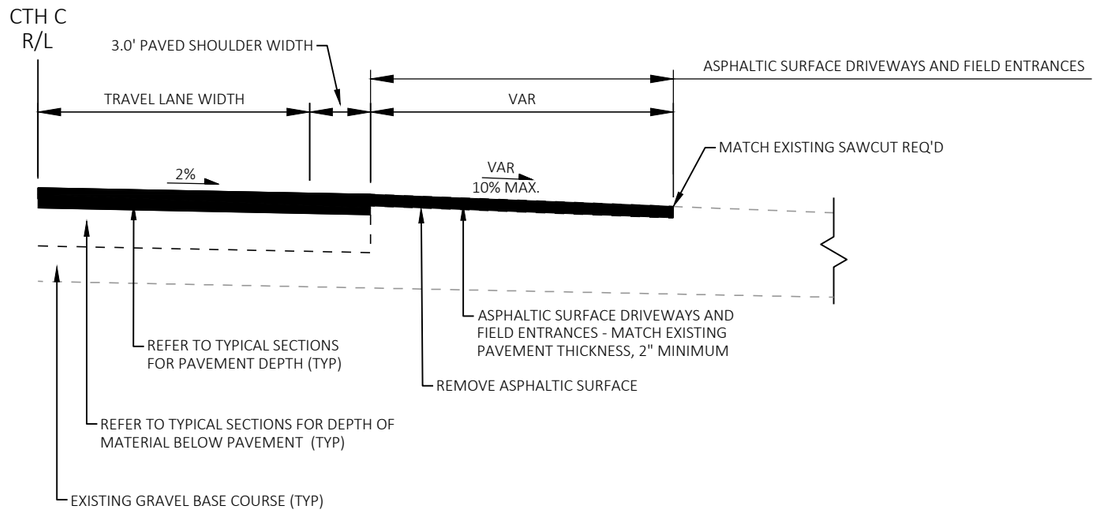
SECTIONS A-A DRIVEWAY PAVING - GRAVEL DRIVEWAY

(SEE PLANS FOR DRIVEWAY LOCATIONS)

2

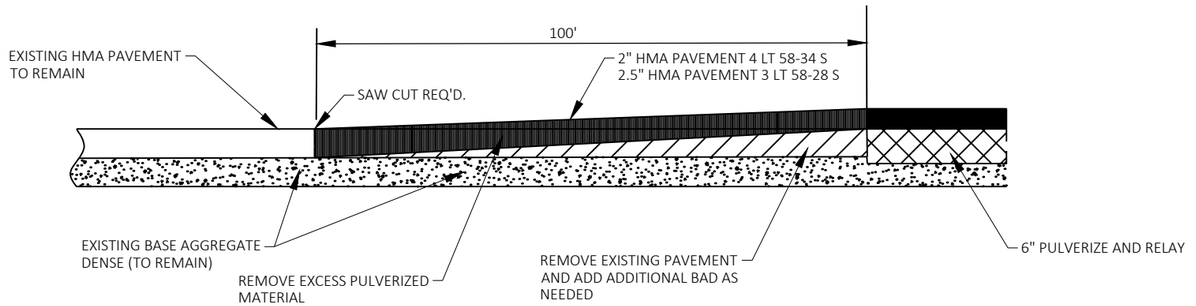


DRIVEWAY



SECTIONS A-A DRIVEWAY PAVING - ASPHALT DRIVEWAY

2

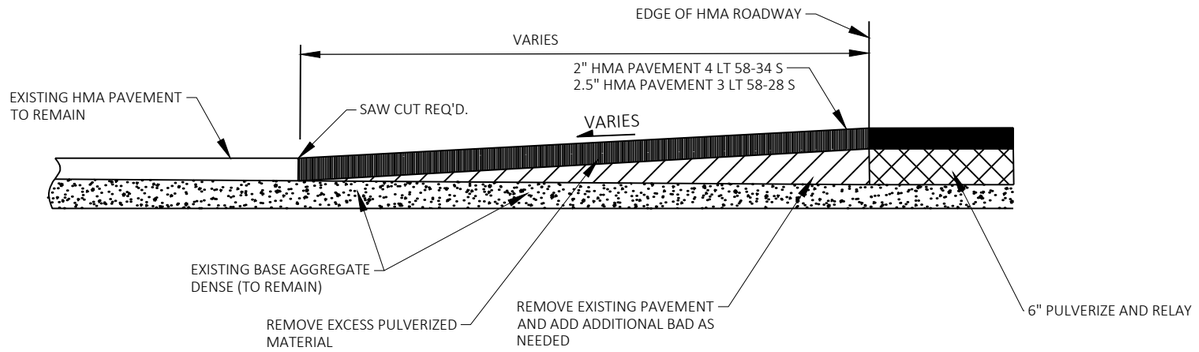


ROADWAY JOINT TRANSITION

CTH C

102+49.27

265+28.00



SIDEROAD HMA PAVEMENT DETAIL

N BROWN COUNTY LINE RD
HARVEST VALLEY LN
SUNSET CIR
BREEZE LN
S CHASE RD
HILBERT RD
POTTS LN
FAGER LN
SAINDON RD
CTH S

2

N

WETLANDS

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

+52.38
-15.00' LT

+39.37
15.00' RT

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

764.64

+89.35
17.00' RT
EL 763.59

SI

EXISTING R/W

3

+02.41
-17.00' LT
EL 763.85

105+00

764.14

R60'

SI

2

R40'

+87.75
-18.82' LT
EL 763.52

763.64

+63.11
-15.00' LT
EL 763.40

763.14

+41.84
-20.51' LT
EL 762.01

762.96

763.99

101+00

N BROWN COUNTY LINE RD

+55.53
-23.58' LT
EL 761.69

EXISTING R/W

END CONSTRUCTION
STA 98+56.57
MATCH EXISTING
SAW CUT REQ'D

+23.62
-15.00' LT
EL 760.60

100+00

762.72

762.47

+71.65
15.00' RT
EL 763.78

99+00

760.40

760.94

761.56

762.17

762.64

+41.39
22.62' RT
EL 761.86

N BROWN COUNTY LINE RD

+02.93
30.66' LT
EL 761.90

+40.79
15.00' RT
EL 761.02

104+00

762.14

END CONSTRUCTION
STA 101+34.76
MATCH EXISTING
SAW CUT REQ'D

EXISTING R/W

+85.28
22.31' RT
EL 761.47

SI

R40'

R60'

761.64

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

STA. 104+29.08 CTH C =
STA. 100+00.00 N BROWN COUNTY LINE RD

+60.61
17.00' RT
EL 761.01

EXISTING R/W

4

+72.75
-17.00' LT
EL 761.25

761.14

1

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

+22.80
-15.00' LT

PLE

+10.61
16.50' RT

ASPHALTIC FLUME
(TYP)

103+00

CTH C

SI

GUY

WETLANDS

XXXXXXXXXXX

BEGIN CONSTRUCTION
STA 102+49.27
MATCH EXISTING
SAW CUT REQ'D

	CTH C		N BROWN CTY LINE RD	
1	103+60.61	77.00' RT	100+70.65	75.00' RT
2	103+60.61	57.00' RT	100+62.10	55.00' LT
3	105+02.41	77.00' LT	99+24.62	75.00' LT
4	103+72.82	57.00' LT	99+41.79	55.00' RT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -N BROWN COUNTY LINE RD	SHEET 13	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - N BROWN COUNTY LINE RD
PLOT DATE : 7/8/2025 9:37 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

	CTH C		HARVEST VALLEY LN	
1	113+78.01	77.00' RT	200+67.75	75.00' RT
2	115+06.49	57.00' RT	200+64.77	55.00' LT

116+00

115+00

114+00

113+00

CTH C

+56.63
15.00' RT

SI

772.98
+06.63
17.00' RT
EL 772.67

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

2

END CONSTRUCTION
STA 201+12.31
MATCH EXISTING
SAW CUT REQ'D

EXISTING R/W

SI

R40'

R/W

773.02
+98.79
17.75' RT
EL 772.66

773.06
+76.12
30.97' RT
EL 772.44

+65.78
-15.00' LT
EL 772.15

201+00

HARVEST VALLEY LN

772.39

772.55

773.10

772.72

773.11

+17.98
32.26' RT
EL 772.53

+68.76
15.00' RT
EL 772.13

POST

773.14

STA. 114+43.48 CTH C =
STA. 200+00.00 HARVEST VALLEY LANE

EXISTING R/W

773.18

R/W

R60'

1

ASPHALTIC FLUME
(TYP)

+87.75
17.80' RT
EL 772.85

773.22

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

+78.14
17.00' RT
EL 772.87

SI

+28.14
15.00' RT

SEPTIC

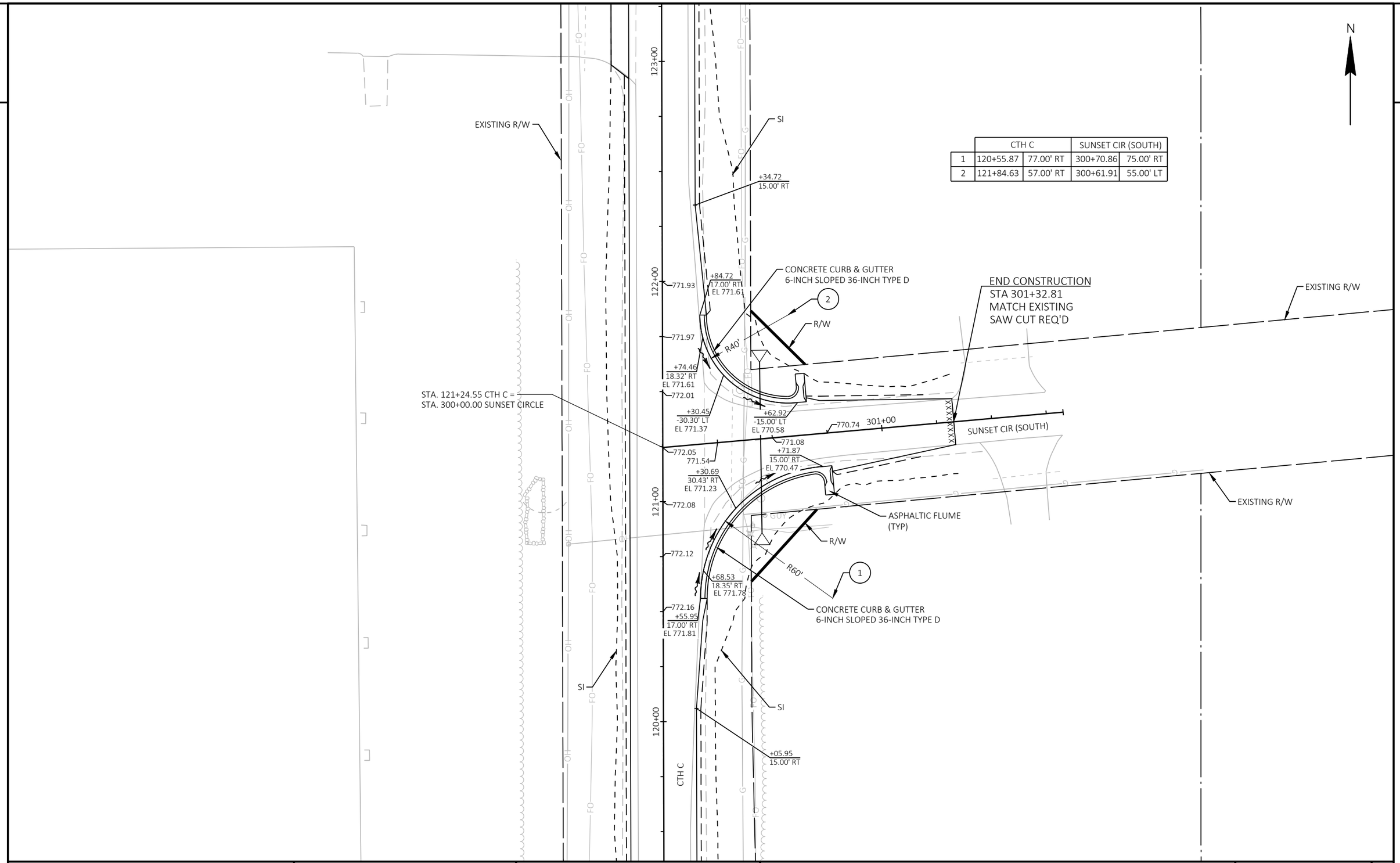
EXISTING R/W

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -HARVEST VALLEY LN	SHEET 14	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - HARVEST VALLEY LN

PLOT DATE : 7/8/2025 8:51 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



	CTH C		SUNSET CIR (SOUTH)	
1	120+55.87	77.00' RT	300+70.86	75.00' RT
2	121+84.63	57.00' RT	300+61.91	55.00' LT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -SUNSET CIR (SOUTH)	SHEET 15	E

2

N

	CTH C		SUNSET CIR (NORTH)	
1	127+70.76	77.00' RT	400+70.31	75.00' RT
2	128+99.46	57.00' RT	400+62.40	55.00' LT

EXISTING R/W

130+00

CTH C

+49.56
15.00' RT

SI

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

772.44

+78.52
22.92' RT
EL 771.88

2

129+00

+99.55
17.00' RT
EL 772.10

R/W

R40'

END CONSTRUCTION
STA 401+15.3
MATCH EXISTING
SAW CUT REQ'D

EXISTING R/W

772.37

STA. 128+38.88 CTH C =
STA. 400+00.00 SUNSET CIRCLE

+69.58
30.41' RT
EL 771.52

+63.40
-15.00' LT
EL 770.07

772.30

770.00

401+00

SUNSET CIR (NORTH)

772.27

771.67

770.83

+71.32
15.00' RT
EL 769.82

772.23

+07.67
29.69' RT
EL 771.65

EXISTING R/W

128+00

772.17

ASPHALTIC FLUME
(TYP)

R/W

R60'

772.11

+70.86
17.00' RT
EL 771.76

1

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

772.05

SI

SI

127+00

+20.86
15.00' RT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -SUNSET CIR (NORTH)	SHEET 16	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - SUNSET CIR (NORTH)

PLOT DATE : 7/8/2025 8:55 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

	CTH C		BREEZE LN	
1	140+00.65	77.00' RT	500+72.08	75.00' RT
2	141+29.59	57.00' RT	500+60.87	55.00' LT

EXISTING R/W

SI

STA. 140+70.59 CTH C =
STA. 500+00.00 BREEZE LANE

142+00

141+00

140+00

139+00

CTH C

776.50

+79.66
15.00' RT

SI

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

+29.62
17.00' RT
EL 776.09

776.41

R40'

+12.40
20.88' RT
EL 775.99

776.33

+00.04
30.04' RT
EL 775.55

+61.87
-15.00' LT
EL 774.59

776.24

776.22

+39.73
31.47' RT
EL 775.53

776.15

776.07

775.98

+00.72
17.00' RT
EL 775.66

775.90

SI

+50.72
15.00' RT

END CONSTRUCTION
STA 501+27.12
MATCH EXISTING
SAW CUT REQ'D

R/W

774.61

501+00

774.06

BREEZE LN

775.71

775.16

+73.08
15.00' RT
EL 774.35

R60'

R/W

ASPHALTIC FLUME
(TYP)

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

EXISTING R/W

EXISTING R/W

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -BREEZE LN	SHEET 17 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - BREEZE LN

PLOT DATE : 7/8/2025 9:39 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

EXISTING R/W

185+00

+91.79
15.00' RT

SI

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

+41.57
17.00' RT
EL 777.98

ASPHALTIC FLUME
(TYP)

778.24

END CONSTRUCTION
STA 700+96.31
MATCH EXISTING
SAW CUT REQ'D

EXISTING R/W

+28.07
19.32' RT
EL 777.97

778.36

R40'

2

STA. 183+81.11 CTH C =
STA. 700+00.00 HILBERT ROAD

+11.65
30.36' RT
EL 777.81

778.48

184+00

+63.21
-15.00' LT
EL 777.51

777.71

700+00

HILBERT RD

778.57

778.15

777.93

778.60

+56.86
36.69' RT
EL 777.74

POST

+71.87
15.00' RT
EL 777.44

ASPH
PE

EXISTING R/W

778.72

+37.55
22.52' RT
EL 778.32

R60'

1

ϕ GUY

778.84

SI

SI

+12.51
17.00' RT
EL 778.56

183+00

778.96

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

+62.50
15.00' RT

CTH C

82+00

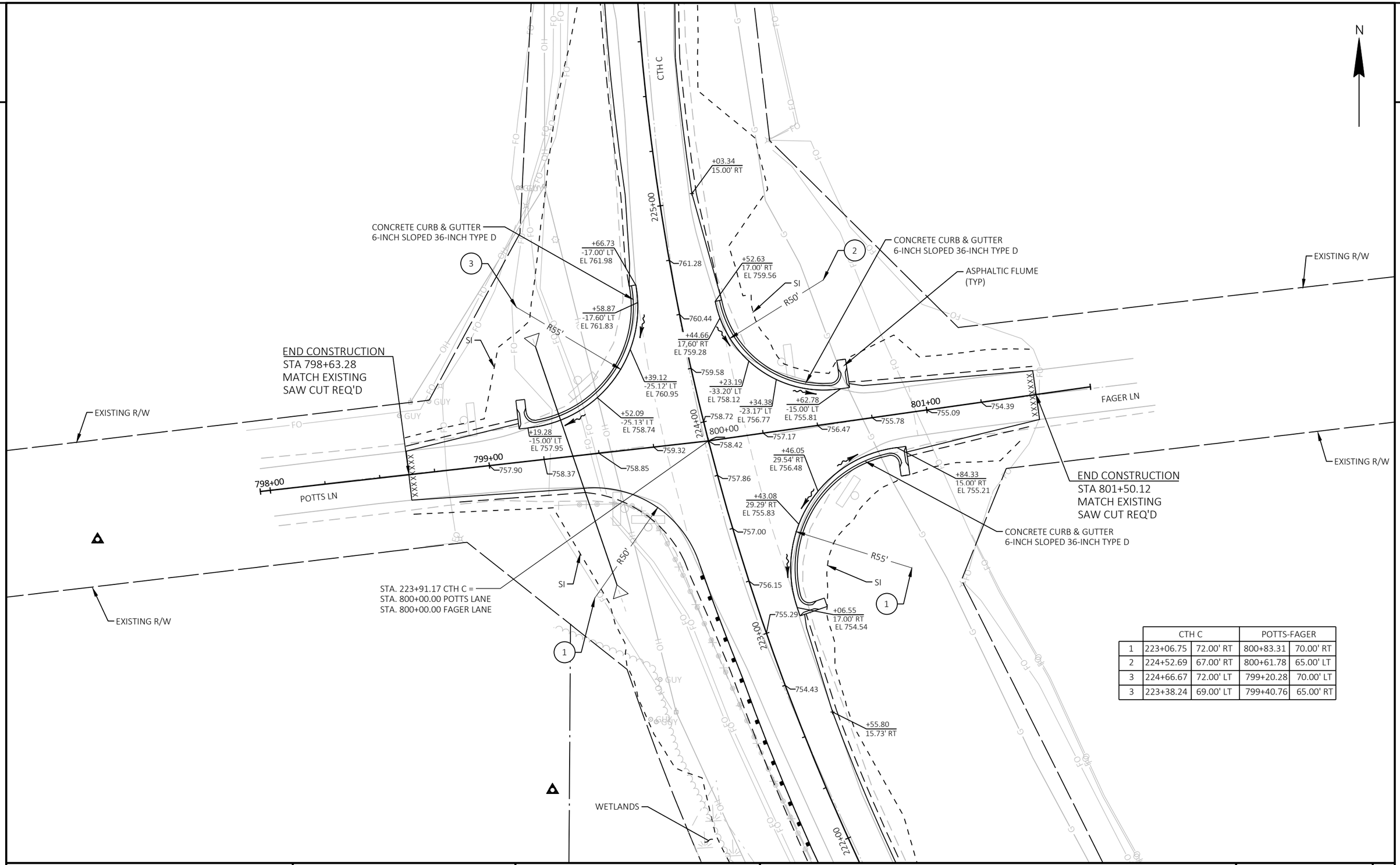
	CTH C		HILBERT RD	
1	183+12.42	77.00' RT	700+70.87	75.00' RT
2	184+41.49	57.00' RT	700+62.21	55.00' LT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -HILBERT RD	SHEET 18	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - HILBERT RD

PLOT DATE : 6/17/2025 1:26 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



	CTH C		POTTS-FAGER	
1	223+06.75	72.00' RT	800+83.31	70.00' RT
2	224+52.69	67.00' RT	800+61.78	65.00' LT
3	224+66.67	72.00' LT	799+20.28	70.00' LT
3	223+38.24	69.00' LT	799+40.76	65.00' RT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -POTTS & FAGER	SHEET 19	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - POTTS-FAGER
PLOT DATE : 7/8/2025 8:56 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

242+00
241+00
240+00
239+00
900+00
899+00
901+00

CTH C

REGAL LN

FAGER LN

EXISTING R/W

EXISTING R/W

EXISTING R/W

EXISTING R/W

END CONSTRUCTION
STA 901+21.88
MATCH EXISTING
SAW CUT REQ'D

END CONSTRUCTION
STA 898+78.12
MATCH EXISTING
SAW CUT REQ'D

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

CONCRETE CURB & GUTTER
6-INCH SLOPED 36-INCH TYPE D

ASPHALTIC FLUME
(TYP)

STA. 240+24.39 CTH C =
STA. 900+00.00 REGAL LANE
STA. 900+00.00 FAGER LANE

SIGN
SIGN
POST
POST

SI
SI
SI
SI

R60'
R50'
R40'
R55'

1
2
3
4

+47.18
-15.00' LT

+35.69
15.00' RT

+96.18
-17.00' LT
EL 778.95

+85.34
17.00' RT
EL 778.96

+54.20
-33.98' LT
EL 778.79

+64.31
-15.00' LT
EL 777.16

+55.61
26.94' RT
EL 778.89

+25.32
-15.00' LT
EL 778.58

+95.72
-29.81' LT
EL 778.71

+39.12
15.00' RT
EL 778.60

+83.86
28.08' RT
EL 778.70

+76.79
15.00' RT
EL 776.77

+50.68
17.00' RT
EL 778.79

+66.28
-17.00' LT
EL 778.84

+16.21
-15.00' LT

+00.69
15.00' RT

779.23
779.28
779.31
779.32
779.31
779.27
779.21
779.13
779.02

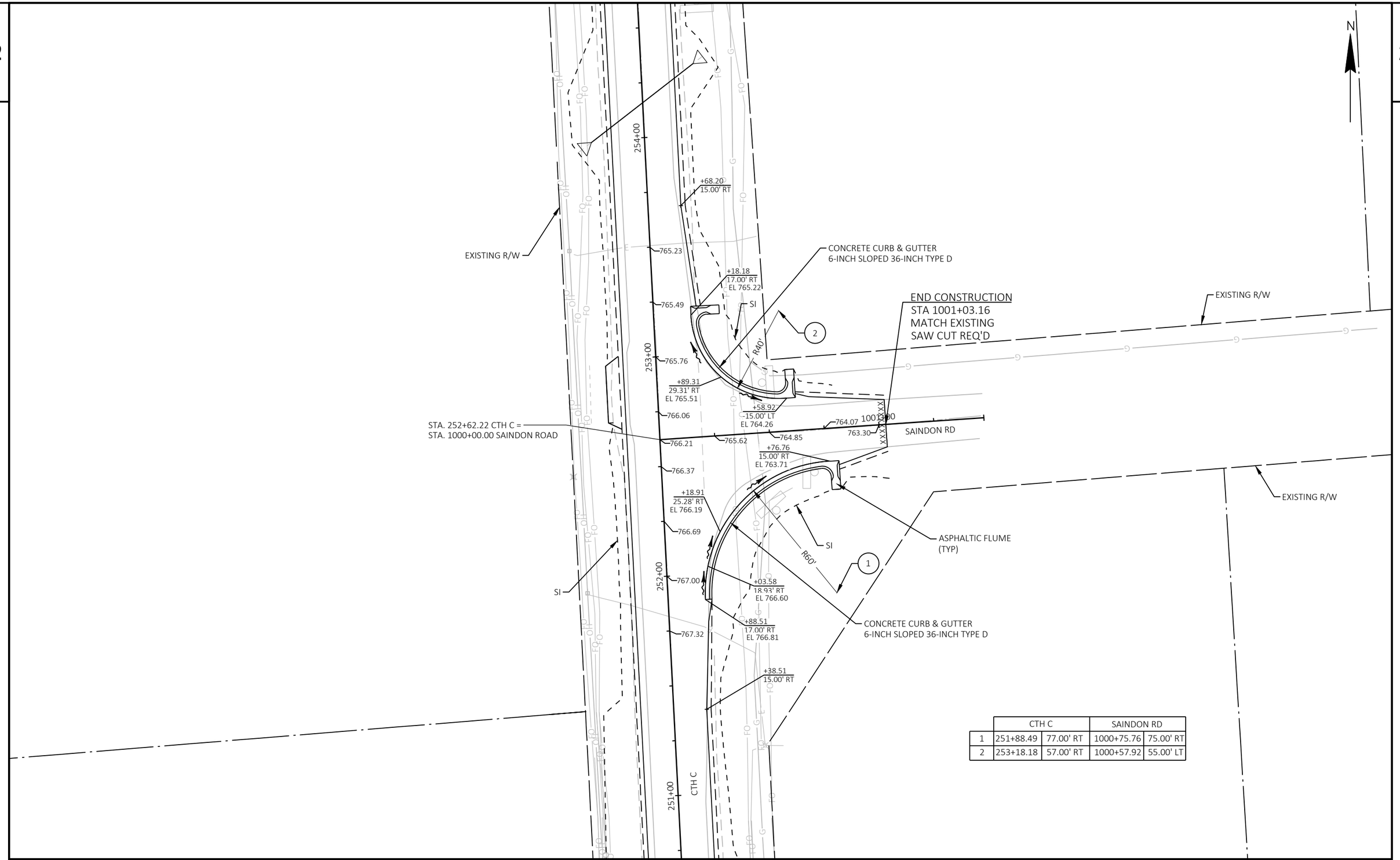
778.89
778.85
778.92
778.95
778.71
777.92
777.13
776.34

	CTH C		REGAL-FAGER	
1	239+50.73	72.00' RT	900+75.79	70.00' RT
2	240+85.40	67.00' RT	900+63.31	65.00' LT
3	240+96.23	77.00' LT	899+26.32	75.00' LT
4	239+66.28	57.00' LT	899+40.13	55.00' RT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -REGAL & FAGER	SHEET 20	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - REGAL-FAGER
PLOT DATE : 6/17/2025 1:27 PM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

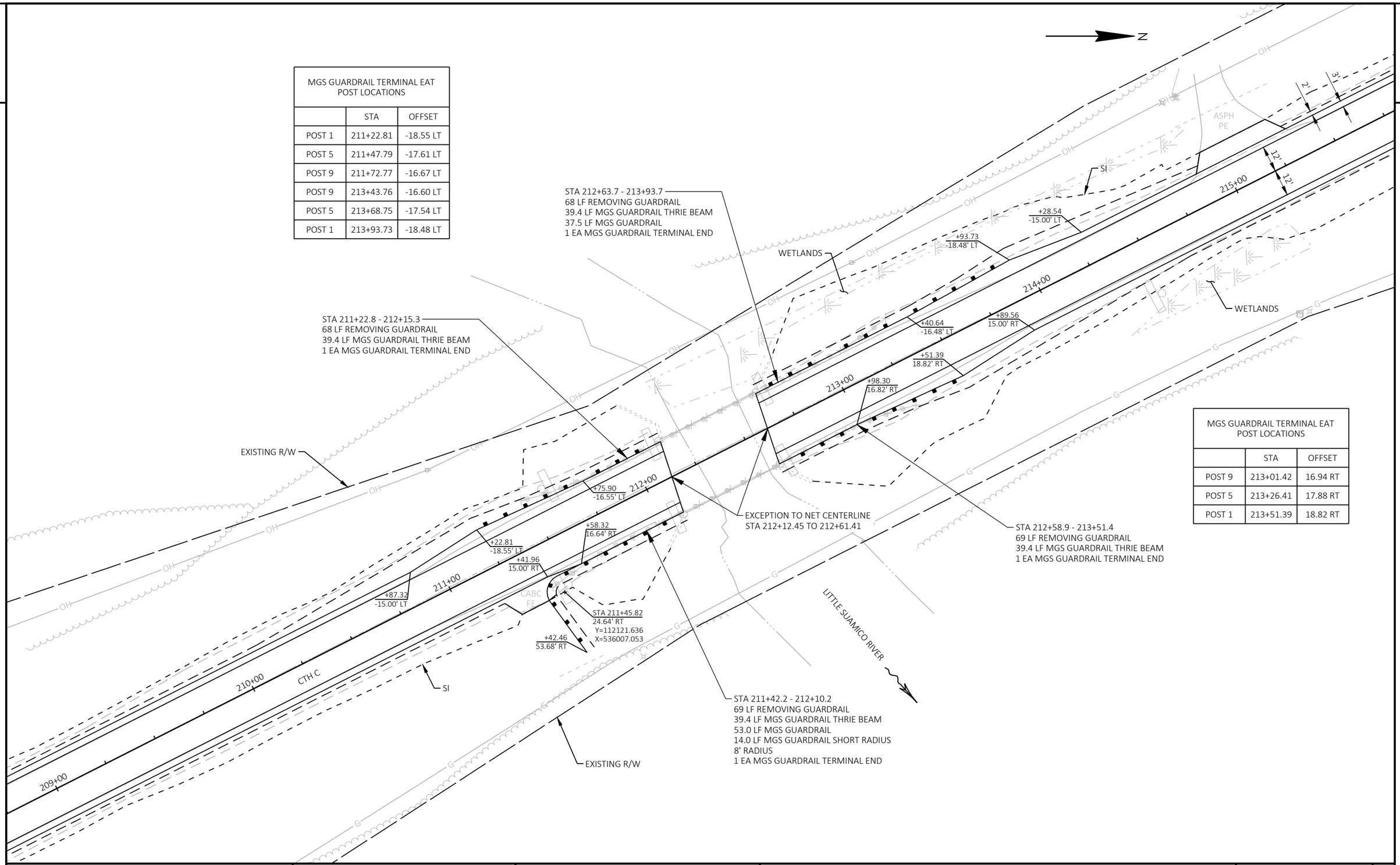
2



	CTH C		SAINDON RD	
1	251+88.49	77.00' RT	1000+75.76	75.00' RT
2	253+18.18	57.00' RT	1000+57.92	55.00' LT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	INTERSECTION DETAILS -SAINDON RD	SHEET 21 E

MGS GUARDRAIL TERMINAL EAT POST LOCATIONS		
	STA	OFFSET
POST 1	211+22.81	-18.55 LT
POST 5	211+47.79	-17.61 LT
POST 9	211+72.77	-16.67 LT
POST 9	213+43.76	-16.60 LT
POST 5	213+68.75	-17.54 LT
POST 1	213+93.73	-18.48 LT



MGS GUARDRAIL TERMINAL EAT POST LOCATIONS		
	STA	OFFSET
POST 9	213+01.42	16.94 RT
POST 5	213+26.41	17.88 RT
POST 1	213+51.39	18.82 RT

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	BEAM GUARD DETAILS	SHEET 22	E

2

N

MGS GUARDRAIL TERMINAL EAT POST LOCATIONS		
	STA	OFFSET
POST 1	219+97.19	-19.00 LT
POST 5	220+22.17	-18.06 LT
POST 9	220+47.15	-17.12 LT
POST 9	222+88.79	-17.12 LT
POST 5	223+13.39	-18.06 LT
POST 1	223+37.95	-19.00 LT

STA 220+00.0 - 223+40.5
262 LF REMOVING GUARDRAIL
237.5 LF MGS GUARDRAIL
2 EA MGS GUARDRAIL TERMINAL ENDS

EXISTING R/W

WETLANDS

SI

+57.19
-15.00' LT

+97.19
-19.00' LT

+50.28
-17.00' LT

+85.71
-17.00' LT

+37.95
-19.00' LT

CTH C

218+00

219+00

220+00

221+00

222+00

223+00

224+00

12'

12'

3'

2'

799+00

POTTS LANE

STA 800+00.00 POTTS LANE
STA 223+91.17 CTH C

801+00

FAGER LANE

XXXXXXXX

EP: 801+75.00

EXISTING R/W

OH

G

2

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	BEAM GUARD DETAILS	SHEET 23	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - Plan 1 IN 40 FT (2)

PLOT DATE : 7/8/2025 9:04 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

WETLANDS

BEGIN PROJECT
STA 102+49.27

SI

99+00

WETLANDS

MATCH LINE 106+50

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

CTH C

N BROWN COUNTY LINE RD

101+00

EXISTING R/W

STA. 104+29.08 CTH C =
STA. 100+00.00 N BROWN COUNTY LINE RD

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

SI

MATCH LINE 113+00

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

CTH C

MATCH LINE 106+50

EXISTING R/W

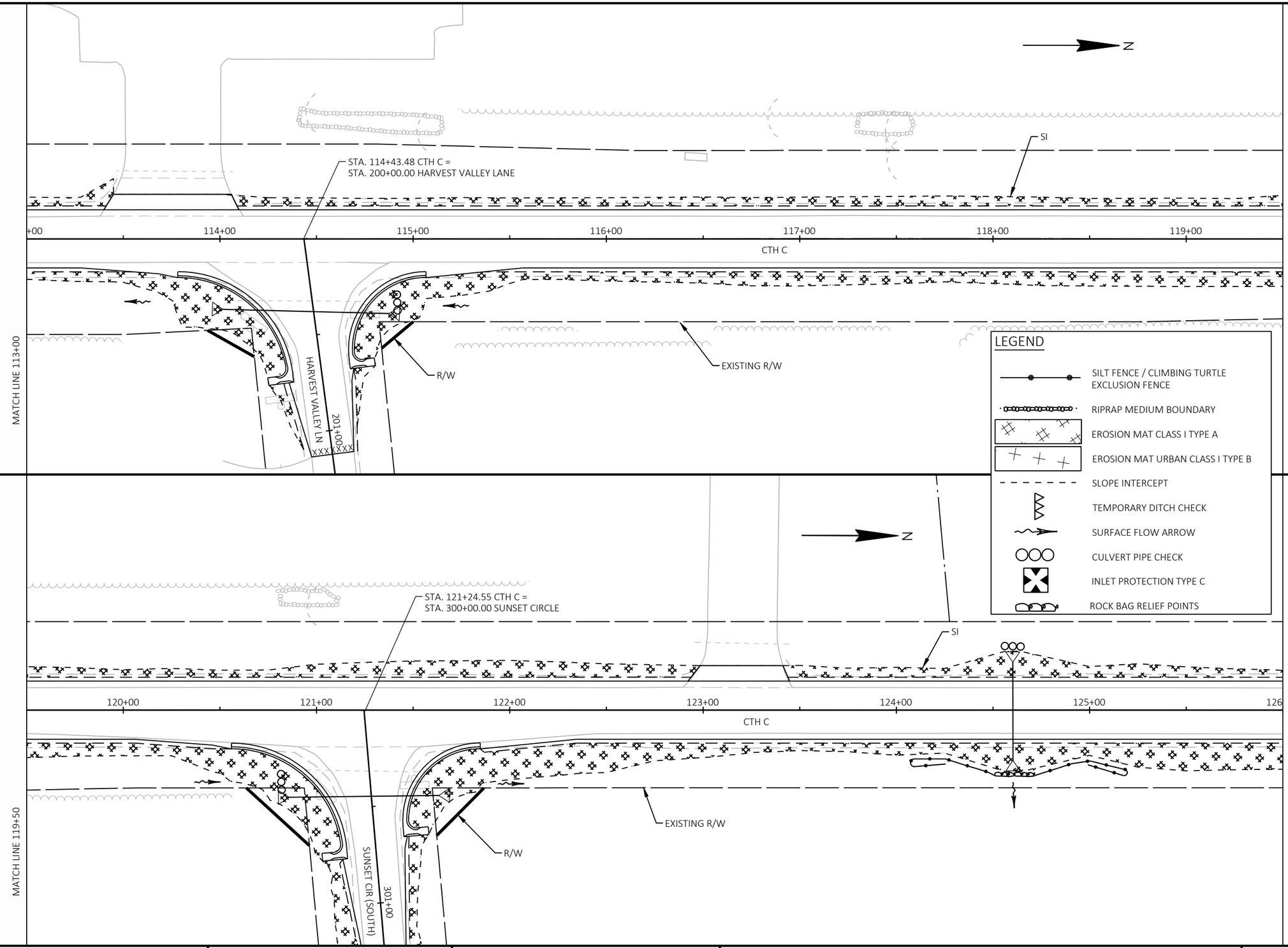
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 24	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 01

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2



2

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 25	E

2

2

N

STA. 128+38.88 CTH C =
STA. 400+00.00 SUNSET CIRCLE

MATCH LINE 132+50

+00 127+00 128+00 129+00 130+00 131+00 132+00

CTH C

SI

R/W

EXISTING R/W

SUNSET CIR (NORTH)

401+00

XXXXXX

MATCH LINE 126+00

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

N

MATCH LINE 139+00

SI

133+00 134+00 135+00 136+00 CTH C 137+00 138+00 139

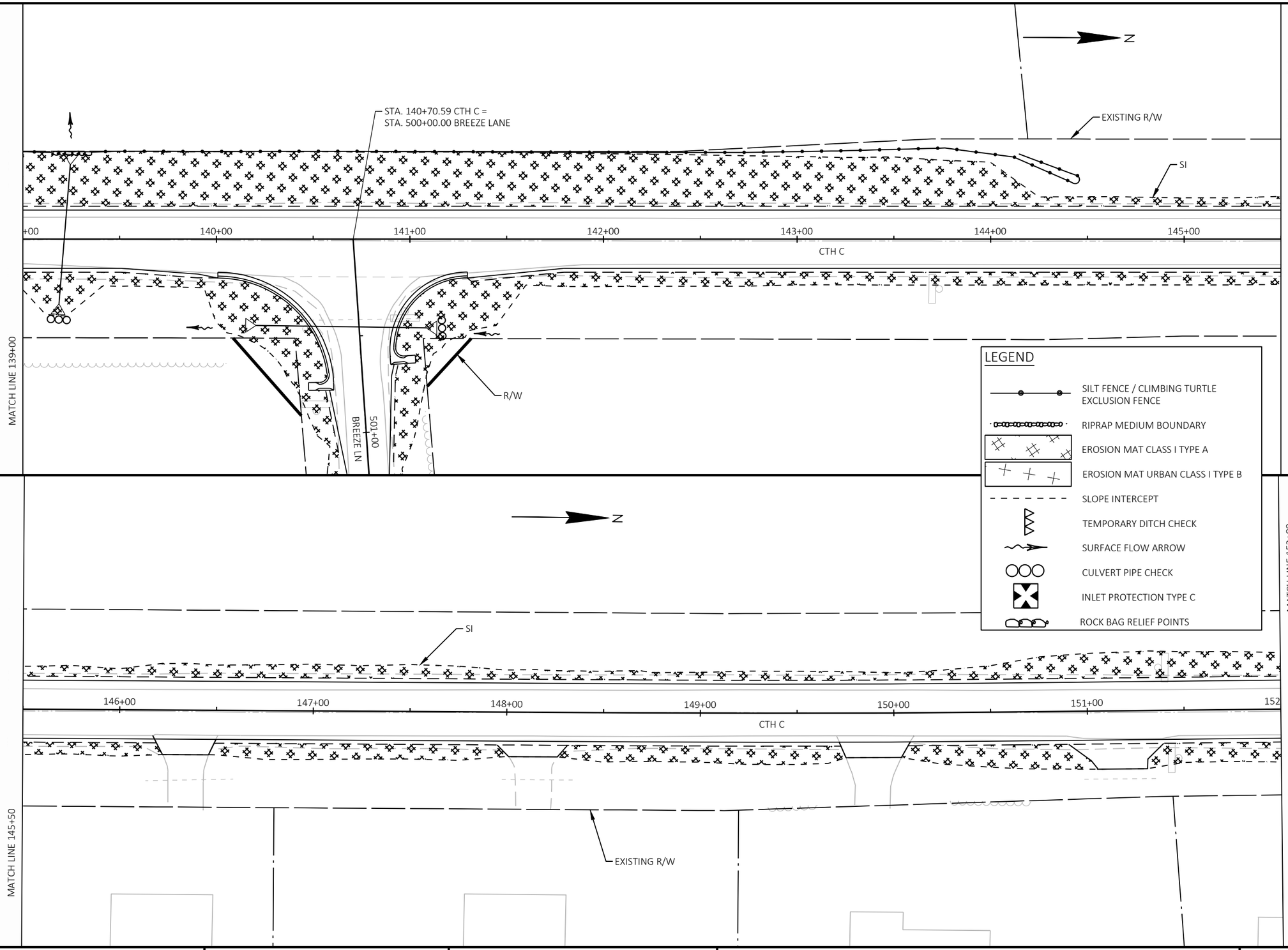
MATCH LINE 132+50

EXISTING R/W

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 26	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 03

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT



2

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 27	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 04
PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

N

STA. 157+56.72 CTH C =
STA. 500+00.00 SOUTH CHASE ROAD

599+00

SOUTH CHASE RD

MATCH LINE 159+00

SI

+00 153+00 154+00 155+00 156+00 157+00 158+00 159

CTH C

EXISTING R/W

SOUTH CHASE RD

601+00

MATCH LINE 152+00

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

N

MATCH LINE 165+00

SI

+00 160+00 161+00 162+00 163+00 164+00 165

CTH C

EXISTING R/W

MATCH LINE 159+00

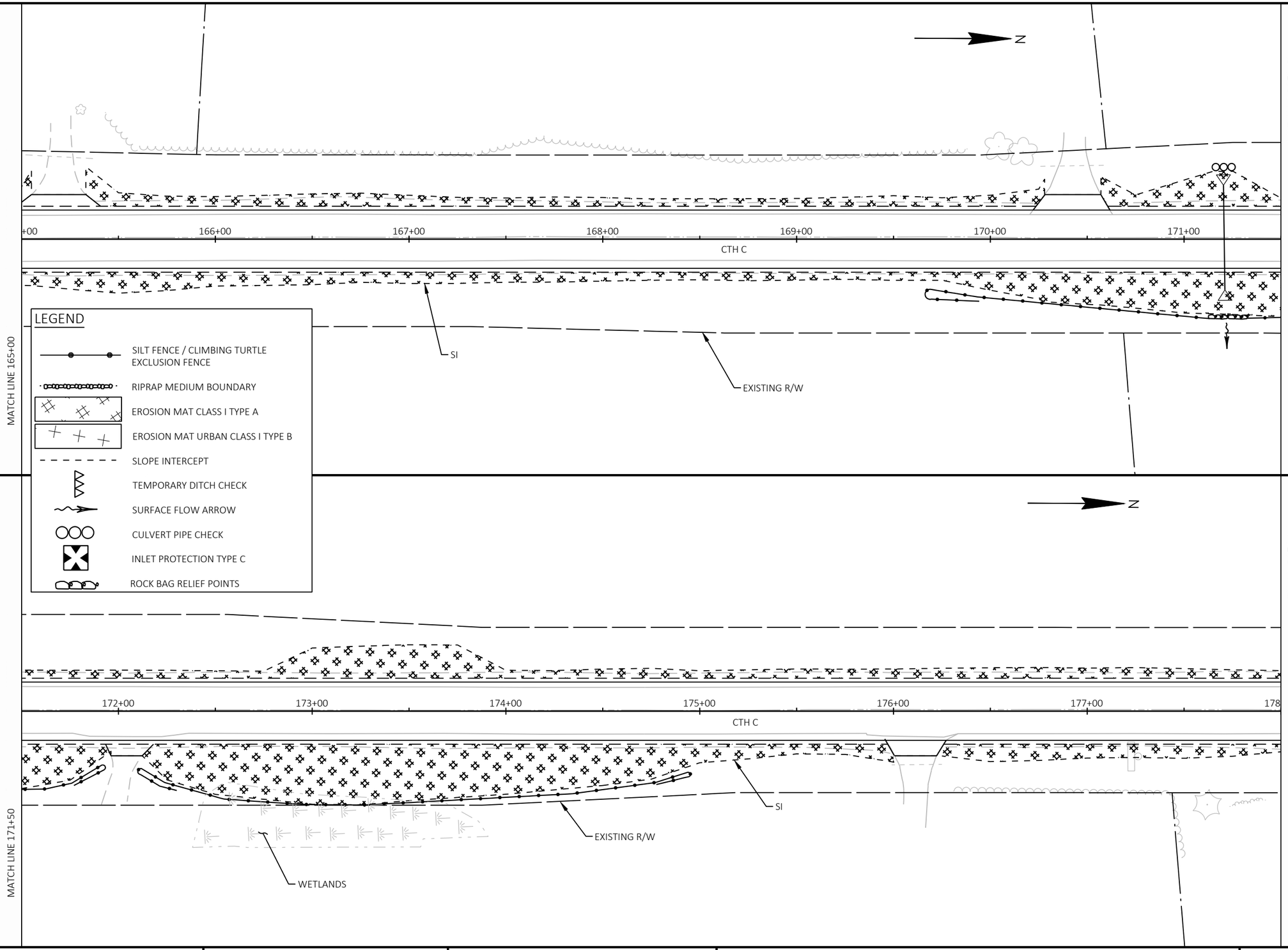
2

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 28	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



2

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 29	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

N

STA. 183+81.11 CTH C =
STA. 700+00.00 HILBERT ROAD

MATCH LINE 185+00

+00 179+00 180+00 181+00 182+00 183+00 184+00 185

CTH C

SI

EXISTING R/W

MATCH LINE 178+00

HILBERT RD

11+00

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

N

MATCH LINE 191+50

SI

+00 186+00 187+00 188+00 189+00 190+00 191+00

CTH C

EXISTING R/W

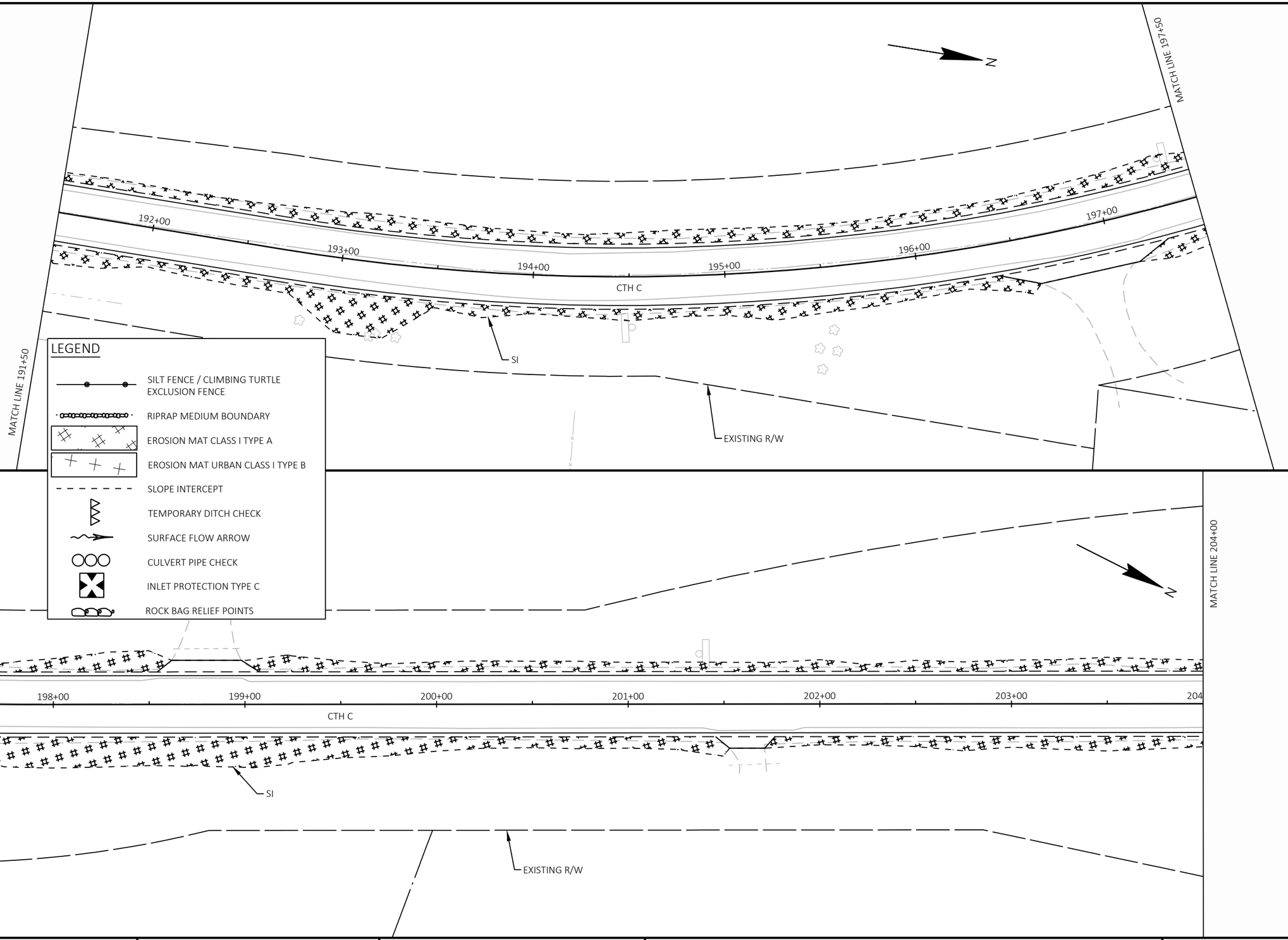
MATCH LINE 185+00

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 30	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



2

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 31	E

2

2

MATCH LINE 204+00

MATCH LINE 210+00

+00 205+00 206+00 207+00 208+00 209+00 210

CTH C

SI

EXISTING R/W

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

LITTLE SUAMICO RIVER

WETLANDS

MATCH LINE 210+00

MATCH LINE 217+00

+00 211+00 212+00 213+00 214+00 215+00 216+00 217

CTH C

WETLANDS

SI

EXISTING R/W

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 32	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 09

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

WETLANDS

MATCH LINE 223+00

SI

218+00

219+00

220+00

221+00

222+00

CTH C

MATCH LINE 217+00

EXISTING R/W

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

POTTS LN

799+00

SI

MATCH LINE 229+50

225+00

226+00

227+00

228+00

229+00

224+00

CTH C

FAGER LN

800+00

EXISTING R/W

STA. 223+91.17 CTH C =
STA. 800+00.00 POTTS LANE
STA. 800+00.00 FAGER LANE

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 33	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 10

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

N

SI

230+00 231+00 232+00 233+00 234+00 235+00 236+00

CTH C

EXISTING R/W

MATCH LINE 229+50

MATCH LINE 236+50

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

N

XXXXXX

899+00

REGAL LN

SIGN

MATCH LINE 243+00

STA. 240+24.39 CTH C =
STA. 900+00.00 REGAL LANE
STA. 900+00.00 FAGER LANE

237+00 238+00 239+00 240+00 241+00 242+00 243

CTH C

SI

EXISTING R/W

MATCH LINE 236+50

FAGER LN

901+00

XXXXXX

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 34	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 11

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

N

+00 244+00 245+00 246+00 247+00 248+00 249+00

CTH C

MATCH LINE 243+00

MATCH LINE 249+50

SI

EXISTING R/W

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

N

SI

STA. 252+62.22 CTH C =
STA. 1000+00.00 SAINDON ROAD

MATCH LINE 256+00

250+00 251+00 252+00 253+00 254+00 255+00 256

CTH C

MATCH LINE 249+50

SAINDON RD

1000

EXISTING R/W

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 35	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 12

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 256+00

MATCH LINE 260+50

N

SI

+00 257+00 258+00 259+00 260+00

CTH C

EXISTING R/W

LEGEND

- SILT FENCE / CLIMBING TURTLE EXCLUSION FENCE
- RIPRAP MEDIUM BOUNDARY
- EROSION MAT CLASS I TYPE A
- EROSION MAT URBAN CLASS I TYPE B
- SLOPE INTERCEPT
- TEMPORARY DITCH CHECK
- SURFACE FLOW ARROW
- CULVERT PIPE CHECK
- INLET PROTECTION TYPE C
- ROCK BAG RELIEF POINTS

CTH S

1099+00

EXISTING R/W

N

END PROJECT
STA 265+28.00

STA. 262+47.91 CTH C =
STA. 1100+00.00 CTH S

SI

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

CTH C

CTH S

1101+00

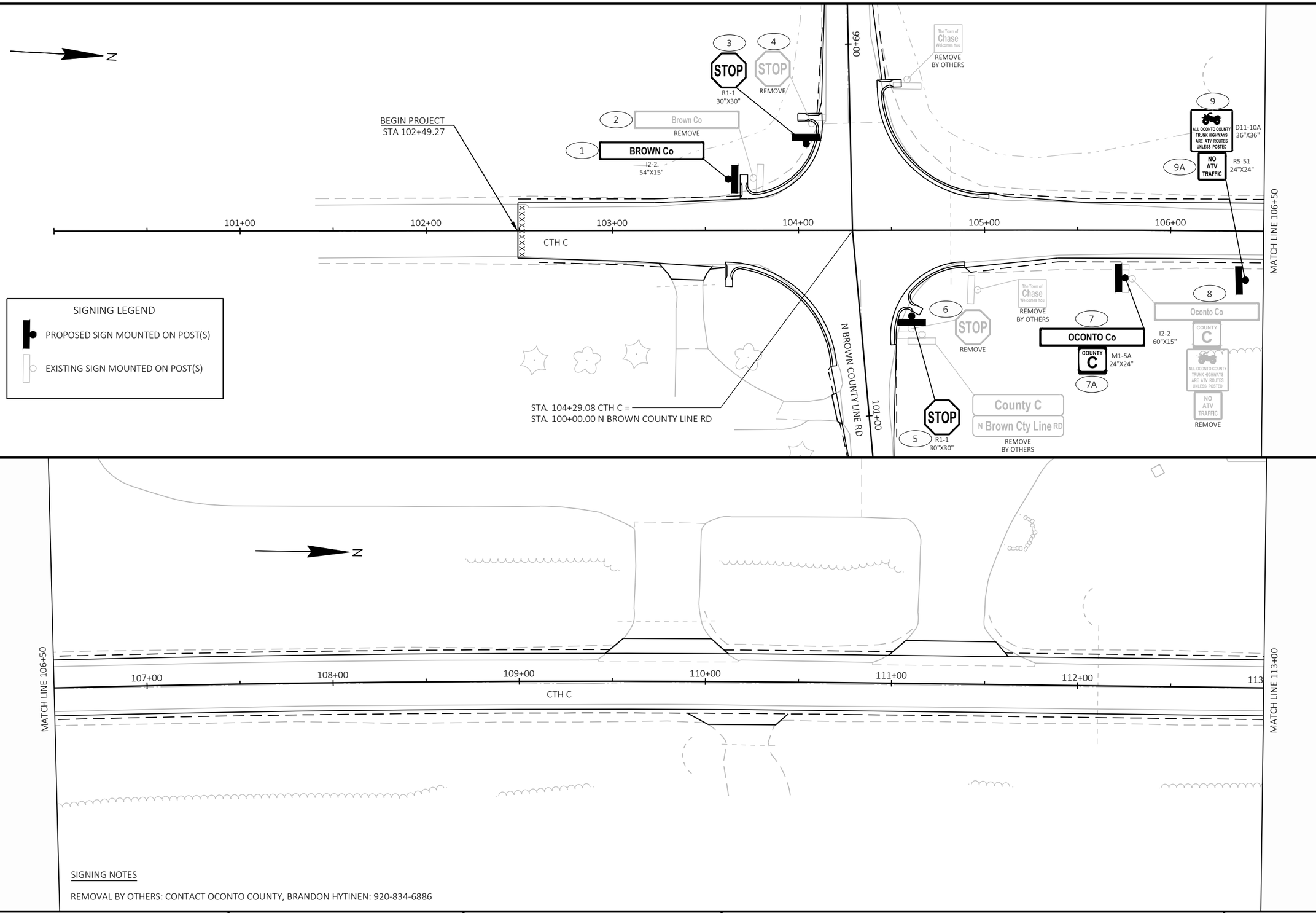
MATCH LINE 260+50

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	EROSION CONTROL	SHEET 36	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\022001-EC.DWG
LAYOUT NAME - 13

PLOT DATE : 10/20/2025 12:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

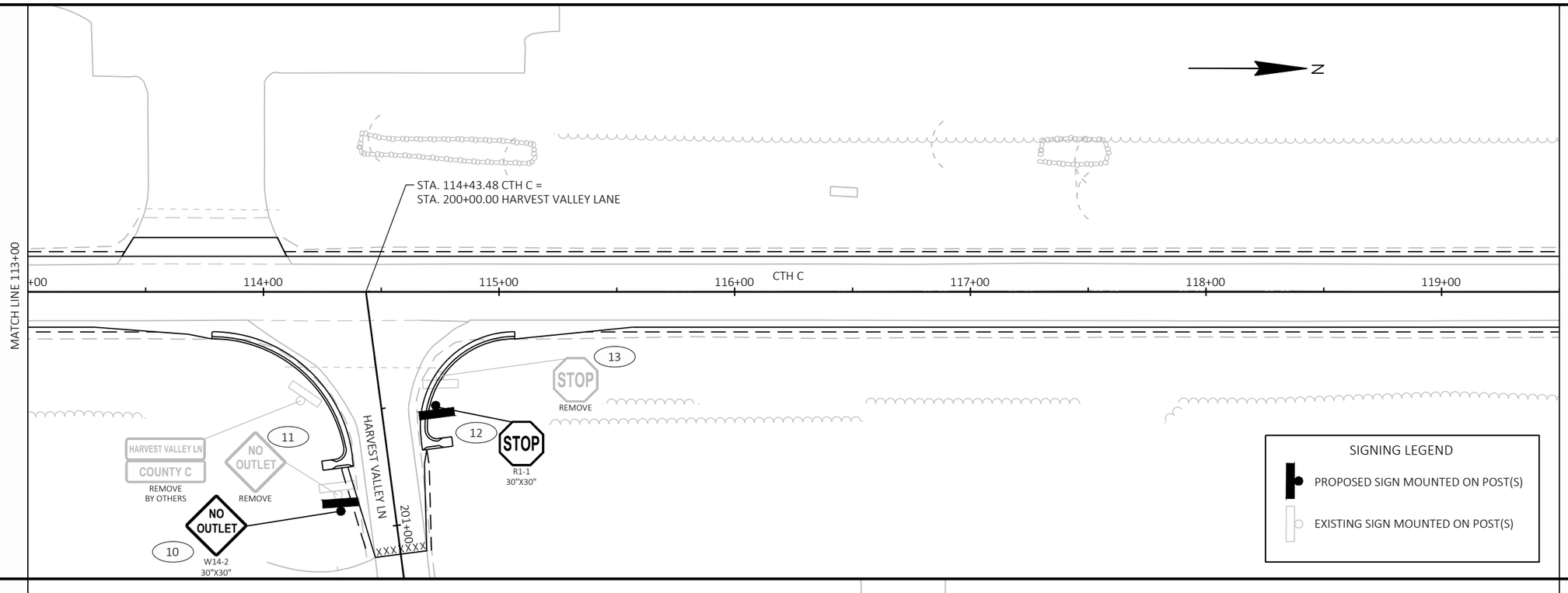
WISDOT/CADDS SHEET 44

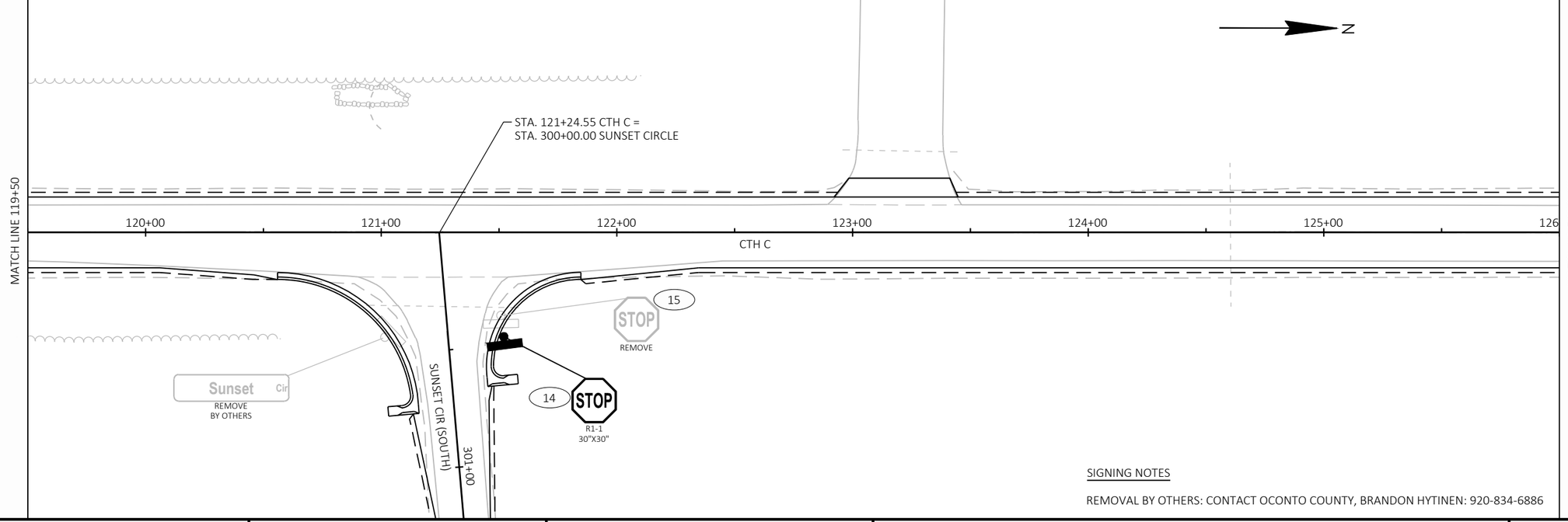


SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 37	E

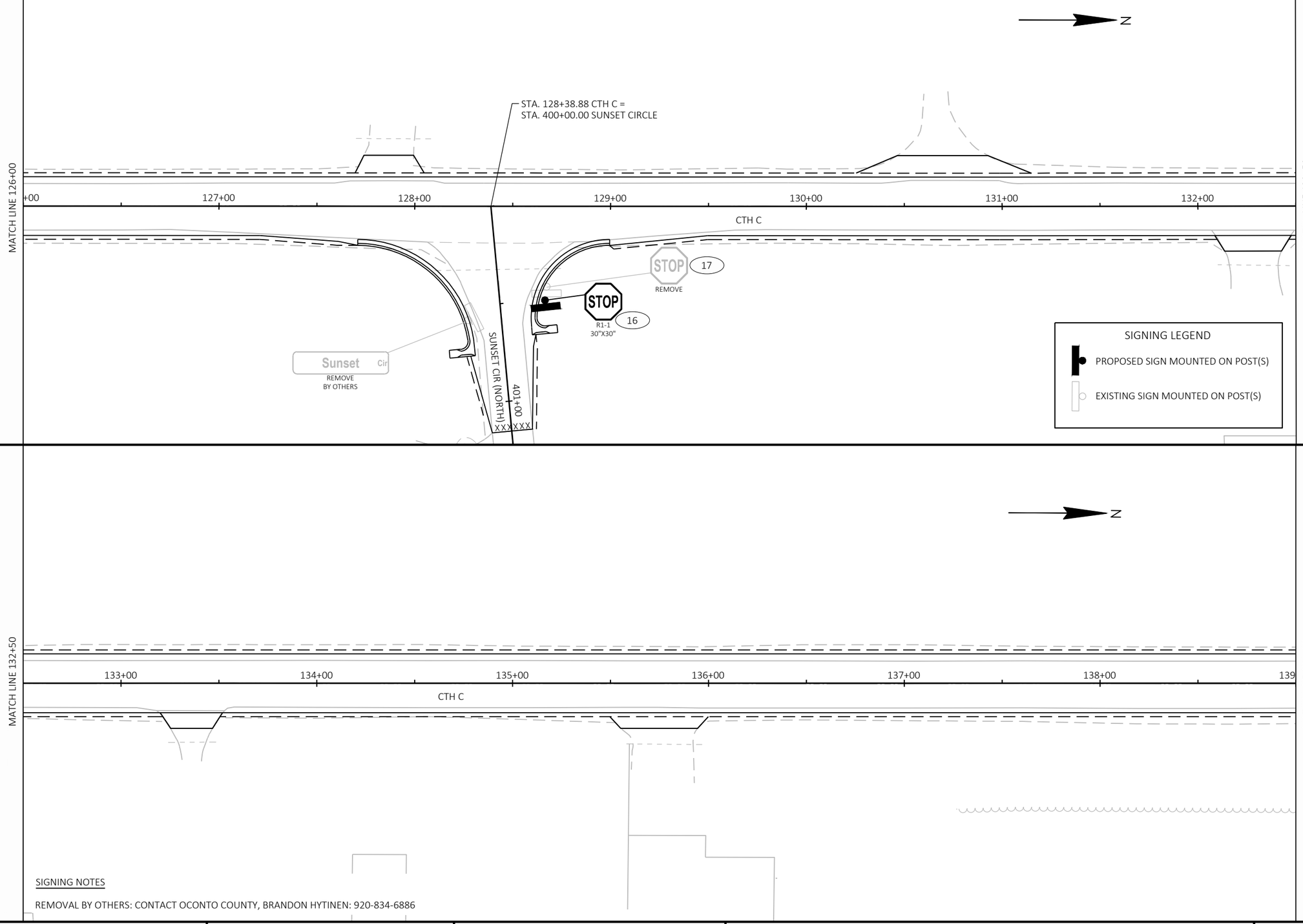




SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 38	E

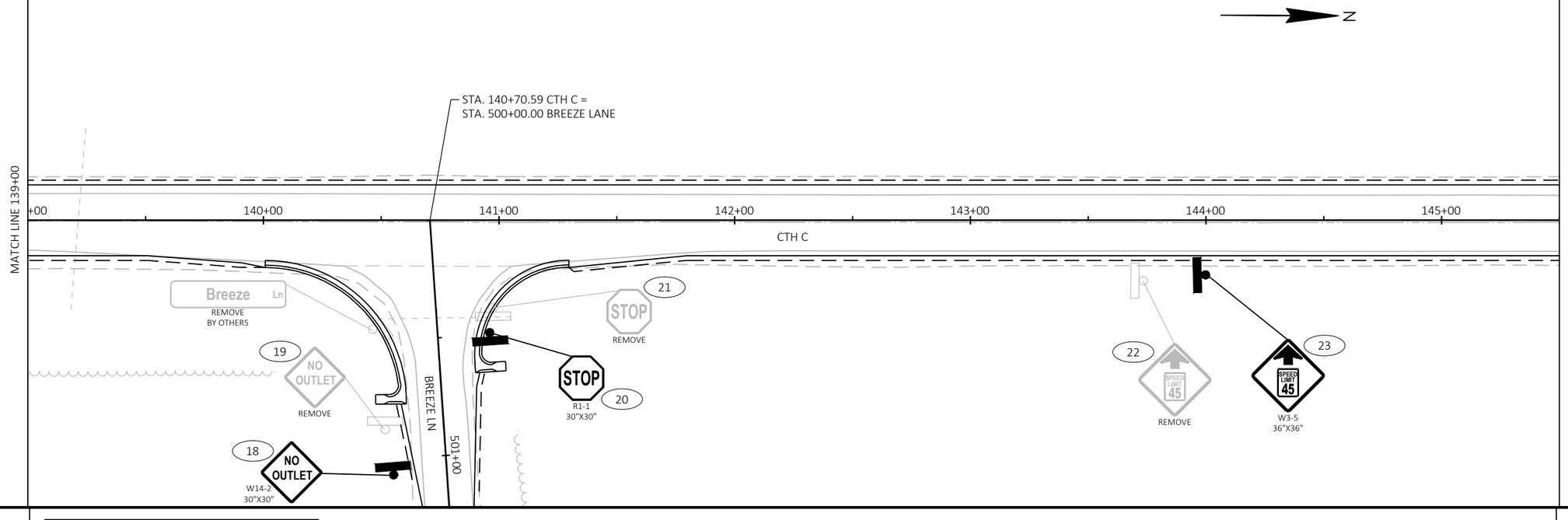


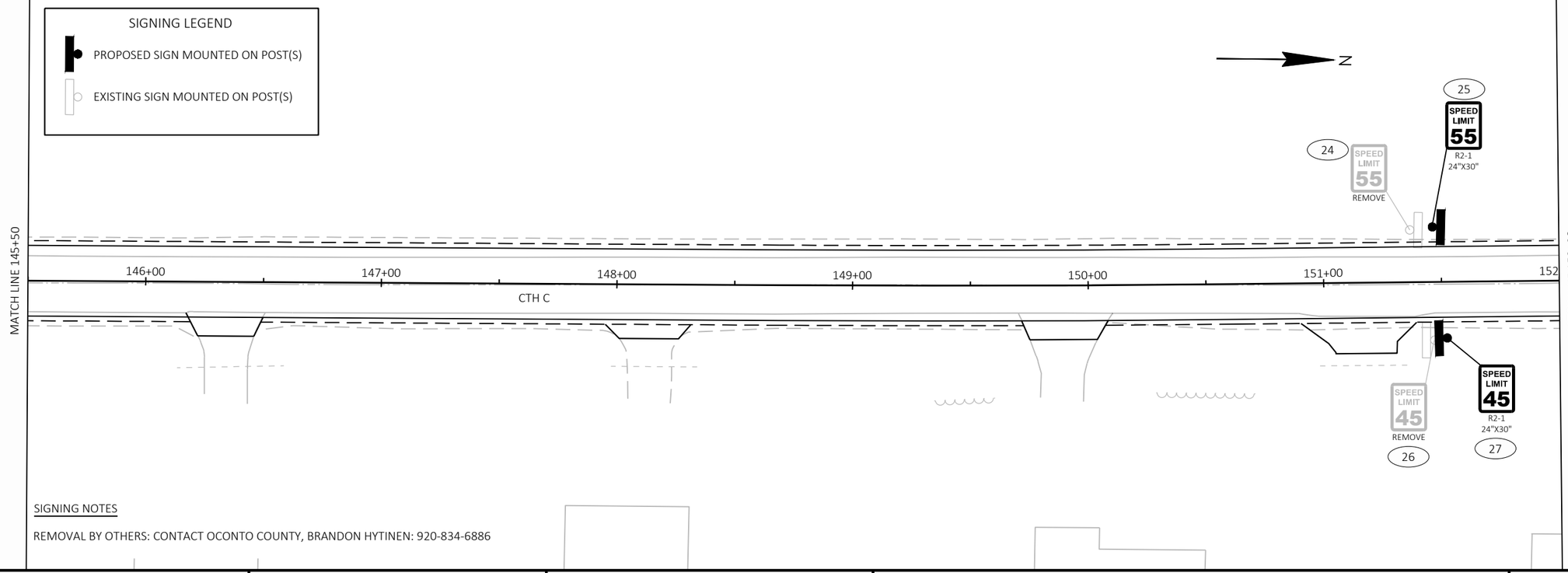
SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 39	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 03
PLOT DATE : 7/8/2025 10:08 AM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



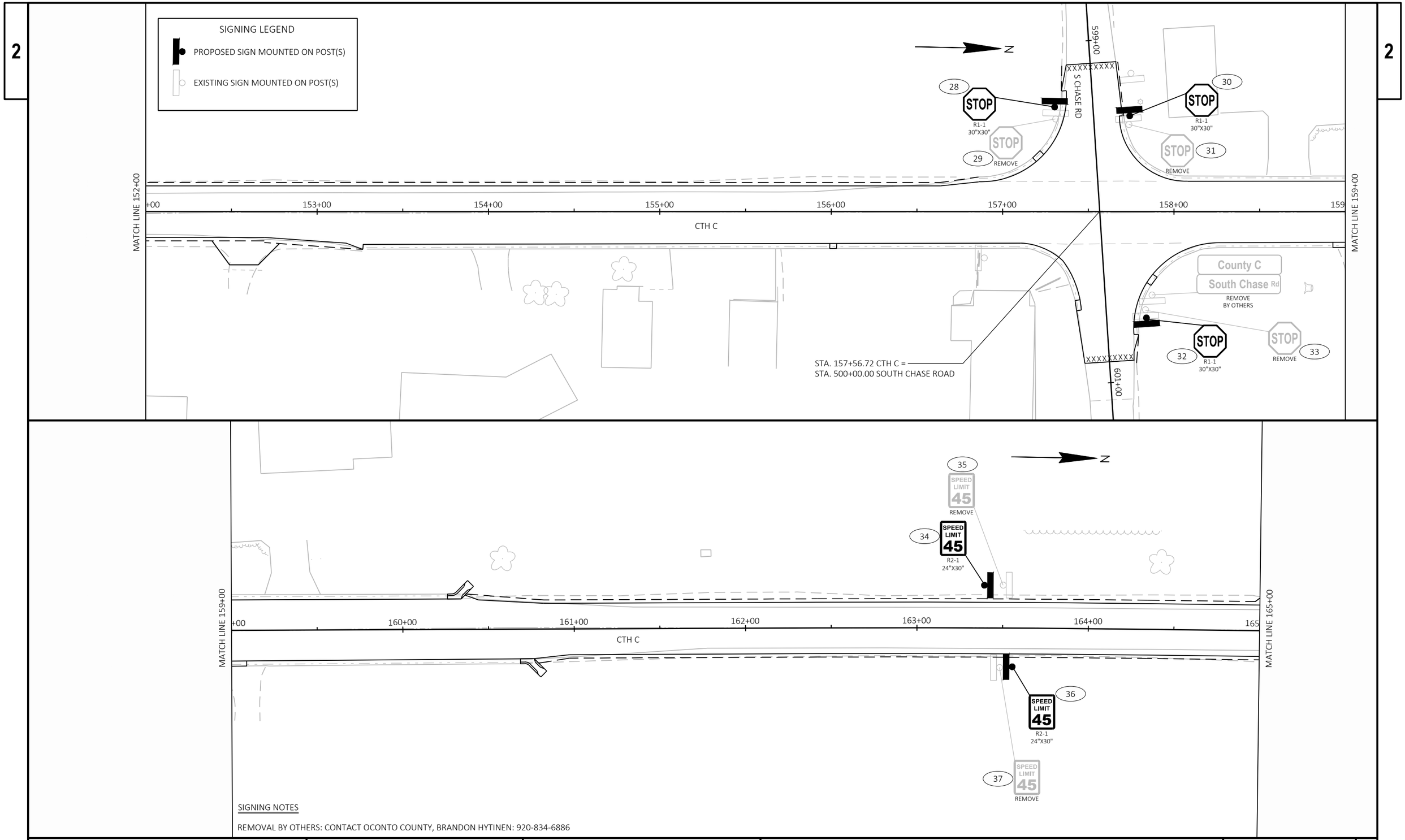


SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 40	E

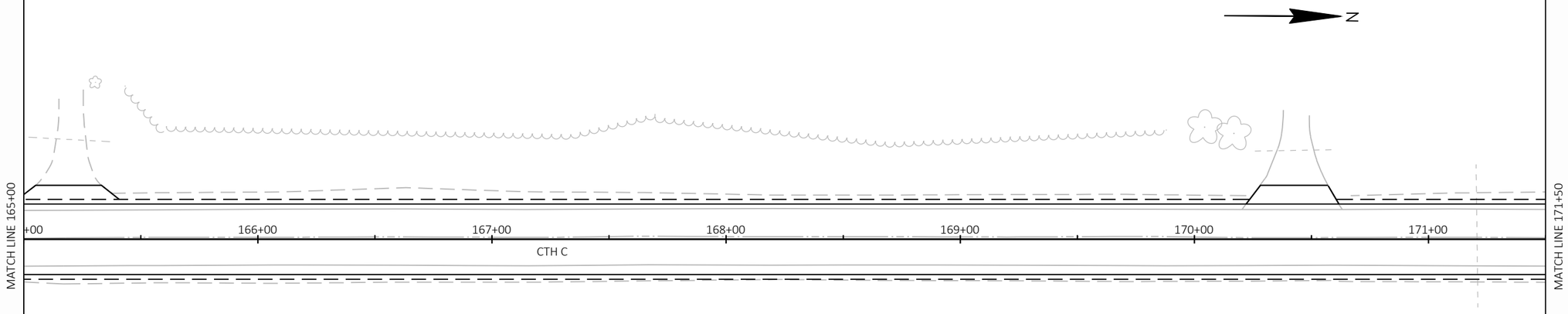
FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 04
PLOT DATE : 7/8/2025 10:08 AM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 41	E

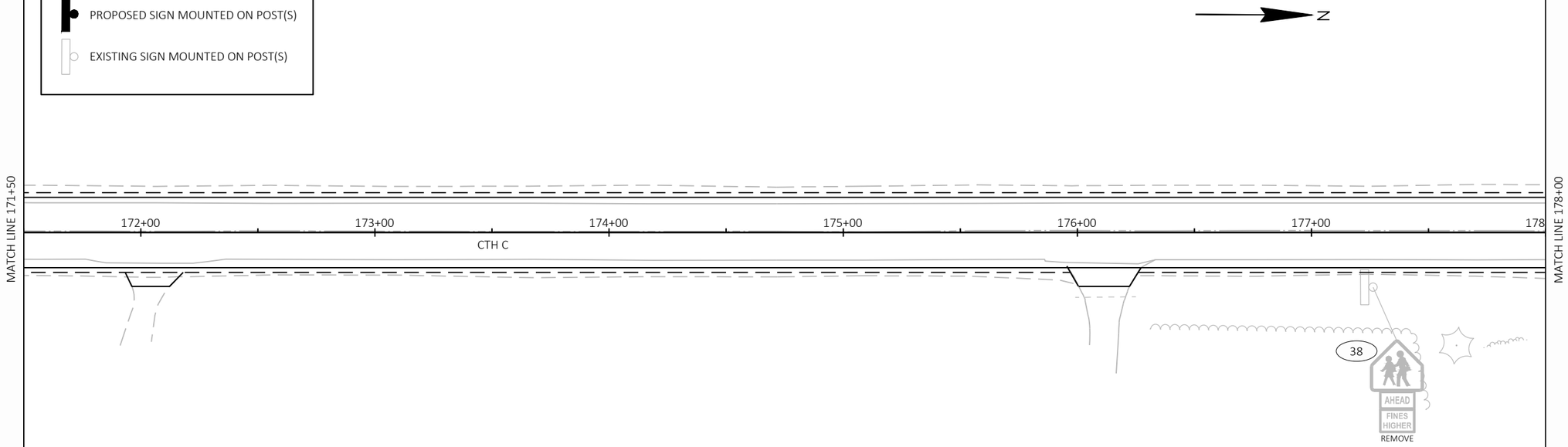


2

SIGNING LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON POST(S)

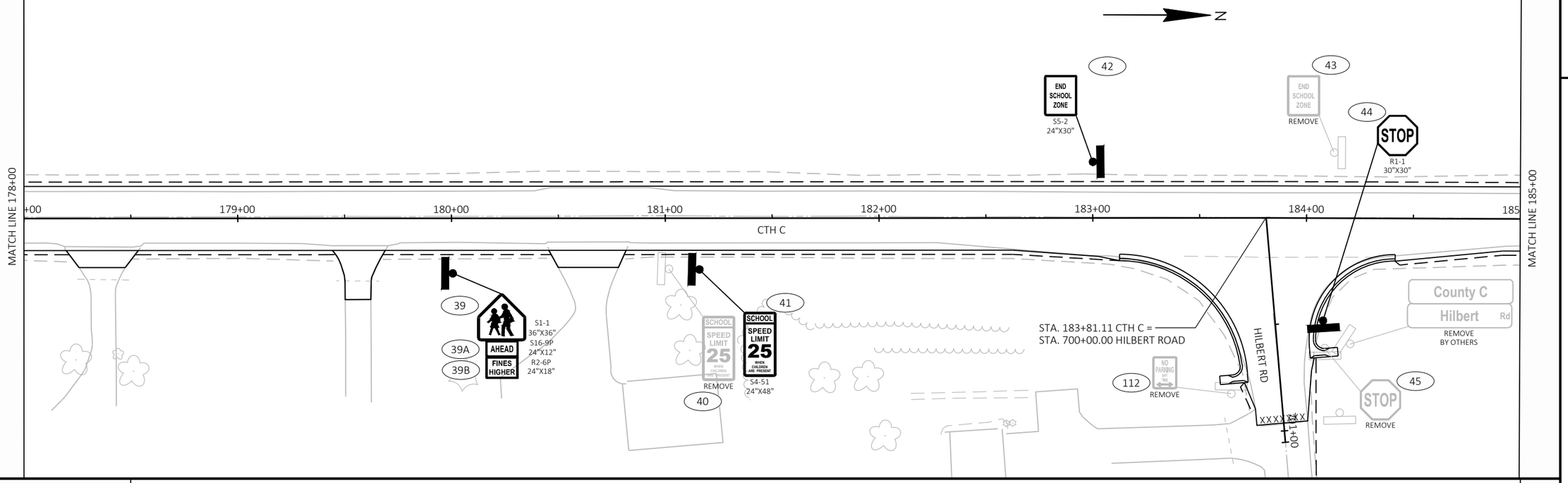


SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 42	E

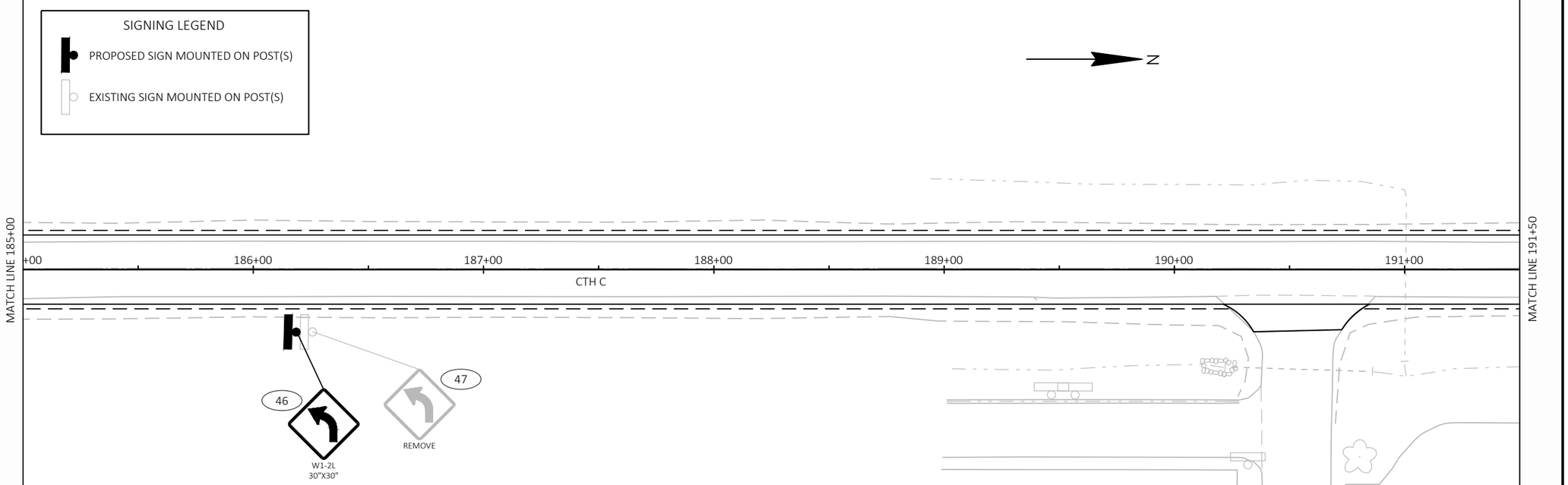
FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 06
PLOT DATE : 7/8/2025 10:09 AM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



SIGNING LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

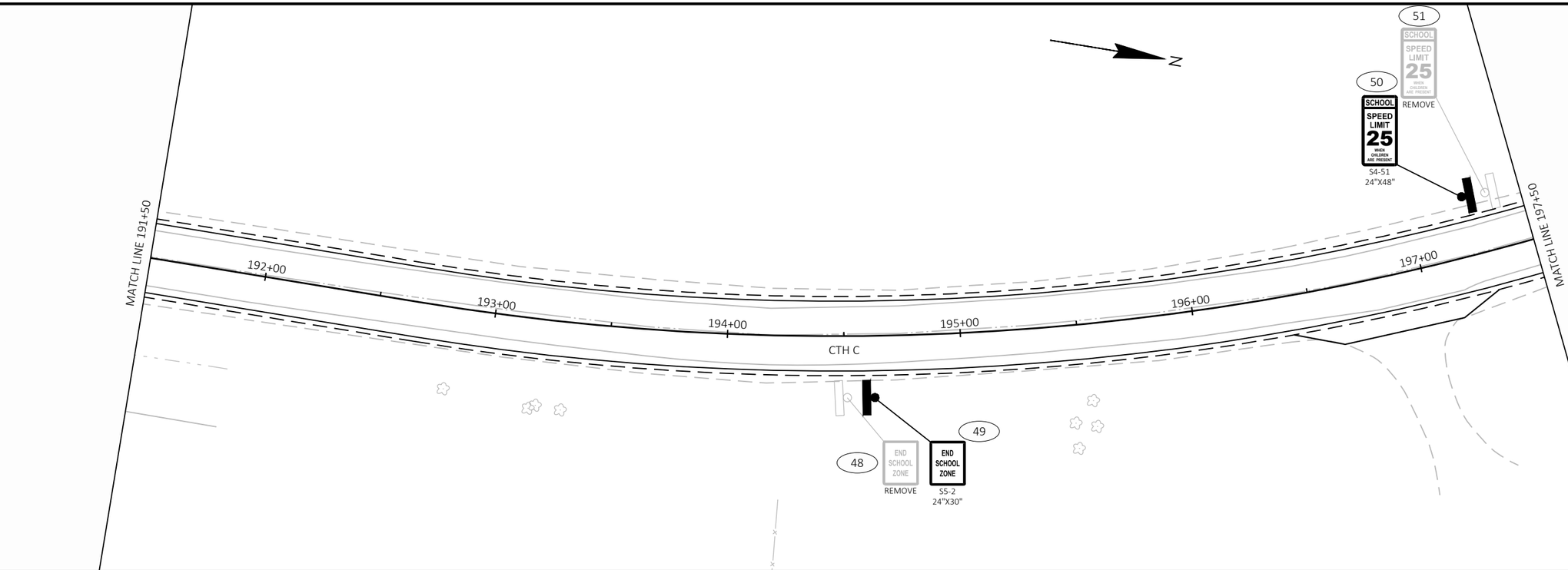
EXISTING SIGN MOUNTED ON POST(S)

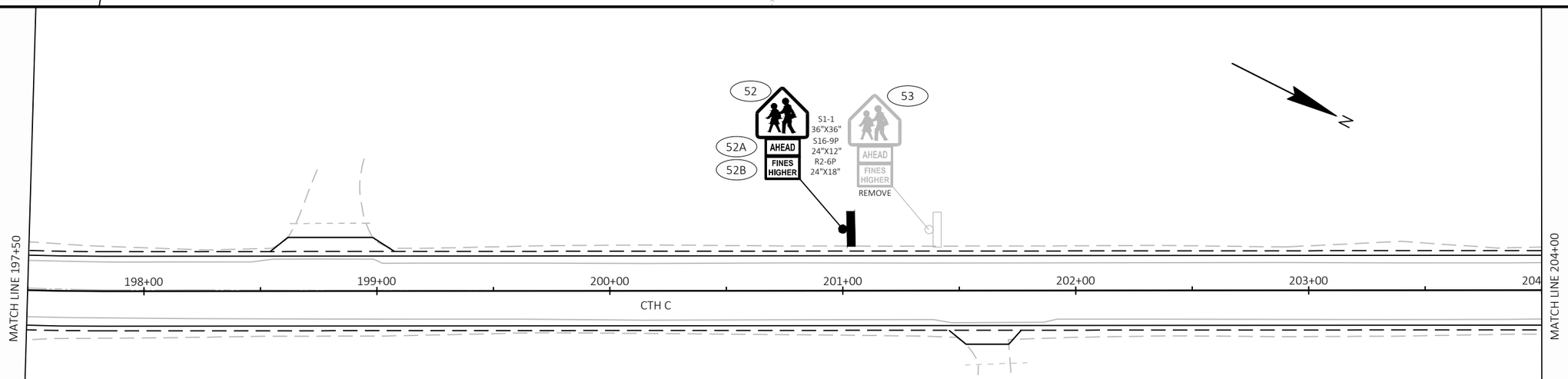


SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 43	E





SIGNING LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON POST(S)

SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 44	E

2

2

SIGNING LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON POST(S)

MATCH LINE 204+00

MATCH LINE 210+00

+00 205+00 206+00 207+00 208+00 209+00 210

CTH C

MATCH LINE 210+00

MATCH LINE 217+00

54 55 56 57 58 59

R2-1 24"X30"

SPEED LIMIT 45

REMOVE

W5-52L 12"X36"

W5-52R 12"X36"

+00 211+00 212+00 213+00 214+00 215+00 216+00 217

CTH C

60 61 62 63 64 65 66 67

R2-I 24"X30"

W5-52R 12"X36"

W5-52L 12"X36"

W1-2R 30"X30"

SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 45	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 09

PLOT DATE : 7/8/2025 10:10 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

MATCH LINE 217+00

+00

218+00

219+00

220+00

221+00

222+00

223

CTH C

MATCH LINE 223+00

SIGNING LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON POST(S)

70

STOP

REMOVE

71

STOP

R1-1
30"X30"

69

REMOVE

W1-6
48"X24"

68

POTTS LN

799+00

73

DEAD END

REMOVE

72

DEAD END

W14-1
30"X30"

Potts Rd

REMOVE
BY OTHERS

224+00

225+00

226+00

227+00

228+00

229+00

CTH C

STA. 223+91.17 CTH C =
STA. 800+00.00 POTTS LANE
STA. 800+00.00 FAGER LANE

STOP

R1-1
30"X30"

74

75

STOP

REMOVE

FAGER LN

801+00

Fager Ln

REMOVE
BY OTHERS

MATCH LINE 229+50

SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 46	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/8/2025 10:10 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

SIGNING LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON POST(S)

N

MATCH LINE 229+50

MATCH LINE 236+50

230+00 231+00 232+00 233+00 234+00 235+00 236+00

CTH C

76 REMOVE

77 W1-2L 30"X30"

MATCH LINE 236+50

MATCH LINE 243+00

237+00 238+00 239+00 240+00 241+00 242+00 243

CTH C

REGAL LN

899+00

78 STOP REMOVE

79 STOP R1-1 30"X30"

80 DEAD END W14-1 30"X30"

81 DEAD END REMOVE

SIGN

Regal Ln REMOVE BY OTHERS

STA. 240+24.39 CTH C =
STA. 900+00.00 REGAL LANE
STA. 900+00.00 FAGER LANE

Fager Ln REMOVE BY OTHERS

FAGER LN

901+00

83 STOP REMOVE

82 STOP R1-1 30"X30"

SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 47	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/8/2025 10:11 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

N

MATCH LINE 243+00

+00 244+00 245+00 246+00 CTH C 247+00 248+00 249+00

MATCH LINE 249+50

SIGNING LEGEND

PROPOSED SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON POST(S)

N

STA. 252+62.22 CTH C =
STA. 1000+00.00 SAINDON ROAD

MATCH LINE 249+50

250+00 251+00 252+00 253+00 254+00 255+00 256

CTH C

MATCH LINE 256+00

SAINDON RD

1000

87 STOP REMOVE

86 STOP R1-1 30"X30"

88 STOP AHEAD REMOVE

COUNTY C
Saindon Rd
REMOVE BY OTHERS

84 SPEED LIMIT 25 REMOVE

85 SPEED LIMIT 25 R2-1 24"X30"

SIGNING NOTES

REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

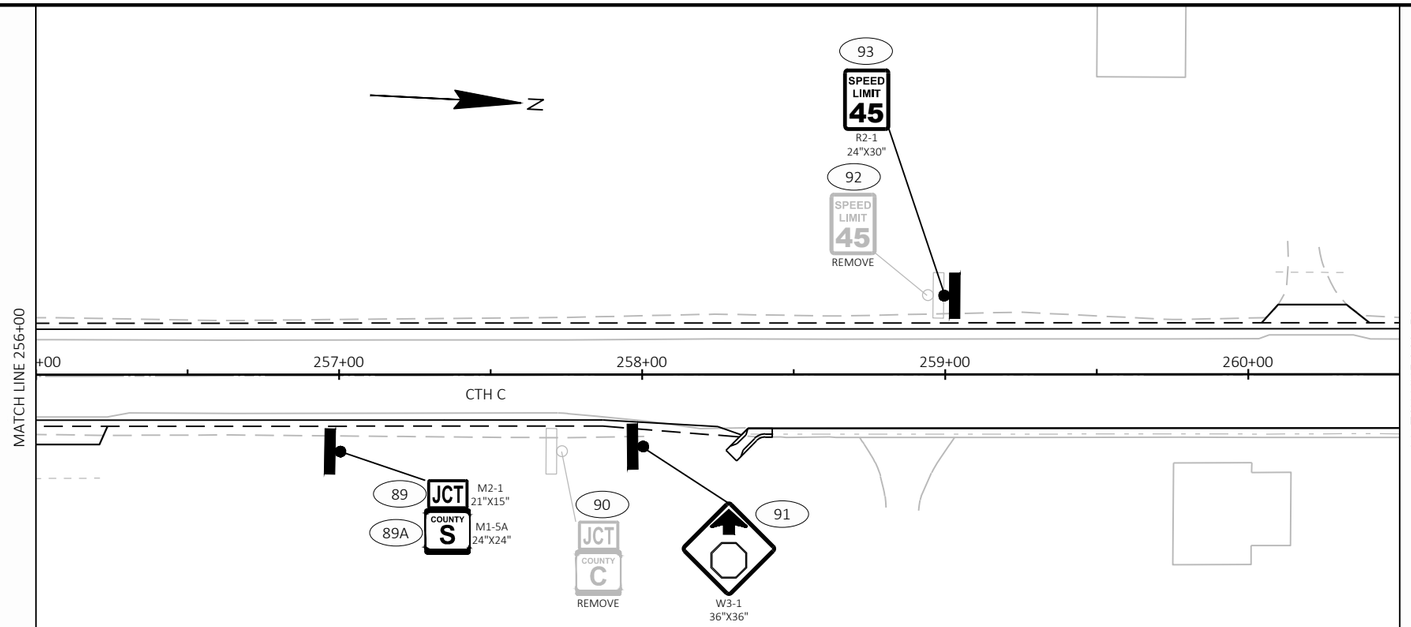
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 48	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 12

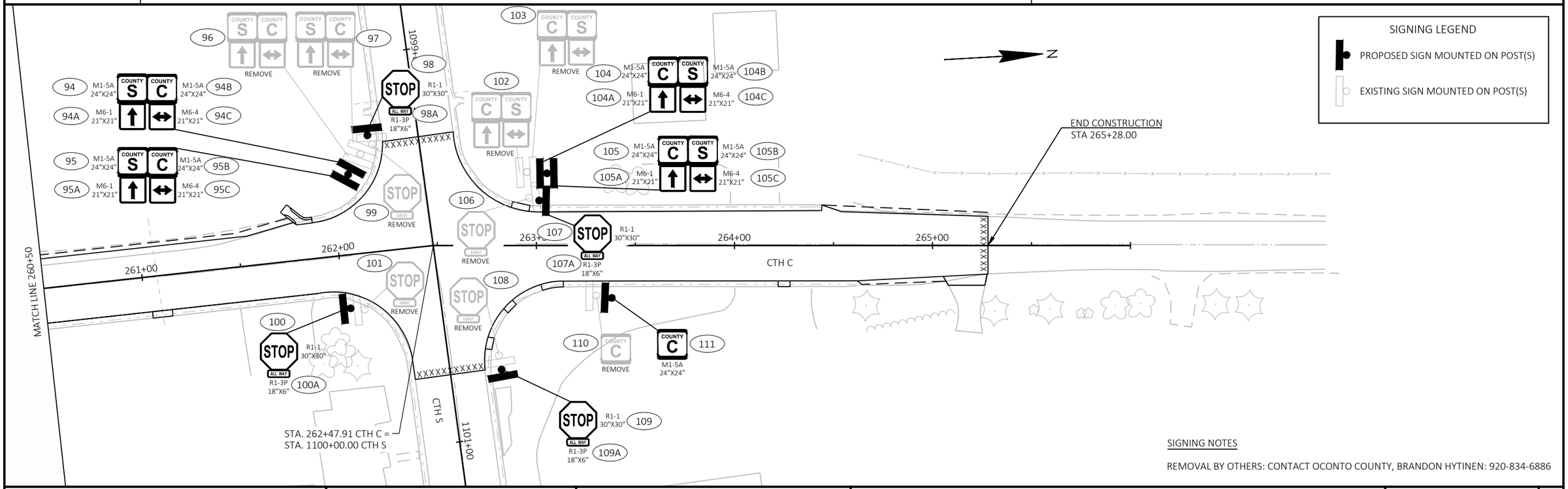
PLOT DATE : 7/8/2025 10:11 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2



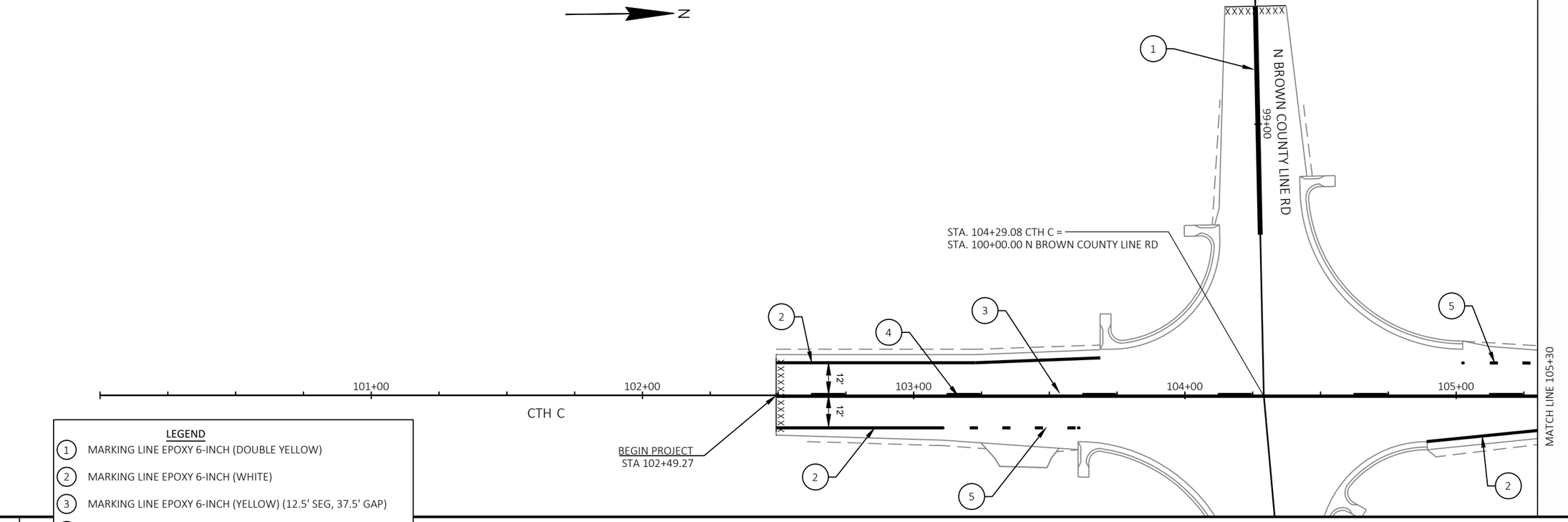
2



SIGNING NOTES

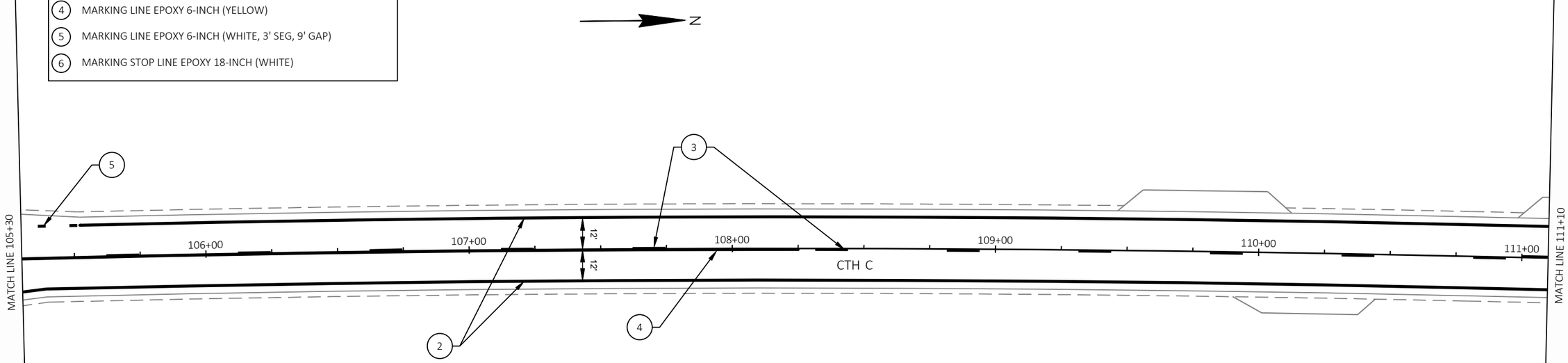
REMOVAL BY OTHERS: CONTACT OCONTO COUNTY, BRANDON HYTINEN: 920-834-6886

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET 49	E

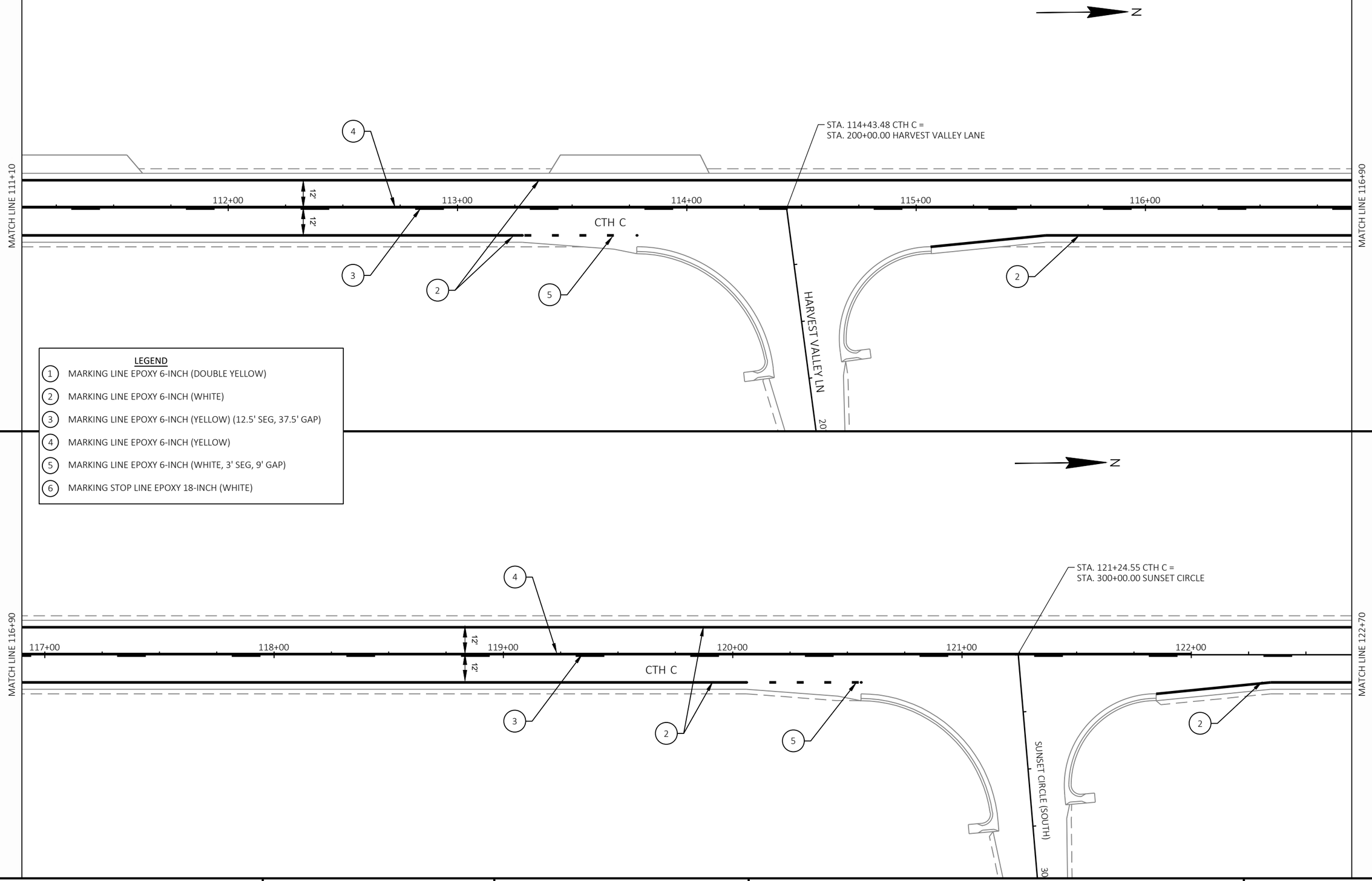


LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 50	E



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 51	E

2

2

N

STA. 128+38.88 CTH C =
STA. 400+00.00 SUNSET CIRCLE

MATCH LINE 122+70

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

12'
12'

CTH C

2 3 5

SUNSET CIRCLE (NORTH) 40

MATCH LINE 128+65

LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

N

MATCH LINE 128+65

129+00 130+00 131+00 132+00 133+00 134+00

12'
12'

CTH C

2 3

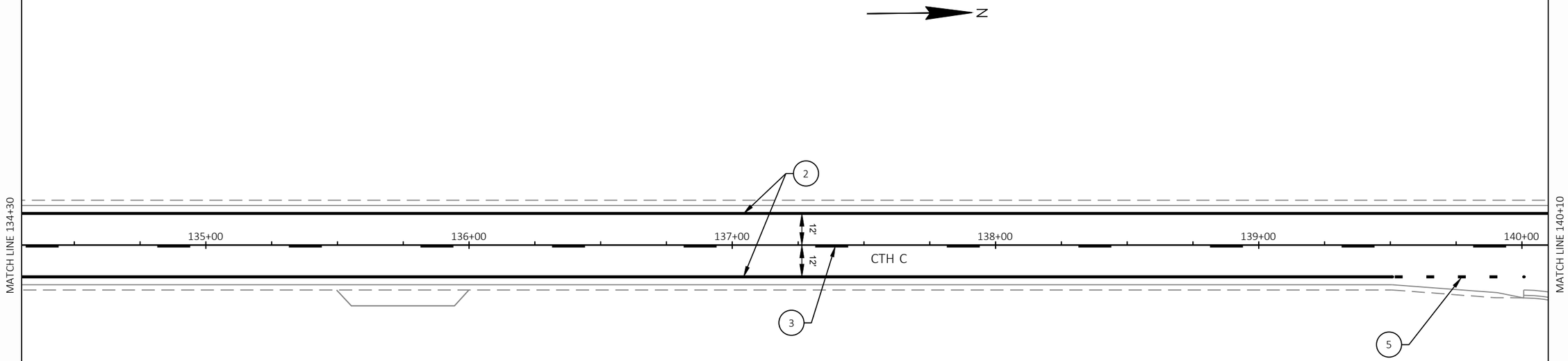
MATCH LINE 134+30

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 52	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM2

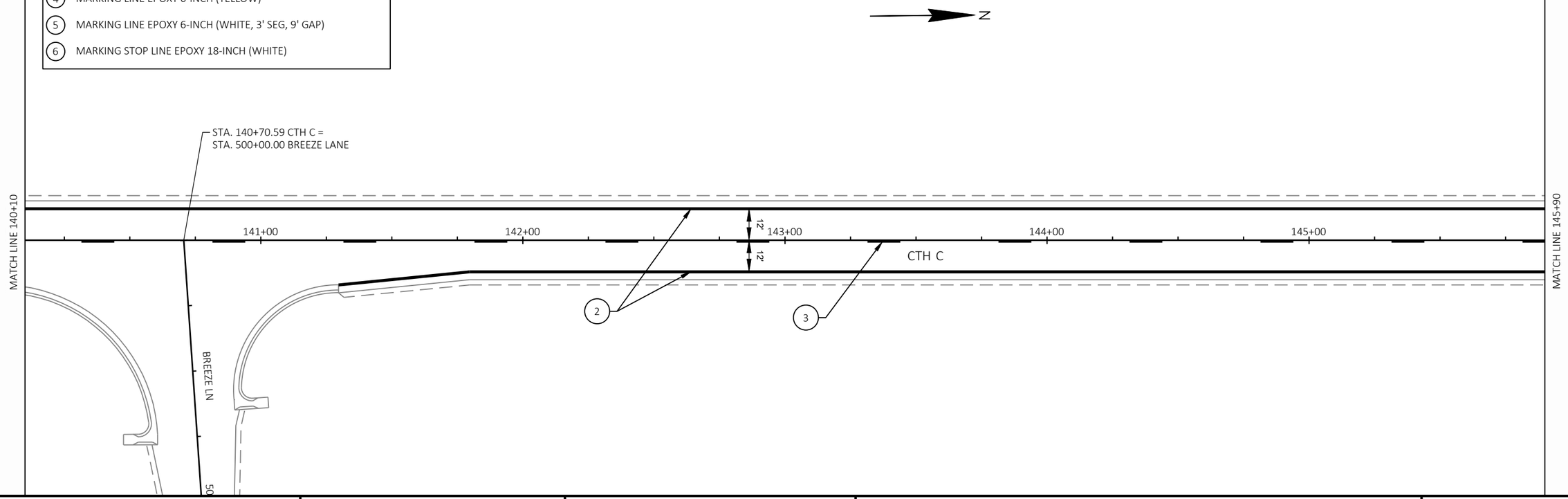
PLOT DATE : 7/8/2025 10:33 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)



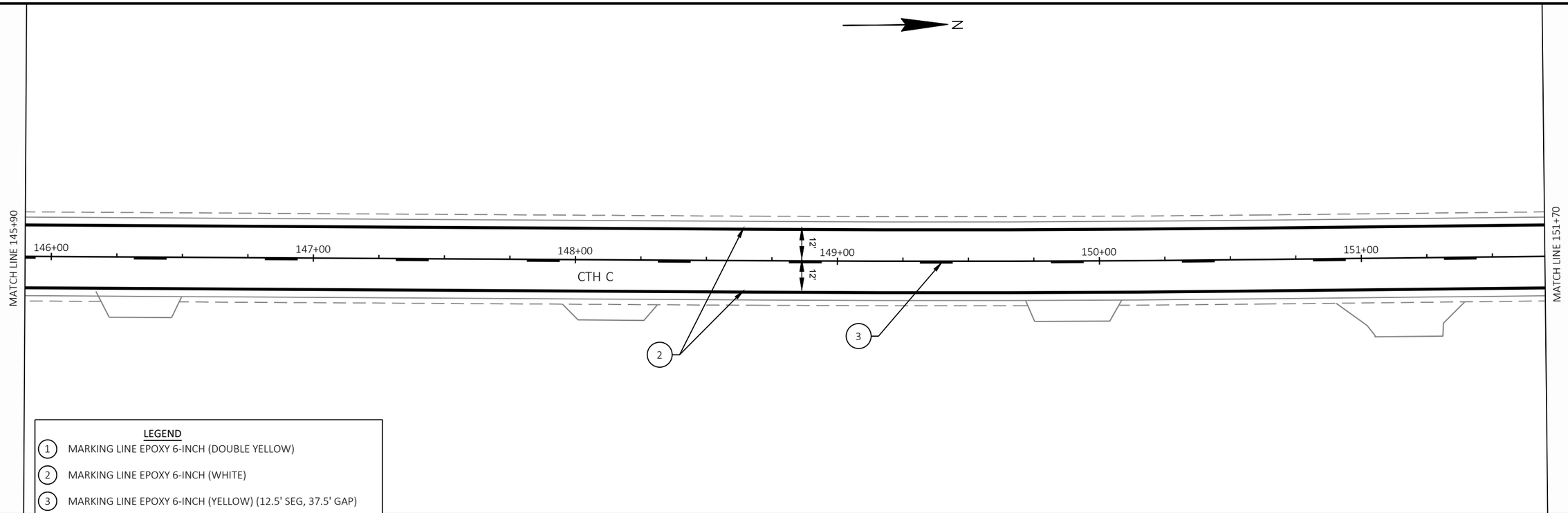
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 53	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM3

PLOT DATE : 7/8/2025 10:35 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

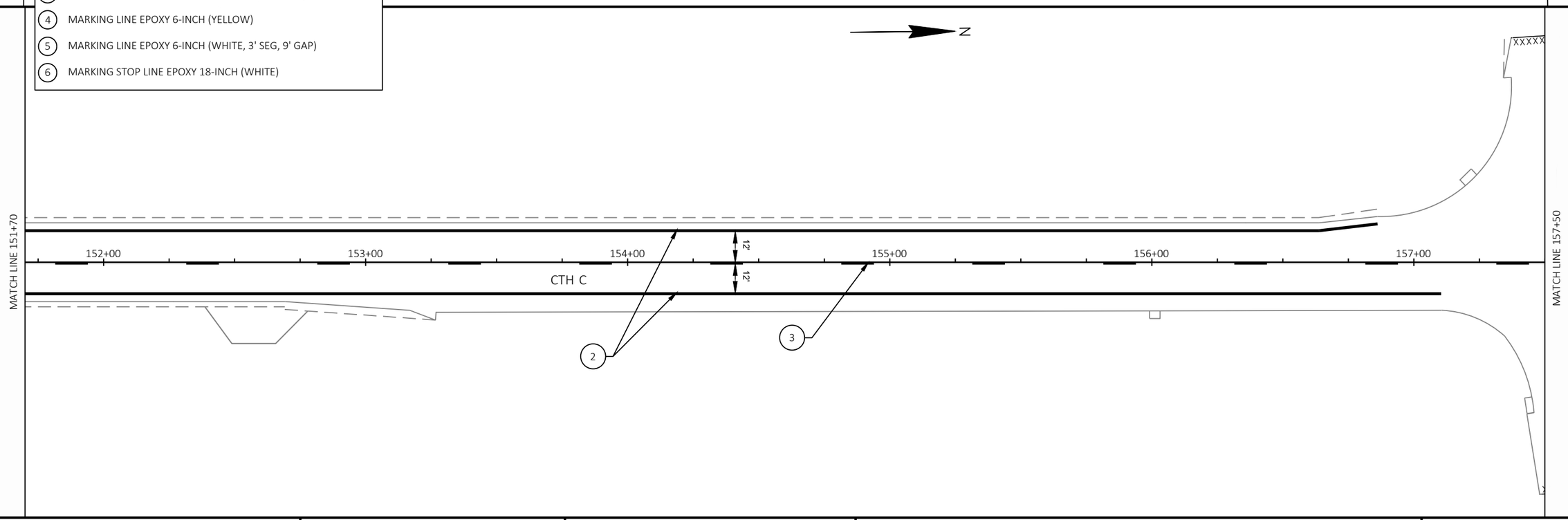
WISDOT/CADDS SHEET 44

2



LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

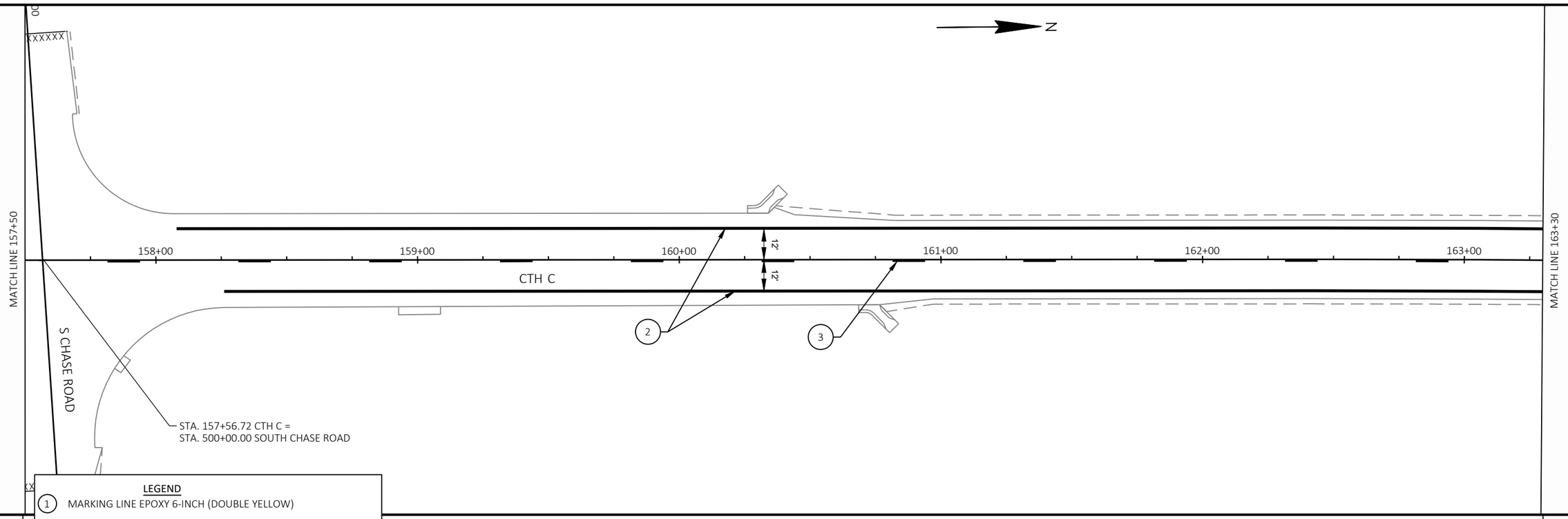


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 54	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM4

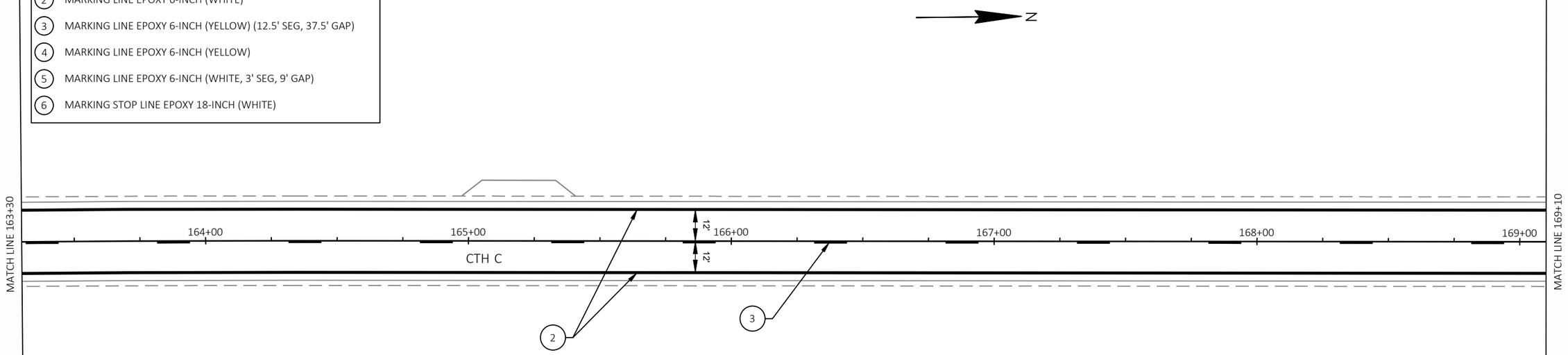
PLOT DATE : 7/8/2025 10:36 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

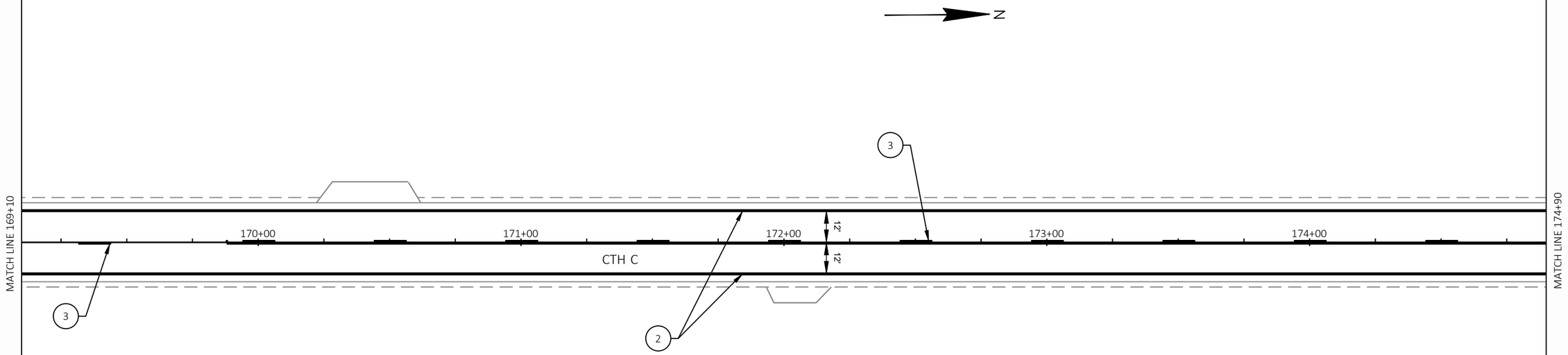


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 55	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM5

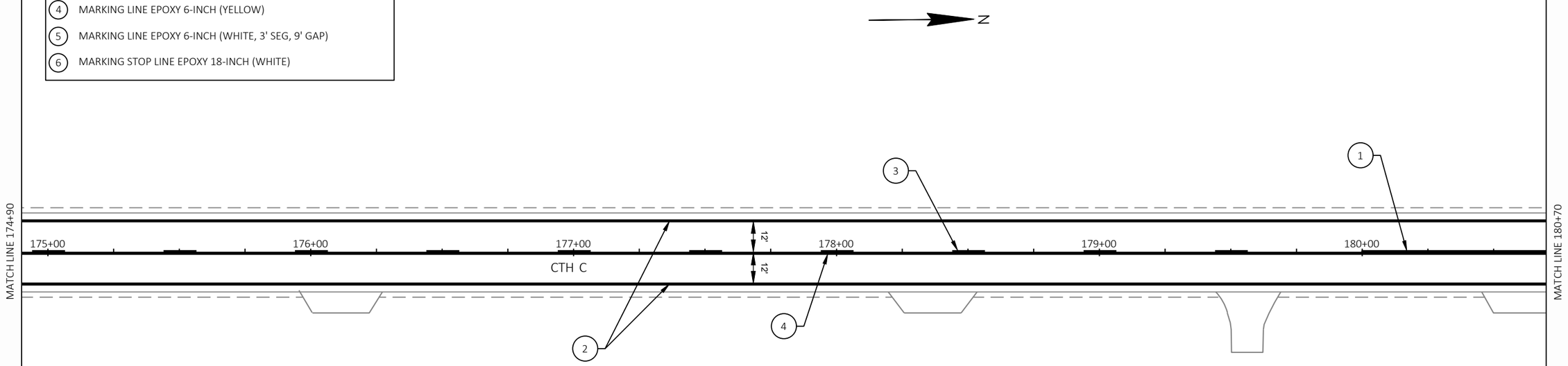
PLOT DATE : 7/8/2025 10:36 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 56	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM6

PLOT DATE : 7/8/2025 10:37 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MATCH LINE 180+70

181+00 182+00 183+00 184+00 185+00 186+00

12'
12'

CTH C

STA. 183+81.11 CTH C =
STA. 700+00.00 HILBERT ROAD

HILBERT ROAD

XXXXXXXXXX

MATCH LINE 186+50

LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

N

MATCH LINE 186+50

187+00 188+00 189+00 190+00 191+00 192+00

12'
12'

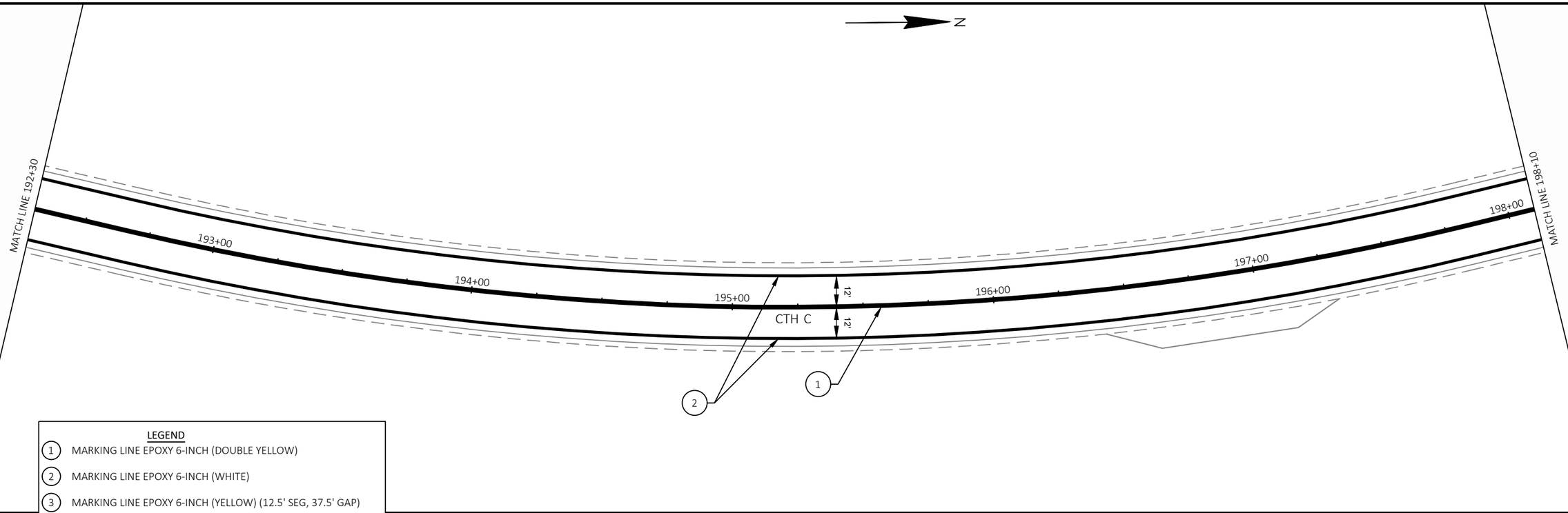
CTH C

MATCH LINE 192+30

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 57	E

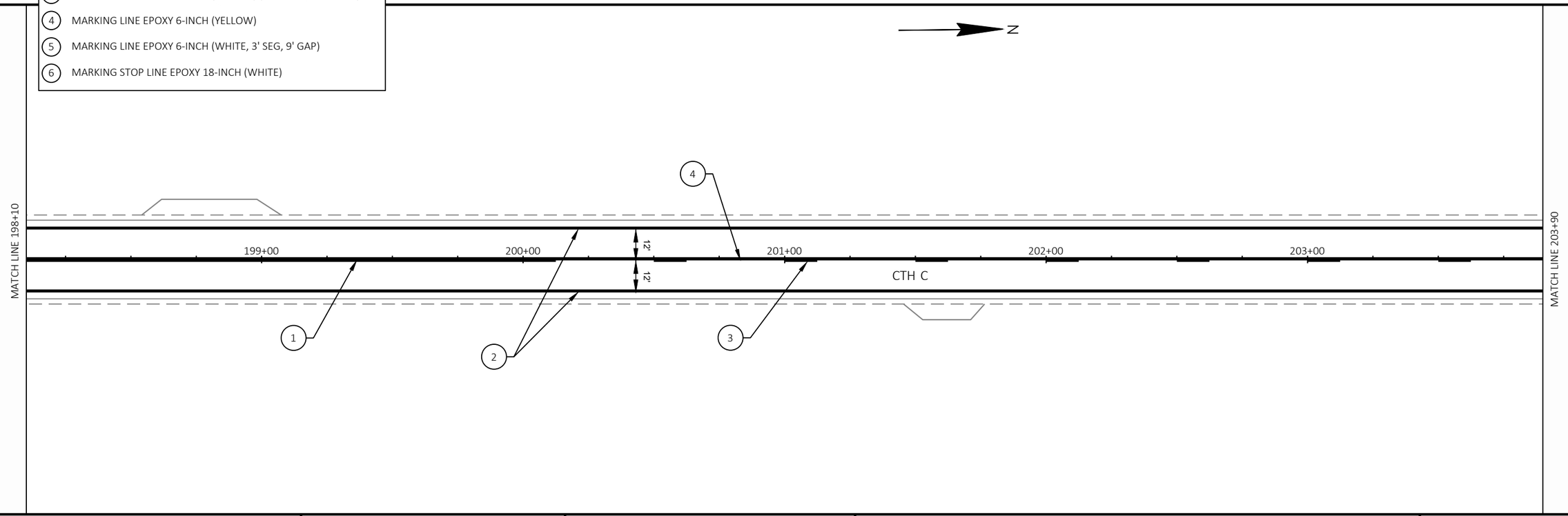
FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM7
PLOT DATE : 7/8/2025 10:38 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2



LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

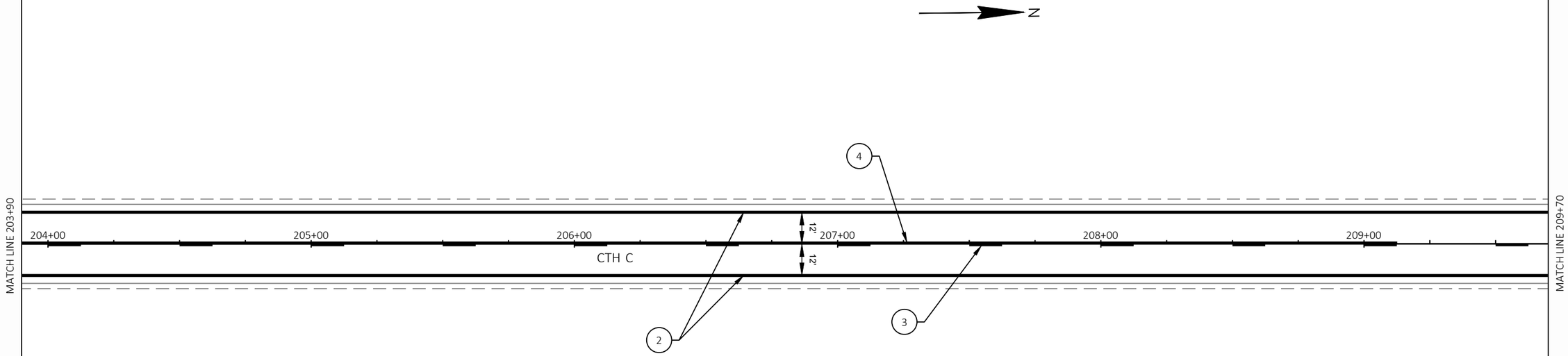


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 58	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM8

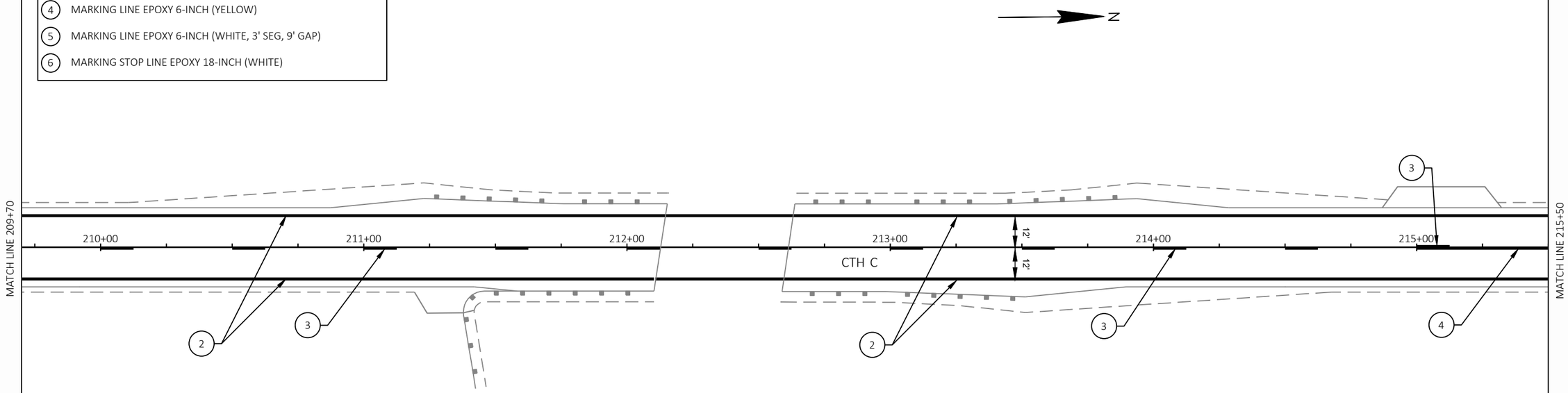
PLOT DATE : 7/8/2025 10:38 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 59	E

2

2

N

MATCH LINE 215+50

216+00

217+00

218+00

12'

12'

CTH C

219+00

220+00

221+00

MATCH LINE 221+30

3

2

4

LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

N

POTTS LANE

5

3

MATCH LINE 221+30

222+00

223+00

224+00

225+00

226+00

227+00

MATCH LINE 227+10

12'

12'

CTH C

1

2

4

STA. 223+91.17 CTH C =
STA. 800+00.00 POTTS LANE
STA. 800+00.00 FAGER LANE

FAGER LANE

801+00

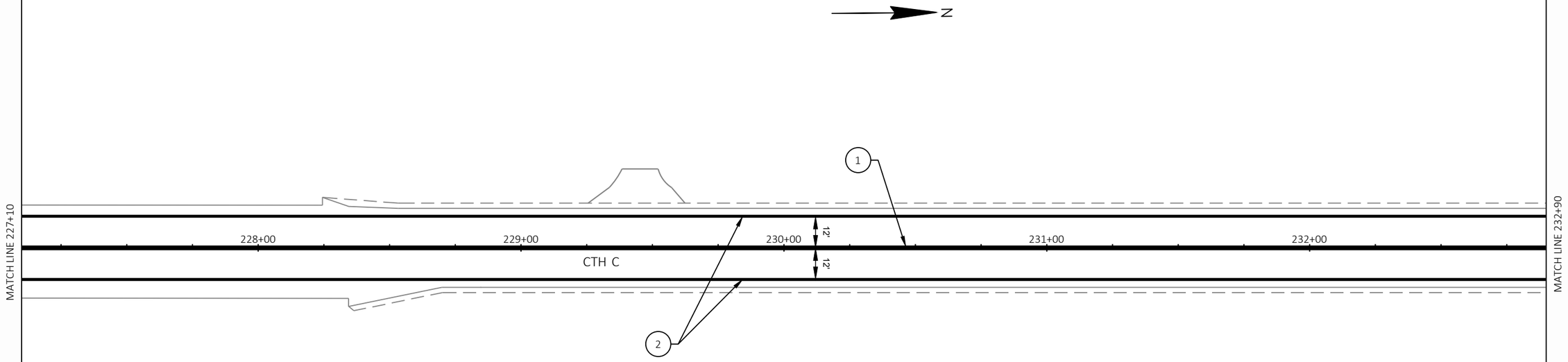
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 60	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - PM10

PLOT DATE : 7/8/2025 10:39 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:40 FT

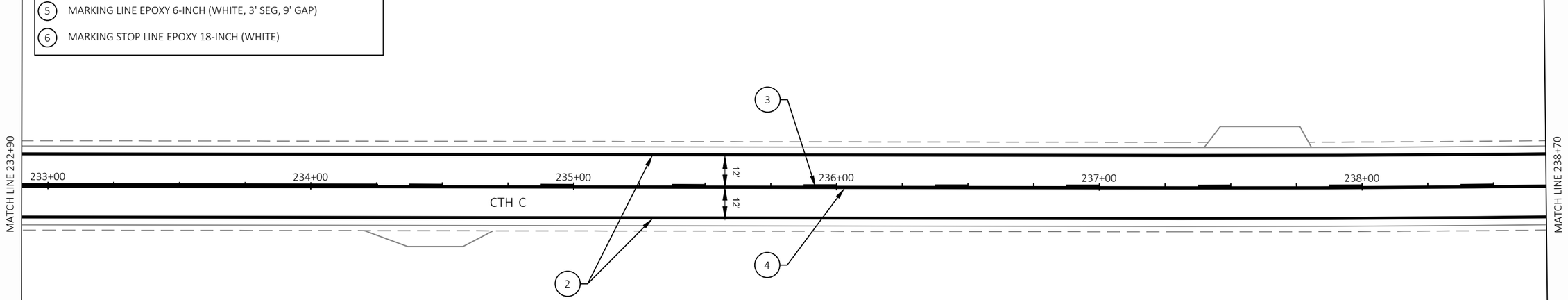
WISDOT/CADDS SHEET 44

2

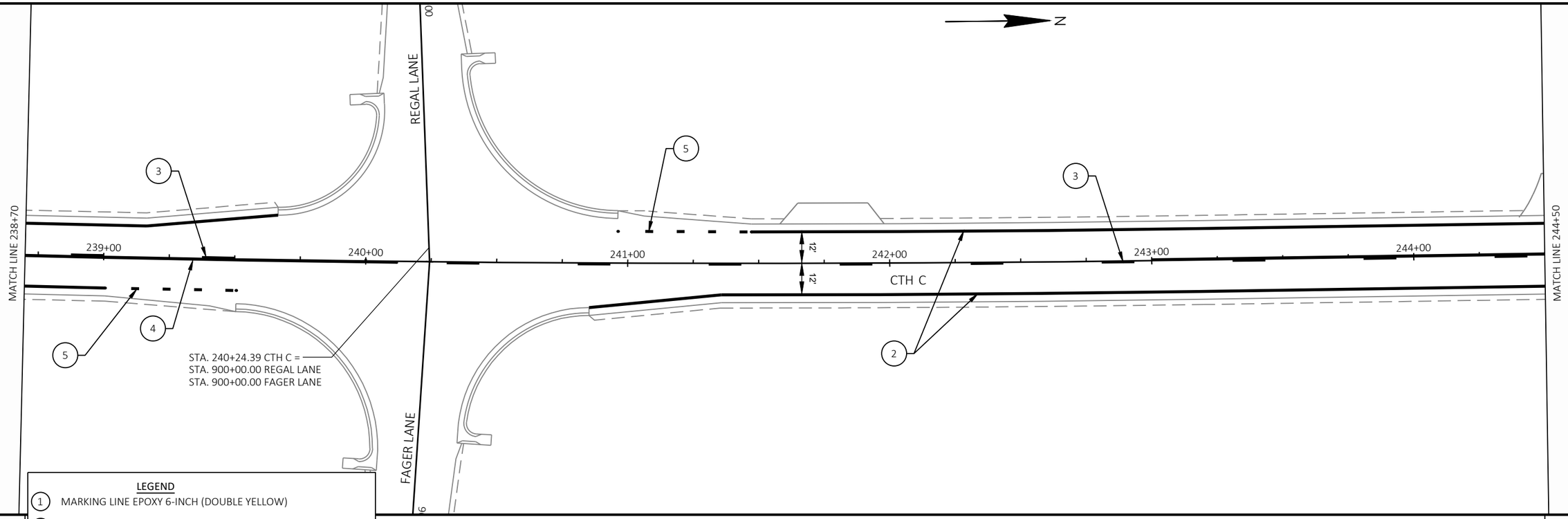


LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

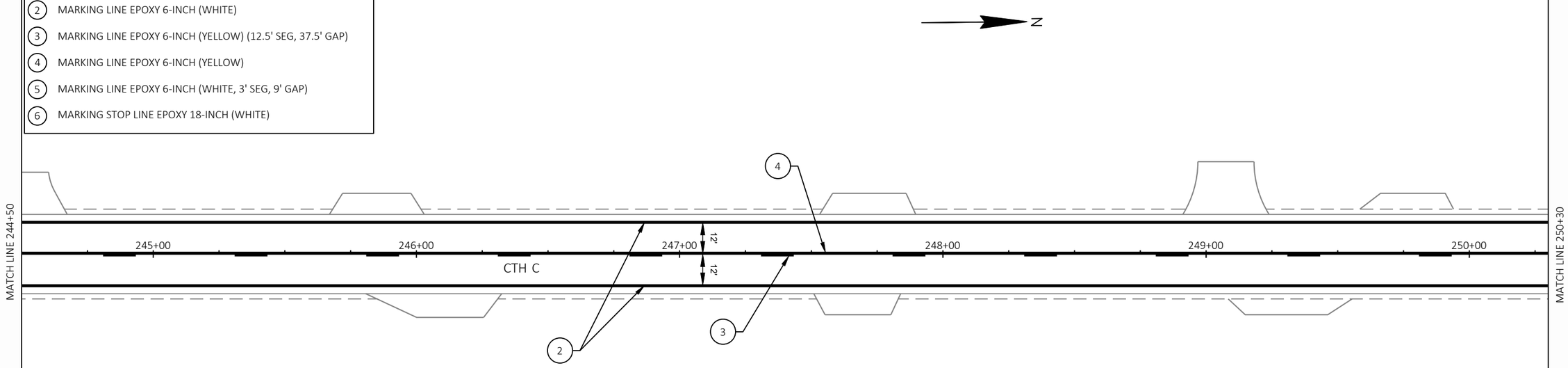


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 61	E

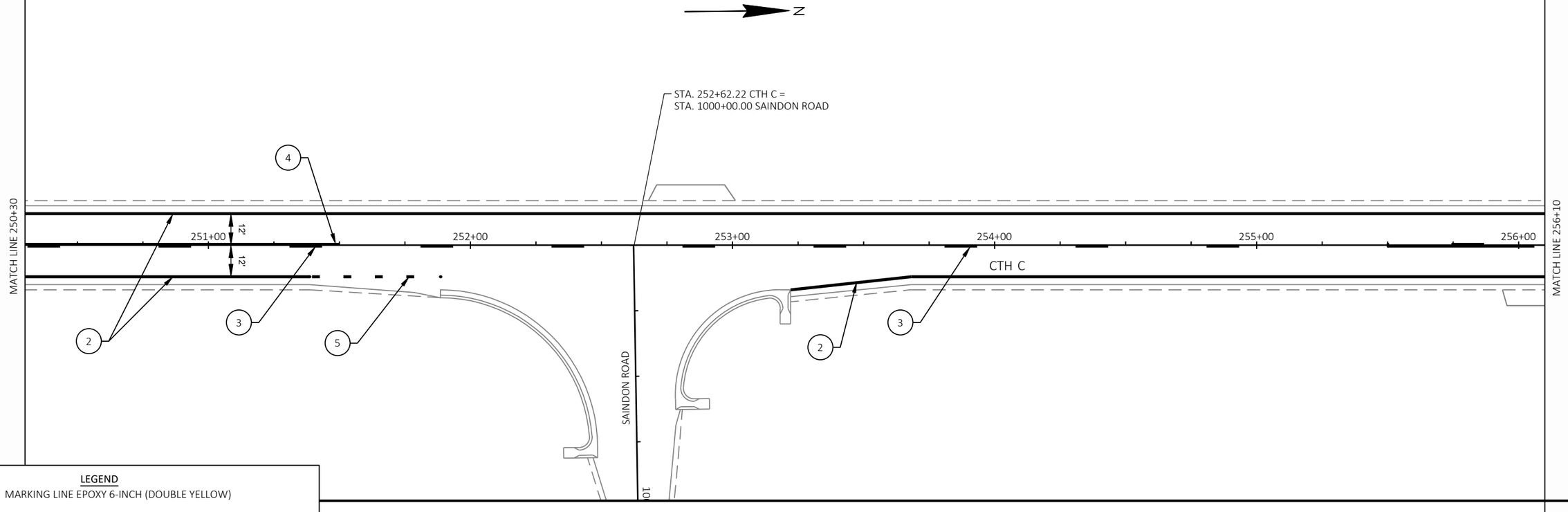


LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

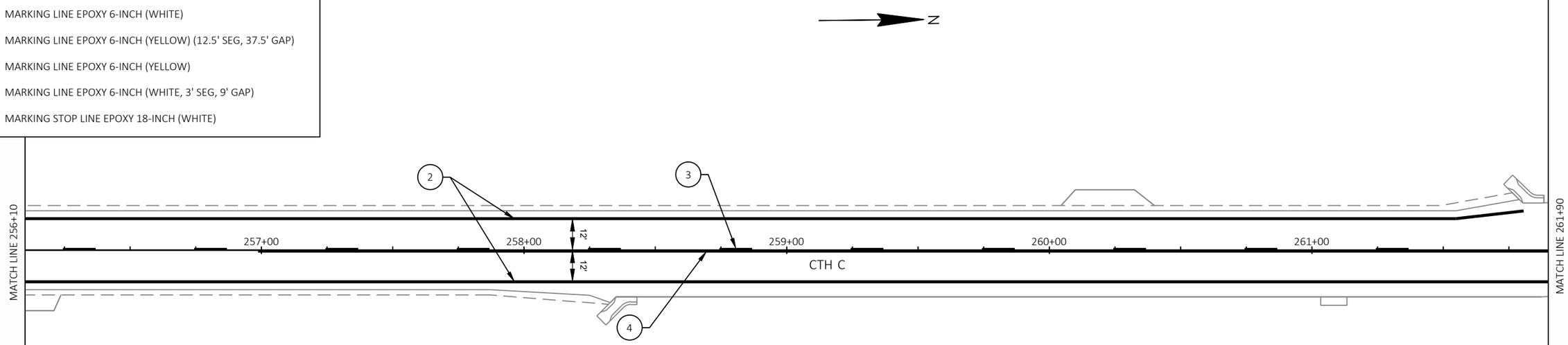


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 62	E



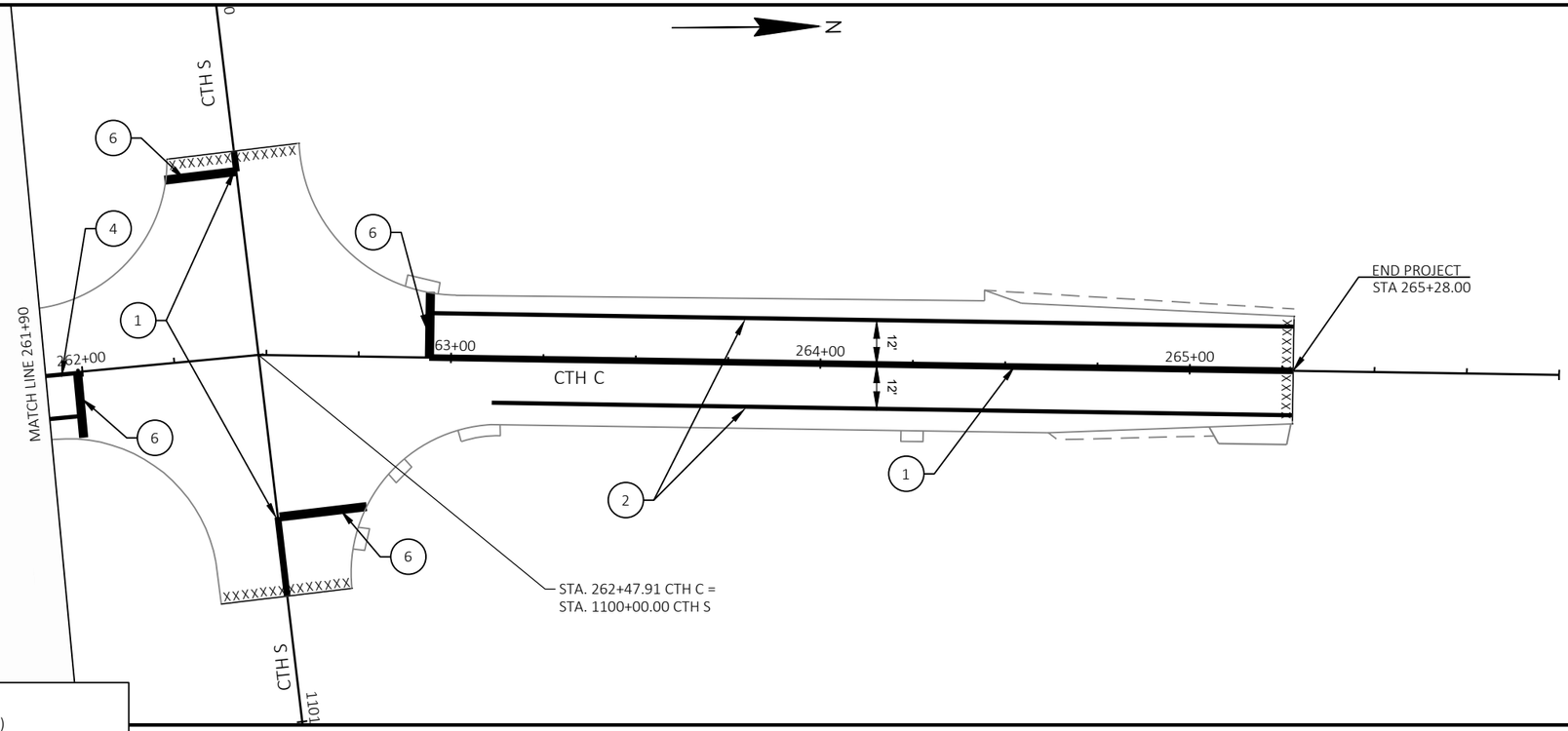
LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 63	E

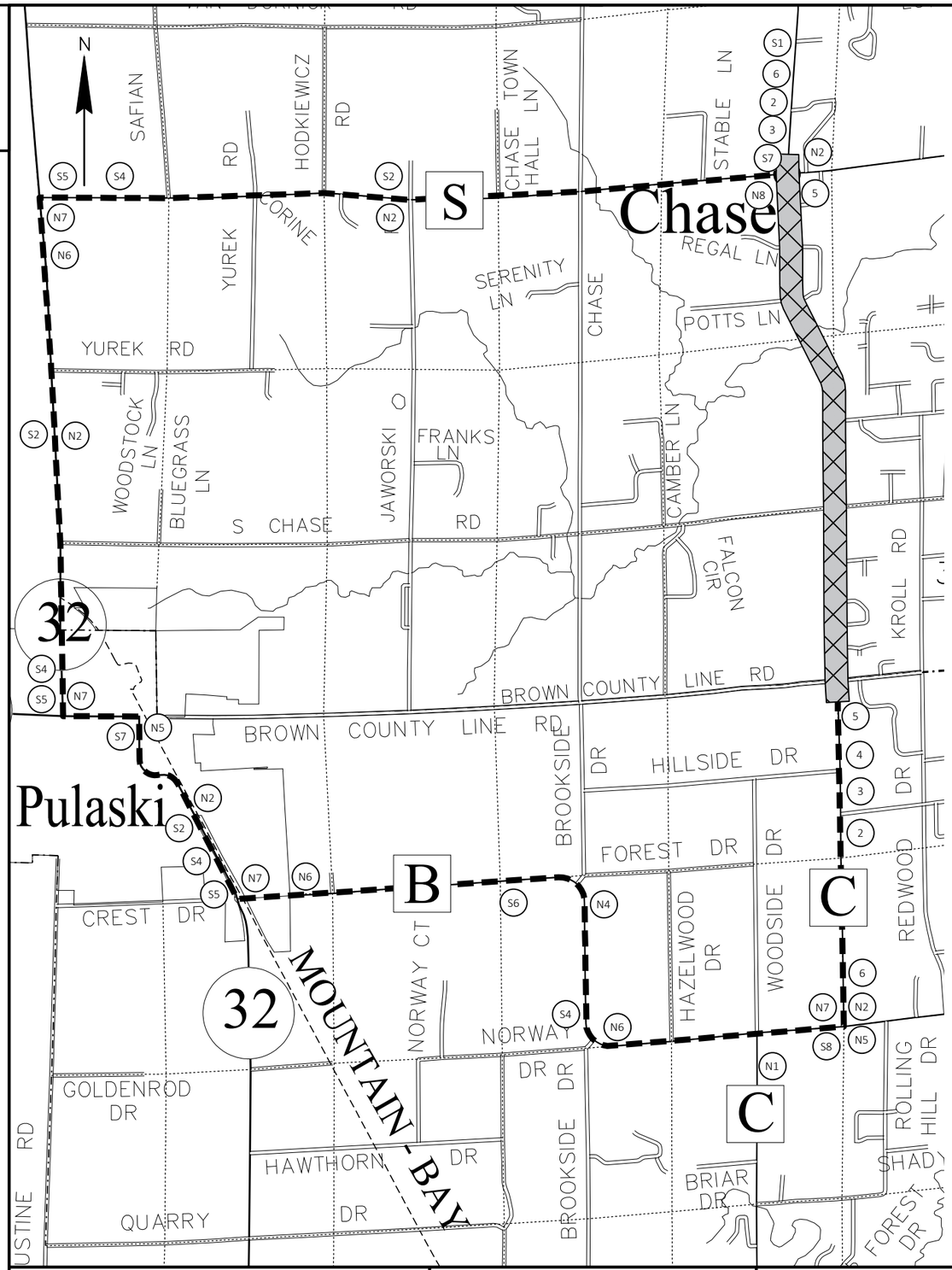
2



LEGEND

1. MARKING LINE EPOXY 6-INCH (DOUBLE YELLOW)
2. MARKING LINE EPOXY 6-INCH (WHITE)
3. MARKING LINE EPOXY 6-INCH (YELLOW) (12.5' SEG, 37.5' GAP)
4. MARKING LINE EPOXY 6-INCH (YELLOW)
5. MARKING LINE EPOXY 6-INCH (WHITE, 3' SEG, 9' GAP)
6. MARKING STOP LINE EPOXY 18-INCH (WHITE)

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PAVEMENT MARKINGS	SHEET 64	E



N1 — NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24" / DETOUR AHEAD W20-2A

N2 — DETOUR M4-8 24"X12" / NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24" / MO6-1 21"X21"

N3 — DETOUR M4-8 24"X12" / NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24"

N4 — DETOUR M4-8 24"X12" / NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24" / MO5-1L 21"X21"

N5 — DETOUR M4-8 24"X12" / NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24" / MO6-1 21"X21"

N6 — DETOUR M4-8 24"X12" / NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24" / MO5-1R 21"X21"

N7 — DETOUR M4-8 24"X12" / NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24" / MO6-1 21"X21"

N8 — END DETOUR M4-8A 24"X18" / NORTH M3-1 24"X12" / COUNTY C M1-5A 24"X24"

S1 — SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24" / DETOUR AHEAD W20-2A

S2 — DETOUR M4-8 24"X12" / SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24" / MO6-1 21"X21"

S3 — DETOUR M4-8 24"X12" / SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24"

S4 — DETOUR M4-8 24"X12" / SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24" / MO5-1L 21"X21"

S5 — DETOUR M4-8 24"X12" / SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24" / MO6-1 21"X21"

S6 — DETOUR M4-8 24"X12" / SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24" / MO5-1R 21"X21"

S7 — DETOUR M4-8 24"X12" / SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24" / MO6-1 21"X21"

S8 — END DETOUR M4-8A 24"X18" / SOUTH M3-3 24"X12" / COUNTY C M1-5A 24"X24"

1 — DETOUR AHEAD W20-2A

2 — ROAD CLOSED 1000 FT W20-3C

3 — ROAD CLOSED 500 FT W20-3D

4 — ROAD CLOSED AHEAD W20-3A

5 — R11-4 60" X 30" — ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

6 — R11-3 60" X 30" — ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY — TYPE III BARRICADE

LEGEND:

DETOUR ROUTE

PROJECT AREA

DETOUR PLAN NOTES:

PORTABLE CHANGEABLE MESSAGE BOARDS MUST BE PLACED ALONG NORTHBOUND/SOUTHBOUND CTH C APPROACHES TO PROJECT AREA 7 DAYS PRIOR TO DETOUR. USE THE FOLLOWING MESSAGE.

1ST FRAME	2ND FRAME
ROAD	BEGINNING
TO	<DATE>
CLOSE	

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATIONS OF THE DETOUR SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES.

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.

ALL EXISTING SIGN MESSAGES THAT CONFLICT WITH TRAFFIC CONTROL DETOUR SIGNS SHALL BE COVERED OR REMOVED.

SEE SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES" & "DETOUR SIGNING FOR MAINLINE CLOSURES" FOR SIGN SPACING AND LOCATIONS

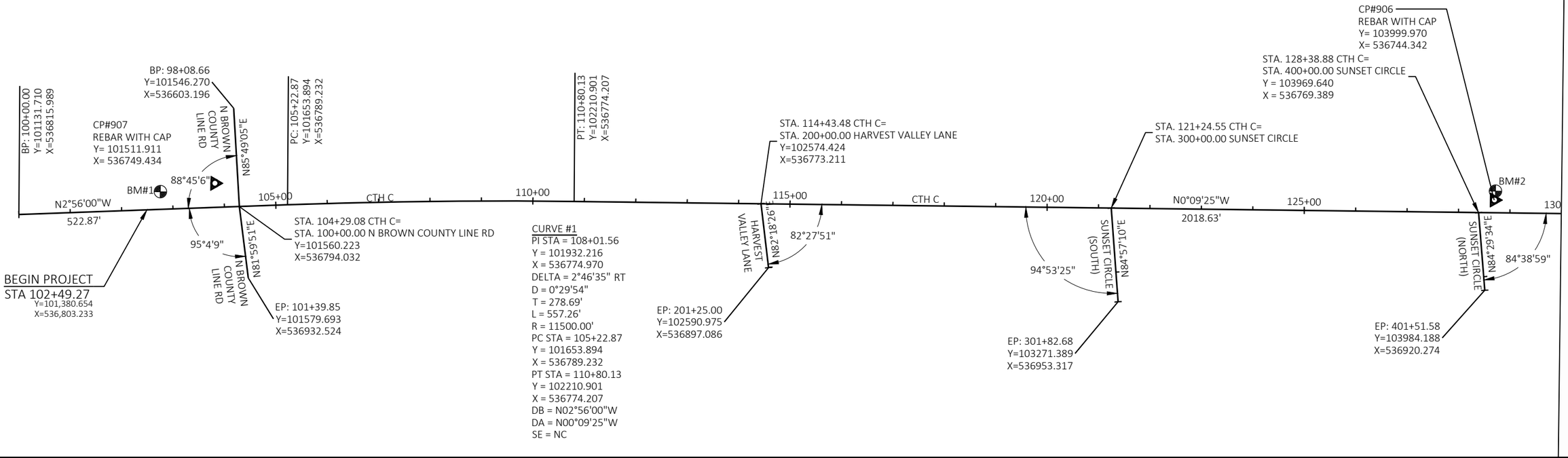
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

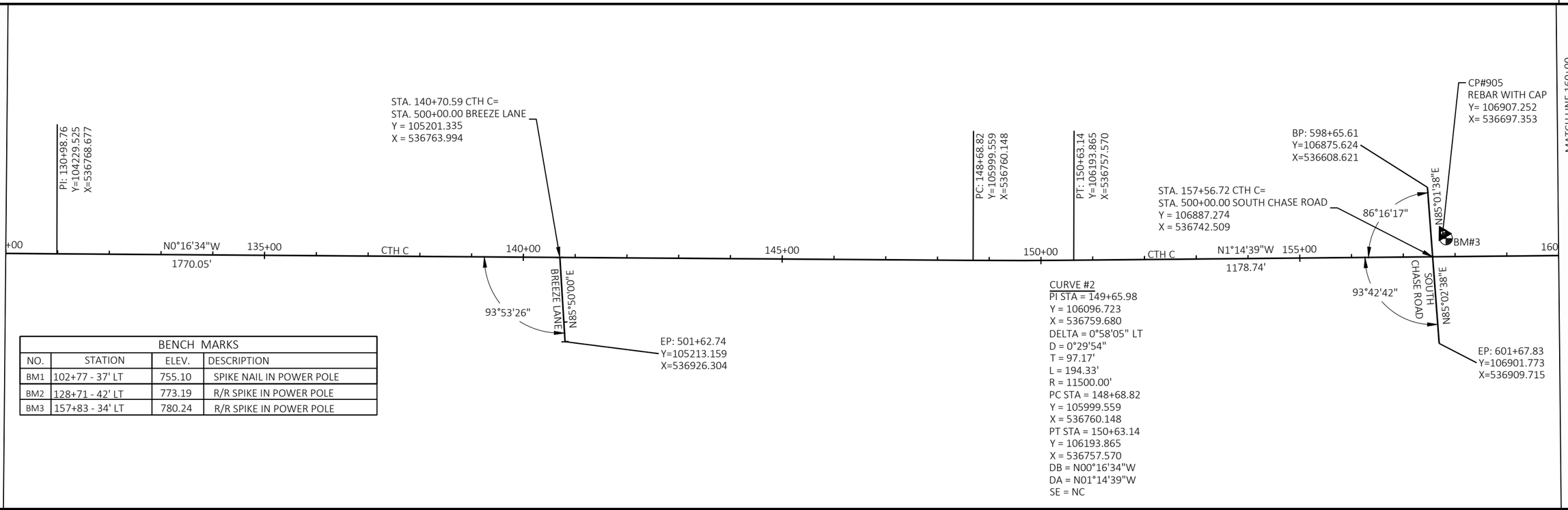
ALL M3 SERIES SIGNS WHICH ARE PART OF THE DETOUR ROUTE MARKING SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND

ALL SIGNS TO BE 48" X 48" UNLESS OTHERWISE NOTED

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	DETOUR PLAN	SHEET 65	E

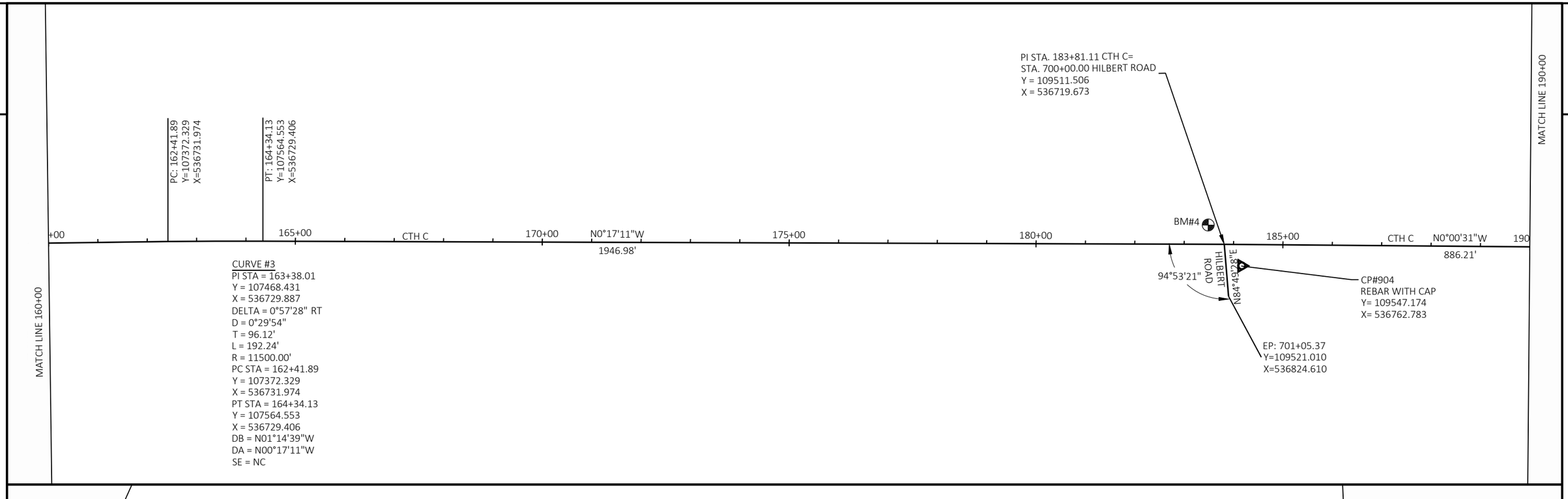
FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - DETOUR
PLOT DATE : 6/17/2025 1:48 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1IN: 0.75 MI
WISDOT/CADDS SHEET 42





BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
BM1	102+77 - 37' LT	755.10	SPIKE NAIL IN POWER POLE
BM2	128+71 - 42' LT	773.19	R/R SPIKE IN POWER POLE
BM3	157+83 - 34' LT	780.24	R/R SPIKE IN POWER POLE

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	ALIGNMENT DIAGRAM	SHEET 66	E



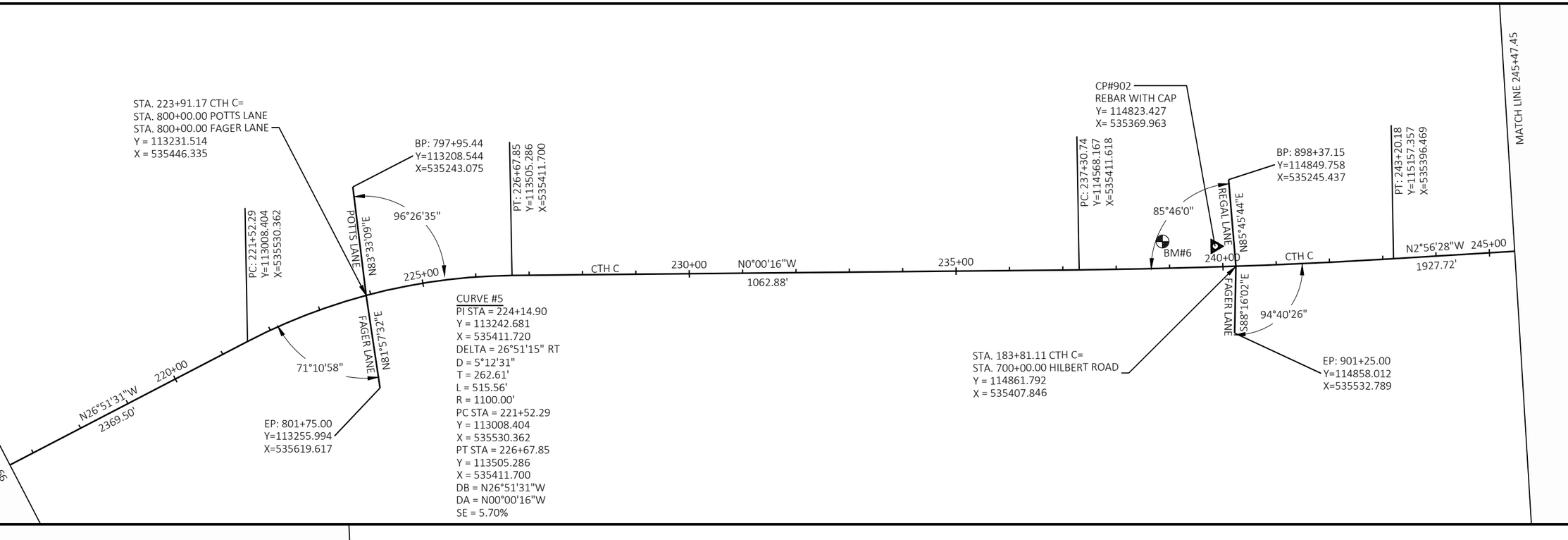
BENCH MARKS

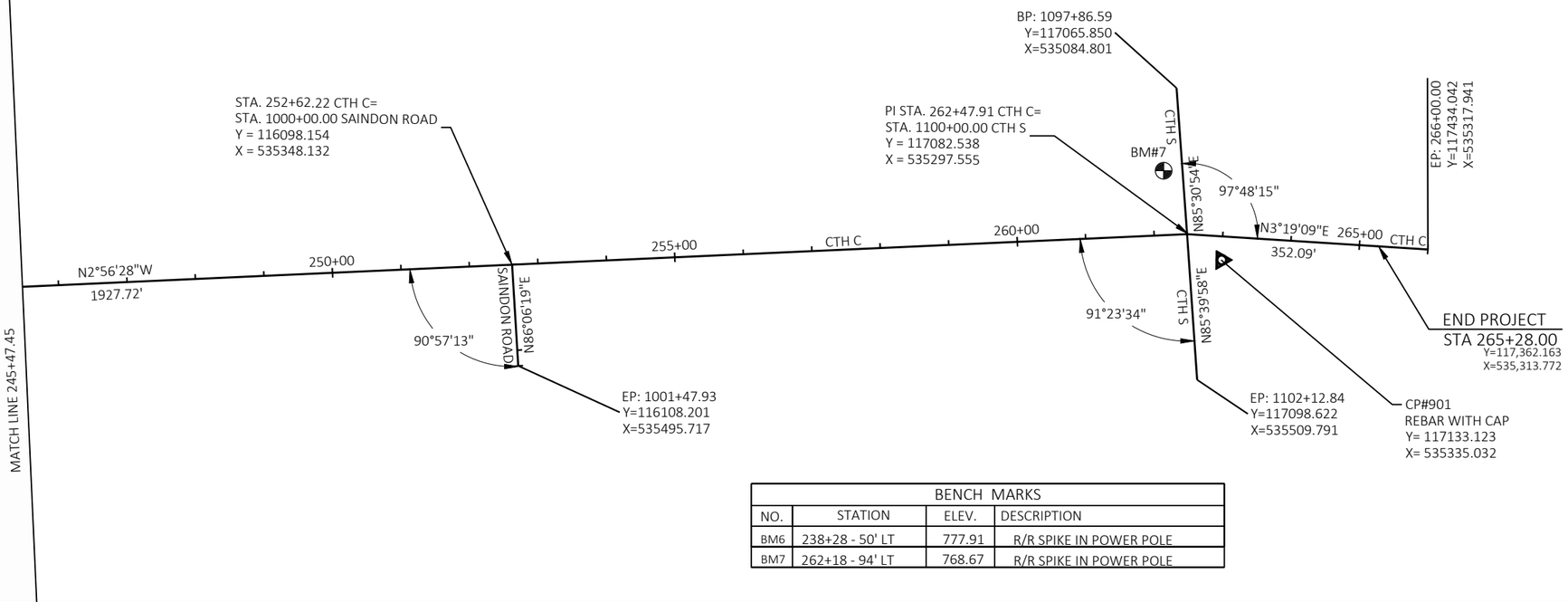
NO.	STATION	ELEV.	DESCRIPTION
BM4	183+48 - 39' LT	777.73	R/R SPIKE IN POWER POLE
BM5	212+09 - 19'RT	726.41	WDOT DISK IN SE WINGWALL

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	ALIGNMENT DIAGRAM	SHEET 67	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - Alignment Diagram2

PLOT DATE : 7/11/2025 10:09 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:200 FT





BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
BM6	238+28 - 50' LT	777.91	R/R SPIKE IN POWER POLE
BM7	262+18 - 94' LT	768.67	R/R SPIKE IN POWER POLE

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	ALIGNMENT DIAGRAM	SHEET 68	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - Alignment Diagram3

PLOT DATE : 7/11/2025 10:09 AM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:200 FT

Estimate Of Quantities

9095-10-71

Line	Item	Item Description	Unit	Total	Qty
0002	201.0205	Grubbing	STA	6.000	6.000
0004	201.0220	Grubbing	ID	5.000	5.000
0006	203.0100	Removing Small Pipe Culverts	EACH	14.000	14.000
0008	204.0110	Removing Asphaltic Surface	SY	859.000	859.000
0010	204.0150	Removing Curb & Gutter	LF	86.000	86.000
0012	204.0190	Removing Surface Drains	EACH	6.000	6.000
0014	205.0100	Excavation Common	CY	4,400.000	4,400.000
0016	205.0400	Excavation Marsh	CY	200.000	200.000
0018	208.0100	Borrow	CY	618.000	618.000
0020	209.2100	Backfill Granular Grade 2	CY	6,214.000	6,214.000
0022	213.0100	Finishing Roadway (project) 01. 9095-10-71	EACH	1.000	1.000
0024	305.0110	Base Aggregate Dense 3/4-Inch	TON	3,265.000	3,265.000
0026	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	5,345.000	5,345.000
0028	311.0110	Breaker Run	TON	180.000	180.000
0030	325.0100	Pulverize and Relay	SY	53,880.000	53,880.000
0032	374.1020.S	QMP Pulverize and Relay Compaction	SY	53,880.000	53,880.000
0034	416.0610	Drilled Tie Bars	EACH	44.000	44.000
0036	455.0605	Tack Coat	GAL	4,246.000	4,246.000
0038	460.2000	Incentive Density HMA Pavement	DOL	10,097.000	10,097.000
0040	460.5223	HMA Pavement 3 LT 58-28 S	TON	8,760.000	8,760.000
0042	460.5244	HMA Pavement 4 LT 58-34 S	TON	7,008.000	7,008.000
0044	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	144.000	144.000
0046	465.0315	Asphaltic Flumes	SY	170.000	170.000
0048	522.0118	Culvert Pipe Reinforced Concrete Class III 18-Inch	LF	136.000	136.000
0050	522.0124	Culvert Pipe Reinforced Concrete Class III 24-Inch	LF	746.000	746.000
0052	522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	58.000	58.000
0054	522.0512	Culvert Pipe Reinforced Concrete Class V 12-Inch	LF	48.000	48.000
0056	522.1012	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH	2.000	2.000
0058	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	4.000	4.000
0060	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	19.000	19.000
0062	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	2.000	2.000
0064	601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	1,960.000	1,960.000
0066	606.0200	Riprap Medium	CY	8.000	8.000
0068	611.0430	Reconstructing Inlets	EACH	5.000	5.000
0070	611.0615	Inlet Covers Type F	EACH	5.000	5.000
0072	614.0920	Salvaged Rail	LF	536.000	536.000
0074	614.2300	MGS Guardrail 3	LF	328.000	328.000
0076	614.2350	MGS Guardrail Short Radius	LF	14.000	14.000
0078	614.2500	MGS Thrie Beam Transition	LF	157.600	157.600
0080	614.2610	MGS Guardrail Terminal EAT	EACH	5.000	5.000
0082	614.2630	MGS Guardrail Short Radius Terminal	EACH	1.000	1.000
0084	618.0100	Maintenance and Repair of Haul Roads (project) 01. 9095-10-71	EACH	1.000	1.000
0086	619.1000	Mobilization	EACH	1.000	1.000
0088	624.0100	Water	MGAL	221.000	221.000
0090	625.0100	Topsoil	SY	34,805.000	34,805.000
0092	628.1504	Silt Fence	LF	4,160.000	4,160.000
0094	628.1520	Silt Fence Maintenance	LF	4,160.000	4,160.000
0096	628.1905	Mobilizations Erosion Control	EACH	5.000	5.000
0098	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000

9095-10-71

Line	Item	Item Description	Unit	Total	Qty
0100	628.2002	Erosion Mat Class I Type A	SY	33,735.000	33,735.000
0102	628.2008	Erosion Mat Urban Class I Type B	SY	1,070.000	1,070.000
0104	628.7015	Inlet Protection Type C	EACH	6.000	6.000
0106	628.7504	Temporary Ditch Checks	LF	40.000	40.000
0108	628.7555	Culvert Pipe Checks	EACH	52.000	52.000
0110	628.7570	Rock Bags	EACH	300.000	300.000
0112	629.0210	Fertilizer Type B	CWT	23.000	23.000
0114	630.0130	Seeding Mixture No. 30	LB	980.000	980.000
0116	630.0140	Seeding Mixture No. 40	LB	655.000	655.000
0118	630.0200	Seeding Temporary	LB	950.000	950.000
0120	630.0500	Seed Water	MGAL	615.000	615.000
0122	633.5200	Markers Culvert End	EACH	28.000	28.000
0124	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	20.000	20.000
0126	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	29.000	29.000
0128	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	5.000	5.000
0130	637.2210	Signs Type II Reflective H	SF	252.970	252.970
0132	637.2220	Signs Type II Reflective SH	SF	13.340	13.340
0134	637.2230	Signs Type II Reflective F	SF	101.910	101.910
0136	638.2602	Removing Signs Type II	EACH	80.000	80.000
0138	638.3000	Removing Small Sign Supports	EACH	54.000	54.000
0140	642.5201	Field Office Type C	EACH	1.000	1.000
0142	643.0300	Traffic Control Drums	DAY	1,500.000	1,500.000
0144	643.0420	Traffic Control Barricades Type III	DAY	4,125.000	4,125.000
0146	643.0705	Traffic Control Warning Lights Type A	DAY	4,500.000	4,500.000
0148	643.0900	Traffic Control Signs	DAY	13,575.000	13,575.000
0150	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0152	643.5000	Traffic Control	EACH	1.000	1.000
0154	645.0120	Geotextile Type HR	SY	22.000	22.000
0156	646.2020	Marking Line Epoxy 6-Inch	LF	46,693.000	46,693.000
0158	646.6120	Marking Stop Line Epoxy 18-Inch	LF	79.000	79.000
0160	650.5000	Construction Staking Base	LF	17,554.000	17,554.000
0162	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	1,960.000	1,960.000
0164	650.6000	Construction Staking Pipe Culverts	EACH	14.000	14.000
0166	650.9911	Construction Staking Supplemental Control (project) 01. 9095-10-71	EACH	1.000	1.000
0168	650.9920	Construction Staking Slope Stakes	LF	17,554.000	17,554.000
0170	680.0100	Public Land Reference Monument Verify and Reset	EACH	5.000	5.000
0172	690.0150	Sawing Asphalt	LF	1,185.000	1,185.000
0174	690.0250	Sawing Concrete	LF	66.000	66.000
0176	740.0440	Incentive IRI Ride	DOL	12,508.000	12,508.000
0178	999.2100.S	Installing and Maintaining Climbing Turtle Exclusion Fence	LF	1,480.000	1,480.000
0180	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,000.000	2,000.000
0182	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	1,320.000	1,320.000
0184	SPV.0180	Special 01. Removing Excess Pulverized Material	SY	8,035.000	8,035.000

GRUBBING SUMMARY

STATION	TO	STATION	LOCATION	201.0205 GRUBBING STA	201.0220 GRUBBING ID
127+50	-	128+50	CTH C	--	5
172+25	-	174+25	CTH C	3	--
220+00	-	223+00	CTH C	3	--
			TOTAL 0010:	6	5

REMOVING ASPHALTIC SURFACE

STATION	LOCATION	204.0110 REMOVING ASPHLATIC SURFACE SY
103+40	CTH C RT	20
109+79	CTH C LT	51
111+31	CTH C LT	50
113+75	CTH C LT	58
123+20	CTH C LT	42
132+28	CTH C RT	30
133+36	CTH C RT	24
146+34	CTH C RT	25
149+89	CTH C RT	29
170+43	CTH C LT	30
176+11	CTH C RT	24
178+37	CTH C RT	25
179+56	CTH C RT	39
180+64	CTH C RT	29
190+54	CTH C RT	62
215+09	CTH C LT	35
237+61	CTH C LT	32
241+71	CTH C LT	30
244+55	CTH C LT	31
245+85	CTH C LT	28
246+13	CTH C RT	39
247+72	CTH C LT	26
247+68	CTH C RT	29
249+08	CTH C LT	56
265+17	CTH C RT	11
249+05	BROWN COUNTY LINE RT	4
	TOTAL 0010:	859

REMOVING SMALL PIPE CULVERTS

STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
104+82	CTH C	1	24" CMP - 74'
112+11	CTH C	1	24" CMP - 64'
124+60	CTH C	1	18" CMP - 62'
139+21	CTH C	1	24" CMP - 77'
171+21	CTH C	1	24" CMP - 61'
191+01	CTH C	1	24" CMP - 67'
233+48	CTH C	1	24" CMP - 72'
254+17	CTH C	1	36" CMP - 71'
261+07	CTH C	1	12" CMP - 54'
200+32	HARVEST VALLEY LANE	1	18" CMP - 64'
300+25	SUNSET CIRCLE (SOUTH)	1	18" CMP - 64'
400+35	SUNSET CIRCLE (NORTH)	1	18" CMP - 64'
500+41	BREEZE LANE	1	24" CMP - 62'
799+38	POTTS LANE	1	24" CMP - 130'
	TOTAL 0010:	14	

REMOVAL SUMMARY

STATION	TO	STATION	LOCATION	204.0150 REMOVING CURB AND GUTTER LF	204.0190 REMOVING SURFACE DRAINS EACH
		156+00	CTH C RT	4	---
		157+19	CTH C LT	6	---
		157+42	CTH C RT	6	---
		157+88	CTH C RT	6	---
		159+01	CTH C RT	16	---
		160+33	CTH C LT	---	1
		160+76	CTH C RT	---	1
		226+39	CTH C LT & RT	---	2
		258+37	CTH C RT	---	1
		261+08	CTH C RT	10	---
		261+83	CTH C LT	---	1
		262+78	CTH C RT	6	---
		262+87	CTH C RT	6	---
		262+92	CTH C LT	9	---
		263+08	CTH C RT	11	---
		264+25	CTH C RT	6	---
			TOTAL 0010:	86	6

EARTHWORK SUMMARY

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	205.0400 MARSH EXCAVATION (6)	REDUCED MARSH IN FILL (8) FACTOR 1.00	REDUCED EBS IN FILL (9) FACTOR 1.00	EXPANDED MARSH BACKFILL (10) FACTOR 1.00	EXPANDED EBS BACKFILL (11) FACTOR 1.00	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	208.0100 BORROW	311.0110 BREAKER RUN TON
DIVISION 1																
CTH C	102+50/265+28		761	100	803	-42	200	200	50	200	50	3,261	3,764	-3,806		180
CULVERT PIPES	102+50/265+28		3,420	0	0	3,420	0	0	0	0	0	0	0	3,420		0
DIVISION 1 SUBTOTAL			4,181	100		3,378	200	200	50	200	50	3,261	3,764	-386	386	180
DIVISION 2																
HARVEST VALLEY	200+20/201+12.32		1	0	0	1	0	0	0	0	0	17	21	-20		0
DIVISION 2 SUBTOTAL			1	0	0	1	0	0	0	0	0	17	21	-20	20	0
DIVISION 3																
HILBERT	700+20/700+96.32		37	0	0	37	0	0	0	0	0	2	3	34		0
DIVISION 3 SUBTOTAL			37	0	0	37	0	0	0	0	0	2	3	34	-34	0
DIVISION 4																
N BROWN LINE	100+20/101+34.76		22	0	0	22	0	0	0	0	0	6	8	14		0
N BROWN LINE	98+56.574/99+80		4	0	0	4	0	0	0	0	0	9	11	-7		0
DIVISION 4 SUBTOTAL			26	0	0	26	0	0	0	0	0	15	19	7	-7	0
DIVISION 5																
POTTS-FAGER	798+63.281/799+80		14	0	0	14	0	0	0	0	0	6	8	6		0
POTTS-FAGER	800+20/801+50.12		18	0	0	18	0	0	0	0	0	27	34	-16		0
DIVISION 5 SUBTOTAL			32	0	0	32	0	0	0	0	0	33	41	-10	10	0
DIVISION 6																
REGAL-FAGER	898+78.12/899+80		5	0	0	5	0	0	0	0	0	10	13	-8		0
REGAL-FAGER	900+20/901+21.70		9	0	0	9	0	0	0	0	0	20	25	-15		0
DIVISION 6 SUBTOTAL			14	0	0	14	0	0	0	0	0	30	38	-23	23	0
DIVISION 7																
SAINDON	1000+20/1001+03.16		2	0	0	2	0	0	0	0	0	24	30	-28		0
DIVISION 7 SUBTOTAL			2	0	0	2	0	0	0	0	0	24	30	-28	28	0
DIVISION 8																
SUNSET NORTH	400+20/401+15.32		1	0	0	1	0	0	0	0	0	38	48	-47		0
DIVISION 8 SUBTOTAL			1	0	0	1	0	0	0	0	0	38	48	-47	47	0
DIVISION 9																
SUNSET SOUTH	300+20/301+32.82		4	0	0	4	0	0	0	0	0	29	36	-32		0
DIVISION 9 SUBTOTAL			4	0	0	4	0	0	0	0	0	29	36	-32	32	0
DIVISION 10																
BREEZE LANE	500+20/501+27.12		2	0	0	2	0	0	0	0	0	92	115	-113		0
DIVISION 10 SUBTOTAL			2	0	0	2	0	0	0	0	0	92	115	-113	113	0
GRAND TOTAL			4,300	100	803	77	200	200	50	200	50	3,541	4,114	-618	618	180
TOTAL COMMON EXC			4,400													

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
(3) EBS EXCAVATION TO BE BACKFILLED WITH BREAKER RUN MATERIAL.
(9) REDUCED EBS IN FILL - EXCAVATED EBS MATERIAL IS USUABLE IN FILLS OUTSIDE THE 1:1 SLOPE. EBS IN FILL REDUCTION FACTOR = X.2X
(11) EXPANDED EBS BACKFILL - THIS IS TO BE FILLED WITH BREAKER RUN MATERIAL.
(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

3

AGGREGATE SUMMARY

STATION	TO	STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	325.0100 PULVERIZE AND RELAY SY	374.1020.S QMP PULVERIZE AND RELAY COMPACTION SY	209.2100 GRANULAR BACKFILL GRADE 2 CY	624.0100 WATER MGAL
102+00	-	158+00	CTH C	630	830	15,920	15,920	80	54
158+00	-	212+12	CTH C	1,315	805	15,100	15,100	--	59
212+61	-	265+11	CTH C	555	780	15,870	15,870	320	53
			BROWN COUNTY LINE	5	---	1,060	1,060	---	3
			HARVEST VALLEY LANE	10	---	370	370	--	1
			SUNSET CIRCLE (SOUTH)	15	---	335	335	--	1
			SUNSET CIRCLE (NORTH)	20	---	320	320	--	1
			BREEZE LANE	30	---	315	315	--	1
			SOUTH CHASE ROAD	---	---	650	650	---	2
			HILBERT ROAD	---	---	370	370	---	1
			POTTS LANE/FAGER LANE	70	---	1,035	1,035	--	3
			REGAL LANE/FAGER LANE	40	---	830	830	---	2
			SAINDON ROAD	15	---	335	335	---	1
			CTH S	---	---	510	510	---	1
			DRIVEWAYS	---	690	860	860	---	9
			CULVERT PIPES	2,500	--	--	--	5,814	25
			UNDISTRIBUTED	140	160	---	---	---	3
			TOTAL 0010:	5,345	3,265	53,880	53,880	6,214	221

HMA PAVEMENT SUMMARY

STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 (LOWER) TON	460.5244 HMA PAVEMENT 4 LT 58-34 (UPPER) TON
100+00	-	158+00	CTH C	1,337	2,673	2,139
158+00	-	212+12	CTH C	1,282	2,564	2,051
212+12	-	265+11	CTH C	1,293	2,585	2,068
			BROWN COUNTY LINE	51	143	115
			HARVEST VALLEY LANE	21	59	47
			SUNSET CIRCLE (SOUTH)	21	60	48
			SUNSET CIRCLE (NORTH)	24	67	54
			BREEZE LANE	23	65	52
			SOUTH CHASE ROAD	31	86	69
			HILBERT ROAD	19	52	42
			POTTS LANE/FAGER LANE	53	150	120
			REGAL LANE/FAGER LANE	46	129	103
			SANIDON ROAD	20	56	45
			CTH S	25	70	56
			TOTAL 0010:	4,246	8,760	7,008

CULVERT PIPES

STATION	LOCATION	522.0512 CULVERT PIPE REINFORCED CONCRETE CLASS V 12-INCH LF	522.0118 CULVERT PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	522.0124 CULVERT PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	522.0136 CULVERT PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EA	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EA	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EA	522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EA	633.5200 MARKERS CULVERT END EA	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EA	REMARKS INLET	REMARKS DISCHARGE
104+82	CTH C	-	-	68	-	-	-	2	-	2	1	760.14	758.06
112+11	CTH C	-	-	62	-	-	-	1	-	2	1	769.33	765.97
124+60	CTH C	-	50	-	-	-	2	-	-	2	1	767.29	767.11
139+21	CTH C	-	-	72	-	-	-	2	-	2	1	768.87	767.54
171+21	CTH C	-	-	54	-	-	-	2	-	2	1	761.44	760.91
191+01	CTH C	-	-	60	-	-	-	2	-	2	1	771.15	771.15
233+48	CTH C	-	-	64	-	-	-	2	-	2	1	767.05	766.80
254+17	CTH C	-	-	-	58	-	-	-	2	2	1	759.44	759.24
261+07	CTH C	48	-	-	-	2	-	-	-	2	1	764.60	763.34
200+32	HARVEST VALLEY LANE	-	86	-	-	-	2	-	-	2	1	770.26	770.13
300+37	SUNSET CIRCLE (SOUTH)	-	-	78	-	-	-	2	-	2	1	767.99	767.43
400+35	SUNSET CIRCLE (NORTH)	-	-	86	-	-	-	2	-	2	1	768.20	767.70
500+41	BREEZE LANE	-	-	88	-	-	-	2	-	2	1	770.86	770.02
799+38	POTTS LANE	-	-	114	-	-	-	2	-	2	1	748.29	747.31
	TOTAL 0010:	48	136	746	58	2	4	19	2	28	14		

3

ASPHALTIC SURFACE DRIVEWAYS

STATION	LOCATION	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
103+40	CTH C RT	3
109+79	CTH C LT	9
111+31	CTH C LT	8
113+75	CTH C LT	10
123+20	CTH C LT	7
132+28	CTH C RT	5
133+36	CTH C RT	4
146+34	CTH C RT	4
149+89	CTH C RT	5
170+43	CTH C LT	5
176+11	CTH C RT	4
178+37	CTH C RT	4
179+56	CTH C RT	7
180+64	CTH C RT	5
190+54	CTH C RT	10
215+09	CTH C LT	6
237+61	CTH C LT	5
241+71	CTH C LT	5
244+55	CTH C LT	5
245+85	CTH C LT	5
246+13	CTH C RT	7
247+72	CTH C LT	4
247+68	CTH C RT	5
249+08	CTH C LT	9
265+17	CTH C RT	2
249+05	BROWN COUNTY LINE RT	1
	TOTAL 0010:	144

ASPHALTIC FLUMES

STATION	LOCATION	465.0315 ASPHALTIC FLUMES SY
103+62	CTH C	5
103+71	CTH C	5
160+33	CTH C	5
160+76	CTH C	5
223+05	CTH C	5
226+39	CTH C	10
253+18	CTH C	5
258+37	CTH C	5
261+83	CTH C	5
	BROWN COUNTY LINE	15
	HARVEST VALLEY LANE	10
	SUNSET CIRCLE (SOUTH)	15
	SUNSET CIRCLE (NORTH)	15
	BREEZE LANE	10
	HILBERT ROAD	10
	POTTS LANE/FAGER LANE	15
	REGAL LANE/FAGER LANE	20
	SANIDON ROAD	10
	TOTAL 0010:	170

CONCRETE SUMMARY

STATION	LOCATION	601.0557 CONCRETE CURB AND GUTTER 6-INCH, SLOPED 36-INCH TYPE D LF	416.0610 DRILLED TIE BARS * EA
156+00	CTH C RT	4	4
157+19	CTH C LT	6	4
157+42	CTH C RT	6	4
157+88	CTH C RT	6	4
159+01	CTH C RT	16	4
261+08	CTH C RT	10	4
262+78	CTH C RT	6	4
262+87	CTH C RT	6	4
262+92	CTH C LT	9	4
263+08	CTH C RT	11	4
264+25	CTH C RT	6	4
	BROWN COUNTY LINE ROAD	316	---
	HARVEST VALLEY ROAD	158	---
	SUNSET CIRCLE (SOUTH)	159	---
	SUNSET CIRCLE (NORTH)	159	---
	BREEZE LANE	159	---
	HILBERT ROAD	159	---
	POTTS LANE	92	---
	FAGER LANE (SOUTH)	180	---
	REGAL LANE	160	---
	FAGER LANE (NORTH)	168	---
	SAINDON ROAD	164	---
	TOTAL 0010:	1,960	44

NOTE: DRILL TIE BARS WILL BE USED TO CONNECT TO EXISTING CURB

RIPRAP & GEOTEXTILE FABRIC

STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE FABRIC TYPE HR SY
112+11	CTH C	4	11
799+38	POTTS	4	11
	TOTAL 0010:	8	22

STRUCTURE SUMMARY

STATION	LOCATION	611.0430 RECONSTRUCTING INLETS EA	611.0615 INLET COVERS TYPE F EA
157+20	CTH C, LT	1	1
157+44	CTH C	1	1
157+87	CTH C	1	1
262+92	CTH C, LT	1	1
263+07	CTH C, RT	1	1
	TOTAL 0010:	5	5

BEAMGUARD SUMMARY

STATION	TO	STATION	LOCATION	614.0920 SALVAGED RAIL LF	614.2300 MGS GUARDRAIL 3 LF	614.2350 MGS GUARDRAIL SHORT RADIUS LF	614.2500 MGS GUARDRAIL THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EA	614.2630 MGS GUARDRAIL SHORT RADIUS TERMINAL EACH	REMARKS
211+42.46	-	212+10.22	CTH C RT	69.0	53.0	14	39.4	---	1	8-FT RADIUS (2 POST)
211+22.81	-	212+15.30	CTH C LT	68.0	---	---	39.4	1	---	---
212+58.90	-	213+51.39	CTH C RT	69.0	---	---	39.4	1	---	---
212+63.74	-	213+93.73	CTH C LT	68.0	37.5	---	39.4	1	---	---
219+97.19	-	223+37.95	CTH C LT	262.0	237.5	---	---	2	---	---
			TOTAL 0010:	536.0	328.0	14	157.6	5	1	

LANDSCAPING SUMMARY

STATION	TO	STATION	LOCATION	625.0100 TOPSOIL SY	628.2002 EROSION MAT CLASS I TYPE A SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0140 SEEDING MIXTURE NO. 40 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL
102+49	-	158+00	CTH C	10,700	10,700	--	7	290	195	290	180
158+00	-	212+12	CTH C	8,250	8,035	215	5	225	150	215	140
212+12	-	265+15	CTH C	10,055	9,415	640	6	270	180	255	170
			UNDISTRIBUTED	5,800	5,585	215	5	195	130	190	125
			TOTAL 0010:	34,805	33,735	1,070	23	980	655	950	615

EROSION CONTROL SUMMARY

STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATION EACH	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7570 ROCK BAGS EACH	999.2100.S INSTALLING AND MAINTAINING CLIMBING TURTLE EXCLUSION FENCE LF
102+49	-	158+00	CTH C	1,320	1,320			3	---	24	100	430
158+00	-	212+12	CTH C	920	920	5	3	---	---	6	50	280
212+12	-	265+15	CTH C	1,210	1,210			2	30	12	90	560
			UNDISTRIBUTED	710	710			1	10	10	60	210
			TOTAL 0010:	4,160	4,160	5	3	6	40	52	300	1,480

PERMANENT SIGNING SUMMARY

SIGN NO.	STA	LOCATION	SIGN CODE	SIZE	SIGN WORDING & PICTORIALS	634.0614 POSTS WOOD 4X6 INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6 INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6 INCH X 18-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
1	103+66	CTH C, LT	I2-2	54"x15"	BROWN CO	---	1	---	---	---	5.63	--	---	
2	103+76	CTH C, LT	--	--	BROWN CO	---	---	---	1	1	---	--	---	
3	104+04	CTH C, LT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
4	104+07	CTH C, LT	--	--	STOP	---	---	---	1	1	---	--	---	
5	104+60	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
6	104+61	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
7	105+75	CTH C, RT	I2-2	60"X15"	OCONTO CO	---	1	---	---	---	6.25	--	---	
7A	105+75	CTH C, RT	M1-5A	24"X24"	COUNTY C	---	---	---	---	---	4.00	--	---	MOUNT WITH SIGN #7
8	105+79	CTH C, RT	--	--	OCONTO CO, COUNTY C, ALL OCONTO COUNTY TRUNK HIGHWAYS ARE ATV ROUTES UNLESS POSETD, NO ATV TRAFFIC	--	--	--	4	1	--	--	--	
9	106+40	CTH C, LT	D11-10A	36"X36"	ALL OCONTO COUNTY TRUNK HIGHWAYS ARE ATV ROUTES UNLESS POSTED	---	---	1	---	---	9.00	--	---	
9A	106+40	CTH C, LT	R5-51	24"X24"	NO ATV TRAFFIC	---	---	---	---	---	4.00	--	---	MOUNT WITH SIGN #9
10	114+33	CTH C, RT	W14-2	30"X30"	NO OUTLET	---	1	---	---	---	---	--	6.25	
11	114+31	CTH C, RT	--	--	NO OUTLET	---	---	---	1	1	---	--	---	
12	114+74	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
13	114+75	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
14	121+54	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
15	121+50	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
16	128+67	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
17	128+67	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
18	140+55	CTH C, RT	W14-2	30"X30"	NO OUTLET	--	1	--	--	--	--	--	6.25	
19	140+51	CTH C, RT	--	--	NO OUTLET	--	--	--	1	1	--	--	--	
20	140+97	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
21	140+97	CTH C, RT	--	--	STOP	--	--	--	1	1	--	--	--	
22	143+73	CTH C, RT	--	--	SPEED LIMIT 45 AHEAD (ARROW)	--	--	--	1	1	--	--	--	
23	144+00	CTH C, RT	W3-5	36"X36"	SPEED LIMIT 45 AHEAD (ARROW)	---	---	1	---	---	---	--	9.00	
24	151+37	CTH C, LT	--	--	SPEED LIMIT 55	---	---	---	1	1	---	--	---	
25	151+46	CTH C, LT	R2-1	24"X30"	SPEED LIMIT 55	---	1	---	---	---	5.00	--	---	
26	151+47	CTH C, RT	--	--	SPEED LIMIT 45	---	---	---	1	1	---	--	---	
27	151+52	CTH C, RT	R2-1	24"X30"	SPEED LIMIT 45	---	1	---	---	---	5.00	--	---	
28	157+30	CTH C, LT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
29	157+31	CTH C, LT	--	--	STOP	---	---	---	1	1	---	--	---	
30	157+74	CTH C, LT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
31	157+73	CTH C, LT	--	--	STOP	---	---	---	1	1	---	--	---	
32	157+84	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
33	157+83	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
34	163+39	CTH C, LT	R2-1	24"X30"	SPEED LIMIT 45	---	1	---	---	---	5.00	--	---	
35	163+50	CTH C, LT	--	--	SPEED LIMIT 45	--	--	--	1	1	--	--	--	
					SUBTOTAL 0010:	9	7	2	20	17	90.50	0.00	21.50	

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PERMANENT SIGNING SUMMARY

SIGN NO.	STA	LOCATION	SIGN CODE	SIZE	SIGN WORDING & PICTORIALS	634.0614 POSTS WOOD 4X6 INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6 INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6 INCH X 18-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
36	163+55	CTH C, RT	R2-1	24"X30"	SPEED LIMIT 45	---	1	---	---	---	5.00	--	---	
37	163+48	CTH C, RT	--	--	SPEED LIMIT 45	---	---	---	1	1	---	--	---	
38	177+26	CTH C, RT	--	--	SCHOOL ADVANCE (FL. YELLOW GREEN), AHEAD, FINES HIGHER	---	---	---	3	1	---	--	---	
39	180+00	CTH C, RT	S1-1	36"X36"	SCHOOL ADVANCE (FL. YELLOW GREEN)	---	---	1	---	---	---	--	6.75	
39A	180+00	CTH C, RT	S16-9P	24"X12"	AHEAD	---	---	---	---	---	---	--	2.00	MOUNT WITH SIGN #39
39B	180+00	CTH C, RT	R2-6P	24"X18"	FINES HIGHER	---	---	---	---	---	3.00	--	---	MOUNT WITH SIGN #39
40	181+02	CTH C, RT	--	--	SCHOOL SPEED LIMIT (25)	---	---	---	1	1	---	--	---	
41	181+16	CTH C, RT	S4-51	24"X48"	SCHOOL SPEED LIMIT (25)	---	1	---	---	---	---	6.67	1.33	
42	183+00	CTH C, LT	S5-2	24"X30"	END SCHOOL ZONE	--	1	--	--	--	5.00	--	--	
43	184+14	CTH C, LT	--	--	END SCHOOL ZONE	--	--	--	1	1	--	--	--	
44	184+08	CTH C, RT	R1-1	30"X30"	STOP	1	--	--	--	--	5.18	--	--	
45	184+08	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
46	186+18	CTH C, RT	W1-2L	30"X30"	LEFT CURVE	---	1	---	---	---	---	--	6.25	
47	186+25	CTH C, RT	--	--	LEFT CURVE	---	---	---	1	1	---	--	---	
48	194+51	CTH C, RT	--	--	END SCHOOL ZONE	---	---	---	1	1	---	--	---	
49	194+63	CTH C, RT	S5-2	24"X30"	END SCHOOL ZONE	---	1	---	---	---	5.00	--	---	
50	197+25	CTH C, LT	S4-51	24"X30"	SCHOOL SPEED LIMIT (25)	---	1	---	---	---	---	6.67	1.33	
51	197+35	CTH C, LT	--	--	SCHOOL SPEED LIMIT (25)	---	---	---	1	1	---	--	---	
52	201+00	CTH C, LT	S1-1	36"X36"	SCHOOL ADVANCE (FL. YELLOW GREEN)	---	---	1	---	---	---	--	6.75	
52A	201+00	CTH C, LT	S16-9P	24"X12"	AHEAD	---	---	---	---	---	---	--	2.00	MOUNT WITH SIGN #52
52B	201+00	CTH C, LT	R2-6P	24"X18"	FINES HIGHER	---	---	---	---	---	3.00	--	---	MOUNT WITH SIGN #52
53	201+37	CTH C, LT	--	--	SCHOOL ADVANCE (FL. YELLOW GREEN), AHEAD, FINES HIGHER	--	--	--	3	1	--	--	--	
54	211+57	CTH C, LT	--	--	SPEED LIMIT 45	--	--	--	1	1	--	--	--	
55	211+62	CTH C, LT	R2-1	24"X30"	SPEED LIMIT 45	---	1	---	---	---	5.00	--	---	
56	212+14	CTH C, LT	--	--	BRIDGE HASH MARKS	--	--	--	1	1	--	--	--	
57	212+14	CTH C, LT	W5-52L	12"X36"	BRIDGE HASH MARKS	--	1	--	--	--	--	--	3.00	
58	212+64	CTH C, LT	W5-52R	12"X36"	BRIDGE HASH MARKS	---	1	---	---	---	---	--	3.00	
59	212+64	CTH C, LT	--	--	BRIDGE HASH MARKS	---	---	---	1	1	---	--	---	
60	211+49	CTH C, RT	--	--	SPEED LIMIT 45	---	---	---	1	1	---	--	---	
61	211+56	CTH C, RT	R2-1	24"X30"	SPEED LIMIT 45	---	1	---	---	---	5.00	--	---	
62	212+10	CTH C, RT	--	--	BRIDGE HASH MARKS	---	---	---	1	1	---	--	---	
63	212+10	CTH C, RT	W5-52R	12"X36"	BRIDGE HASH MARKS	---	1	---	---	---	---	--	3.00	
64	212+59	CTH C, RT	W5-52L	12X"36"	BRIDGE HASH MARKS	---	1	---	---	---	---	--	3.00	
65	212+59	CTH C, RT	--	--	BRIDGE HASH MARKS	---	---	---	1	1	---	--	---	
66	214+48	CTH C, RT	--	---	RIGHT CURVE	---	---	---	1	1	---	--	---	
67	214+56	CTH C, RT	W1-2R	30"X30"	RIGHT CURVE	---	1	---	---	---	---	--	6.25	
68	223+52	CTH C, LT	W1-6	48"X24"	NIGHT ARROW (SINGLE)	---	1	---	---	---	---	--	8.00	
					SUBTOTAL 0010:	1	14	2	20	16	36.18	13.34	52.66	

PERMANENT SIGNING SUMMARY

SIGN NO.	STA	LOCATION	SIGN CODE	SIZE	SIGN WORDING & PICTORIALS	634.0614 POSTS WOOD 4X6 INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6 INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6 INCH X 18-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2220 SIGNS TYPE II REFLECTIVE SH SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	REMARKS
69	223+61	CTH C, LT	--	--	NIGHT ARROW (SINGLE)	---	---	---	1	1	---	--	---	
70	223+72	CTH C, LT	--	--	STOP	--	--	--	1	1	--	--	--	
71	223+71	CTH C, LT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
72	225+24	CTH C, LT	W14-1	30"X30"	DEAD END	---	1	---	---	---	---	--	6.25	
73	224+29	CTH C, LT	--	--	DEAD END	---	---	---	1	1	---	--	--	
74	224+15	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
75	224+18	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
76	233+80	CTH C, LT	--	--	LEFT CURVE	---	---	---	1	1	---	--	---	
77	233+94	CTH C, LT	W1-2L	30"X30"	LEFT CURVE	---	1	---	---	---	---	--	6.25	
78	239+99	CTH C, LT	--	--	STOP	---	---	---	1	1	---	--	---	
79	239+99	CTH C, LT	R1-1	30"X30"	STOP	1	--	--	--	--	5.18	--	--	
80	240+43	CTH C, LT	W14-1	30"X30"	DEAD END	---	1	---	---	---	---	--	6.25	
81	240+44	CTH C, LT	--	--	DEAD END	---	---	---	1	1	---	--	---	
82	240+47	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
83	240+45	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
84	252+44	CTH C, RT	--	--	SPEED LIMIT 25	---	---	---	1	1	---	--	---	
85	252+48	CTH C, RT	R2-1	24"X30"	SPEED LIMIT 25	---	1	---	---	---	5.00	--	---	
86	252+86	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
87	252+86	CTH C, RT	--	--	STOP	---	---	---	1	1	---	--	---	
88	254+61	CTH C, RT	--	--	STOP AHEAD	---	---	---	1	1	---	--	---	
89	257+00	CTH C, RT	M2-1	21"X15"	JUNCTION	---	1	---	---	---	2.19	--	---	
89A	257+00	CTH C, RT	M1-5A	24"X24"	COUNTY S	--	--	--	--	--	4.00	--	--	MOUNT WITH SIGN #89
90	257+74	CTH C, RT	--	--	JUNCTION, COUNTY S	--	--	--	2	1	--	--	--	
91	258+00	CTH C, RT	W3-1	36"X36"	STOP AHEAD	---	---	1	---	---	---	--	9.00	
92	258+94	CTH C, RT	--	--	SPEED LIMIT 45	--	--	--	1	1	--	--	--	
93	259+00	CTH C, LT	R2-1	24"X30"	SPEED LIMIT 45	--	1	--	--	--	5.00	--	--	
94	262+09	CTH C, LT	M1-5A	24"X24"	COUNTY S	---	1	---	---	---	4.00	--	---	
94A	262+09	CTH C, LT	M6-1	21"X21"	ARROW - AHEAD	---	---	---	---	---	3.06	--	---	MOUNT WITH SIGN #94
94B	262+09	CTH C, LT	M1-5A	24"X24"	COUNTY C	---	---	---	---	---	4.00	--	---	MOUNT WITH SIGN #94
94C	262+09	CTH C, LT	M6-4	21"X21"	DIRECTIONAL ARROWS LEFT - RIGHT	---	---	---	---	---	3.06	--	---	MOUNT WITH SIGN #94
95	262+09	CTH C, LT	M1-5A	24"X24"	COUNTY S	---	---	---	---	---	4.00	--	---	MOUNT TO BACK OF SIGN #94
95A	262+09	CTH C, LT	M6-1	21"X21"	ARROW - AHEAD	---	---	---	---	---	3.06	--	---	MOUNT WITH SIGN #95
95B	262+09	CTH C, LT	M1-5A	24"X24"	COUNTY C	---	---	---	---	---	4.00	--	---	MOUNT WITH SIGN #95
95C	262+09	CTH C, LT	M6-4	21"X21"	DIRECTIONAL ARROWS LEFT - RIGHT	---	---	---	---	---	3.06	--	---	MOUNT WITH SIGN #95
96	262+16	CTH C, LT	--	--	COUNTY S, ARROW - AHEAD, COUNTY C, DIRECTIONAL ARROWS LEFT - RIGHT	---	---	---	4	1	---	--	---	
97	262+16	CTH C, LT	--	--	COUNTY S, ARROW - AHEAD, COUNTY C, DIRECTIONAL ARROWS LEFT - RIGHT	---	---	---	4	--	---	--	---	
98	262+20	CTH C, LT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
98A	262+20	CTH C, LT	R1-3P	18"X6"	ALL WAY	---	---	---	---	---	0.75	--	---	MOUNT WITH SIGN #98
99	262+23	CTHC, LT	--	--	STOP, 4-WAY	--	--	--	2	1	--	--	--	
100	262+03	CTH C, RT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
100A	262+03	CTH C, RT	R1-3P	18"X6"	ALL WAY	---	---	---	---	---	0.75	--	---	MOUNT WITH SIGN #100
101	262+09	CTH C, RT	--	--	STOP, 4-WAY	---	---	---	2	1	---	--	---	
102	262+95	CTH C, LT	--	--	COUNTY C, ARROW - AHEAD, COUNTY S, DIRECTIONAL ARROWS LEFT - RIGHT	---	---	---	4	1	---	--	---	
103	262+95	CTH C, LT	--	--	COUNTY C, ARROW - AHEAD, COUNTY S, DIRECTIONAL ARROWS LEFT - RIGHT	---	---	---	4	--	---	--	---	
104	263+05	CTH C, LT	M1-5A	24"X24"	COUNTY C	---	1	---	---	---	4.00	--	---	
104A	263+05	CTH C, LT	M6-1	21"X21"	ARROW - AHEAD	---	---	---	---	---	3.06	--	---	MOUNT WITH SIGN #104
104B	263+05	CTH C, LT	M1-5A	24"X24"	COUNTY S	---	---	---	---	---	4.00	--	---	MOUNT WITH SIGN #104
104C	263+05	CTH C, LT	M6-4	21"X21"	DIRECTIONAL ARROWS LEFT - RIGHT	--	--	--	--	--	3.06	--	--	MOUNT WITH SIGN #104
105	263+05	CTH C, LT	M1-5A	24"X24"	COUNTY C	---	---	---	---	---	4.00	--	---	MOUNT TO BACK OF SIGN #104
105A	263+05	CTH C, LT	M6-1	21"X21"	ARROW - AHEAD	---	---	---	---	---	3.06	--	---	MOUNT WITH SIGN #105
105B	263+05	CTH C, LT	M1-5A	24"X24"	COUNTY S	---	---	---	---	---	4.00	--	---	MOUNT WITH SIGN #105
105C	263+05	CTH C, LT	M6-4	21"X21"	DIRECTIONAL ARROWS LEFT - RIGHT	---	---	---	---	---	3.06	--	---	MOUNT WITH SIGN #105
106	262+97	CTH C, LT	--	--	STOP, 4-WAY	---	---	---	2	1	---	--	---	
107	263+01	CTH C, LT	R1-1	30"X30"	STOP	1	---	---	---	---	5.18	--	---	
107A	263+01	CTH C, LT	R1-3P	18"X6"	ALL WAY	---	---	---	---	---	0.75	--	---	MOUNT WITH SIGN #107
108	262+81	CTH C, RT	--	--	STOP, 4-WAY	--	--	--	2	1	--	--	--	
109	262+83	CTH C, RT	R1-1	30"X30"	STOP	1	--	--	--	--	5.18	--	--	
109A	262+83	CTH C, RT	R1-3P	18"X6"	ALL WAY	--	--	--	--	--	0.75	--	--	MOUNT WITH SIGN #109
110	263+30	CTH C, RT	--	--	COUNTY C	--	--	--	1	1	--	--	--	
111	263+38	CTH C, RT	M1-5A	24"X24"	COUNTY C	1	--	--	--	--	4.00	--	--	
111	183+64	CTH C, RT	--	--	NO PARKING	--	--	--	1	1	--	--	--	
					SUBTOTAL 0010:	10	8	1	40	21	126.29	0.00	27.75	
					TOTAL 0010:	**20**	**29**	**5**	**80**	**54**	**252.97**	**13.34**	**101.91**	

3

TRAFFIC CONTROL

STATION	TO	STATION	LOCATION	APPROXIMATE SERVICE DAYS	643.0300 DRUMS NO. IN SERVICE	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III NO. IN SERVICE	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A NO. IN SERVICE	643.0705 WARNING LIGHTS TYPE A DAYS	643.0900 SIGNS NO. IN SERVICE	643.0900 SIGNS DAYS	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY
102+49	-	158+00	CTH C	75	10	750	26	1,950	36	2,700	24	1,800	7
158+00	-	212+12	CTH C	75	--	--	3	225	2	150	3	225	--
212+12	-	265+15	CTH C	75	10	750	22	1,650	14	1,050	21	1,575	7
DETOUR			CTH C	75	--	--	4	300	8	600	133	9,975	--
			TOTAL 0010:			1,500		4,125		4,500		13,575	14

PAVEMENT MARKING SUMMARY

STATION	TO	STATION	LOCATION	646.2020 MARKING LINE EPOXY 6-INCH YELLOW LF	646.2020 MARKING LINE EPOXY 6-INCH WHITE LF	646.6120 MARKING STOP LINE EPOXY 18-INCH LF
100+00	-	158+00	CTH C	3,063	9,898	--
158+00	-	212+12	CTH C	6,778	10,625	--
212+12	-	265+11	CTH C	6,473	9,687	36
			BROWN COUNTY LINE	168	---	---
			HARVEST VALLEY LANE	---	---	---
			SUNSET CIRCLE (SOUTH)	---	---	---
			SUNSET CIRCLE (NORTH)	---	---	---
			BREEZE LANE	---	---	---
			HILBERT ROAD	---	---	---
			POTTS LANE/FAGER LANE	---	---	---
			REGAL LANE/FAGER LANE	---	---	---
			SANIDON ROAD	---	---	---
			CTH S	---	---	43
				16,483	30,210	
			TOTAL 0010:	46,693		79

CONSTRUCTION STAKING SUMMARY

STATION	TO	STATION	LOCATION	650.5000 BASE LF	650.5500 CURB & GUTTER LF	650.9911 SUPPLEMENTAL CONTROL (PROJECT) 01 9095-10-71 EACH	650.9920 SLOPE STAKES LF
102+49	-	158+00	CTH C	5,551	22		5,551
158+00	-	212+12	CTH C	5,412	16		5,412
212+12	-	265+11	CTH C	5,299	48		5,299
			BROWN COUNTY LINE	245	316		245
			HARVEST VALLEY LANE	95	158		95
			SUNSET CIRCLE (SOUTH)	116	159		116
			SUNSET CIRCLE (NORTH)	98	159	1	98
			BREEZE LANE	110	159		110
			SOUTH CHASE	---	---		---
			HILBERT ROAD	79	159		79
			POTTS LANE/FAGER LANE	253	272		253
			REGAL LANE/FAGER LANE	210	328		210
			SANIDON ROAD	86	164		86
			CTH S	---	---		---
			TOTAL 0010:	17,554	1,960	1	17,554

LANDMARK SUMMARY

STATION	LOCATION	680.0100 PUBLIC LAND SURVERY MONUMENT VERIFY AND RESET EA	REMARKS
104+29	CTH C	1	NE 1/4 OF SECTION 2
104+29	CTH C	1	SE 1/4 OF SECTION 35
130+99	CTH C	1	E 1/4 OF SECTION 35
157+50	CTH C	1	NE 1/4 OF SECTION 35
183+81	CTH C	1	E 1/4 SECTION 26
	TOTAL 0010:	5	

REMOVING EXCESS PULVERIZED MATERIAL

STATION	TO	STATION	LOCATION	SPV.0180.01 SY	VOLUME CY
152+50	-	161+00	CTH C	3,815	381
226+00	-	228+60	CTH C	1,055	106
258+05	-	265+00	CTH C	3,165	316
			TOTAL 0010:	8,035	803 (A)

(A) VOLUME SHOWN FOR INFORMATION ONLY, QUANTITY SHOWN REMOVED FROM COMMON EXCAVATION QUANTITY IN EARTHWORK CALCULATIONS

SAWING ASPHALT SUMMARY

STATION	LOCATION	690.0150 SAWING ASPHALT LF
102+49	CTH C	30
265+28	CTH C	30
	BROWN COUNTY LINE	44
	HARVEST VALLEY LANE	22
	SUNSET CIRCLE (SOUTH)	21
	SUNSET CIRCLE (NORTH)	21
	BREEZE LANE	21
	SOUTH CHASE ROAD	58
	HILBET ROAD	24
	POTTS LANE/FAGER LANE	46
	REGAL LANE/FAGER LANE	44
	SAINDON ROAD	22
	CTH S	72
	DRIVEWAYS	730
	TOTAL 0010:	1,185

SAWING CONCRETE SUMMARY

STATION	LOCATION	690.0250 SAWING CONCRETE LF
156+00	CTH C RT	6
157+19	CTH C LT	6
157+42	CTH C RT	6
157+88	CTH C RT	6
159+01	CTH C RT	6
261+08	CTH C RT	6
262+78	CTH C RT	6
262+87	CTH C RT	6
262+92	CTH C LT	6
263+08	CTH C RT	6
264+25	CTH C RT	6
	TOTAL 0010:	66

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE
CULVERT

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND SURVEY MONUMENT (SEE FOUND MONUMENT TABLE)
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
PARALLEL OFFSETS

CONVENTIONAL UTILITY SYMBOLS

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

CONVENTIONAL ABBREVIATIONS

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

CURVE DATA ABBREVIATIONS

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

NOTES:

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

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL LINES.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

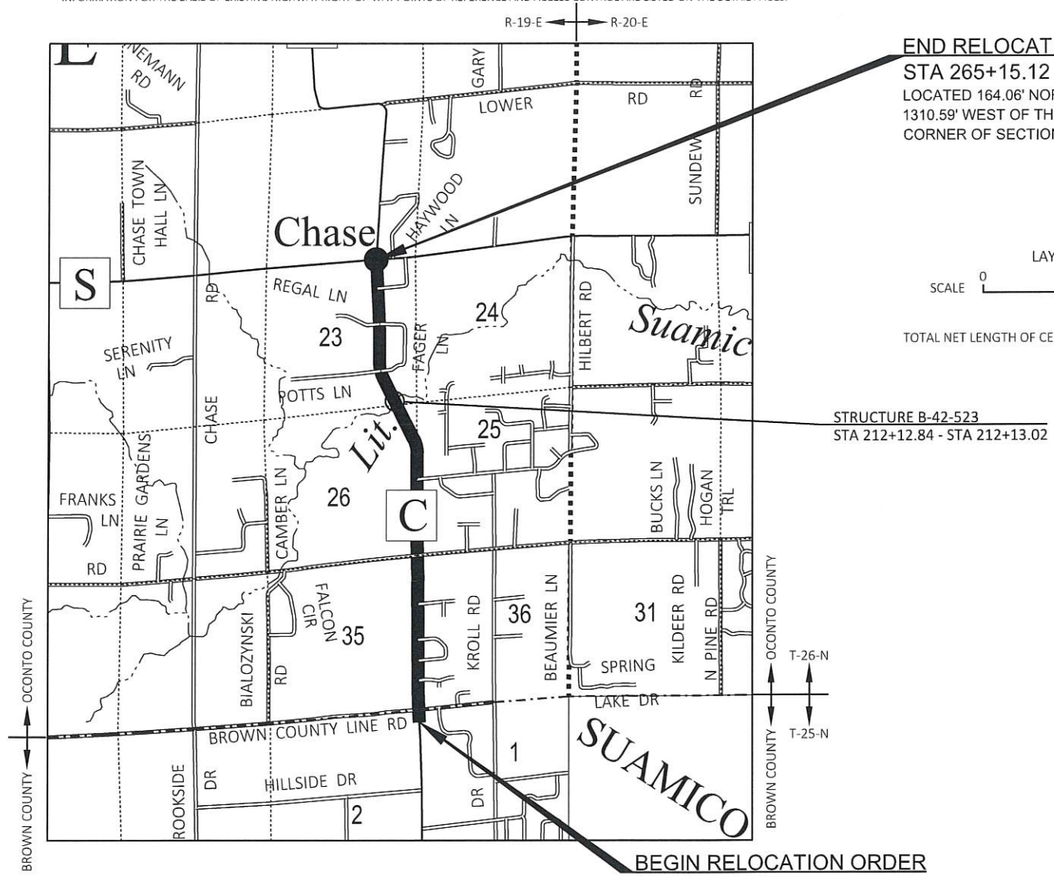
AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE OCONTO COUNTY.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE DETAIL PAGES.



END RELOCATION ORDER
STA 265+15.12
LOCATED 164.06' NORTH AND
1310.59' WEST OF THE NORTHEAST
CORNER OF SECTION 23, T26N-R19E

STRUCTURE B-42-523
STA 212+12.84 - STA 212+13.02

BEGIN RELOCATION ORDER
STA 102+49.27
Y = 101,380.654
X = 536,803.233
LOCATED 181.02' SOUTH AND 27.25' EAST OF THE
SOUTHEAST CORNER OF SECTION 35, T26N, R19E

LAYOUT
SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 3.081 MILES

N

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
9095-10-00		
FEDERAL PROJECT NUMBER	4.00	4

PLAT OF RIGHT OF WAY REQUIRED FOR

PITTSFIELD - CHASE
S COUNTY LINE TO CTH S

CTH C	OCONTO COUNTY

CONSTRUCTION PROJECT NUMBER
9095-10-71

RECEIVED
JAN 9 2025
8:45a.m HP
OCONTO COUNTY CLERK

APPROVED
FOR
OCONTO COUNTY
1/8/2025 (DATE) Brandon Hyttinen (SIGNATURE)

jt ENGINEERING
REAL.TRUSTED.PROVEN.

THE SURVEY IS PREPARED AT THE REQUEST OF THE OCONTO COUNTY. THE TOPOGRAPHY AND UTILITY SURVEY WAS PERFORMED IN 2023. THIS THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

WISCONSIN
RYAN T. KLARNER
3156-8
GREEN BAY WIS.
LAND SURVEYOR

Ryan Klarner 12/13/2024 (DATE)
RYAN T. KLARNER
REGISTRATION NUMBER S-3156

COPY

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST(S) REQUIRED	R/W S.F. REQUIRED		
			NEW	EXISTING	TOTAL
1	JOHN H & RHONDA F ATHEY	FEE	169	---	169
2	CHAD R & JENNI L IMIG REVOCABLE TRUST	FEE	120	---	120
3	NICHOLAS J & RACHELLE M JERABEK	FEE	448	---	448
4	JEFF MACIEJEWSKI	FEE	330	---	330
5	JAMES M & MARILYN M LENZ	FEE	792	---	792
6	JOSEPH P GABE LAURA A KALISHEK	FEE	200	---	200

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE COUNTY. ALL AREAS SHOWN IN SQUARE FEET UNLESS OTHERWISE NOTED.

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

ALL NEW RIGHT OF WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT OCONTO COUNTY.

EXISTING RIGHT OF WAY FOR CTH C ESTABLISHED FROM PREVIOUS PROJECT 9095-08-00, PLAT OF SURVEY PLAT OF SURVEY 277-1 BY CHROUSER 2015, PLAT OF SURVEY 112 BY CHROUSER 2012, HARVEST VALLEY ESTATES, AND SUMMER BREEZE ESTATES.

EXISTING RIGHT OF WAY FOR BROWN COUNTY LINE RD ESTABLISHED FROM PREVIOUS PROJECT 9095-08-00 AND PLAT OF SURVEY 112 BY CHROUSER 2012.

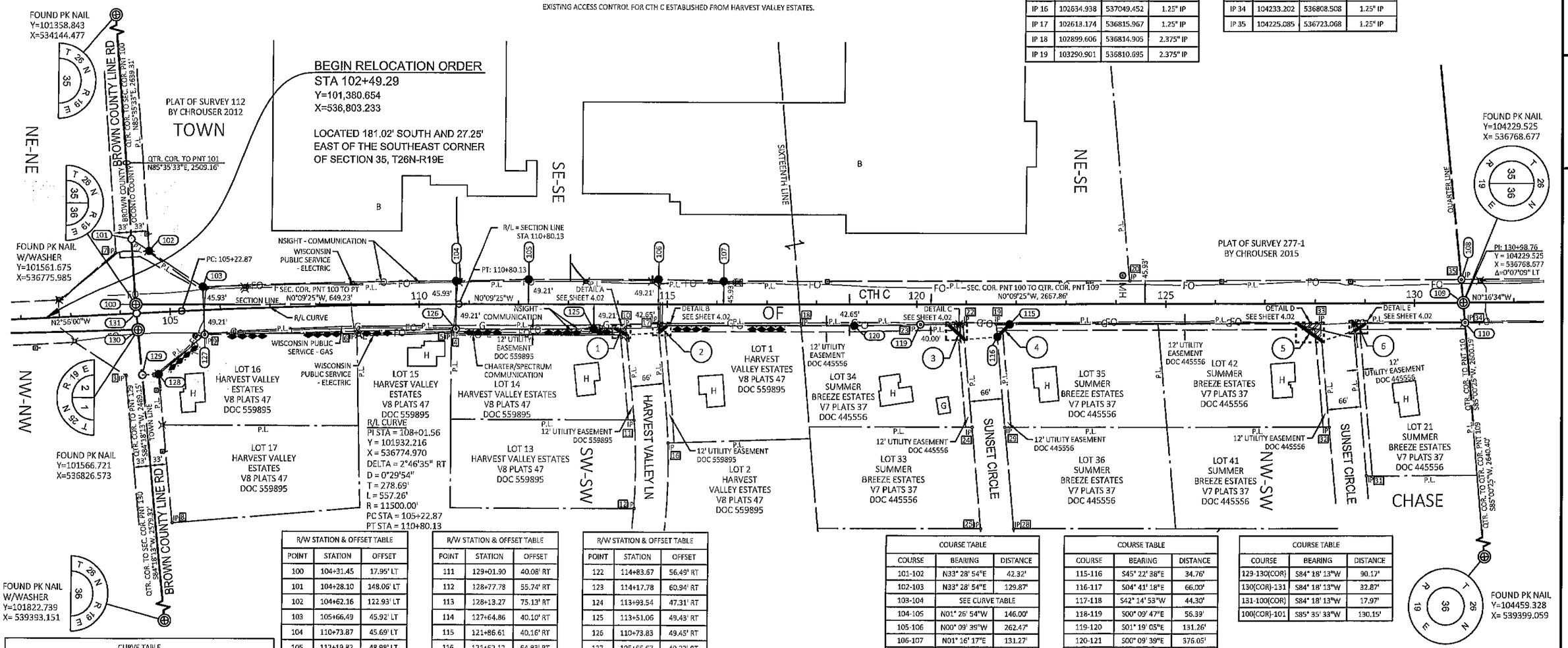
EXISTING RIGHT OF WAY FOR HARVEST VALLEY LN ESTABLISHED FROM HARVEST VALLEY ESTATES.

EXISTING RIGHT OF WAY FOR SUNSET CIRCLE ESTABLISHED FROM SUMMER BREEZE ESTATES.

EXISTING ACCESS CONTROL FOR CTH C ESTABLISHED FROM HARVEST VALLEY ESTATES.

FOUND MONUMENT TABLE			
POINT	Y COORDS	X COORDS	DESCRIPTION
IP 3	101542.646	536917.441	1.25" IP
IP 4	102204.602	536823.534	1.25" IP
IP 5	102195.668	536823.763	1.25" IP
IP 6	102006.555	536828.496	1.25" IP
IP 7	101520.192	536673.376	1.25" IP
IP 8	101638.336	537209.515	1.25" IP
IP 9	101699.716	536836.110	1.25" IP
IP 10	102547.181	536819.452	2.375" IP
IP 11	102565.897	537003.999	1.25" IP
IP 12	102567.304	537179.508	1.25" IP
IP 16	102634.938	537049.452	1.25" IP
IP 17	102613.174	536815.967	1.25" IP
IP 18	102899.606	536814.905	2.375" IP
IP 19	103290.901	536810.695	2.375" IP

FOUND MONUMENT TABLE			
POINT	Y COORDS	X COORDS	DESCRIPTION
IP 20	103558.376	536724.753	1.25" IP
IP 22	103224.488	536811.597	2.375" IP
IP 23	103138.517	536811.643	2.375" IP
IP 24	103243.569	537015.947	1.25" IP
IP 25	103262.650	537217.312	1.25" IP
IP 28	103328.668	537217.263	1.25" IP
IP 29	103309.651	537015.956	1.25" IP
IP 31	104035.410	537112.299	1.25" IP
IP 32	103960.484	537016.161	1.25" IP
IP 33	103940.964	536809.564	1.25" IP
IP 34	104233.202	536808.508	1.25" IP
IP 35	104225.085	536723.068	1.25" IP



R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
100	104+31.45	17.95' LT
101	104+28.10	148.06' LT
102	104+62.16	122.93' LT
103	105+66.49	45.92' LT
104	110+73.87	45.69' LT
105	112+19.82	48.98' LT
106	114+82.28	49.00' LT
107	116+13.52	45.73' LT
108	130+94.27	45.95' LT
109	130+98.76	0.00' RT
110	131+02.07	40.07' RT

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
111	129+01.90	40.08' RT
112	128+77.78	55.74' RT
113	128+13.27	75.13' RT
114	127+64.86	40.10' RT
115	121+86.61	40.16' RT
116	121+52.12	64.83' RT
117	120+96.32	70.05' RT
118	120+63.61	40.17' RT
119	120+07.22	40.18' RT
120	118+75.98	42.84' RT
121	114+99.93	42.86' RT

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
122	114+83.67	56.49' RT
123	114+17.78	60.94' RT
124	113+93.54	47.31' RT
125	113+51.06	49.43' RT
126	110+73.83	49.45' RT
127	105+66.67	49.22' RT
128	104+71.30	123.25' RT
129	104+38.25	122.89' RT
130	104+33.90	32.83' RT
131	104+32.31	0.00' RT

CURVE TABLE				
COURSE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
103-104	509.40'	11528.85'	N01° 25' 35"W	509.36'

COURSE TABLE		
COURSE	BEARING	DISTANCE
101-102	N33° 28' 54"E	42.32'
102-103	N33° 28' 54"E	129.87'
103-104	SEE CURVE TABLE	
104-105	N01° 25' 54"W	146.00'
105-106	N00° 09' 39"W	262.47'
106-107	N01° 16' 17"E	131.27'
107-108	N00° 09' 56"W	1480.75'
108-109(COR)	N84° 15' 26"E	46.17'
109(COR)-110	N85° 00' 25"E	40.21'
110-111	S00° 09' 47"E	200.25'
111-112	S33° 08' 43"E	28.75'
112-113	S16° 53' 10"E	67.36'
113-114	S35° 44' 05"W	59.75'
114-115	S00° 09' 45"E	578.25'

COURSE TABLE		
COURSE	BEARING	DISTANCE
115-116	S45° 22' 38"E	34.76'
116-117	S04° 41' 18"E	66.00'
117-118	S42° 14' 53"W	44.30'
118-119	S00° 09' 47"E	56.39'
119-120	S01° 19' 05"E	131.26'
120-121	S00° 09' 39"E	376.05'
121-122	S40° 07' 35"E	21.22'
122-123	S04° 01' 10"E	66.04'
123-124	S29° 12' 29"W	27.81'
124-125	S03° 01' 24"E	42.54'
125-126	S00° 09' 39"E	277.20'
126-127	S01° 25' 34"E	504.95'
127-128	S40° 46' 36"E	120.52'
128-129	S02° 18' 59"E	33.06'

COURSE TABLE		
COURSE	BEARING	DISTANCE
129-130(COR)	S84° 18' 13"W	90.17'
130(COR)-131	S84° 18' 13"W	32.87'
131-100(COR)	S84° 18' 13"W	17.97'
100(COR)-101	S85° 35' 33"W	130.15'

REVISION DATE	DATE 12/13/2024	SCALE, FEET 0 100 200	HWY: CTH C	STATE R/W PROJECT NUMBER 9095-10-00	PLAT SHEET 4.01
	GRID FACTOR N/A		COUNTY: OCONTO	CONSTRUCTION PROJECT NUMBER 9095-10-71	PS&E SHEET 80 E

FILE NAME : 040101-RP.DWG PLOT DATE : 12/13/2024 12:01 PM PLOT BY: RYAN MALUEG PLOT SCALE : 1IN:200 FT

WISDOT/CADDS SHEET 75

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST(S) REQUIRED	R/W S.F. REQUIRED		
			NEW	EXISTING	TOTAL
7	DAVID A & JANELLE M SCHULTZ	FEE	641	---	641
8	DANIEL R JR & CONSTANCE J SZYMIK	FEE	306	---	306

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE COUNTY. ALL AREAS SHOWN IN SQUARE FEET UNLESS OTHERWISE NOTED.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTERESTS REQUIRED
200	NSIGHT - COMMUNICATIONS	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE - ELECTRIC	RELEASE OF RIGHTS

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

ALL NEW RIGHT OF WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT OCONTO COUNTY.

EXISTING RIGHT OF WAY FOR CTH C ESTABLISHED FROM PREVIOUS PROJECT 9095-08-00, PLAT OF SURVEY 1180A BY SCHAUT 1980, SUMMER BREEZE ESTATES, AND CSM 3599.

EXISTING RIGHT OF WAY FOR BREEZE LN ESTABLISHED FROM CSM 3599.

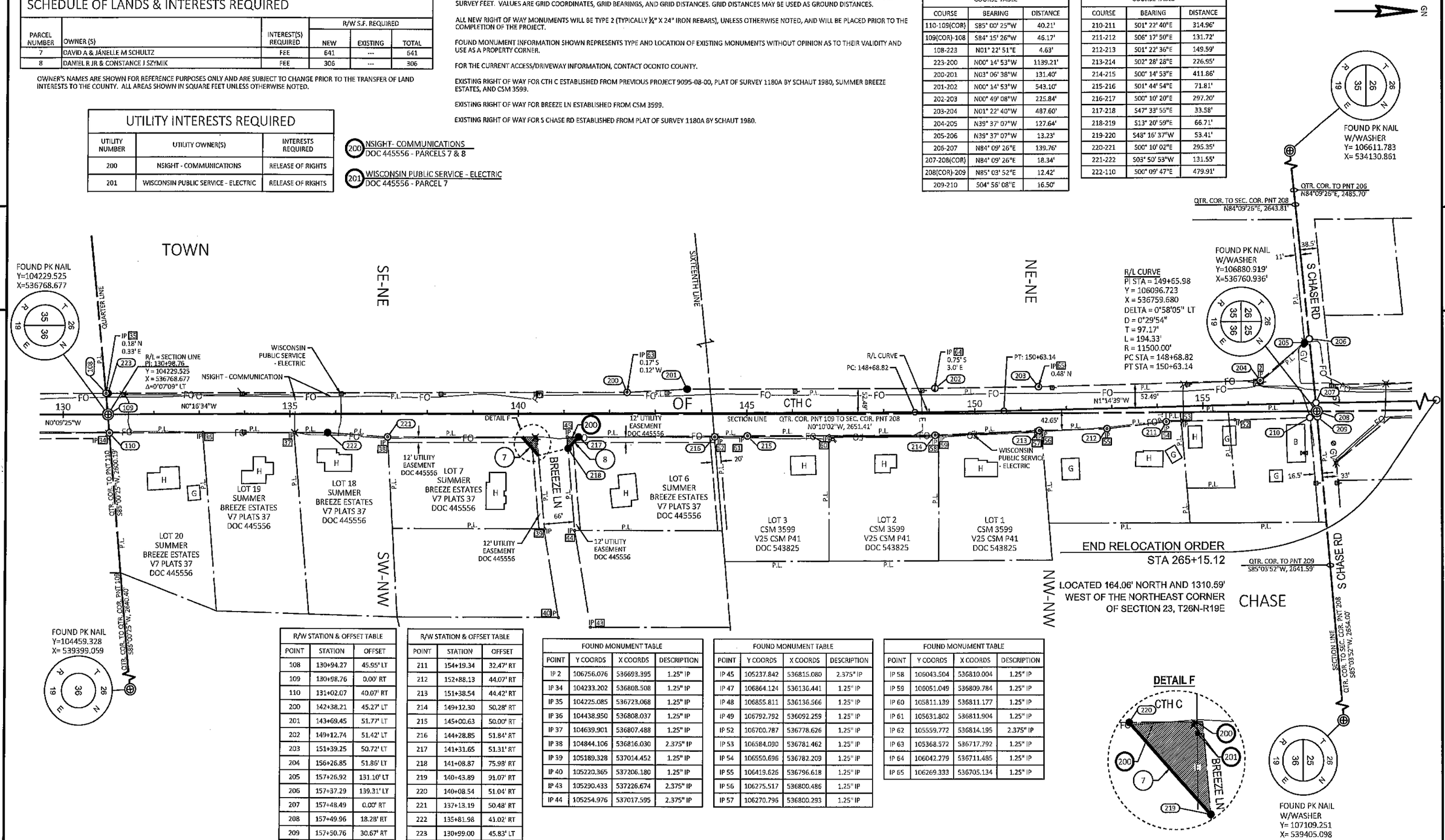
EXISTING RIGHT OF WAY FOR S CHASE RD ESTABLISHED FROM PLAT OF SURVEY 1180A BY SCHAUT 1980.

200 NSIGHT- COMMUNICATIONS
DOC 445556 - PARCELS 7 & 8

201 WISCONSIN PUBLIC SERVICE - ELECTRIC
DOC 445556 - PARCEL 7

COURSE TABLE		
COURSE	BEARING	DISTANCE
110-109(COR)	S85° 00' 25"W	40.21'
109(COR)-108	S84° 15' 26"W	46.17'
108-223	N01° 22' 51"E	4.63'
223-200	N00° 14' 53"W	1139.21'
200-201	N03° 06' 38"W	131.40'
201-202	N00° 14' 53"W	543.10'
202-203	N00° 49' 08"W	225.84'
203-204	N01° 22' 40"W	487.60'
204-205	N39° 37' 07"W	127.64'
205-206	N39° 37' 07"W	13.23'
206-207	N84° 09' 26"E	139.76'
207-208(COR)	N84° 09' 26"E	18.34'
208(COR)-209	N85° 03' 52"E	12.42'
209-210	S04° 56' 08"E	16.50'

COURSE TABLE		
COURSE	BEARING	DISTANCE
210-211	S01° 22' 40"E	314.96'
211-212	S06° 17' 50"E	131.72'
212-213	S01° 22' 36"E	149.59'
213-214	S02° 28' 28"E	226.95'
214-215	S00° 14' 53"E	411.86'
215-216	S01° 44' 54"E	71.81'
216-217	S00° 10' 20"E	297.20'
217-218	S47° 33' 55"E	33.58'
218-219	S13° 20' 59"E	66.71'
219-220	S48° 16' 37"W	53.41'
220-221	S00° 10' 02"E	295.35'
221-222	S03° 50' 53"W	131.55'
222-110	S00° 09' 47"E	479.91'



R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
108	130+94.27	45.95' LT
109	130+98.76	0.00' RT
110	131+02.07	40.07' RT
200	142+38.21	45.27' LT
201	143+69.45	51.77' LT
202	149+12.74	51.42' LT
203	151+39.25	50.72' LT
204	156+26.85	51.86' LT
205	157+26.92	131.10' LT
206	157+37.29	139.31' LT
207	157+48.49	0.00' RT
208	157+49.96	18.28' RT
209	157+50.76	30.67' RT
210	157+34.30	31.74' RT

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
211	154+19.34	32.47' RT
212	152+88.13	44.07' RT
213	151+38.54	44.42' RT
214	149+12.30	50.28' RT
215	145+00.63	50.00' RT
216	144+28.85	51.84' RT
217	141+31.65	51.31' RT
218	141+08.87	75.98' RT
219	140+43.89	91.07' RT
220	140+08.54	51.04' RT
221	137+13.19	50.48' RT
222	135+81.98	41.02' RT
223	130+99.00	45.83' LT

FOUND MONUMENT TABLE			
POINT	Y COORDS	X COORDS	DESCRIPTION
IP 2	106756.076	536693.395	1.25" IP
IP 34	104233.202	536808.508	1.25" IP
IP 35	104225.085	536723.068	1.25" IP
IP 36	104438.950	536808.037	1.25" IP
IP 37	104639.901	536807.488	1.25" IP
IP 38	104844.106	536816.030	2.375" IP
IP 39	105189.328	537014.452	1.25" IP
IP 40	105220.365	537206.180	1.25" IP
IP 43	105290.433	537226.674	2.375" IP
IP 44	105254.976	537017.595	2.375" IP

FOUND MONUMENT TABLE			
POINT	Y COORDS	X COORDS	DESCRIPTION
IP 45	105237.842	536815.080	2.375" IP
IP 47	106864.124	536136.441	1.25" IP
IP 48	106855.811	536136.566	1.25" IP
IP 49	106792.792	536092.259	1.25" IP
IP 52	106700.787	536778.626	1.25" IP
IP 53	106584.090	536781.462	1.25" IP
IP 54	106550.696	536782.209	1.25" IP
IP 55	106419.626	536796.618	1.25" IP
IP 56	106275.517	536800.486	1.25" IP
IP 57	106270.796	536800.293	1.25" IP

FOUND MONUMENT TABLE			
POINT	Y COORDS	X COORDS	DESCRIPTION
IP 58	106043.504	536810.004	1.25" IP
IP 59	106051.049	536809.784	1.25" IP
IP 60	105811.139	536811.177	1.25" IP
IP 61	105631.802	536811.904	1.25" IP
IP 62	105559.772	536814.195	2.375" IP
IP 63	105368.572	536717.792	1.25" IP
IP 64	106042.279	536711.485	1.25" IP
IP 65	106269.333	536705.134	1.25" IP

REVISION DATE	DATE 12/13/2024	SCALE, FEET 0 100 200	HWY: CTH C	STATE R/W PROJECT NUMBER 9095-10-00	PLAT SHEET 4.03
	GRID FACTOR N/A		COUNTY: OCONTO	CONSTRUCTION PROJECT NUMBER 9095-10-71	PS&E SHEET 81 E

FILE NAME : 040103-RP.DWG
COPY
PLOT DATE : 12/13/2024 12:02 PM PLOT BY: RYAN MALUEG PLOT SCALE : 1IN:200 FT
WISDOT/CADDS SHEET 75

NOTES:

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

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

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	UTILITY OWNER(S)	INTERESTS REQUIRED
200	NSIGHT - COMMUNICATIONS	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE - ELECTRIC	RELEASE OF RIGHTS
202	SPECTRUM - COMMUNICATIONS	RELEASE OF RIGHTS
203	WISCONSIN PUBLIC SERVICE - GAS	RELEASE OF RIGHTS

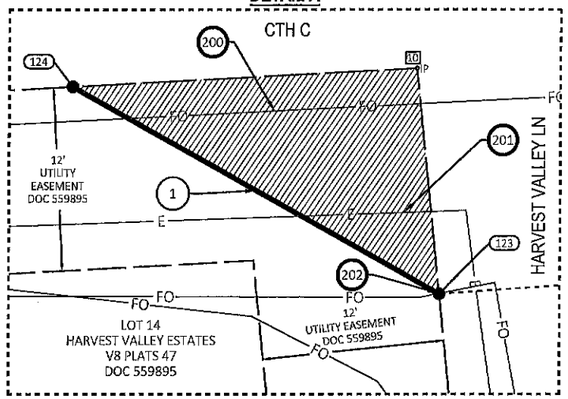
(200) NSIGHT - COMMUNICATIONS
DOC 559895 - PARCELS 1 & 2
DOC 445556 - PARCELS 3, 5, & 6

(201) WISCONSIN PUBLIC SERVICE - ELECTRIC
DOC 559895 - PARCELS 1 & 2
DOC 445556 - PARCELS 3 & 6

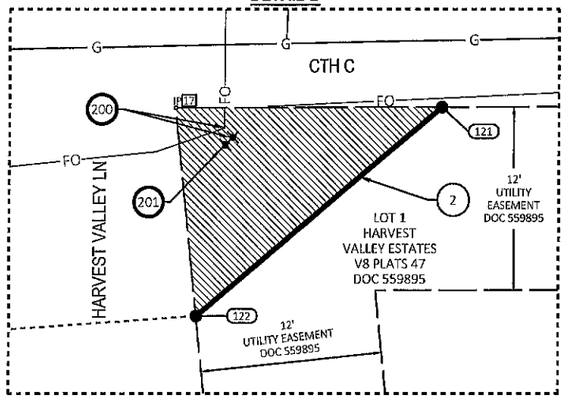
(202) SPECTRUM - COMMUNICATIONS
DOC 559895 - PARCEL 1

(203) WISCONSIN PUBLIC SERVICE - GAS
DOC 445556 - PARCEL 5

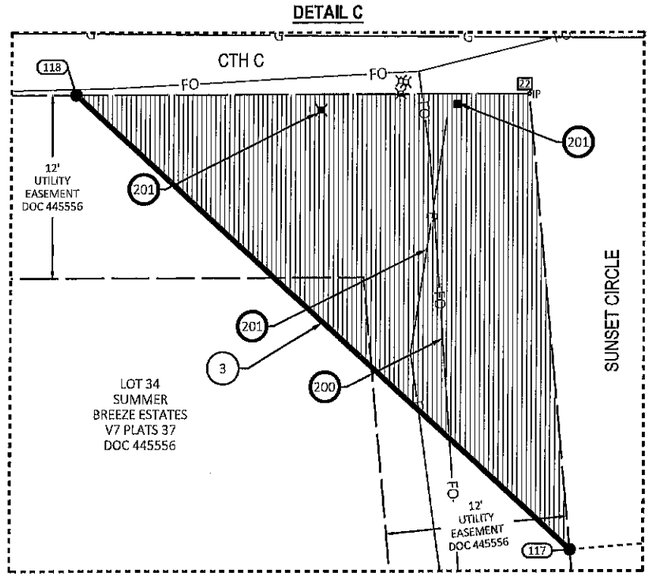
DETAIL A



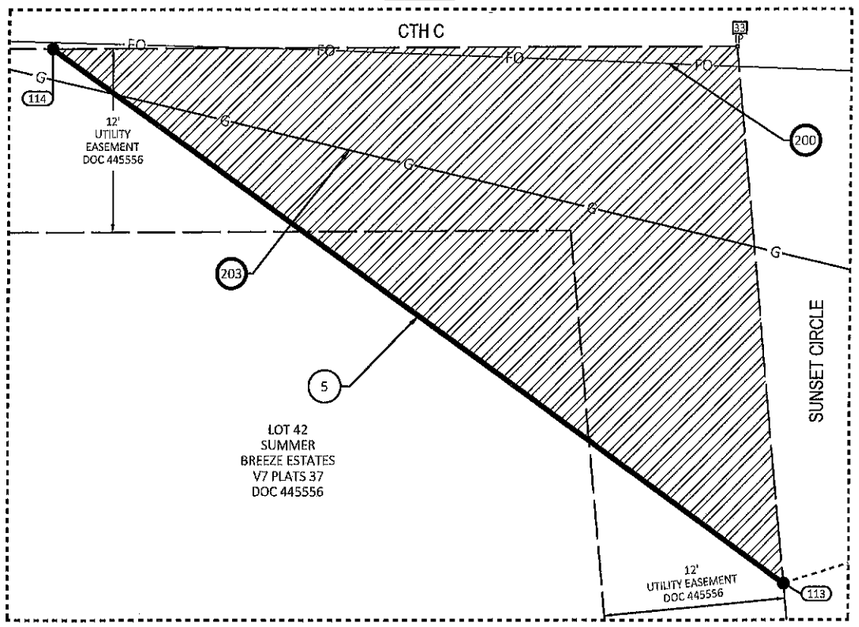
DETAIL B



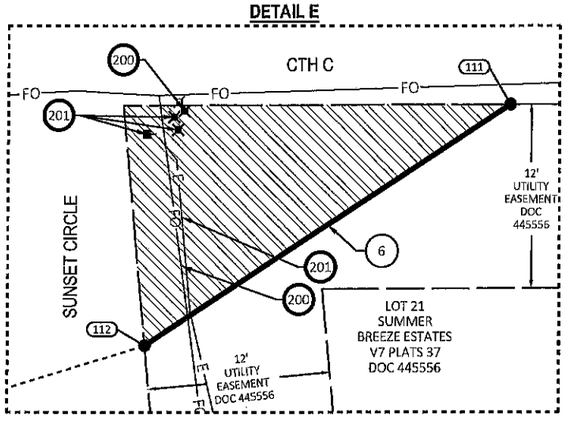
DETAIL C



DETAIL D



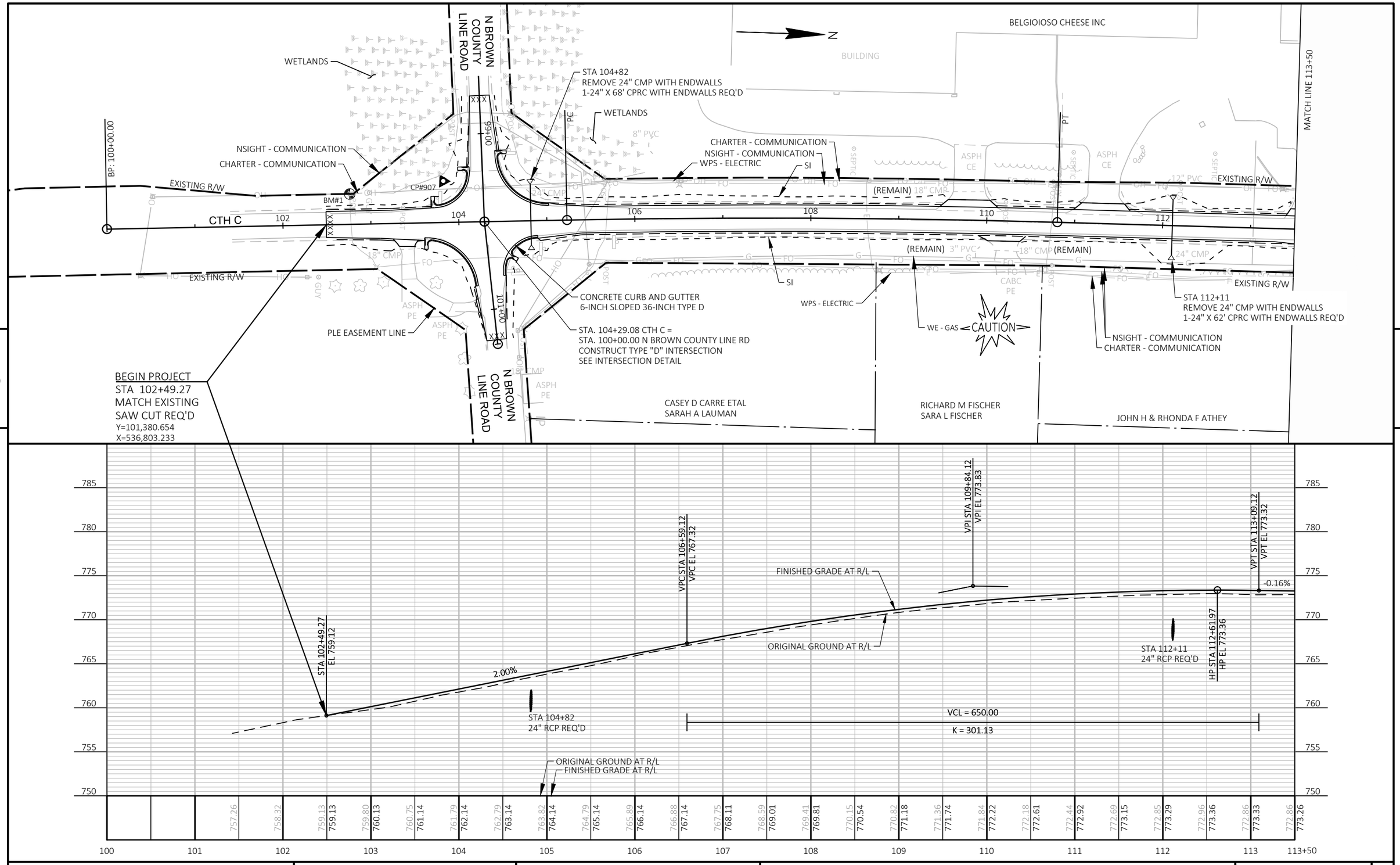
DETAIL E



REVISION DATE	DATE 12/13/2024	SCALE, FEET 0 5 10	HWY: CTH C	STATE R/W PROJECT NUMBER 9095-10-00	PLAT SHEET 4.02
	GRID FACTOR N/A		COUNTY: OCONTO	CONSTRUCTION PROJECT NUMBER 9095-10-71	PS&E SHEET 82 E

FILE NAME : 040101-RP.DWG PLOT DATE : 12/13/2024 12:04 PM PLOT BY: RYAN MALUEG PLOT SCALE : 1IN:10 FT

WISDOT/CADDS SHEET 75

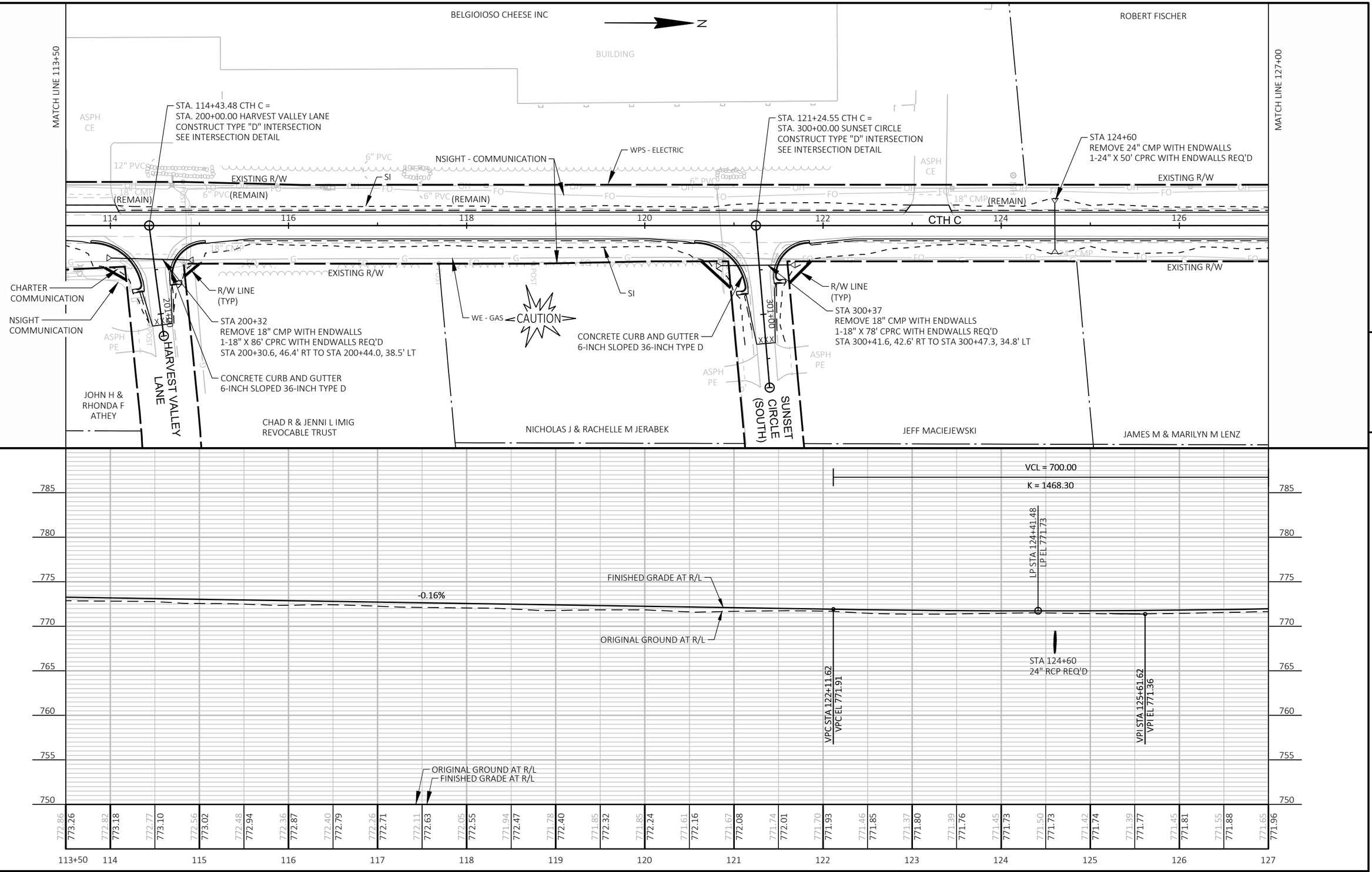


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 83 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 01

PLOT DATE : 10/20/2025 12:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 84	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 02
PLOT DATE : 10/20/2025 12:13 PM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

ROBERT FISCHER

RICHARD FISCHER

N

MATCH LINE 127+00

MATCH LINE 140+00

STA. 128+38.88 CTH C =
STA. 400+00.00 SUNSET CIRCLE
CONSTRUCT TYPE "D" INTERSECTION
SEE INTERSECTION DETAIL

PI

STA 139+21
REMOVE 24" CMP WITH ENDWALLS
1-24" X 72' CPRC WITH ENDWALLS REQ'D

WPS - ELECTRIC

NSIGHT - COMMUNICATION

EXISTING R/W

BM#2

CP#906

18" CMP (REMAIN)

SI

CTH C

128 130 132 134 136 138

24" CMP

18" CMP (REMAIN)

ASPH PE

CABC FE

BLDG

R/W LINE
(TYP)

STA 400+35
REMOVE 18" CMP WITH ENDWALLS
1-24" X 86' CPRC WITH ENDWALLS REQ'D
STA 400+37.8, 50.7' RT TO STA 400+43.0, 35.9' LT

CONCRETE CURB AND GUTTER
6-INCH SLOPED 36-INCH TYPE D

WE - GAS

CAUTION

SUNSET CIRCLE (NORTH)

JAMES M & MARILYN M LENZ

JOSEPH P GABE
LAURA A KALISHEK

MATTHEW COLWITZ
RACHEL COLWITZ

THOMAS DEBOTH
KATHLEEN A DEBOTH

JOSEPH G DOMKE

DAVID A & JANELLE M SCHULTZ

5

5

VCL = 700.00
K = 1468.30

VCL = 750.00
K = 8390.37

0.32%

FINISHED GRADE AT R/L

ORIGINAL GROUND AT R/L

VPT STA 129+11.62
VPT EL 772.48

VPC STA 138+42.79
VPC EL 775.46

STA 139+21
24" RCP REQ'D

785 780 775 770 765 760 755 750

771.65 771.96 771.63 772.05 771.75 772.17 772.03 772.30 772.18 772.44 772.30 772.60 772.44 772.76 772.64 772.92 772.91 773.08 773.16 773.24 773.37 773.40 773.45 773.56 773.63 773.73 773.78 773.89 773.98 774.05 774.04 774.21 774.13 774.37 774.35 774.53 774.47 774.69 774.59 774.85 774.80 775.01 775.01 775.17 775.21 775.33 775.34 775.49 775.50 775.65 775.73 775.81 776.05 775.98

127 128 129 130 131 132 133 134 135 136 137 138 139 140

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 85	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 03

PLOT DATE : 10/20/2025 12:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

RICHARD FISCHER

RICHARD FISCHER

N

MATCH LINE 154+00

STA. 140+70.59 CTH C =
STA. 500+00.00 BREEZE LANE
CONSTRUCT TYPE "D" INTERSECTION
SEE INTERSECTION DETAIL

CHARTER - COMMUNICATION

PC

PT

WPS - ELECTRIC

NSIGHT - COMMUNICATION

SI

EXISTING R/W

EXISTING R/W

CTH C

140 142 144 146 148 150 152

24" CMP

(REMAIN) 18" CMP

(REMAIN) 18" CMP

(REMAIN) 18" CMP

(REMAIN) 18" CMP

(REMAIN)

EXISTING R/W

R/W LINE
(TYP)

WE - GAS

CAUTION

SI

WPS - ELECTRIC

ASPH
PE

CABC
FE

BLDG

STA 500+41
REMOVE 24" CMP WITH ENDWALLS
1-24" X 88' CPRC WITH ENDWALLS REQ'D
STA 500+41.0, 53.0' RT TO STA 500+48.3, 34.7' LT

CONCRETE CURB AND GUTTER
6-INCH SLOPED 36-INCH TYPE D

501+00

BREEZE
LANE

MATCH LINE 140+00

DANIEL R JR & CONSTANCE J SZYMIK

JAMES M MURRAY
MEGAN L MURRAY

BRUCE J MAXSON
KIMBERLY MAXSON

JEFFERY P & LYNN M DRAFZ

MICHAEL LUEPKE

5

5

795 790 785 780 775 770 765 760

VCL = 750.00
K = 8390.37

VPC STA 150+50.87
VPC EL 780.08

VPI STA 151+50.87
VPI EL 780.49

VPT STA 152+50.87
VPT EL 780.43

VPC STA 152+86.95
VPC EL 780.40

FINISHED GRADE AT R/L

0.41%

-0.06%

ORIGINAL GROUND AT R/L

VPI STA 142+17.79
VPI EL 776.66

VPT STA 145+92.79
VPT EL 778.20

HP STA 152+25.41
HP EL 780.43

VCL = 200.00
K = 426.15

VCL = 900.00
K = 715.97

ORIGINAL GROUND AT R/L
FINISHED GRADE AT R/L

776.05 775.98 776.19 776.15 776.27 776.33 776.40 776.50 776.59 776.68 776.72 776.87 776.84 777.05 776.97 777.24 777.14 777.43 777.30 777.63 777.40 777.82 777.63 778.03 777.89 778.23 778.06 778.43 778.25 778.64 778.46 778.84 778.80 779.05 779.07 779.25 779.24 779.46 779.40 779.66 779.55 779.87 779.72 780.07 779.92 780.25 780.20 780.37 780.30 780.43 780.22 780.43 780.22 780.40 780.24 780.34 780.12 780.25

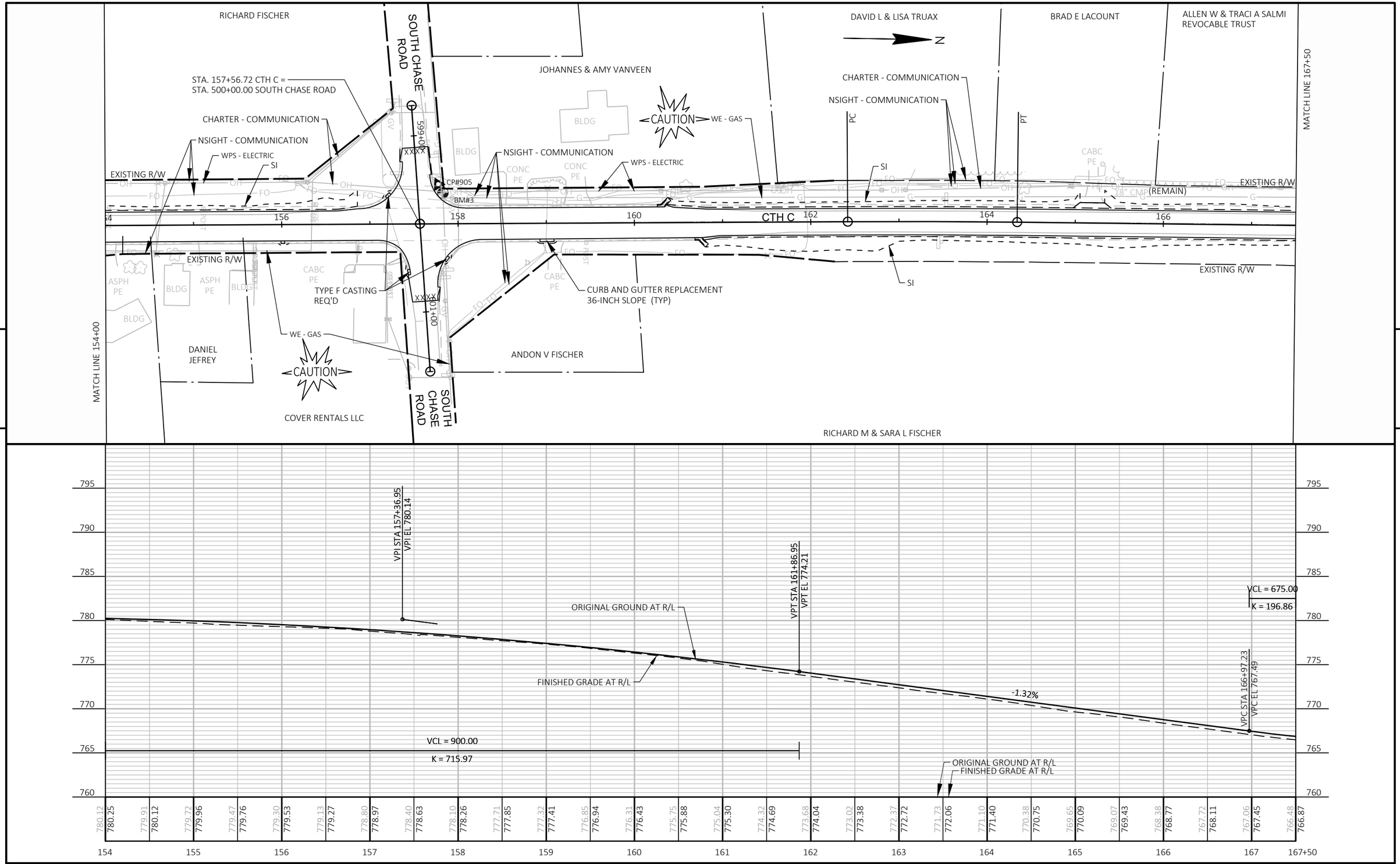
140 141 142 143 144 145 146 147 148 149 150 151 152 153 154

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 86	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 04

PLOT DATE : 10/20/2025 12:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

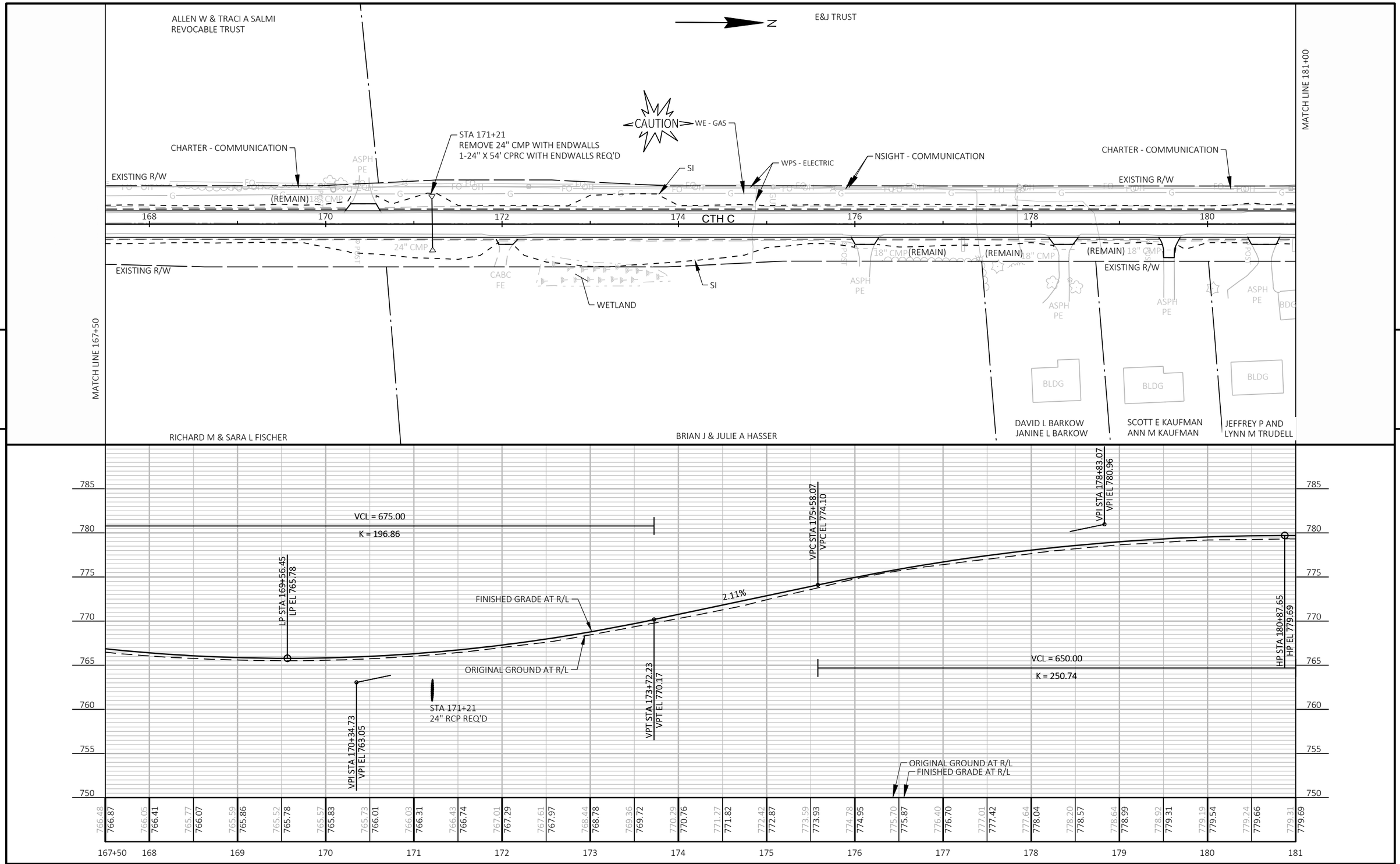


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 87	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 05

PLOT DATE : 10/20/2025 12:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

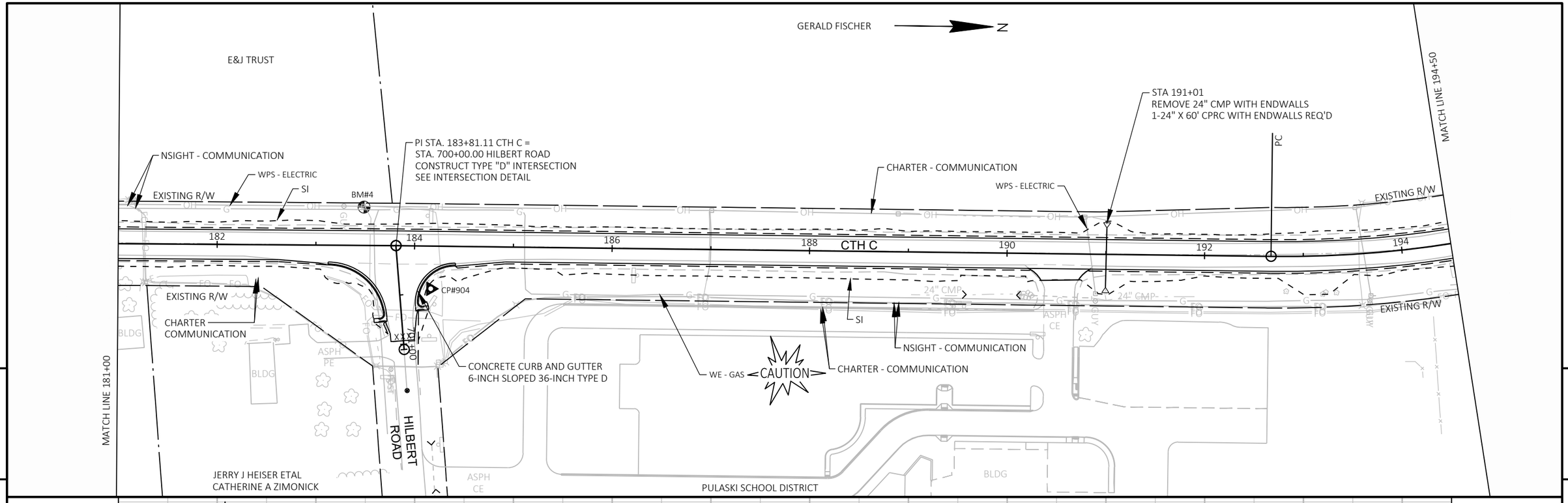


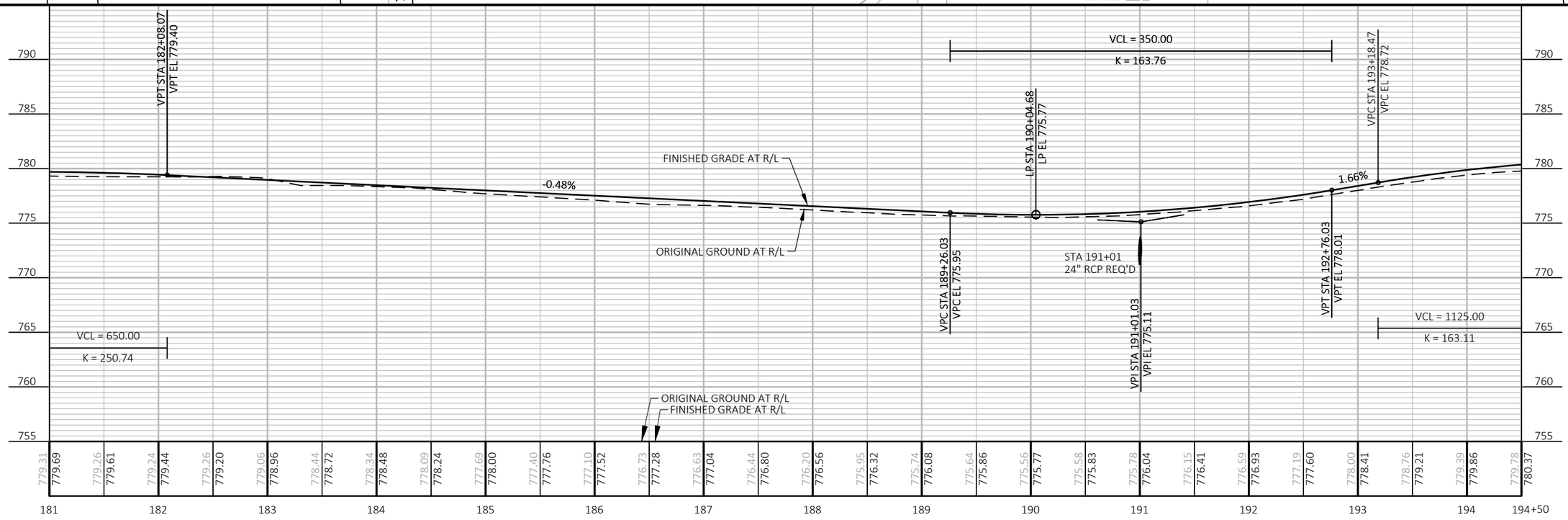
5

5

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 88 E

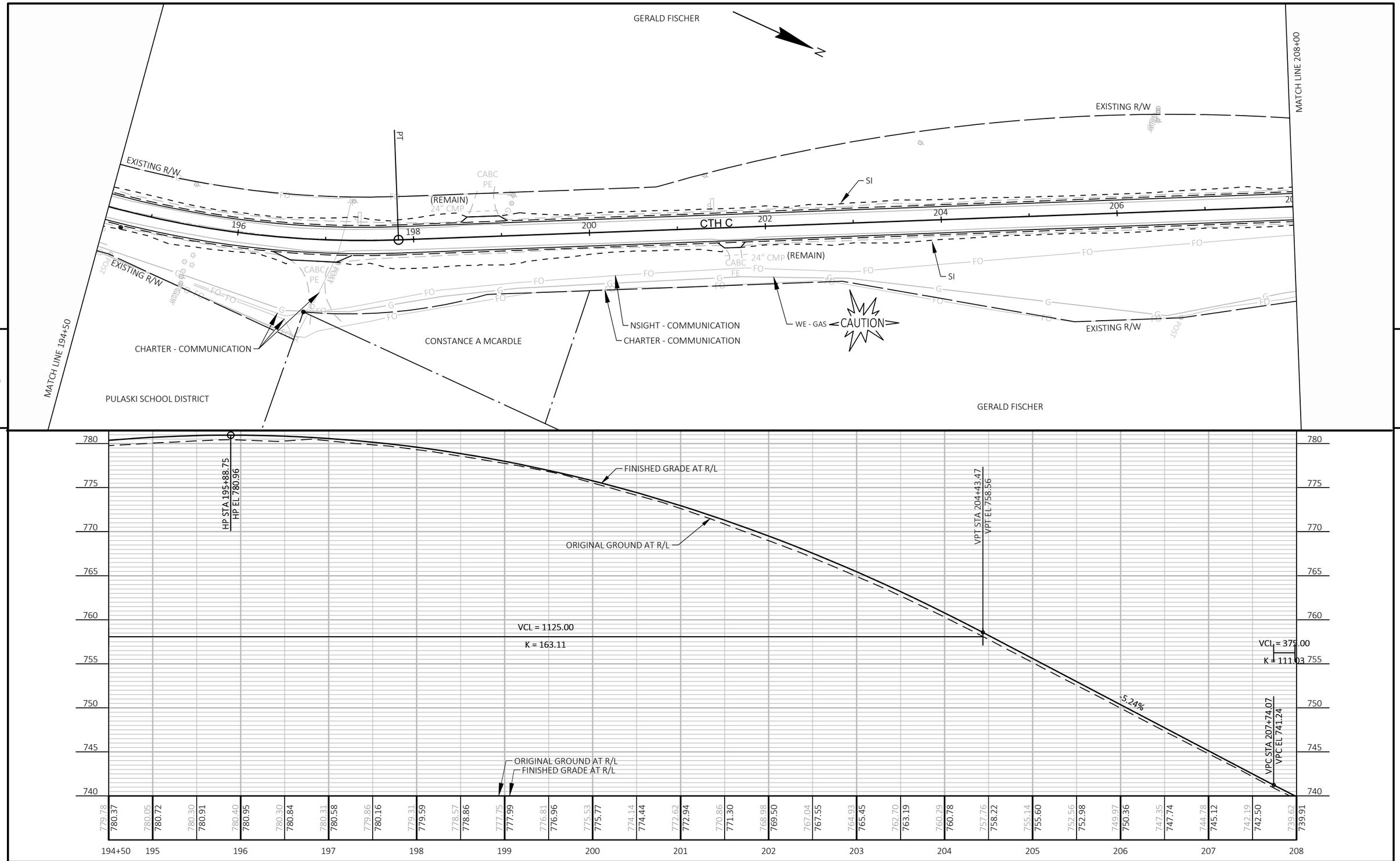
FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 06
PLOT DATE : 10/20/2025 12:13 PM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 89	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 07
PLOT DATE : 10/20/2025 12:13 PM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 90	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 08
PLOT DATE : 10/20/2025 12:13 PM
PLOT BY : JAKE NEERDAELS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

GERALD FISCHER

DAVID & ANGIE SHEEDLO

MATCH LINE 221+

MATCH LINE 208+00

EXCEPTION TO NET CENTERLINE
STA 212+12.45 TO 212+61.41

MGS BEAMGUARD REQUIRED
SEE CONSTRUCTION DETAIL FOR LAYOUT

MGS BEAMGUARD REQUIRED
SEE CONSTRUCTION DETAIL FOR LAYOUT

WPS - ELECTRIC

EXISTING R/W

SI

CHARTER - COMMUNICATION

(REMAIN) 24" CMP

WPS - ELECTRIC

EXISTING R/W

(REMAIN)

208 210 212 214 216 CTH C 218 220

CP#903

BM#5

(REMAIN) 24" CMP

LITTLE SUAMICO RIVER

SI

24" CMP
(REMAIN)

EXISTING R/W

NSIGHT - COMMUNICATION

CHARTER - COMMUNICATION

WE - GAS

CAUTION

NSIGHT - COMMUNICATION

GERALD FISCHER

KATHRYN A & BRENT J BLASER

5

5

750 745 740 735 730 725 720 715 712

VCL = 375.00
K = 111.03

VCL = 400.00
K = 137.62

-1.86%

0.53%

3.44%

VPI STA 209+61.57
VPI EL 731.41

VPT STA 211+49.07
VPT EL 727.92

STA 212+12.54
EL 726.74

STA 212+61.41
EL 726.36

VPC STA 212+95.07
VPC EL 726.54

FINISHED GRADE AT R/L

ORIGINAL GROUND AT R/L

VPI STA 214+95.07
VPI EL 727.60

VPT STA 216+95.07
VPT EL 734.48

ORIGINAL GROUND AT R/L
FINISHED GRADE AT R/L

739.62 739.91 737.24 737.52 735.07 735.36 733.22 733.41 731.69 731.70 730.19 730.21 728.76 728.94 727.57 727.90 726.73 726.97 712.91 726.45 726.29 726.57 726.64 726.94 727.35 727.50 728.17 728.24 728.83 729.16 729.91 730.26 731.18 731.54 732.65 733.01 734.32 734.65 736.05 736.37 737.92 738.09 739.66 739.81 741.44 741.53 743.06 743.25 744.69 744.97 746.41 746.69 748.06 748.41 749.87 750.13

208 209 210 211 212 213 214 215 216 217 218 219 220 221 221+50

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 91	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 09

PLOT DATE : 10/20/2025 12:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

POTT FAMILY LAND LLC

THOMAS R & LINDA L POTTS

N

MATCH LINE 235+00

POTTS LANE

STA 799+38
REMOVE 24" CMP WITH ENDWALLS
1-24" X 114' CPRC WITH ENDWALLS REQ'D
STA 799+51.4, 60.2' RT TO STA 799+26.9, 51.1' LT

CONCRETE CURB AND GUTTER
6-INCH SLOPED 36-INCH TYPE D

NSIGHT - COMMUNICATION

CHARTER - COMMUNICATION

SI

DAVID & ANGIE SHEEDLO

CHARTER - COMMUNICATION
WPS - ELECTRIC

EXISTING R/W

MGS BEAMGUARD REQUIRED
SEE CONSTRUCTION DETAIL FOR LAYOUT

STA. 223+91.17 CTH C =
STA. 800+00.00 POTTS LANE
STA. 800+00.00 FAGER LANE
CONSTRUCT MODIFIED TYPE "D" INTERSECTION
SEE INTERSECTION DETAIL

WE - GAS

NSIGHT - COMMUNICATION

MATCH LINE 221+50

FAGER LANE

KATHRYN A & BRENT J BLASER

IAN D ESTANO

CTH C

CAUTION

WPS - ELECTRIC

NSIGHT - COMMUNICATION

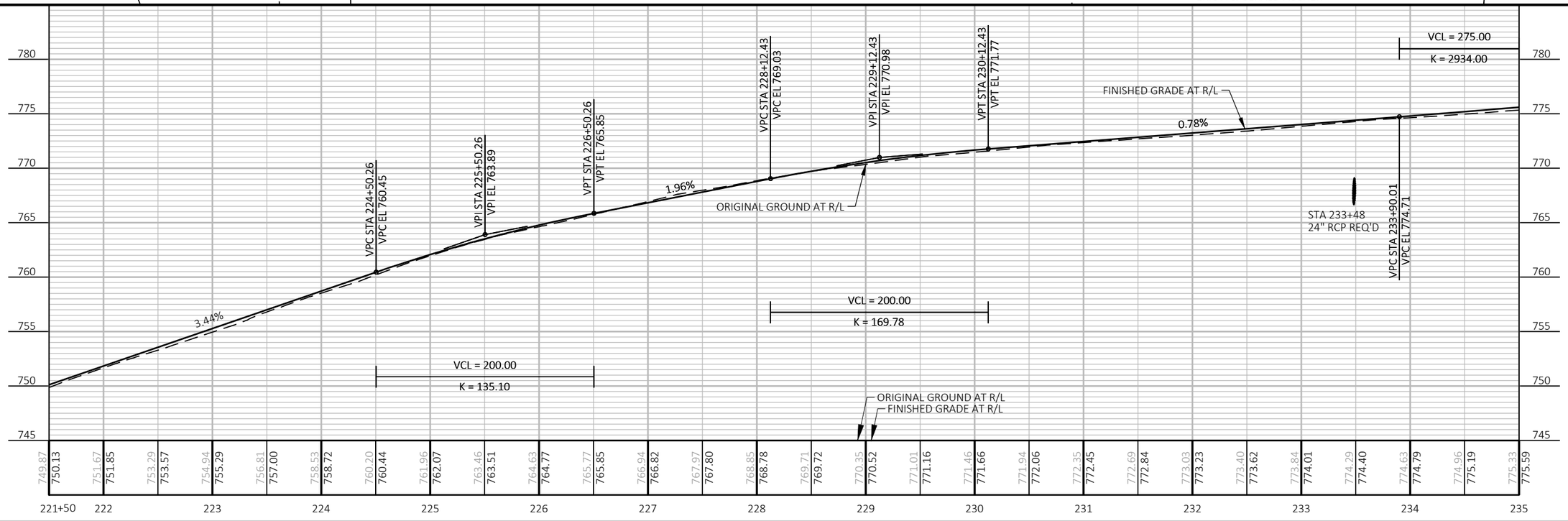
SI

EXISTING R/W

24" CMP (REMAIN)

STA 233+48
REMOVE 24" CMP WITH ENDWALLS
1-24" X 64' CPRC WITH ENDWALLS REQ'D

ERIC A & GERALD FISCHER

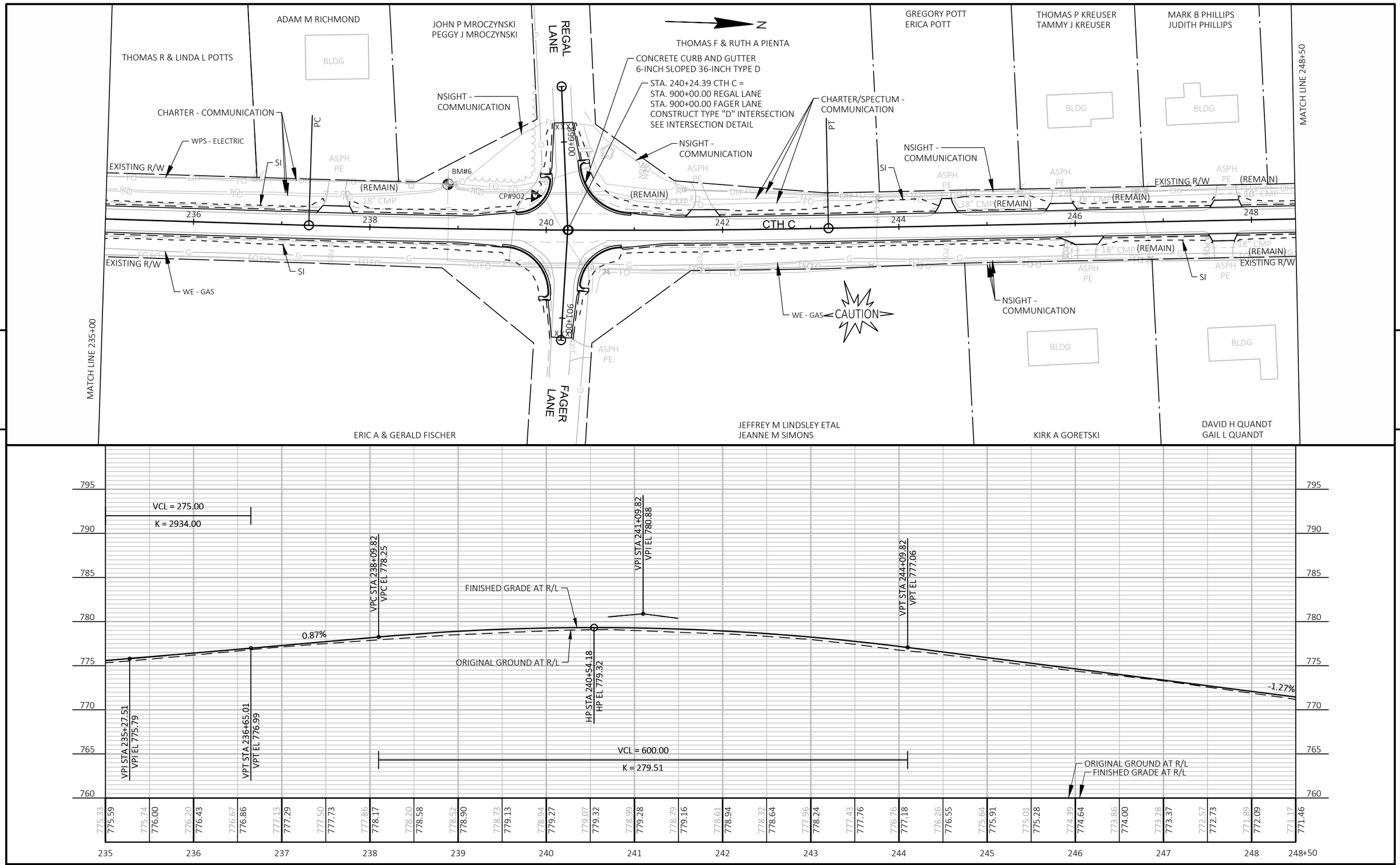


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 92	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 10

PLOT DATE : 10/20/2025 12:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 93	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 11

PLOT DATE : 10/20/2025 12:14 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

PAULA STARK

ROBYN SURPRISE

IRVING B & MARGARET J SURPRISE

KEVIN J SURPRISE

MATCH LINE 260+00

MATCH LINE 248+50

CHARTER - COMMUNICATION

NSIGHT - COMMUNICATION

CHARTER/SPECTUM - COMMUNICATION

SI

WPS - ELECTRIC

STA. 252+62.22 CTH C =
STA. 1000+00.00 SAINDON ROAD
CONSTRUCT TYPE "D"INTERSECTION
SEE INTERSECTION DETAIL

STA 254+17
REMOVE 36" CMP WITH ENDWALLS
1-36" X 58' CPRC WITH ENDWALLS REQ'D
STA 253+99.0, 24.2' LT TO STA 254+32.5, 23.8' RT

NSIGHT - COMMUNICATION

CHARTER - COMMUNICATION

EXISTING R/W

(REMAIN)

CTH C

CAUTION

WE - GAS

NSIGHT - COMMUNICATION

CONCRETE CURB AND GUTTER
6-INCH SLOPED 36-INCH TYPE D

SAINDON ROAD

NSIGHT - COMMUNICATION

EXISTING R/W

JEANNE D WROBLEWSKI REVOCABLE LIVING TRUST

DAVID H AND GAIL L QUANDT

TERRANCE R VIEGUT

SCOTT A SYLVESTER

RAPHAEL J MAJEWSKI
GERALDINE L MAJEWSKI

RAPHAEL J MAJEWSKI
GERALDINE L MAJEWSKI

JOHN L HACZYNSKI
MARY L HACZYNSKI

VCL = 550.00
K = 321.01

VCL = 150.00
K = 165.28

LP STA 256+64.11
LP EL 763.70

FINISHED GRADE AT R/L

ORIGINAL GROUND AT R/L

0.44%

VPC STA 252+55.65
VPC EL 766.30

STA 254+17
36" RCP REQ'D

VPI STA 255+30.65
VPI EL 762.80

VPT STA 258+05.65
VPT EL 764.01

VPC STA 258+57.16
VPC EL 764.24

VPI STA 259+32.16
VPI EL 764.57

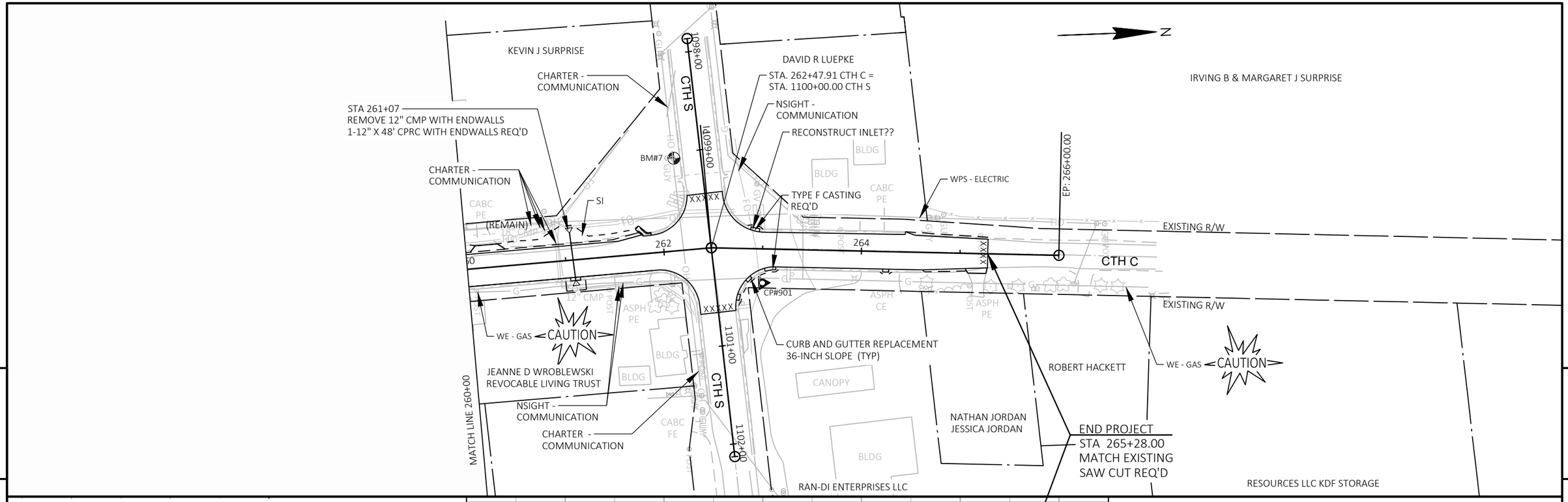
ORIGINAL GROUND AT R/L
FINISHED GRADE AT R/L

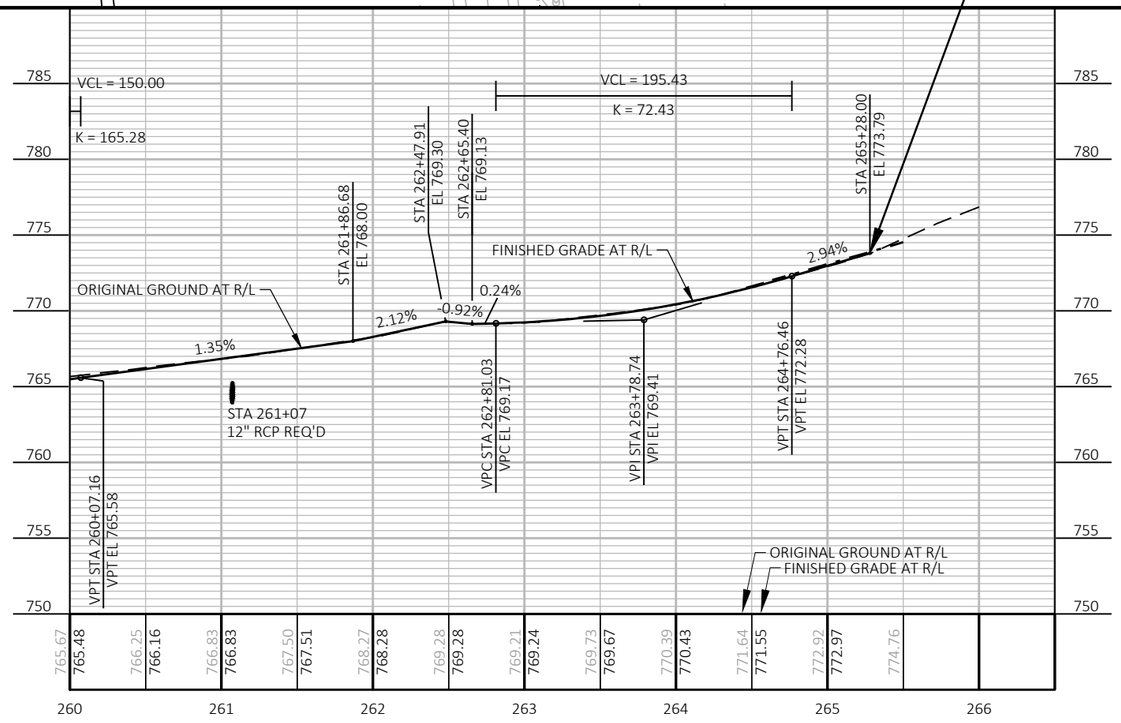
780 775 770 765 760 755 750 745

771.17 771.46 770.38 770.82 769.65 770.19 769.02 769.55 768.47 768.91 767.92 768.28 767.37 767.64 766.76 767.00 766.10 766.37 765.60 765.76 765.15 765.23 764.70 764.78 764.24 764.41 763.83 764.12 763.50 763.90 763.40 763.76 763.44 763.70 763.59 763.72 763.79 763.81 763.98 763.99 764.16 764.21 764.55 764.48 765.07 764.91 765.67 765.48

248+50 249 250 251 252 253 254 255 256 257 258 259 260

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 94	E





PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PLAN AND PROFILE: CTH C	SHEET 95	E

Standard Detail Drawing List

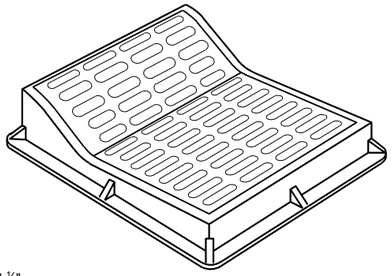
08A05-22C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ & HM-GJ-S
08D01-24A	CONCRETE CURB & GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
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
13C19-03	HMA LONGITUDINAL JOINTS
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B53-03A	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03B	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03C	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03D	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03F	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03G	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03H	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14B53-03I	SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)
14D01-01	TURTLE EXCLUSION FENCE CLIMBING TURTLE
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
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
15C06-12	SIGNING & MARKING FOR TWO LANE BRIDGES
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING

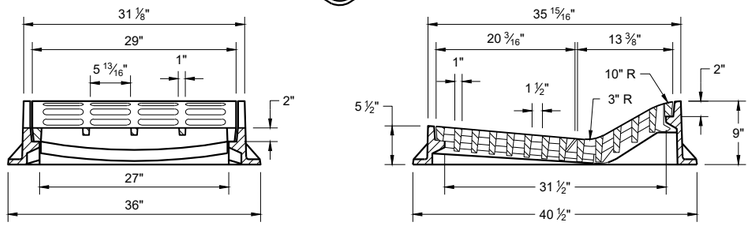
6

GENERAL NOTES

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

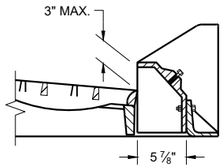
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





TYPE "F"

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

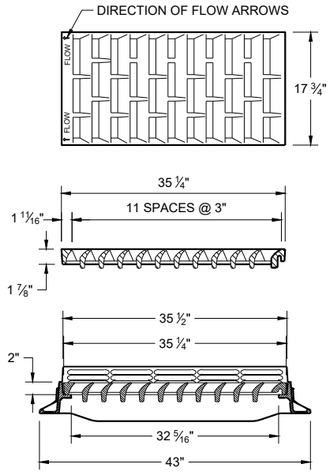


ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

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

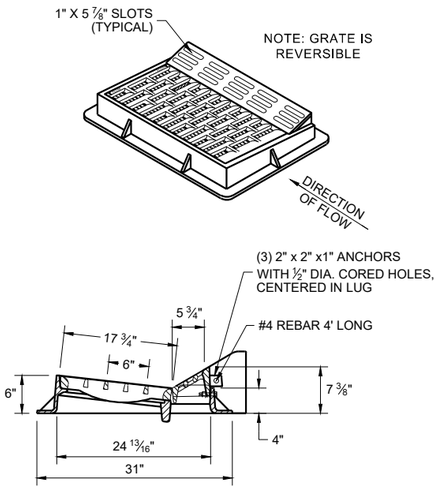
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

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



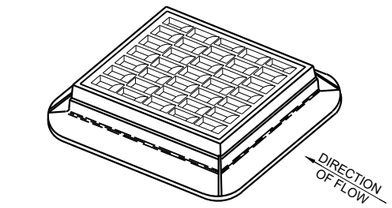
TYPE "HM"

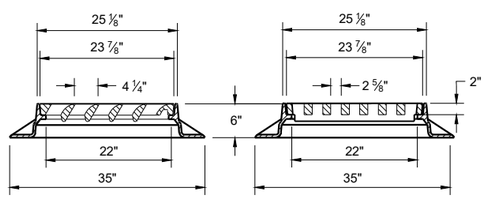
USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"



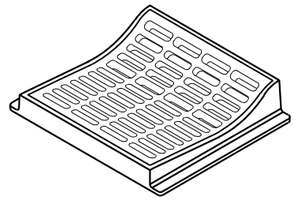
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

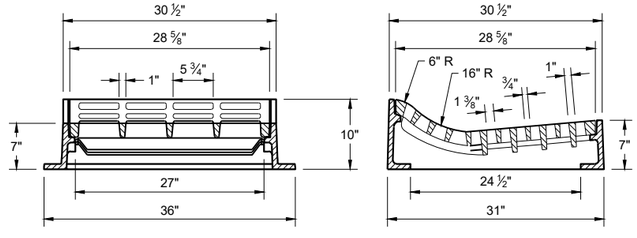
NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.





TYPE "S"





TYPE "T"

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

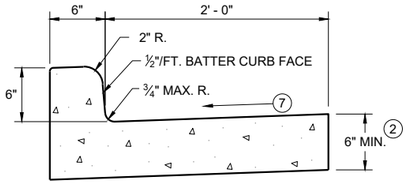
INLET COVERS
TYPES F, HM, HM-S, S, T, HM-GJ AND HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

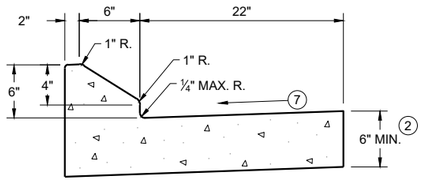
APPROVED
February 2025 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

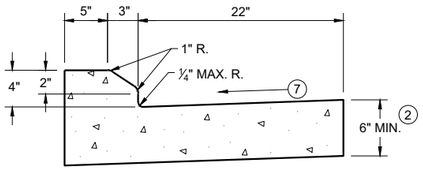
6
SDD 08A05-22c



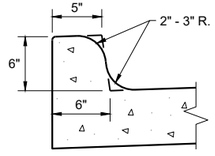
TYPES A (1) & D



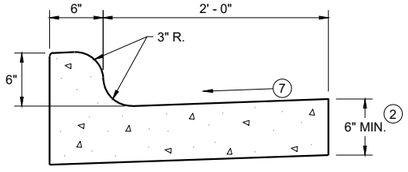
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

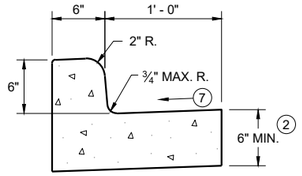


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



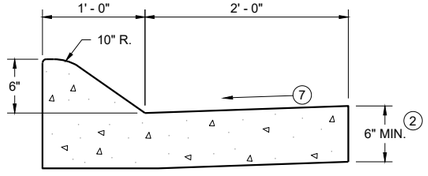
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

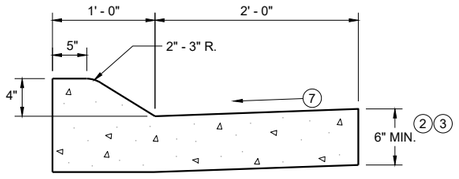


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

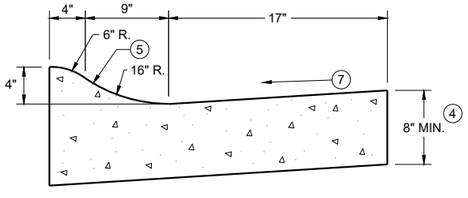


6" SLOPED CURB TYPES A (1) & D



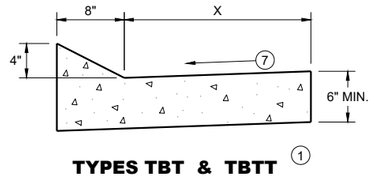
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



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

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

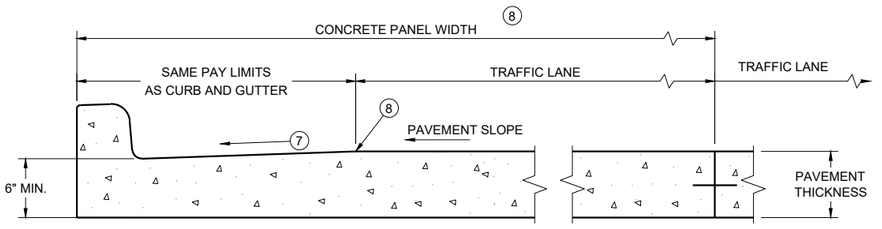


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

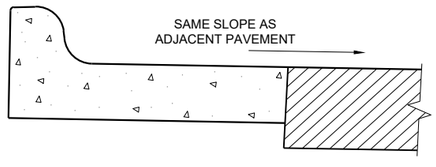
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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



PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB AND GUTTER *

* BIKE LANE IS NOT SHOWN



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

GENERAL NOTES

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

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

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

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

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

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

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

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

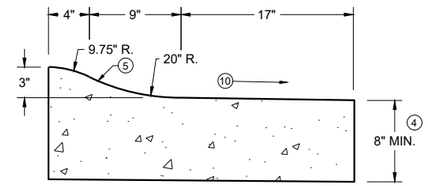
(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

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

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

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

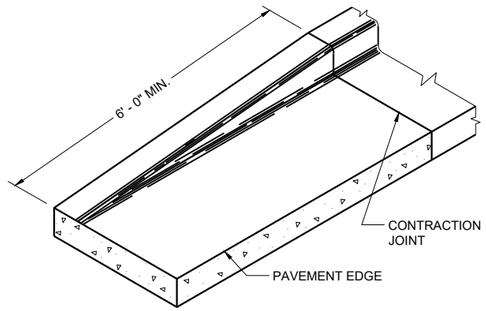
(9) SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



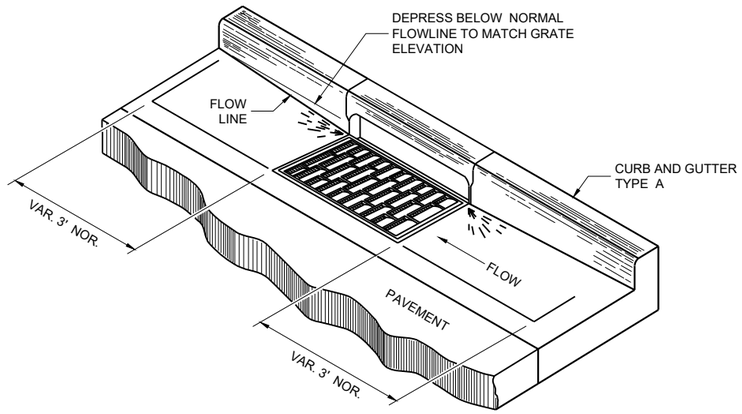
3" SLOPED CURB TYPES R (1) & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

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

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

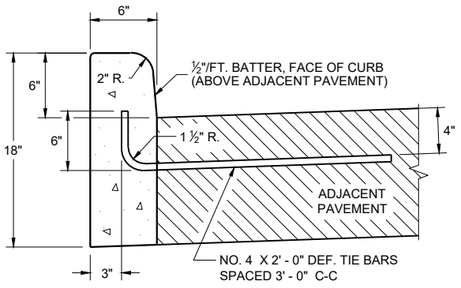
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

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

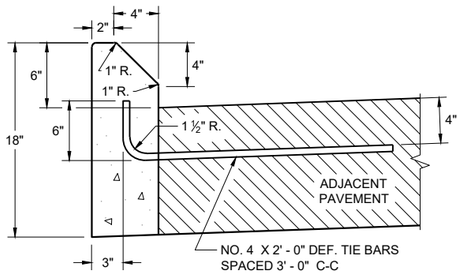
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

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

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

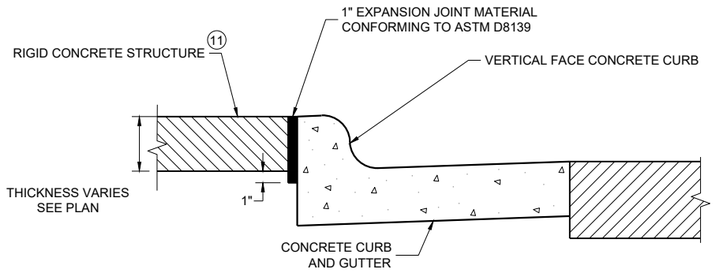


TYPES A (1) & D

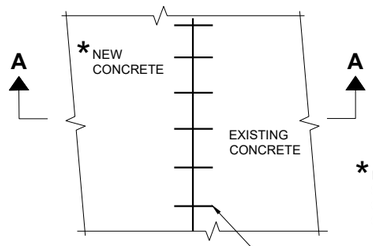


TYPES G (1) & J

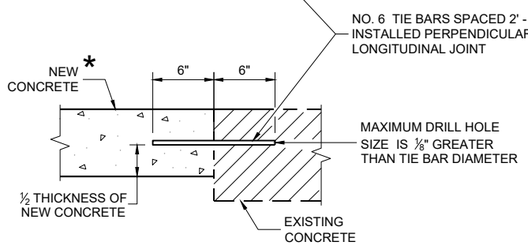
CONCRETE CURB



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

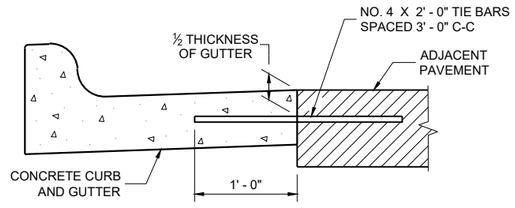


PLAN VIEW

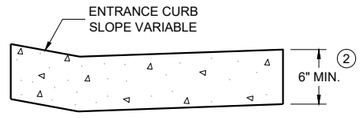


SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

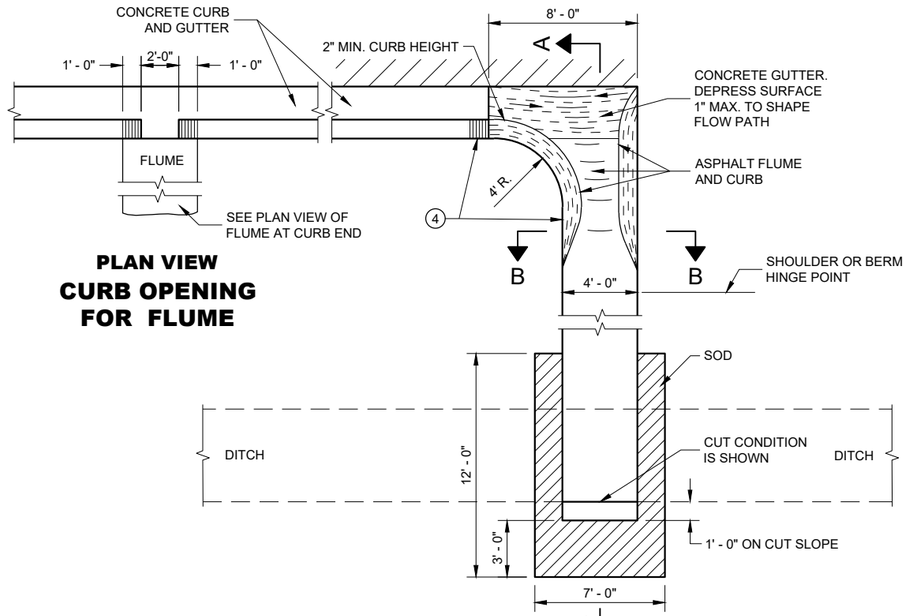
APPROVED
February 2025 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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SDD 08D01-24b

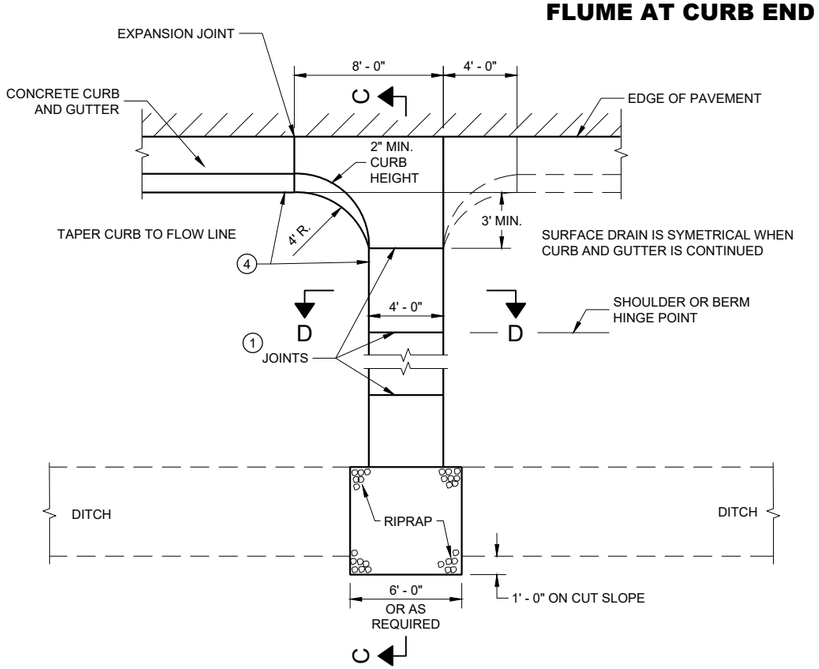
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



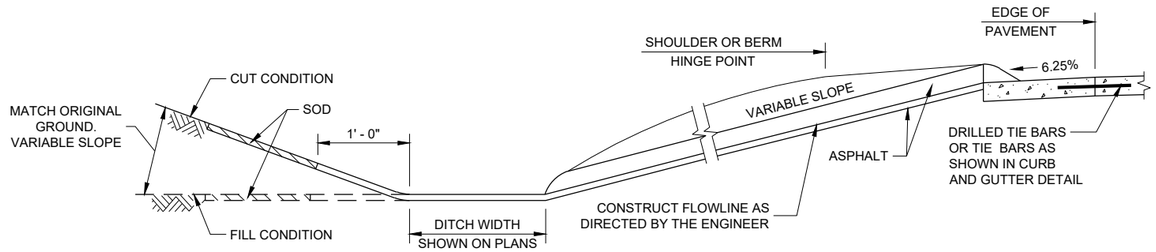
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

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

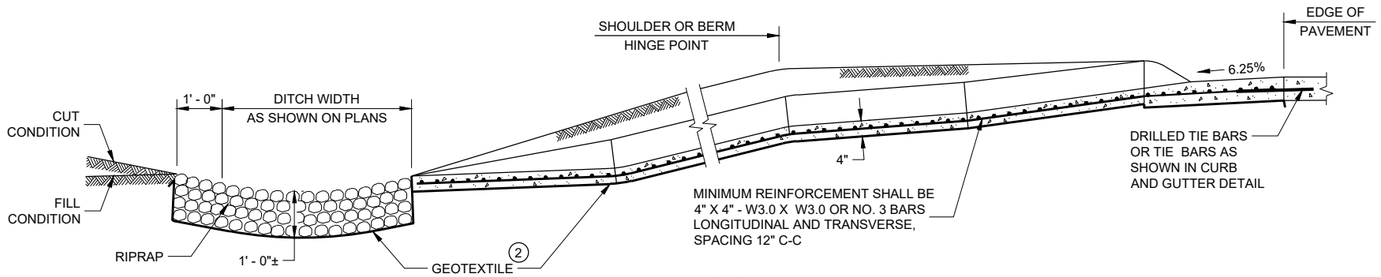
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

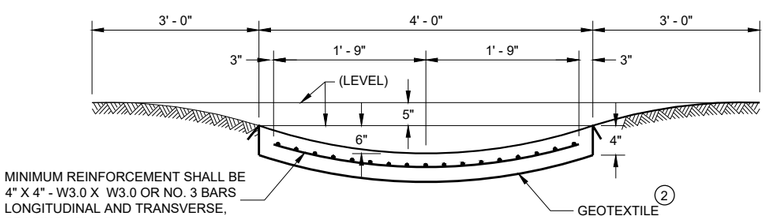


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

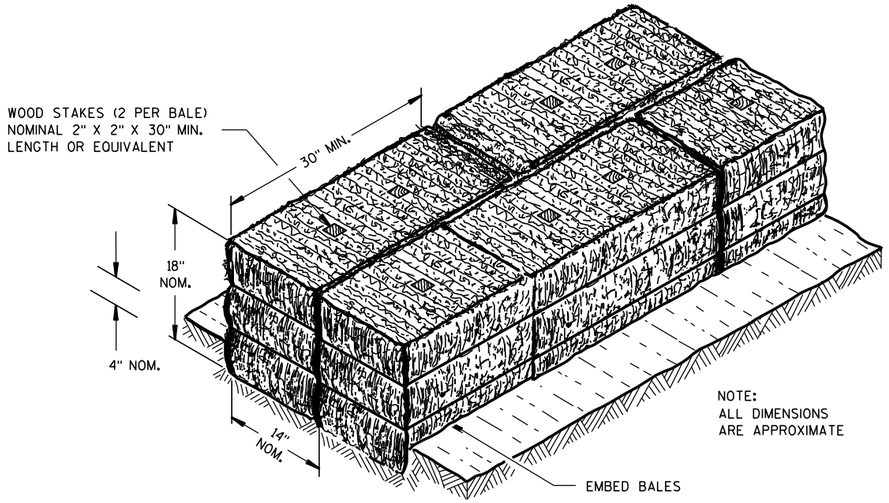
FHWA

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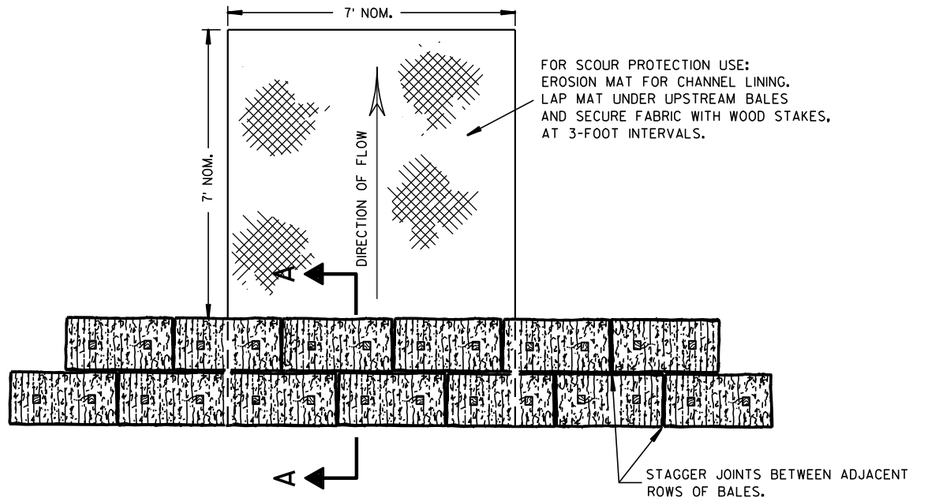
SDD 08D04 - 07

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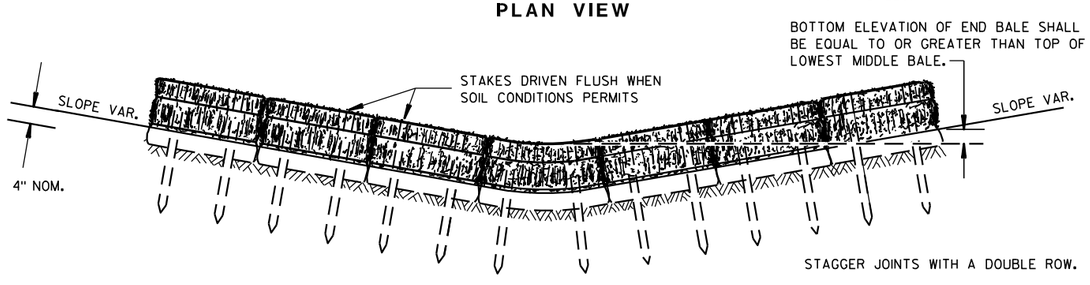
SDD 08D04 - 07



SECTION A-A



PLAN VIEW



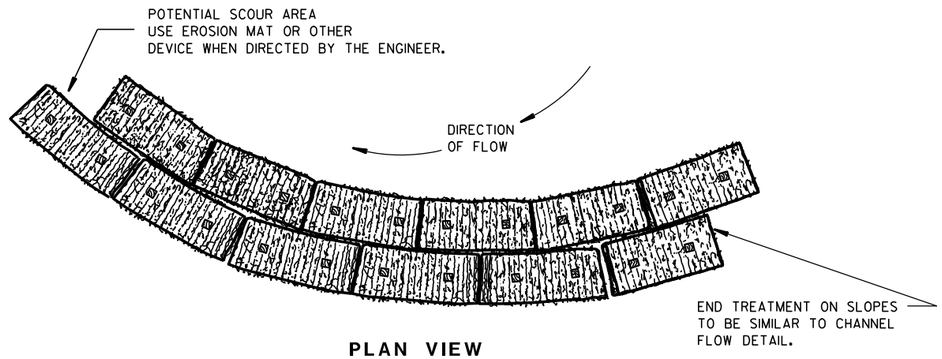
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

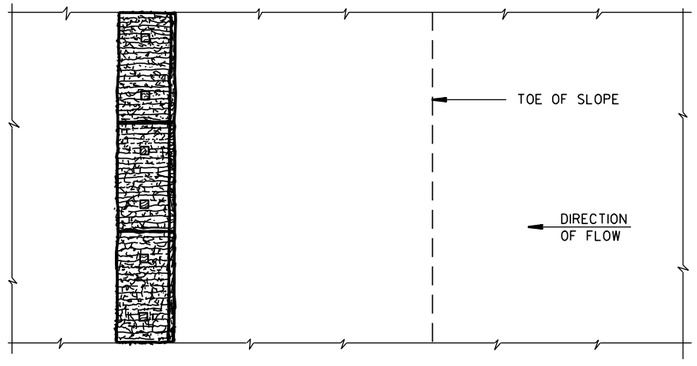
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

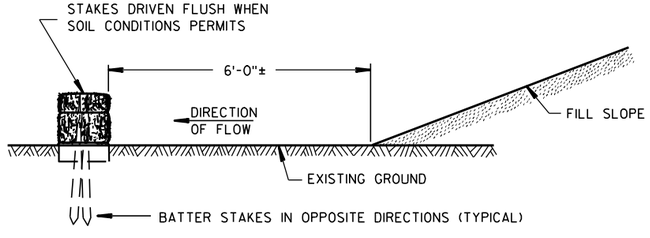


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 DATE — /S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

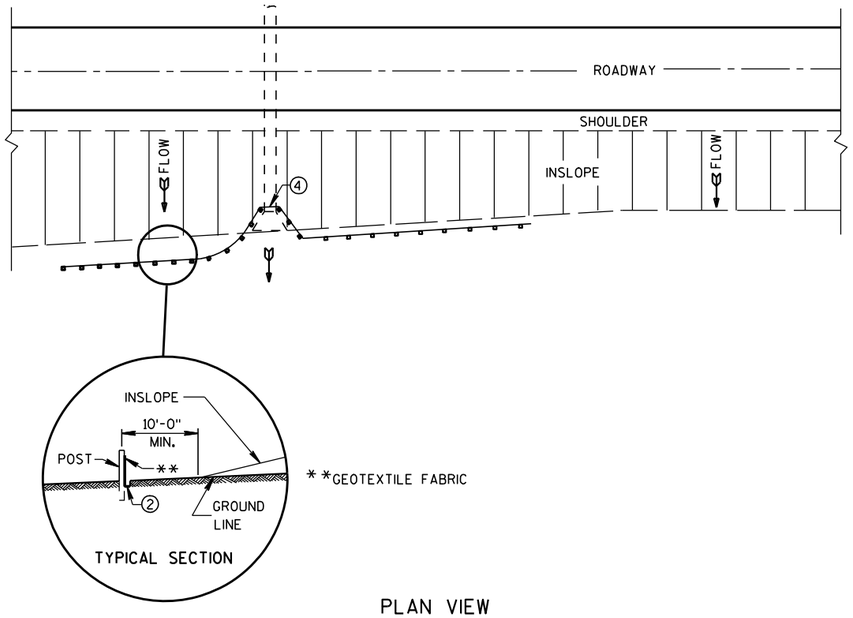
FHWA

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S.D.D. 8 E 8-3

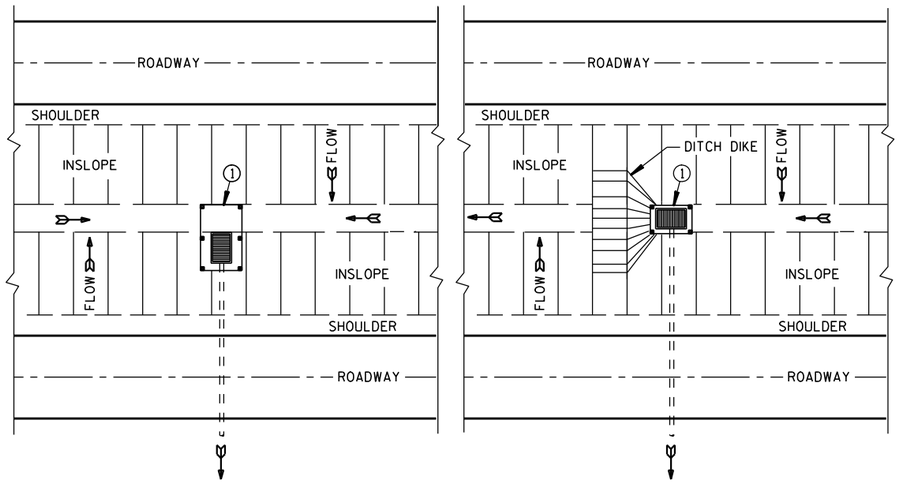
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S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



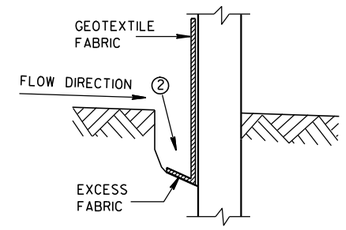
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

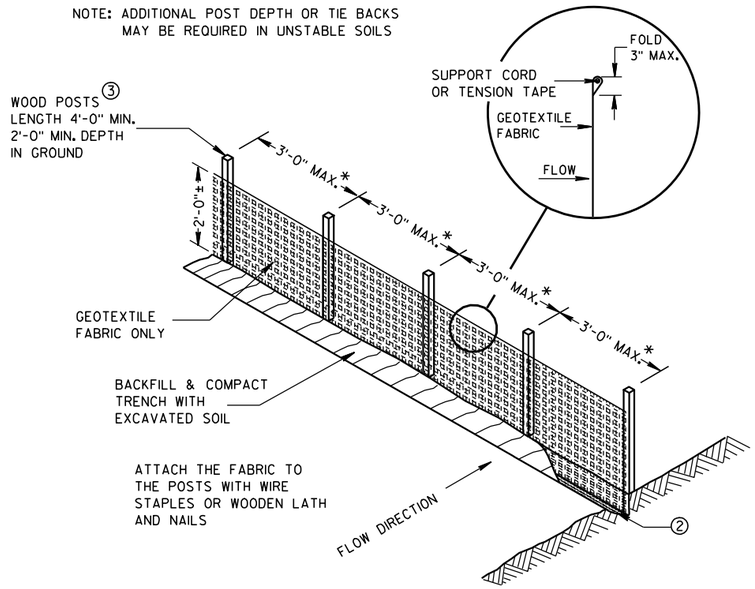
GENERAL NOTES

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

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

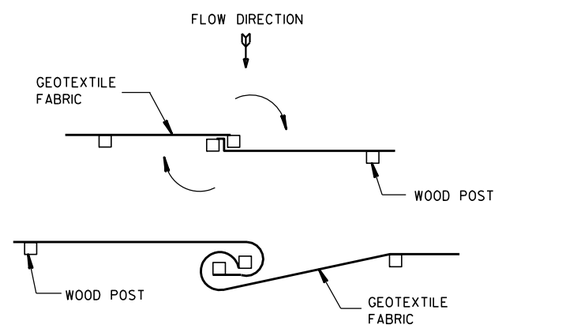


TRENCH DETAIL

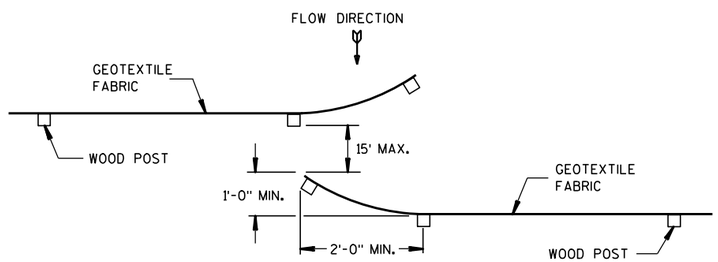


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

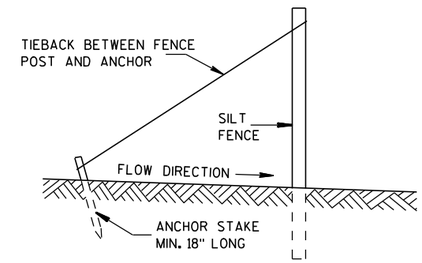


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

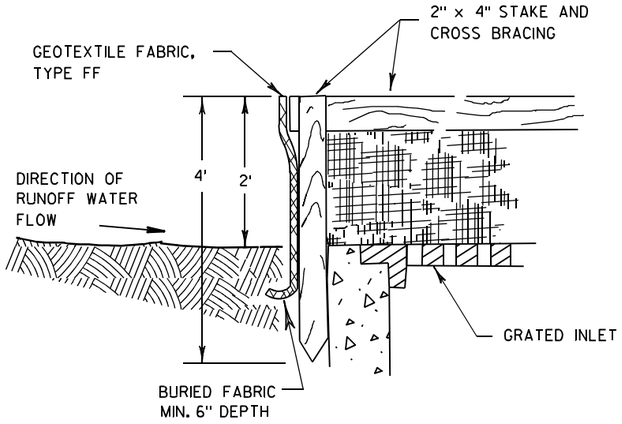
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

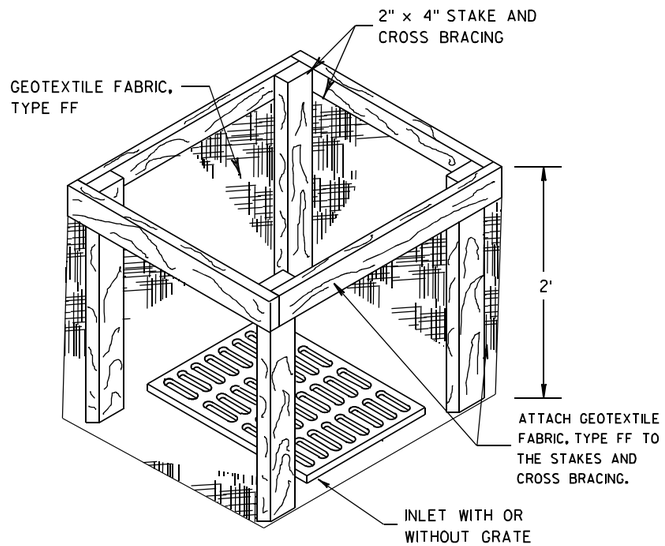
6

S.D.D. 8 E 9-6

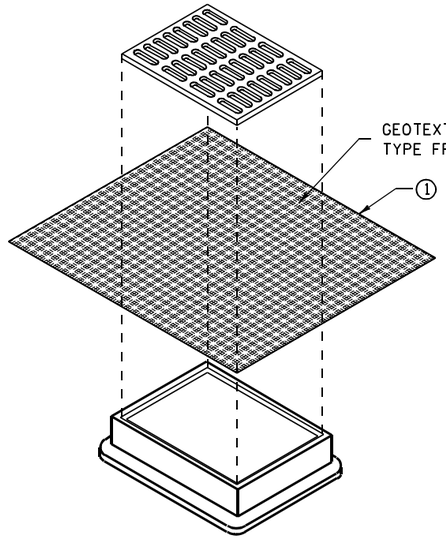
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S.D.D. 8 E 9-6



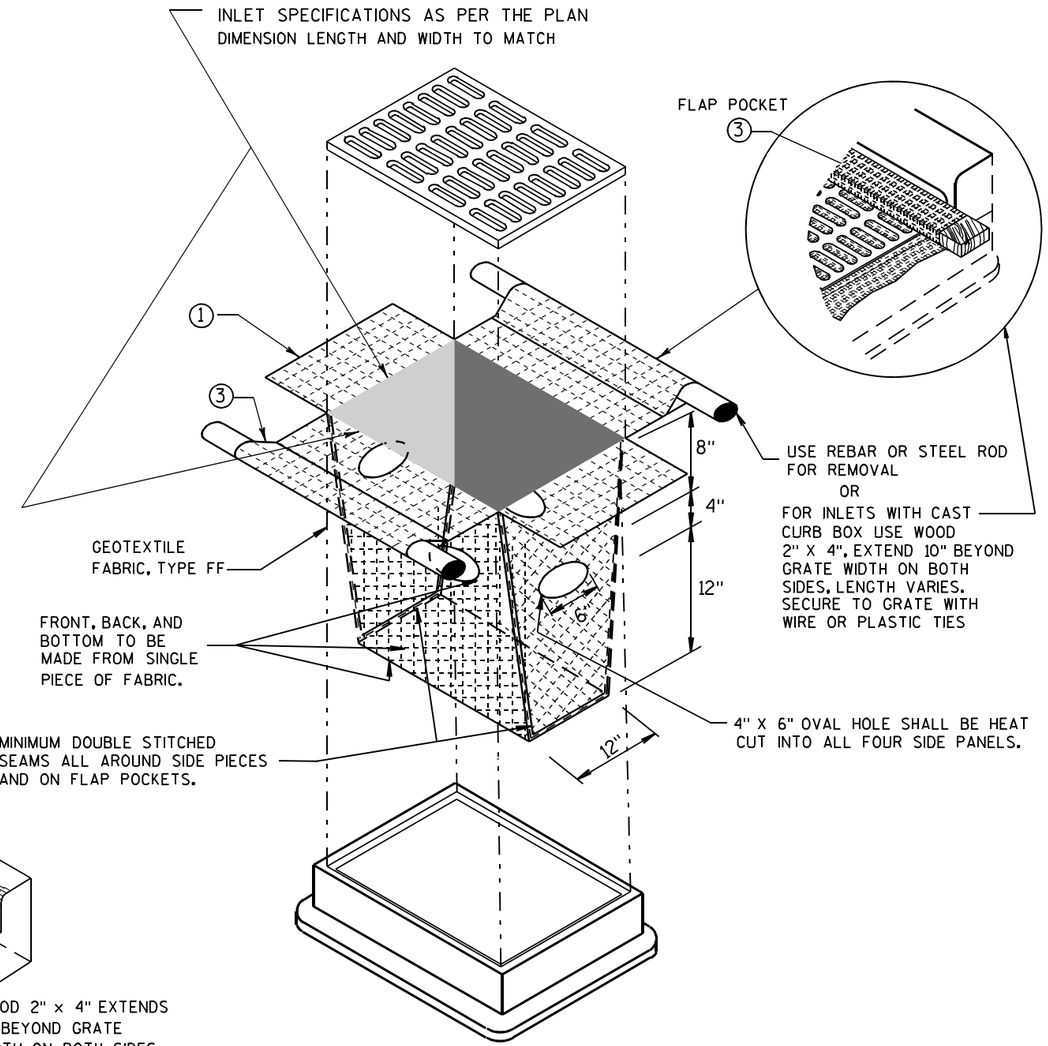


INLET PROTECTION, TYPE A



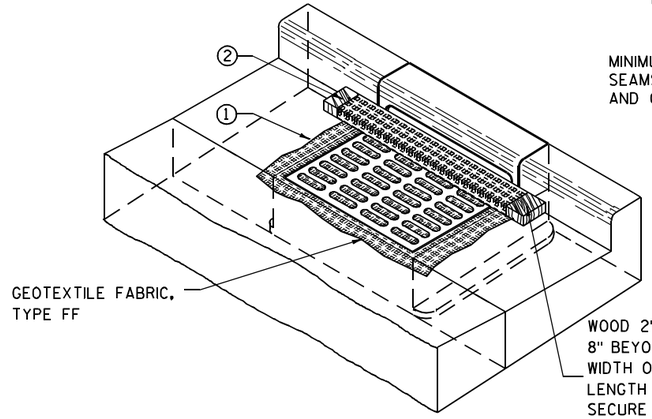
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE D

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



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

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

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

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

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

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

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

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

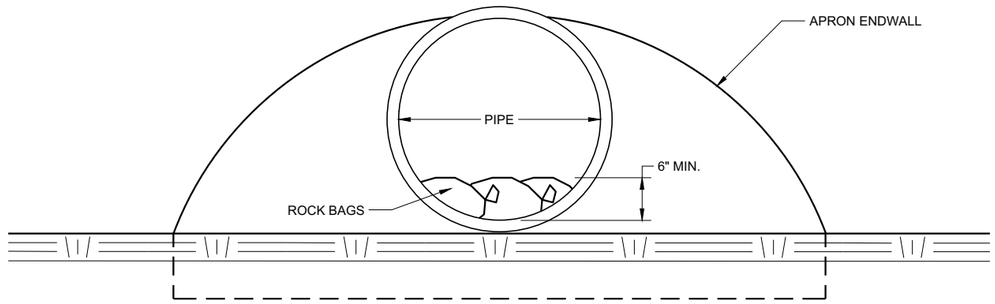
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE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

INLET PROTECTION
TYPE A, B, C, AND D

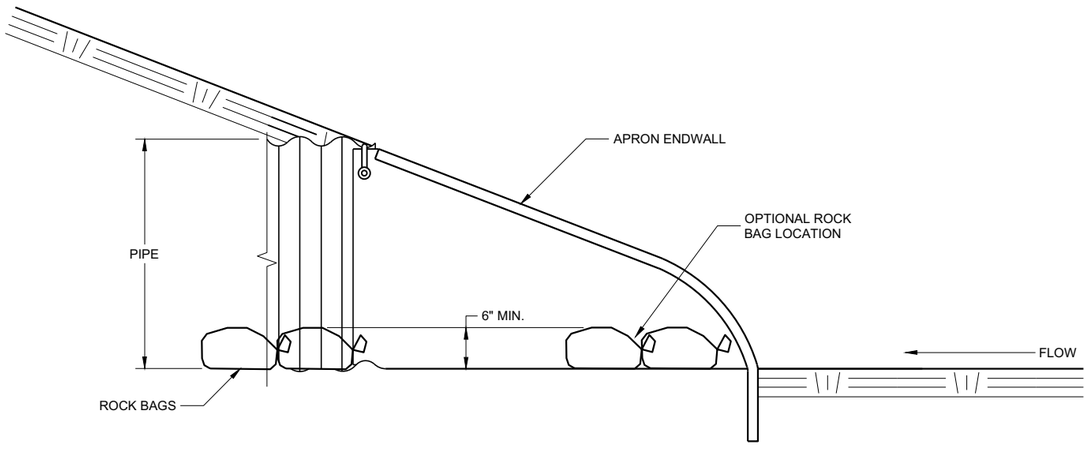
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

6

SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

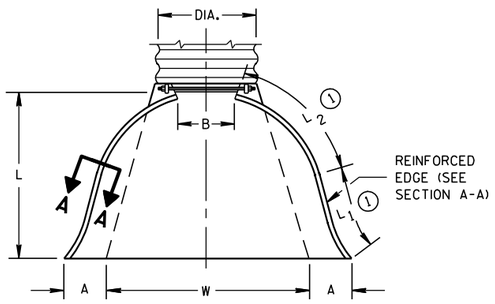
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

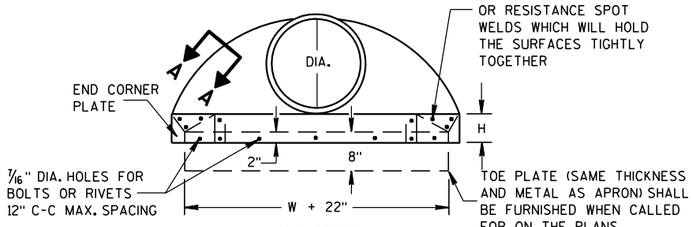
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

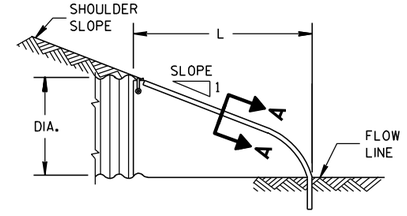
*MINIMUM
**MAXIMUM



PLAN VIEW

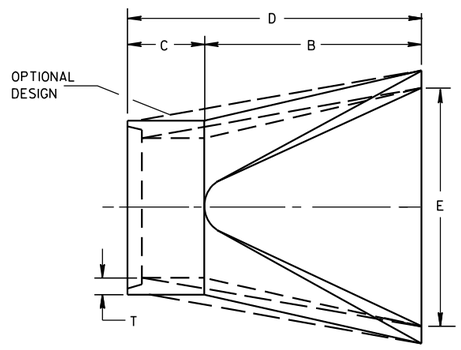


END VIEW

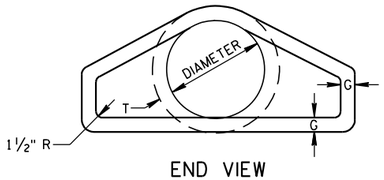


SIDE ELEVATION

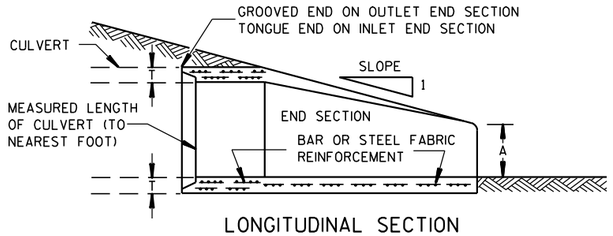
METAL ENDWALLS



PLAN

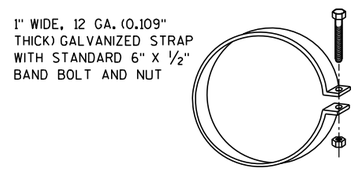


END VIEW



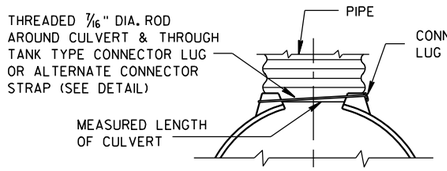
LONGITUDINAL SECTION

CONCRETE ENDWALLS

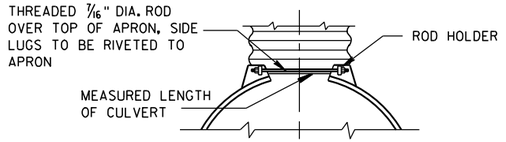


ALTERNATE FOR TYPE 1 CONNECTION

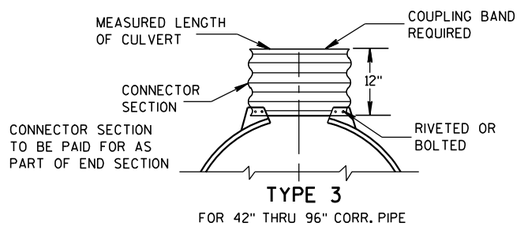
END SECTION CONNECTOR STRAP



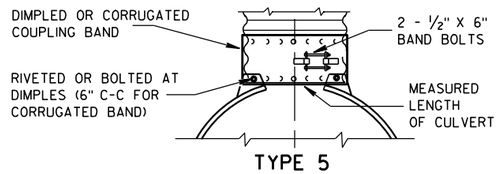
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

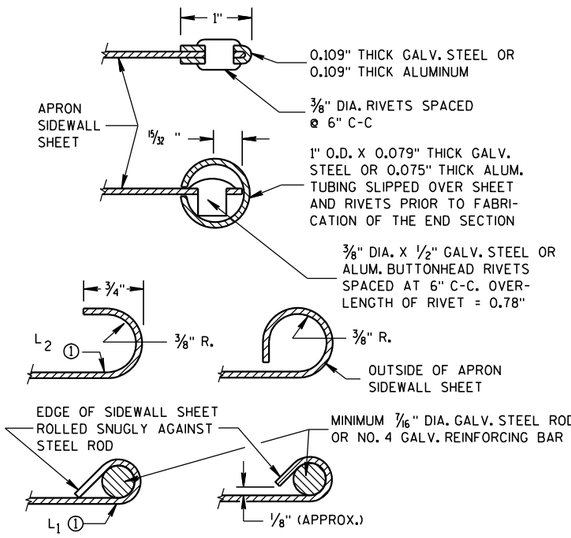
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

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

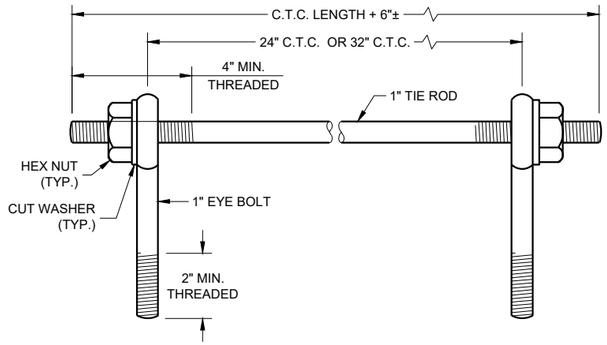
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

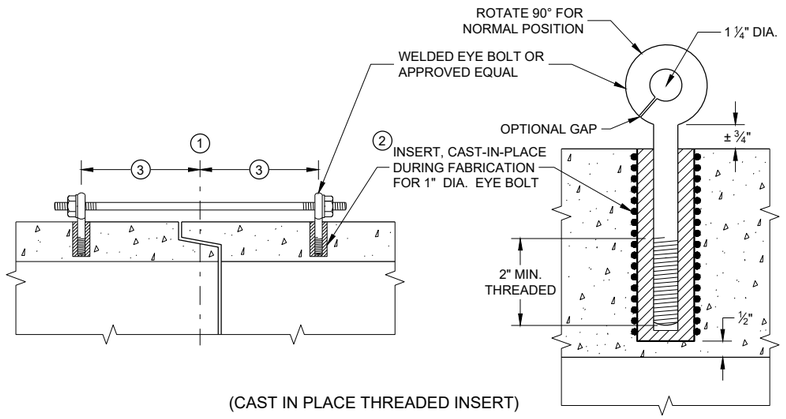
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

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

GENERAL NOTES

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

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

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

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

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

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

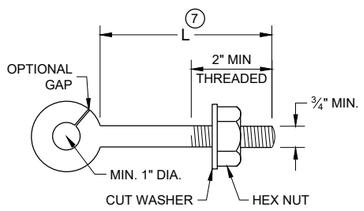
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

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

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

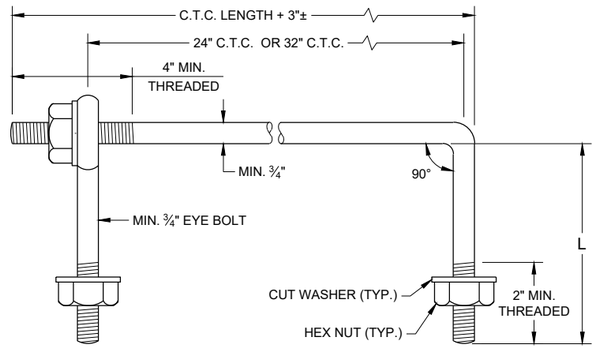
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

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

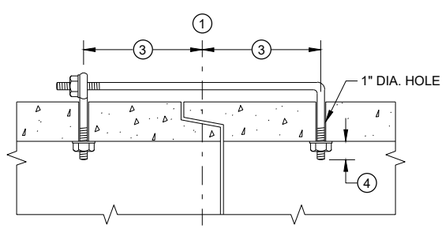


EYE BOLT (7)

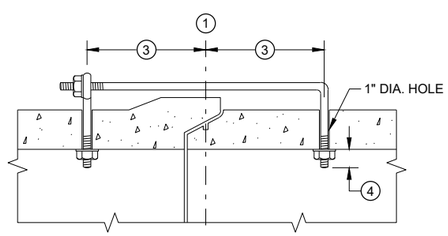
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

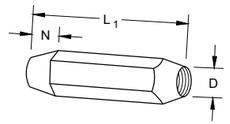
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

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

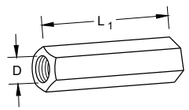
ADJUSTABLE TIE ROD TABLE

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

DIMENSIONS SHOWN ARE IN INCHES



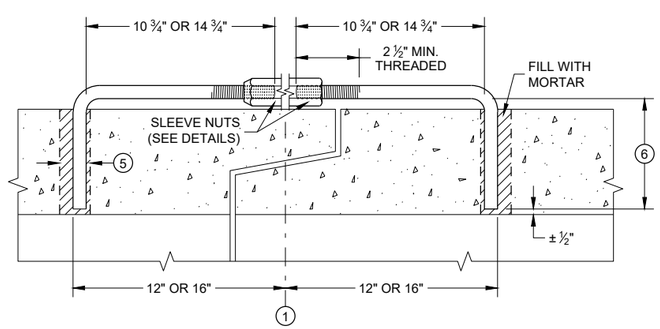
TAPERED



PLAIN

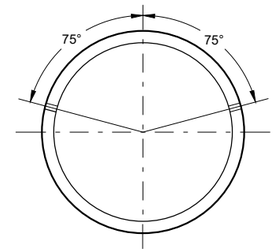
RIGHT AND LEFT THREADS

SLEEVE NUTS



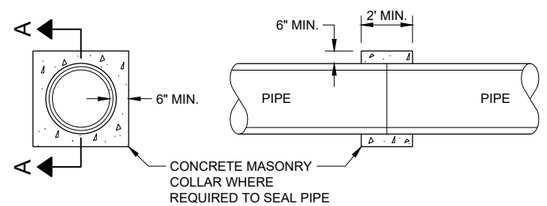
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



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

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

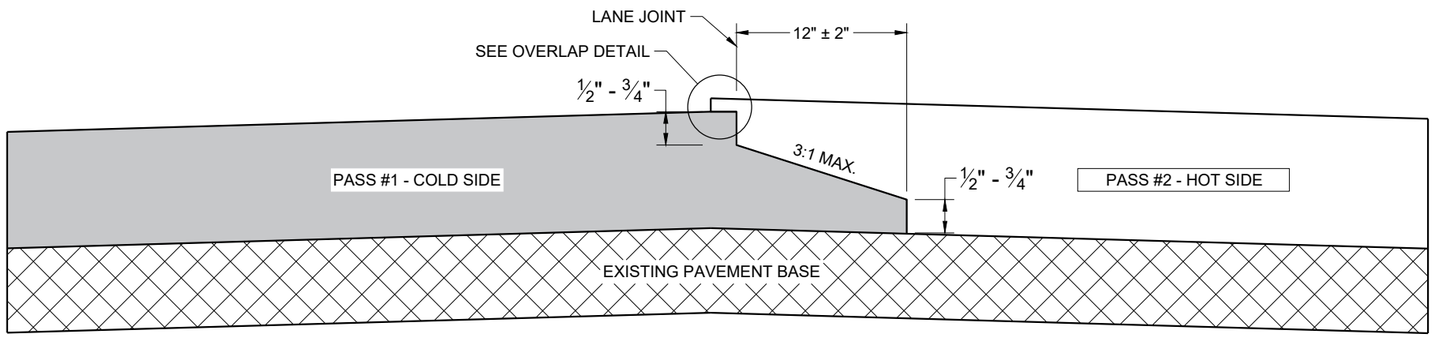
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

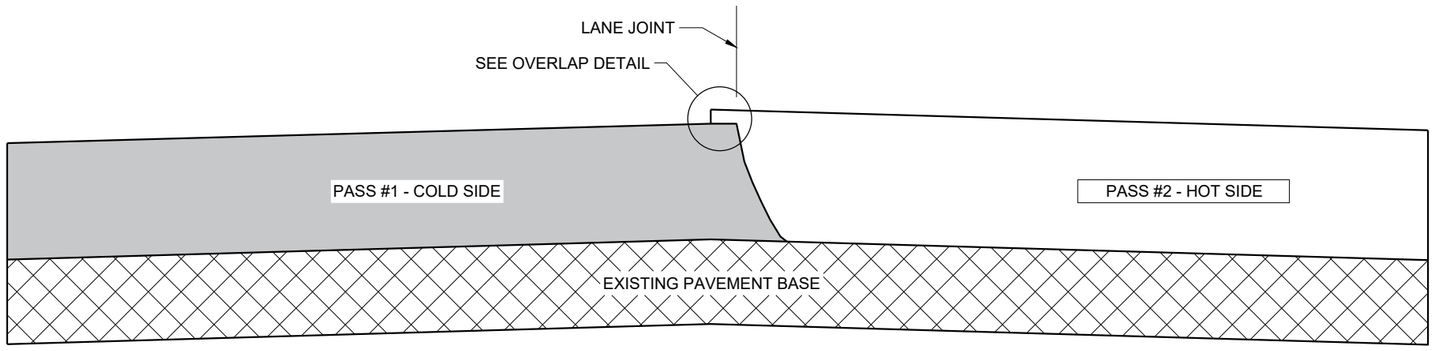
FHWA

SDD 08F04 - 08

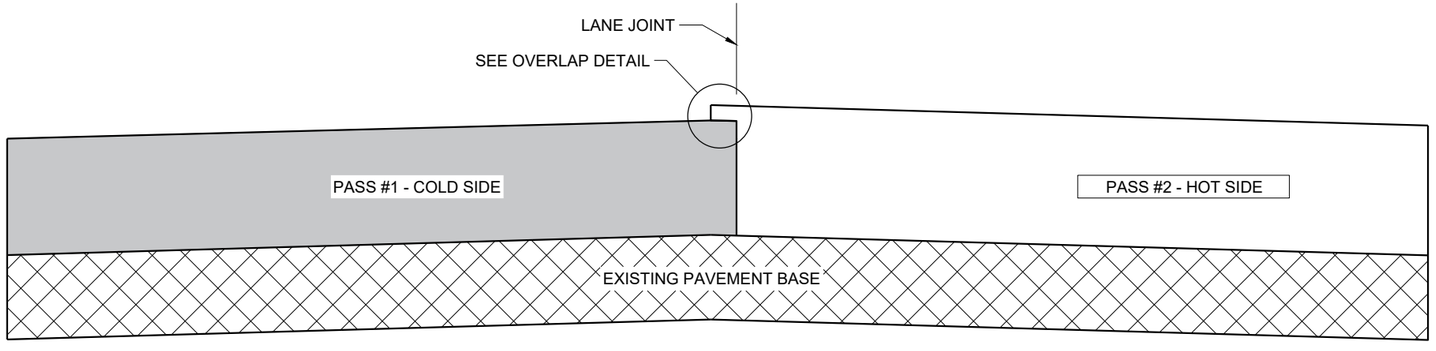
SDD 08F04 - 08



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

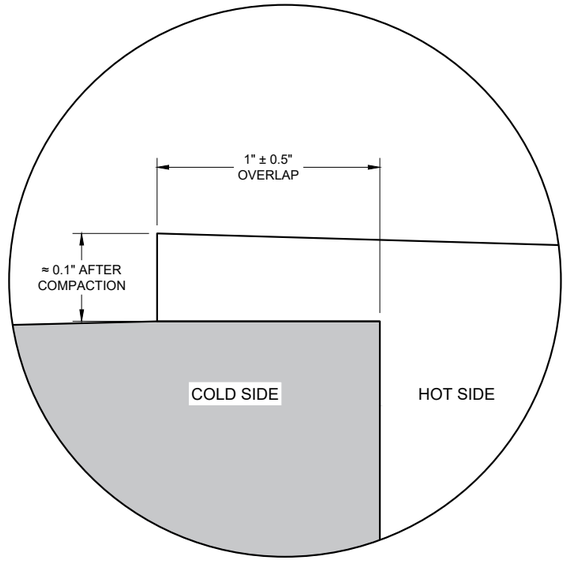
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

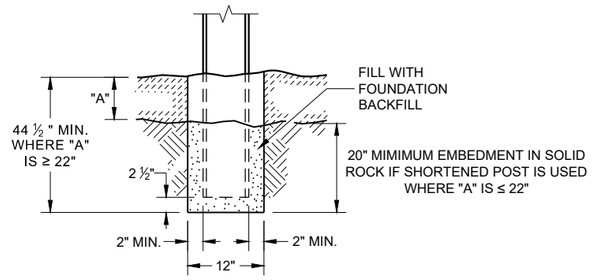
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

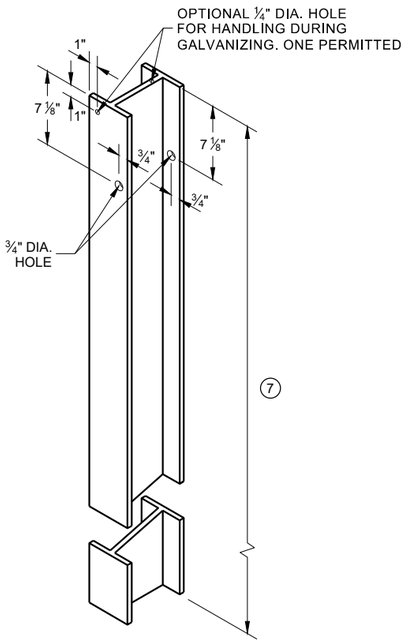
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

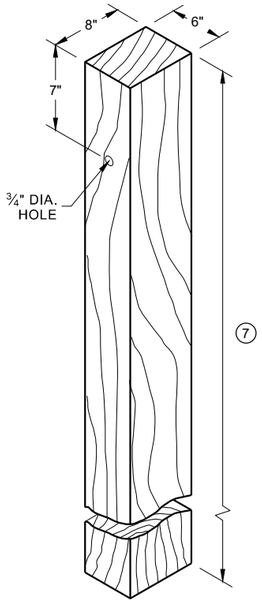
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



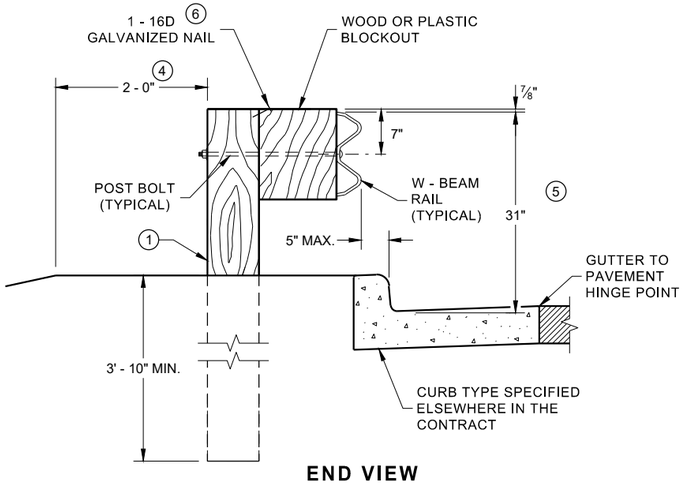
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



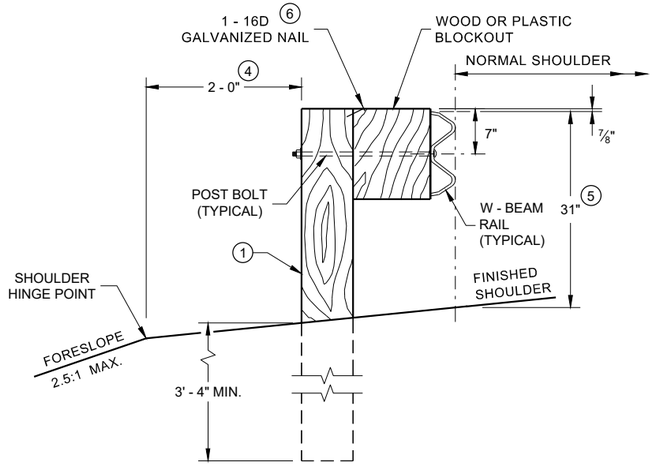
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



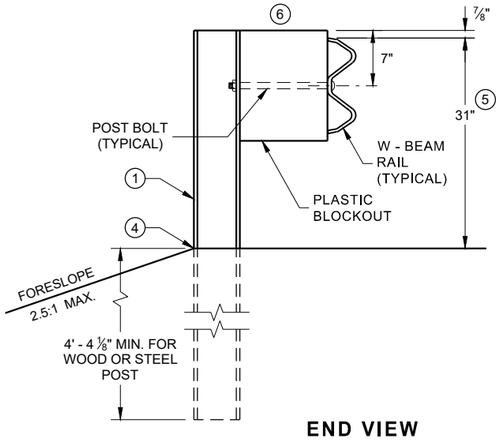
WOOD POST (6" X 8") NOMINAL (1)



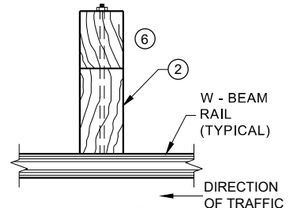
END VIEW
LOCATED ALONG A CURBED ROADWAY



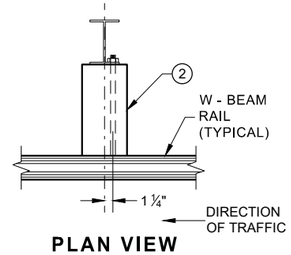
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



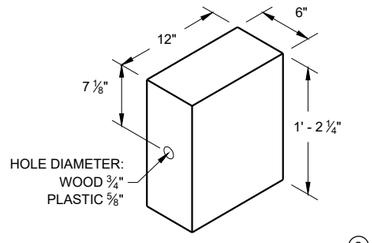
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW WOOD POST, BLOCKOUT & BEAM



PLAN VIEW STEEL POST, PLASTIC BLOCKOUT & BEAM

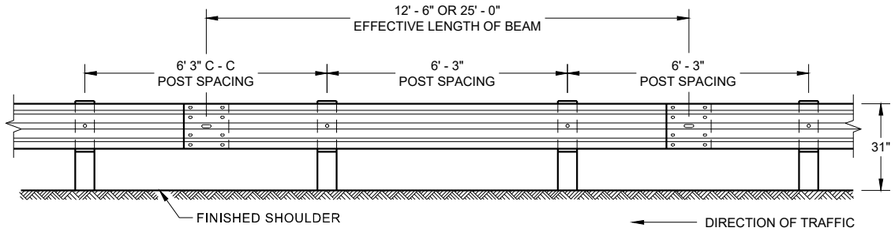


WOOD OR PLASTIC BLOCKOUT (2)

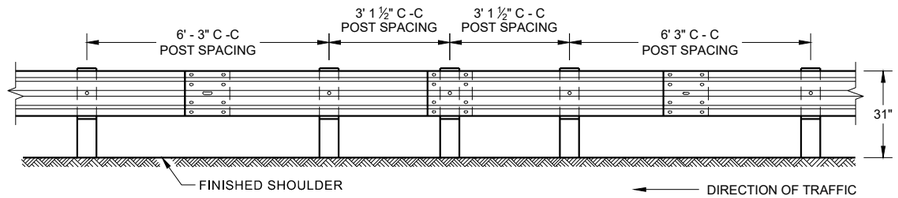
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

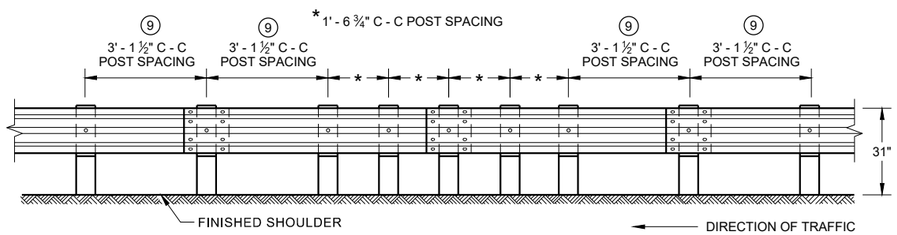
6
SDD 14B42 - 07a



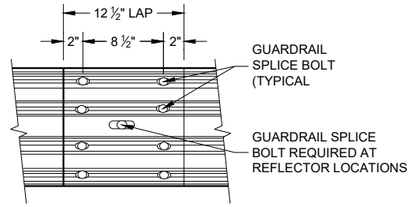
FRONT VIEW
POST SPACING STANDARD INSTALLATION



FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)



FRONT VIEW
QUARTER POST SPACING (QS)



FRONT VIEW
MID-SPAN BEAM SPLICE

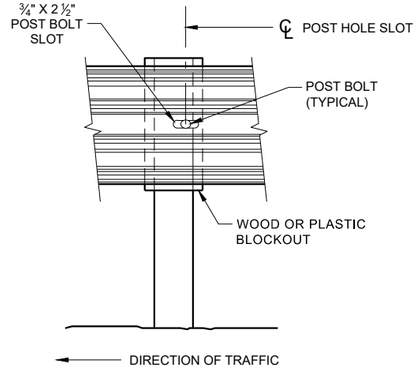
GENERAL NOTES

(8) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

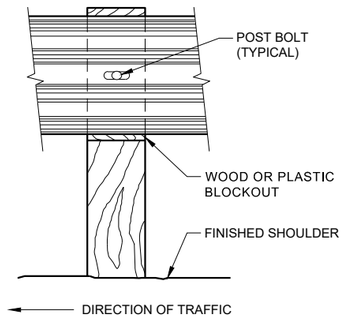
(9) 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

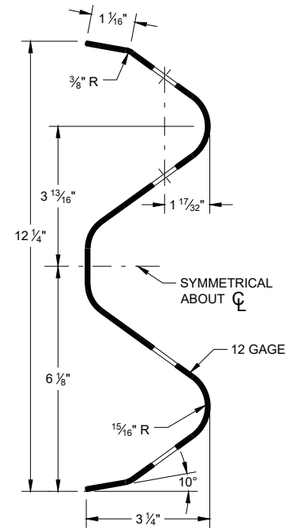
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



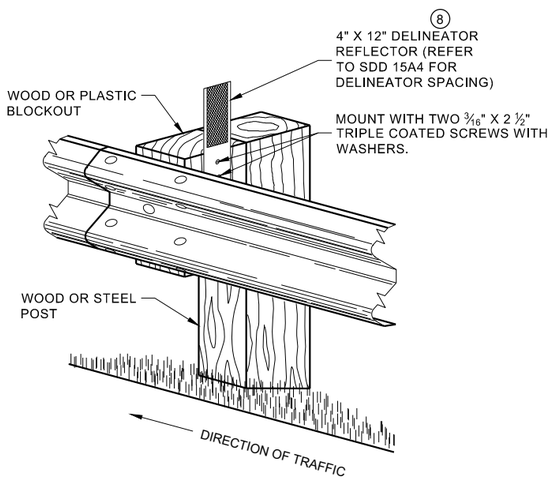
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



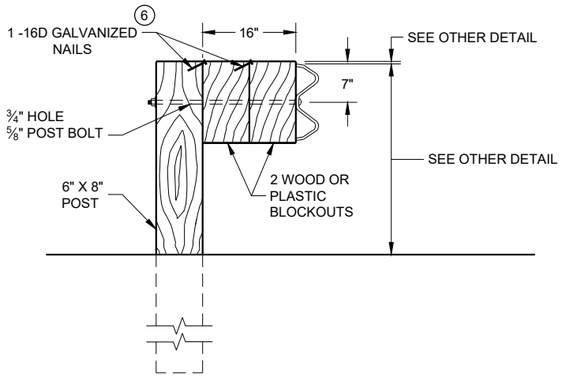
ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 07b
SDD 14B42 - 07b

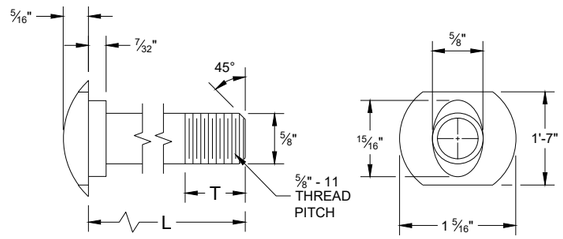


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

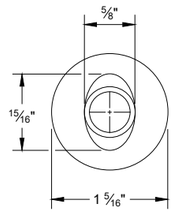
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

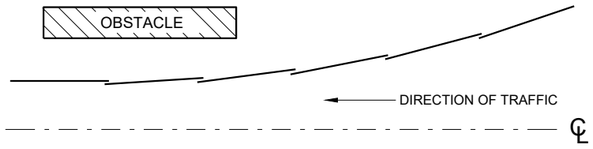


POST BOLT TABLE

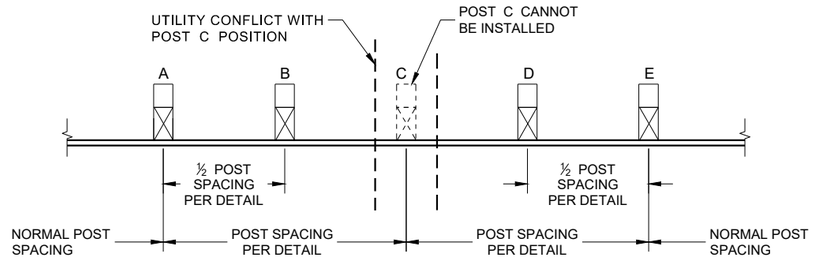
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



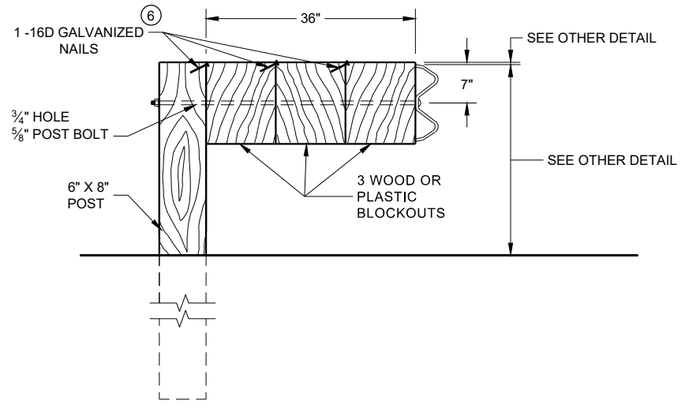
ALTERNATE BOLT HEAD



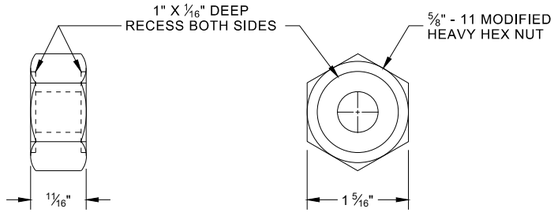
PLAN VIEW
BEAM LAPPING DETAIL



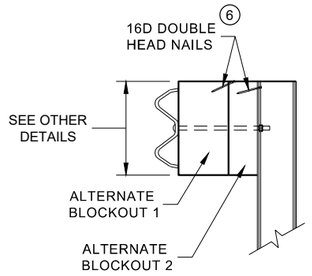
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



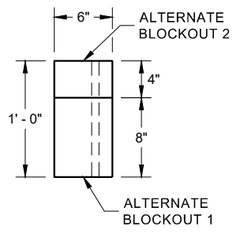
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

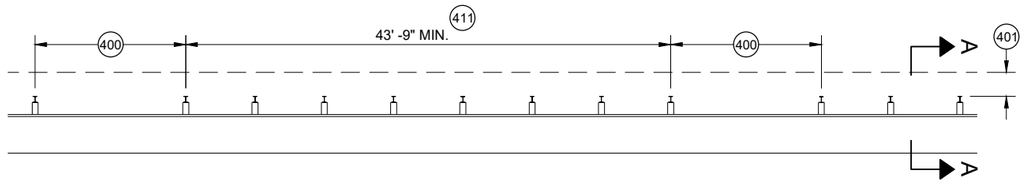
NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

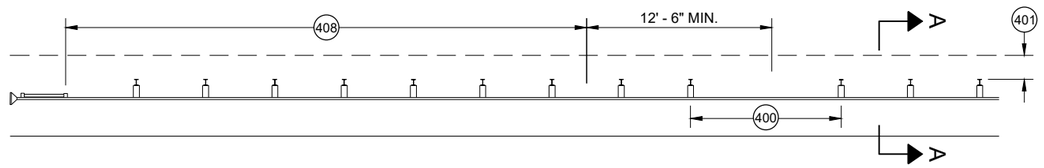
(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

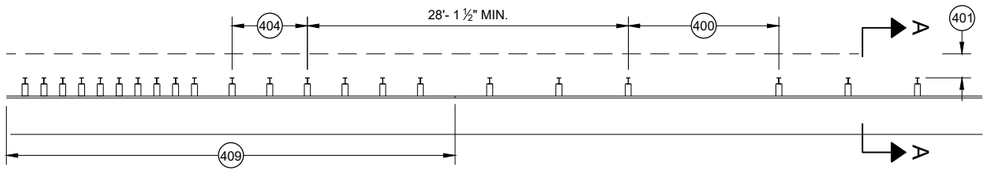
6
SDD 14B42 - 07c



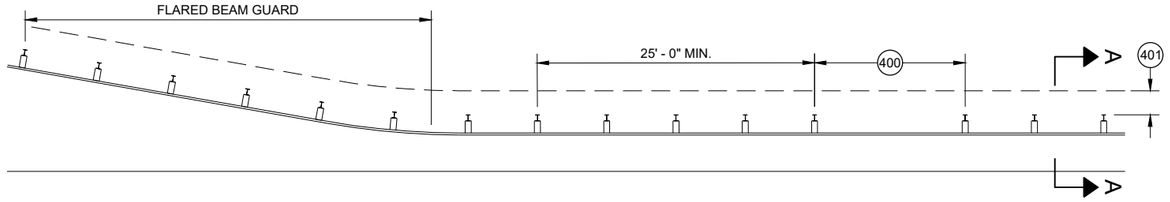
MISSING POST IN MGS GUARDRAIL



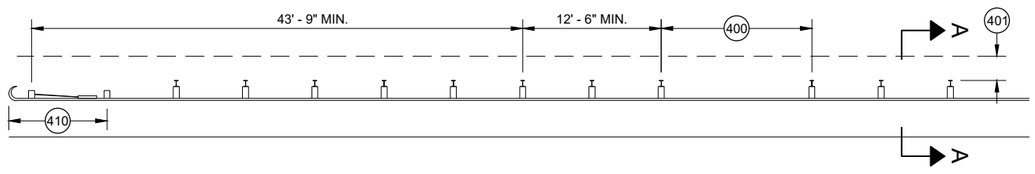
MISSING POST IN MGS GUARDRAIL NEAR EAT



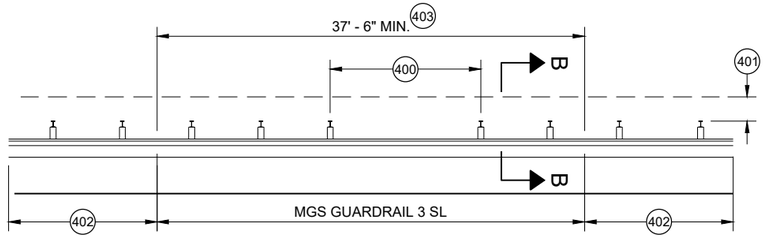
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

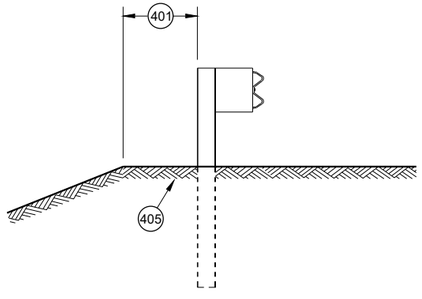


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

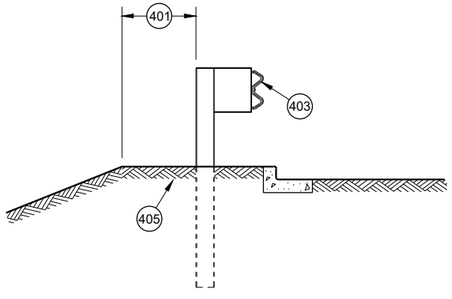


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B42 - 07d

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

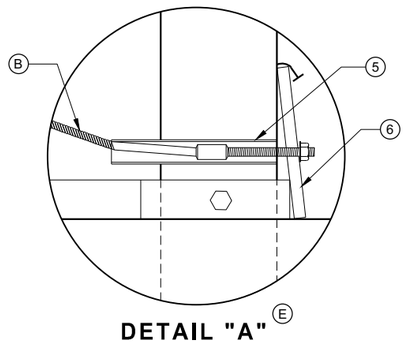
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

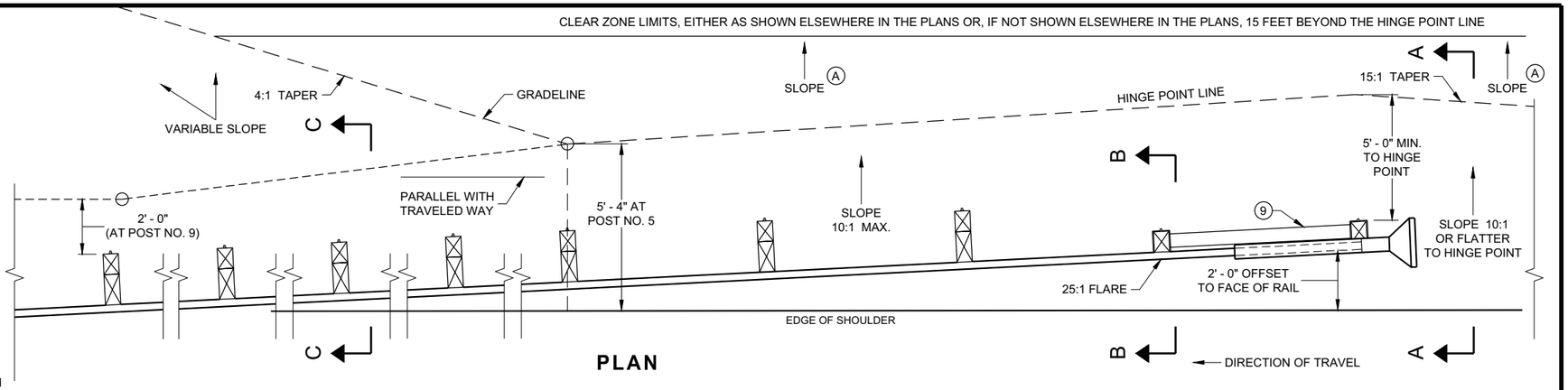
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

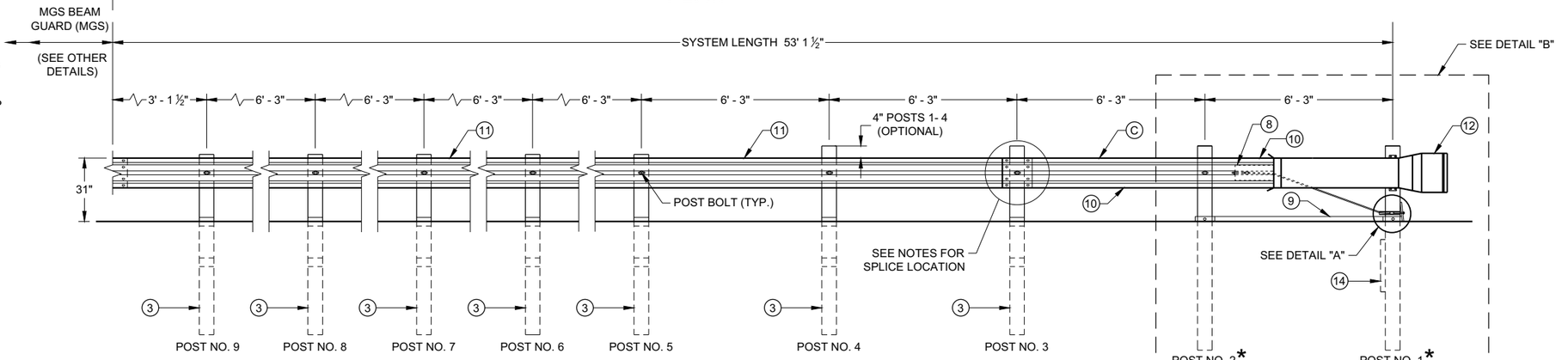
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



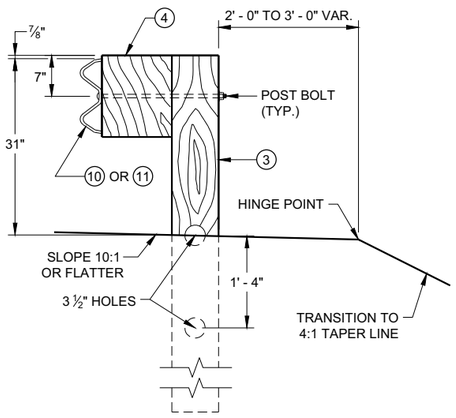
DETAIL "A" (E)



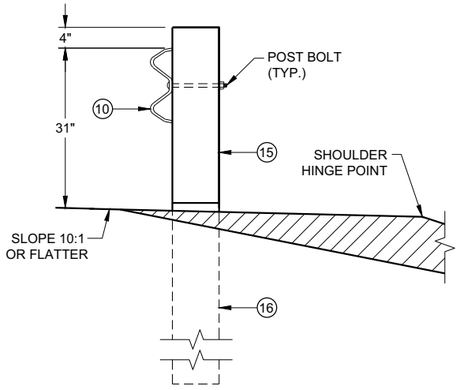
PLAN



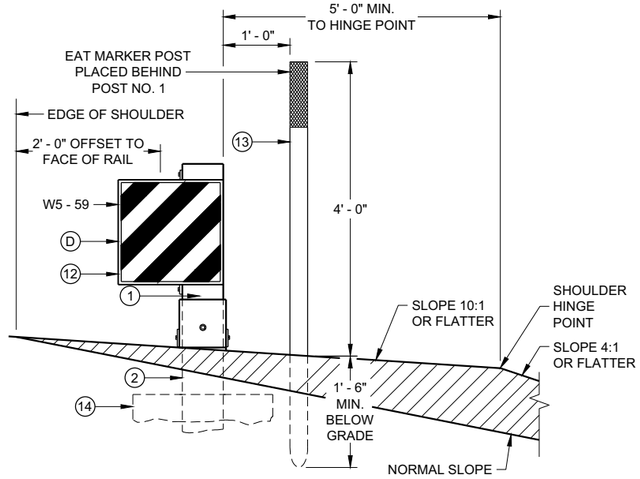
ELEVATION



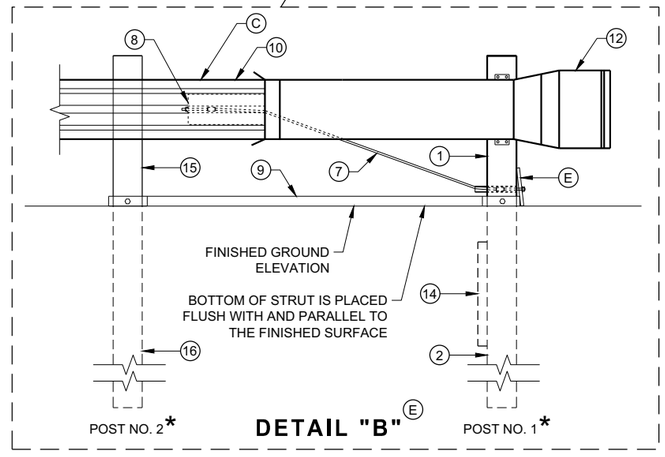
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



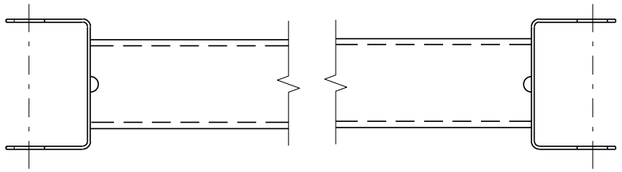
DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

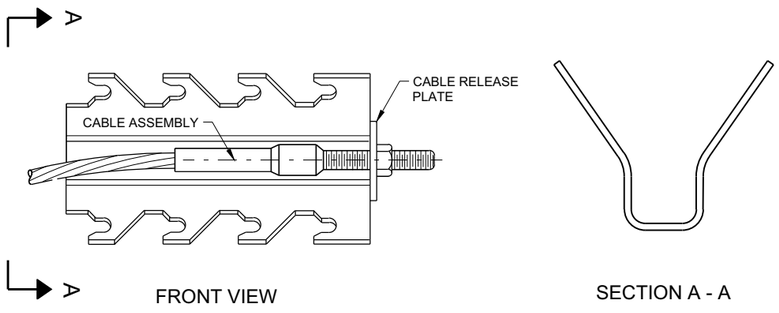
SDD 14B44 - 04a



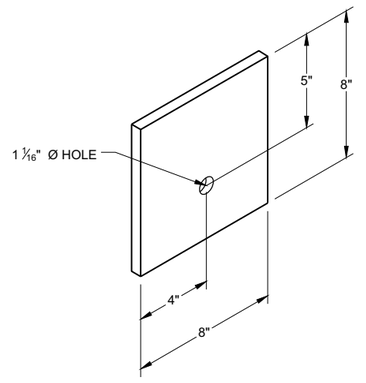
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

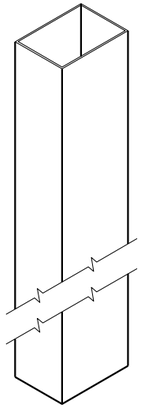
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SDD 14B44 - 04b

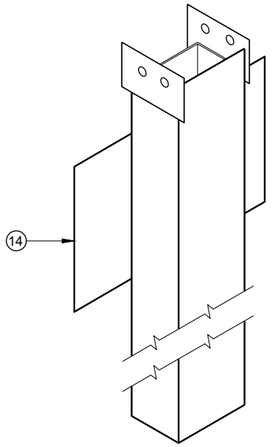
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

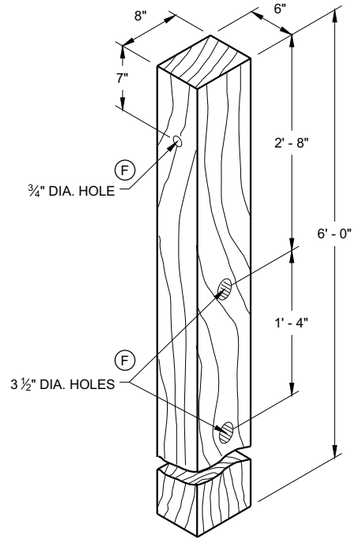
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



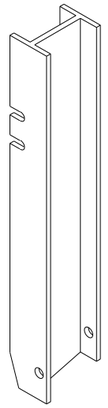
UPPER POST NO. 1 (1) (E)



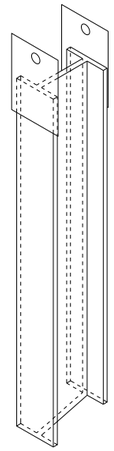
LOWER POST NO. 1 (2) (E)



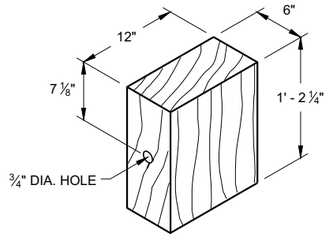
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



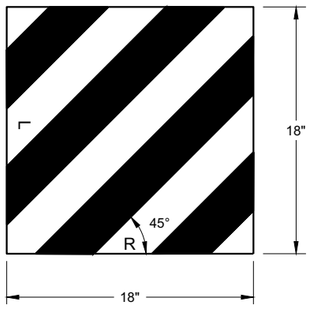
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

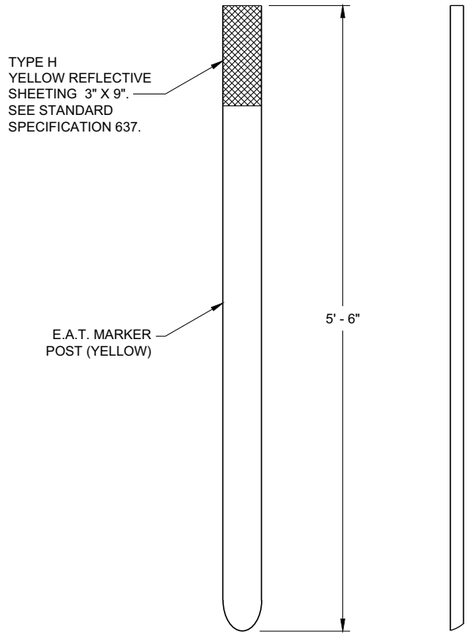


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



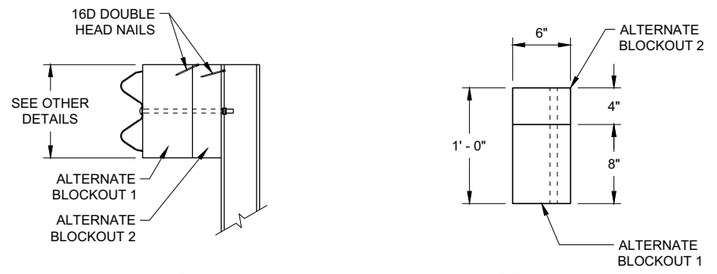
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

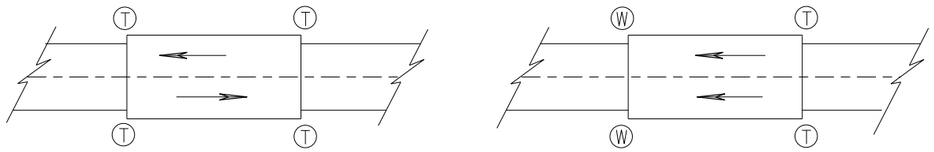
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

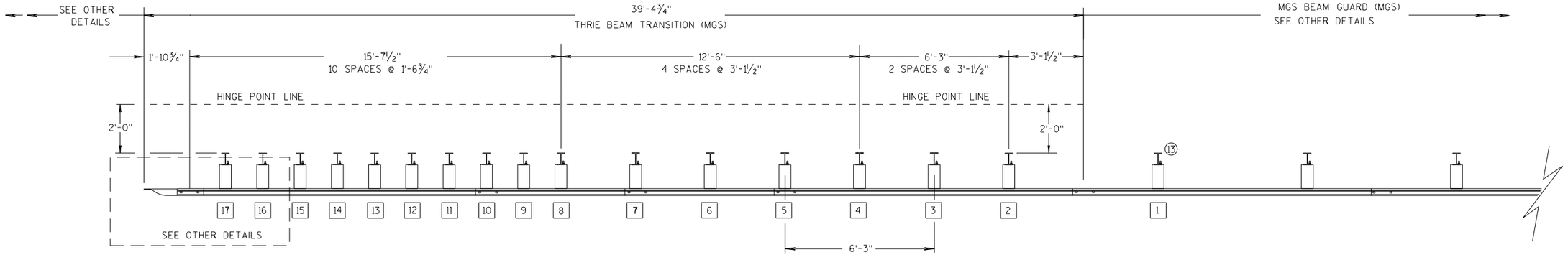
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

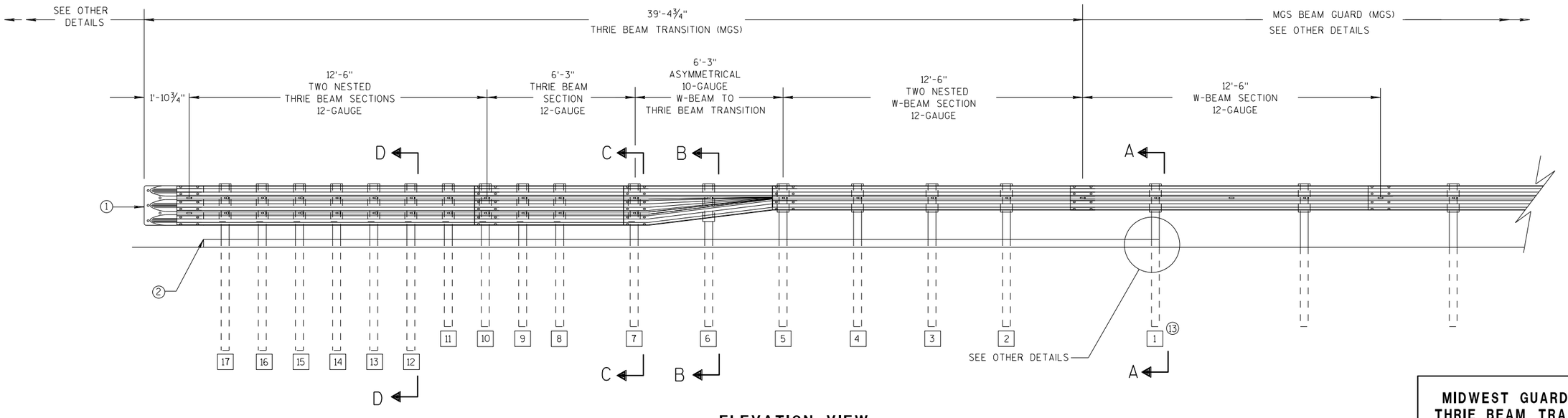
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6
S.D.D. 14 B 45-5a

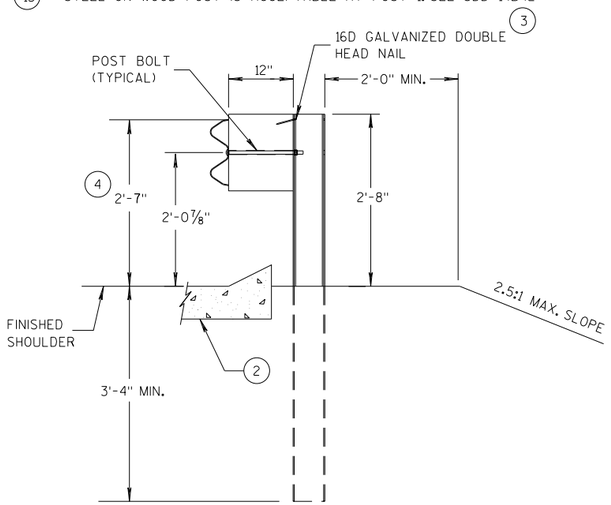
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

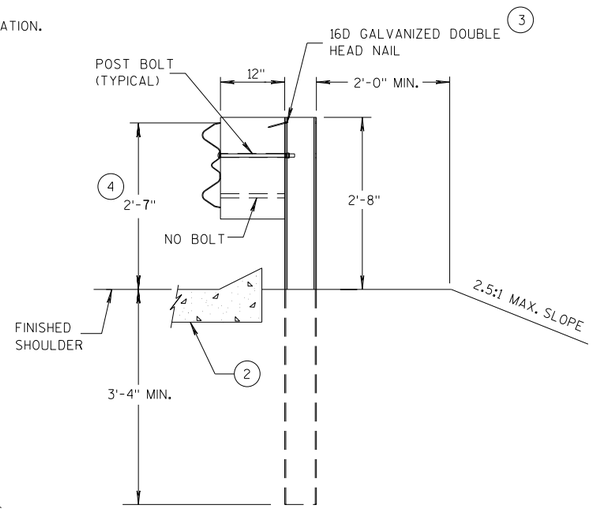
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



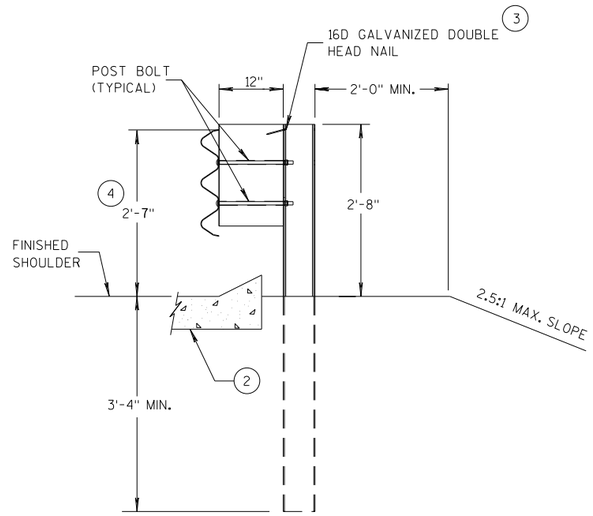
SECTION A-A (13)

POSTS 1-5



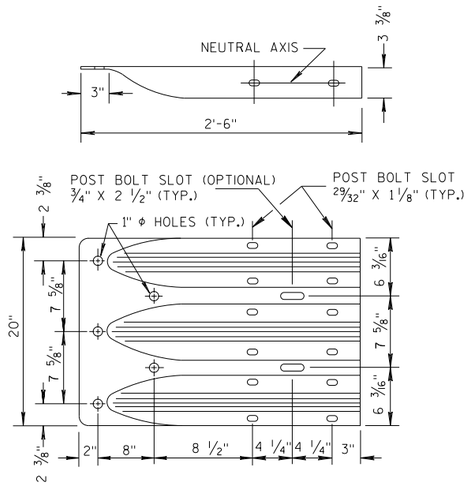
SECTION B-B

POST 6

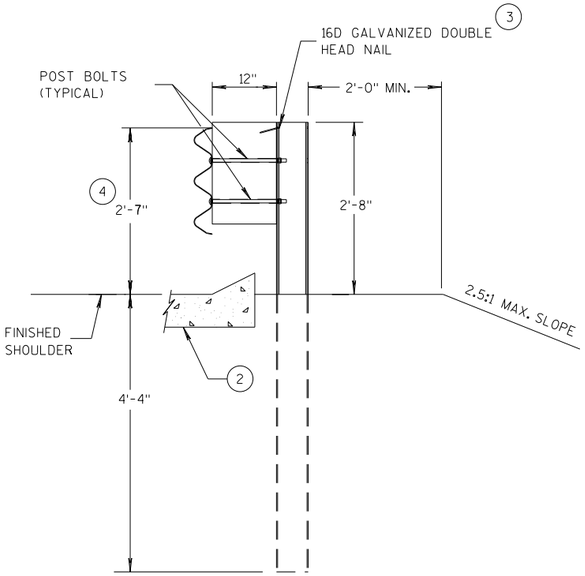


SECTION C-C

POSTS 7-11

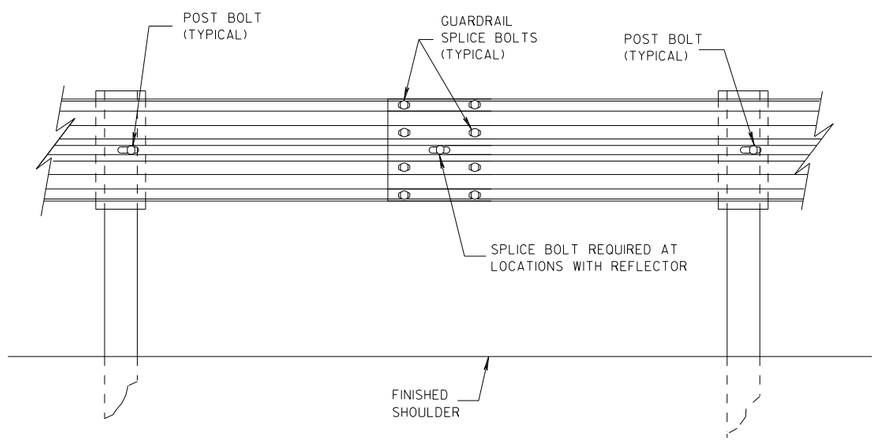


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

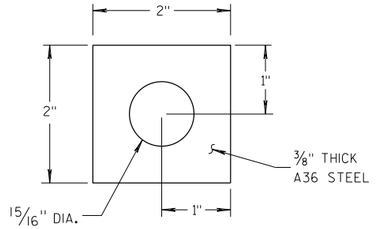
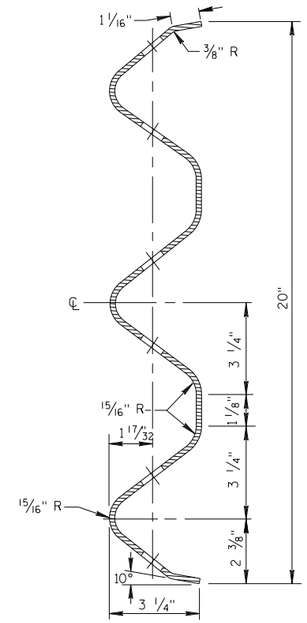


PLATE WASHER DETAIL



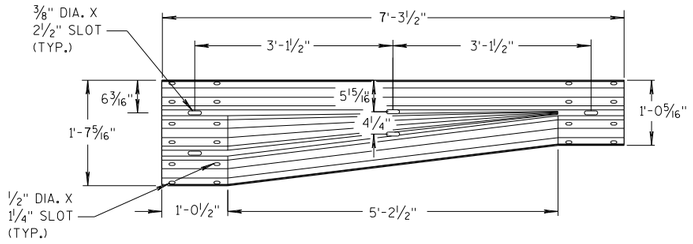
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

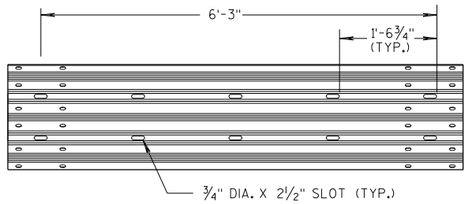
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

6

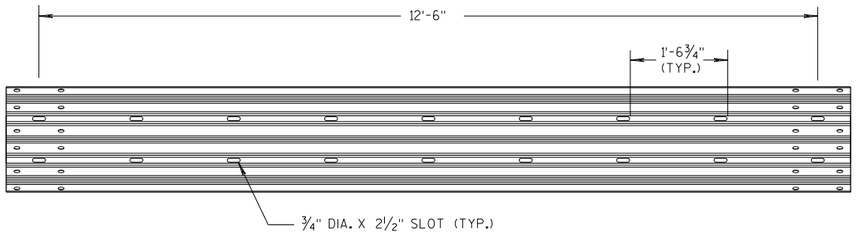
S.D.D. 14 B 45-5b



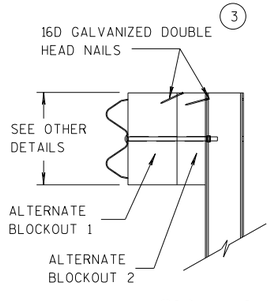
W-BEAM TO THRIE BEAM TRANSITION SECTION



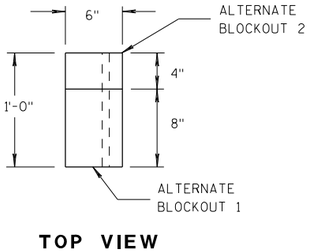
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

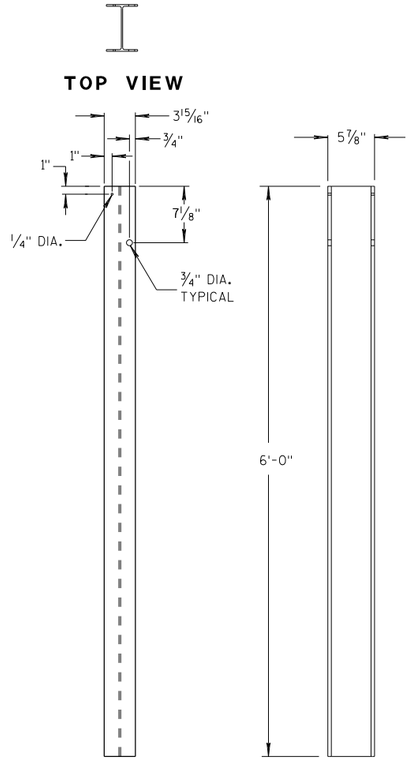


SIDE VIEW



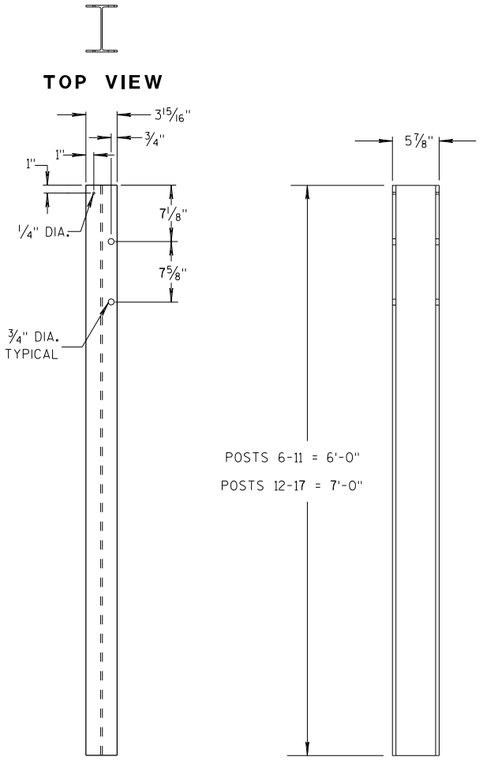
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



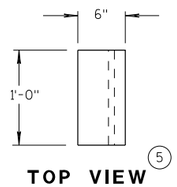
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

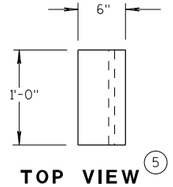


FRONT VIEW SIDE VIEW

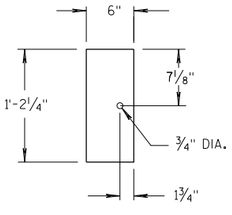
STEEL POSTS 6-17



TOP VIEW (5)

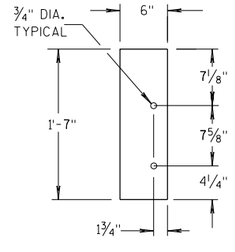


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

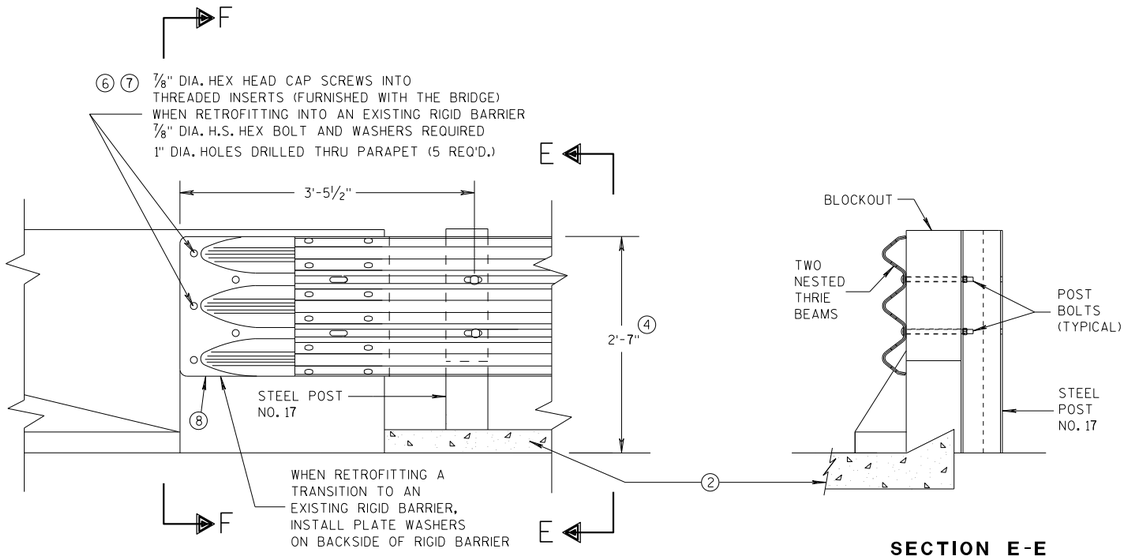
(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

6

S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

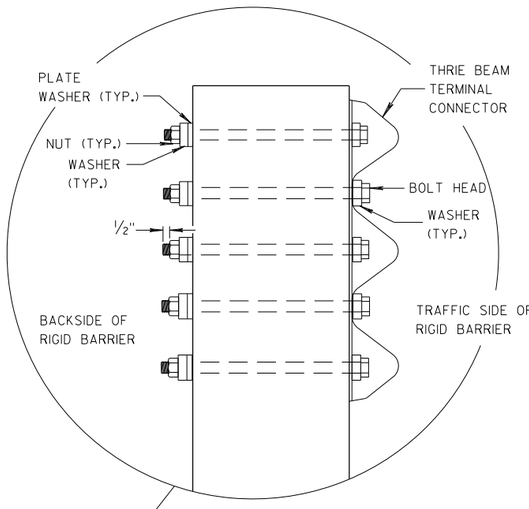
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

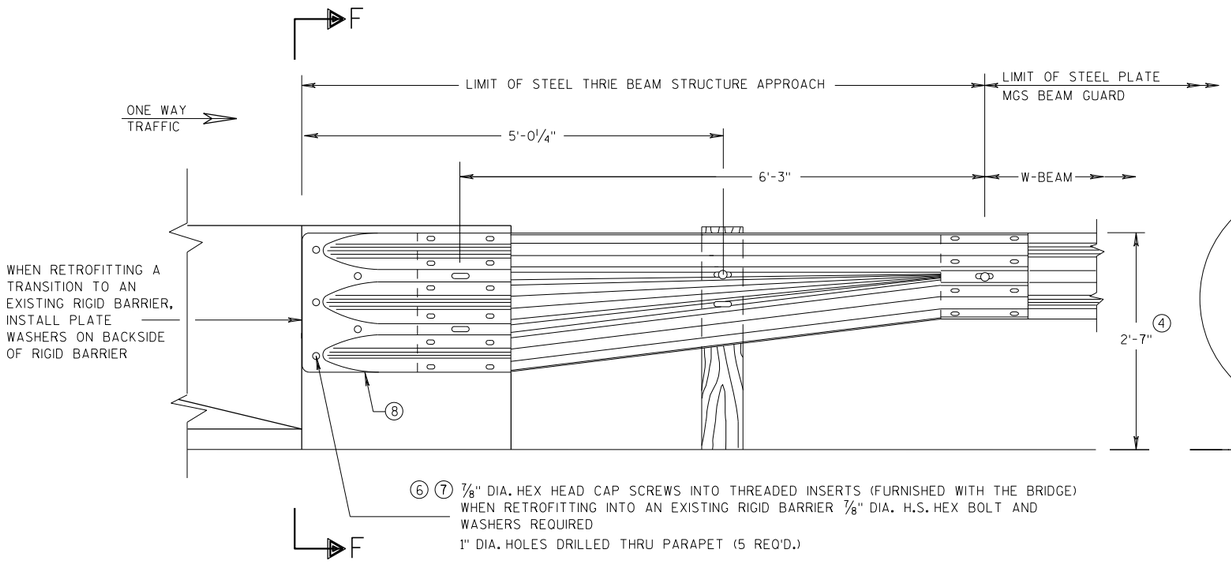
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

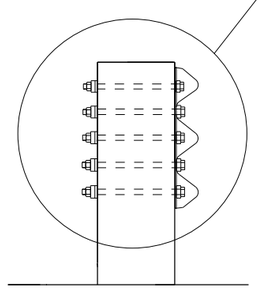
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

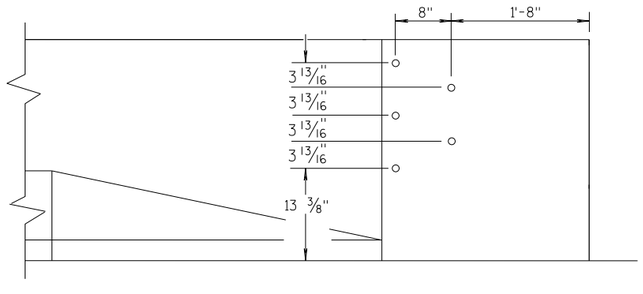




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D[illegible] UNIT SUPERVIS[illegible]NT
FHWA

6

S.D.D. 14 B 45-5d

6

S.D.D. 14 B 45-5d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

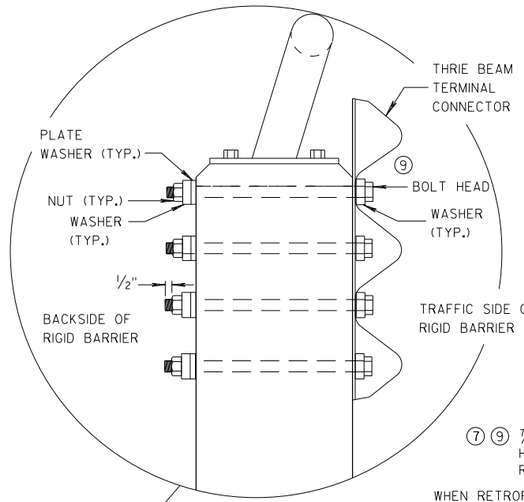
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

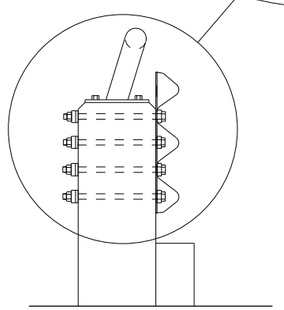
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

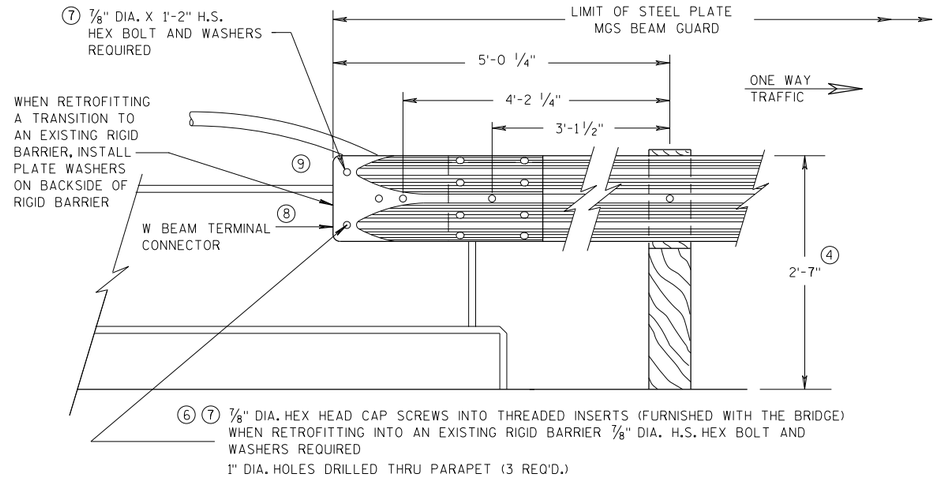
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





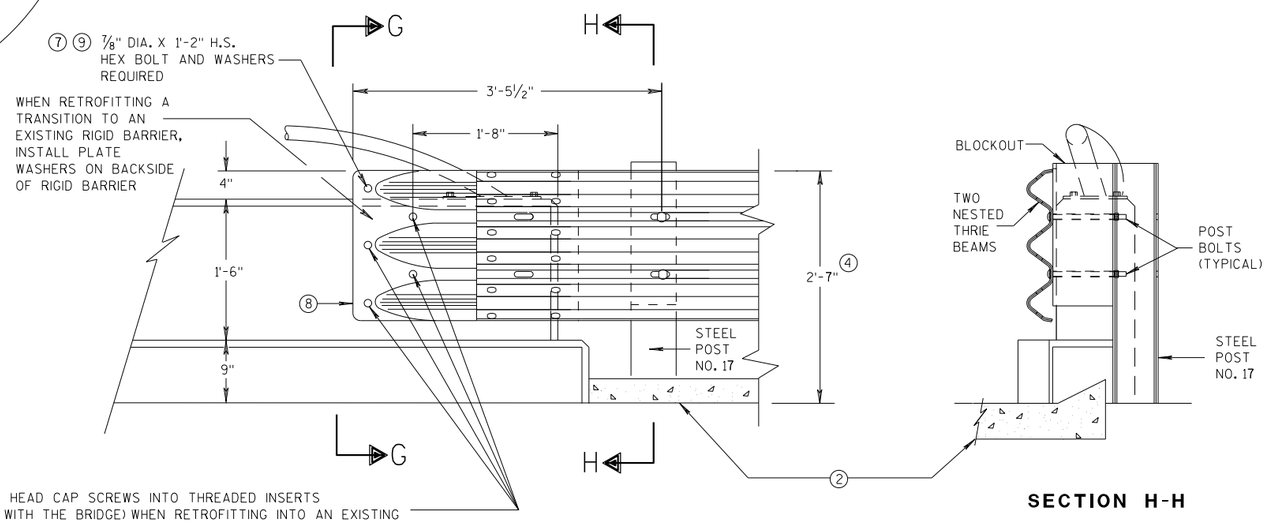
SECTION G-G



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



FRONT VIEW

SECTION H-H

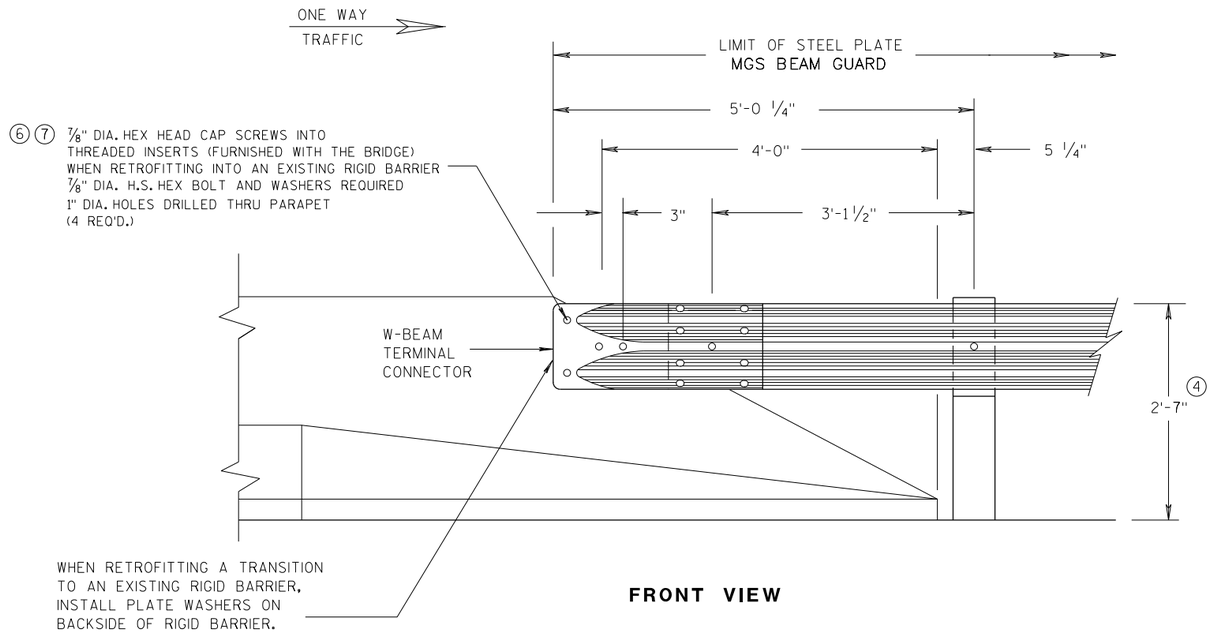
THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D UNIT SUPERVIS NT
FHWA

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S.D.D. 14 B 45-5e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

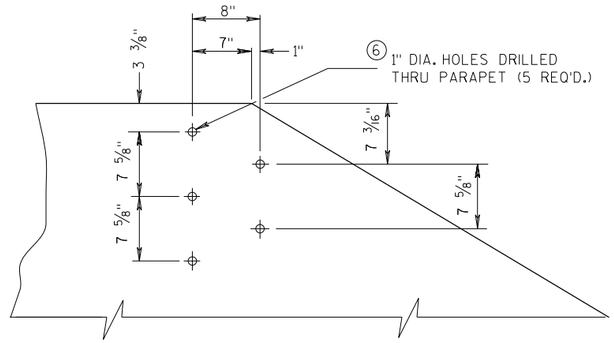
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

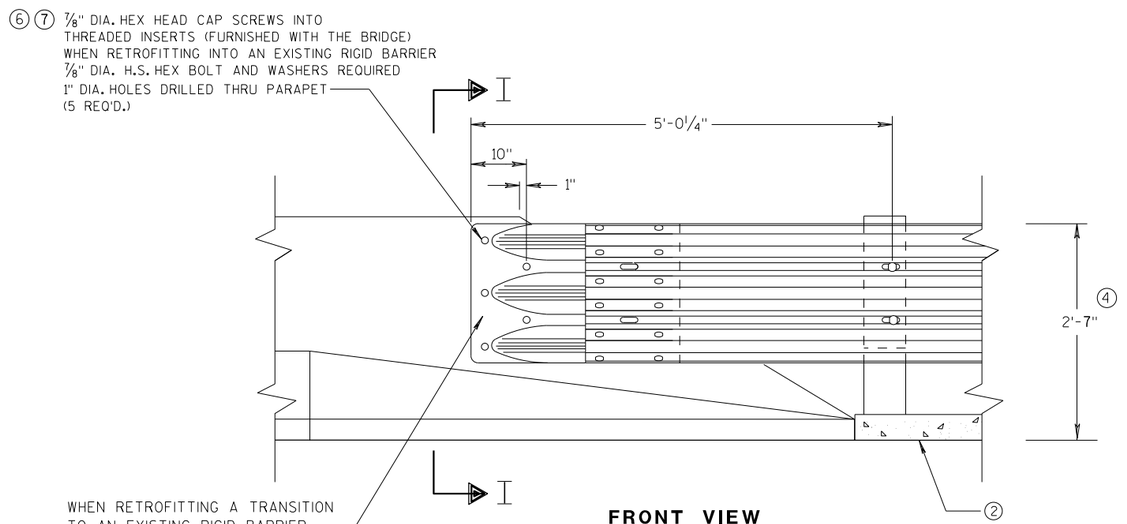
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

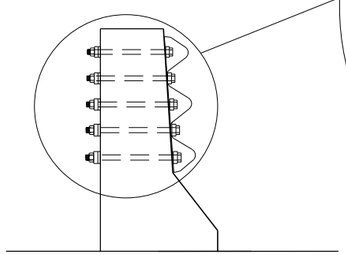
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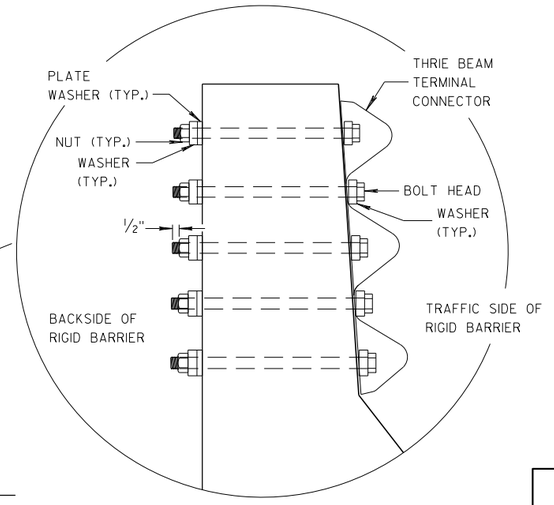
DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION



FRONT VIEW



SECTION I-I



THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

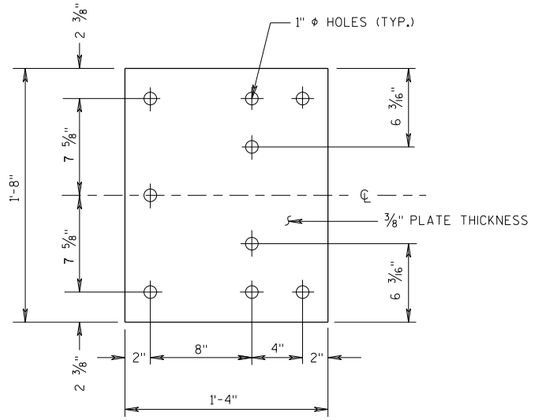
APPROVED
07/2018 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS [illegible] UNIT SUPERVI[illegible]ENT
FHWA

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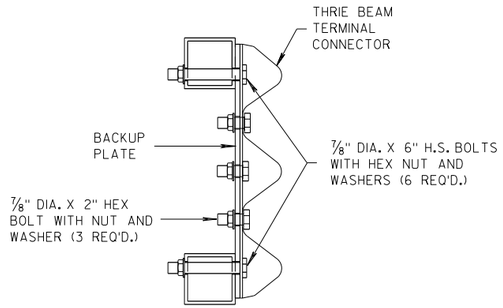
S.D.D. 14 B 45-5f

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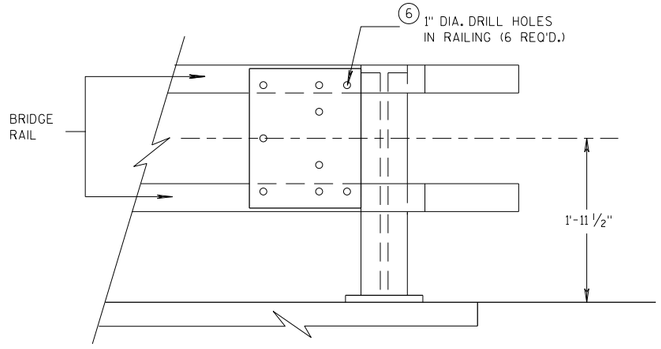
S.D.D. 14 B 45-5f



BACK-UP PLATE DETAIL



SECTION J-J

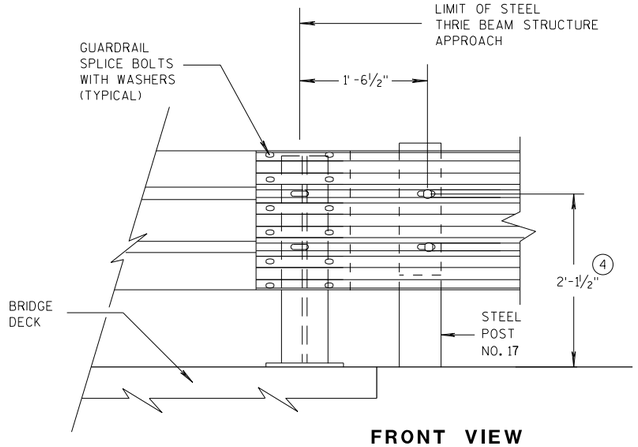


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

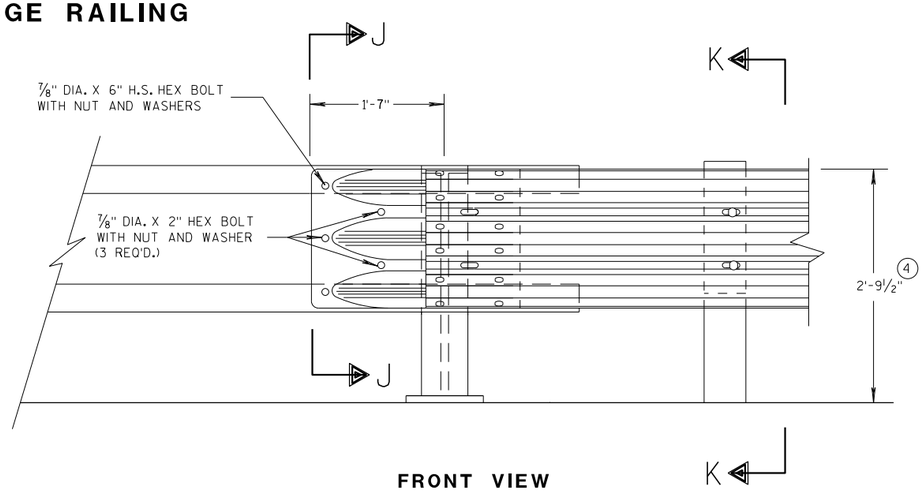
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

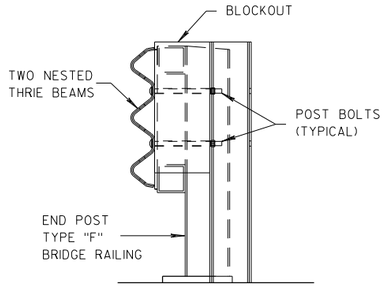


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE — FHWA

/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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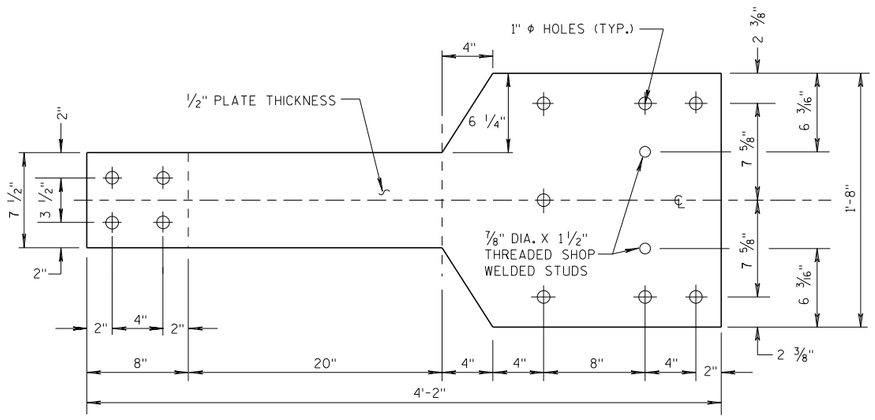
S.D.D. 14 B 45-5g

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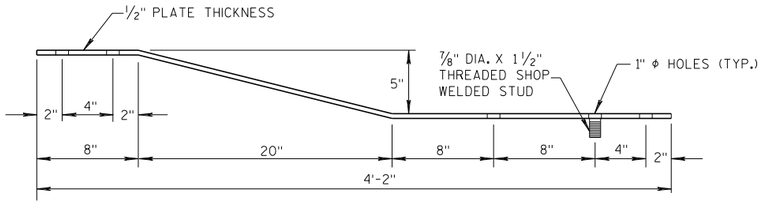
S.D.D. 14 B 45-5g

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

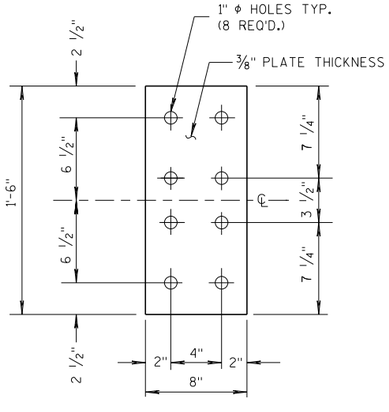


FRONT VIEW



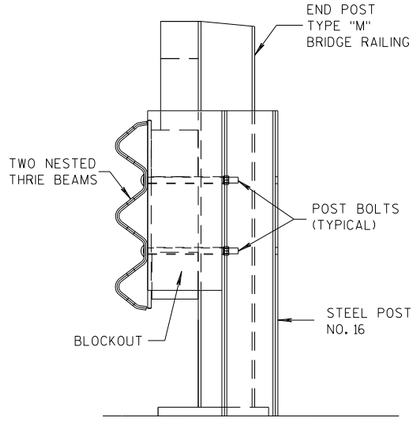
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

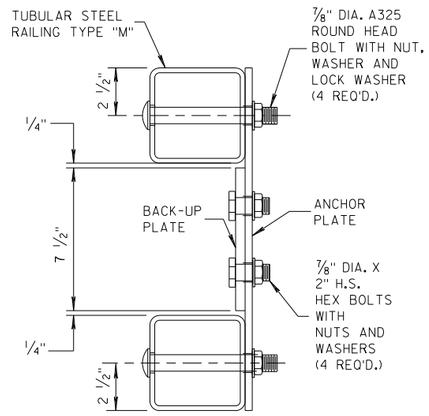


FRONT VIEW

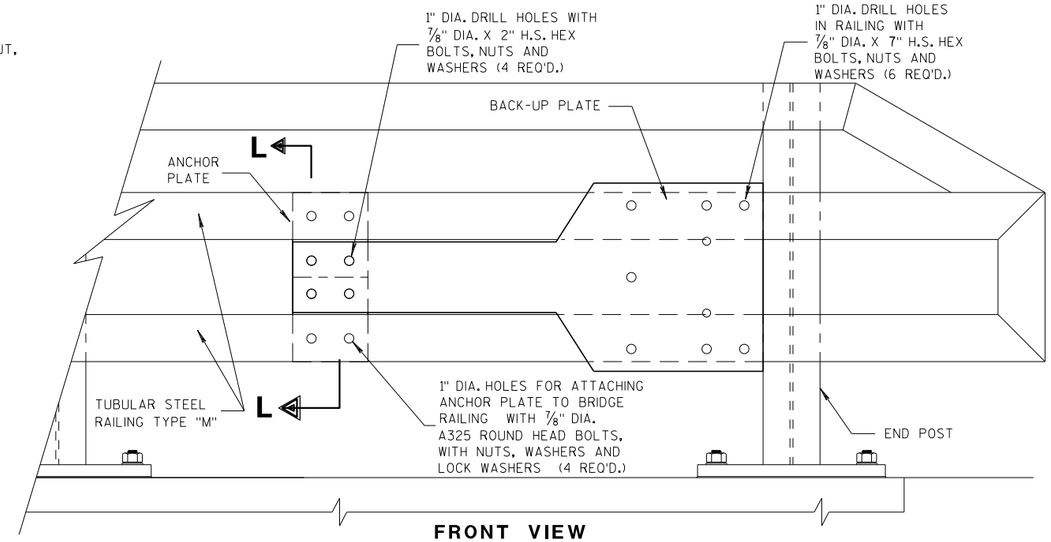
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M

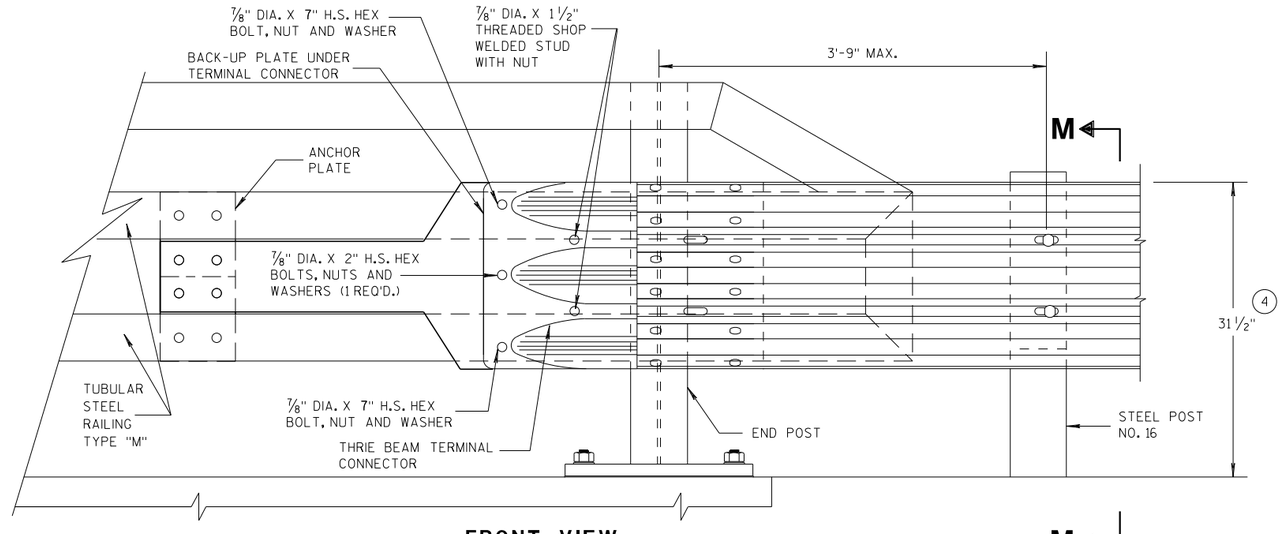


SECTION L-L

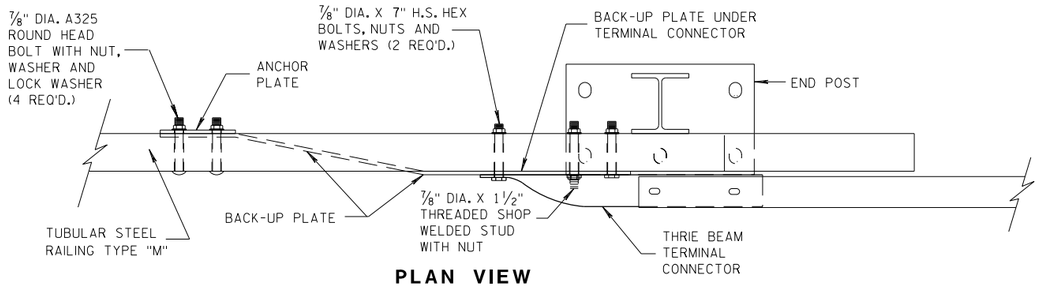


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

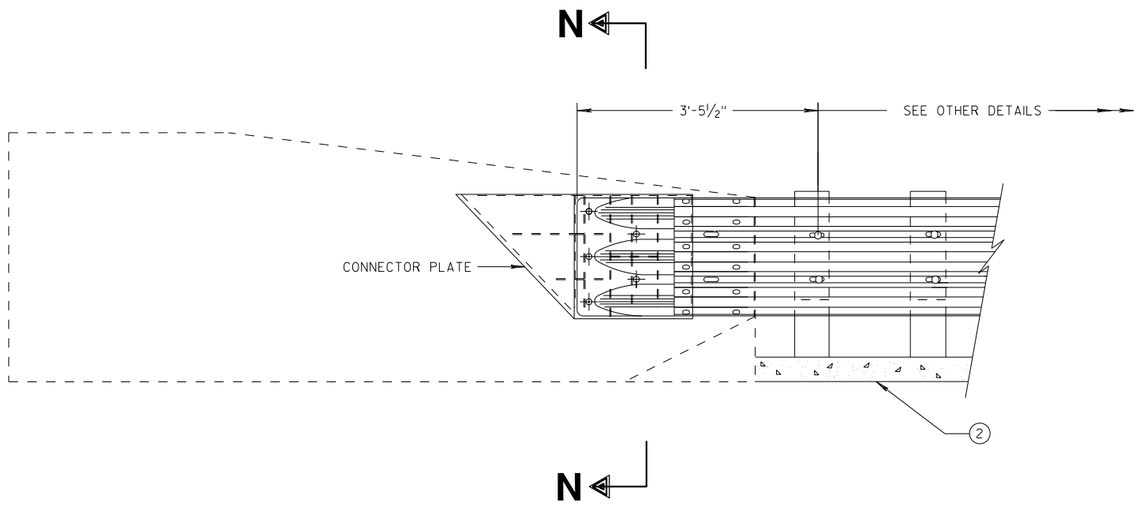
APPROVED
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/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

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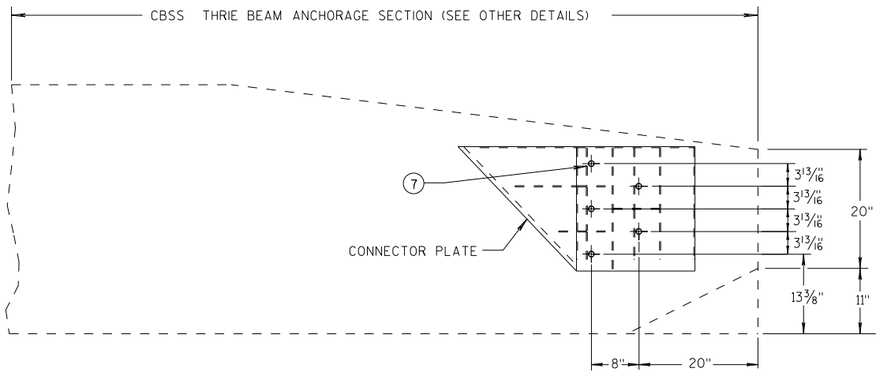
S.D.D. 14 B 45-5h

6

S.D.D. 14 B 45-5h



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



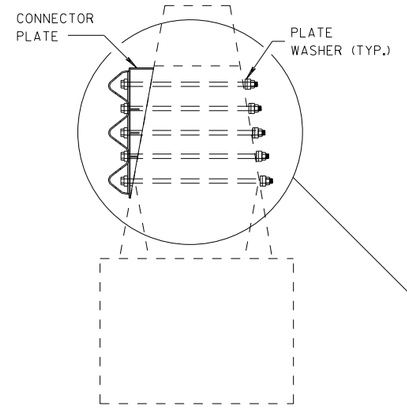
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

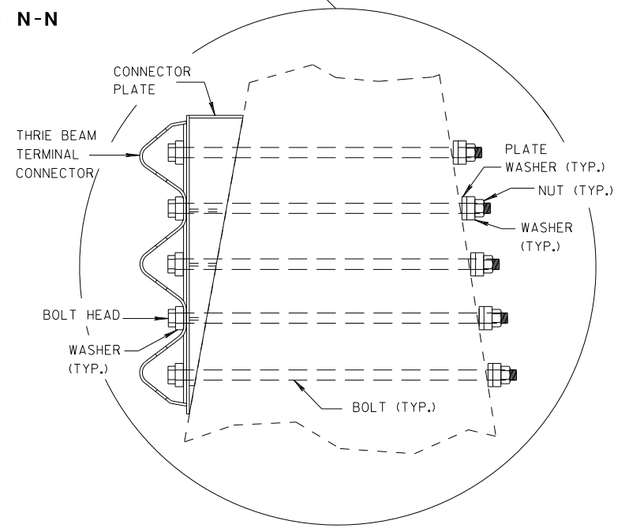
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

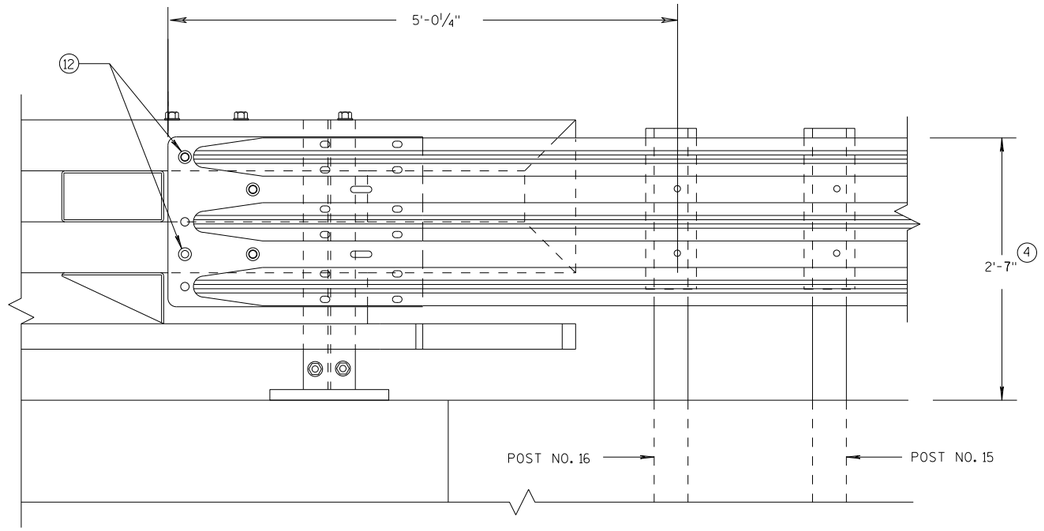
APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DI UNIT SUPERVIS NT
FHWA

6

S.D.D. 14 B 45-5j

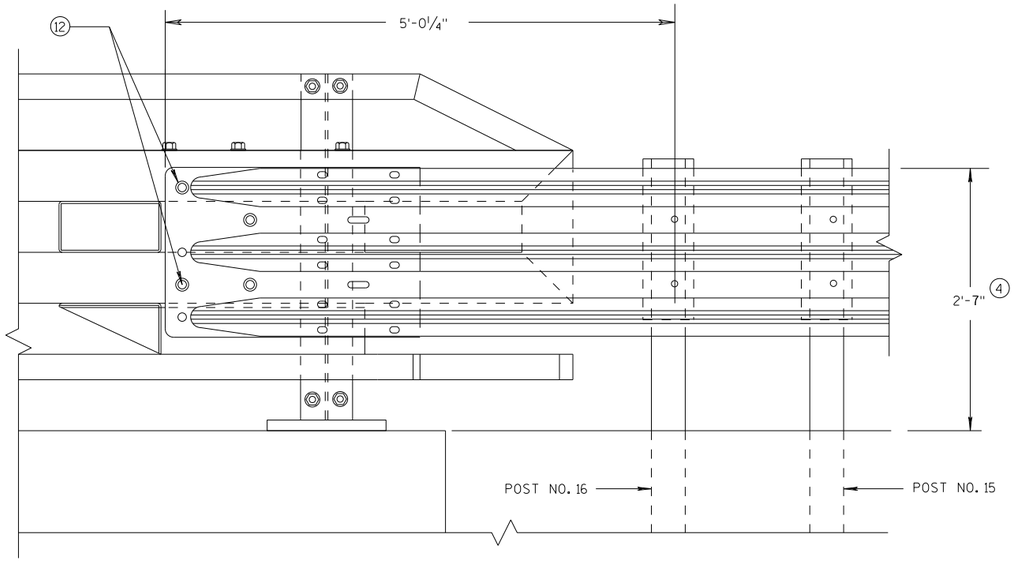
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S.D.D. 14 B 45-5j



ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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7/2018
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D
UNIT SUPERVIS

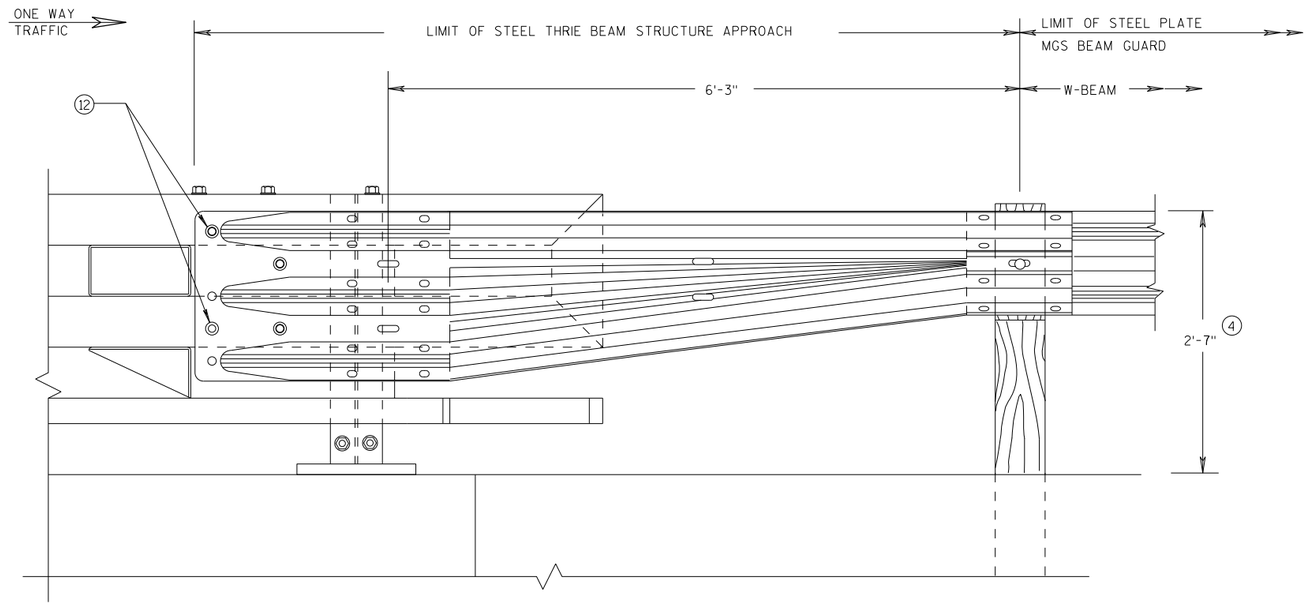
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S.D.D. 14 B 45-5k

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S.D.D. 14 B 45-5k



FRONT VIEW

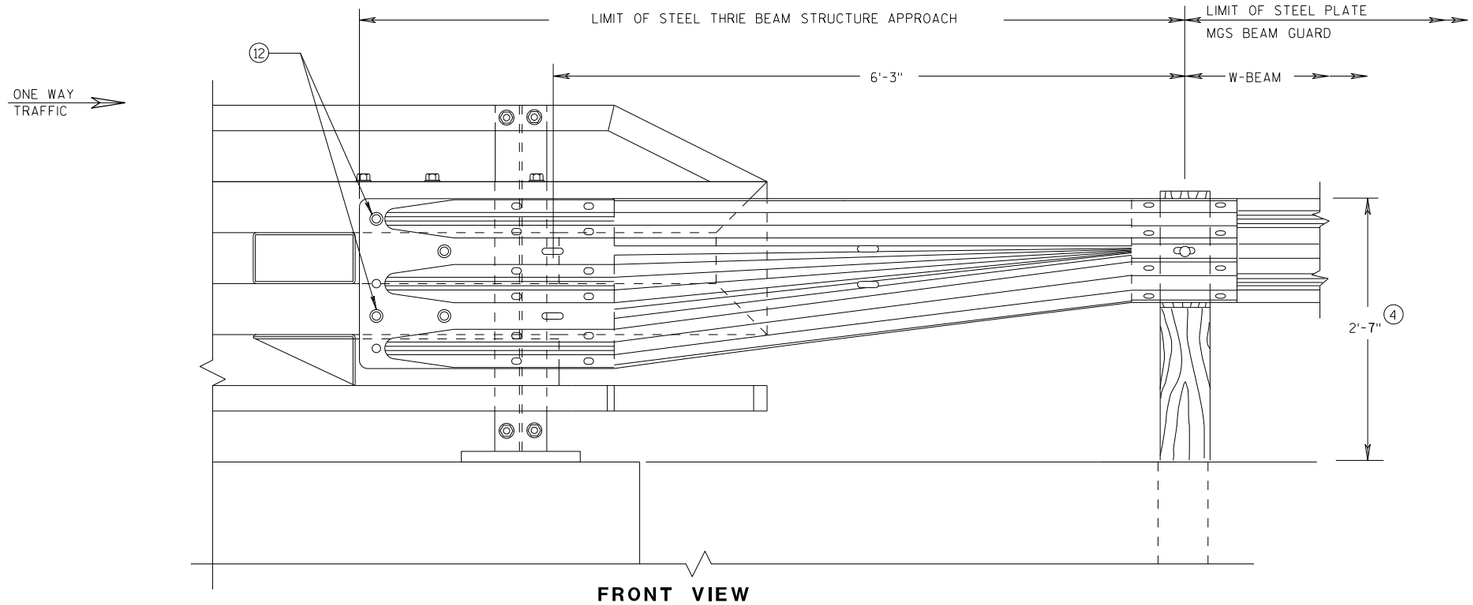
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

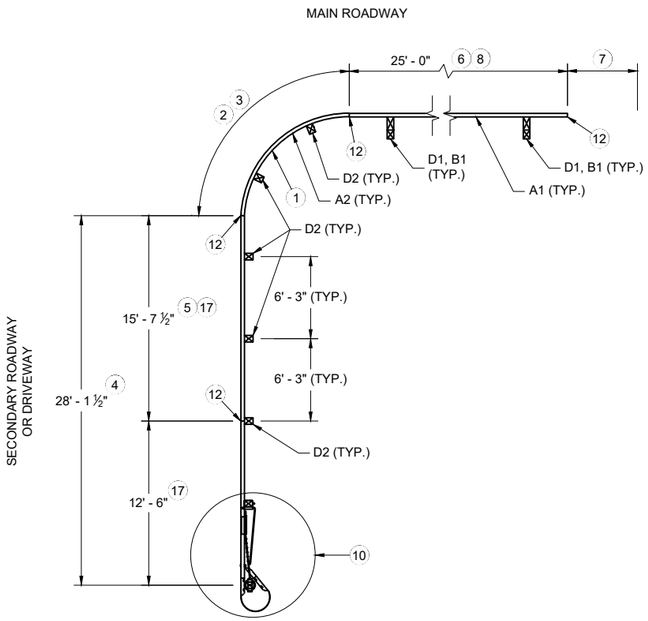
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/S/ Rodney Taylor
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FHWA

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S.D.D. 14 B 45-5L

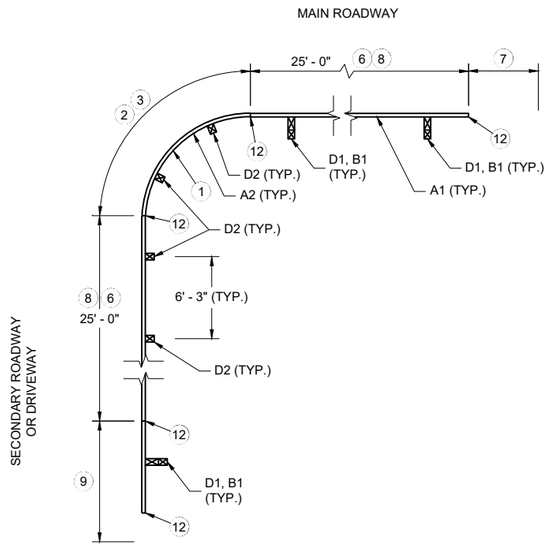
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S.D.D. 14 B 45-5L



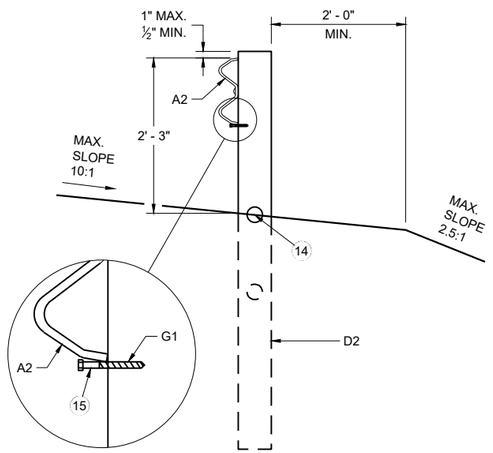
PLAN VIEW

SHORT RADIUS BEAM GUARD WITH SHORT RADIUS TERMINAL ON SECONDARY ROAD OR DRIVEWAY

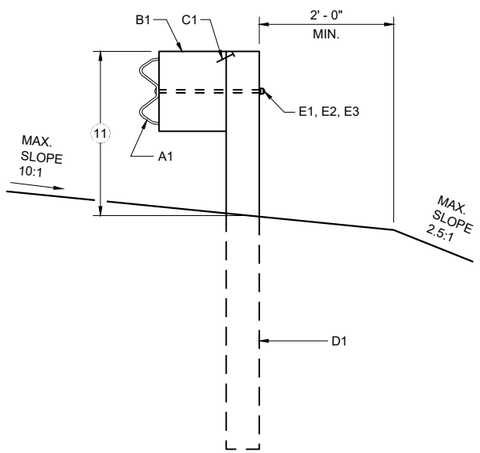


PLAN VIEW

SHORT RADIUS BEAM GUARD WITH EAT, ADDITIONAL BEAM GUARD OR TRANSITION TO RIGID BARRIER ON SECONDARY ROAD OR DRIVEWAY



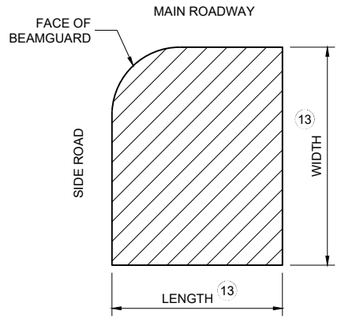
CONTROLLED RELEASE TERMINAL POST (CRT) IN RADIUS



BEAM GUARD POSTS IN HEIGHT TRANSITION

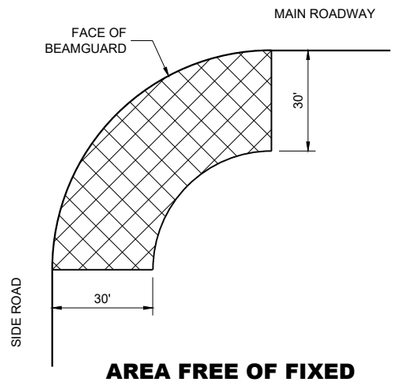
TABLE FOR RADIUS OF 32' AND LESS

RADIUS (FT)	LENGTH (FT)	WIDTH (FT)
8	25	15
16	30	15
24	40	20
32	50	30

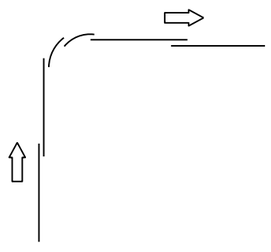


16

AREA FREE OF FIXED OBJECTS FOR RADIUS 32' AND LESS



AREA FREE OF FIXED OBJECTS FOR RADIUS GREATER THAN 32'



LAP SPLICE DETAIL

GENERAL NOTES

SEE PLANS FOR OTHER BARRIER SYSTEM AND LOCATION SPECIFICS.

SEE SDD 14B42 FOR MORE INFORMATION ON BEAM GUARD INSTALLATION, PARTS, MATERIALS, AND INSTALLATION INFORMATION.

GALVANIZE PARTS AFTER FABRICATION.

WELDING TO FOLLOW CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI / AWS D1.1.

UNLESS NOTED OTHERWISE, ALL PLATES ARE FLAT AND FREE OF WARP.

UNLESS NOTED OTHERWISE, ALL EDGES ARE SMOOTH, STRAIGHT AND VERTICAL.

ALL CUTS AND HOLES, EXCEPT IN BEAM GUARD RAIL ARE TO BE MACHINED OR MACHINE FLAME CUT.

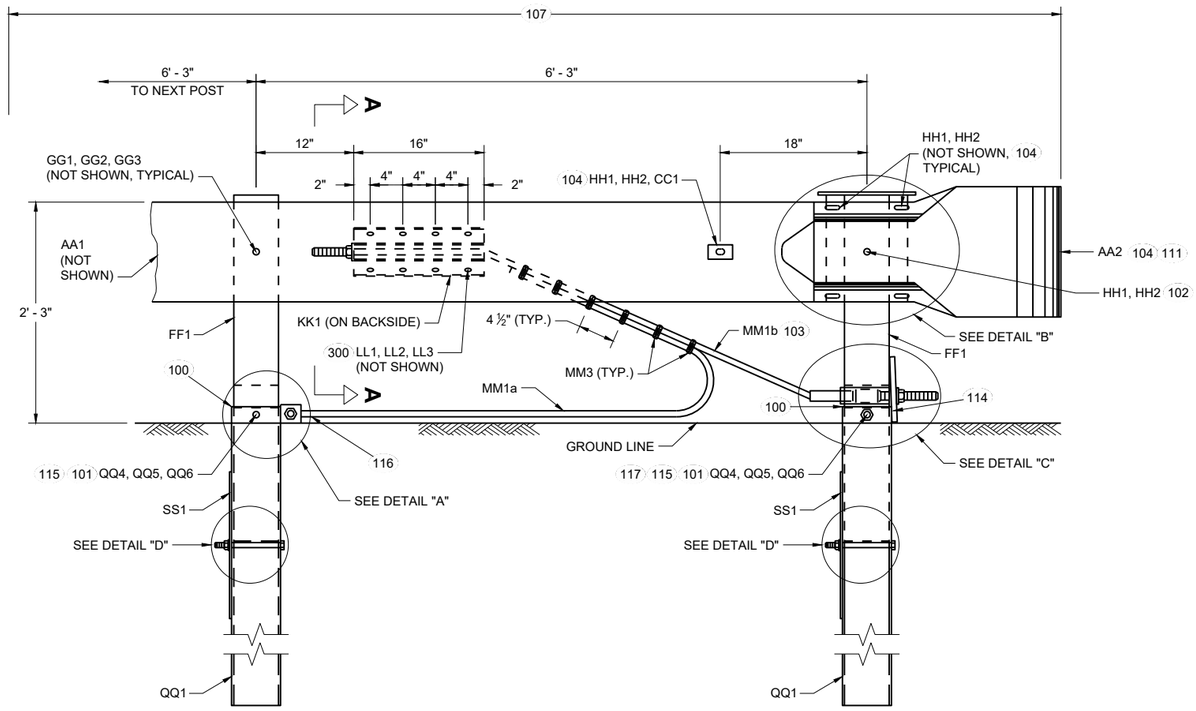
UNLESS NOTED OTHERWISE, CUT OR PROVIDE BOLTS THAT ARE ¼" TO ½" BEYOND THE NUT.

DRAWINGS ARE NOT TO SCALE.

1. RADIUS MEASURE FROM INSIDE OF RAIL. LENGTH OF BEAM GUARD SHORT RADIUS GUARD MEASURED ALONG TRAFFIC SIDE OF RAIL. RADIUS BETWEEN 8 FEET TO 150 FEET. SEE PLAN FOR REQUIRED RADIUS. BEAM GUARD RAIL IN RADIUS IS SHOP BENT. ODD RAIL LENGTH OR FIELD CUTS MAY BE REQUIRED.
2. CONTROLLED RELEASE TERMINAL (CRT) POSTS ARE USED IN THE RADIUS. CONTROLLED RELEASE TERMINAL (CRT) POSTS ARE SPACED 6' - 3". SEE PLAN FOR NUMBER OF CONTROLLED RELEASE (CRT) POSTS.
3. WITHIN RADIUS BEAM GUARD RAILS ARE NOT BOLTED TO POSTS. BEAM GUARD RAIL IS RESTED ON TOP OF LAG SCREW.
4. MINIMUM LENGTH OF BEAM GUARD ALONG SIDE ROAD OR DRIVEWAY TO INSTALL SHORT RADIUS TERMINAL. BEAM GUARD IS PAID WITH BEAM GUARD ITEM.
5. ODD LENGTH OF BEAM GUARD REQUIRED TO INSTALL SHORT RADIUS TERMINAL.
6. MINIMUM AMOUNT OF BEAM GUARD TO BE INSTALLED PRIOR TO TRANSITION TO RIGID BARRIER. ADDITIONAL BEAM GUARD, OR EAT. BEAM GUARD PAID FOR WITH BEAM GUARD ITEM. SEE PLANS FOR MORE DETAIL.
7. BEAM GUARD, EAT, OR TRANSITION TO RIGID BARRIER. SEE PLAN.
8. TOP OF BEAM GUARD BY THE RADIUS IS 27". HEIGHT OF BEAM GUARD IS 31" BY TRANSITION TO RIGID BARRIER, ADDITIONAL BEAM GUARD OR EAT.
9. ADDITIONAL BEAM GUARD, EAT OR TRANSITION TO RIGID BARRIER. BEAM GUARD SHOWN. SEE PLAN FOR DETAILS.
10. SHORT RADIUS TERMINAL (SEE OTHER DETAILS).
11. HEIGHT VARIES. SEE NOTE 8 AND 8 .
12. BEAM GUARD RAIL SPLICE LOCATION. SPLICE LOCATION REQUIRES PART F1 AND F2. SEE SDD 14B42 FOR DETAILS.
13. SEE TABLE FOR VALUES.
14. MAXIMUM HEIGHT FOR CENTER OF HOLE IS ¾" ABOVE FINISHED GROUND ±1".
15. DRILL POST $^{15}/_{64}$" DIA. PILOT HOLE. DO NOT HAMMER LAG SCREW INTO POST.
16. SMALL SIGNS ON BREAKAWAY HARDWARE ARE ACCEPTABLE.
17. TOP OF RAIL HEIGHT IS 27" WHEN USING A SHORT RADIUS TERMINAL (CRT).

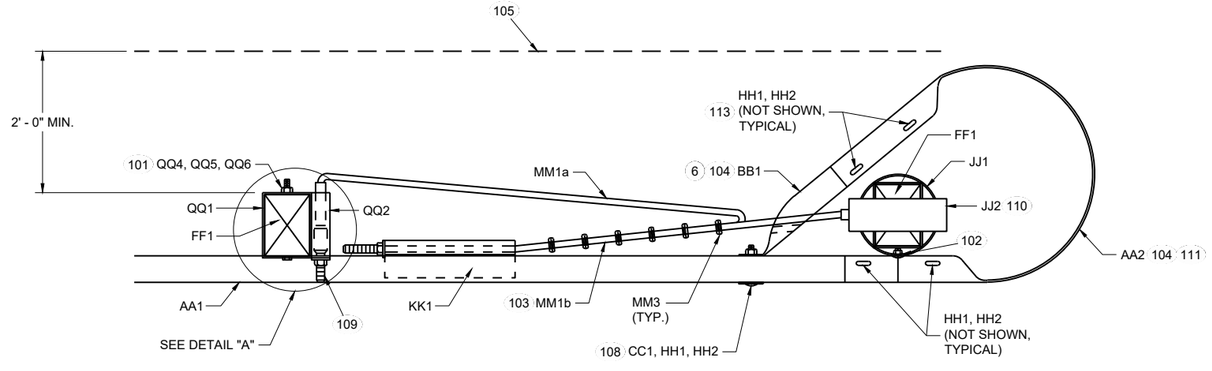
SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PROFILE VIEW

SHORT RADIUS TERMINAL



TOP VIEW

SHORT RADIUS TERMINAL

GENERAL NOTES

100 TOP OF FOUNDATION TUBE 2 INCHES MAXIMUM ABOVE FINISHED GROUND.

101 WASHERS REQUIRED BETWEEN BOLT HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.

102 SPLICE BOLT AND NUT CONNECTS BEAM GUARD RAIL, W-BEAM SECTION BUFFER, AND STEEL PIPE ASSEMBLY. NO WASHER REQUIRED. SEE DETAIL "B".

103 CABLE IS TAUT.

104 ADJUST AA2 AND BB1 TO FIT.

106 BREAK POINT OF SHOULDER.

106 TACK WELD CABLE CONNECTOR TUBE PLATE TO CABLE CONNECTION TUBE. SEE DETAIL "A" PROFILE VIEW.

107 PAY LIMIT FOR BEAM GUARD.

108 SQUARE WASHER BETWEEN HEAD OF BOLT AND TRAFFIC FACE OF BEAM GUARD. ROUND WASHER REQUIRED BETWEEN NUT AND BB1.

109 CUT OR PROVIDE THREADED STUD THAT IS FLUSH WITH FACE OF BEAM GUARD RAIL KK1 (PLUS OR MINUS ½" TOLERANCE). DEBURR AFTER CUTTING.

110 SEE STEEL PIPE ASSEMBLY DETAILS.

111 ATTACH UU2 WITH UU3. SHOP APPLY UU1 TO UU2.

112 FOUR (4) HH1 AND HH2 REQUIRED TO ATTACH AA1 TO AA2.

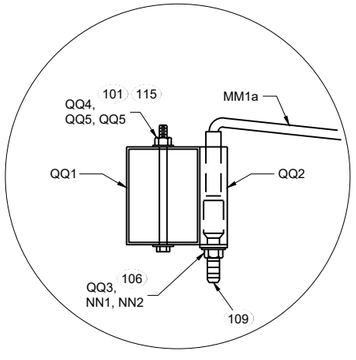
113 FOUR (4) HH1 AND HH2 REQUIRED TO ATTACH AA2 TO BB1.

114 NO MATERIAL IS TO BE PLACED AGAINST THE VERTICAL FACES OF BEARING PLATE.

115 PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLTS FOR POST AND SOIL TUBE.

116 PREVENT OR REMOVE MATERIALS THAT BLOCK ACCESS TO BOLT. PLACE CABLE ON TOP OF MATERIAL.

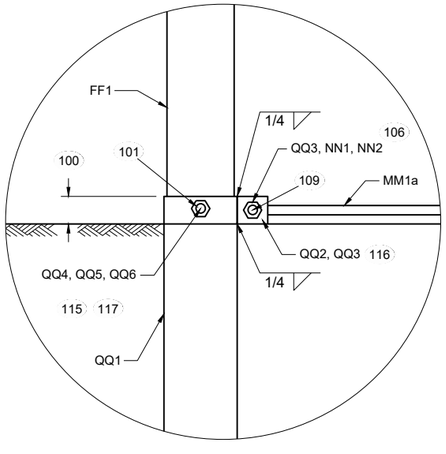
117 ONE WASHER BETWEEN BOLD HEAD AND FOUNDATION TUBE AND BETWEEN NUT AND FOUNDATION TUBE.



TOP VIEW

DETAIL "A"

(WOOD BREAKAWAY AND BEAM GUARD RAIL POSTS NOT SHOWN)



PROFILE VIEW

DETAIL "A"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

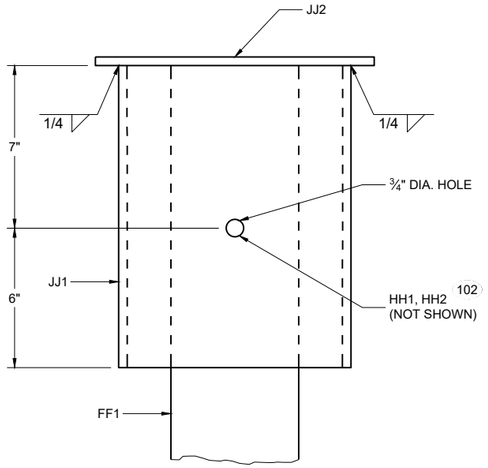
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B53-03b

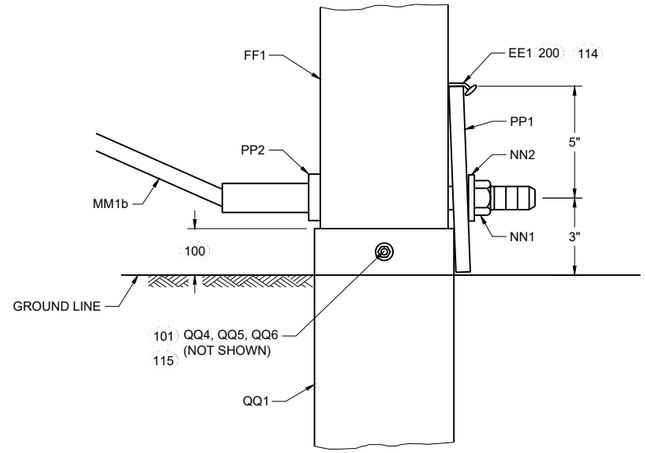
GENERAL NOTES

200 TWO (2) NAILS SPACED 4 INCHES CENTER TO CENTER.



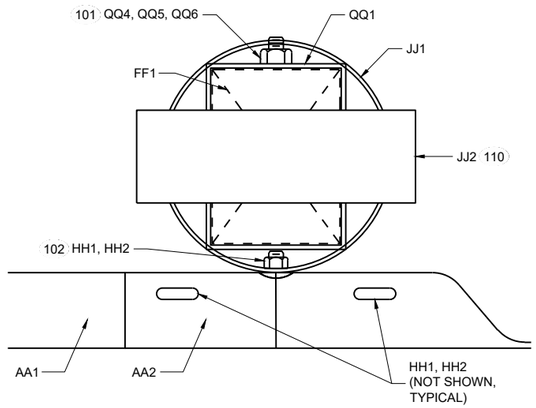
PROFILE VIEW

DETAIL "B"
STEEL PIPE ASSEMBLY
(BEAM GUARD AND W BEAM END SECTION NOT SHOWN)



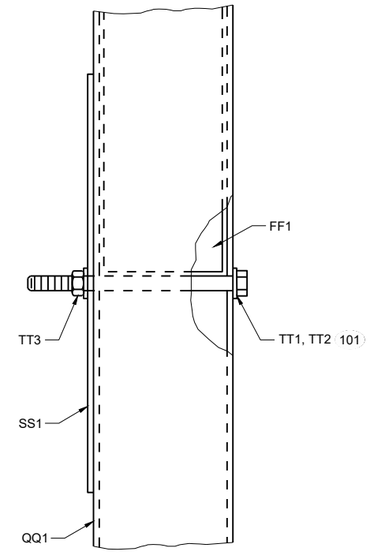
PROFILE VIEW

DETAIL "C"



PLAN VIEW

DETAIL "B"
STEEL PIPE ASSEMBLY



PROFILE VIEW

DETAIL "D"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

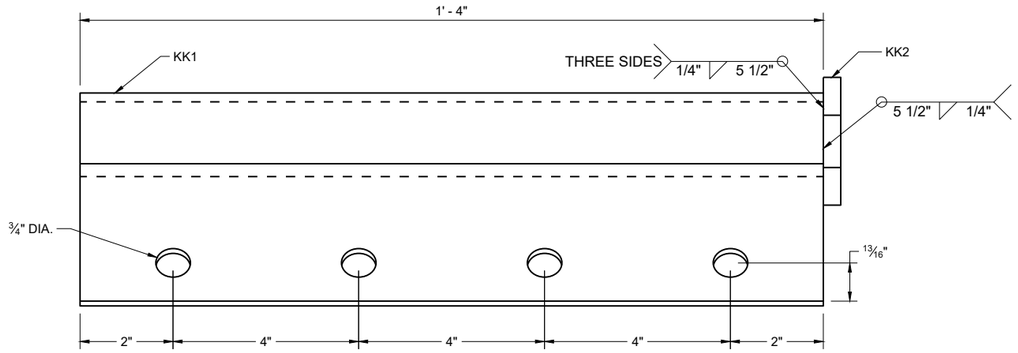
SDD 14B53-03c

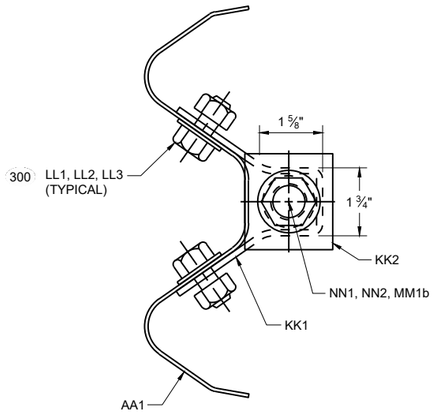
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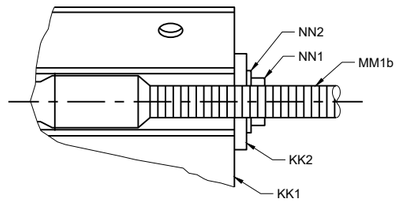
SDD 14B53-03c

GENERAL NOTES

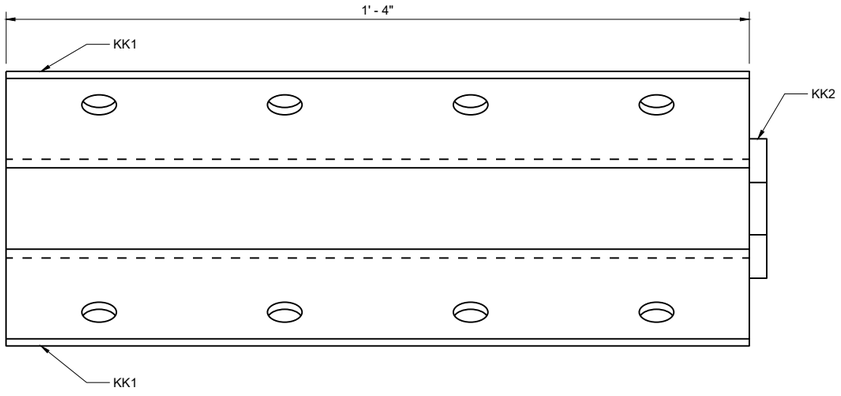
300 WASHERS REQUIRED BETWEEN BOLT HEAD AND BEAM GUARD RAIL AND BETWEEN NUT AND ANCHOR BRACKET. EIGHT (8) LL1 AND LL3 REQUIRED. SIXTEEN (16) LL2 REQUIRED.

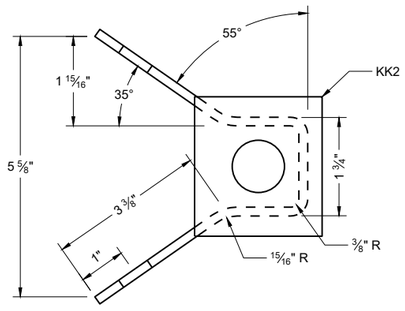




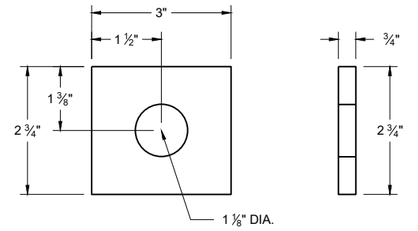


SECTION A - A





ANCHOR BRACKET (KK1, KK2)



ANCHOR BRACKET BEARING PLATE (KK2)

6

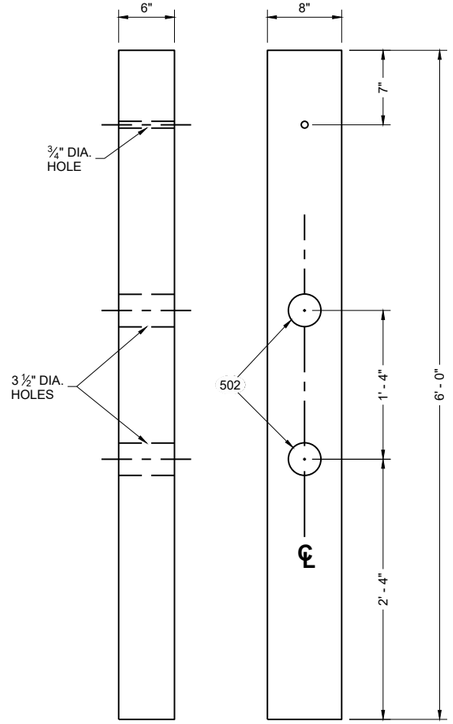
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SDD 14B53-03d

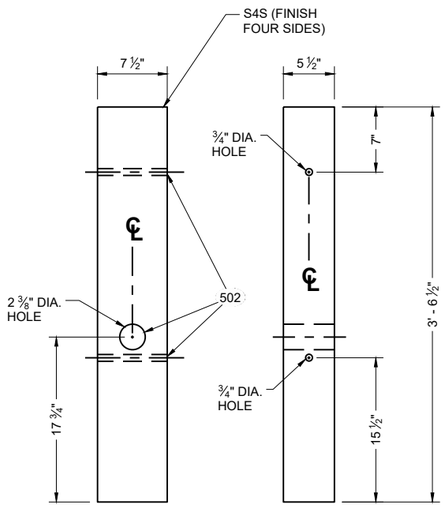
SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



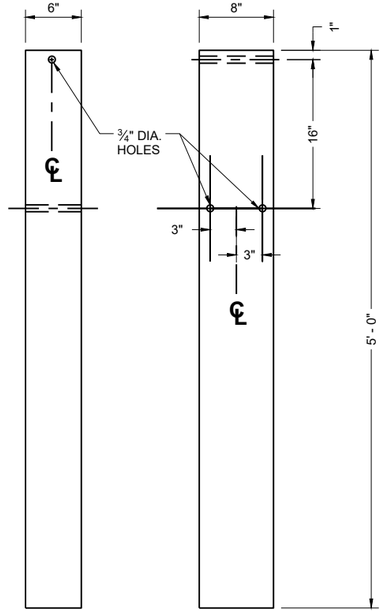
FRONT VIEW SIDE VIEW

CONTROLLED RELEASE POST (CRT) (DD2)



FRONT VIEW SIDE VIEW

WOOD BREAKAWAY POST (FF1)



FRONT VIEW SIDE VIEW

FOUNDATION TUBE (QQ1) 500

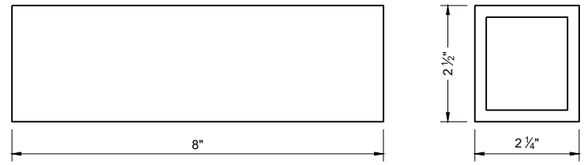
GENERAL NOTES

500 SEE DETAIL "D" FOR LOCATION AND ATTACHMENT OF SS1.

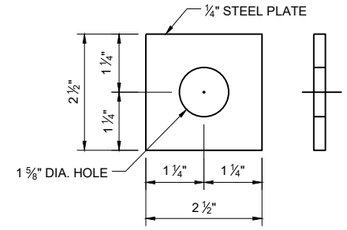
501 FOR MM1a THREADED STUD ONLY REQUIRED ON ONE END. SWAGED FITTING REQUIRED.

502 LOCATE HOLES ON THE CENTERLINE OF THE SIDE OF THE POST.

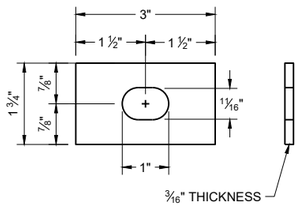
503 MM1a MAY HAVE ONE THREADED STUD 4 INCHES LONG. SEE NOTE 109 .



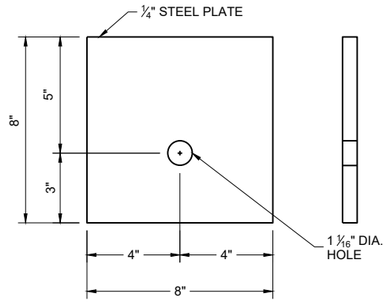
FOUNDATION TUBE - ANCHOR CABLE TUBE (QQ2)



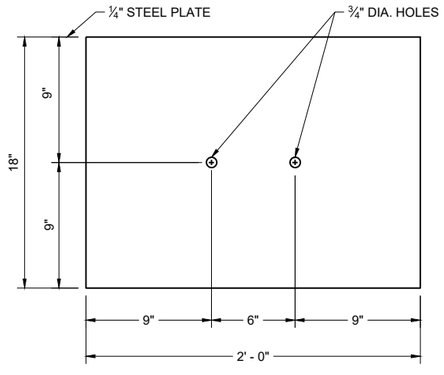
ANCHOR CABLE TUBE END PLATE (QQ3)



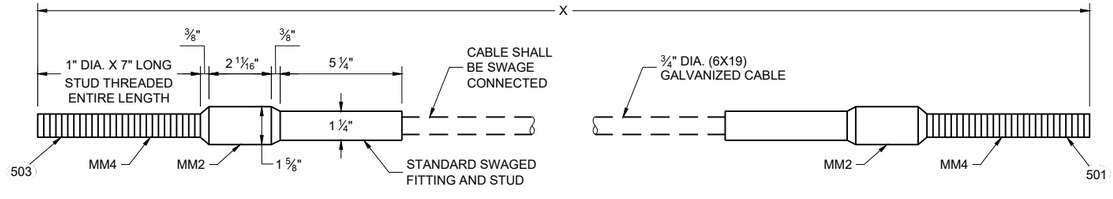
RECTANGULAR PLATE WASHER (CC1)



BEARING PLATE (PP1)



SOIL PLATE (SS1)



CABLE ASSEMBLY (MM1a, MM1b)

"X" LENGTH

MM1b	9' - 0"
MM1b	6' - 8"

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	BEAM GUARD RAIL	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
A2	BEAM GUARD RAIL - SHOP BENT	INDICATE ON BACK OF RAIL THE RADIUS THAT RAIL WAS BENT TO. SHOP BEND RADIUS IS TO THE NEAREST FOOT. FOLLOW AASHTO M180 ON HOW TO MARK RADIUS INFORMATION.	
		AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
B1	BLOCK - WOOD	WISDOT SPEC. 614	SEE SDD 14B42
C1	NAIL	ASTM A153 HOT DIP CLASS D	
		ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEAD)	
D1	POST-STRONG POST-WOOD	WISDOT SPEC. 614	SEE SDD 14B42
D2	POST-CRT-WOOD	WISDOT SPEC. 614	
E1	POST BOLT	ASTM A307 GRADE A OR SAE J429 GRADE 2	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
E2	POST BOLT - WASHER	ASTM F436 TYPE 1 (HARDEN TYPICALLY USED WITH STEEL) OR ASTM F844 (UNHARDENED TYPICALLY WITH WOOD)	5/8" DIA.
		GALV. AASHTO M111 / ASTM A 123 OR GALV. HOT DIP. TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
E3	POST BOLT - NUT	AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		ASTM A563 GRADE A HEAVY HEX HEAD	
F1	SPLICE BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		ASTM A307 GRADE A OR SAE J429 GRADE 2	
		UNC	
		AASHTO M180	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
F2	SPLICE BOLT - NUT	ASTM A563 GRADE A	5/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C/ASTM A153 CLASS C/ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1/ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
G1	LAG SCREW	ASTM A308 GRADE A ASTM A153 CLASS D	1/2" DIA. 6" LONG
H1	DELINEATOR - BEAM GUARD		SEE SDD 14B42 FOR MORE INFORMATION
H2	DELINEATION - SHEETING	YELLOW OR WHITE	
		WISDOT SPEC 637 TYPE SH	
		APPROVED PRODUCT LIST	
J1	FOUNDATION BACKFILL	STANDARD SPEC. 614	
AA1	BEAM GUARD RAIL - PUNCHED	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
AA2	BEAM GUARD RAIL - END SECTION BUFFER	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
BB1	BEAM GUARD RAIL - TERMINAL CONNECTOR MODIFIED	AASHTO M180, CLASS A, TYPE 2	
		APPROVED PRODUCER	
CC1	SHORT RADIUS - SQUARE WASHER	AASHTO M180	
		GALV. AASHTO M111 / ASTM A123	
EE1	NAIL	ASTM A153 HOT DIP CLASS D	
		ASTM F1667 TYPE 1 STYLE 12 (16 DOUBLE HEADED)	
FF1	POST - BCT - WOOD	S4S FINISH ON 4 SIDES	
		WISDOT SPEC. 614	
GG1	POST BOLT	ASTM A307 GRADE A OR SAE J429 GRADE 2	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180	
		GALV. HOT DIP TO AASHTO M232 CLASS C/ASTM A153 CLASS C/ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1/ASTM B695 CLASS 50, TYPE 1	
		UNC	
GG2	POST BOLT - WASHER	ASTM F436 TYPE 1 (HARDEN TYPICALLY USED WITH STEEL) OR ASTM F844 (UNHARDENED TYPICALLY WITH WOOD)	3/8" DIA.
		GALV. AASHTO M111 / ASTM A 123 OR GALV. HOT DIP. TO AASHTO M232 CLASS C/ASTM A153 CLASS C / ASTM F2329	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B53-03g

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
GG3	POST BOLT - NUT	ASTM A563 GRADE A	3/8" DIA. SEE 14B42 FOR GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		ASTM A563 GRADE A HEAVY HEX HEAD	
HH1	SPLICE BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		ASTM A307 GRADE A OR SAE J429 GRADE 2	
		UNC	
		AASHTO M180 HEAD GEOMETRY	
HH2	SPLICE BOLT - NUT	ASTM A563 GRADE A	3/8" DIA. SEE SDD 14B42 FOR BOLT GEOMETRY
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
JJ1	PIPE - STEEL	ASTM A53 GALVANIZED GRADE B SCHEDULE 40	10" O.D.
JJ2	TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	DIMENSIONS 3/8" X 4" X 1' - 0"
		GALV. AASHTO M111 / ASTM A123	
KK1	ANCHOR BRACKET	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
KK2	ANCHOR BRACKET - BEARING PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
LL1	ANCHOR BRACKET - BOLT	ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	5/8" DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
LL2	ANCHOR BRACKET - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8" DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
LL3	ANCHOR BRACKET - NUT	ASTM A563 GRADE A	5/8" DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
MM1a	ANCHOR CABLE	AASHTO M30 / ASTM A741 INDEPENDENT WIRE CORE (IWRC) OR WIRE STRAND CORE (WCS), IMPROVED PLOW STEEL (IPS), 6X19, TYPE II OR IIc CLASS C ZINC COATED	
MM1b	ANCHOR CABLE	AASHTO M30 / ASTM A741 INDEPENDENT WIRE CORE (IWRC) OR WIRE STRAND CORE (WCS), IMPROVED PLOW STEEL (IPS), 6X19, TYPE II OR IIc CLASS C ZINC COATED	
MM2	ANCHOR CABLE - SWAGE FITTING	ASTM A576 GRADE 1035	
		SWAGE FITTINGS ARE TO BE FACTORY SWEDGED. WITH A BREAKING STRENGTH 40,000 LBS.	
		GALV. AASHTO M111 / ASTM A123	
		ASME B30.26 FORGED, CAST, OR DIE STAMPED WITH THE FOLLOWING INTO CONNECTION: NAME OF MANUFACTURER OR TRADEMARK OF CONNECTION'S MANUFACTURER, SIZE OR RATED LOAD, GRADE.	
MM3	WIRE ROPE CABLE CLAMPS	FF-C-450D TYPE 1 CLASS 1	3/4"
		ASTM A153 HOT DIP CLASS D	
MM4	ANCHOR CABLE - SWAGE FITTING - STUD	ASTM F3125 GRADE A325 TYPE 1 OR SAE GRADE 5 OR ASTM A449 TYPE 1 HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
NN1	ANCHOR CABLE - NUT	ASTM A563 GRADE A	1" DIA.
		AASHTO M180 DOUBLE RECESSED HEAVY HEX HEAD	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		OVER TAPPED NUTS OVER-SIZE AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		UNC	
NN2	ANCHOR CABLE - NUT - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	1" DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B53-03h

BILL OF MATERIALS - SHORT RADIUS BEAM GUARD (MGS)

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
PP1	BEARING PLATE AT POST	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / ASTM A123	
PP2	PIPE - STEEL	ASTM A53 GALVANIZED GRADE B SCHEDULE 40	2" DIA. x 6" LONG
QQ1	FOUNDATION TUBE	ASTM A500 GRADE B	8" X 6" X 3/16"
		GALV. AASHTO M111 / ASTM A123	
QQ2	SHORT RADIUS - FOUNDATION TUBE - ANCHOR CABLE - TUBE	ASTM A500 GRADE B	DIMENSIONS 2 1/2" X 2 1/4" X 1/4" X 8"
		GALV. AASHTO M111 / ASTM A123	
QQ3	SHORT RADIUS - SOIL TUBE - ANCHOR CABLE - TUBE - END PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	DIMENSIONS 2 1/2" X 2 1/2" X 1/4"
		GALV. AASHTO M111 / ASTM A123	
QQ4	GROUND STRUT AND YOKE - BOLT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8 DIA.
		ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	
		UNC	
QQ5	GROUND PLATE AND YOKE - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8 DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
QQ6	GROUND STRUT AND YOKE - NUT	HEAVY HEX	5/8 DIA.
		UNC	
		ASTM A563 GRADE A	
		OVER TAPPED NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563	
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	

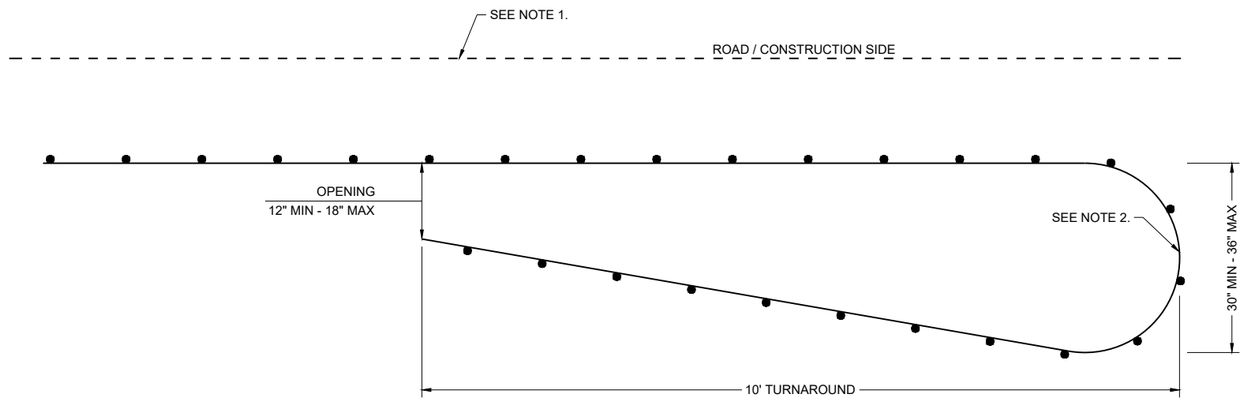
PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
SS1	SOIL PLATE	ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX STRENGTH 50 KSI OR ASTM A709 MAX STRENGTH 50 KSI OR ASTM A992 MAX STRENGTH 50 KSI	
		GALV. AASHTO M111 / A123	
TT1	SOIL PLATE - BOLT	ASTM A307 GRADE B HEAVY HEX HEAD OR SAE J429 GRADE 2 HEAVY HEX HEAD	5/8 DIA.
		GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	
		UNC	
TT2	SOIL PLATE - WASHER	ASTM F436 TYPE 1 (HARDEN WASHER ONLY)	5/8 DIA.
		GALV. AASHTO M111 / ASTM A123 OR GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329	
TT3	SOIL PLATE - NUT	GALV. HOT DIP TO AASHTO M232 CLASS C / ASTM A153 CLASS C / ASTM F2329 OR GALV. MECHANICALLY TO AASHTO M298 CLASS 50, TYPE 1 / ASTM B695 CLASS 50, TYPE 1	5/8 DIA.
UU1	OBJECT MARKER - SHEETING	MUTCD / WISDOT OBJECT MARKER TYPE 3	PATTERN AND COLOR FOR SHEETING. SHEETING TYPE FOR MARKER.
		WISDOT SPEC 637 TYPE F	
		APPROVED PRODUCT LIST	
UU2	OBJECT MARKER - ALUMINUM PLATE	WISDOT SPEC 637 ALUMINUM PLATE	MATERIAL AND THICKNESS OF MATERIALS
UU3	OBJECT MARKER - SCREWS	STAINLESS SELF-TAPPING SCREWS	
VV1	FOUNDATION BACKFILL	WISDOT SPEC 614	

SHORT RADIUS BEAM GUARD (MGS) SHORT RADIUS TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA

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SDD 14B53-03i



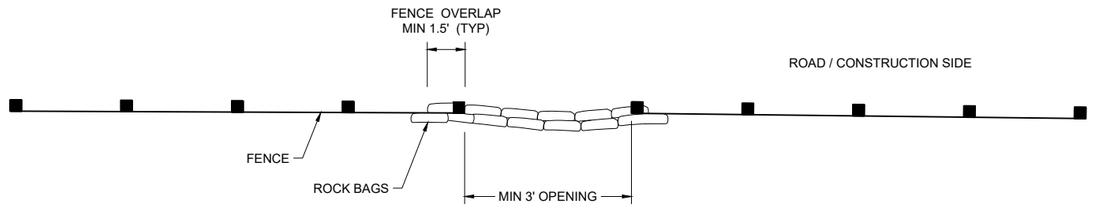
PLAN VIEW

CLIMBING TURTLE EXCLUSION FENCE DETAIL

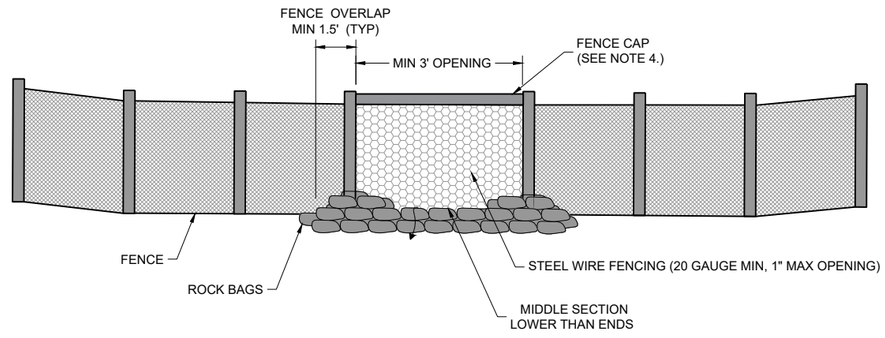
GENERAL NOTES:

1. WHERE SILT FENCE IS REQUIRED, IT SHALL BE PLACED ON THE CONSTRUCTION SIDE OF THE EXCLUSION FENCING, OR COMBINED WITH THE EXCLUSION FENCING AS ALLOWED IN THE SPECIFICATIONS. STAKES ON THIS DETAIL ARE OPPOSITE OF STANDARD SILT FENCE FOR SEDIMENT CONTROL.
2. PLACE TURNAROUNDS AT ALL TERMINI ENDS OF THE EXCLUSION FENCING.
3. IF TEMPORARY ACCESS POINTS ARE NEEDED DURING CONSTRUCTION THAT REQUIRE OPENINGS IN THE EXCLUSION FENCING, ACCESS OPENINGS SHOULD BE TIGHTLY SECURED WITH BALES OF HAY OR STRAW WHENEVER CONSTRUCTION RELATED ACTIVITIES ARE NOT OCCURRING. REINSTALL EXCLUSION FENCING WHEN THE WORK REQUIRING THE TEMPORARY ACCESS OPENING IS COMPLETED.
4. THE FENCE CAP MAY BE A 6" UNDER DRAIN PIPE, SLIT DOWN THE CENTER AND PLACED OVER THE FENCE. COMMERCIALLY AVAILABLE SAFETY CAPS WITH A LIP MAY BE USED. OTHER DNR APPROVED METHODS TO PREVENT TURTLES FROM PASSING OVER THE TOP OF THE FENCE MAY BE USED.

   SECURELY FASTEN THE CAP TO PREVENT IT FROM BEING DISLODGED.



PLAN VIEW



FRONT VIEW

CLIMBING TURTLE FENCE RELIEF DETAIL

TURTLE EXCLUSION FENCE
CLIMBING TURTLE

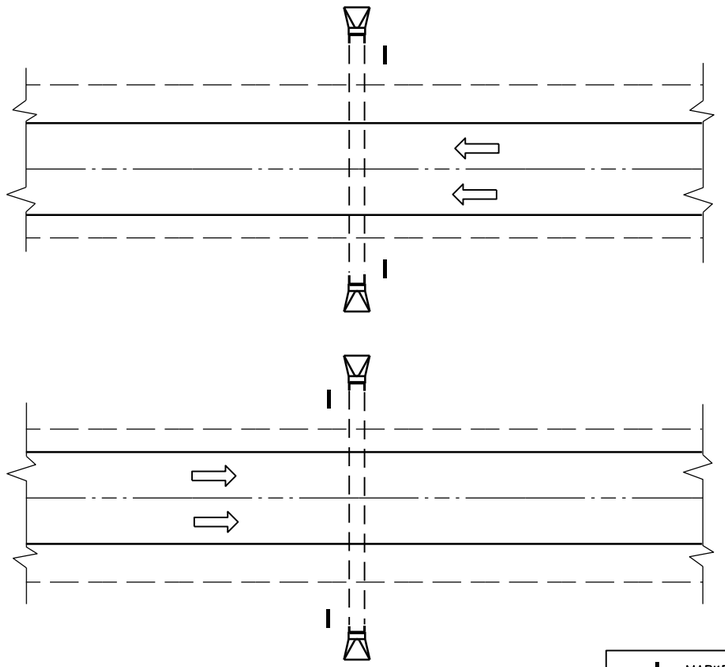
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
AUGUST 2025
DATE

/S/ ALYSSA BARRETTE
CHIEF STATEWIDE ENVIRONMENTAL SERVICES
BUREAU OF TECHNICAL SER

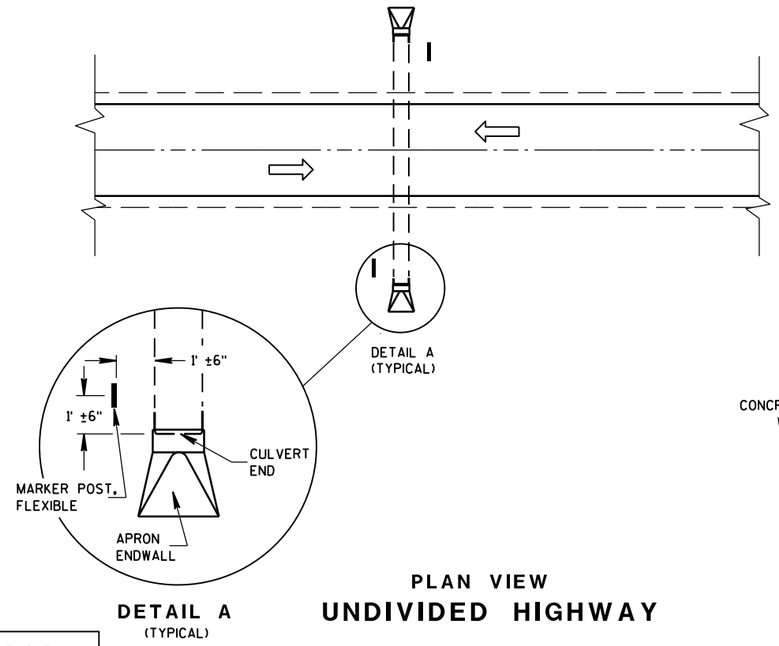
FHWA

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SDD 14D01-01



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

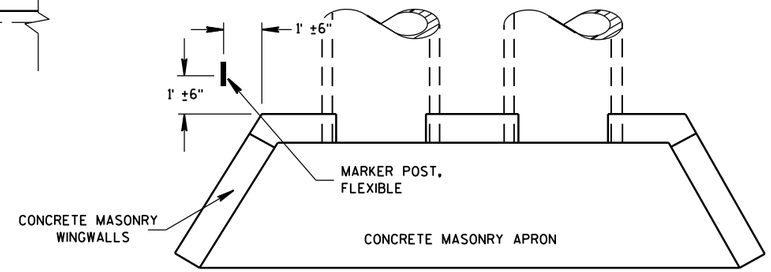
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

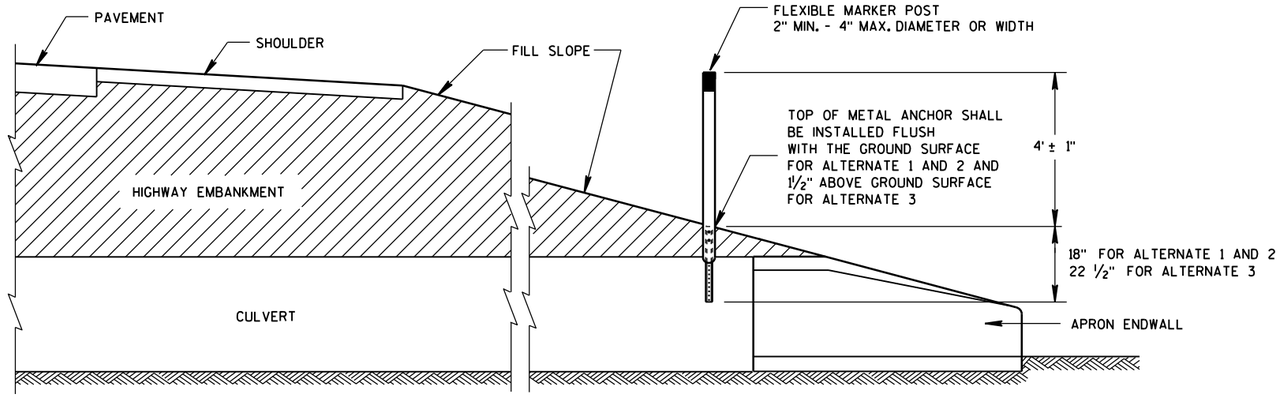
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST
FOR CULVERT END

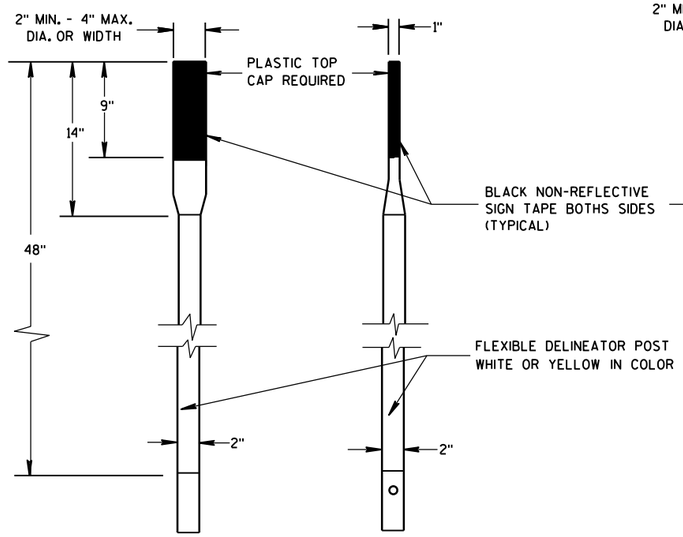
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

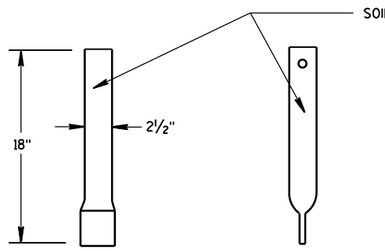
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S.D.D. 15 A 3-2a

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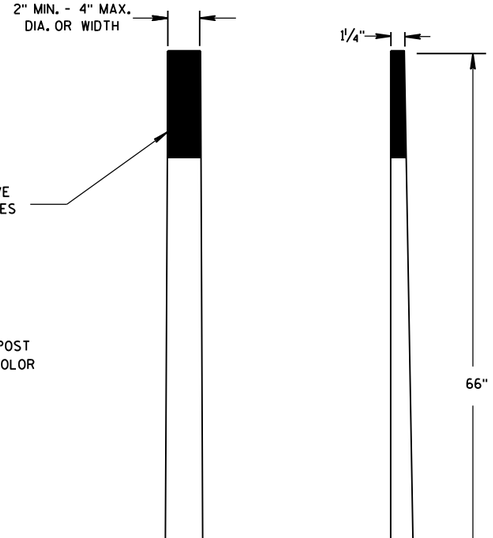
S.D.D. 15 A 3-2a





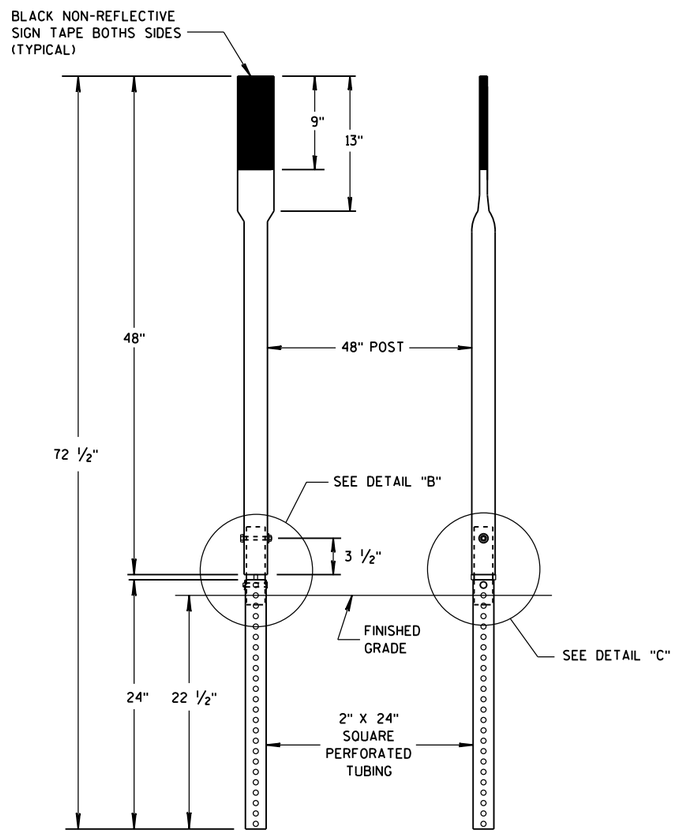
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

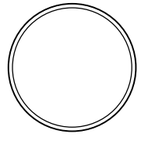
ALTERNATE 2



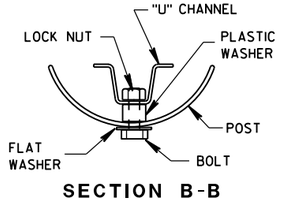
FRONT VIEW SIDE VIEW

ALTERNATE 3

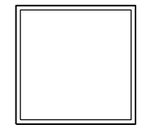
FLEXIBLE MARKER POSTS



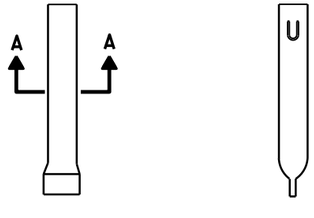
SECTION A-A



SECTION B-B

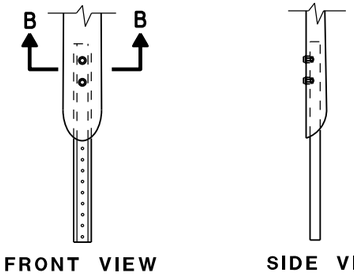


SECTION C-C



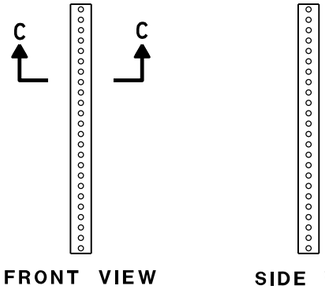
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

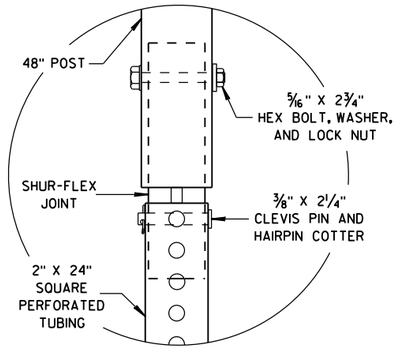
ALTERNATE 2



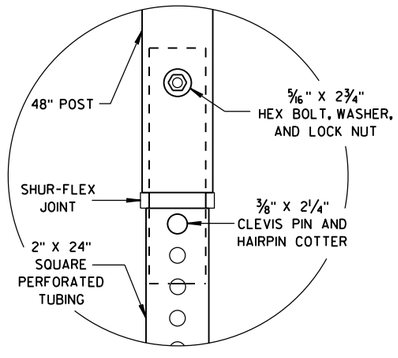
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

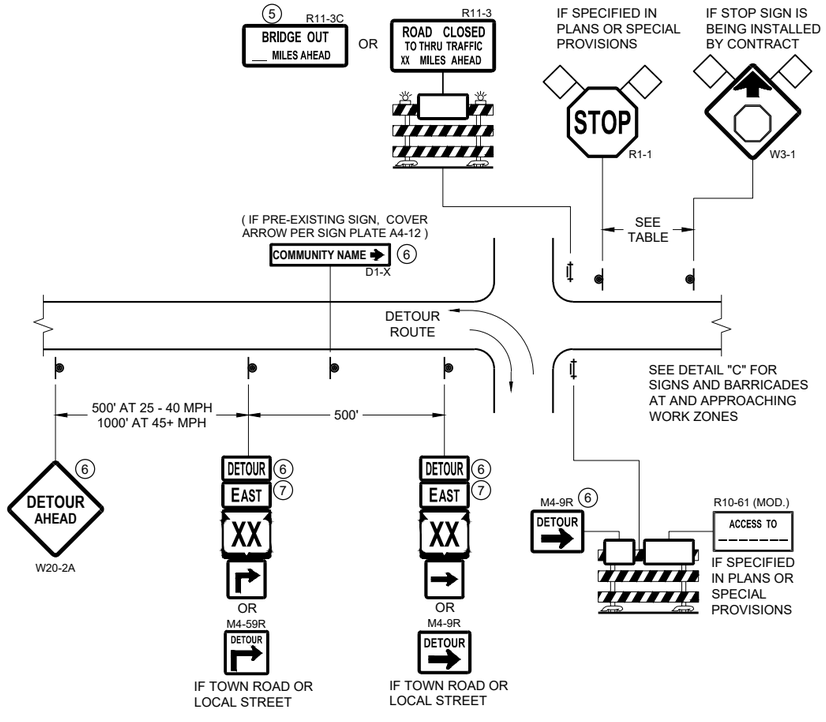
APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 A 3-2b

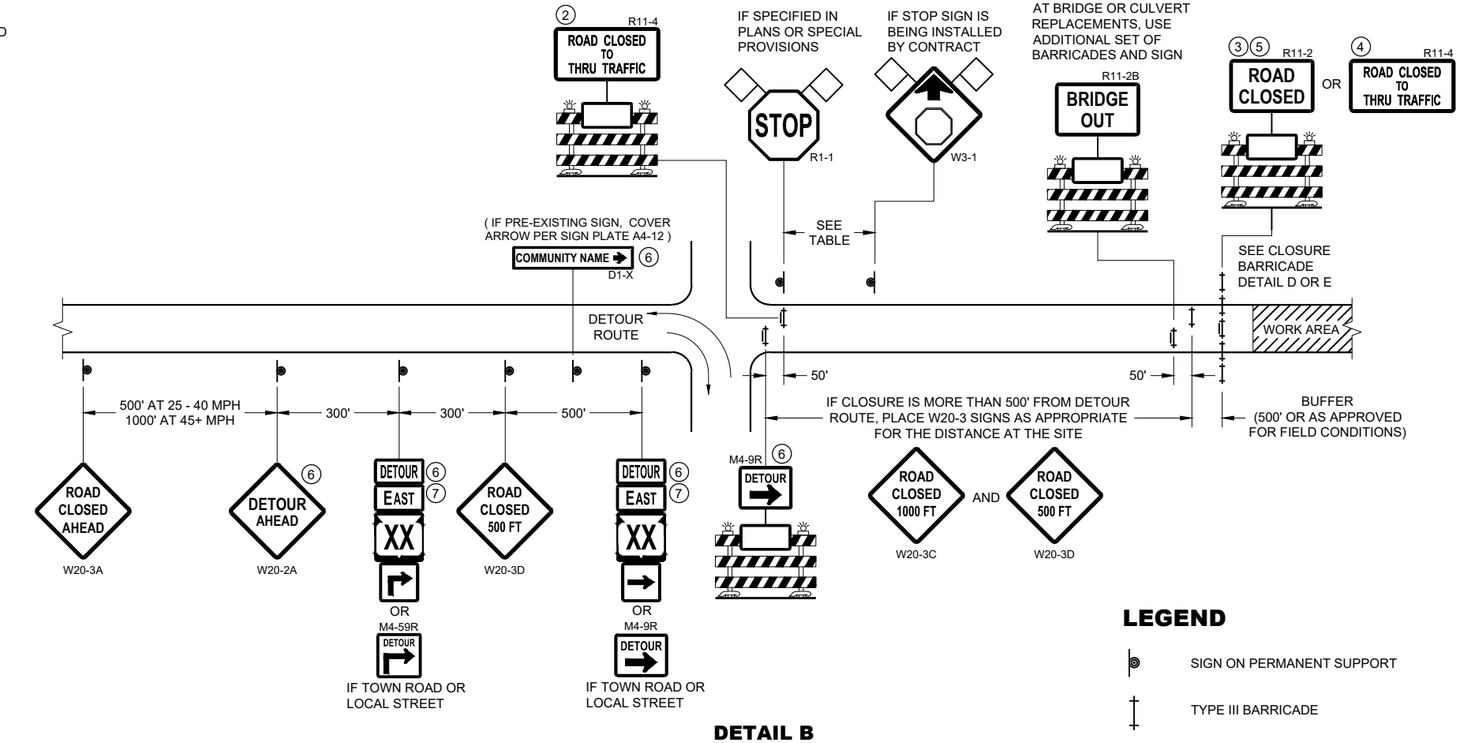
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S.D.D. 15 A 3-2b



DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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



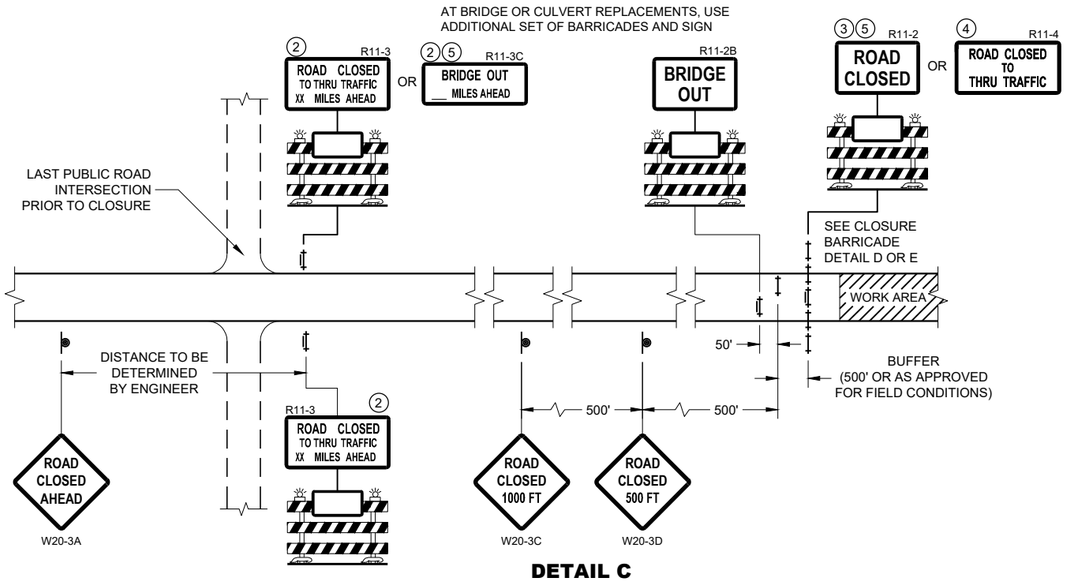
DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

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

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)

DETOUR M4 - 8
EAST M3 - X
XX M1 - 4 OR XX M1 - 6 OR COUNTY X M1 - 5A
M05 - 1 OR M06 - 1



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

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

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

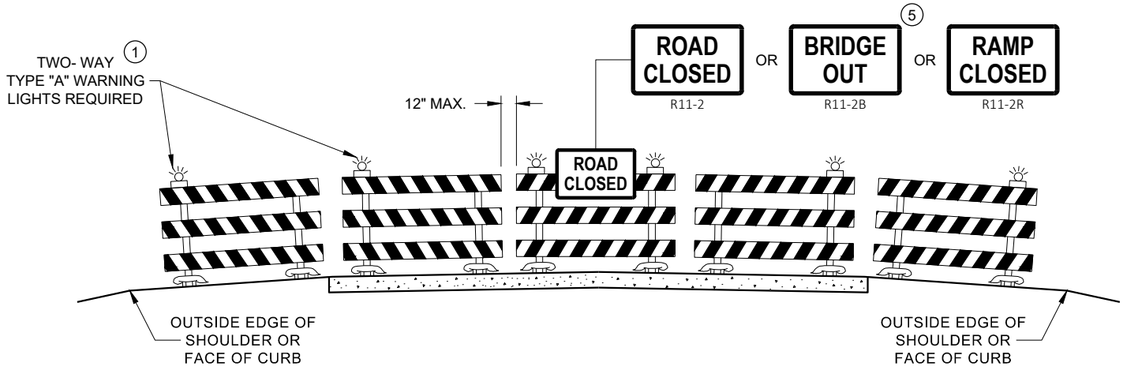
APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

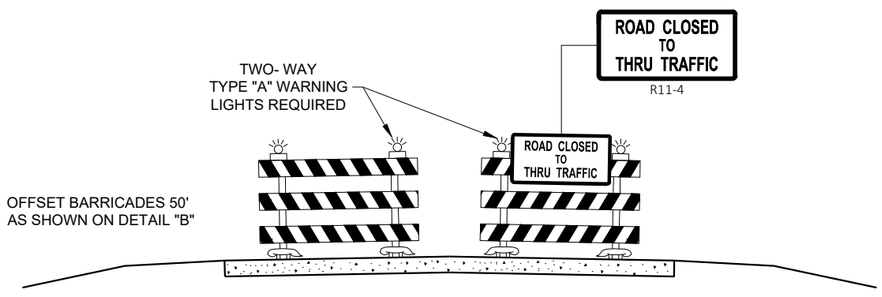
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SDD 15C02 - 09a

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 / EAST — M4 - 8, M3 - X
- XX — M1 - 4
- XX — M1 - 6
- COUNTY / X — M1 - 5A
- M05 - 1
- M06 - 1
- 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.

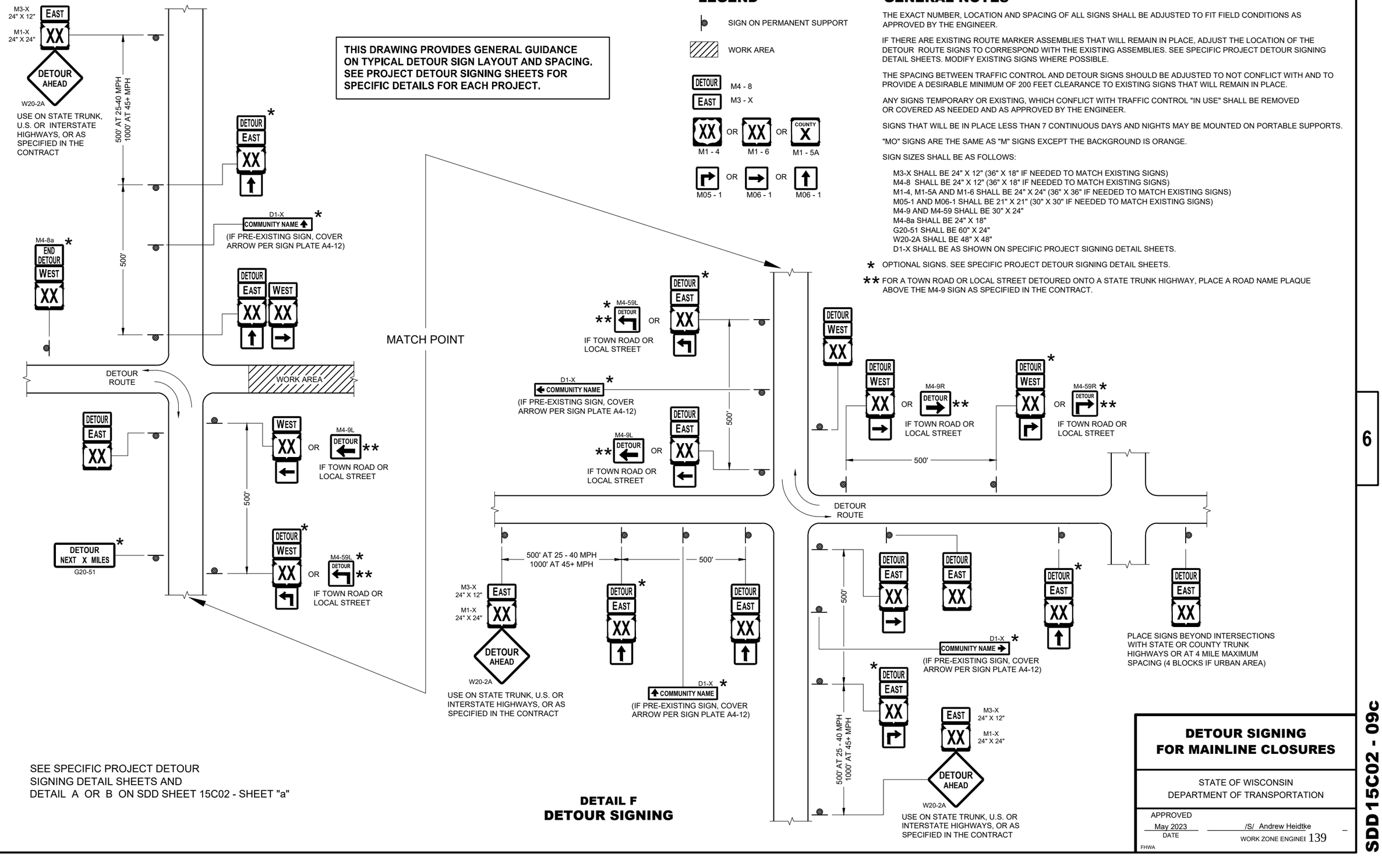
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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

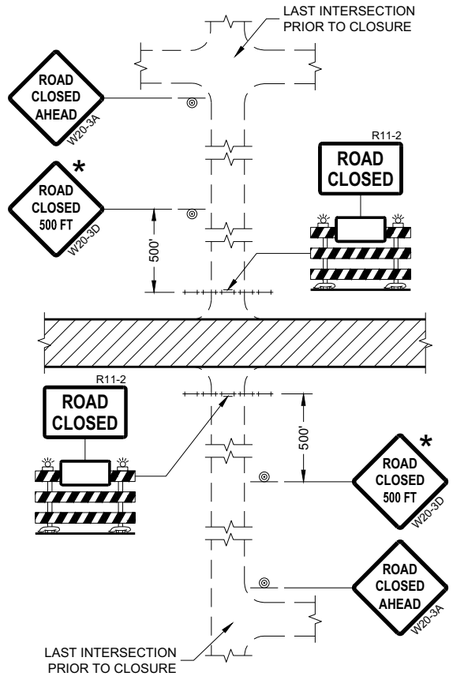
APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

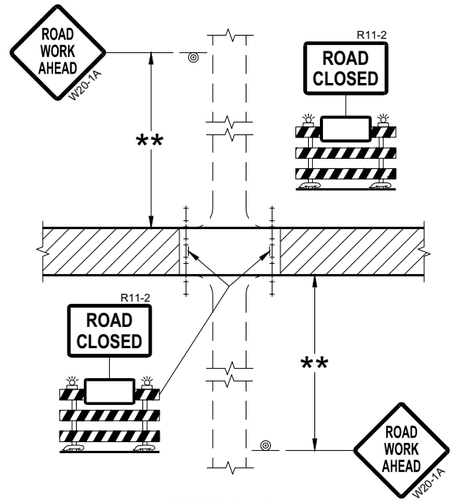
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SDD 15C02 - 09c



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)

GENERAL NOTES

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

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

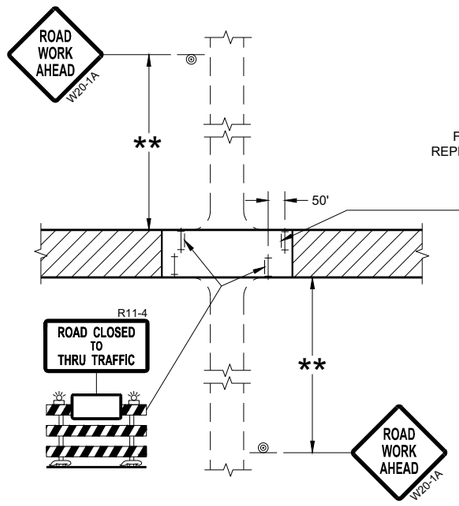
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

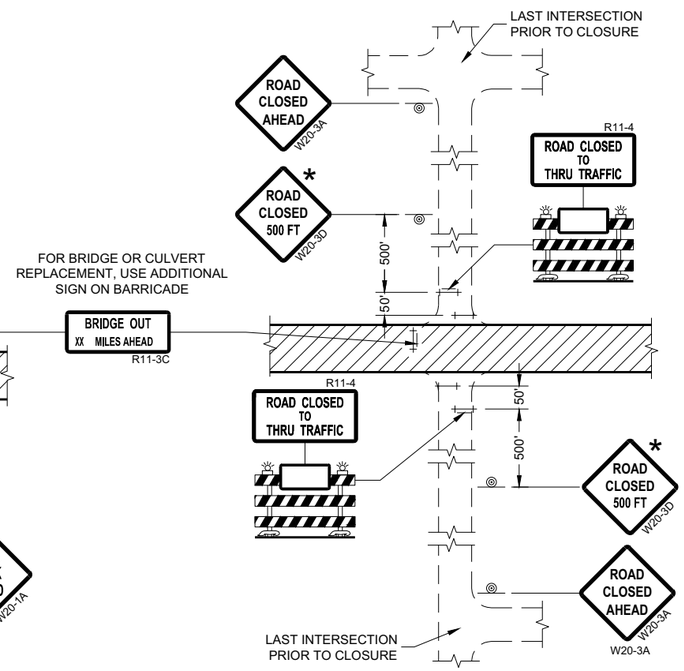
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.





DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

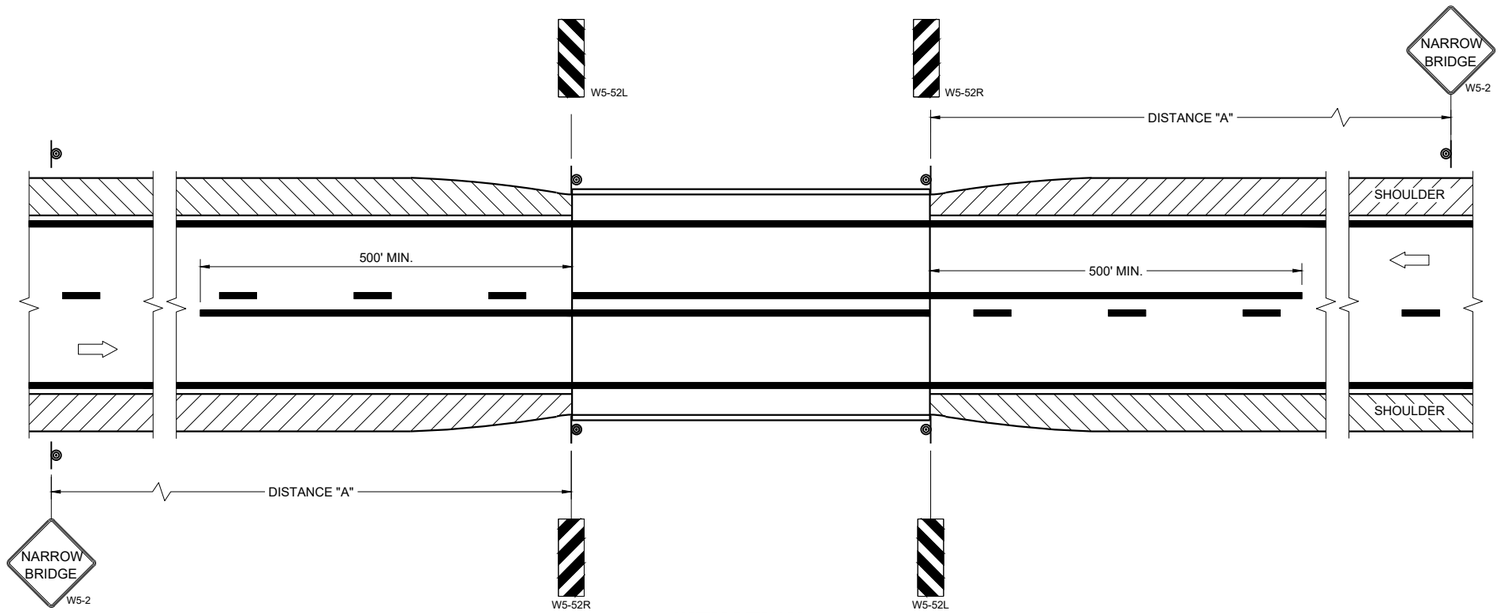
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

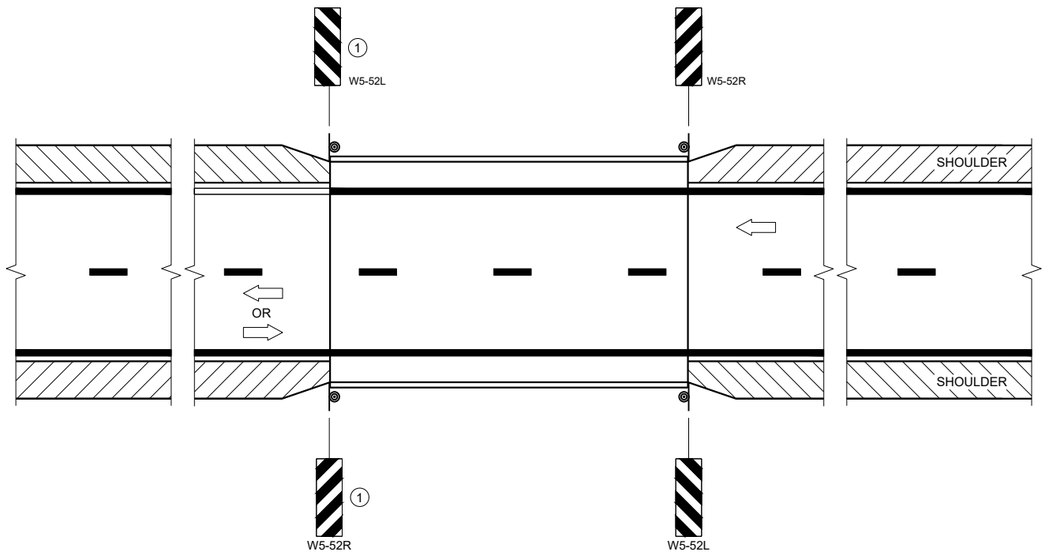
FHWA

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SDD 15C03 - 05



SITUATION 1

WARRANTING CRITERIA:
BRIDGE WIDTH IS AT LEAST 16 FEET BUT LESS THAN 24 FEET.



SITUATION 2

WARRANTING CRITERIA:
1. BRIDGE WIDTH IS AT LEAST 24 FEET AND
2. BRIDGE SHOULDER WIDTH IS LESS THAN 6 FEET

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THE DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

LOCATE W5-52 SIGN POST(S) BEHIND GUARDRAIL WHEN PRESENT.

PLACE THE EDGE OF THE W5-52 SIGN IN LINE WITH FACE OF CURB OR PARAPET.

ON BRIDGE ONLY PROJECTS, PLACE 300 FEET OF EDGELINE.

OMIT EDGELINES ON ROADWAYS WITHOUT EXISTING EDGELINES.

(1) OMIT ON ONE-WAY TRAVELED WAYS.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

DISTANCE TABLE

POSTED OR 85TH PERCENTILE SPEED	DISTANCE "A"
25	150'
30	200'
35	250'
40	300'
45	400'
50	550'
55	700'

SIGNING AND MARKING FOR TWO LANE BRIDGES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Jeannie Silver
Statewide Pavement Marking Engineer
FHWA

6
SDD 15C06-12

GENERAL NOTES

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

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

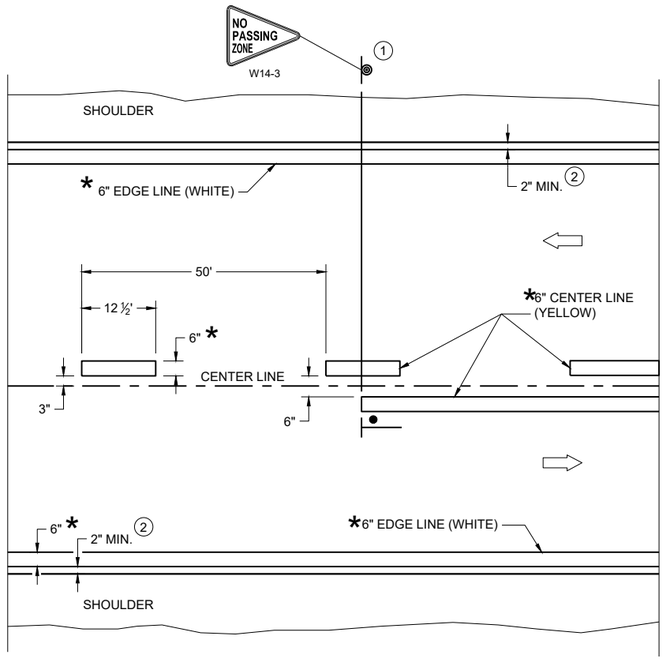
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

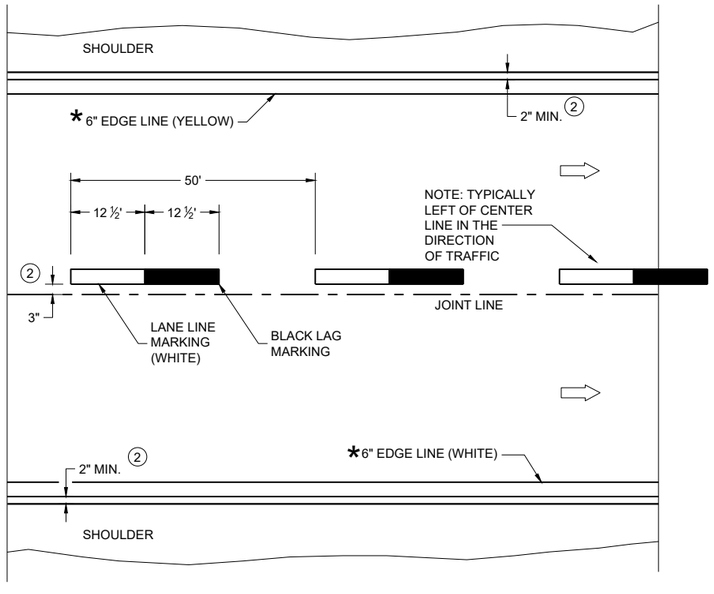
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2024
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

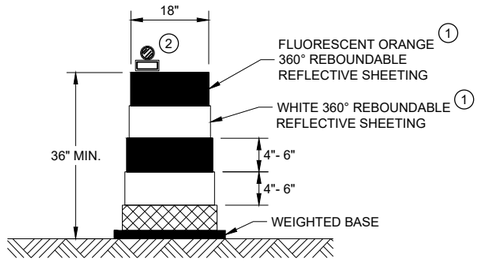
FHWA

SDD 15C08-24a

SDD 15C08-24a

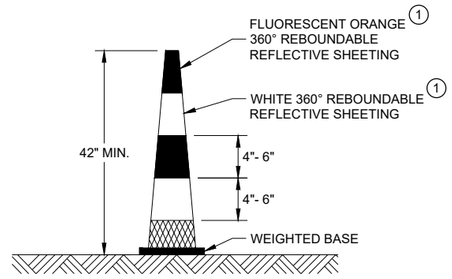
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

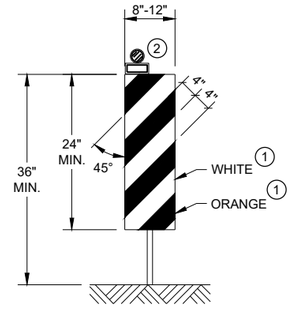
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

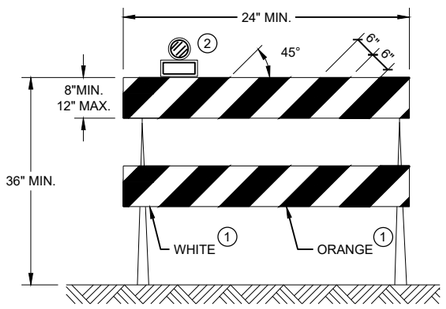
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



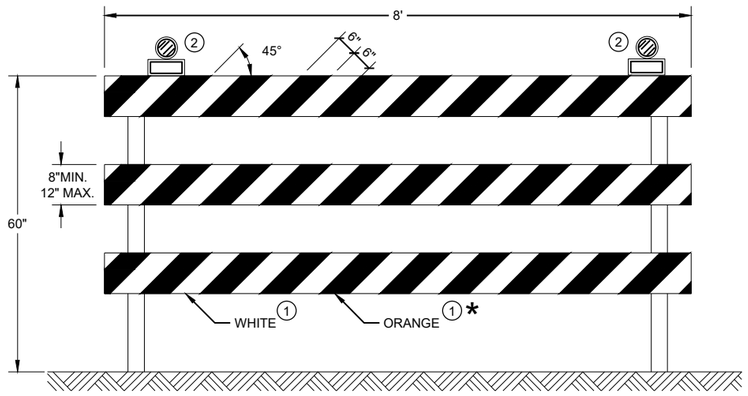
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEE
FHWA

6

SDD 15C11 - 10b

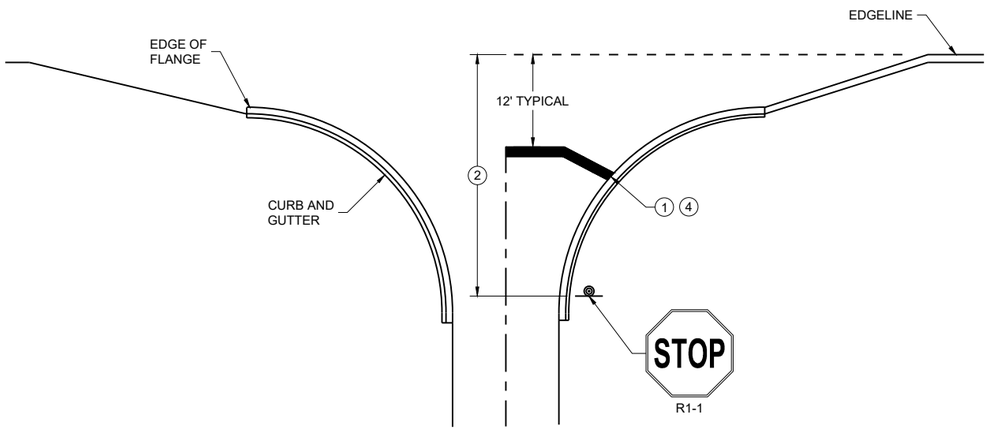
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SDD 15C11 - 10b

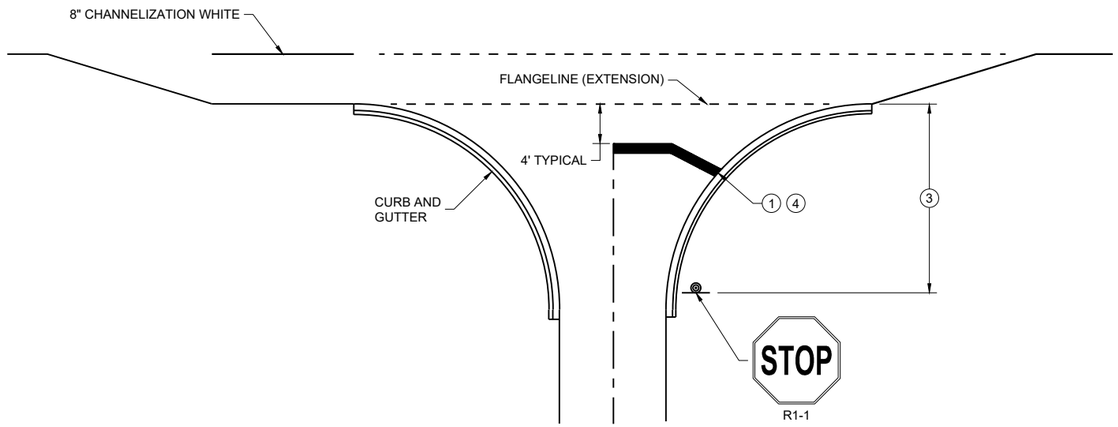
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

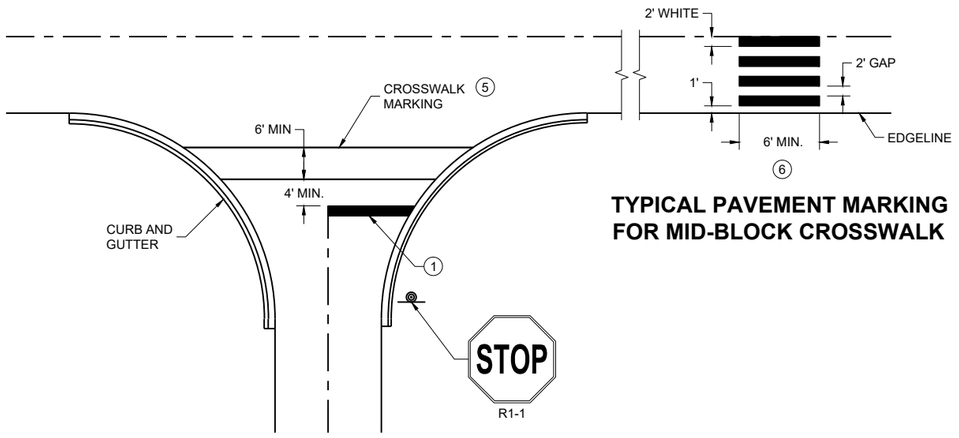
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

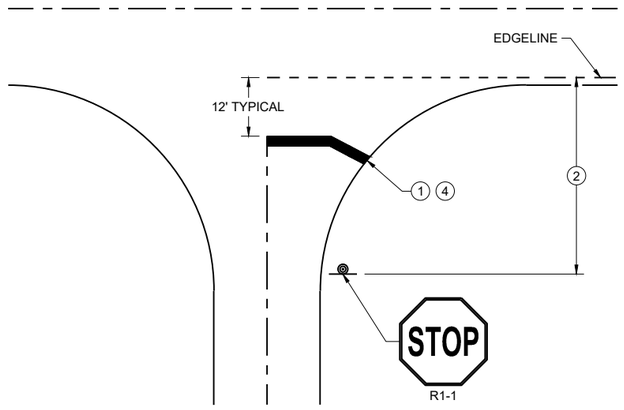


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK (5)

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

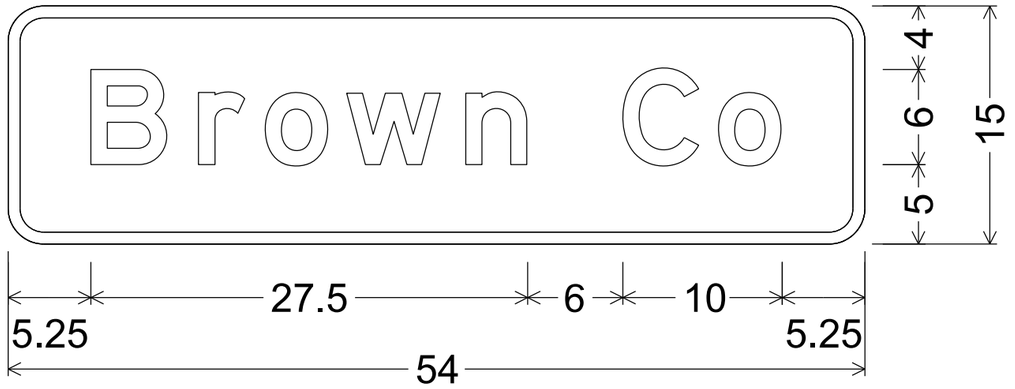
FHWA

6

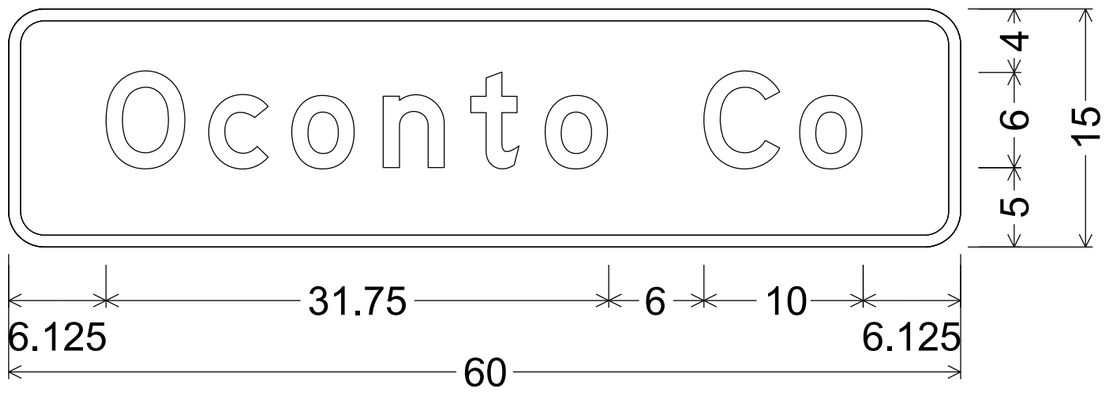
SDD 15C33-05

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



I2-2; 2.250" Radius, 0.750" Border



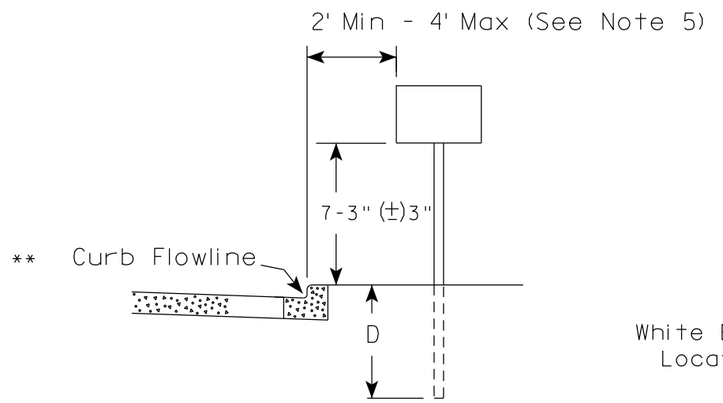
I2-2; 2.250" Radius, 0.750" Border

7

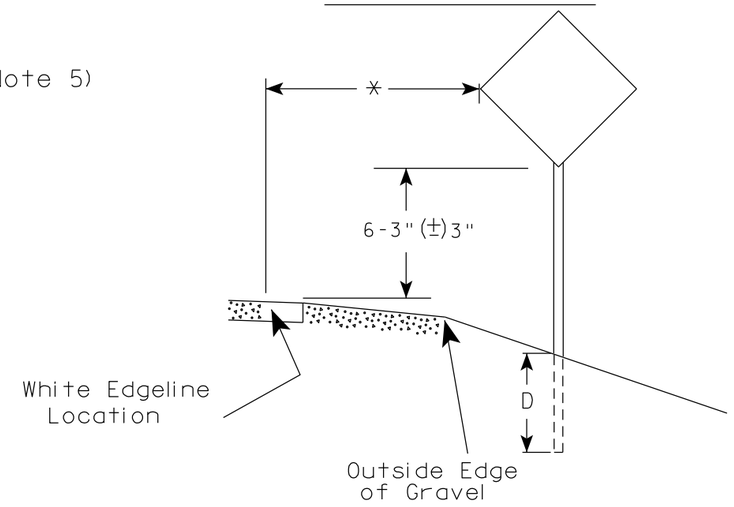
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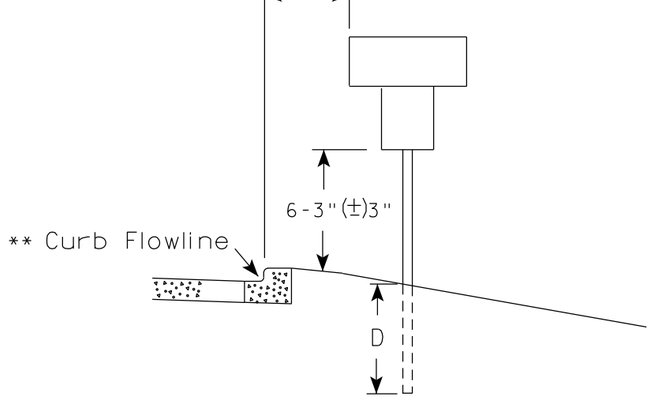
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	PERMANENT SIGNING	SHEET NO: 145	E

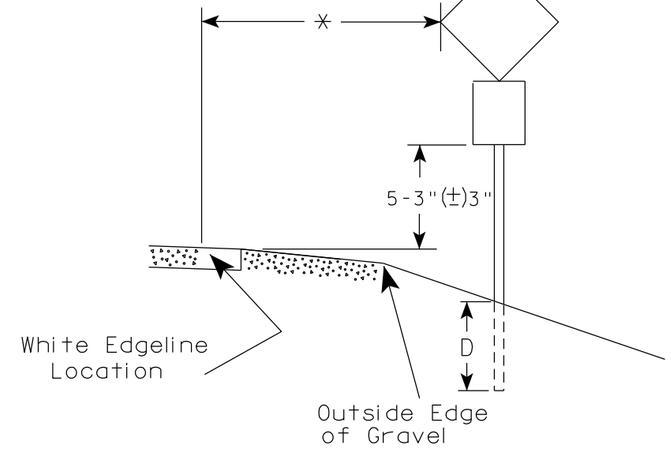
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

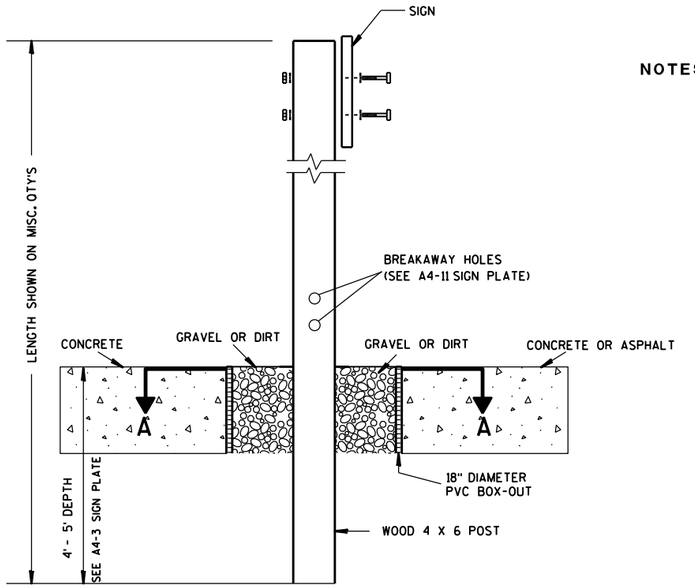
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

7

7

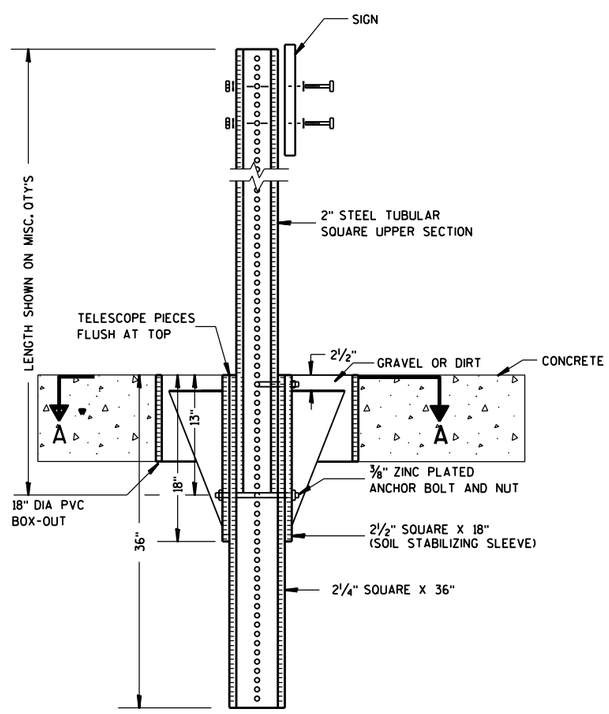
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 146	E



ELEVATION VIEW

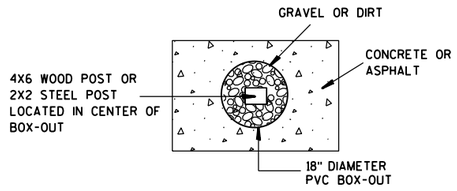
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

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

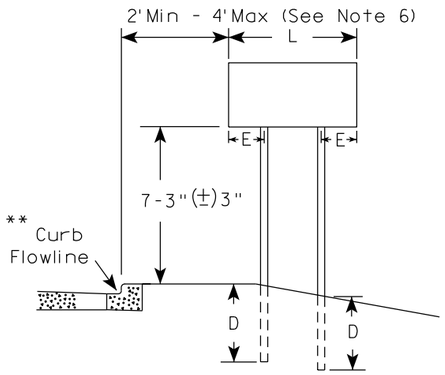
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

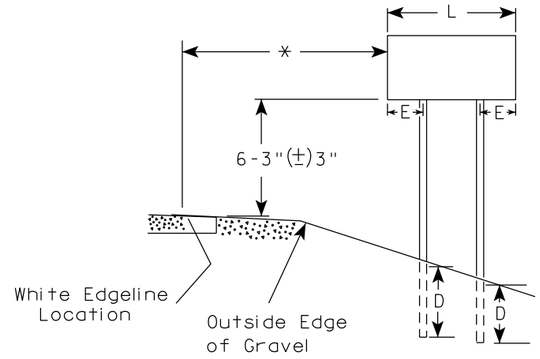
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

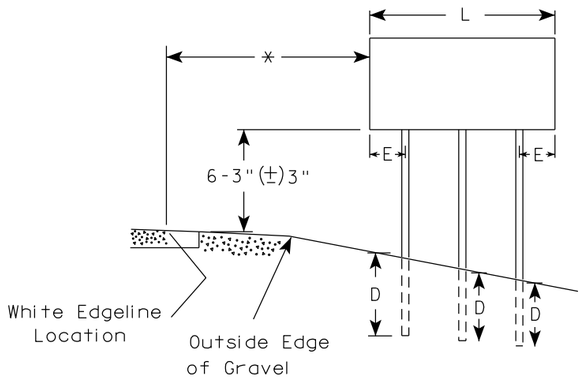
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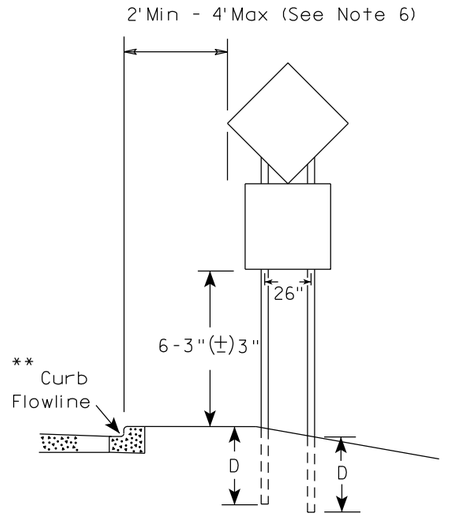
URBAN AREA



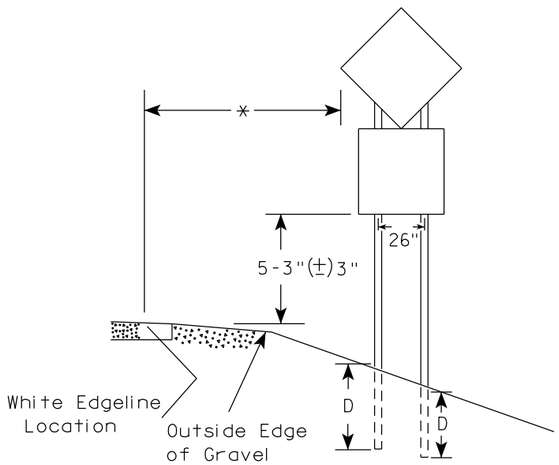
RURAL AREA (See Note 3)







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'

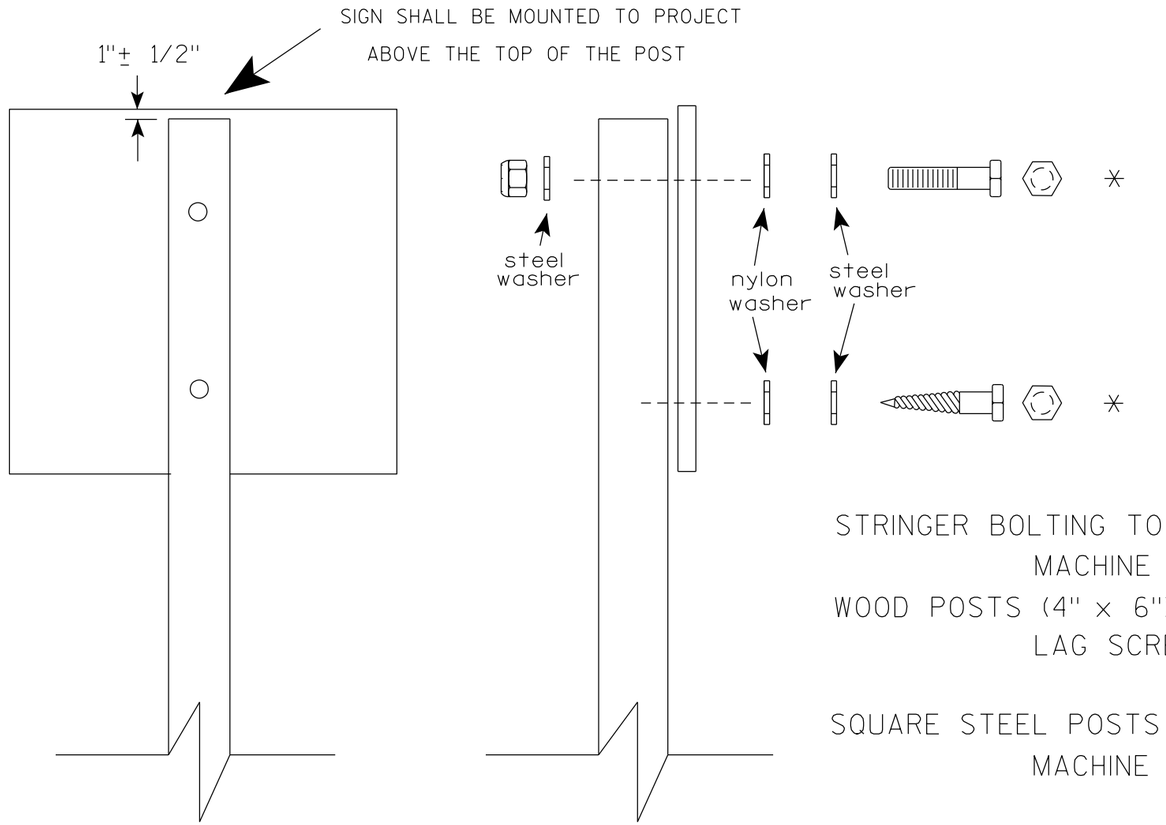
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

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: 148	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

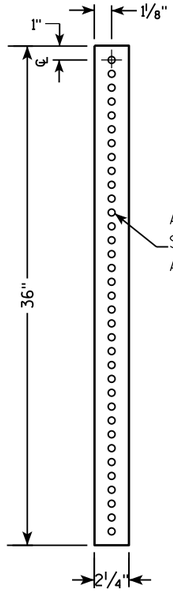
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

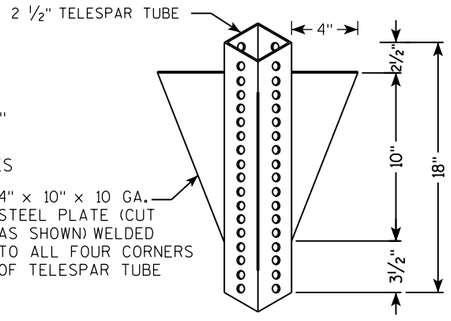
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

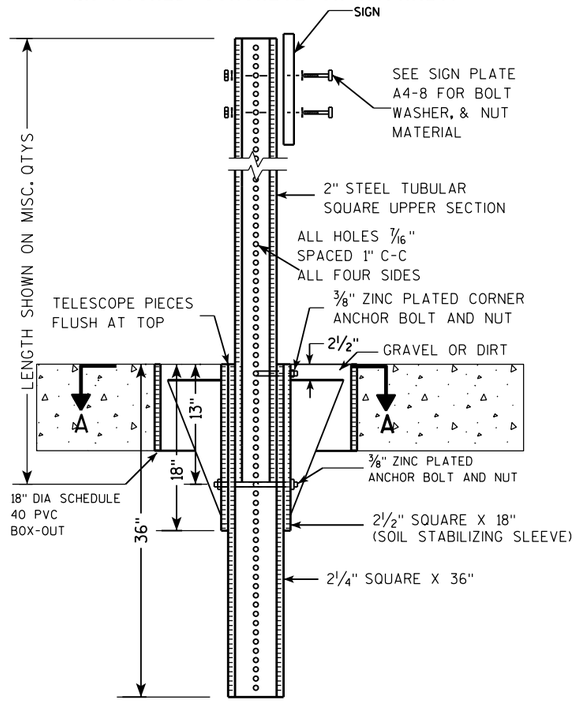
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



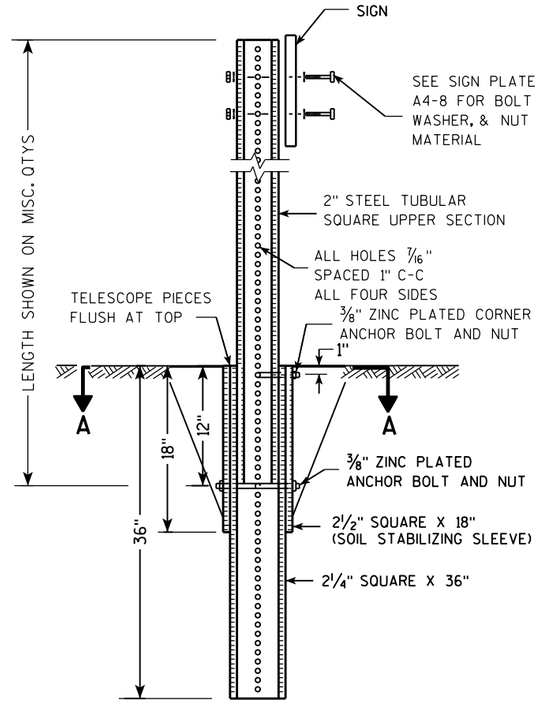
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

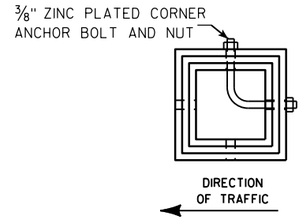


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

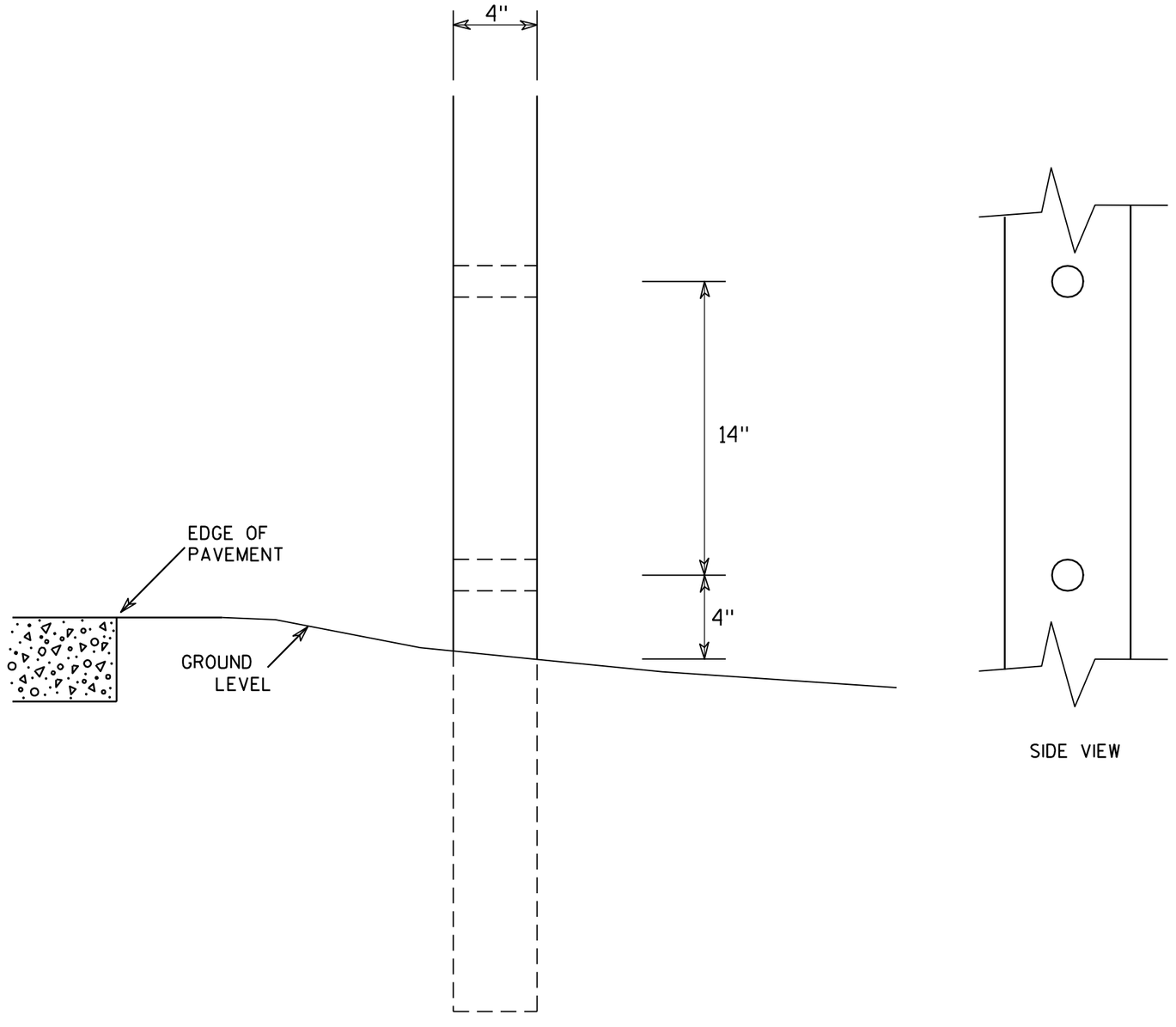
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 150 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

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4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

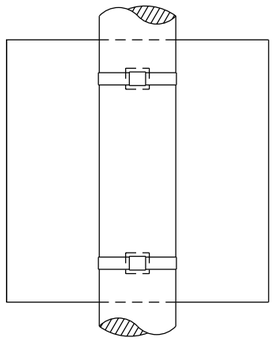
APPROVED Chester J Spang for State Traffic Engineer

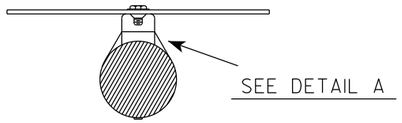
DATE 3/27/97 PLATE NO. A4-11.2

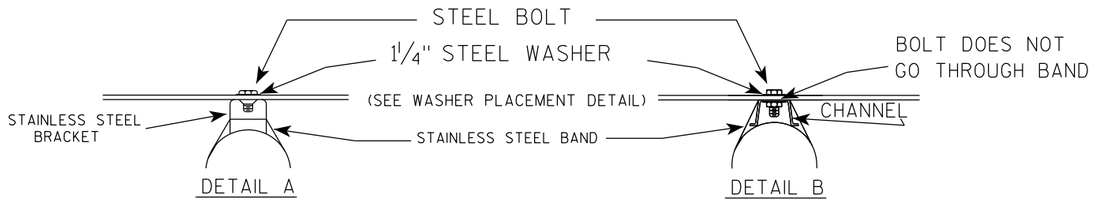
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 151	E

BANDING

SINGLE SIGN



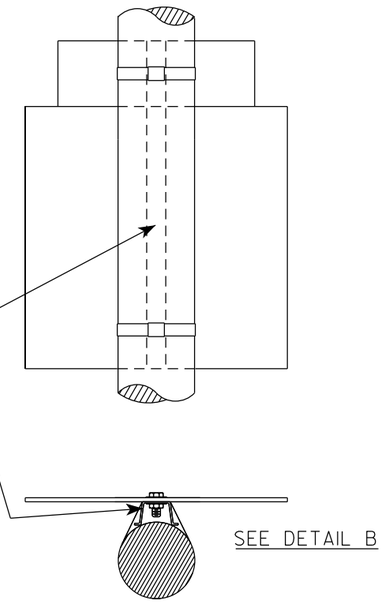




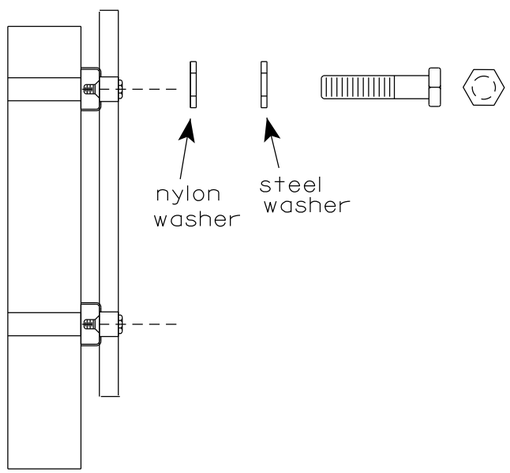
GENERAL NOTES

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

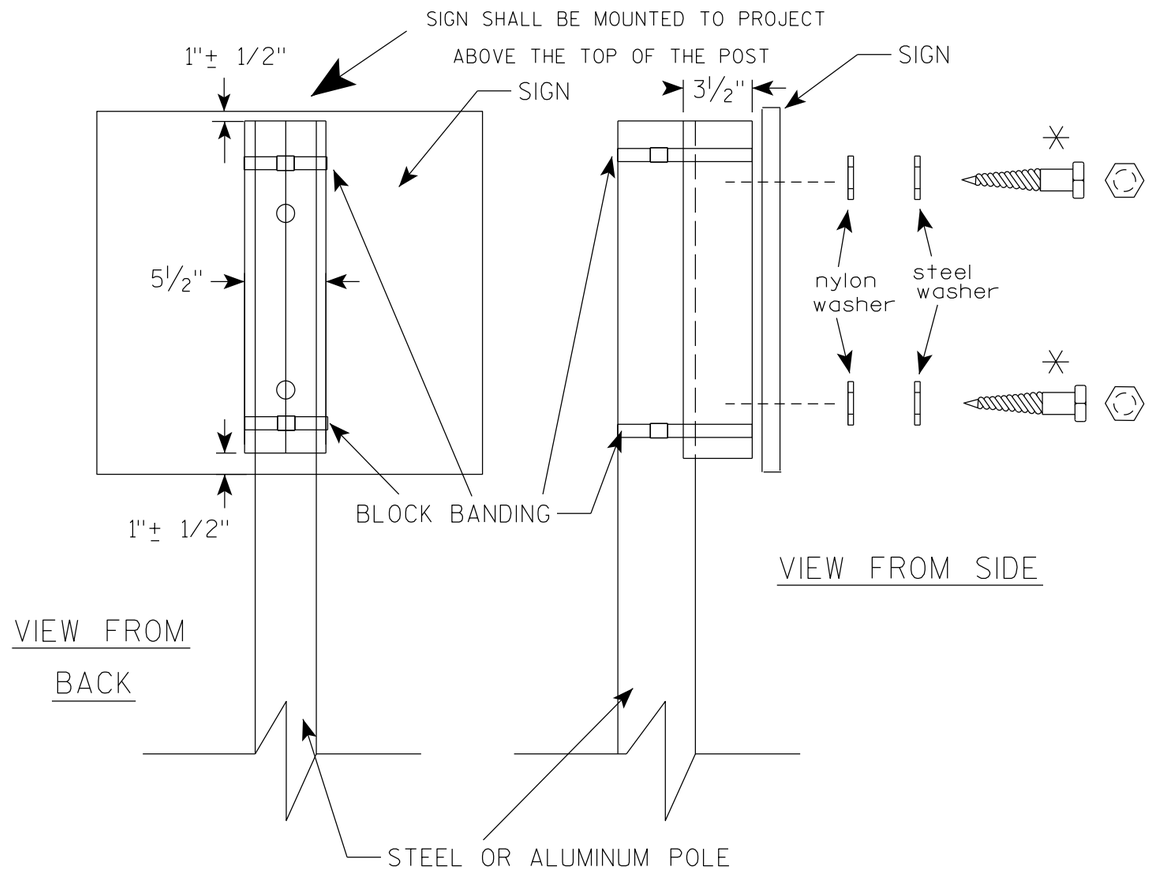
DATE 6/10/19 PLATE NO. A5-9.4

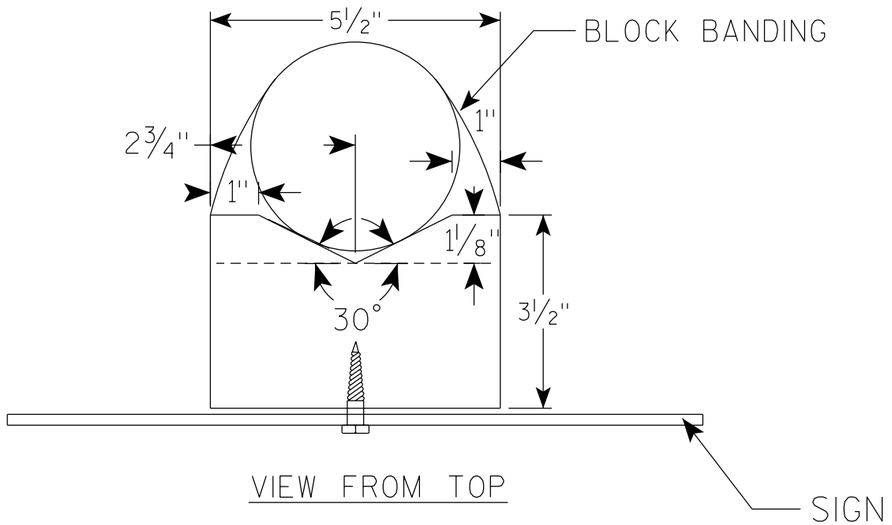
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 152	E

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7

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GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

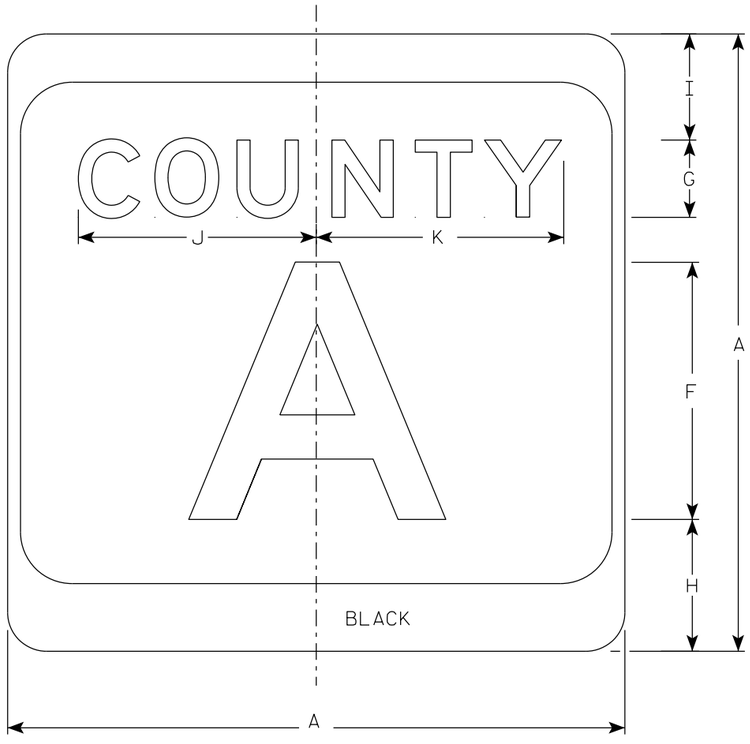
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

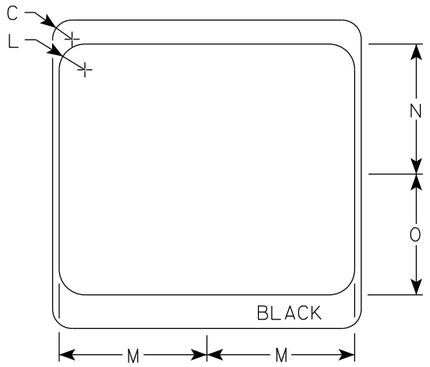
DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 153 E

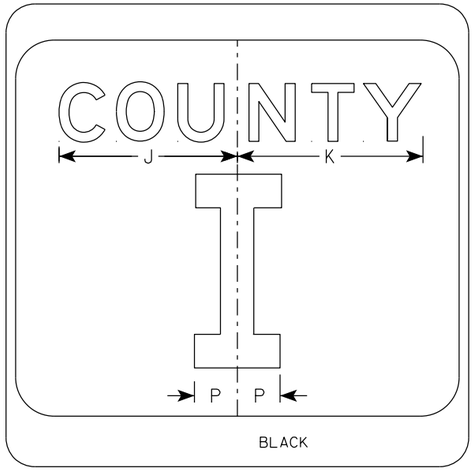


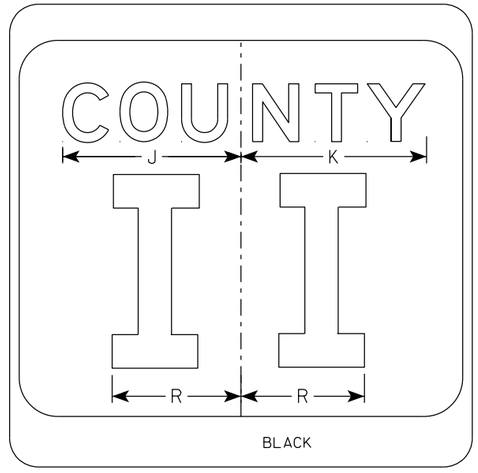
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

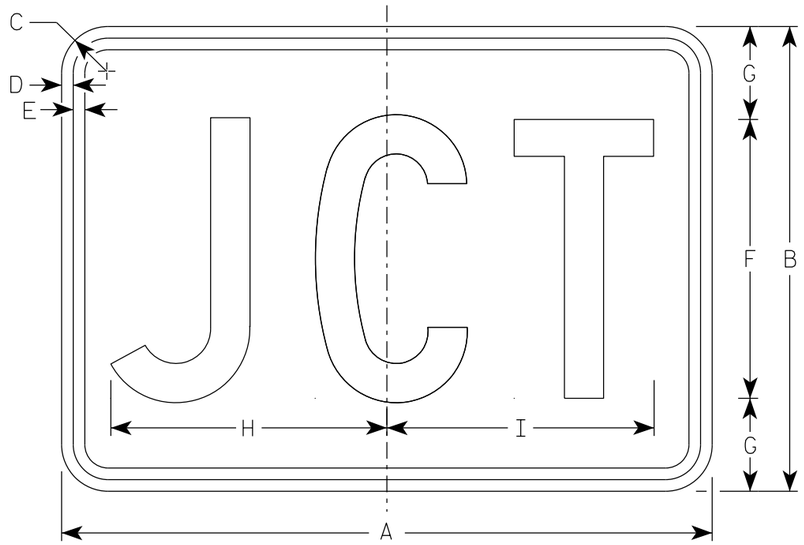
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/8/2022 PLATE NO. M1-5A.9

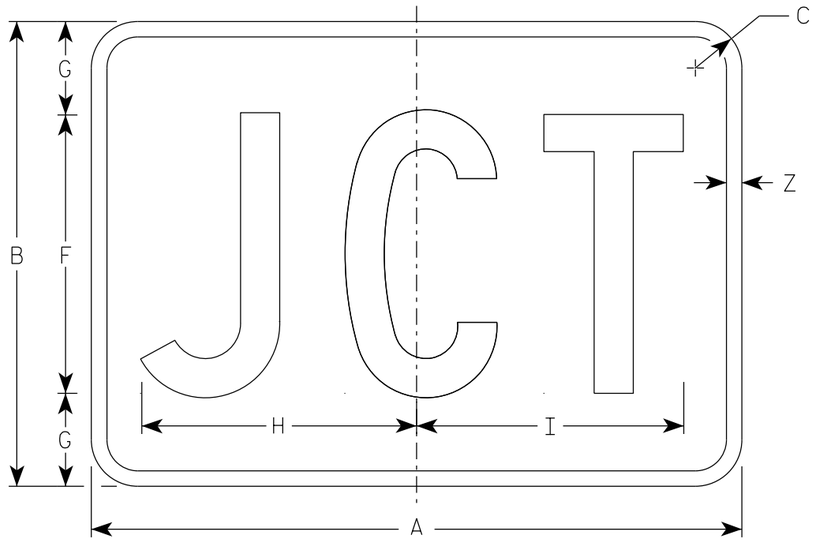
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7



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

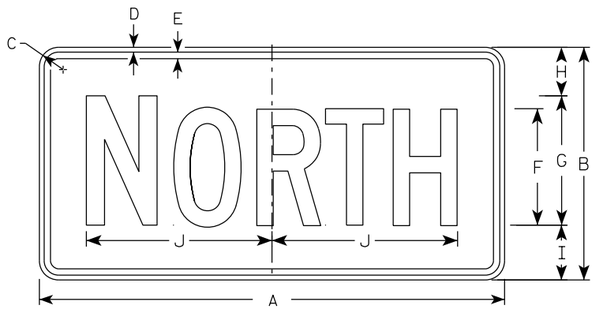
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

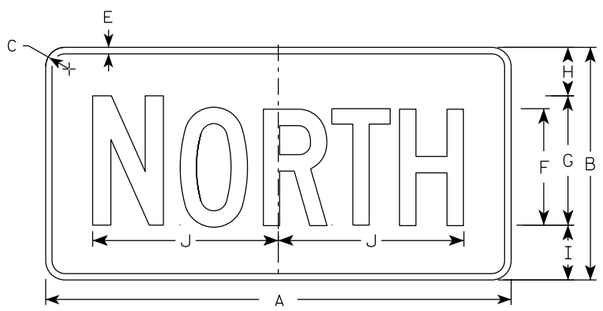
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M2-1.14

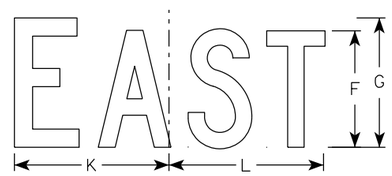
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 155 | E



M3-1
MM3-1
MP3-1



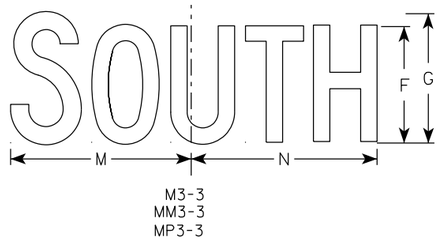
MB3-1
MK3-1
MN3-1



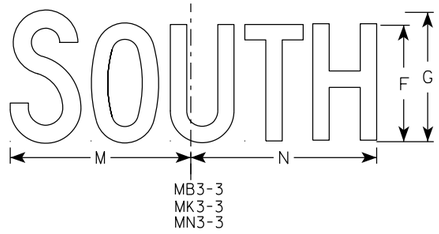
M3-2
MM3-2
MP3-2



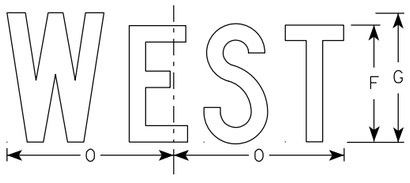
MB3-2
MK3-2
MN3-2



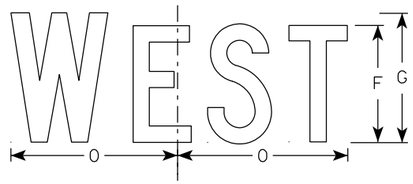
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

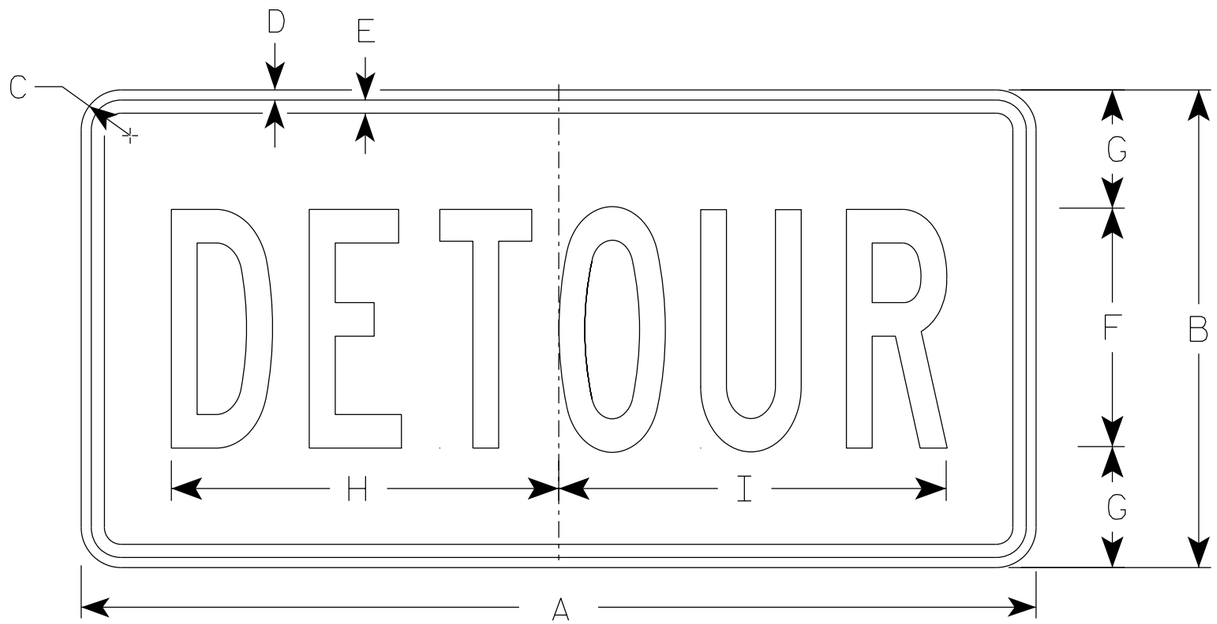
STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 156 | E



M4-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

STANDARD SIGN
M4-8

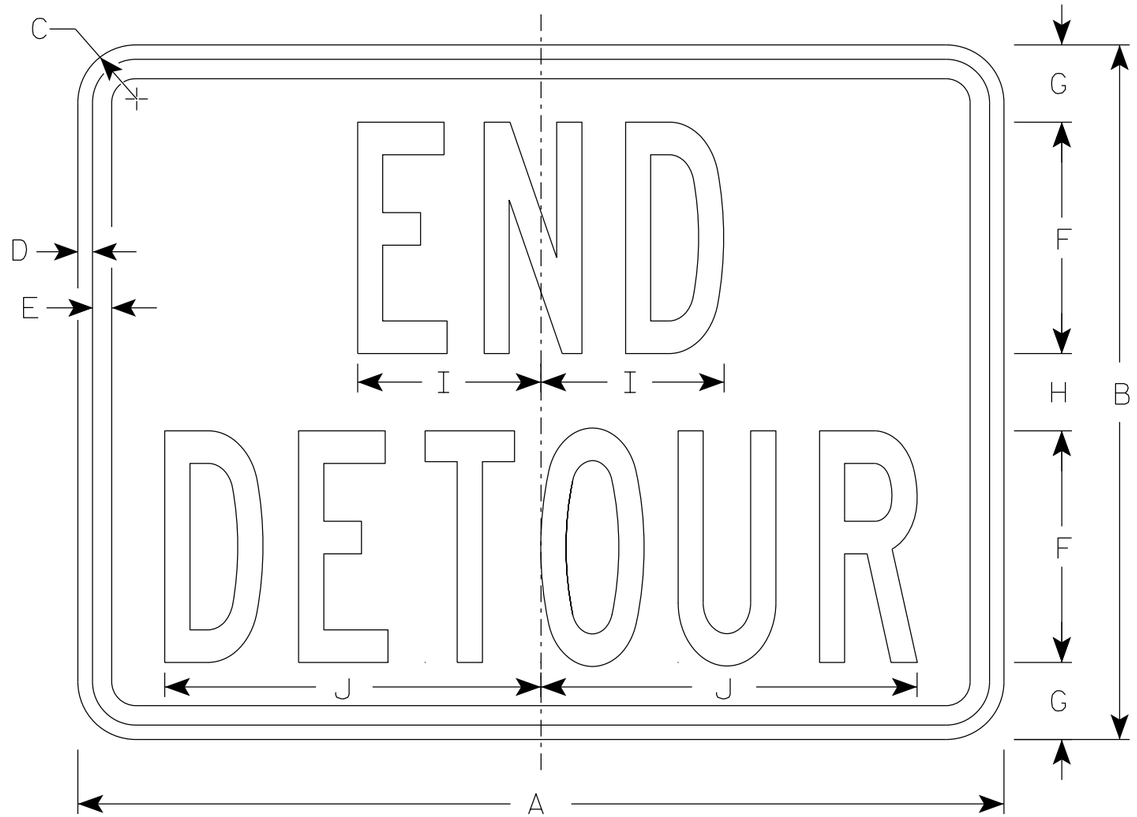
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M48.dgn PLOT DATE : 9-FEB 2023 7:38 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



M4-8A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

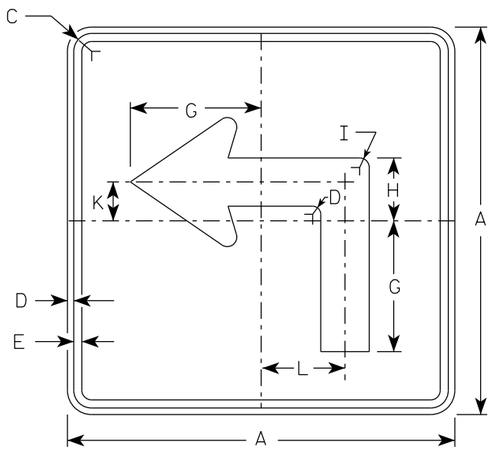
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

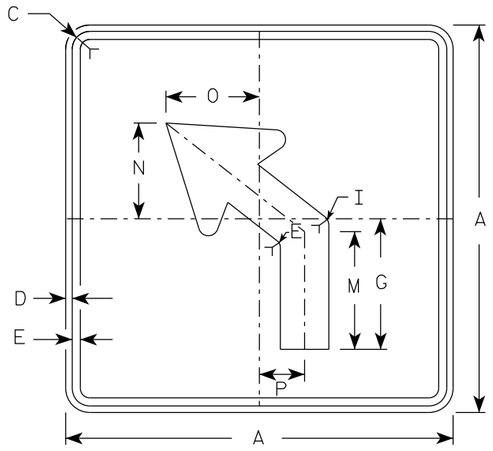
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

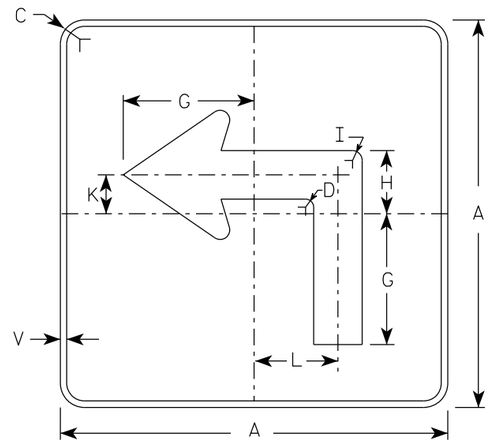
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 158 | E



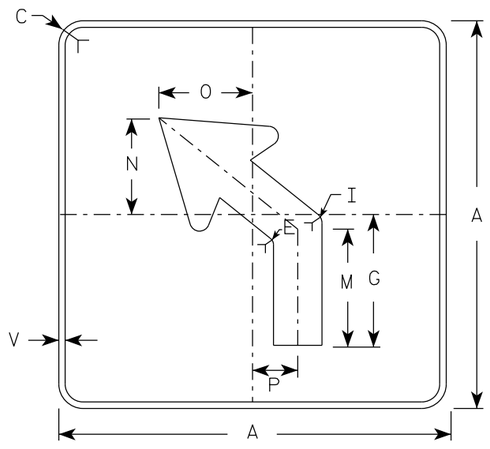
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

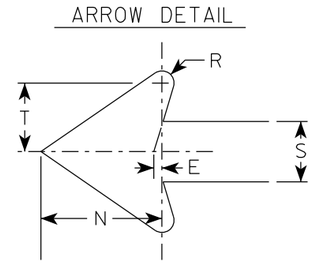


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

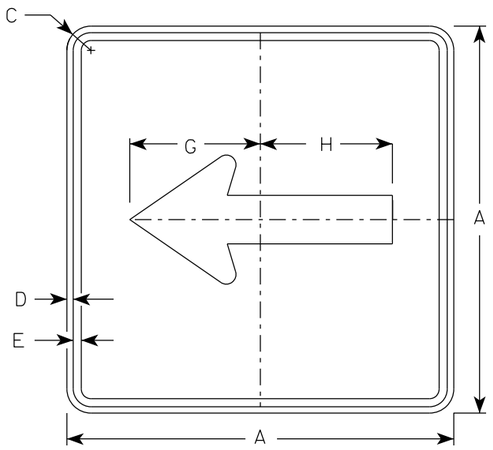
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

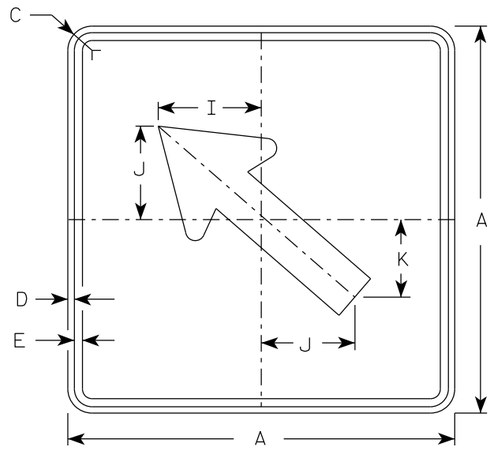
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

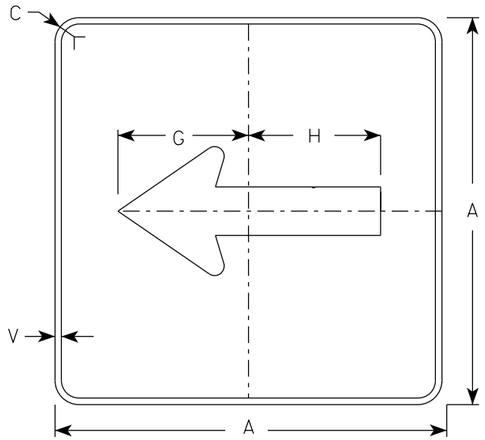
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 159 | E



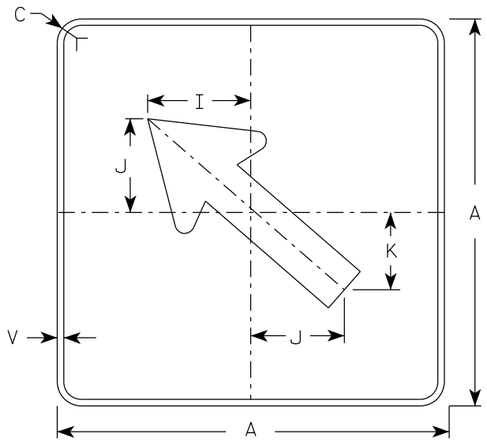
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

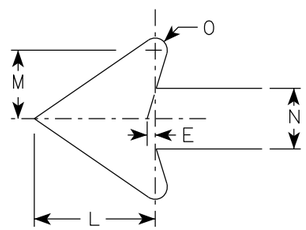


MB6-2
MK6-2
MN6-2
MR6-2

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

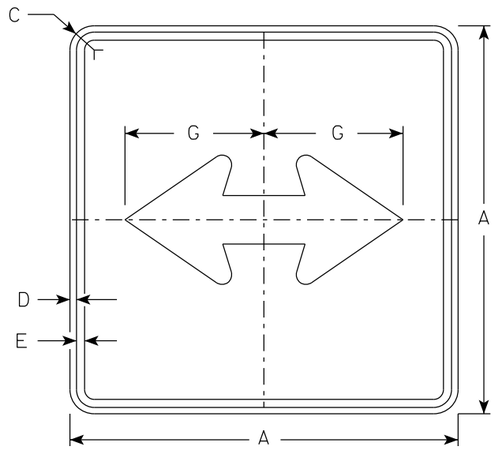
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

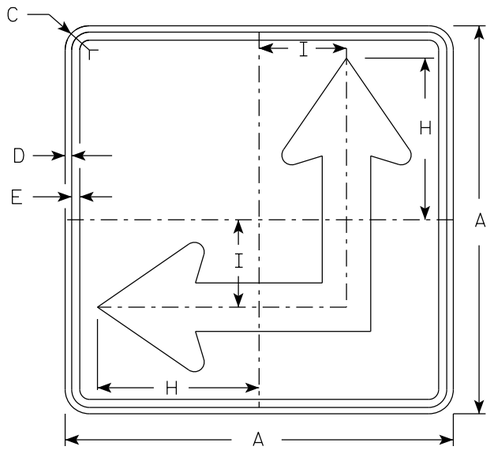
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

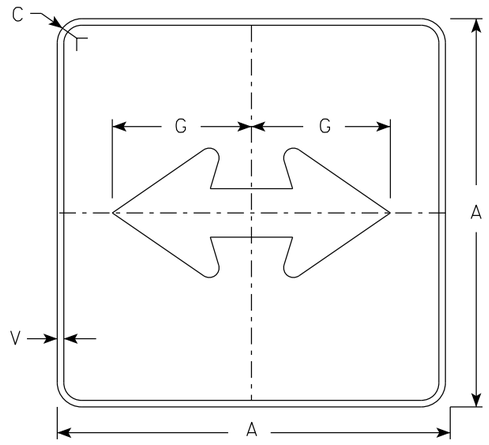
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 160 | E



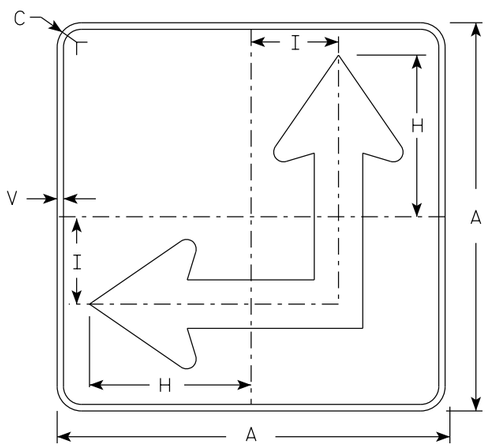
M6-4
MM6-4
MO6-4
MP6-4



M6-6
MM6-6
MO6-6
MP6-6



MB6-4
MK6-4
MN6-4
MR6-4

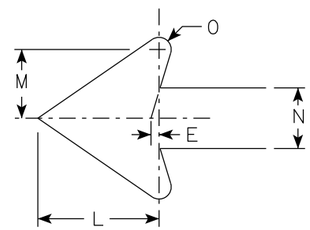


MB6-6
MK6-6
MN6-6
MR6-6

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

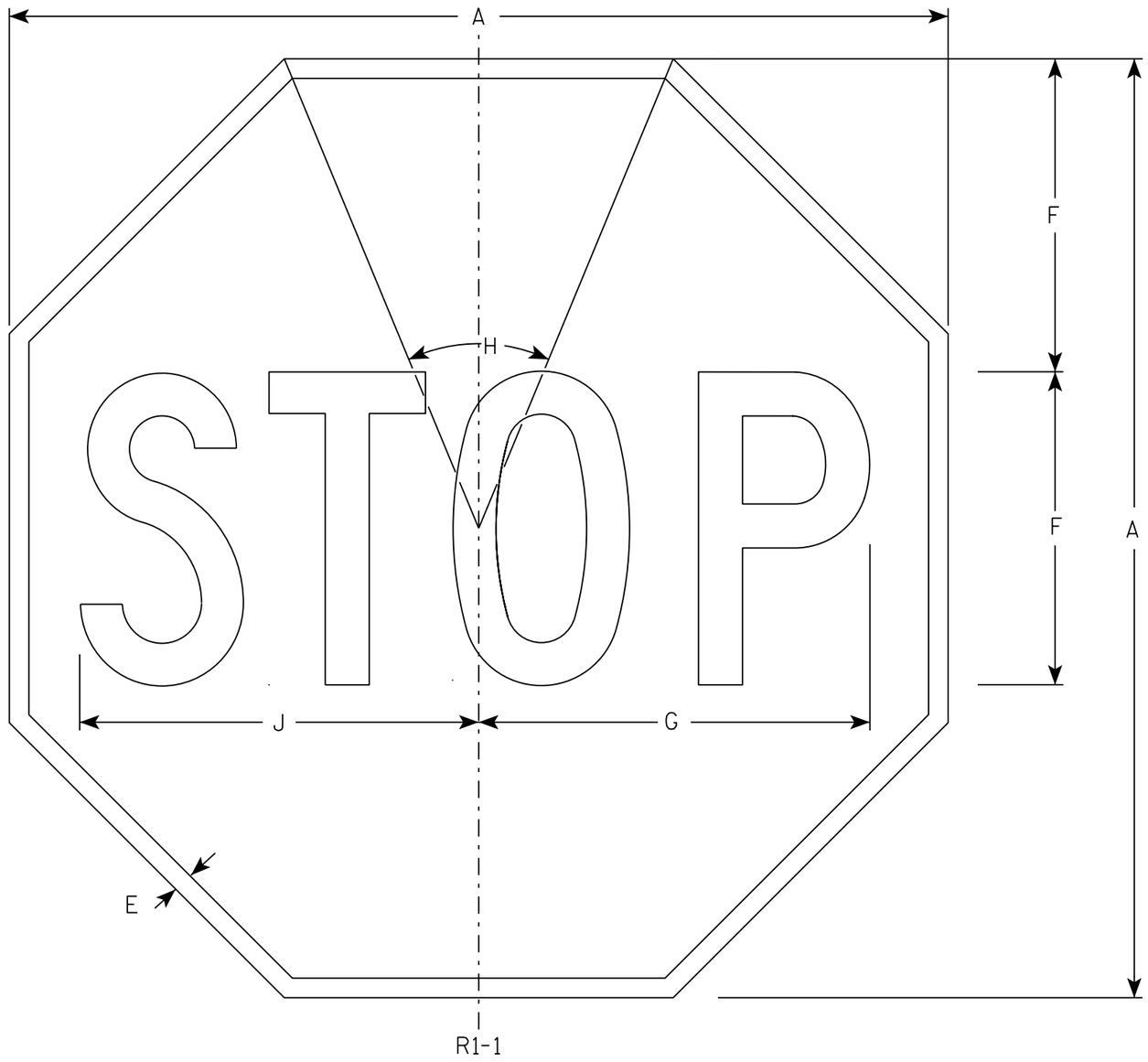
STANDARD SIGN M6-4 & M6-6 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-4.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 161 | 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

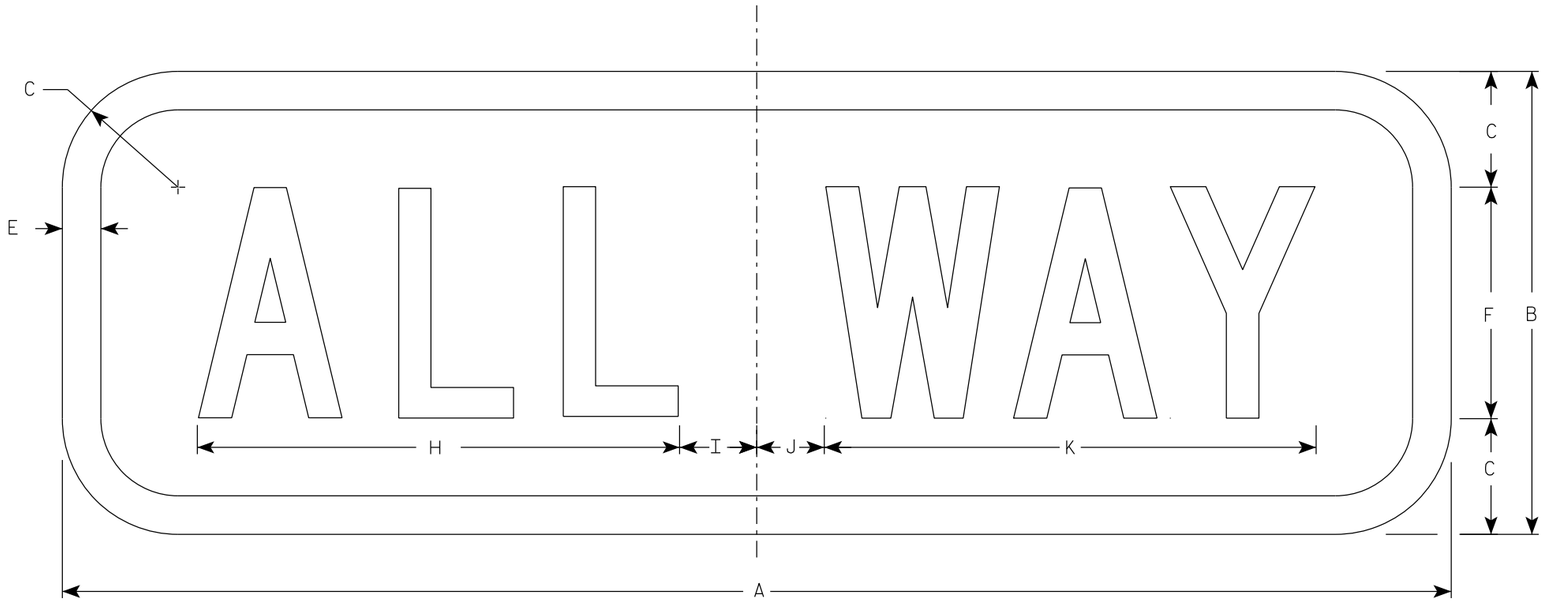
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 162	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. For 30"x30" R1-1 use 18"x6" R1-3P sign
   For 36"x36" R1-1 use 24"x9" R1-3P sign
   For 48"x48" R1-1 use 30"x12" R1-3P sign



R1-3P

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	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																0.75
2S	18	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																0.75
2M	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
3	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
4	30	12	1 1/2		5/8	6		11	2 1/4	1 1/2	11 3/4																2.5
5	30	12	1 1/2		5/8	6		11	2 1/4	1 1/2	11 3/4																2.5

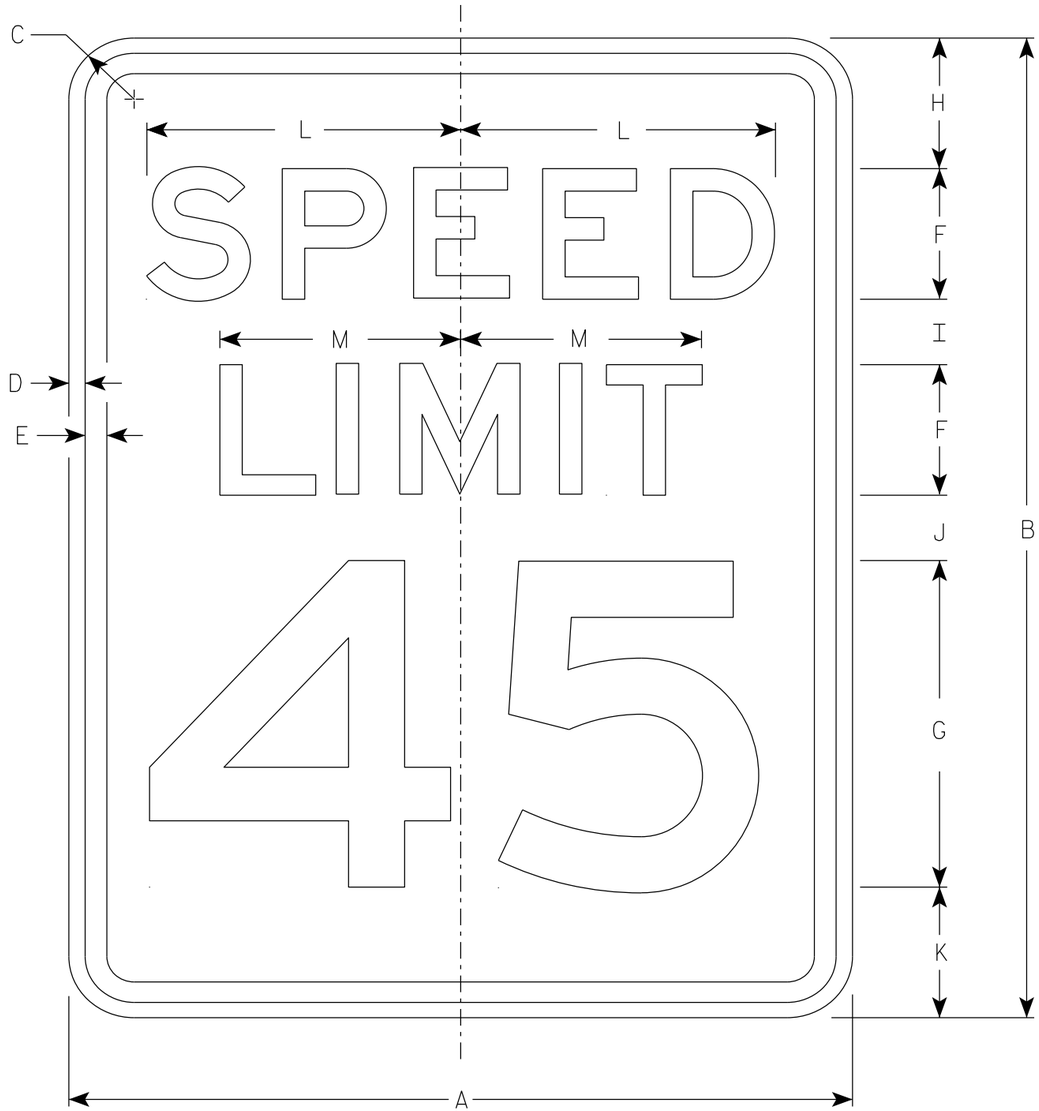
STANDARD SIGN
R1-3P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/19/23 PLATE NO. R1-3P.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 163 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

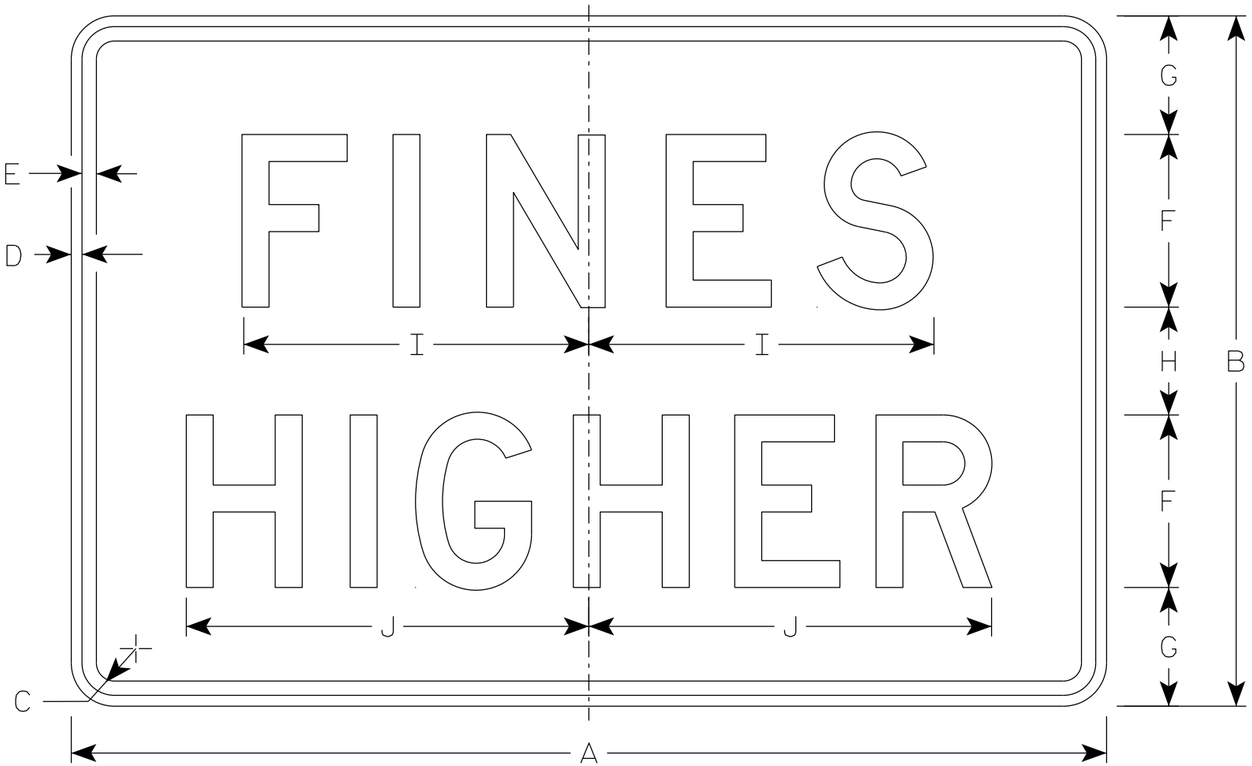
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 164 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R2-6P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 7/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

STANDARD SIGN
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

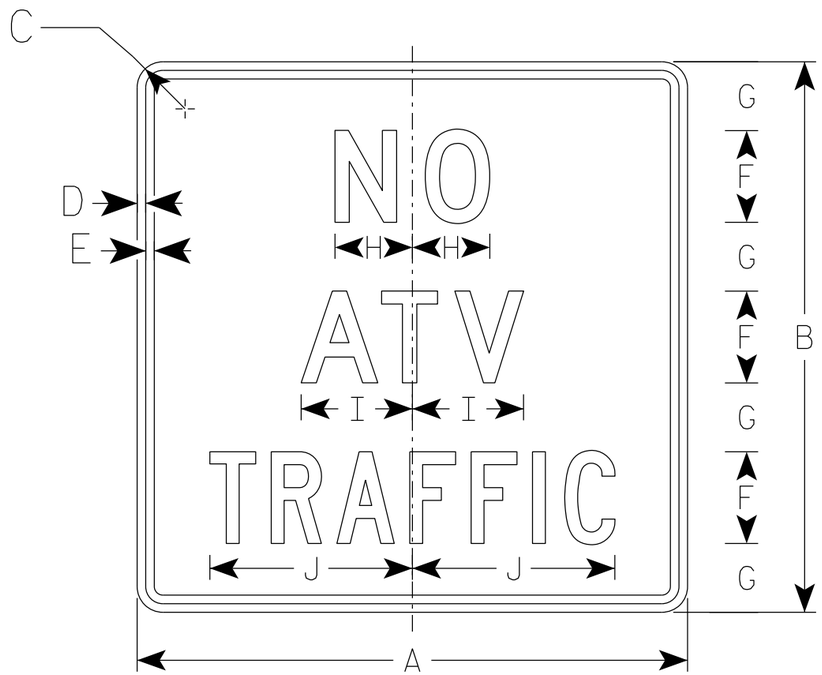
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-6P.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 165	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

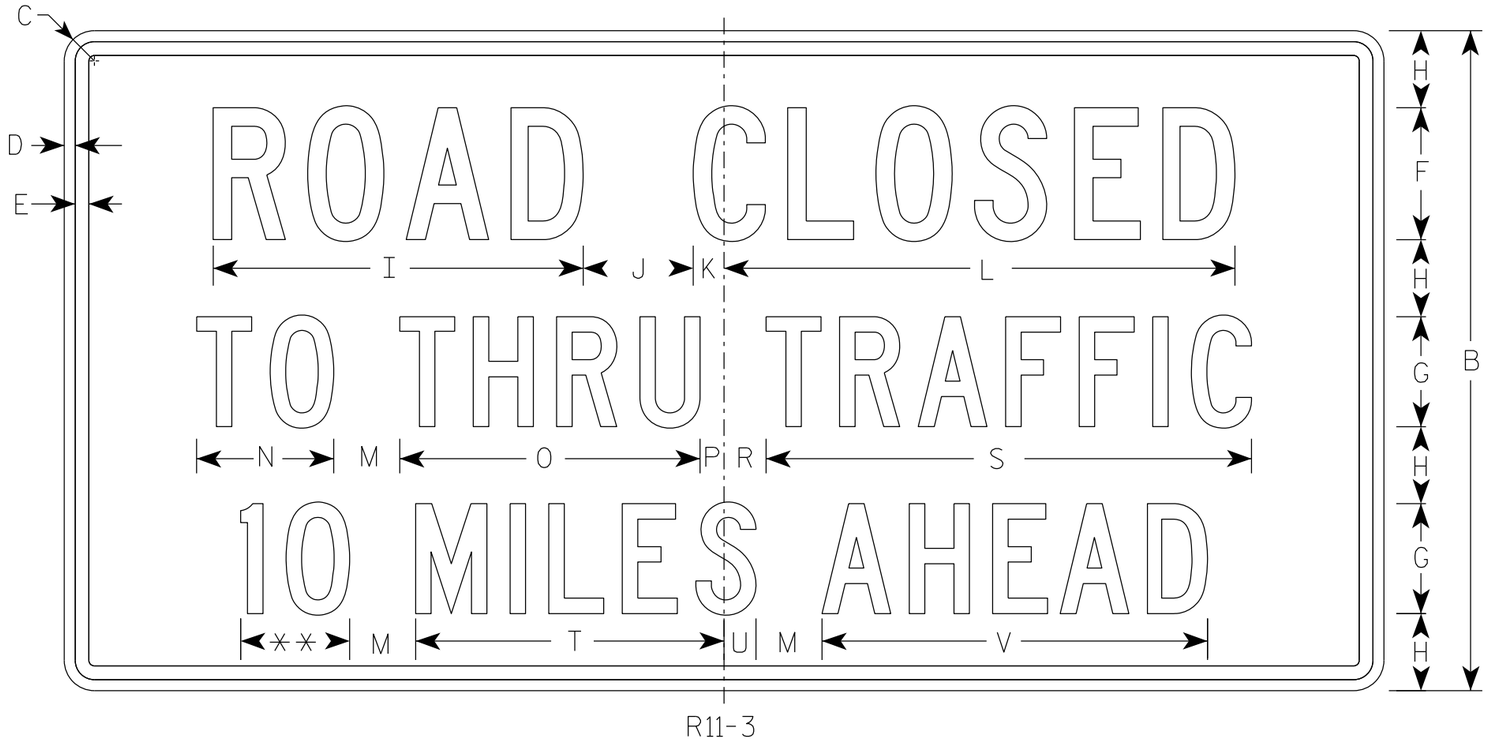
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/23 PLATE NO. R5-51.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 166 | E

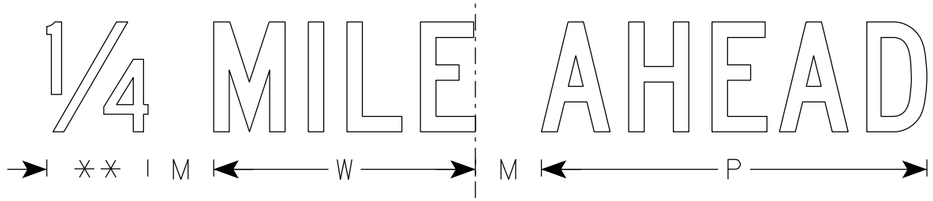
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

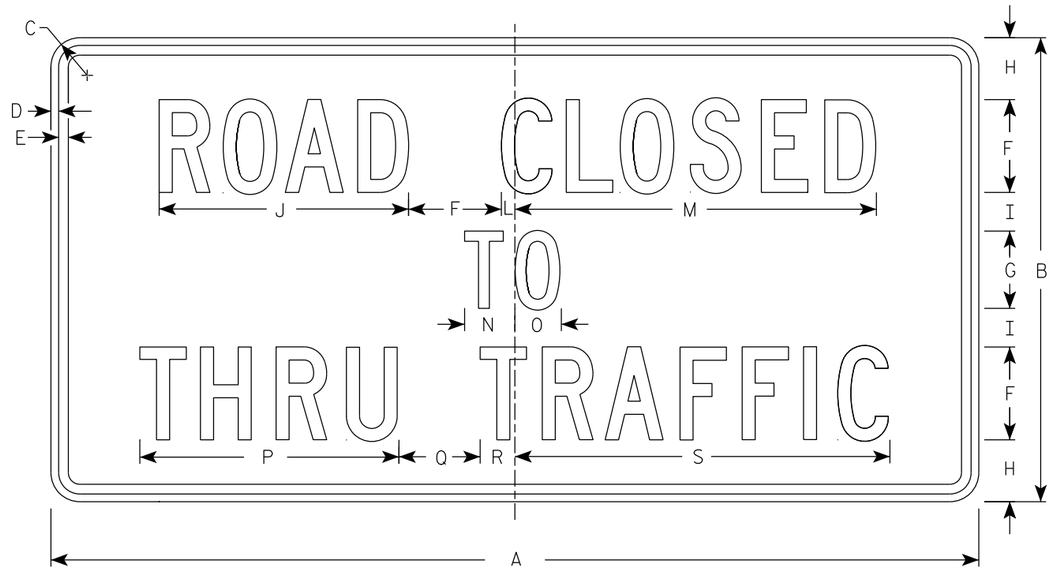
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 167 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																											

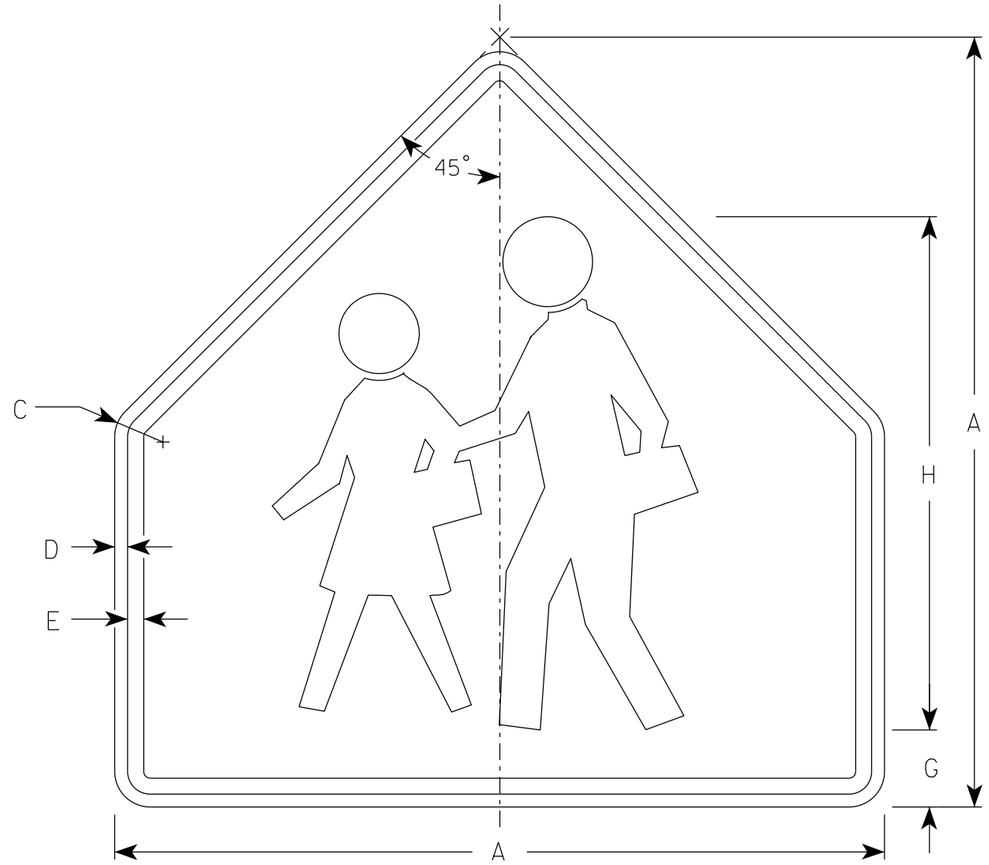
STANDARD SIGN
R11 - 4

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: 168 | 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																											

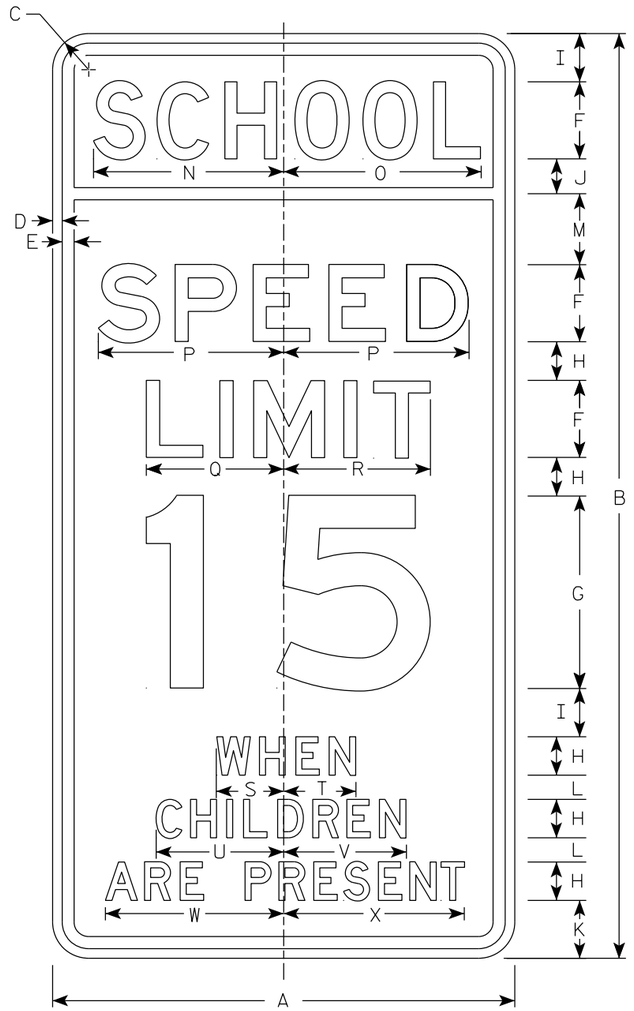
STANDARD SIGN
S1-1

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																											

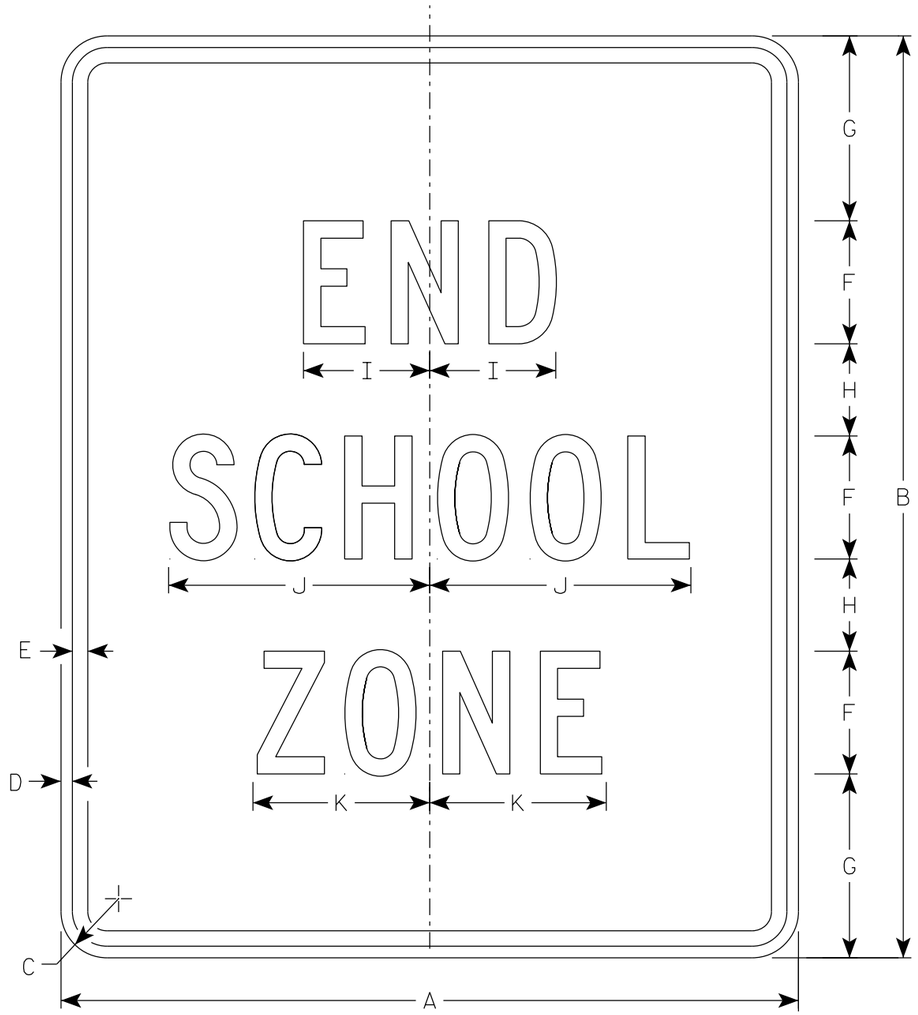
STANDARD SIGN
S4-51

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: 170	E



S5-2

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
2M	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 7/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

STANDARD SIGN
S5-2

WISCONSIN DEPT OF TRANSPORTATION

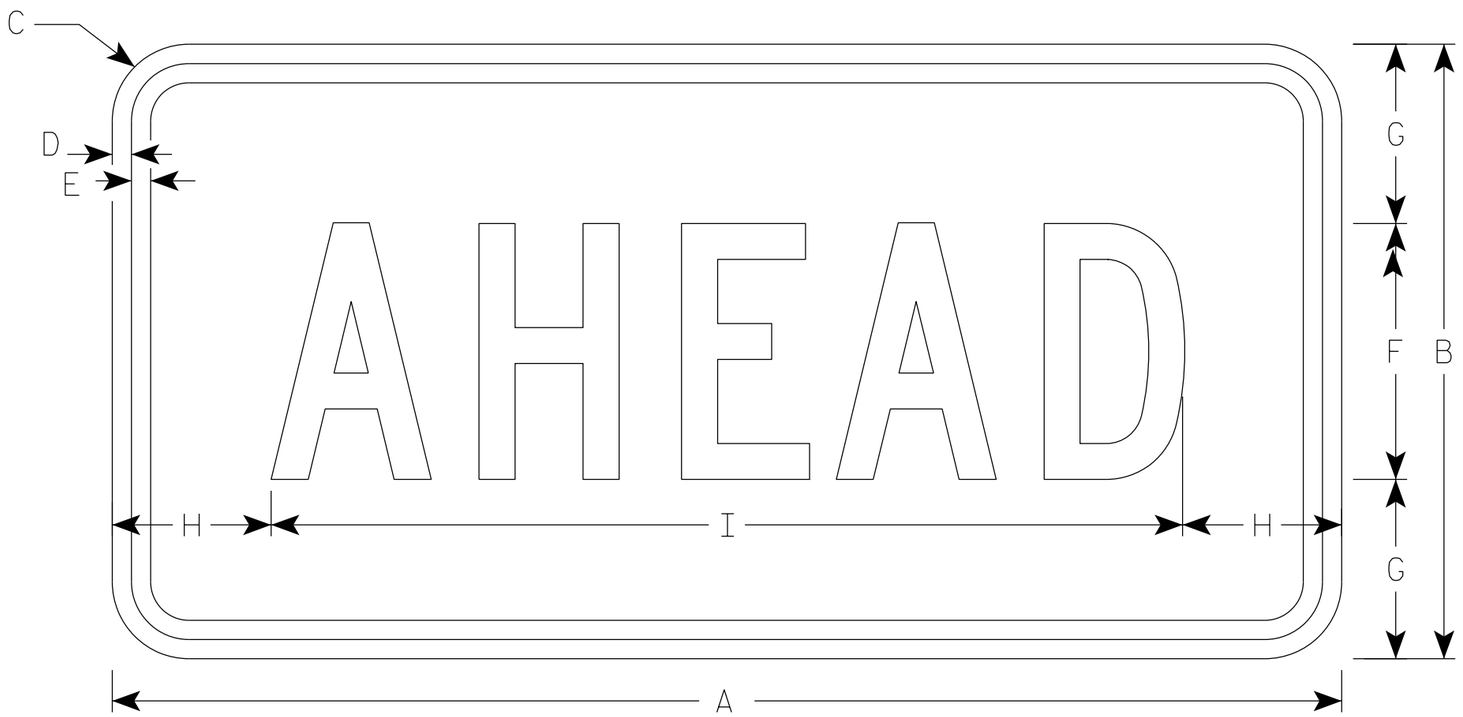
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/2023 PLATE NO. S5-2.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. Message Series - C



S16-9P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/2	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2M	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/2	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN
S16-9P

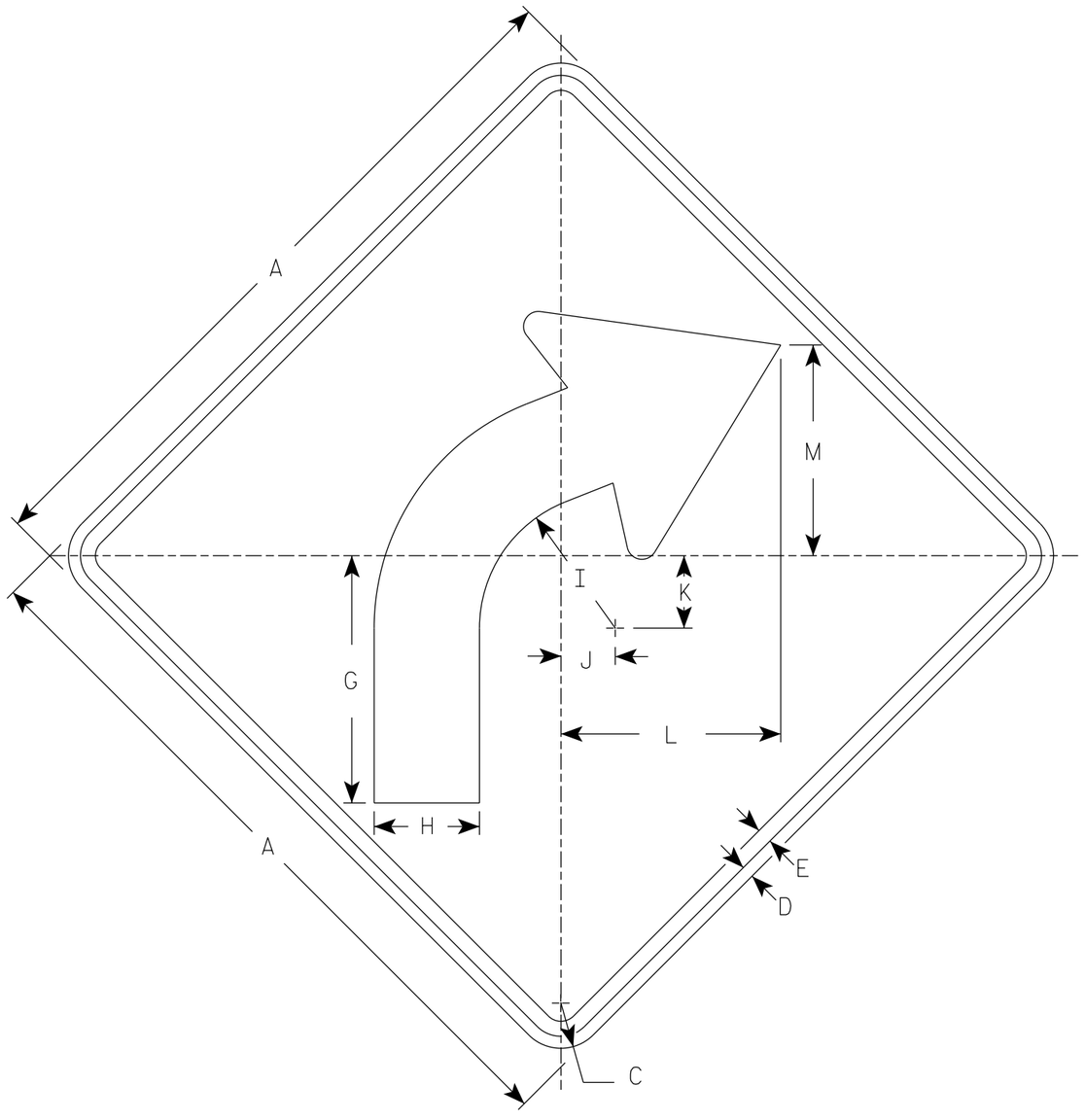
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/23/2023 PLATE NO. S16-9P.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

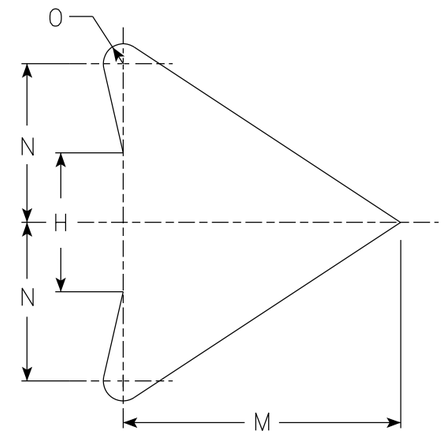
FILE NAME : C:\Users\PROJECTS\tr_stdplate\S169P.dgn PLOT DATE : 23-FEB 2023 10:32 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W1-2R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 7/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		2 1/4	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		3	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

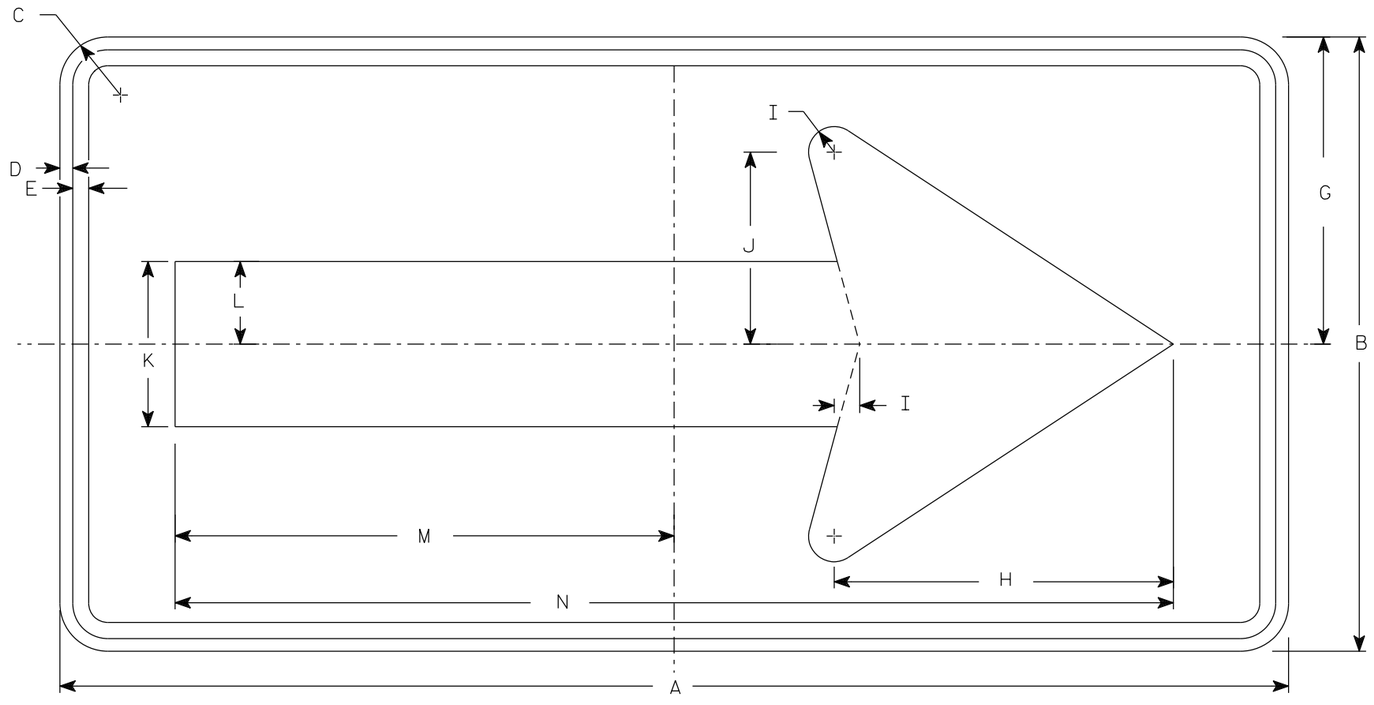
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/23/2023 PLATE NO. W1-2.11

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 173	E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



W1-6

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	96	48	3	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

STANDARD SIGN

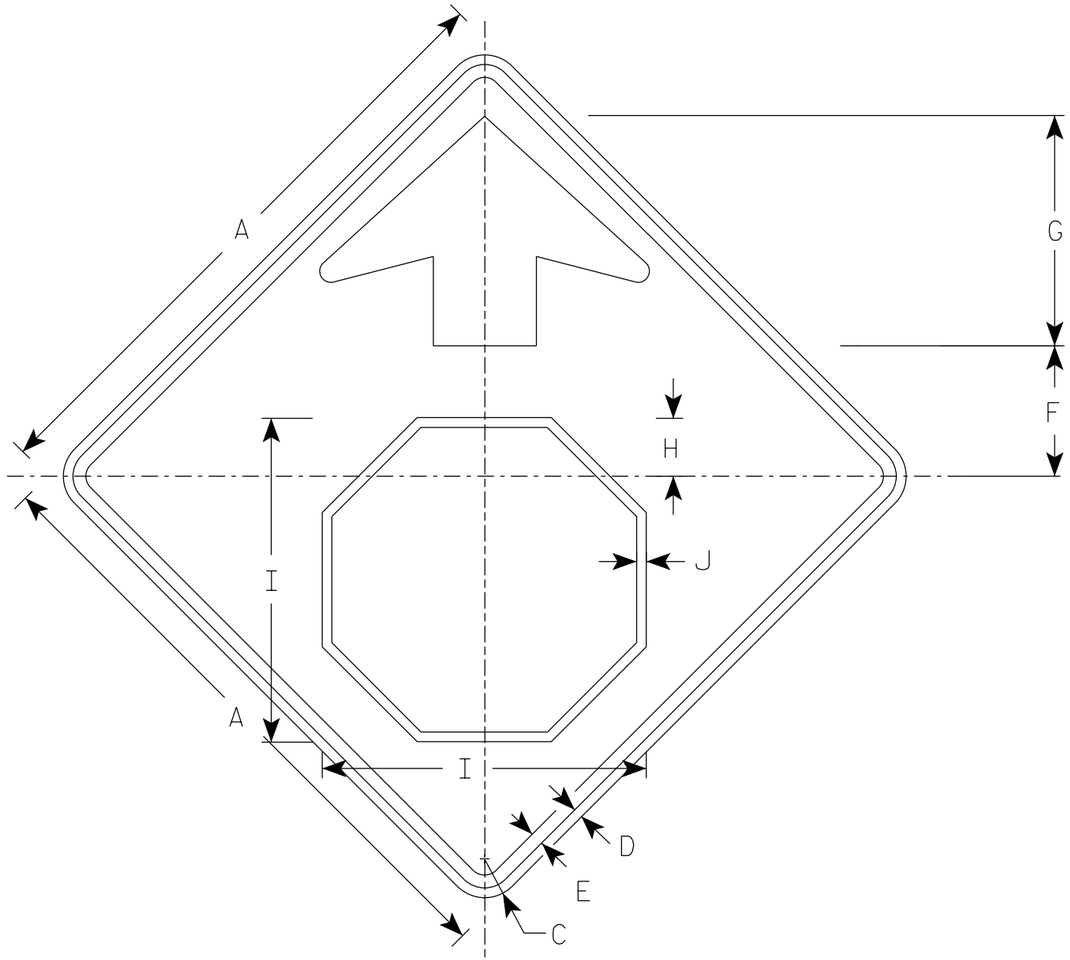
W1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/13/2023 PLATE NO. W1-6.9

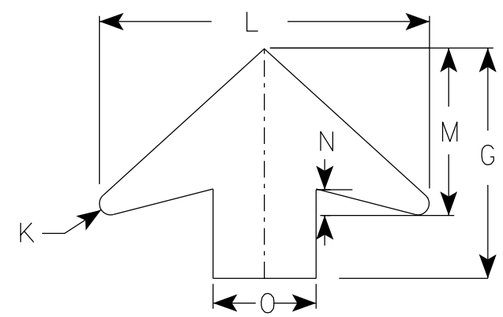
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



W3-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Arrow & Border - Black
   Stop Symbol - White Border on Red Background



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 7/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		2 1/4	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		3	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

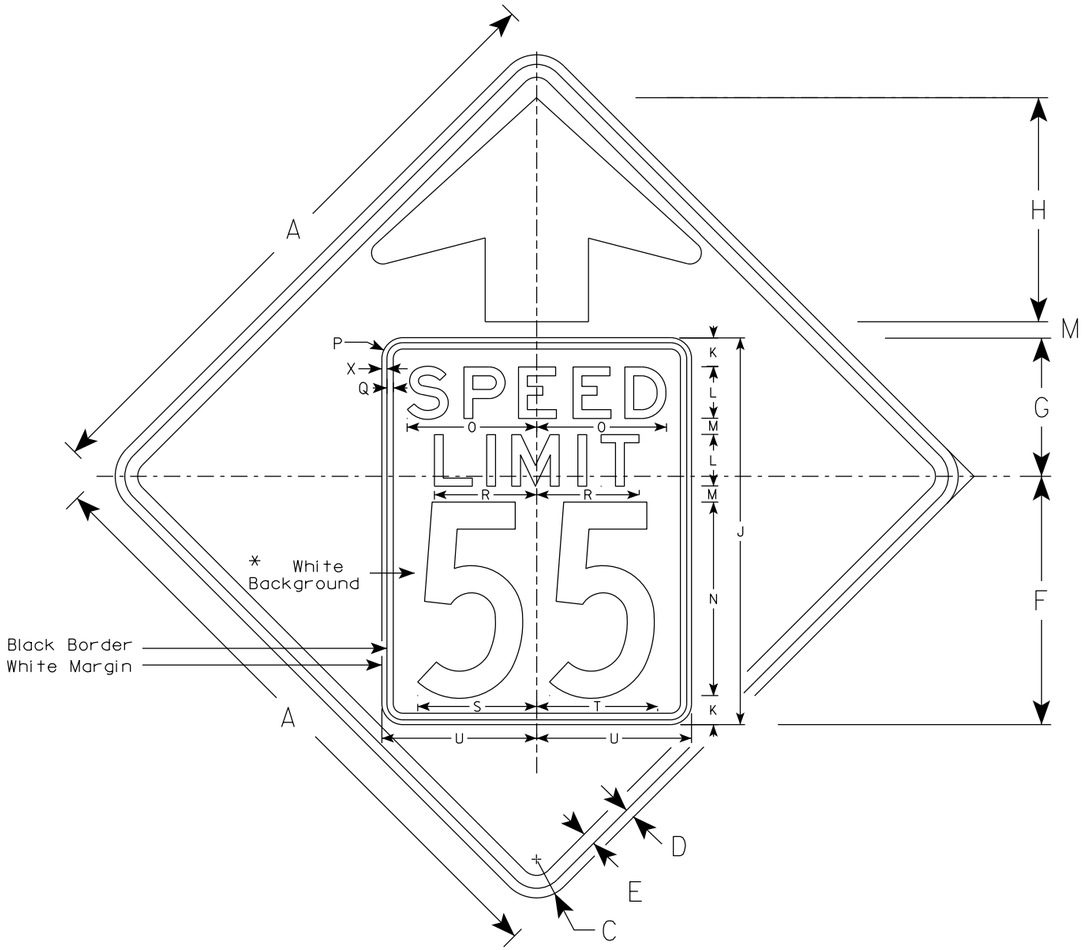
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/17/2023 PLATE NO. W3-1.13

PROJECT NO:

SHEET NO: 175 E

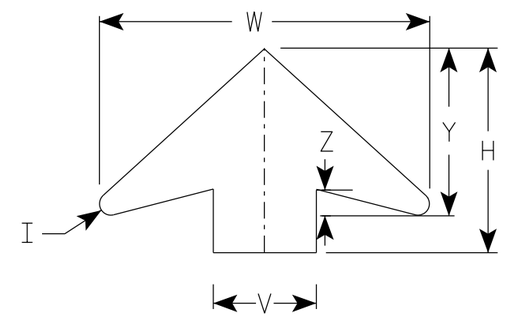


W3-5

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

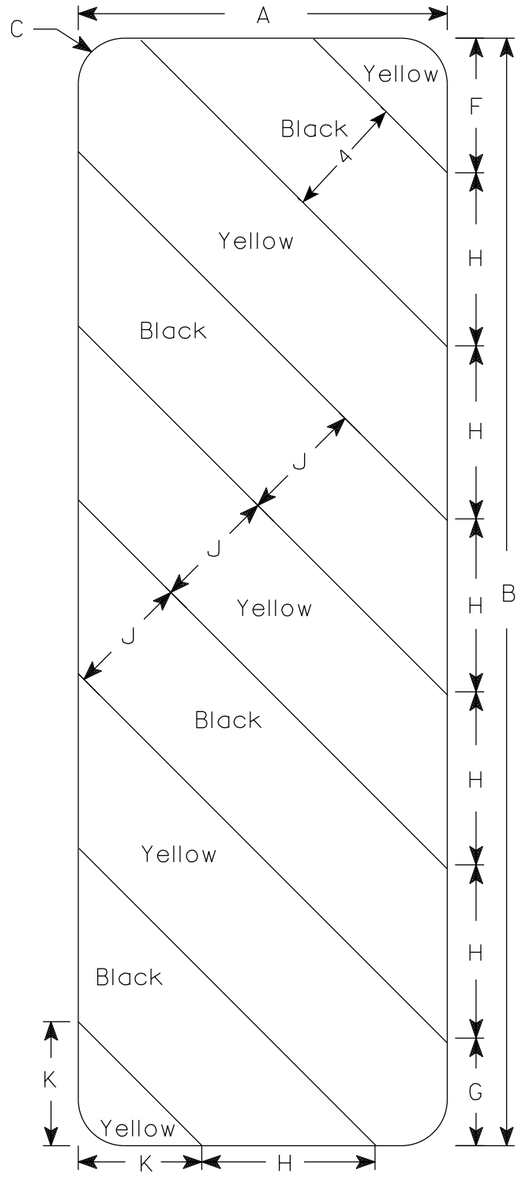
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

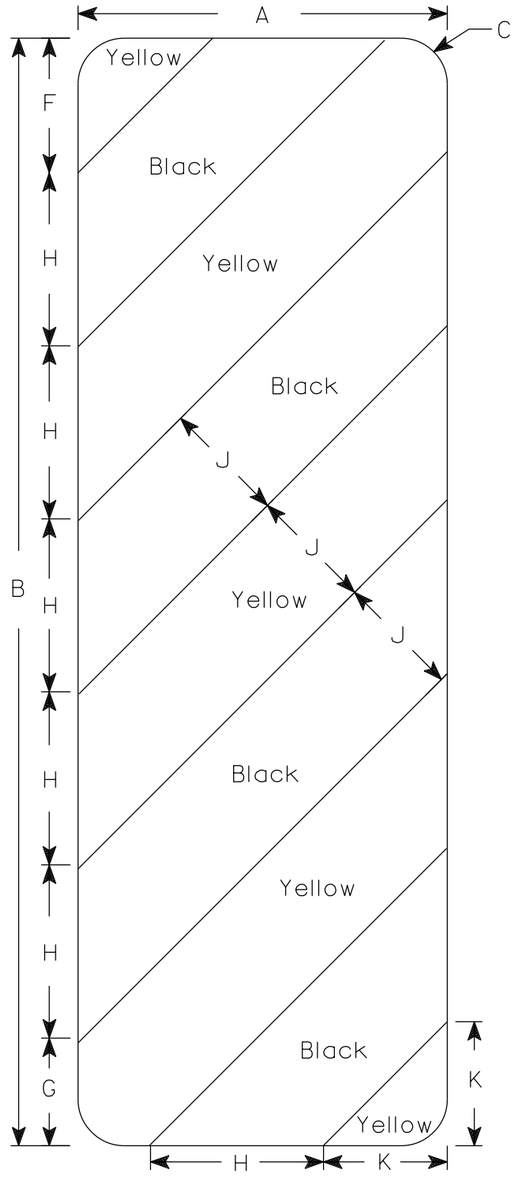
DATE 8/30/2023 PLATE NO. W3-5.7

PROJECT NO:

SHEET NO: 176 E



W5-52L



W5-52R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Alternate colors of stripes as shown.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36	1 1/2			4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36	1 1/2			4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54	1 1/2			6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

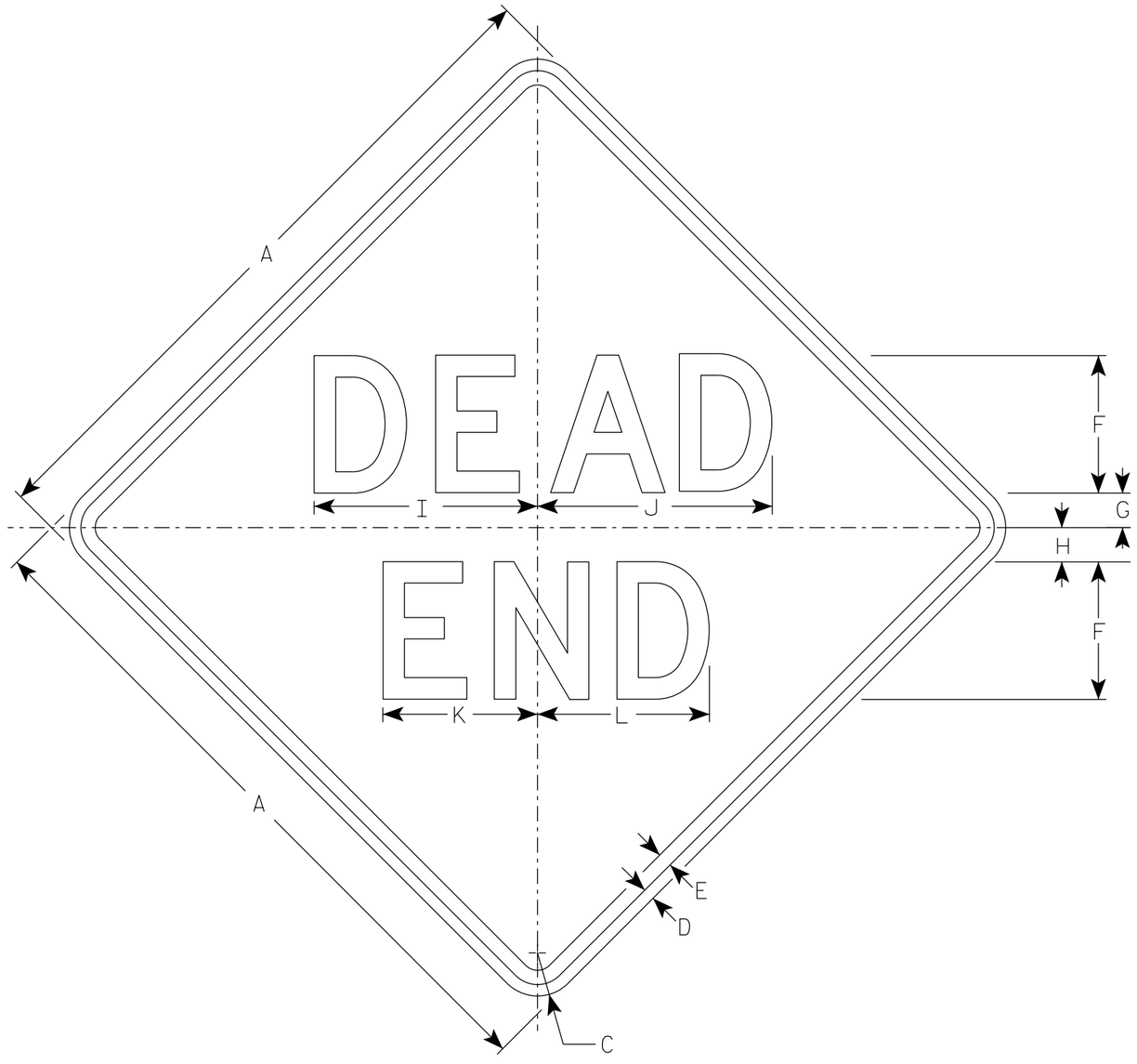
W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/4/2024 PLATE NO. W5-52.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 177 E



W14-1

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Areq sq. ft.
1	24		1 1/2	3/8	1/2	5	1	2	8 1/4	8 5/8	5 5/8	6 1/4															4.0
2S	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
2M	30		1 7/8	1/2	5/8	6	1 1/2	2 1/2	9 3/4	10 1/4	6 3/4	7 1/2															6.25
3	36		2 1/4	5/8	3/4	7	2	3	11 3/8	12	7 7/8	8 3/4															9.0
4																											
5																											

STANDARD SIGN
W14-1

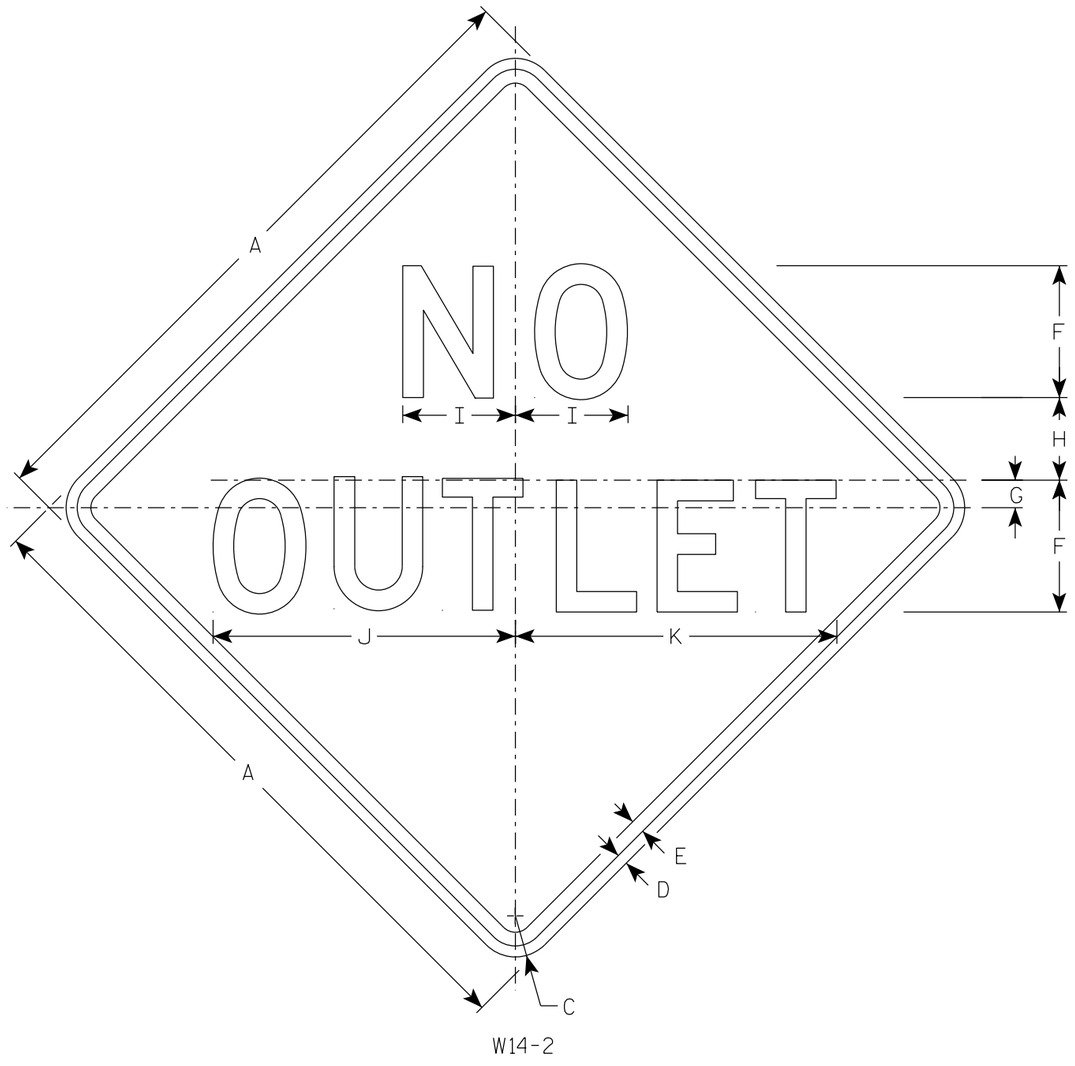
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/8/2024 PLATE NO. W14-1.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 178 E

7



W14-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	5	1	2 3/4	4 1/8	11 3/4	12 3/8																4.0
2S	30		1 7/8	1/2	5/8	6	1 1/4	3 3/4	5 1/8	13 3/4	14 5/8																6.25
2M	30		1 7/8	1/2	5/8	6	1 1/4	3 3/4	5 1/8	13 3/4	14 5/8																6.25
3	36		2 1/4	5/8	3/4	7	1 3/8	4 5/8	6	16 1/8	17 1/8																9.0
4																											
5																											

STANDARD SIGN
W14-2

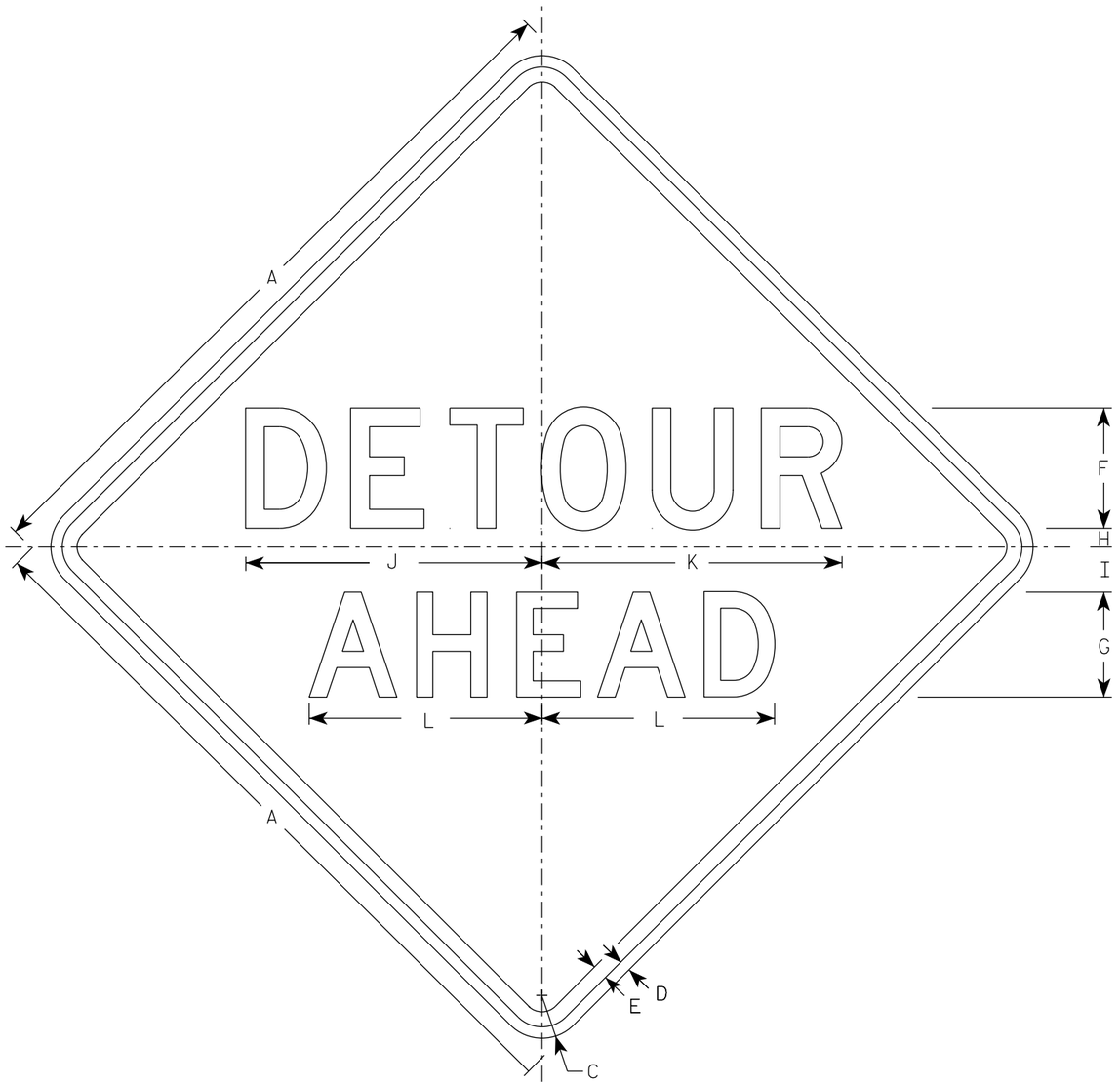
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

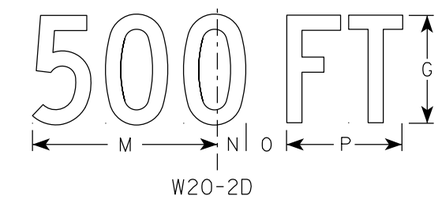
DATE 1/8/2024 PLATE NO. W14-2.4

PROJECT NO:

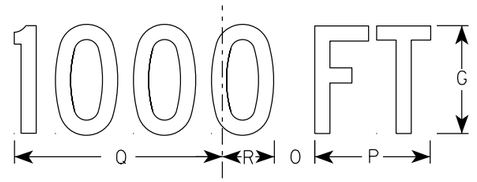
SHEET NO: 179 E



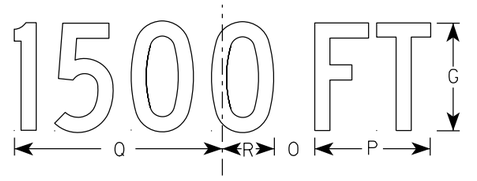
W20-2A



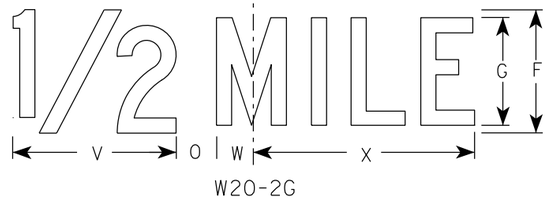
W20-2D



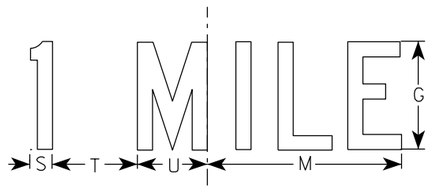
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

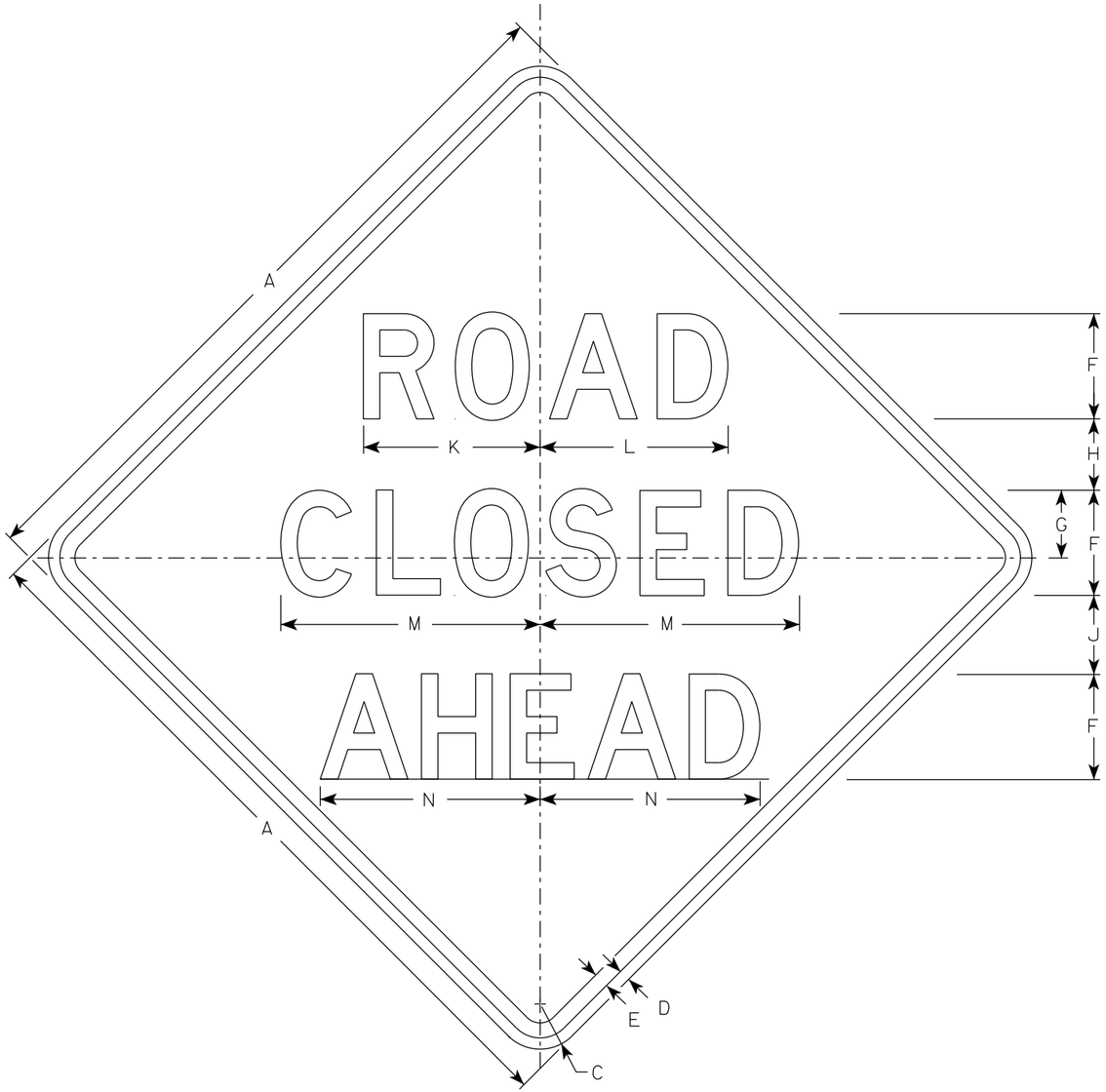
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

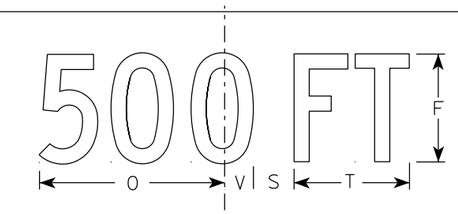
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-2.7

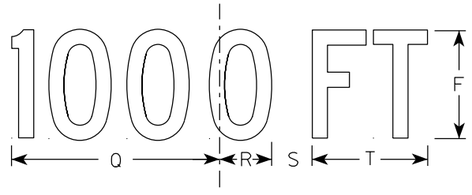
PROJECT NO:	HWY:	COUNTY:		SHEET NO: E



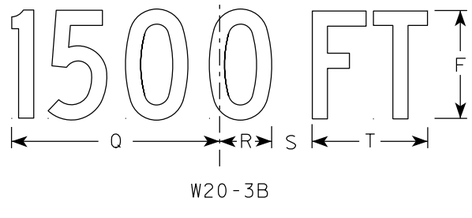
W20-3A



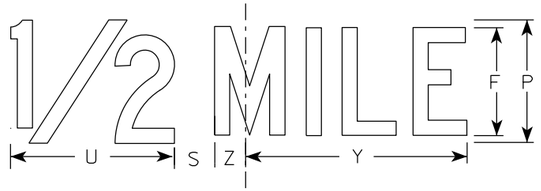
W20-3D



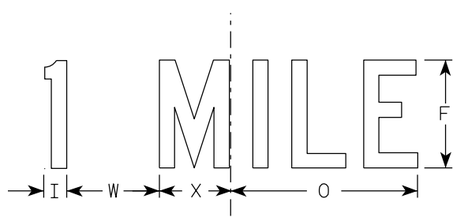
W20-3C



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

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
102+50	10250.00	0.00	1.69	0.00	0.10	0	0	0	0	0	0
102+76	10276.00	26.00	0.38	0.00	0.02	1	0	0	1	0	1
102+80	10280.00	4.00	0.24	0.00	0.02	0	0	0	1	0	1
102+85	10285.00	5.00	0.10	0.00	0.03	0	0	0	1	0	1
102+90	10290.00	5.00	0.02	0.00	0.04	0	0	0	1	0	1
102+95	10295.00	5.00	0.00	0.00	4.33	0	0	0	1	1	0
103+00	10300.00	5.00	0.00	0.00	0.45	0	0	0	1	1	0
103+05	10305.00	5.00	0.00	0.00	1.34	0	0	0	1	1	0
103+10	10310.00	5.00	0.00	0.00	2.28	0	0	0	1	2	-1
103+15	10315.00	5.00	0.00	0.00	3.34	0	0	1	1	2	-1
103+20	10320.00	5.00	0.00	0.00	3.86	0	0	1	1	3	-2
103+25	10325.00	5.00	0.02	0.00	7.09	0	0	1	1	5	-3
103+30	10330.00	5.00	0.44	0.00	0.00	0	0	1	1	5	-4
103+35	10335.00	5.00	0.21	0.00	0.00	0	0	0	1	5	-4
103+40	10340.00	5.00	0.34	0.00	0.00	0	0	0	1	5	-4
103+45	10345.00	5.00	0.45	0.00	0.00	0	0	0	1	5	-4
103+50	10350.00	5.00	0.84	0.00	0.00	0	0	0	1	5	-4
103+55	10355.00	5.00	0.69	0.00	7.16	0	0	1	2	6	-5
103+60	10360.00	5.00	0.82	0.00	16.87	0	0	2	2	9	-7
103+65	10365.00	5.00	0.95	0.00	12.54	0	0	3	2	12	-10
103+70	10370.00	5.00	1.12	0.00	13.58	0	0	2	2	15	-13
103+75	10375.00	5.00	0.00	0.00	16.11	0	0	3	2	19	-17
103+80	10380.00	5.00	0.00	0.00	27.36	0	0	4	2	24	-22
103+85	10385.00	5.00	0.00	0.00	33.08	0	0	6	2	31	-29
103+90	10390.00	5.00	0.00	0.00	31.03	0	0	6	2	38	-36
103+95	10395.00	5.00	0.00	0.00	26.00	0	0	5	2	45	-43
104+00	10400.00	5.00	0.00	0.00	14.07	0	0	4	2	50	-47
104+05	10405.00	5.00	0.00	0.00	0.00	0	0	1	2	51	-49
104+10	10410.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+15	10415.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+20	10420.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+25	10425.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+30	10430.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+35	10435.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+40	10440.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+45	10445.00	5.00	0.00	0.00	0.00	0	0	0	2	51	-49
104+50	10450.00	5.00	0.95	0.00	0.00	0	0	0	2	51	-49
104+55	10455.00	5.00	2.91	0.00	0.00	0	0	0	3	51	-49
104+60	10460.00	5.00	2.81	0.00	2.81	1	0	0	3	51	-48
104+65	10465.00	5.00	0.00	0.00	8.12	0	0	1	3	53	-49
104+70	10470.00	5.00	0.00	0.00	11.13	0	0	2	3	55	-52
104+75	10475.00	5.00	0.00	0.00	18.10	0	0	3	3	58	-55
104+80	10480.00	5.00	0.01	0.00	25.28	0	0	4	3	63	-60
104+85	10485.00	5.00	0.00	0.00	25.57	0	0	5	3	69	-66
104+90	10490.00	5.00	0.02	0.00	14.56	0	0	4	3	74	-70

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 182 | E

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
104+95	10495.00	5.00	0.00	0.00	15.20	0	0	3	3	77	-74
105+00	10500.00	5.00	0.00	0.00	13.08	0	0	3	3	81	-77
105+05	10505.00	5.00	1.96	0.00	13.47	0	0	2	4	84	-80
105+10	10510.00	5.00	2.55	0.00	0.00	0	0	1	4	85	-81
105+15	10515.00	5.00	2.79	0.00	0.00	0	0	0	5	85	-81
105+20	10520.00	5.00	2.96	0.00	0.00	1	0	0	5	85	-80
105+25	10525.00	5.00	1.13	0.00	0.00	0	0	0	5	85	-80
105+30	10530.00	5.00	2.04	0.00	0.00	0	0	0	6	85	-80
105+35	10535.00	5.00	2.42	0.00	0.00	0	0	0	6	85	-79
105+40	10540.00	5.00	2.76	0.00	0.00	0	0	0	7	85	-79
105+45	10545.00	5.00	3.10	0.00	0.00	1	0	0	7	85	-78
105+50	10550.00	5.00	3.47	0.00	0.00	1	0	0	8	85	-77
105+55	10555.00	5.00	3.72	0.00	0.00	1	0	0	8	85	-77
105+60	10560.00	5.00	3.83	0.00	0.00	1	0	0	9	85	-76
105+65	10565.00	5.00	3.96	0.00	0.00	1	0	0	10	85	-75
105+70	10570.00	5.00	4.28	0.00	0.00	1	0	0	11	85	-75
105+75	10575.00	5.00	4.31	0.00	0.00	1	0	0	11	85	-74
105+80	10580.00	5.00	4.20	0.00	0.00	1	0	0	12	85	-73
105+85	10585.00	5.00	4.10	0.00	0.00	1	0	0	13	85	-72
105+90	10590.00	5.00	3.99	0.00	0.00	1	0	0	14	85	-72
105+94	10594.00	4.00	3.91	0.00	0.00	1	0	0	14	85	-71
106+00	10600.00	6.00	3.79	0.00	0.00	1	0	0	15	85	-70
106+50	10650.00	50.00	3.57	0.00	0.00	7	0	0	22	85	-63
107+00	10700.00	50.00	1.90	0.00	0.00	5	0	0	27	85	-58
107+50	10750.00	50.00	1.48	0.00	0.00	3	0	0	30	85	-55
108+00	10800.00	50.00	1.57	0.00	0.00	3	0	0	33	85	-52
108+50	10850.00	50.00	2.47	0.00	0.00	4	0	0	37	85	-49
109+00	10900.00	50.00	1.41	0.00	0.00	4	0	0	40	85	-45
109+50	10950.00	50.00	7.78	0.00	0.00	9	0	0	49	85	-36
109+75	10975.00	25.00	0.23	0.00	0.00	4	0	0	53	85	-33
110+00	11000.00	25.00	0.00	0.00	0.00	0	0	0	53	85	-33
110+25	11025.00	25.00	1.49	0.00	0.00	1	0	0	53	85	-32
110+50	11050.00	25.00	0.92	0.00	0.00	1	0	0	54	85	-31
111+00	11100.00	50.00	2.81	0.00	0.00	3	0	0	58	85	-27
111+30	11130.00	30.00	0.03	0.00	0.00	2	0	0	59	85	-26
111+50	11150.00	20.00	0.01	0.00	0.00	0	0	0	59	85	-26
112+00	11200.00	50.00	0.51	0.00	27.63	0	0	26	60	117	-57
112+50	11250.00	50.00	0.00	0.00	15.50	0	0	40	60	167	-107
113+00	11300.00	50.00	0.05	0.00	0.11	0	0	14	60	185	-125
113+12	11312.00	12.00	0.15	0.00	0.03	0	0	0	61	185	-125
113+15	11315.00	3.00	0.17	0.00	0.01	0	0	0	61	185	-125
113+20	11320.00	5.00	0.21	0.00	0.00	0	0	0	61	185	-125
113+25	11325.00	5.00	0.29	0.00	0.00	0	0	0	61	185	-125
113+30	11330.00	5.00	0.36	0.00	0.00	0	0	0	61	185	-125
113+35	11335.00	5.00	0.39	0.00	0.00	0	0	0	61	185	-124
113+40	11340.00	5.00	1.29	0.00	0.00	0	0	0	61	185	-124

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 183 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 02

PLOT DATE : 7/8/2025 2:12 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
113+45	11345.00	5.00	1.03	0.00	0.00	0	0	0	61	185	-124
113+50	11350.00	5.00	0.00	0.00	0.00	0	0	0	61	185	-124
113+55	11355.00	5.00	0.00	0.00	0.09	0	0	0	61	185	-124
113+60	11360.00	5.00	0.00	0.00	0.29	0	0	0	61	185	-124
113+65	11365.00	5.00	0.00	0.00	0.57	0	0	0	61	185	-124
113+70	11370.00	5.00	0.00	0.00	1.19	0	0	0	61	186	-124
113+75	11375.00	5.00	0.00	0.00	4.36	0	0	1	61	186	-125
113+80	11380.00	5.00	0.00	0.00	11.90	0	0	2	61	188	-127
113+85	11385.00	5.00	0.00	0.00	15.93	0	0	3	61	191	-130
113+90	11390.00	5.00	0.00	0.00	17.12	0	0	3	61	195	-134
113+95	11395.00	5.00	0.00	0.00	18.76	0	0	3	61	199	-138
114+00	11400.00	5.00	0.00	0.00	20.42	0	0	4	61	204	-143
114+05	11405.00	5.00	1.41	0.00	21.66	0	0	4	61	209	-147
114+10	11410.00	5.00	3.42	0.00	15.09	0	0	3	62	213	-151
114+15	11415.00	5.00	0.63	0.00	12.80	0	0	3	62	216	-154
114+20	11420.00	5.00	0.05	0.00	1.44	0	0	1	62	218	-156
114+25	11425.00	5.00	0.03	0.00	0.00	0	0	0	62	218	-156
114+30	11430.00	5.00	0.02	0.00	0.00	0	0	0	62	218	-156
114+35	11435.00	5.00	0.01	0.00	0.00	0	0	0	62	218	-156
114+40	11440.00	5.00	0.00	0.00	0.00	0	0	0	62	218	-156
114+45	11445.00	5.00	0.00	0.00	0.00	0	0	0	62	218	-156
114+50	11450.00	5.00	0.01	0.00	0.00	0	0	0	62	218	-156
114+55	11455.00	5.00	0.01	0.00	0.00	0	0	0	62	218	-156
114+60	11460.00	5.00	0.01	0.00	0.00	0	0	0	62	218	-156
114+65	11465.00	5.00	0.01	0.00	0.00	0	0	0	62	218	-156
114+70	11470.00	5.00	0.01	0.00	0.00	0	0	0	62	218	-156
114+75	11475.00	5.00	0.00	0.00	10.78	0	0	1	62	219	-157
114+80	11480.00	5.00	0.00	0.00	27.69	0	0	4	62	224	-161
114+85	11485.00	5.00	0.00	0.00	32.87	0	0	6	62	231	-168
114+90	11490.00	5.00	0.00	0.00	25.84	0	0	5	62	238	-175
114+95	11495.00	5.00	0.00	0.00	14.58	0	0	4	62	242	-180
115+00	11500.00	5.00	0.00	0.00	13.91	0	0	3	62	246	-183
115+05	11505.00	5.00	0.00	0.00	10.15	0	0	2	62	248	-186
115+10	11510.00	5.00	0.00	0.00	3.16	0	0	1	62	250	-188
115+15	11515.00	5.00	0.00	0.00	2.99	0	0	1	62	251	-188
115+20	11520.00	5.00	0.00	0.00	2.82	0	0	1	62	251	-189
115+25	11525.00	5.00	0.00	0.00	2.68	0	0	1	62	252	-190
115+30	11530.00	5.00	0.00	0.00	2.11	0	0	0	62	252	-190
115+35	11535.00	5.00	0.00	0.00	1.42	0	0	0	62	253	-191
115+40	11540.00	5.00	0.00	0.00	0.81	0	0	0	62	253	-191
115+45	11545.00	5.00	0.00	0.00	0.29	0	0	0	62	253	-191
115+50	11550.00	5.00	0.00	0.00	0.08	0	0	0	62	253	-191
115+55	11555.00	5.00	0.01	0.00	0.06	0	0	0	62	253	-191
115+60	11560.00	5.00	0.03	0.00	0.06	0	0	0	62	253	-191
115+65	11565.00	5.00	0.02	0.00	0.06	0	0	0	62	253	-191

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
115+70	11570.00	5.00	0.02	0.00	0.06	0	0	0	62	253	-191
115+75	11575.00	5.00	0.02	0.00	0.07	0	0	0	62	253	-191
115+80	11580.00	5.00	0.01	0.00	0.07	0	0	0	62	253	-191
115+85	11585.00	5.00	0.03	0.00	0.06	0	0	0	62	253	-191
115+90	11590.00	5.00	0.07	0.00	0.07	0	0	0	62	253	-191
115+95	11595.00	5.00	0.11	0.00	0.08	0	0	0	62	253	-191
116+00	11600.00	5.00	0.14	0.00	0.09	0	0	0	62	253	-191
116+05	11605.00	5.00	0.17	0.00	0.10	0	0	0	62	253	-191
116+10	11610.00	5.00	0.19	0.00	0.10	0	0	0	62	253	-191
116+15	11615.00	5.00	0.22	0.00	0.11	0	0	0	62	253	-191
116+50	11650.00	35.00	0.45	0.00	0.16	0	0	0	63	254	-191
117+00	11700.00	50.00	0.83	0.00	0.13	1	0	0	64	254	-190
117+50	11750.00	50.00	0.34	0.00	0.29	1	0	0	65	255	-189
118+00	11800.00	50.00	0.28	0.00	0.27	1	0	1	66	255	-189
118+50	11850.00	50.00	0.47	0.00	0.01	1	0	0	66	255	-189
119+00	11900.00	50.00	0.62	0.00	0.14	1	0	0	67	256	-188
119+50	11950.00	50.00	0.88	0.00	0.00	1	0	0	69	256	-187
119+87	11987.00	37.00	0.82	0.00	0.00	1	0	0	70	256	-186
119+90	11990.00	3.00	0.81	0.00	0.00	0	0	0	70	256	-186
119+95	11995.00	5.00	0.80	0.00	0.00	0	0	0	70	256	-186
120+00	12000.00	5.00	0.79	0.00	0.00	0	0	0	70	256	-185
120+05	12005.00	5.00	0.81	0.00	0.00	0	0	0	71	256	-185
120+10	12010.00	5.00	0.69	0.00	0.00	0	0	0	71	256	-185
120+15	12015.00	5.00	0.56	0.00	0.00	0	0	0	71	256	-185
120+20	12020.00	5.00	0.44	0.00	0.00	0	0	0	71	256	-185
120+25	12025.00	5.00	0.33	0.00	0.00	0	0	0	71	256	-185
120+30	12030.00	5.00	0.23	0.00	0.00	0	0	0	71	256	-185
120+35	12035.00	5.00	0.13	0.00	0.00	0	0	0	71	256	-185
120+40	12040.00	5.00	0.34	0.00	0.16	0	0	0	71	256	-185
120+45	12045.00	5.00	0.00	0.00	0.19	0	0	0	71	256	-185
120+50	12050.00	5.00	0.00	0.00	2.10	0	0	0	71	256	-185
120+55	12055.00	5.00	0.00	0.00	7.37	0	0	1	71	257	-186
120+60	12060.00	5.00	0.02	0.00	25.11	0	0	3	71	261	-190
120+65	12065.00	5.00	0.01	0.00	28.71	0	0	5	71	267	-196
120+70	12070.00	5.00	0.00	0.00	24.36	0	0	5	71	273	-202
120+75	12075.00	5.00	0.00	0.00	28.60	0	0	5	71	279	-208
120+80	12080.00	5.00	0.00	0.00	34.85	0	0	6	71	287	-216
120+85	12085.00	5.00	0.00	0.00	43.63	0	0	7	71	296	-225
120+90	12090.00	5.00	0.01	0.00	53.97	0	0	9	71	307	-236
120+95	12095.00	5.00	0.08	0.00	31.90	0	0	8	71	317	-246
121+00	12100.00	5.00	0.18	0.00	5.76	0	0	3	71	322	-250
121+05	12105.00	5.00	0.30	0.00	0.00	0	0	1	71	322	-251
121+10	12110.00	5.00	0.43	0.00	0.00	0	0	0	71	322	-251
121+15	12115.00	5.00	0.50	0.00	0.00	0	0	0	71	322	-251
121+20	12120.00	5.00	0.58	0.00	0.00	0	0	0	71	322	-251

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 185 | E

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
121+25	12125.00	5.00	0.67	0.00	0.00	0	0	0	72	322	-251
121+30	12130.00	5.00	0.76	0.00	0.00	0	0	0	72	322	-250
121+35	12135.00	5.00	0.85	0.00	0.00	0	0	0	72	322	-250
121+40	12140.00	5.00	0.95	0.00	0.00	0	0	0	72	322	-250
121+45	12145.00	5.00	1.06	0.00	0.00	0	0	0	72	322	-250
121+50	12150.00	5.00	1.17	0.00	0.72	0	0	0	72	322	-250
121+55	12155.00	5.00	1.26	0.00	16.80	0	0	2	73	324	-252
121+60	12160.00	5.00	1.33	0.00	49.97	0	0	6	73	332	-259
121+65	12165.00	5.00	1.39	0.00	55.13	0	0	10	73	344	-271
121+70	12170.00	5.00	1.56	0.00	47.55	0	0	10	73	356	-283
121+75	12175.00	5.00	2.54	0.00	41.82	0	0	8	74	366	-293
121+80	12180.00	5.00	2.57	0.00	35.67	0	0	7	74	375	-301
121+85	12185.00	5.00	1.59	0.00	15.32	0	0	5	75	381	-307
121+90	12190.00	5.00	1.62	0.00	17.24	0	0	3	75	385	-310
121+95	12195.00	5.00	1.66	0.00	15.55	0	0	3	75	389	-314
122+00	12200.00	5.00	1.68	0.00	14.12	0	0	3	76	392	-317
122+05	12205.00	5.00	1.68	0.00	12.99	0	0	3	76	395	-320
122+10	12210.00	5.00	1.53	0.00	11.32	0	0	2	76	398	-322
122+15	12215.00	5.00	1.37	0.00	9.18	0	0	2	76	401	-324
122+20	12220.00	5.00	1.22	0.00	7.25	0	0	2	77	402	-326
122+25	12225.00	5.00	1.08	0.00	5.57	0	0	1	77	404	-327
122+30	12230.00	5.00	0.96	0.00	4.14	0	0	1	77	405	-328
122+35	12235.00	5.00	0.84	0.00	3.02	0	0	1	77	406	-329
122+40	12240.00	5.00	0.74	0.00	3.47	0	0	1	77	407	-329
122+45	12245.00	5.00	0.64	0.00	3.92	0	0	1	77	408	-330
122+50	12250.00	5.00	0.55	0.00	3.12	0	0	1	78	408	-331
122+55	12255.00	5.00	0.46	0.00	2.39	0	0	1	78	409	-331
122+60	12260.00	5.00	0.43	0.00	1.74	0	0	0	78	409	-332
122+65	12265.00	5.00	0.46	0.00	1.19	0	0	0	78	410	-332
122+70	12270.00	5.00	0.48	0.00	0.89	0	0	0	78	410	-332
122+75	12275.00	5.00	0.50	0.00	0.72	0	0	0	78	410	-332
122+80	12280.00	5.00	0.52	0.00	0.57	0	0	0	78	410	-332
122+85	12285.00	5.00	0.56	0.00	0.43	0	0	0	78	410	-332
122+88	12288.00	3.00	0.73	0.00	0.40	0	0	0	78	411	-332
123+00	12300.00	12.00	0.00	0.00	0.29	0	0	0	78	411	-332
123+20	12320.00	20.00	0.00	0.00	0.05	0	0	0	78	411	-332
123+50	12350.00	30.00	1.04	0.00	0.00	1	0	0	79	411	-332
124+00	12400.00	50.00	0.16	0.00	0.15	1	0	0	80	411	-331
124+50	12450.00	50.00	0.00	0.00	0.01	0	0	0	80	411	-331
125+00	12500.00	50.00	0.00	0.00	0.19	0	0	0	80	412	-331
125+50	12550.00	50.00	0.00	0.00	1.58	0	0	2	80	414	-333
126+00	12600.00	50.00	0.01	0.00	1.09	0	0	2	80	417	-336
126+50	12650.00	50.00	0.00	0.00	0.38	0	0	1	80	418	-338
127+00	12700.00	50.00	0.05	0.00	0.05	0	0	0	80	419	-338
127+02	12702.00	2.00	0.06	0.00	0.03	0	0	0	80	419	-338

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 186 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 05

PLOT DATE : 7/8/2025 2:12 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
127+05	12705.00	3.00	0.06	0.00	0.01	0	0	0	80	419	-338
127+10	12710.00	5.00	0.09	0.00	0.01	0	0	0	80	419	-338
127+15	12715.00	5.00	0.12	0.00	0.01	0	0	0	80	419	-338
127+20	12720.00	5.00	0.12	0.00	0.00	0	0	0	80	419	-338
127+25	12725.00	5.00	0.06	0.00	0.10	0	0	0	80	419	-338
127+30	12730.00	5.00	0.04	0.00	0.60	0	0	0	80	419	-338
127+35	12735.00	5.00	0.02	0.00	1.37	0	0	0	80	419	-339
127+40	12740.00	5.00	0.01	0.00	2.16	0	0	0	80	420	-339
127+45	12745.00	5.00	0.00	0.00	2.91	0	0	0	80	420	-340
127+50	12750.00	5.00	0.00	0.00	3.68	0	0	1	80	421	-340
127+55	12755.00	5.00	0.00	0.00	5.08	0	0	1	80	422	-341
127+60	12760.00	5.00	0.12	0.00	6.32	0	0	1	80	423	-343
127+65	12765.00	5.00	0.24	0.00	8.75	0	0	1	81	425	-345
127+70	12770.00	5.00	0.49	0.00	17.09	0	0	2	81	428	-347
127+75	12775.00	5.00	0.91	0.00	27.03	0	0	4	81	433	-352
127+80	12780.00	5.00	0.00	0.00	30.16	0	0	5	81	440	-359
127+85	12785.00	5.00	0.00	0.00	33.36	0	0	6	81	447	-366
127+90	12790.00	5.00	0.00	0.00	38.63	0	0	7	81	455	-375
127+95	12795.00	5.00	0.00	0.00	46.17	0	0	8	81	465	-384
128+00	12800.00	5.00	1.12	0.00	55.24	0	0	9	81	477	-396
128+05	12805.00	5.00	0.22	0.00	61.19	0	0	11	81	490	-409
128+10	12810.00	5.00	0.90	0.00	37.52	0	0	9	81	502	-421
128+15	12815.00	5.00	0.20	0.00	5.00	0	0	4	81	507	-426
128+20	12820.00	5.00	0.17	0.00	0.00	0	0	0	81	507	-426
128+25	12825.00	5.00	0.14	0.00	0.00	0	0	0	81	507	-426
128+30	12830.00	5.00	0.11	0.00	0.00	0	0	0	81	507	-426
128+35	12835.00	5.00	0.09	0.00	0.00	0	0	0	81	507	-426
128+40	12840.00	5.00	0.07	0.00	0.00	0	0	0	81	507	-426
128+45	12845.00	5.00	0.07	0.00	0.00	0	0	0	81	507	-426
128+50	12850.00	5.00	0.07	0.00	0.00	0	0	0	81	507	-426
128+55	12855.00	5.00	0.07	0.00	0.00	0	0	0	81	507	-426
128+60	12860.00	5.00	0.08	0.00	0.00	0	0	0	81	507	-426
128+65	12865.00	5.00	0.09	0.00	0.00	0	0	0	81	507	-426
128+70	12870.00	5.00	0.09	0.00	6.59	0	0	1	81	508	-427
128+75	12875.00	5.00	0.10	0.00	30.79	0	0	3	81	512	-431
128+80	12880.00	5.00	0.11	0.00	35.68	0	0	6	81	520	-439
128+85	12885.00	5.00	1.60	0.00	29.13	0	0	6	82	528	-446
128+90	12890.00	5.00	2.74	0.00	25.04	0	0	5	82	534	-452
128+95	12895.00	5.00	2.02	0.00	20.61	0	0	4	82	539	-457
129+00	12900.00	5.00	0.17	0.00	4.66	0	0	2	83	542	-459
129+05	12905.00	5.00	0.23	0.00	6.12	0	0	1	83	543	-461
129+10	12910.00	5.00	0.22	0.00	4.95	0	0	1	83	545	-462
129+15	12915.00	5.00	0.20	0.00	3.96	0	0	1	83	546	-463
129+20	12920.00	5.00	0.19	0.00	3.14	0	0	1	83	547	-464
129+25	12925.00	5.00	0.18	0.00	2.30	0	0	1	83	547	-464

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
129+30	12930.00	5.00	0.16	0.00	1.08	0	0	0	83	548	-465
129+35	12935.00	5.00	0.15	0.00	0.32	0	0	0	83	548	-465
129+40	12940.00	5.00	0.13	0.00	0.07	0	0	0	83	548	-465
129+45	12945.00	5.00	0.12	0.00	0.01	0	0	0	83	548	-465
129+50	12950.00	5.00	0.11	0.00	0.00	0	0	0	83	548	-465
129+55	12955.00	5.00	0.09	0.00	0.00	0	0	0	83	548	-465
129+60	12960.00	5.00	0.08	0.00	0.00	0	0	0	83	548	-465
129+65	12965.00	5.00	0.07	0.00	0.01	0	0	0	83	548	-465
129+70	12970.00	5.00	0.06	0.00	0.02	0	0	0	83	548	-465
129+75	12975.00	5.00	0.05	0.00	0.04	0	0	0	83	548	-465
129+80	12980.00	5.00	0.02	0.00	0.04	0	0	0	83	548	-465
129+85	12985.00	5.00	0.00	0.00	0.01	0	0	0	83	548	-465
129+90	12990.00	5.00	0.00	0.00	0.01	0	0	0	83	548	-465
129+95	12995.00	5.00	0.00	0.00	0.00	0	0	0	83	548	-465
130+00	13000.00	5.00	0.01	0.00	0.00	0	0	0	83	548	-465
130+04	13004.00	4.00	0.02	0.00	0.00	0	0	0	83	548	-465
130+50	13050.00	46.00	0.27	0.00	0.00	0	0	0	83	548	-464
130+70	13070.00	20.00	0.47	0.00	0.00	0	0	0	84	548	-464
131+00	13100.00	30.00	0.83	0.00	0.00	1	0	0	84	548	-463
131+50	13150.00	50.00	2.32	0.00	0.00	3	0	0	87	548	-461
132+00	13200.00	50.00	2.03	0.00	0.00	4	0	0	91	548	-457
132+30	13230.00	30.00	0.97	0.00	0.00	2	0	0	93	548	-455
132+50	13250.00	20.00	2.94	0.00	0.00	1	0	0	94	548	-453
133+00	13300.00	50.00	3.86	0.00	0.00	6	0	0	101	548	-447
133+35	13335.00	35.00	1.59	0.00	0.00	4	0	0	104	548	-444
133+50	13350.00	15.00	5.06	0.00	0.00	2	0	0	106	548	-442
134+00	13400.00	50.00	5.64	0.00	0.00	10	0	0	116	548	-432
134+50	13450.00	50.00	2.37	0.00	0.00	7	0	0	123	548	-424
135+00	13500.00	50.00	1.33	0.00	0.00	3	0	0	127	548	-421
135+50	13550.00	50.00	1.77	0.00	0.00	3	0	0	130	548	-418
135+75	13575.00	25.00	0.07	0.00	0.00	1	0	0	131	548	-417
136+00	13600.00	25.00	0.70	0.00	0.04	0	0	0	131	548	-417
136+50	13650.00	50.00	0.52	0.00	0.04	1	0	0	132	548	-416
137+00	13700.00	50.00	0.98	0.00	0.00	1	0	0	133	548	-415
137+50	13750.00	50.00	0.71	0.00	3.18	2	0	3	135	552	-417
138+00	13800.00	50.00	0.79	0.00	7.70	1	0	10	136	564	-428
138+50	13850.00	50.00	0.88	0.00	14.90	2	0	21	138	590	-452
139+00	13900.00	50.00	1.35	0.00	16.38	2	0	29	140	627	-487
139+30	13930.00	30.00	2.21	0.00	16.44	2	0	18	142	649	-507
139+35	13935.00	5.00	2.39	0.00	18.66	0	0	3	142	653	-511
139+40	13940.00	5.00	2.60	0.00	20.03	0	0	4	143	658	-515
139+45	13945.00	5.00	2.81	0.00	19.96	1	0	4	143	663	-519
139+50	13950.00	5.00	3.01	0.00	19.54	1	0	4	144	667	-523
139+55	13955.00	5.00	2.90	0.00	19.14	1	0	4	144	672	-527
139+60	13960.00	5.00	2.74	0.00	18.76	1	0	4	145	676	-531

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
139+65	13965.00	5.00	2.56	0.00	18.46	0	0	3	145	680	-535
139+70	13970.00	5.00	2.30	0.00	18.63	0	0	3	146	685	-539
139+75	13975.00	5.00	2.22	0.00	18.88	0	0	3	146	689	-543
139+80	13980.00	5.00	2.23	0.00	19.22	0	0	4	147	693	-547
139+85	13985.00	5.00	2.30	0.00	19.66	0	0	4	147	698	-551
139+90	13990.00	5.00	2.53	0.00	20.19	0	0	4	148	702	-555
139+95	13995.00	5.00	2.38	0.00	20.80	0	0	4	148	707	-559
140+00	14000.00	5.00	2.42	0.00	25.87	0	0	4	149	713	-564
140+05	14005.00	5.00	3.10	0.00	50.71	1	0	7	149	721	-572
140+10	14010.00	5.00	4.17	0.00	58.26	1	0	10	150	734	-584
140+15	14015.00	5.00	3.90	0.00	65.30	1	0	11	150	748	-598
140+20	14020.00	5.00	3.11	0.00	75.51	1	0	13	151	765	-614
140+25	14025.00	5.00	2.50	0.00	89.04	1	0	15	152	784	-632
140+30	14030.00	5.00	2.09	0.00	99.60	0	0	17	152	806	-654
140+35	14035.00	5.00	1.77	0.00	97.02	0	0	18	152	828	-676
140+40	14040.00	5.00	1.51	0.00	78.45	0	0	16	153	849	-696
140+45	14045.00	5.00	1.27	0.00	35.12	0	0	11	153	862	-709
140+50	14050.00	5.00	1.04	0.00	20.37	0	0	5	153	868	-715
140+55	14055.00	5.00	0.82	0.00	19.78	0	0	4	153	873	-720
140+60	14060.00	5.00	0.62	0.00	19.44	0	0	4	153	877	-724
140+65	14065.00	5.00	0.44	0.00	19.13	0	0	4	154	882	-728
140+70	14070.00	5.00	0.45	0.00	18.86	0	0	4	154	886	-733
140+75	14075.00	5.00	0.18	0.00	18.65	0	0	3	154	891	-737
140+80	14080.00	5.00	0.08	0.00	18.47	0	0	3	154	895	-741
140+85	14085.00	5.00	0.02	0.00	18.40	0	0	3	154	899	-745
140+90	14090.00	5.00	0.00	0.00	18.43	0	0	3	154	903	-750
140+95	14095.00	5.00	0.00	0.00	18.56	0	0	3	154	908	-754
141+00	14100.00	5.00	0.00	0.00	30.85	0	0	5	154	913	-760
141+05	14105.00	5.00	0.00	0.00	64.56	0	0	9	154	924	-771
141+10	14110.00	5.00	0.00	0.00	89.11	0	0	14	154	942	-788
141+15	14115.00	5.00	0.00	0.00	88.53	0	0	16	154	963	-809
141+20	14120.00	5.00	0.02	0.00	75.83	0	0	15	154	982	-828
141+25	14125.00	5.00	0.00	0.00	66.19	0	0	13	154	998	-845
141+30	14130.00	5.00	0.05	0.00	36.70	0	0	10	154	1,010	-856
141+35	14135.00	5.00	0.00	0.00	41.61	0	0	7	154	1,019	-865
141+40	14140.00	5.00	0.00	0.00	39.49	0	0	8	154	1,029	-875
141+45	14145.00	5.00	0.00	0.00	37.20	0	0	7	154	1,037	-884
141+50	14150.00	5.00	0.05	0.00	26.37	0	0	6	154	1,045	-891
141+55	14155.00	5.00	0.27	0.00	26.47	0	0	5	154	1,051	-897
141+60	14160.00	5.00	0.53	0.00	26.44	0	0	5	154	1,057	-903
141+65	14165.00	5.00	0.81	0.00	26.28	0	0	5	154	1,063	-909
141+70	14170.00	5.00	1.13	0.00	25.52	0	0	5	154	1,069	-915
141+75	14175.00	5.00	1.47	0.00	24.49	0	0	5	154	1,075	-921
141+80	14180.00	5.00	1.77	0.00	23.57	0	0	4	155	1,081	-926
141+85	14185.00	5.00	1.71	0.00	22.74	0	0	4	155	1,086	-931

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
141+90	14190.00	5.00	1.64	0.00	22.01	0	0	4	155	1,091	-936
141+95	14195.00	5.00	1.58	0.00	21.37	0	0	4	156	1,096	-940
142+00	14200.00	5.00	1.52	0.00	20.83	0	0	4	156	1,101	-945
142+05	14205.00	5.00	1.47	0.00	20.39	0	0	4	156	1,106	-950
142+10	14210.00	5.00	1.43	0.00	20.05	0	0	4	156	1,110	-954
142+15	14215.00	5.00	1.40	0.00	19.65	0	0	4	157	1,115	-958
142+20	14220.00	5.00	1.40	0.00	17.60	0	0	3	157	1,119	-962
142+25	14225.00	5.00	1.39	0.00	15.32	0	0	3	157	1,123	-966
142+30	14230.00	5.00	1.40	0.00	13.45	0	0	3	158	1,126	-969
142+31	14231.00	1.00	1.40	0.00	13.08	0	0	0	158	1,127	-970
142+50	14250.00	19.00	1.43	0.00	10.23	1	0	8	159	1,137	-979
143+00	14300.00	50.00	1.39	0.00	9.24	3	0	18	161	1,160	-999
143+50	14350.00	50.00	1.14	0.00	10.28	2	0	18	164	1,182	-1,019
144+00	14400.00	50.00	2.40	0.00	0.02	3	0	10	167	1,194	-1,028
144+50	14450.00	50.00	1.37	0.00	0.00	3	0	0	170	1,194	-1,024
145+00	14500.00	50.00	1.05	0.00	0.00	2	0	0	173	1,194	-1,022
145+50	14550.00	50.00	1.25	0.00	0.00	2	0	0	175	1,194	-1,020
146+00	14600.00	50.00	1.37	0.00	0.00	2	0	0	177	1,194	-1,017
146+30	14630.00	30.00	0.00	0.00	0.21	1	0	0	178	1,195	-1,017
146+50	14650.00	20.00	1.43	0.00	0.18	1	0	0	178	1,195	-1,016
147+00	14700.00	50.00	1.30	0.00	0.29	3	0	0	181	1,195	-1,014
147+50	14750.00	50.00	1.25	0.00	0.46	2	0	1	183	1,196	-1,013
148+00	14800.00	50.00	1.48	0.00	0.04	3	0	0	186	1,197	-1,011
148+13	14813.00	13.00	0.00	0.00	0.02	0	0	0	186	1,197	-1,011
148+50	14850.00	37.00	2.23	0.00	0.01	2	0	0	188	1,197	-1,009
149+00	14900.00	50.00	2.44	0.00	0.00	4	0	0	192	1,197	-1,005
149+50	14950.00	50.00	4.93	0.00	0.00	7	0	0	199	1,197	-998
149+90	14990.00	40.00	0.13	0.00	0.00	4	0	0	203	1,197	-994
150+00	15000.00	10.00	0.02	0.00	0.00	0	0	0	203	1,197	-994
150+50	15050.00	50.00	4.38	0.00	0.36	4	0	0	207	1,197	-991
151+00	15100.00	50.00	2.50	0.00	1.67	6	0	2	213	1,200	-987
151+18	15118.00	18.00	2.42	0.00	2.06	2	0	1	215	1,201	-986
151+50	15150.00	32.00	7.30	0.00	2.15	6	0	2	220	1,204	-984
152+00	15200.00	50.00	4.96	0.00	1.25	11	0	3	232	1,208	-976
152+50	15250.00	50.00	4.47	0.00	1.18	9	0	2	241	1,211	-970
152+57	15257.00	7.00	0.00	0.00	1.13	1	0	0	241	1,211	-970
153+00	15300.00	43.00	5.05	0.00	1.95	4	0	2	245	1,214	-969
153+50	15350.00	50.00	0.00	0.00	1.07	5	0	3	250	1,218	-968
154+00	15400.00	50.00	0.00	0.00	0.26	0	0	1	250	1,219	-970
154+50	15450.00	50.00	0.00	0.00	0.00	0	0	0	250	1,220	-970
155+00	15500.00	50.00	0.25	0.00	0.00	0	0	0	250	1,220	-970
155+50	15550.00	50.00	0.02	0.00	0.00	0	0	0	250	1,220	-969
155+97	15597.00	47.00	0.61	0.00	0.00	1	0	0	251	1,220	-969
156+00	15600.00	3.00	0.64	0.00	0.00	0	0	0	251	1,220	-969
156+05	15605.00	5.00	0.69	0.00	0.00	0	0	0	251	1,220	-969

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 190 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 09

PLOT DATE : 7/8/2025 2:12 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
156+10	15610.00	5.00	0.76	0.00	0.00	0	0	0	251	1,220	-969
156+15	15615.00	5.00	0.83	0.00	0.00	0	0	0	251	1,220	-968
156+20	15620.00	5.00	0.90	0.00	0.00	0	0	0	251	1,220	-968
156+25	15625.00	5.00	1.27	0.00	0.00	0	0	0	252	1,220	-968
156+30	15630.00	5.00	1.68	0.00	0.00	0	0	0	252	1,220	-968
156+35	15635.00	5.00	2.09	0.00	0.00	0	0	0	252	1,220	-967
156+40	15640.00	5.00	2.50	0.00	0.00	0	0	0	253	1,220	-967
156+45	15645.00	5.00	2.91	0.00	0.00	1	0	0	253	1,220	-967
156+50	15650.00	5.00	3.32	0.00	0.00	1	0	0	254	1,220	-966
156+55	15655.00	5.00	0.57	0.00	0.00	0	0	0	254	1,220	-966
156+60	15660.00	5.00	0.61	0.00	0.00	0	0	0	254	1,220	-966
156+65	15665.00	5.00	2.35	0.00	0.00	0	0	0	255	1,220	-965
156+70	15670.00	5.00	2.24	0.00	0.00	0	0	0	255	1,220	-965
156+75	15675.00	5.00	2.45	0.00	0.00	0	0	0	255	1,220	-964
156+80	15680.00	5.00	3.40	0.00	0.00	1	0	0	256	1,220	-964
156+85	15685.00	5.00	5.28	0.00	0.00	1	0	0	257	1,220	-963
156+90	15690.00	5.00	0.00	0.00	0.00	0	0	0	257	1,220	-963
156+95	15695.00	5.00	0.00	0.00	0.00	0	0	0	257	1,220	-963
157+00	15700.00	5.00	0.00	0.00	0.00	0	0	0	257	1,220	-963
157+05	15705.00	5.00	0.00	0.00	0.00	0	0	0	257	1,220	-963
157+10	15710.00	5.00	0.00	0.00	0.00	0	0	0	257	1,220	-963
157+15	15715.00	5.00	0.02	0.00	0.00	0	0	0	257	1,220	-963
157+20	15720.00	5.00	0.04	0.00	0.00	0	0	0	257	1,220	-963
157+25	15725.00	5.00	0.03	0.00	0.00	0	0	0	257	1,220	-963
157+30	15730.00	5.00	0.00	0.00	0.00	0	0	0	257	1,220	-963
157+35	15735.00	5.00	0.03	0.00	0.00	0	0	0	257	1,220	-963
157+40	15740.00	5.00	1.19	0.00	0.00	0	0	0	257	1,220	-962
157+45	15745.00	5.00	1.09	0.00	0.00	0	0	0	258	1,220	-962
157+50	15750.00	5.00	0.92	0.00	0.00	0	0	0	258	1,220	-962
157+55	15755.00	5.00	0.77	0.00	0.00	0	0	0	258	1,220	-962
157+60	15760.00	5.00	1.33	0.00	0.00	0	0	0	258	1,220	-962
157+65	15765.00	5.00	0.94	0.00	0.00	0	0	0	258	1,220	-961
157+70	15770.00	5.00	0.49	0.00	0.00	0	0	0	258	1,220	-961
157+75	15775.00	5.00	0.26	0.00	0.00	0	0	0	259	1,220	-961
157+80	15780.00	5.00	0.21	0.00	0.00	0	0	0	259	1,220	-961
157+85	15785.00	5.00	0.21	0.00	0.00	0	0	0	259	1,220	-961
157+90	15790.00	5.00	0.08	0.00	0.00	0	0	0	259	1,220	-961
157+95	15795.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+00	15800.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+05	15805.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+10	15810.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+15	15815.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+20	15820.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+25	15825.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+30	15830.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
158+35	15835.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+40	15840.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+45	15845.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+50	15850.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+55	15855.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+60	15860.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+65	15865.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+70	15870.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+75	15875.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+80	15880.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+85	15885.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+90	15890.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
158+95	15895.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
159+00	15900.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
159+05	15905.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
159+10	15910.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
159+15	15915.00	5.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
159+17	15917.00	2.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
159+50	15950.00	33.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
160+00	16000.00	50.00	0.00	0.00	0.00	0	0	0	259	1,220	-961
160+50	16050.00	50.00	0.00	0.00	0.18	0	0	0	259	1,220	-961
161+00	16100.00	50.00	2.85	0.00	0.00	3	0	0	261	1,220	-959
161+50	16150.00	50.00	0.84	0.00	8.78	3	0	8	265	1,230	-966
162+00	16200.00	50.00	0.75	0.00	8.92	1	0	16	266	1,251	-985
162+50	16250.00	50.00	0.82	0.00	2.99	1	0	11	268	1,265	-997
163+00	16300.00	50.00	1.26	0.00	0.14	2	0	3	270	1,268	-999
163+50	16350.00	50.00	1.91	0.00	0.01	3	0	0	272	1,268	-996
164+00	16400.00	50.00	2.12	0.00	0.09	4	0	0	276	1,269	-992
164+50	16450.00	50.00	1.48	0.00	0.21	3	0	0	280	1,269	-989
165+00	16500.00	50.00	3.83	0.00	0.42	5	0	1	284	1,270	-985
165+20	16520.00	20.00	0.00	0.00	0.71	1	0	0	286	1,270	-984
165+50	16550.00	30.00	1.73	0.00	1.19	1	0	1	287	1,271	-985
166+00	16600.00	50.00	0.53	0.00	0.39	2	0	1	289	1,273	-984
166+50	16650.00	50.00	0.89	0.00	0.40	1	0	1	290	1,274	-984
167+00	16700.00	50.00	0.48	0.00	0.37	1	0	1	292	1,275	-984
167+50	16750.00	50.00	0.00	0.00	0.26	0	0	1	292	1,276	-984
168+00	16800.00	50.00	0.00	0.00	0.19	0	0	0	292	1,276	-984
168+50	16850.00	50.00	0.00	0.00	0.00	0	0	0	292	1,277	-985
169+00	16900.00	50.00	0.01	0.00	0.00	0	0	0	292	1,277	-985
169+50	16950.00	50.00	0.07	0.00	0.00	0	0	0	292	1,277	-985
170+00	17000.00	50.00	0.24	0.00	0.52	0	0	0	292	1,277	-985
170+44	17044.00	44.00	0.00	0.00	3.08	0	0	3	293	1,281	-988
170+50	17050.00	6.00	0.00	0.00	3.78	0	0	1	293	1,282	-989
171+00	17100.00	50.00	0.22	0.00	8.14	0	0	11	293	1,296	-1,003
171+50	17150.00	50.00	0.04	0.00	20.36	0	0	26	293	1,329	-1,036

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
172+00	17200.00	50.00	0.14	0.00	0.00	0	0	19	293	1,352	-1,059
172+05	17205.00	5.00	0.14	0.00	0.00	0	0	0	293	1,352	-1,059
172+50	17250.00	45.00	0.06	0.00	10.24	0	0	9	293	1,363	-1,070
173+00	17300.00	50.00	0.00	0.00	14.11	0	0	23	293	1,391	-1,098
173+50	17350.00	50.00	0.04	0.00	23.11	0	0	34	293	1,434	-1,141
174+00	17400.00	50.00	0.03	0.00	23.55	0	0	43	293	1,488	-1,195
174+50	17450.00	50.00	0.00	0.00	6.33	0	0	28	294	1,523	-1,229
175+00	17500.00	50.00	0.01	0.00	1.18	0	0	7	294	1,531	-1,238
175+50	17550.00	50.00	0.16	0.00	0.13	0	0	1	294	1,533	-1,239
176+00	17600.00	50.00	1.38	0.00	0.00	1	0	0	295	1,533	-1,238
176+12	17612.00	12.00	0.13	0.00	0.00	0	0	0	295	1,533	-1,238
176+50	17650.00	38.00	0.23	0.00	0.78	0	0	1	296	1,534	-1,238
177+00	17700.00	50.00	0.22	0.00	0.35	0	0	1	296	1,535	-1,239
177+50	17750.00	50.00	0.11	0.00	0.33	0	0	1	296	1,536	-1,239
178+00	17800.00	50.00	0.02	0.00	0.00	0	0	0	297	1,536	-1,240
178+37	17837.00	37.00	0.01	0.00	0.00	0	0	0	297	1,536	-1,240
178+50	17850.00	13.00	0.59	0.00	0.00	0	0	0	297	1,536	-1,240
179+00	17900.00	50.00	0.09	0.00	0.05	1	0	0	297	1,536	-1,239
179+50	17950.00	50.00	0.08	0.00	1.92	0	0	2	297	1,539	-1,241
179+55	17955.00	5.00	1.64	0.00	2.07	0	0	0	298	1,539	-1,241
180+00	18000.00	45.00	0.09	0.00	0.00	1	0	2	299	1,541	-1,242
180+50	18050.00	50.00	0.05	0.00	0.18	0	0	0	299	1,541	-1,242
180+65	18065.00	15.00	0.14	0.00	0.00	0	0	0	299	1,541	-1,242
181+00	18100.00	35.00	0.48	0.00	0.30	0	0	0	300	1,542	-1,242
181+50	18150.00	50.00	0.09	0.00	0.42	1	0	1	300	1,542	-1,242
182+00	18200.00	50.00	0.32	0.00	0.00	0	0	0	301	1,543	-1,242
182+43	18243.00	43.00	3.15	0.00	0.00	3	0	0	303	1,543	-1,240
182+45	18245.00	2.00	3.48	0.00	0.00	0	0	0	304	1,543	-1,239
182+50	18250.00	5.00	4.59	0.00	0.00	1	0	0	304	1,543	-1,239
182+55	18255.00	5.00	5.83	0.00	0.00	1	0	0	305	1,543	-1,238
182+60	18260.00	5.00	7.15	0.00	0.00	1	0	0	306	1,543	-1,237
182+65	18265.00	5.00	7.96	0.00	0.00	1	0	0	308	1,543	-1,235
182+70	18270.00	5.00	8.16	0.00	0.00	1	0	0	309	1,543	-1,234
182+75	18275.00	5.00	8.34	0.00	0.00	2	0	0	311	1,543	-1,232
182+80	18280.00	5.00	8.49	0.00	0.00	2	0	0	312	1,543	-1,231
182+85	18285.00	5.00	8.60	0.00	0.00	2	0	0	314	1,543	-1,229
182+90	18290.00	5.00	8.62	0.00	0.00	2	0	0	316	1,543	-1,227
182+95	18295.00	5.00	8.59	0.00	0.00	2	0	0	317	1,543	-1,226
183+00	18300.00	5.00	6.90	0.00	0.00	1	0	0	319	1,543	-1,224
183+05	18305.00	5.00	3.64	0.00	0.00	1	0	0	320	1,543	-1,223
183+10	18310.00	5.00	1.65	0.00	0.53	0	0	0	320	1,543	-1,223
183+15	18315.00	5.00	0.94	0.00	8.39	0	0	1	320	1,544	-1,224
183+20	18320.00	5.00	0.51	0.00	8.34	0	0	2	320	1,546	-1,226
183+25	18325.00	5.00	0.21	0.00	5.47	0	0	1	321	1,548	-1,227
183+30	18330.00	5.00	0.05	0.00	4.34	0	0	1	321	1,549	-1,228

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
183+35	18335.00	5.00	0.16	0.00	3.55	0	0	1	321	1,550	-1,229
183+40	18340.00	5.00	0.44	0.00	1.97	0	0	1	321	1,550	-1,230
183+45	18345.00	5.00	0.91	0.00	1.46	0	0	0	321	1,551	-1,230
183+50	18350.00	5.00	1.84	0.00	1.05	0	0	0	321	1,551	-1,230
183+55	18355.00	5.00	4.87	0.00	0.18	1	0	0	322	1,551	-1,229
183+60	18360.00	5.00	5.79	0.00	0.00	1	0	0	323	1,551	-1,228
183+65	18365.00	5.00	3.90	0.00	0.00	1	0	0	324	1,551	-1,228
183+70	18370.00	5.00	2.02	0.00	0.00	1	0	0	324	1,551	-1,227
183+75	18375.00	5.00	1.10	0.00	0.00	0	0	0	324	1,551	-1,227
183+80	18380.00	5.00	0.89	0.00	0.00	0	0	0	325	1,551	-1,227
183+85	18385.00	5.00	1.46	0.00	0.00	0	0	0	325	1,551	-1,226
183+90	18390.00	5.00	3.50	0.00	0.00	0	0	0	325	1,551	-1,226
183+95	18395.00	5.00	5.66	0.00	0.00	1	0	0	326	1,551	-1,225
184+00	18400.00	5.00	8.70	0.00	0.00	1	0	0	327	1,551	-1,224
184+05	18405.00	5.00	12.37	0.00	0.00	2	0	0	329	1,551	-1,222
184+10	18410.00	5.00	14.19	0.00	0.00	2	0	0	332	1,551	-1,219
184+15	18415.00	5.00	10.80	0.00	0.99	2	0	0	334	1,551	-1,217
184+20	18420.00	5.00	8.43	0.00	1.07	2	0	0	336	1,552	-1,216
184+25	18425.00	5.00	5.51	0.00	1.90	1	0	0	337	1,552	-1,215
184+30	18430.00	5.00	2.30	0.00	3.54	1	0	1	338	1,552	-1,215
184+35	18435.00	5.00	1.03	0.00	4.12	0	0	1	338	1,553	-1,215
184+40	18440.00	5.00	0.98	0.00	2.06	0	0	1	338	1,554	-1,216
184+45	18445.00	5.00	2.38	0.00	0.00	0	0	0	339	1,554	-1,216
184+50	18450.00	5.00	1.95	0.00	0.00	0	0	0	339	1,554	-1,215
184+55	18455.00	5.00	1.62	0.00	0.00	0	0	0	339	1,554	-1,215
184+60	18460.00	5.00	1.32	0.00	0.00	0	0	0	340	1,554	-1,215
184+65	18465.00	5.00	1.06	0.00	0.00	0	0	0	340	1,554	-1,214
184+70	18470.00	5.00	0.83	0.00	0.00	0	0	0	340	1,554	-1,214
184+75	18475.00	5.00	0.65	0.00	0.00	0	0	0	340	1,554	-1,214
184+80	18480.00	5.00	0.51	0.00	0.00	0	0	0	340	1,554	-1,214
184+85	18485.00	5.00	0.41	0.00	0.00	0	0	0	340	1,554	-1,214
184+90	18490.00	5.00	0.35	0.00	0.00	0	0	0	341	1,554	-1,214
184+95	18495.00	5.00	0.29	0.00	0.03	0	0	0	341	1,554	-1,214
185+00	18500.00	5.00	0.22	0.00	0.02	0	0	0	341	1,554	-1,214
185+05	18505.00	5.00	0.16	0.00	0.01	0	0	0	341	1,554	-1,214
185+10	18510.00	5.00	0.11	0.00	0.01	0	0	0	341	1,554	-1,214
185+15	18515.00	5.00	0.07	0.00	0.00	0	0	0	341	1,554	-1,214
185+20	18520.00	5.00	0.04	0.00	0.00	0	0	0	341	1,554	-1,214
185+25	18525.00	5.00	0.01	0.00	0.00	0	0	0	341	1,554	-1,214
185+30	18530.00	5.00	0.00	0.00	0.00	0	0	0	341	1,554	-1,214
185+35	18535.00	5.00	0.01	0.00	0.01	0	0	0	341	1,554	-1,214
185+40	18540.00	5.00	0.01	0.00	0.03	0	0	0	341	1,554	-1,214
185+45	18545.00	5.00	0.98	0.00	0.03	0	0	0	341	1,554	-1,214
185+45	18545.00	0.00	0.98	0.00	0.03	0	0	0	341	1,554	-1,214
185+50	18550.00	5.00	1.72	0.00	0.01	0	0	0	341	1,554	-1,213

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
186+00	18600.00	50.00	1.15	0.00	0.00	3	0	0	344	1,554	-1,211
186+50	18650.00	50.00	0.71	0.00	0.00	2	0	0	345	1,554	-1,209
187+00	18700.00	50.00	1.02	0.00	0.00	2	0	0	347	1,554	-1,207
187+50	18750.00	50.00	1.60	0.00	0.00	2	0	0	350	1,554	-1,205
188+00	18800.00	50.00	1.90	0.00	0.00	3	0	0	353	1,554	-1,202
188+50	18850.00	50.00	1.90	0.00	0.00	4	0	0	356	1,554	-1,198
189+00	18900.00	50.00	1.76	0.00	0.00	3	0	0	360	1,554	-1,195
189+50	18950.00	50.00	6.16	0.00	0.00	7	0	0	367	1,554	-1,187
190+00	19000.00	50.00	3.79	0.00	0.00	9	0	0	376	1,554	-1,178
190+50	19050.00	50.00	1.14	0.00	0.00	5	0	0	381	1,554	-1,174
190+55	19055.00	5.00	0.99	0.00	0.00	0	0	0	381	1,554	-1,173
191+00	19100.00	45.00	1.62	0.00	0.00	2	0	0	383	1,554	-1,171
191+50	19150.00	50.00	2.31	0.00	0.00	4	0	0	387	1,554	-1,168
192+00	19200.00	50.00	0.08	0.00	0.12	2	0	0	389	1,554	-1,165
192+50	19250.00	50.00	0.10	0.00	2.28	0	0	2	389	1,557	-1,168
193+00	19300.00	50.00	1.37	0.00	4.12	1	0	6	391	1,565	-1,174
193+50	19350.00	50.00	0.89	0.00	0.84	2	0	5	393	1,570	-1,178
194+00	19400.00	50.00	0.17	0.00	0.12	1	0	1	394	1,572	-1,178
194+50	19450.00	50.00	0.00	0.00	1.17	0	0	1	394	1,573	-1,179
195+00	19500.00	50.00	0.00	0.00	2.33	0	0	3	394	1,577	-1,183
195+50	19550.00	50.00	0.00	0.00	3.30	0	0	5	394	1,584	-1,190
196+00	19600.00	50.00	0.09	0.00	1.64	0	0	5	394	1,589	-1,195
196+50	19650.00	50.00	1.40	0.00	0.00	1	0	2	395	1,591	-1,196
196+88	19688.00	38.00	1.10	0.00	0.00	2	0	0	397	1,591	-1,194
197+00	19700.00	12.00	1.19	0.00	0.00	1	0	0	397	1,591	-1,194
197+50	19750.00	50.00	1.58	0.00	0.00	3	0	0	400	1,591	-1,191
198+00	19800.00	50.00	4.96	0.00	0.91	6	0	1	406	1,592	-1,186
198+50	19850.00	50.00	4.79	0.00	2.81	9	0	3	415	1,597	-1,181
198+80	19880.00	30.00	6.35	0.00	0.00	6	0	2	421	1,599	-1,177
199+00	19900.00	20.00	9.57	0.00	0.00	6	0	0	427	1,599	-1,171
199+50	19950.00	50.00	7.89	0.00	0.23	16	0	0	443	1,599	-1,155
200+00	20000.00	50.00	1.95	0.00	0.00	9	0	0	453	1,599	-1,147
200+50	20050.00	50.00	0.88	0.00	0.00	3	0	0	455	1,599	-1,144
201+00	20100.00	50.00	0.99	0.00	0.00	2	0	0	457	1,599	-1,142
201+50	20150.00	50.00	1.40	0.00	0.00	2	0	0	459	1,599	-1,140
201+62	20162.00	12.00	0.08	0.00	0.00	0	0	0	459	1,599	-1,140
202+00	20200.00	38.00	0.54	0.00	0.00	0	0	0	460	1,599	-1,139
202+50	20250.00	50.00	0.00	0.00	0.11	1	0	0	460	1,599	-1,139
203+00	20300.00	50.00	0.00	0.00	0.67	0	0	1	460	1,600	-1,140
203+50	20350.00	50.00	0.00	0.00	1.07	0	0	2	460	1,602	-1,142
204+00	20400.00	50.00	0.00	0.00	1.14	0	0	2	460	1,605	-1,144
204+50	20450.00	50.00	0.00	0.00	0.68	0	0	2	460	1,607	-1,146
205+00	20500.00	50.00	0.04	0.00	0.16	0	0	1	460	1,608	-1,147
205+50	20550.00	50.00	0.05	0.00	0.06	0	0	0	460	1,608	-1,148
206+00	20600.00	50.00	0.24	0.00	0.08	0	0	0	461	1,608	-1,147

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
206+50	20650.00	50.00	0.16	0.00	0.00	0	0	0	461	1,608	-1,147
207+00	20700.00	50.00	0.40	0.00	0.00	1	0	0	462	1,608	-1,147
207+50	20750.00	50.00	0.57	0.00	0.00	1	0	0	463	1,608	-1,146
208+00	20800.00	50.00	0.23	0.00	0.00	1	0	0	463	1,608	-1,145
208+50	20850.00	50.00	0.58	0.00	0.00	1	0	0	464	1,608	-1,144
209+00	20900.00	50.00	0.12	0.00	0.00	1	0	0	465	1,608	-1,144
209+50	20950.00	50.00	0.57	0.00	0.00	1	0	0	465	1,608	-1,143
210+00	21000.00	50.00	2.70	0.00	0.00	3	0	0	468	1,608	-1,140
210+50	21050.00	50.00	2.52	0.00	0.00	5	0	0	473	1,608	-1,135
211+00	21100.00	50.00	4.01	0.00	0.45	6	0	0	479	1,609	-1,130
211+22.81	21122.81	22.81	0.00	0.00	0.78	2	0	1	481	1,609	-1,128
211+32	21132.00	9.19	0.01	0.00	0.51	0	0	0	481	1,610	-1,129
211+47.79	21147.79	15.79	0.17	0.00	0.26	0	0	0	481	1,610	-1,129
211+50	21150.00	2.21	0.00	0.00	0.23	0	0	0	481	1,610	-1,129
211+72.77	21172.77	22.77	6.90	0.00	11.00	3	0	5	484	1,616	-1,132
212+00	21200.00	27.23	0.94	0.00	93.89	4	0	53	488	1,682	-1,194
212+07	21207.00	7.00	0.12	0.00	178.13	0	0	35	488	1,726	-1,238
212+13	21213.00	6.00	0.00	0.00	0.00	0	0	20	488	1,751	-1,263
212+59	21259.00	46.00	0.00	0.00	0.00	0	0	0	488	1,751	-1,263
212+67	21267.00	8.00	0.00	0.00	329.43	0	0	49	488	1,812	-1,324
213+00	21300.00	33.00	0.00	0.00	56.95	0	0	236	488	2,107	-1,619
213+01.42	21301.42	1.42	0.00	0.00	55.45	0	0	3	488	2,111	-1,623
213+26.41	21326.41	24.98	0.00	0.00	29.39	0	0	39	488	2,160	-1,672
213+43.76	21343.76	17.36	0.00	0.00	24.18	0	0	17	488	2,181	-1,693
213+50	21350.00	6.24	0.00	0.00	22.80	0	0	5	488	2,188	-1,700
213+51.39	21351.39	1.39	0.00	0.00	22.42	0	0	1	488	2,190	-1,702
213+68.75	21368.75	17.36	0.00	0.00	11.07	0	0	11	488	2,203	-1,715
213+93.73	21393.73	24.98	0.20	0.00	7.48	0	0	9	488	2,214	-1,726
214+00	21400.00	6.27	0.43	0.00	5.63	0	0	2	488	2,216	-1,727
214+50	21450.00	50.00	2.22	0.00	0.36	2	0	6	491	2,223	-1,732
215+00	21500.00	50.00	0.00	0.00	0.04	2	0	0	493	2,223	-1,730
215+10	21510.00	10.00	0.00	0.00	0.75	0	0	0	493	2,223	-1,731
215+50	21550.00	40.00	1.62	0.00	3.72	1	0	3	494	2,227	-1,733
216+00	21600.00	50.00	0.33	0.00	2.88	2	0	6	496	2,235	-1,739
216+50	21650.00	50.00	0.73	0.00	0.91	1	0	4	497	2,239	-1,743
217+00	21700.00	50.00	0.60	0.00	0.04	1	0	1	498	2,240	-1,743
217+50	21750.00	50.00	1.54	0.00	0.00	2	0	0	500	2,241	-1,741
217+93	21793.00	43.00	1.90	0.00	0.00	3	0	0	503	2,241	-1,738
218+00	21800.00	7.00	1.96	0.00	0.00	1	0	0	503	2,241	-1,737
218+50	21850.00	50.00	1.57	0.00	0.00	3	0	0	506	2,241	-1,734
219+00	21900.00	50.00	0.03	0.00	0.05	1	0	0	508	2,241	-1,733
219+50	21950.00	50.00	2.16	0.00	31.71	2	0	29	510	2,277	-1,767
219+97.19	21997.19	47.19	9.12	0.00	80.16	10	0	98	520	2,400	-1,880
220+00	22000.00	2.81	9.29	0.00	79.33	1	0	8	521	2,410	-1,889
220+22.17	22022.17	22.17	10.31	0.00	76.52	8	0	64	529	2,490	-1,961

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 196 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 15

PLOT DATE : 7/8/2025 2:12 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
220+47.15	22047.15	24.98	10.99	0.00	87.77	10	0	76	539	2,585	-2,046
220+50	22050.00	2.85	11.01	0.00	89.74	1	0	9	540	2,597	-2,057
221+00	22100.00	50.00	2.36	0.00	57.80	12	0	137	552	2,767	-2,215
221+50	22150.00	50.00	0.52	0.00	52.28	3	0	102	555	2,895	-2,340
221+94	22194.00	44.00	3.33	0.00	59.53	3	0	91	558	3,009	-2,451
221+95	22195.00	1.00	3.50	0.00	59.63	0	0	2	558	3,011	-2,453
222+00	22200.00	5.00	4.06	0.00	60.36	1	0	11	559	3,025	-2,466
222+05	22205.00	5.00	4.30	0.00	59.88	1	0	11	560	3,039	-2,480
222+10	22210.00	5.00	4.54	0.00	59.60	1	0	11	560	3,053	-2,493
222+15	22215.00	5.00	4.81	0.00	59.45	1	0	11	561	3,067	-2,506
222+20	22220.00	5.00	5.14	0.00	59.09	1	0	11	562	3,081	-2,518
222+25	22225.00	5.00	5.46	0.00	58.50	1	0	11	563	3,094	-2,531
222+30	22230.00	5.00	4.01	0.00	56.08	1	0	11	564	3,107	-2,543
222+35	22235.00	5.00	2.62	0.00	51.74	1	0	10	565	3,120	-2,555
222+40	22240.00	5.00	1.49	0.00	46.22	0	0	9	565	3,131	-2,566
222+45	22245.00	5.00	0.66	0.00	40.45	0	0	8	565	3,141	-2,576
222+50	22250.00	5.00	0.43	0.00	44.65	0	0	8	565	3,151	-2,586
222+55	22255.00	5.00	2.55	0.00	76.76	0	0	11	566	3,165	-2,600
222+60	22260.00	5.00	6.69	0.00	98.50	1	0	16	566	3,185	-2,619
222+65	22265.00	5.00	9.53	0.00	106.13	2	0	19	568	3,209	-2,641
222+70	22270.00	5.00	12.83	0.00	108.16	2	0	20	570	3,234	-2,664
222+75	22275.00	5.00	15.57	0.00	104.28	3	0	20	573	3,259	-2,686
222+80	22280.00	5.00	13.94	0.00	104.80	3	0	19	575	3,283	-2,707
222+85	22285.00	5.00	10.72	0.00	109.04	2	0	20	578	3,307	-2,730
222+88.79	22288.79	3.79	8.12	0.00	112.36	1	0	16	579	3,327	-2,748
222+90	22290.00	1.21	7.38	0.00	113.71	0	0	5	579	3,333	-2,754
222+95	22295.00	5.00	4.97	0.00	108.88	1	0	21	581	3,359	-2,778
223+00	22300.00	5.00	4.78	0.00	104.56	1	0	20	581	3,384	-2,802
223+05	22305.00	5.00	4.90	0.00	104.44	1	0	19	582	3,408	-2,826
223+10	22310.00	5.00	3.71	0.00	92.77	1	0	18	583	3,431	-2,848
223+13.39	22313.39	3.39	1.34	0.00	84.48	0	0	11	583	3,445	-2,861
223+15	22315.00	1.61	0.39	0.00	82.43	0	0	5	583	3,451	-2,867
223+20	22320.00	5.00	0.00	0.00	70.85	0	0	14	584	3,469	-2,885
223+25	22325.00	5.00	0.05	0.00	66.22	0	0	13	584	3,484	-2,901
223+30	22330.00	5.00	0.00	0.00	16.68	0	0	8	584	3,494	-2,910
223+35	22335.00	5.00	0.00	0.00	36.96	0	0	5	584	3,500	-2,917
223+37.95	22337.95	2.95	0.00	0.00	23.02	0	0	3	584	3,504	-2,921
223+40	22340.00	2.05	0.00	0.00	26.32	0	0	2	584	3,507	-2,923
223+45	22345.00	5.00	0.00	0.00	30.50	0	0	5	584	3,513	-2,930
223+50	22350.00	5.00	0.00	0.00	22.94	0	0	5	584	3,519	-2,936
223+55	22355.00	5.00	0.00	0.00	13.41	0	0	3	584	3,524	-2,940
223+60	22360.00	5.00	0.00	0.00	17.03	0	0	3	584	3,527	-2,944
223+65	22365.00	5.00	0.00	0.00	13.35	0	0	3	584	3,531	-2,947
223+70	22370.00	5.00	0.00	0.00	4.43	0	0	2	584	3,533	-2,949
223+75	22375.00	5.00	0.00	0.00	0.39	0	0	0	584	3,533	-2,950

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
223+80	22380.00	5.00	0.00	0.00	0.03	0	0	0	584	3,533	-2,950
223+85	22385.00	5.00	0.00	0.00	0.00	0	0	0	584	3,533	-2,950
223+90	22390.00	5.00	0.00	0.00	0.00	0	0	0	584	3,533	-2,950
223+95	22395.00	5.00	0.00	0.00	0.00	0	0	0	584	3,533	-2,950
224+00	22400.00	5.00	0.00	0.00	0.00	0	0	0	584	3,533	-2,950
224+05	22405.00	5.00	0.00	0.00	0.00	0	0	0	584	3,533	-2,950
224+10	22410.00	5.00	0.00	0.00	0.01	0	0	0	584	3,533	-2,950
224+15	22415.00	5.00	0.01	0.00	1.25	0	0	0	584	3,533	-2,950
224+20	22420.00	5.00	0.65	0.00	3.43	0	0	0	584	3,534	-2,950
224+25	22425.00	5.00	1.69	0.00	5.93	0	0	1	584	3,535	-2,951
224+30	22430.00	5.00	2.73	0.00	7.32	0	0	1	584	3,537	-2,952
224+35	22435.00	5.00	0.33	0.00	7.47	0	0	1	584	3,538	-2,954
224+40	22440.00	5.00	0.00	0.00	8.71	0	0	1	585	3,540	-2,956
224+45	22445.00	5.00	0.00	0.00	10.75	0	0	2	585	3,542	-2,958
224+50	22450.00	5.00	0.00	0.00	11.71	0	0	2	585	3,545	-2,961
224+55	22455.00	5.00	0.01	0.00	10.09	0	0	2	585	3,548	-2,963
224+60	22460.00	5.00	0.00	0.00	29.41	0	0	4	585	3,552	-2,968
224+65	22465.00	5.00	0.00	0.00	58.62	0	0	8	585	3,562	-2,978
224+70	22470.00	5.00	0.00	0.00	29.28	0	0	8	585	3,573	-2,988
224+75	22475.00	5.00	0.00	0.00	35.93	0	0	6	585	3,580	-2,996
224+80	22480.00	5.00	0.00	0.00	44.04	0	0	7	585	3,589	-3,005
224+85	22485.00	5.00	1.10	0.00	47.43	0	0	8	585	3,600	-3,015
224+90	22490.00	5.00	0.22	0.00	50.64	0	0	9	585	3,611	-3,027
224+95	22495.00	5.00	0.00	0.00	54.77	0	0	10	585	3,623	-3,039
225+00	22500.00	5.00	0.37	0.00	58.92	0	0	11	585	3,637	-3,052
225+05	22505.00	5.00	0.71	0.00	62.26	0	0	11	585	3,651	-3,066
225+10	22510.00	5.00	0.58	0.00	67.03	0	0	12	585	3,666	-3,081
225+15	22515.00	5.00	0.44	0.00	70.16	0	0	13	585	3,682	-3,096
225+20	22520.00	5.00	0.31	0.00	70.60	0	0	13	585	3,698	-3,113
225+25	22525.00	5.00	0.24	0.00	66.88	0	0	13	585	3,714	-3,128
225+30	22530.00	5.00	0.32	0.00	43.58	0	0	10	585	3,726	-3,141
225+35	22535.00	5.00	0.59	0.00	39.35	0	0	8	585	3,736	-3,151
225+40	22540.00	5.00	0.95	0.00	37.27	0	0	7	586	3,745	-3,159
225+45	22545.00	5.00	1.38	0.00	36.12	0	0	7	586	3,753	-3,168
225+46	22546.00	1.00	1.45	0.00	35.86	0	0	1	586	3,755	-3,169
225+50	22550.00	4.00	1.85	0.00	34.35	0	0	5	586	3,762	-3,176
226+00	22600.00	50.00	3.01	0.00	3.42	4	0	35	591	3,805	-3,215
226+50	22650.00	50.00	0.00	0.00	0.00	3	0	3	593	3,809	-3,216
227+00	22700.00	50.00	2.41	0.00	0.00	2	0	0	596	3,809	-3,214
227+50	22750.00	50.00	3.36	0.00	0.00	5	0	0	601	3,809	-3,208
228+00	22800.00	50.00	1.75	0.00	0.00	5	0	0	606	3,809	-3,204
228+50	22850.00	50.00	4.92	0.00	0.00	6	0	0	612	3,809	-3,197
229+00	22900.00	50.00	2.07	0.00	0.00	6	0	0	618	3,809	-3,191
229+42	22942.00	42.00	3.28	0.00	0.00	4	0	0	622	3,809	-3,187
229+50	22950.00	8.00	2.78	0.00	0.00	1	0	0	623	3,809	-3,186

Notes:	
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3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
230+00	23000.00	50.00	0.53	0.00	0.00	3	0	0	626	3,809	-3,183
230+50	23050.00	50.00	0.44	0.00	0.00	1	0	0	627	3,809	-3,182
231+00	23100.00	50.00	0.69	0.00	0.00	1	0	0	628	3,809	-3,181
231+50	23150.00	50.00	0.50	0.00	0.00	1	0	0	629	3,809	-3,180
232+00	23200.00	50.00	0.21	0.00	2.63	1	0	2	630	3,812	-3,182
232+50	23250.00	50.00	0.37	0.00	3.07	1	0	5	631	3,819	-3,188
233+00	23300.00	50.00	0.36	0.00	1.69	1	0	4	631	3,824	-3,193
233+50	23350.00	50.00	0.10	0.00	1.04	0	0	3	632	3,828	-3,196
234+00	23400.00	50.00	0.21	0.00	0.00	0	0	1	632	3,829	-3,197
234+47	23447.00	47.00	0.00	0.00	0.00	0	0	0	632	3,829	-3,197
234+50	23450.00	3.00	0.00	0.00	0.00	0	0	0	632	3,829	-3,197
235+00	23500.00	50.00	0.41	0.00	0.00	0	0	0	633	3,829	-3,196
235+50	23550.00	50.00	0.00	0.00	0.02	0	0	0	633	3,829	-3,196
236+00	23600.00	50.00	0.01	0.00	0.03	0	0	0	633	3,829	-3,196
236+50	23650.00	50.00	0.37	0.00	0.00	0	0	0	633	3,829	-3,196
237+00	23700.00	50.00	0.77	0.00	0.01	1	0	0	634	3,829	-3,195
237+50	23750.00	50.00	0.92	0.00	0.00	2	0	0	636	3,829	-3,193
237+61	23761.00	11.00	0.99	0.00	0.00	0	0	0	636	3,829	-3,193
238+00	23800.00	39.00	0.88	0.00	0.03	1	0	0	638	3,829	-3,191
238+50	23850.00	50.00	0.67	0.00	0.10	1	0	0	639	3,829	-3,190
238+65	23865.00	15.00	0.77	0.00	0.22	0	0	0	640	3,829	-3,190
238+65	23865.00	0.00	0.77	0.00	0.22	0	0	0	640	3,829	-3,190
238+70	23870.00	5.00	0.82	0.00	0.27	0	0	0	640	3,829	-3,190
238+75	23875.00	5.00	0.87	0.00	0.32	0	0	0	640	3,829	-3,190
238+80	23880.00	5.00	0.93	0.00	0.37	0	0	0	640	3,829	-3,189
238+85	23885.00	5.00	1.00	0.00	0.41	0	0	0	640	3,830	-3,189
238+90	23890.00	5.00	1.11	0.00	0.43	0	0	0	640	3,830	-3,189
238+95	23895.00	5.00	1.35	0.00	0.34	0	0	0	641	3,830	-3,189
239+00	23900.00	5.00	1.60	0.00	0.24	0	0	0	641	3,830	-3,189
239+05	23905.00	5.00	1.60	0.00	0.15	0	0	0	641	3,830	-3,189
239+10	23910.00	5.00	1.47	0.00	0.09	0	0	0	641	3,830	-3,188
239+15	23915.00	5.00	1.32	0.00	0.04	0	0	0	642	3,830	-3,188
239+20	23920.00	5.00	1.17	0.00	0.04	0	0	0	642	3,830	-3,188
239+25	23925.00	5.00	1.05	0.00	0.07	0	0	0	642	3,830	-3,188
239+30	23930.00	5.00	1.03	0.00	0.10	0	0	0	642	3,830	-3,188
239+35	23935.00	5.00	1.01	0.00	0.14	0	0	0	643	3,830	-3,187
239+40	23940.00	5.00	1.00	0.00	0.38	0	0	0	643	3,830	-3,187
239+45	23945.00	5.00	0.66	0.00	0.38	0	0	0	643	3,830	-3,187
239+50	23950.00	5.00	0.45	0.00	0.31	0	0	0	643	3,830	-3,187
239+55	23955.00	5.00	0.51	0.00	6.98	0	0	1	643	3,831	-3,188
239+60	23960.00	5.00	0.62	0.00	8.57	0	0	1	643	3,833	-3,190
239+65	23965.00	5.00	0.71	0.00	10.23	0	0	2	643	3,835	-3,192
239+70	23970.00	5.00	0.82	0.00	17.64	0	0	3	643	3,838	-3,195
239+75	23975.00	5.00	1.06	0.00	21.62	0	0	4	644	3,843	-3,199
239+80	23980.00	5.00	1.16	0.00	23.53	0	0	4	644	3,848	-3,204

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
239+85	23985.00	5.00	1.29	0.00	26.30	0	0	5	644	3,854	-3,210
239+90	23990.00	5.00	1.41	0.00	17.86	0	0	4	644	3,859	-3,215
239+95	23995.00	5.00	1.48	0.00	6.33	0	0	2	645	3,862	-3,217
240+00	24000.00	5.00	2.68	0.00	0.00	0	0	1	645	3,862	-3,217
240+05	24005.00	5.00	2.98	0.00	0.00	1	0	0	645	3,862	-3,217
240+10	24010.00	5.00	2.73	0.00	0.00	1	0	0	646	3,862	-3,216
240+15	24015.00	5.00	2.42	0.00	0.00	0	0	0	646	3,862	-3,216
240+20	24020.00	5.00	1.74	0.00	0.00	0	0	0	647	3,862	-3,216
240+25	24025.00	5.00	1.03	0.00	0.00	0	0	0	647	3,862	-3,215
240+30	24030.00	5.00	2.40	0.00	0.00	0	0	0	647	3,862	-3,215
240+35	24035.00	5.00	2.51	0.00	0.00	0	0	0	648	3,862	-3,215
240+40	24040.00	5.00	2.30	0.00	0.00	0	0	0	648	3,862	-3,214
240+45	24045.00	5.00	0.76	0.00	0.00	0	0	0	649	3,862	-3,214
240+50	24050.00	5.00	0.99	0.00	6.73	0	0	1	649	3,863	-3,214
240+55	24055.00	5.00	0.94	0.00	23.76	0	0	3	649	3,867	-3,218
240+60	24060.00	5.00	0.80	0.00	28.75	0	0	5	649	3,873	-3,224
240+65	24065.00	5.00	0.82	0.00	28.01	0	0	5	649	3,879	-3,230
240+70	24070.00	5.00	1.15	0.00	23.85	0	0	5	649	3,885	-3,236
240+75	24075.00	5.00	1.04	0.00	20.28	0	0	4	650	3,890	-3,241
240+80	24080.00	5.00	0.95	0.00	18.39	0	0	4	650	3,895	-3,245
240+85	24085.00	5.00	0.89	0.00	9.16	0	0	3	650	3,898	-3,248
240+90	24090.00	5.00	0.87	0.00	10.00	0	0	2	650	3,900	-3,250
240+95	24095.00	5.00	0.99	0.00	0.00	0	0	1	650	3,902	-3,251
241+00	24100.00	5.00	1.22	0.00	0.70	0	0	0	651	3,902	-3,251
241+05	24105.00	5.00	1.50	0.00	0.31	0	0	0	651	3,902	-3,251
241+10	24110.00	5.00	1.73	0.00	0.19	0	0	0	651	3,902	-3,251
241+15	24115.00	5.00	1.87	0.00	0.17	0	0	0	651	3,902	-3,250
241+20	24120.00	5.00	2.23	0.00	0.15	0	0	0	652	3,902	-3,250
241+25	24125.00	5.00	2.61	0.00	0.13	0	0	0	652	3,902	-3,250
241+30	24130.00	5.00	3.02	0.00	0.11	1	0	0	653	3,902	-3,249
241+35	24135.00	5.00	3.45	0.00	0.09	1	0	0	653	3,902	-3,249
241+40	24140.00	5.00	3.52	0.00	0.06	1	0	0	654	3,902	-3,248
241+45	24145.00	5.00	3.55	0.00	0.05	1	0	0	655	3,902	-3,247
241+50	24150.00	5.00	3.64	0.00	0.08	1	0	0	655	3,902	-3,247
241+55	24155.00	5.00	3.77	0.00	10.59	1	0	1	656	3,903	-3,247
241+60	24160.00	5.00	4.13	0.00	0.00	1	0	1	657	3,904	-3,248
241+64	24164.00	4.00	6.03	0.00	0.00	1	0	0	658	3,904	-3,247
241+75	24175.00	11.00	3.55	0.00	0.00	2	0	0	659	3,904	-3,245
242+00	24200.00	25.00	2.23	0.00	0.53	3	0	0	662	3,905	-3,243
242+50	24250.00	50.00	1.61	0.00	0.05	4	0	1	666	3,905	-3,240
243+00	24300.00	50.00	0.88	0.00	0.01	2	0	0	668	3,905	-3,237
243+50	24350.00	50.00	0.70	0.00	1.06	1	0	1	669	3,907	-3,237
244+00	24400.00	50.00	0.14	0.00	7.59	1	0	8	670	3,917	-3,246
244+50	24450.00	50.00	1.46	0.00	0.00	1	0	7	672	3,926	-3,254
244+55	24455.00	5.00	1.48	0.00	0.00	0	0	0	672	3,926	-3,254

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 200 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 19

PLOT DATE : 7/8/2025 2:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
245+00	24500.00	45.00	0.34	0.00	1.54	2	0	1	674	3,927	-3,254
245+50	24550.00	50.00	0.14	0.00	0.58	0	0	2	674	3,930	-3,256
245+79	24579.00	29.00	0.00	0.00	0.14	0	0	0	674	3,930	-3,256
246+00	24600.00	21.00	1.69	0.00	0.00	1	0	0	675	3,930	-3,255
246+12	24612.00	12.00	0.86	0.00	0.00	1	0	0	675	3,930	-3,255
246+50	24650.00	38.00	1.78	0.00	0.00	2	0	0	677	3,930	-3,253
247+00	24700.00	50.00	0.56	0.00	0.00	2	0	0	679	3,930	-3,251
247+50	24750.00	50.00	0.97	0.00	0.00	1	0	0	681	3,930	-3,249
247+72	24772.00	22.00	0.00	0.00	0.00	0	0	0	681	3,930	-3,249
248+00	24800.00	28.00	0.71	0.00	0.00	0	0	0	681	3,930	-3,249
248+50	24850.00	50.00	0.01	0.00	0.03	1	0	0	682	3,930	-3,248
249+00	24900.00	50.00	0.71	0.00	2.10	1	0	2	683	3,933	-3,250
249+05	24905.00	5.00	0.00	0.00	3.62	0	0	1	683	3,933	-3,250
249+33	24933.00	28.00	0.00	0.00	6.50	0	0	5	683	3,940	-3,257
249+50	24950.00	17.00	0.83	0.00	9.46	0	0	5	683	3,946	-3,263
249+78	24978.00	28.00	0.00	0.00	4.59	0	0	7	684	3,955	-3,272
250+00	25000.00	22.00	0.00	0.00	13.59	0	0	7	684	3,964	-3,281
250+50	25050.00	50.00	0.00	0.00	6.89	0	0	19	684	3,988	-3,305
251+00	25100.00	50.00	0.00	0.00	2.06	0	0	8	684	3,999	-3,315
251+14	25114.00	14.00	0.00	0.00	1.51	0	0	1	684	4,000	-3,316
251+15	25115.00	1.00	0.00	0.00	1.50	0	0	0	684	4,000	-3,316
251+20	25120.00	5.00	0.00	0.00	1.35	0	0	0	684	4,000	-3,317
251+25	25125.00	5.00	0.00	0.00	1.24	0	0	0	684	4,000	-3,317
251+30	25130.00	5.00	0.04	0.00	1.19	0	0	0	684	4,001	-3,317
251+35	25135.00	5.00	0.13	0.00	0.80	0	0	0	684	4,001	-3,317
251+40	25140.00	5.00	0.16	0.00	0.36	0	0	0	684	4,001	-3,317
251+45	25145.00	5.00	0.08	0.00	0.29	0	0	0	684	4,001	-3,317
251+50	25150.00	5.00	0.01	0.00	0.26	0	0	0	684	4,001	-3,318
251+55	25155.00	5.00	0.00	0.00	0.23	0	0	0	684	4,001	-3,318
251+60	25160.00	5.00	0.00	0.00	0.26	0	0	0	684	4,001	-3,318
251+65	25165.00	5.00	0.00	0.00	0.34	0	0	0	684	4,001	-3,318
251+70	25170.00	5.00	0.00	0.00	0.47	0	0	0	684	4,001	-3,318
251+75	25175.00	5.00	0.00	0.00	0.64	0	0	0	684	4,002	-3,318
251+80	25180.00	5.00	0.00	0.00	0.97	0	0	0	684	4,002	-3,318
251+85	25185.00	5.00	0.00	0.00	2.38	0	0	0	684	4,002	-3,319
251+90	25190.00	5.00	0.00	0.00	35.91	0	0	4	684	4,007	-3,323
251+95	25195.00	5.00	0.00	0.00	17.21	0	0	5	684	4,013	-3,329
252+00	25200.00	5.00	0.00	0.00	19.46	0	0	3	684	4,017	-3,333
252+05	25205.00	5.00	0.00	0.00	21.50	0	0	4	684	4,022	-3,338
252+10	25210.00	5.00	0.00	0.00	24.06	0	0	4	684	4,027	-3,343
252+15	25215.00	5.00	0.00	0.00	22.27	0	0	4	684	4,032	-3,349
252+20	25220.00	5.00	0.00	0.00	6.45	0	0	3	684	4,036	-3,352
252+25	25225.00	5.00	0.00	0.00	26.80	0	0	3	684	4,040	-3,356
252+30	25230.00	5.00	0.00	0.00	17.33	0	0	4	684	4,045	-3,361
252+35	25235.00	5.00	0.00	0.00	0.93	0	0	2	684	4,047	-3,363

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 201 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 20

PLOT DATE : 7/8/2025 2:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
252+40	25240.00	5.00	0.00	0.00	0.06	0	0	0	684	4,047	-3,363
252+45	25245.00	5.00	0.00	0.00	0.07	0	0	0	684	4,047	-3,363
252+50	25250.00	5.00	0.00	0.00	0.12	0	0	0	684	4,047	-3,363
252+55	25255.00	5.00	0.00	0.00	0.09	0	0	0	684	4,047	-3,363
252+60	25260.00	5.00	0.14	0.00	0.00	0	0	0	684	4,047	-3,363
252+65	25265.00	5.00	0.15	0.00	0.00	0	0	0	684	4,047	-3,363
252+70	25270.00	5.00	0.41	0.00	0.00	0	0	0	684	4,047	-3,363
252+75	25275.00	5.00	0.00	0.00	0.00	0	0	0	684	4,047	-3,363
252+80	25280.00	5.00	0.00	0.00	0.00	0	0	0	684	4,047	-3,363
252+85	25285.00	5.00	0.00	0.00	0.00	0	0	0	684	4,047	-3,363
252+90	25290.00	5.00	0.00	0.00	13.16	0	0	1	684	4,048	-3,365
252+95	25295.00	5.00	0.04	0.00	23.66	0	0	3	684	4,053	-3,369
253+00	25300.00	5.00	0.36	0.00	21.66	0	0	4	684	4,058	-3,374
253+05	25305.00	5.00	0.30	0.00	18.93	0	0	4	684	4,063	-3,379
253+10	25310.00	5.00	0.28	0.00	16.75	0	0	3	684	4,067	-3,383
253+15	25315.00	5.00	0.27	0.00	13.60	0	0	3	684	4,070	-3,386
253+20	25320.00	5.00	0.22	0.00	4.00	0	0	2	684	4,072	-3,388
253+25	25325.00	5.00	0.20	0.00	3.87	0	0	1	684	4,073	-3,389
253+30	25330.00	5.00	0.17	0.00	3.59	0	0	1	684	4,074	-3,390
253+35	25335.00	5.00	0.18	0.00	2.85	0	0	1	684	4,075	-3,391
253+40	25340.00	5.00	0.23	0.00	1.94	0	0	0	684	4,075	-3,391
253+45	25345.00	5.00	0.25	0.00	1.10	0	0	0	684	4,076	-3,392
253+50	25350.00	5.00	0.27	0.00	0.48	0	0	0	684	4,076	-3,392
253+55	25355.00	5.00	0.29	0.00	0.10	0	0	0	684	4,076	-3,392
253+60	25360.00	5.00	0.31	0.00	0.00	0	0	0	684	4,076	-3,392
253+65	25365.00	5.00	0.41	0.00	0.00	0	0	0	684	4,076	-3,392
253+70	25370.00	5.00	0.52	0.00	0.00	0	0	0	684	4,076	-3,392
253+75	25375.00	5.00	0.51	0.00	0.00	0	0	0	685	4,076	-3,391
253+80	25380.00	5.00	0.49	0.00	0.00	0	0	0	685	4,076	-3,391
253+85	25385.00	5.00	0.37	0.00	0.00	0	0	0	685	4,076	-3,391
253+90	25390.00	5.00	0.26	0.00	0.00	0	0	0	685	4,076	-3,391
253+95	25395.00	5.00	0.68	0.00	0.00	0	0	0	685	4,076	-3,391
254+00	25400.00	5.00	0.64	0.00	0.00	0	0	0	685	4,076	-3,391
254+05	25405.00	5.00	0.69	0.00	0.00	0	0	0	685	4,076	-3,391
254+10	25410.00	5.00	0.69	0.00	0.00	0	0	0	685	4,076	-3,391
254+15	25415.00	5.00	0.68	0.00	0.00	0	0	0	685	4,076	-3,391
254+50	25450.00	35.00	0.31	0.00	0.00	1	0	0	686	4,076	-3,390
255+00	25500.00	50.00	0.13	0.00	0.00	0	0	0	686	4,076	-3,390
255+50	25550.00	50.00	0.01	0.00	0.07	0	0	0	687	4,076	-3,390
256+00	25600.00	50.00	0.45	0.00	0.04	0	0	0	687	4,076	-3,389
256+08	25608.00	8.00	0.48	0.00	0.01	0	0	0	687	4,076	-3,389
256+50	25650.00	42.00	0.37	0.00	0.03	1	0	0	688	4,076	-3,388
257+00	25700.00	50.00	0.57	0.00	0.00	1	0	0	689	4,076	-3,388
257+50	25750.00	50.00	2.02	0.00	0.00	2	0	0	691	4,076	-3,385
258+00	25800.00	50.00	3.45	0.00	0.00	5	0	0	696	4,076	-3,380

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 202 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 21

PLOT DATE : 7/8/2025 2:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
258+50	25850.00	50.00	1.09	0.00	0.00	4	0	0	700	4,076	-3,376
259+00	25900.00	50.00	3.79	0.00	0.00	5	0	0	705	4,076	-3,371
259+50	25950.00	50.00	6.09	0.00	0.00	9	0	0	714	4,076	-3,362
260+00	26000.00	50.00	7.25	0.00	0.00	12	0	0	726	4,076	-3,350
260+20	26020.00	20.00	1.90	0.00	0.00	3	0	0	730	4,076	-3,347
260+50	26050.00	30.00	2.94	0.00	0.00	3	0	0	732	4,076	-3,344
260+94	26094.00	44.00	1.39	0.00	0.00	4	0	0	736	4,076	-3,340
260+95	26095.00	1.00	1.32	0.00	0.00	0	0	0	736	4,076	-3,340
261+00	26100.00	5.00	1.07	0.00	0.00	0	0	0	736	4,076	-3,340
261+05	26105.00	5.00	0.83	0.00	0.00	0	0	0	736	4,076	-3,340
261+10	26110.00	5.00	0.64	0.00	0.00	0	0	0	737	4,076	-3,340
261+15	26115.00	5.00	0.52	0.00	0.00	0	0	0	737	4,076	-3,340
261+20	26120.00	5.00	0.37	0.00	0.00	0	0	0	737	4,076	-3,340
261+25	26125.00	5.00	0.33	0.00	0.00	0	0	0	737	4,076	-3,340
261+30	26130.00	5.00	0.35	0.00	0.00	0	0	0	737	4,076	-3,339
261+35	26135.00	5.00	0.36	0.00	0.00	0	0	0	737	4,076	-3,339
261+40	26140.00	5.00	0.39	0.00	0.00	0	0	0	737	4,076	-3,339
261+45	26145.00	5.00	0.51	0.00	0.00	0	0	0	737	4,076	-3,339
261+50	26150.00	5.00	0.68	0.00	0.00	0	0	0	737	4,076	-3,339
261+55	26155.00	5.00	0.93	0.00	0.00	0	0	0	737	4,076	-3,339
261+60	26160.00	5.00	1.30	0.00	0.00	0	0	0	738	4,076	-3,339
261+65	26165.00	5.00	1.65	0.00	0.00	0	0	0	738	4,076	-3,338
261+70	26170.00	5.00	1.65	0.00	0.00	0	0	0	738	4,076	-3,338
261+75	26175.00	5.00	1.88	0.00	0.00	0	0	0	738	4,076	-3,338
261+80	26180.00	5.00	2.51	0.00	0.00	0	0	0	739	4,076	-3,337
261+85	26185.00	5.00	3.30	0.00	0.00	1	0	0	739	4,076	-3,337
261+90	26190.00	5.00	4.53	0.00	0.00	1	0	0	740	4,076	-3,336
261+95	26195.00	5.00	8.01	0.00	0.00	1	0	0	741	4,076	-3,335
262+00	26200.00	5.00	0.01	0.00	0.00	1	0	0	742	4,076	-3,334
262+05	26205.00	5.00	0.00	0.00	0.00	0	0	0	742	4,076	-3,334
262+10	26210.00	5.00	0.22	0.00	0.00	0	0	0	742	4,076	-3,334
262+15	26215.00	5.00	0.28	0.00	0.00	0	0	0	742	4,076	-3,334
262+20	26220.00	5.00	0.34	0.00	0.00	0	0	0	742	4,076	-3,334
262+25	26225.00	5.00	0.41	0.00	0.00	0	0	0	742	4,076	-3,334
262+30	26230.00	5.00	0.48	0.00	0.00	0	0	0	742	4,076	-3,334
262+35	26235.00	5.00	0.62	0.00	0.00	0	0	0	742	4,076	-3,334
262+40	26240.00	5.00	1.02	0.00	0.00	0	0	0	743	4,076	-3,334
262+45	26245.00	5.00	2.19	0.00	0.00	0	0	0	743	4,076	-3,333
262+50	26250.00	5.00	2.96	0.00	0.00	0	0	0	743	4,076	-3,333
262+55	26255.00	5.00	2.93	0.00	0.00	1	0	0	744	4,076	-3,332
262+60	26260.00	5.00	2.91	0.00	0.00	1	0	0	744	4,076	-3,332
262+65	26265.00	5.00	3.21	0.00	0.00	1	0	0	745	4,076	-3,331
262+70	26270.00	5.00	2.82	0.00	0.00	1	0	0	746	4,076	-3,331
262+75	26275.00	5.00	2.69	0.00	0.00	1	0	0	746	4,076	-3,330
262+80	26280.00	5.00	2.47	0.00	0.00	0	0	0	747	4,076	-3,330

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 203 | E

CTH C

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	1.00 NOTE 1	1.25	NOTE 8
262+85	26285.00	5.00	2.05	0.00	0.00	0	0	0	747	4,076	-3,329
262+90	26290.00	5.00	1.22	0.00	0.00	0	0	0	747	4,076	-3,329
262+95	26295.00	5.00	0.18	0.00	0.00	0	0	0	747	4,076	-3,329
263+00	26300.00	5.00	0.05	0.00	0.00	0	0	0	747	4,076	-3,329
263+05	26305.00	5.00	0.04	0.00	0.00	0	0	0	747	4,076	-3,329
263+10	26310.00	5.00	0.07	0.00	0.00	0	0	0	747	4,076	-3,329
263+15	26315.00	5.00	0.46	0.00	0.00	0	0	0	747	4,076	-3,329
263+20	26320.00	5.00	1.12	0.00	0.00	0	0	0	748	4,076	-3,329
263+25	26325.00	5.00	1.44	0.00	0.00	0	0	0	748	4,076	-3,328
263+30	26330.00	5.00	1.66	0.00	0.00	0	0	0	748	4,076	-3,328
263+35	26335.00	5.00	1.72	0.00	0.00	0	0	0	748	4,076	-3,328
263+40	26340.00	5.00	1.68	0.00	0.00	0	0	0	749	4,076	-3,328
263+45	26345.00	5.00	1.69	0.00	0.00	0	0	0	749	4,076	-3,327
263+50	26350.00	5.00	1.72	0.00	0.00	0	0	0	749	4,076	-3,327
263+55	26355.00	5.00	1.78	0.00	0.00	0	0	0	750	4,076	-3,327
263+60	26360.00	5.00	1.75	0.00	0.00	0	0	0	750	4,076	-3,326
263+65	26365.00	5.00	1.66	0.00	0.00	0	0	0	750	4,076	-3,326
263+70	26370.00	5.00	1.52	0.00	0.00	0	0	0	751	4,076	-3,326
263+75	26375.00	5.00	1.32	0.00	0.00	0	0	0	751	4,076	-3,325
263+80	26380.00	5.00	1.06	0.00	0.00	0	0	0	751	4,076	-3,325
263+85	26385.00	5.00	0.74	0.00	0.00	0	0	0	751	4,076	-3,325
263+90	26390.00	5.00	0.35	0.00	0.00	0	0	0	751	4,076	-3,325
263+95	26395.00	5.00	0.06	0.00	0.00	0	0	0	751	4,076	-3,325
264+00	26400.00	5.00	0.00	0.00	0.00	0	0	0	751	4,076	-3,325
264+05	26405.00	5.00	0.00	0.00	0.00	0	0	0	751	4,076	-3,325
264+10	26410.00	5.00	0.00	0.00	0.00	0	0	0	751	4,076	-3,325
264+15	26415.00	5.00	0.00	0.00	0.00	0	0	0	751	4,076	-3,325
264+19	26419.00	4.00	0.00	0.00	0.00	0	0	0	751	4,076	-3,325
264+50	26450.00	31.00	4.57	0.00	0.00	3	0	0	754	4,076	-3,322
265+00	26500.00	50.00	1.00	0.00	0.01	5	0	0	759	4,076	-3,317
265+18	26518.00	18.00	1.89	0.00	0.00	1	0	0	760	4,076	-3,316
265+28	26528.00	10.00	3.45	0.00	0.00	1	0	0	761	4,076	-3,315

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 204 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 23

PLOT DATE : 7/8/2025 2:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

EAST N BROWN CTY LINE RD

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
100+20	10020.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0
100+25	10025.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
100+30	10030.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
100+35	10035.00	5.00	0.91	0.00	0.00	0	0	0	0	0	0
100+40	10040.00	5.00	4.19	0.00	0.26	0	0	0	1	0	1
100+45	10045.00	5.00	6.30	0.00	3.41	1	0	0	2	0	1
100+50	10050.00	5.00	0.74	0.00	3.06	1	0	1	2	1	1
100+55	10055.00	5.00	0.01	0.00	5.94	0	0	1	2	2	0
100+60	10060.00	5.00	0.18	0.00	7.29	0	0	1	2	4	-2
100+65	10065.00	5.00	2.81	0.00	5.60	0	0	1	3	5	-3
100+70	10070.00	5.00	3.48	0.00	3.16	1	0	1	3	6	-3
100+75	10075.00	5.00	3.50	0.00	0.82	1	0	0	4	7	-3
100+80	10080.00	5.00	4.50	0.00	0.00	1	0	0	5	7	-2
100+85	10085.00	5.00	8.68	0.00	0.00	1	0	0	6	7	-1
100+90	10090.00	5.00	10.21	0.00	0.00	2	0	0	7	7	1
100+95	10095.00	5.00	11.57	0.00	0.00	2	0	0	9	7	3
101+00	10100.00	5.00	13.10	0.00	0.00	2	0	0	12	7	5
101+05	10105.00	5.00	14.07	0.00	0.00	3	0	0	14	7	7
101+10	10110.00	5.00	12.81	0.00	0.00	2	0	0	17	7	10
101+15	10115.00	5.00	9.60	0.00	0.00	2	0	0	19	7	12
101+20	10120.00	5.00	6.26	0.00	0.00	1	0	0	20	7	13
101+25	10125.00	5.00	3.07	0.00	0.00	1	0	0	21	7	14
101+30	10130.00	5.00	0.79	0.00	0.06	0	0	0	22	7	15
101+34.76	10134.76	4.76	0.09	0.00	0.42	0	0	0	22	7	15

WEST N BROWN CTY LINE RD

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
98+56.57	9856.57	0.00	1.12	0.00	0.07	0	0	0	0	0	0
98+60	9860.00	3.43	1.78	0.00	0.07	0	0	0	0	0	0
98+65	9865.00	5.00	1.37	0.00	0.09	0	0	0	0	0	0
98+70	9870.00	5.00	0.97	0.00	0.14	0	0	0	1	0	1
98+75	9875.00	5.00	0.66	0.00	0.20	0	0	0	1	0	1
98+80	9880.00	5.00	0.42	0.00	0.27	0	0	0	1	0	1
98+85	9885.00	5.00	0.26	0.00	0.37	0	0	0	1	0	1
98+90	9890.00	5.00	0.15	0.00	0.49	0	0	0	1	0	1
98+95	9895.00	5.00	0.12	0.00	0.66	0	0	0	1	0	1
99+00	9900.00	5.00	0.87	0.00	0.72	0	0	0	1	1	1
99+05	9905.00	5.00	2.29	0.00	0.66	0	0	0	1	1	1
99+10	9910.00	5.00	4.40	0.00	0.60	1	0	0	2	1	1
99+15	9915.00	5.00	4.39	0.00	0.61	1	0	0	3	1	2
99+20	9920.00	5.00	1.76	0.00	0.63	1	0	0	3	1	2
99+25	9925.00	5.00	0.69	0.00	0.88	0	0	0	4	1	2
99+30	9930.00	5.00	0.02	0.00	1.67	0	0	0	4	2	2
99+35	9935.00	5.00	0.00	0.00	2.02	0	0	0	4	2	2
99+40	9940.00	5.00	0.00	0.00	2.32	0	0	0	4	3	1
99+45	9945.00	5.00	0.00	0.00	13.97	0	0	2	4	4	-1
99+50	9950.00	5.00	0.00	0.00	12.38	0	0	2	4	8	-4
99+55	9955.00	5.00	0.00	0.00	8.69	0	0	2	4	10	-6
99+60	9960.00	5.00	0.00	0.00	0.12	0	0	1	4	11	-7
99+65	9965.00	5.00	0.00	0.00	0.00	0	0	0	4	11	-7
99+70	9970.00	5.00	0.00	0.00	0.00	0	0	0	4	11	-7
99+75	9975.00	5.00	0.00	0.00	0.00	0	0	0	4	11	-7
99+80	9980.00	5.00	0.00	0.00	0.00	0	0	0	4	11	-7

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 205 | E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 24

PLOT DATE : 7/8/2025 2:13 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

HARVEST VALLEY LN

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
200+20	20020.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0
200+25	20025.00	5.00	0.02	0.00	0.00	0	0	0	0	0	0
200+30	20030.00	5.00	0.06	0.00	0.00	0	0	0	0	0	0
200+35	20035.00	5.00	0.02	0.00	0.00	0	0	0	0	0	0
200+40	20040.00	5.00	0.00	0.00	3.69	0	0	0	0	0	0
200+45	20045.00	5.00	0.00	0.00	14.66	0	0	2	0	3	-3
200+50	20050.00	5.00	0.00	0.00	24.62	0	0	4	0	7	-7
200+55	20055.00	5.00	0.16	0.00	22.34	0	0	4	0	13	-12
200+60	20060.00	5.00	0.43	0.00	18.38	0	0	4	0	17	-17
200+65	20065.00	5.00	0.46	0.00	7.05	0	0	2	0	20	-20
200+70	20070.00	5.00	1.31	0.00	0.66	0	0	1	0	21	-21
200+75	20075.00	5.00	1.08	0.00	0.05	0	0	0	1	21	-21
200+80	20080.00	5.00	0.85	0.00	0.00	0	0	0	1	21	-20
200+85	20085.00	5.00	0.66	0.00	0.00	0	0	0	1	21	-20
200+90	20090.00	5.00	0.16	0.00	0.00	0	0	0	1	21	-20
200+95	20095.00	5.00	0.05	0.00	0.13	0	0	0	1	21	-20
201+00	20100.00	5.00	0.08	0.00	0.10	0	0	0	1	21	-20
201+05	20105.00	5.00	0.15	0.00	0.00	0	0	0	1	21	-20
201+10	20110.00	5.00	0.21	0.00	0.00	0	0	0	1	21	-20
201+12.31	20112.31	2.31	0.00	0.00	0.00	0	0	0	1	21	-20

SUNSET CIR SOUTH

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
300+20	30020.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0
300+25	30025.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
300+30	30030.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
300+35	30035.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
300+40	30040.00	5.00	0.00	0.00	4.55	0	0	0	0	1	-1
300+45	30045.00	5.00	0.00	0.00	31.93	0	0	3	0	5	-5
300+50	30050.00	5.00	0.00	0.00	41.62	0	0	7	0	13	-13
300+55	30055.00	5.00	0.09	0.00	34.32	0	0	7	0	22	-22
300+60	30060.00	5.00	0.03	0.00	23.98	0	0	5	0	29	-29
300+65	30065.00	5.00	0.00	0.00	13.00	0	0	3	0	33	-33
300+70	30070.00	5.00	0.00	0.00	5.59	0	0	2	0	35	-35
300+75	30075.00	5.00	0.08	0.00	0.68	0	0	1	0	36	-36
300+80	30080.00	5.00	0.08	0.00	0.51	0	0	0	0	36	-36
300+85	30085.00	5.00	0.00	0.00	0.29	0	0	0	0	36	-36
300+90	30090.00	5.00	0.06	0.00	0.14	0	0	0	0	36	-36
300+95	30095.00	5.00	0.26	0.00	0.05	0	0	0	0	36	-36
301+00	30100.00	5.00	0.62	0.00	0.01	0	0	0	0	36	-36
301+05	30105.00	5.00	1.02	0.00	0.00	0	0	0	0	36	-36
301+10	30110.00	5.00	1.52	0.00	0.00	0	0	0	1	36	-36
301+15	30115.00	5.00	2.18	0.00	0.00	0	0	0	1	36	-35
301+20	30120.00	5.00	3.10	0.00	0.00	0	0	0	1	36	-35
301+25	30125.00	5.00	4.29	0.00	0.00	1	0	0	2	36	-34
301+30	30130.00	5.00	5.74	0.00	0.00	1	0	0	3	36	-33
301+32.81	30132.81	2.81	6.62	0.00	0.00	1	0	0	4	36	-33

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

9

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PROJECT NO: 9095-10-71 | HWY: CTH C | COUNTY: OCONTO | EARTHWORK DATA | SHEET 206 | E

SUNSET CIR NORTH

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
400+20	40020.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0
400+25	40025.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
400+30	40030.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
400+35	40035.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
400+40	40040.00	5.00	0.00	0.00	4.38	0	0	0	0	1	-1
400+45	40045.00	5.00	0.00	0.00	34.06	0	0	4	0	5	-5
400+50	40050.00	5.00	0.00	0.00	43.95	0	0	7	0	14	-14
400+55	40055.00	5.00	0.00	0.00	37.75	0	0	8	0	23	-23
400+60	40060.00	5.00	0.00	0.00	32.61	0	0	7	0	32	-32
400+65	40065.00	5.00	0.00	0.00	23.46	0	0	5	0	38	-38
400+70	40070.00	5.00	0.00	0.00	13.66	0	0	3	0	42	-42
400+75	40075.00	5.00	0.00	0.00	7.06	0	0	2	0	45	-45
400+80	40080.00	5.00	0.00	0.00	5.10	0	0	1	0	46	-46
400+85	40085.00	5.00	0.00	0.00	3.29	0	0	1	0	47	-47
400+90	40090.00	5.00	0.00	0.00	1.73	0	0	0	0	48	-48
400+95	40095.00	5.00	0.00	0.00	0.48	0	0	0	0	48	-48
401+00	40100.00	5.00	0.01	0.00	0.01	0	0	0	0	48	-48
401+05	40105.00	5.00	0.67	0.00	0.00	0	0	0	0	48	-48
401+10	40110.00	5.00	1.83	0.00	0.00	0	0	0	0	48	-48
401+15	40115.00	5.00	2.81	0.00	0.00	0	0	0	1	48	-47
401+15.3	40115.30	0.30	0.00	0.00	0.00	0	0	0	1	48	-47

BREEZE LN

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
500+20	50020.00	0.00	0.20	0.00	0.00	0	0	0	0	0	0
500+25	50025.00	5.00	0.38	0.00	0.00	0	0	0	0	0	0
500+30	50030.00	5.00	0.75	0.00	0.00	0	0	0	0	0	0
500+35	50035.00	5.00	1.55	0.00	0.00	0	0	0	0	0	0
500+40	50040.00	5.00	0.76	0.00	7.65	0	0	1	1	1	0
500+45	50045.00	5.00	0.01	0.00	55.61	0	0	6	1	8	-8
500+50	50050.00	5.00	0.00	0.00	91.34	0	0	14	1	25	-25
500+55	50055.00	5.00	0.00	0.00	61.37	0	0	14	1	43	-42
500+60	50060.00	5.00	0.04	0.00	75.86	0	0	13	1	59	-58
500+65	50065.00	5.00	0.28	0.00	60.96	0	0	13	1	75	-74
500+70	50070.00	5.00	0.27	0.00	46.36	0	0	10	1	87	-86
500+75	50075.00	5.00	0.28	0.00	33.03	0	0	7	1	96	-95
500+80	50080.00	5.00	0.13	0.00	25.06	0	0	5	1	103	-102
500+85	50085.00	5.00	0.05	0.00	9.12	0	0	3	1	107	-106
500+90	50090.00	5.00	0.05	0.00	12.50	0	0	2	1	109	-109
500+95	50095.00	5.00	0.05	0.00	7.90	0	0	2	1	112	-111
501+00	50100.00	5.00	0.00	0.00	4.34	0	0	1	1	113	-112
501+05	50105.00	5.00	0.29	0.00	2.23	0	0	1	1	114	-113
501+10	50110.00	5.00	0.59	0.00	1.18	0	0	0	1	114	-113
501+15	50115.00	5.00	0.86	0.00	0.45	0	0	0	1	115	-113
501+20	50120.00	5.00	1.49	0.00	0.06	0	0	0	1	115	-113
501+25	50125.00	5.00	2.06	0.00	0.00	0	0	0	2	115	-113
501+27.124	50127.12	2.12	0.00	0.00	0.00	0	0	0	2	115	-113

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

HILBERT RD

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
700+20	70020.00	0.00	0.25	0.00	0.00	0	0	0	0	0	0
700+25	70025.00	5.00	3.21	0.00	0.00	0	0	0	0	0	0
700+30	70030.00	5.00	7.67	0.00	0.00	1	0	0	1	0	1
700+35	70035.00	5.00	14.64	0.00	0.00	2	0	0	3	0	3
700+40	70040.00	5.00	21.58	0.00	0.00	3	0	0	7	0	7
700+45	70045.00	5.00	19.22	0.00	0.95	4	0	0	11	0	10
700+50	70050.00	5.00	16.92	0.00	1.15	3	0	0	14	0	14
700+55	70055.00	5.00	15.51	0.00	2.08	3	0	0	17	1	16
700+60	70060.00	5.00	14.33	0.00	2.19	3	0	0	20	1	18
700+65	70065.00	5.00	14.43	0.00	1.86	3	0	0	22	2	21
700+70	70070.00	5.00	14.89	0.00	1.05	3	0	0	25	2	23
700+75	70075.00	5.00	13.83	0.00	0.00	3	0	0	28	2	26
700+80	70080.00	5.00	12.52	0.00	0.00	2	0	0	30	2	28
700+85	70085.00	5.00	12.40	0.00	0.00	2	0	0	32	2	30
700+90	70090.00	5.00	14.14	0.00	0.00	2	0	0	35	2	33
700+95	70095.00	5.00	10.29	0.00	0.00	2	0	0	37	2	35
700+96.31	70096.31	1.31	0.00	0.00	0.00	0	0	0	37	2	35

EAST POTTS LN-FAGER LN SOUTH

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
800+20	80020.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0
800+25	80025.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
800+30	80030.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
800+35	80035.00	5.00	0.00	0.00	0.25	0	0	0	0	0	0
800+40	80040.00	5.00	0.00	0.00	2.79	0	0	0	0	0	0
800+45	80045.00	5.00	0.00	0.00	6.15	0	0	1	0	1	-1
800+50	80050.00	5.00	0.18	0.00	9.04	0	0	1	0	3	-3
800+55	80055.00	5.00	1.07	0.00	18.63	0	0	3	0	6	-6
800+60	80060.00	5.00	1.21	0.00	21.68	0	0	4	0	11	-11
800+65	80065.00	5.00	0.71	0.00	15.82	0	0	3	1	15	-15
800+70	80070.00	5.00	1.20	0.00	11.77	0	0	3	1	19	-18
800+75	80075.00	5.00	1.15	0.00	9.63	0	0	2	1	21	-20
800+80	80080.00	5.00	1.13	0.00	7.91	0	0	2	1	23	-22
800+85	80085.00	5.00	3.33	0.00	3.07	0	0	1	2	24	-23
800+90	80090.00	5.00	7.84	0.00	24.48	1	0	3	3	28	-25
800+95	80095.00	5.00	6.08	0.00	7.11	1	0	3	4	31	-27
801+00	80100.00	5.00	5.44	0.00	1.27	1	0	1	5	32	-27
801+05	80105.00	5.00	6.10	0.00	1.55	1	0	0	6	32	-26
801+10	80110.00	5.00	6.93	0.00	1.02	1	0	0	7	33	-26
801+15	80115.00	5.00	8.03	0.00	0.57	1	0	0	9	33	-24
801+20	80120.00	5.00	8.71	0.00	1.27	2	0	0	10	33	-23
801+25	80125.00	5.00	8.61	0.00	2.09	2	0	0	12	34	-22
801+30	80130.00	5.00	8.37	0.00	1.05	2	0	0	13	34	-21
801+35	80135.00	5.00	7.48	0.00	0.31	1	0	0	15	34	-19
801+40	80140.00	5.00	6.57	0.00	0.01	1	0	0	16	34	-18
801+45	80145.00	5.00	5.81	0.00	0.00	1	0	0	17	34	-17
801+50	80150.00	5.00	5.19	0.00	0.00	1	0	0	18	34	-16
801+50.12	80150.12	0.12	5.18	0.00	0.00	0	0	0	18	34	-16

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

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WEST POTTS LN-FAGER LN SOUTH

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
798+63.28	79863.28	0.00	0.37	0.00	0.02	0	0	0	0	0	0
798+65	79865.00	1.72	0.27	0.00	0.07	0	0	0	0	0	0
798+70	79870.00	5.00	0.08	0.00	0.33	0	0	0	0	0	0
798+75	79875.00	5.00	0.03	0.00	0.79	0	0	0	0	0	0
798+80	79880.00	5.00	0.01	0.00	0.94	0	0	0	0	0	0
798+85	79885.00	5.00	0.05	0.00	1.23	0	0	0	0	1	-1
798+90	79890.00	5.00	0.26	0.00	1.43	0	0	0	0	1	-1
798+95	79895.00	5.00	0.62	0.00	1.65	0	0	0	0	1	-1
799+00	79900.00	5.00	1.14	0.00	1.89	0	0	0	0	2	-1
799+05	79905.00	5.00	1.80	0.00	1.94	0	0	0	1	2	-2
799+10	79910.00	5.00	2.56	0.00	1.60	0	0	0	1	3	-2
799+15	79915.00	5.00	3.05	0.00	5.70	1	0	1	2	3	-2
799+20	79920.00	5.00	4.84	0.00	0.61	1	0	1	2	4	-2
799+25	79925.00	5.00	5.11	0.00	0.11	1	0	0	3	4	-1
799+30	79930.00	5.00	6.16	0.00	0.06	1	0	0	4	4	0
799+35	79935.00	5.00	7.38	0.00	0.49	1	0	0	5	4	1
799+40	79940.00	5.00	9.05	0.00	0.80	2	0	0	7	4	3
799+45	79945.00	5.00	11.01	0.00	0.12	2	0	0	9	5	4
799+50	79950.00	5.00	13.31	0.00	0.86	2	0	0	11	5	6
799+55	79955.00	5.00	7.41	0.00	3.97	2	0	0	13	5	8
799+60	79960.00	5.00	2.20	0.00	6.01	1	0	1	14	6	8
799+65	79965.00	5.00	0.00	0.00	0.81	0	0	1	14	7	7
799+70	79970.00	5.00	0.00	0.00	0.00	0	0	0	14	7	7
799+75	79975.00	5.00	0.00	0.00	0.00	0	0	0	14	7	7
799+80	79980.00	5.00	0.00	0.00	0.00	0	0	0	14	7	7

EAST REGAL LN-FAGER LN NORTH

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
900+20	90020.00	0.00	1.39	0.00	0.00	0	0	0	0	0	0
900+25	90025.00	5.00	5.10	0.00	0.00	1	0	0	1	0	1
900+30	90030.00	5.00	7.51	0.00	0.00	1	0	0	2	0	2
900+35	90035.00	5.00	8.65	0.00	0.00	1	0	0	3	0	3
900+40	90040.00	5.00	7.71	0.00	3.27	2	0	0	5	0	4
900+45	90045.00	5.00	6.23	0.00	10.36	1	0	1	6	2	4
900+50	90050.00	5.00	4.77	0.00	20.59	1	0	3	7	6	2
900+55	90055.00	5.00	3.09	0.00	19.50	1	0	4	8	10	-2
900+60	90060.00	5.00	1.64	0.00	17.10	0	0	3	8	14	-6
900+65	90065.00	5.00	0.44	0.00	12.37	0	0	3	8	18	-9
900+70	90070.00	5.00	0.04	0.00	10.20	0	0	2	8	20	-12
900+75	90075.00	5.00	0.02	0.00	7.16	0	0	2	9	22	-14
900+80	90080.00	5.00	0.03	0.00	2.50	0	0	1	9	24	-15
900+85	90085.00	5.00	0.04	0.00	2.09	0	0	0	9	24	-16
900+90	90090.00	5.00	0.05	0.00	1.23	0	0	0	9	24	-16
900+95	90095.00	5.00	0.06	0.00	0.40	0	0	0	9	25	-16
901+00	90100.00	5.00	0.09	0.00	0.05	0	0	0	9	25	-16
901+05	90105.00	5.00	0.28	0.00	0.00	0	0	0	9	25	-16
901+10	90110.00	5.00	0.67	0.00	0.00	0	0	0	9	25	-16
901+15	90115.00	5.00	1.39	0.00	0.00	0	0	0	9	25	-16
901+20	90120.00	5.00	2.31	0.00	0.00	0	0	0	9	25	-16
901+21.88	90121.88	1.88	3.23	0.00	0.00	0	0	0	9	25	-15

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

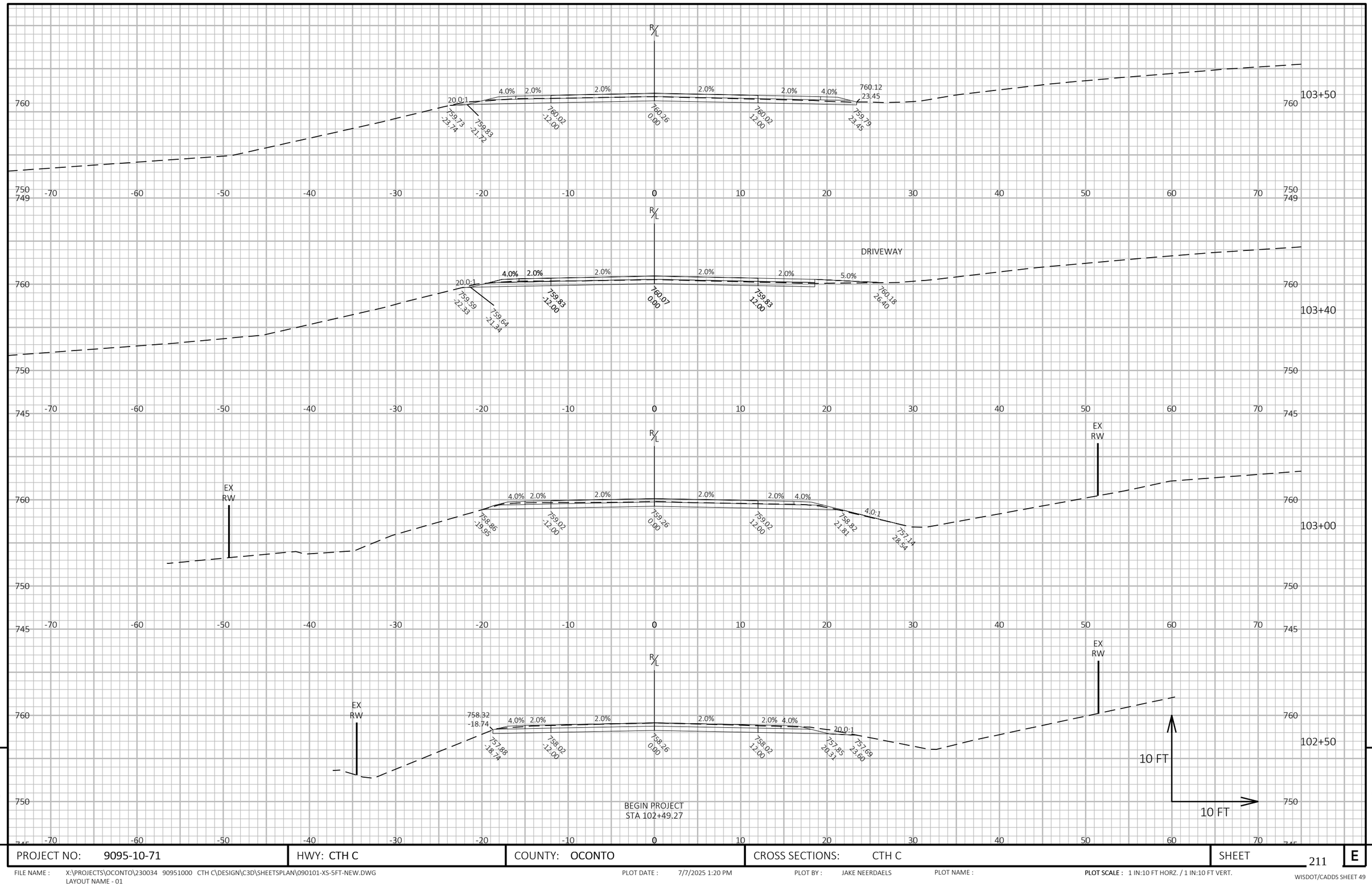
WEST REGAL LN-FAGER LN NORTH

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
898+78.12	89878.12	0.00	0.00	0.00	0.00	0	0	0	0	0	0
898+80	89880.00	1.88	5.16	0.00	0.00	0	0	0	0	0	0
898+85	89885.00	5.00	4.84	0.00	0.04	1	0	0	1	0	1
898+90	89890.00	5.00	4.34	0.00	0.23	1	0	0	2	0	2
898+95	89895.00	5.00	3.70	0.00	0.09	1	0	0	3	0	3
899+00	89900.00	5.00	3.17	0.00	0.01	1	0	0	3	0	3
899+05	89905.00	5.00	2.64	0.00	0.08	1	0	0	4	0	4
899+10	89910.00	5.00	2.10	0.00	0.23	0	0	0	4	0	4
899+15	89915.00	5.00	1.53	0.00	0.47	0	0	0	5	0	4
899+20	89920.00	5.00	0.96	0.00	0.79	0	0	0	5	0	5
899+25	89925.00	5.00	0.32	0.00	1.56	0	0	0	5	1	4
899+30	89930.00	5.00	0.00	0.00	3.85	0	0	1	5	1	4
899+35	89935.00	5.00	0.00	0.00	5.11	0	0	1	5	2	3
899+40	89940.00	5.00	0.00	0.00	7.03	0	0	1	5	4	1
899+45	89945.00	5.00	0.16	0.00	10.65	0	0	2	5	6	-1
899+50	89950.00	5.00	0.00	0.00	13.61	0	0	2	5	9	-3
899+55	89955.00	5.00	0.00	0.00	12.85	0	0	2	5	12	-7
899+60	89960.00	5.00	0.00	0.00	0.08	0	0	1	5	13	-8
899+65	89965.00	5.00	0.00	0.00	0.00	0	0	0	5	13	-8
899+70	89970.00	5.00	0.00	0.00	0.00	0	0	0	5	13	-8
899+75	89975.00	5.00	0.00	0.00	0.00	0	0	0	5	13	-8
899+80	89980.00	5.00	0.00	0.00	0.00	0	0	0	5	13	-8

SAINDON RD

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)		
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
						NOTE 1	NOTE 2	NOTE 3	NOTE 1		NOTE 8
1000+20	100020.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0
1000+25	100025.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
1000+30	100030.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
1000+35	100035.00	5.00	0.00	0.00	0.00	0	0	0	0	0	0
1000+40	100040.00	5.00	0.00	0.00	2.07	0	0	0	0	0	0
1000+45	100045.00	5.00	0.00	0.00	22.72	0	0	2	0	3	-3
1000+50	100050.00	5.00	0.02	0.00	33.46	0	0	5	0	10	-10
1000+55	100055.00	5.00	0.03	0.00	26.70	0	0	6	0	17	-17
1000+60	100060.00	5.00	0.00	0.00	18.68	0	0	4	0	22	-22
1000+65	100065.00	5.00	0.00	0.00	13.39	0	0	3	0	26	-26
1000+70	100070.00	5.00	0.00	0.00	10.30	0	0	2	0	28	-28
1000+75	100075.00	5.00	0.01	0.00	4.47	0	0	1	0	30	-30
1000+80	100080.00	5.00	0.01	0.00	0.01	0	0	0	0	31	-30
1000+85	100085.00	5.00	0.46	0.00	0.00	0	0	0	0	31	-30
1000+90	100090.00	5.00	1.48	0.00	0.00	0	0	0	0	31	-30
1000+95	100095.00	5.00	3.32	0.00	0.00	0	0	0	1	31	-30
1001+00	100100.00	5.00	6.10	0.00	0.00	1	0	0	2	31	-29
1001+03.16	100103.16	3.16	0.00	0.00	0.00	0	0	0	2	31	-29

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]



9

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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 211	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 01

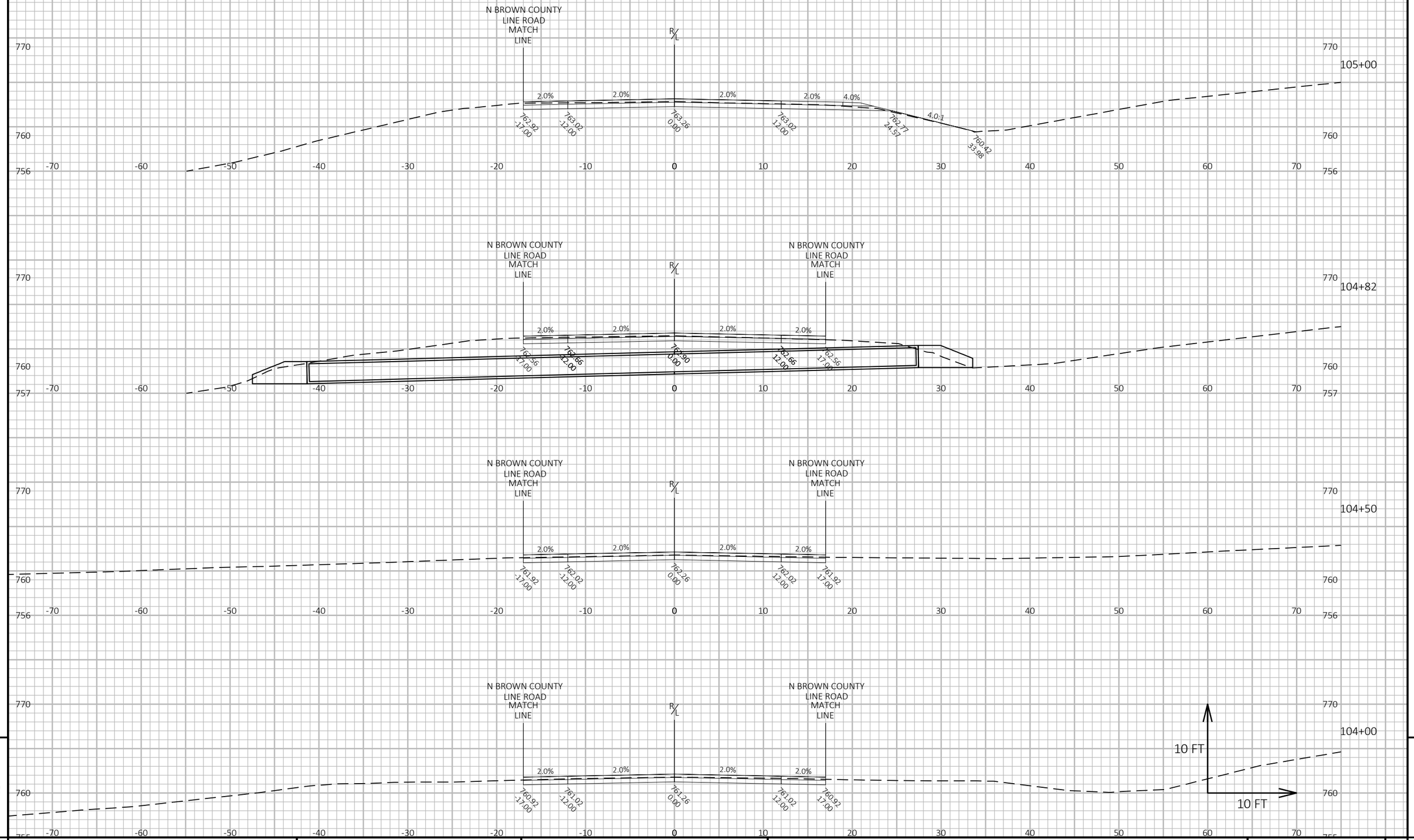
PLOT DATE : 7/7/2025 1:20 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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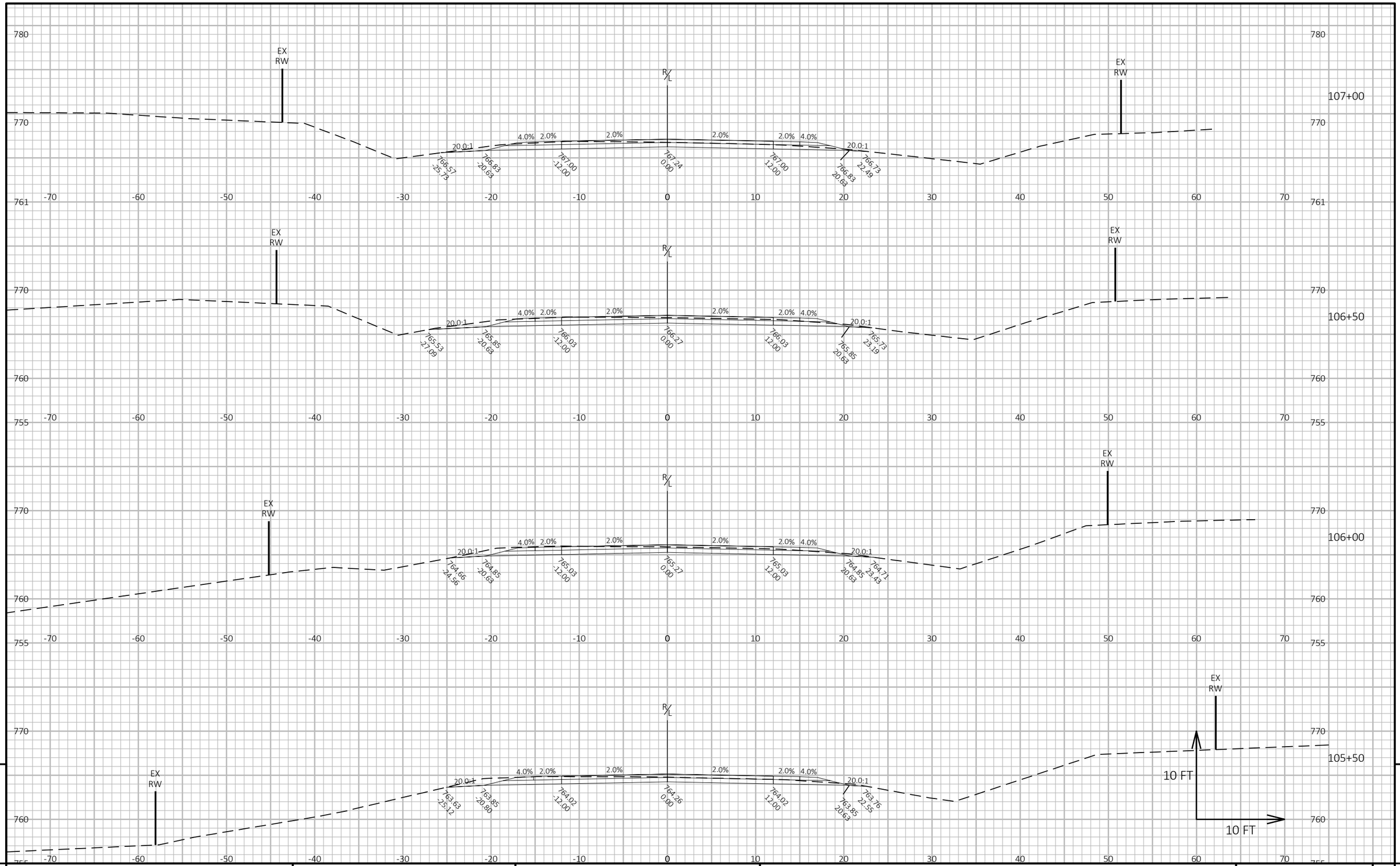
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 212	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 02

PLOT DATE : 7/7/2025 2:02 PM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

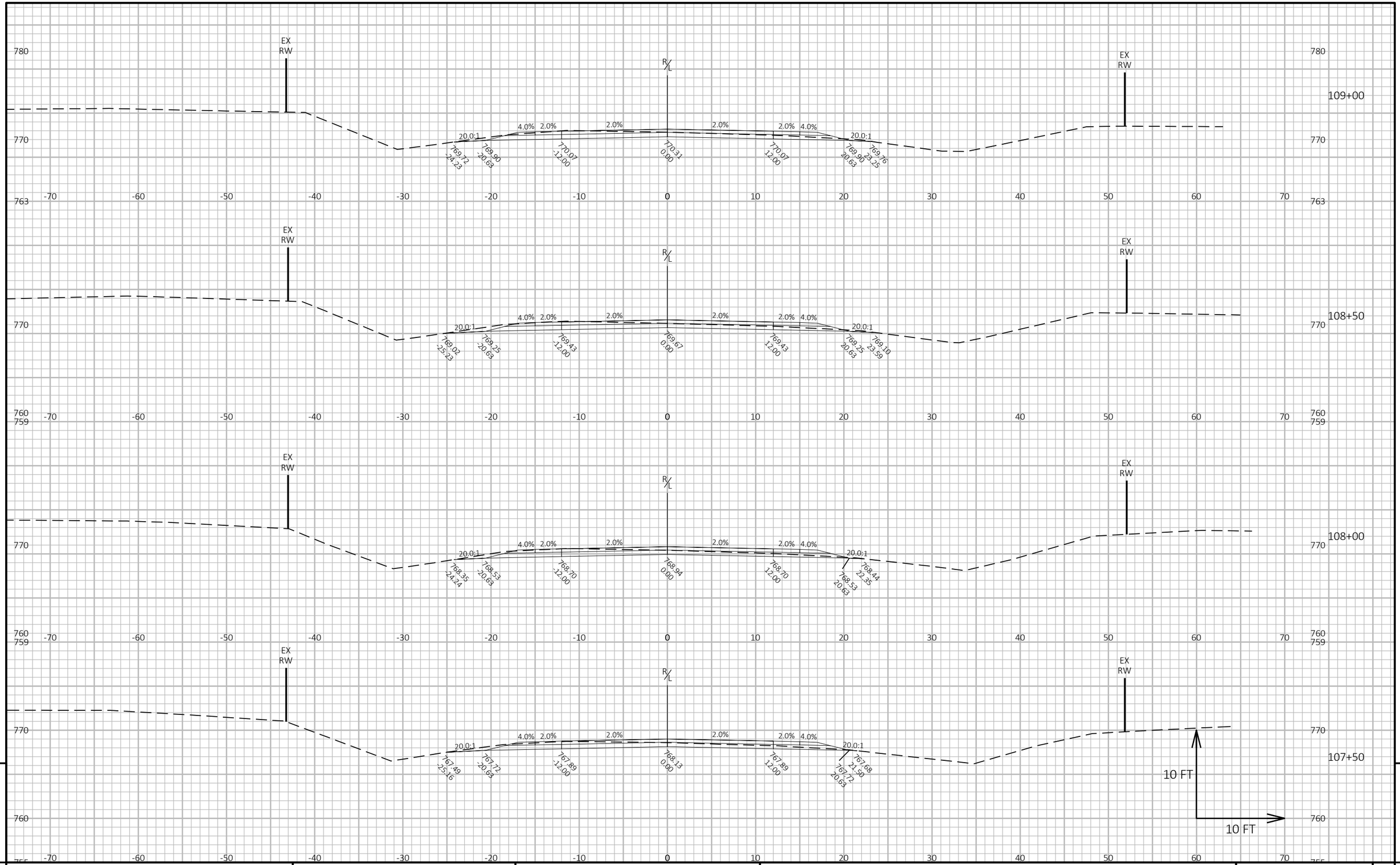


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 213 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 03

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 214	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 04

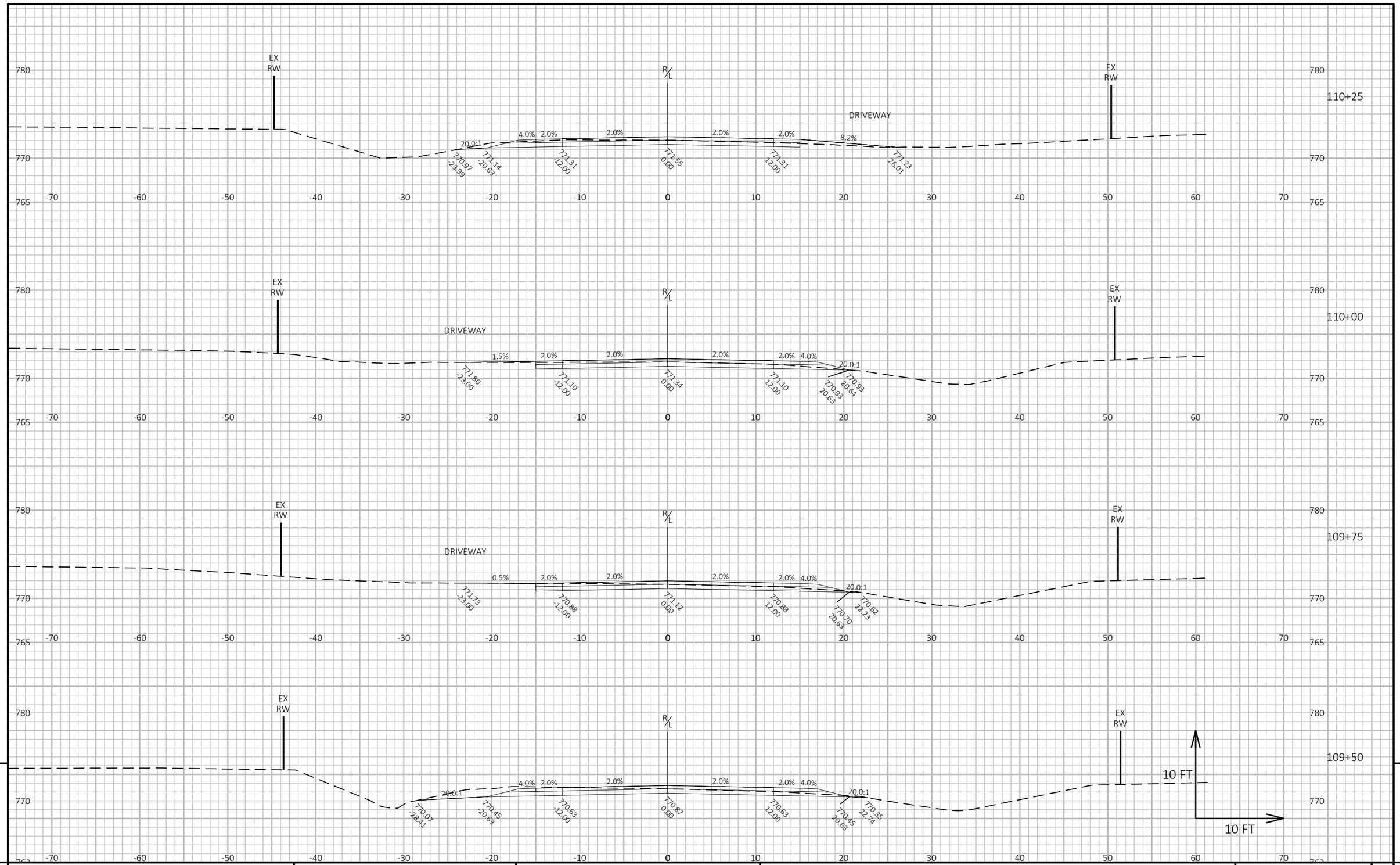
PLOT DATE : 7/7/2025 1:21 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 215	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 05

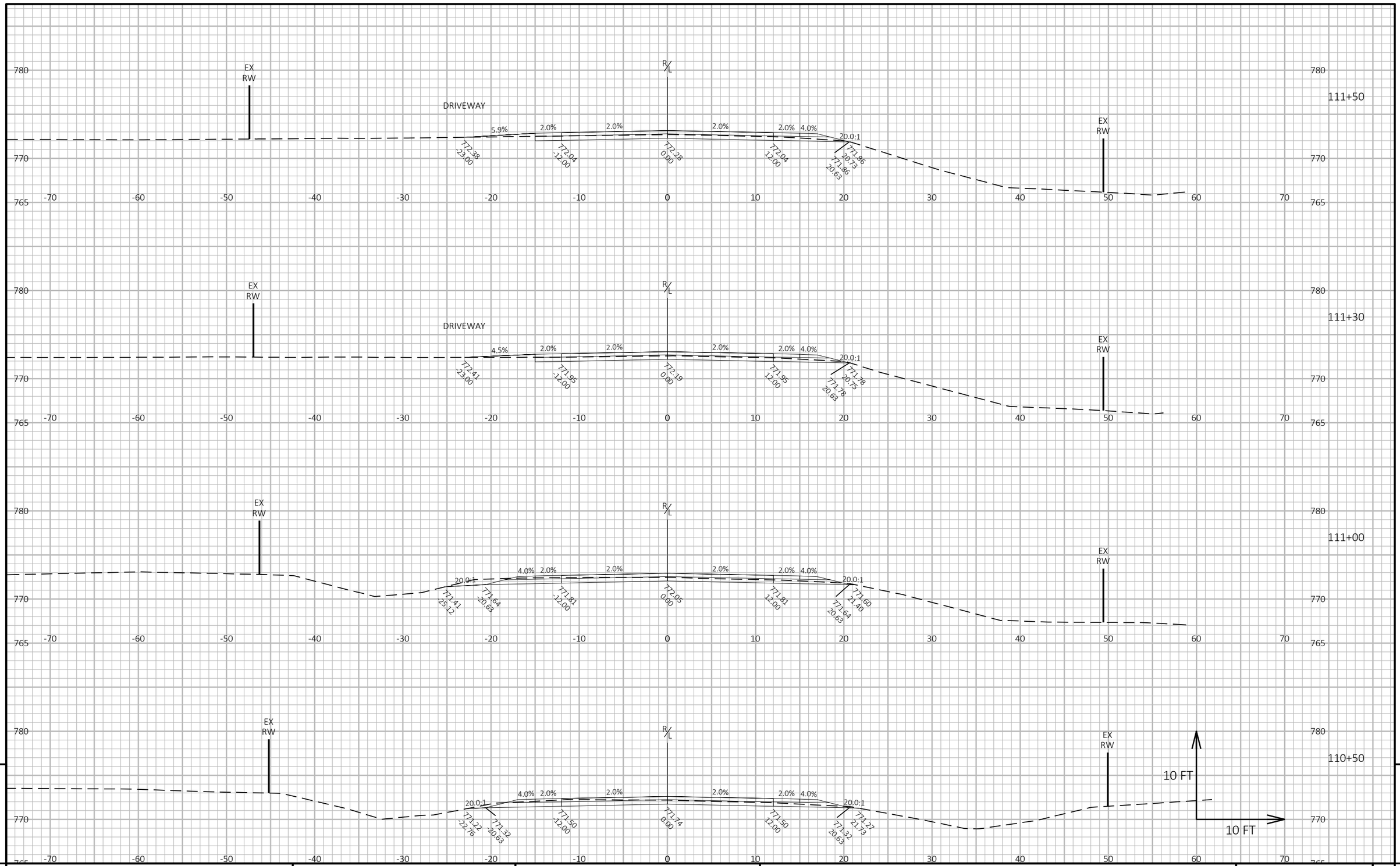
PLOT DATE : 7/7/2025 1:21 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



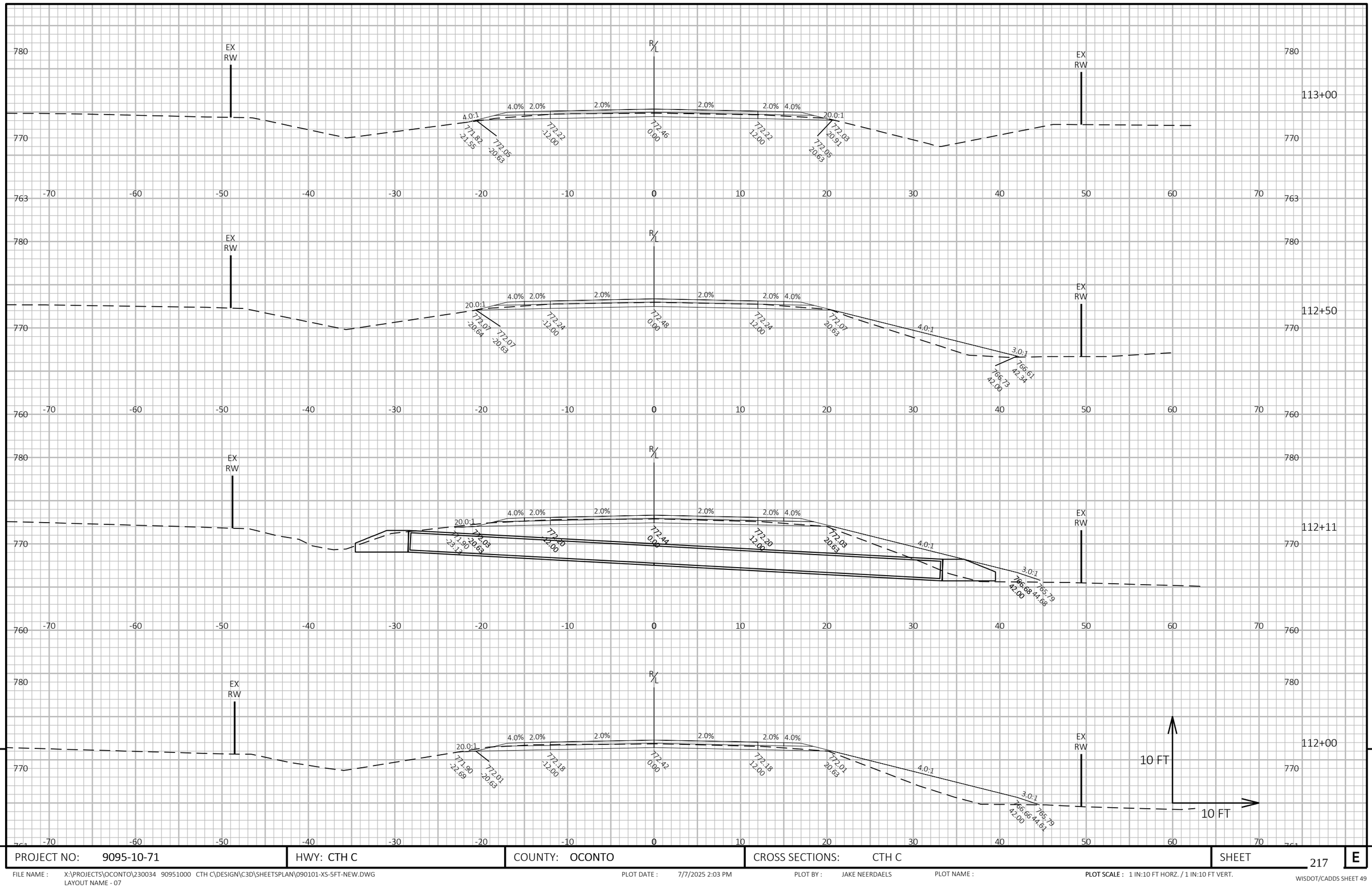
9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 216	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 06

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

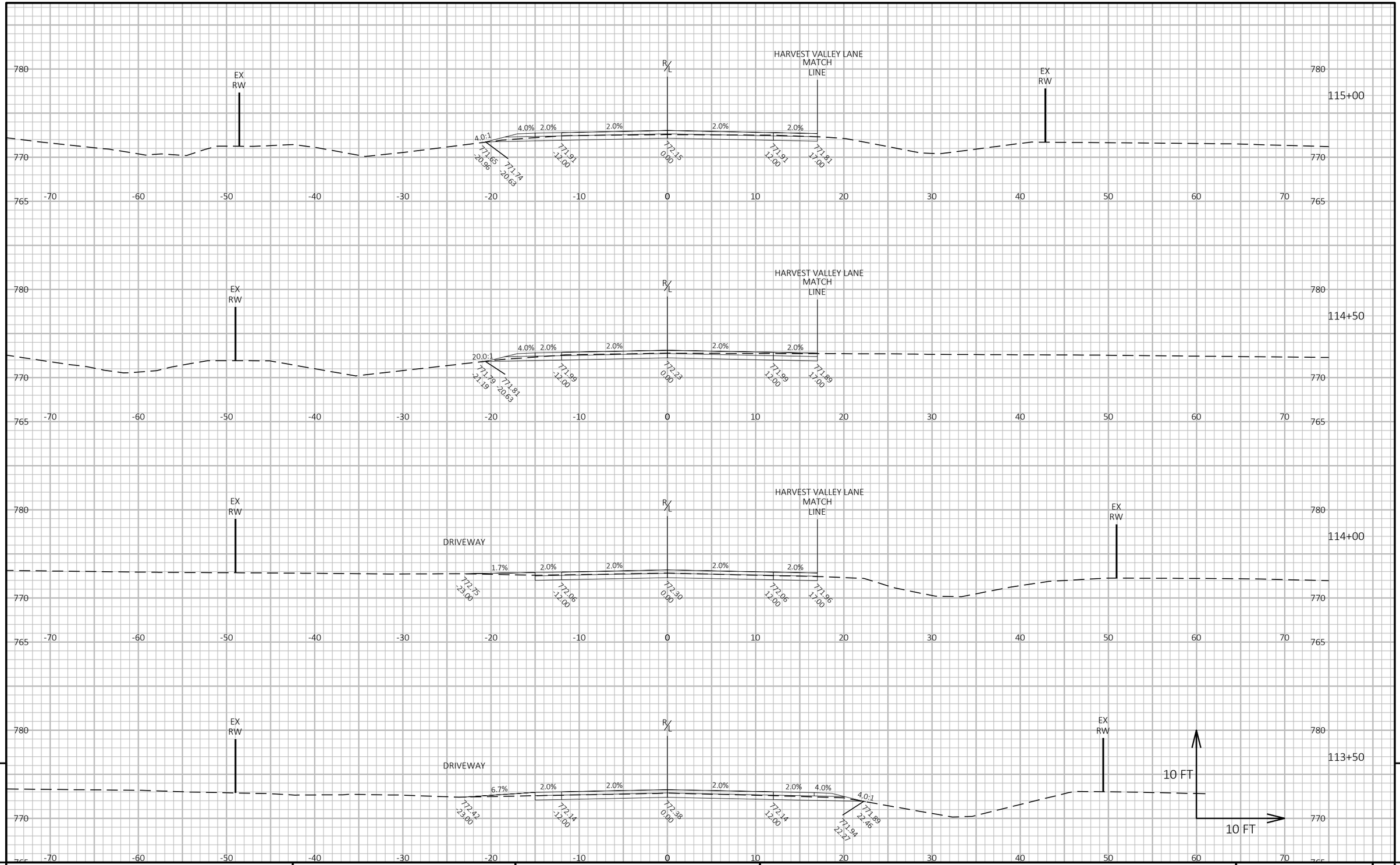


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 217 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 07

PLOT DATE : 7/7/2025 2:03 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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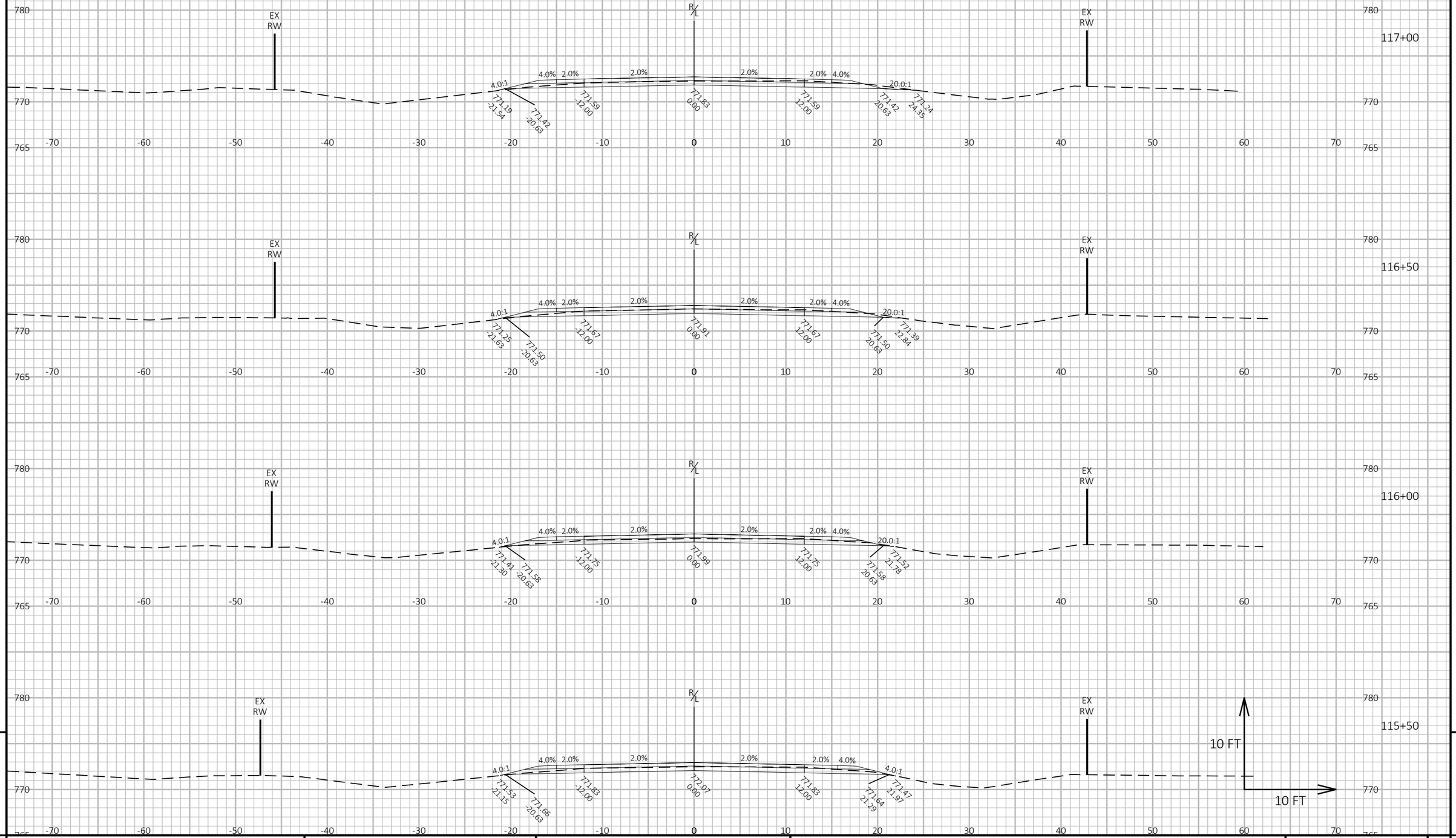
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 218	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 08

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 219	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 09

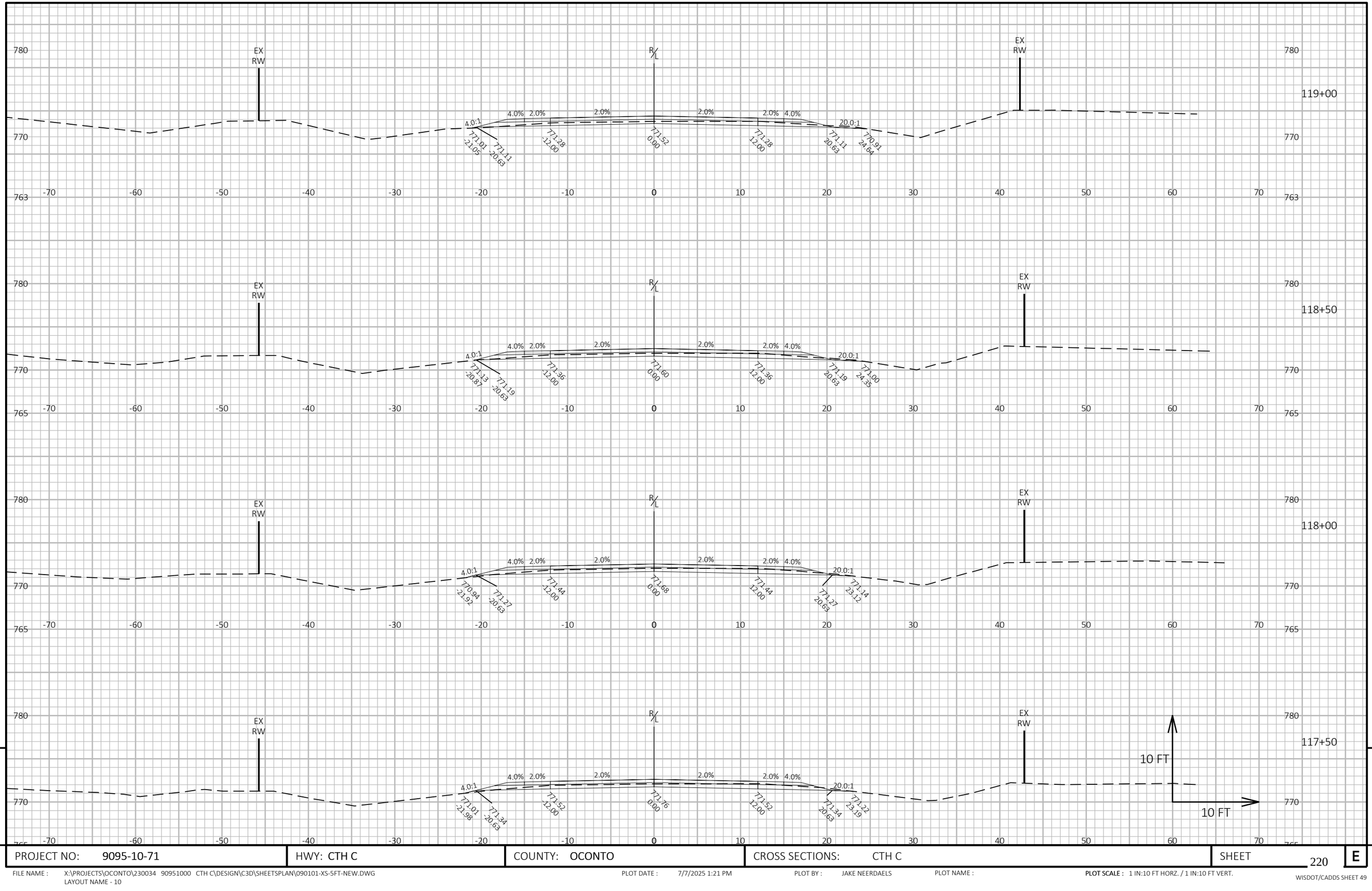
PLOT DATE : 7/7/2025 1:21 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

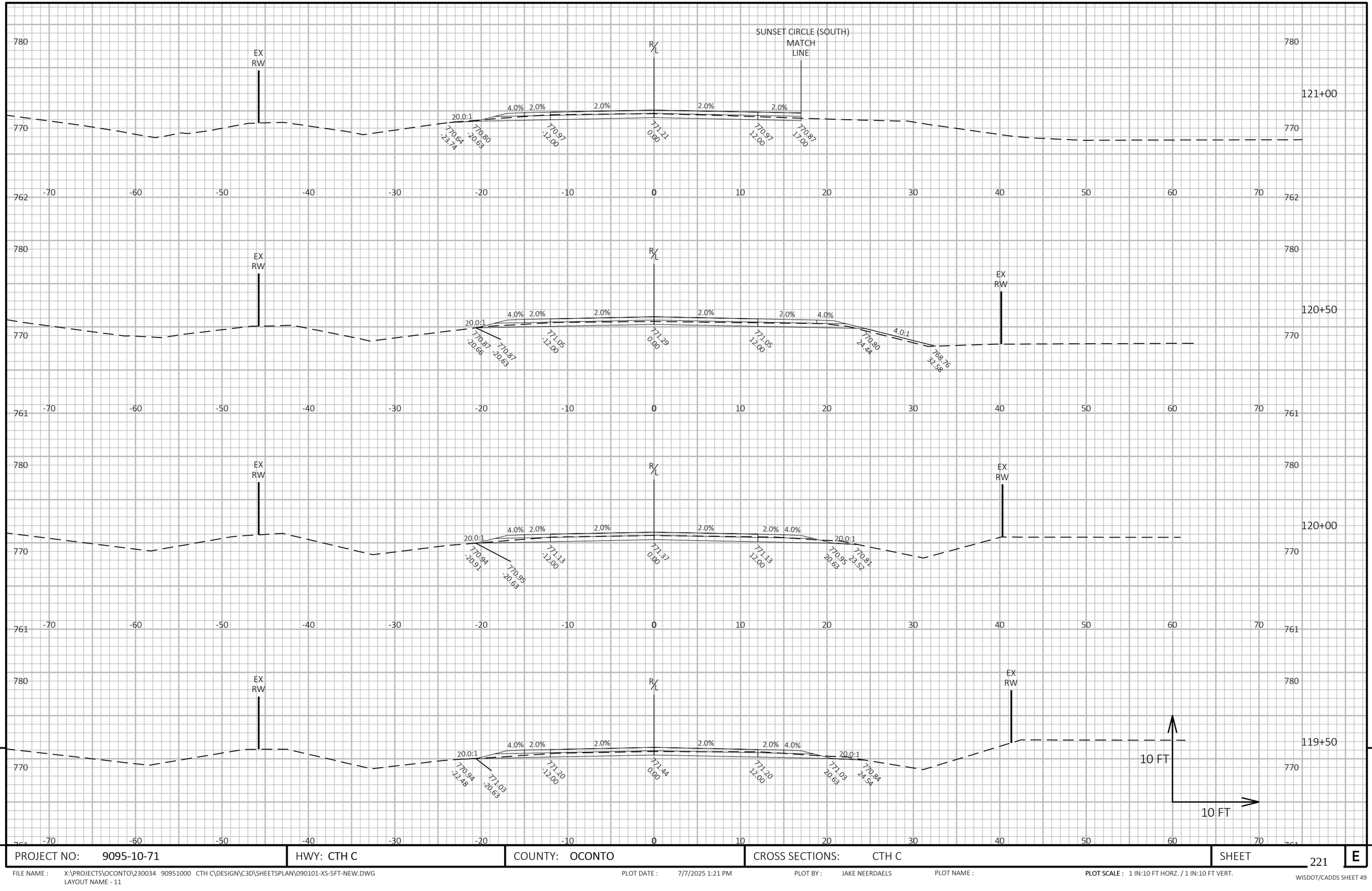


9 9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 220	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 10

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 221	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 11

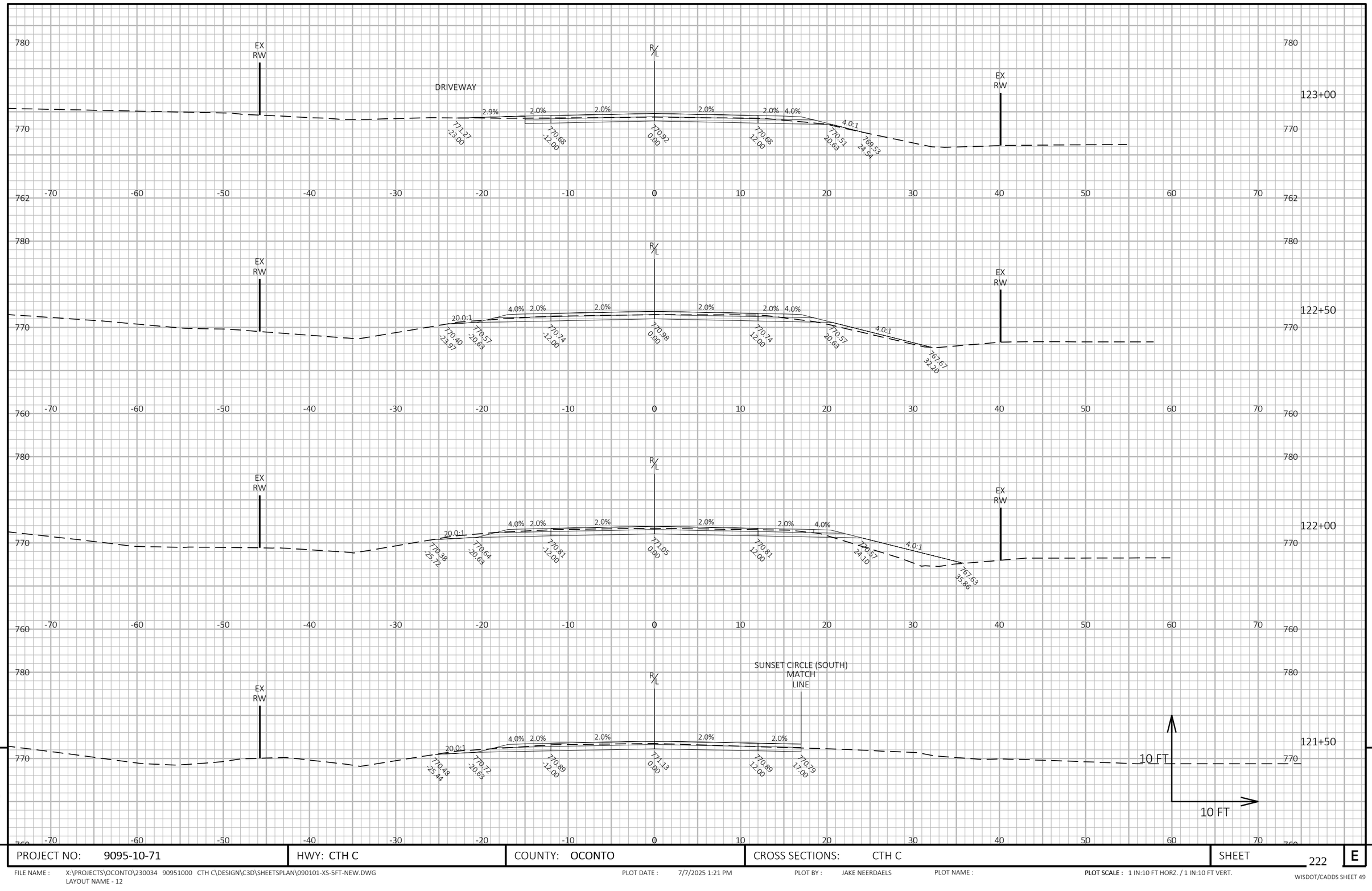
PLOT DATE : 7/7/2025 1:21 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

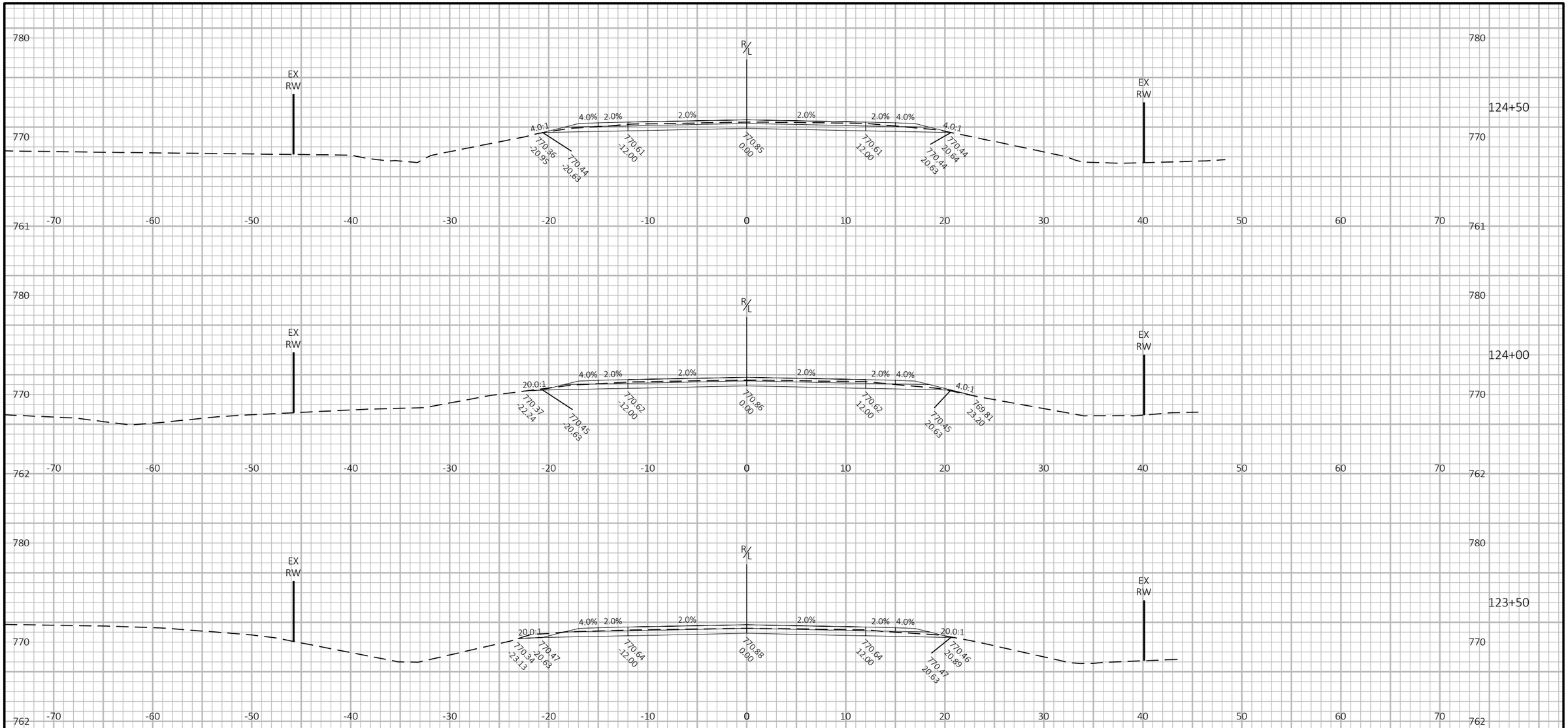


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 222 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 12

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

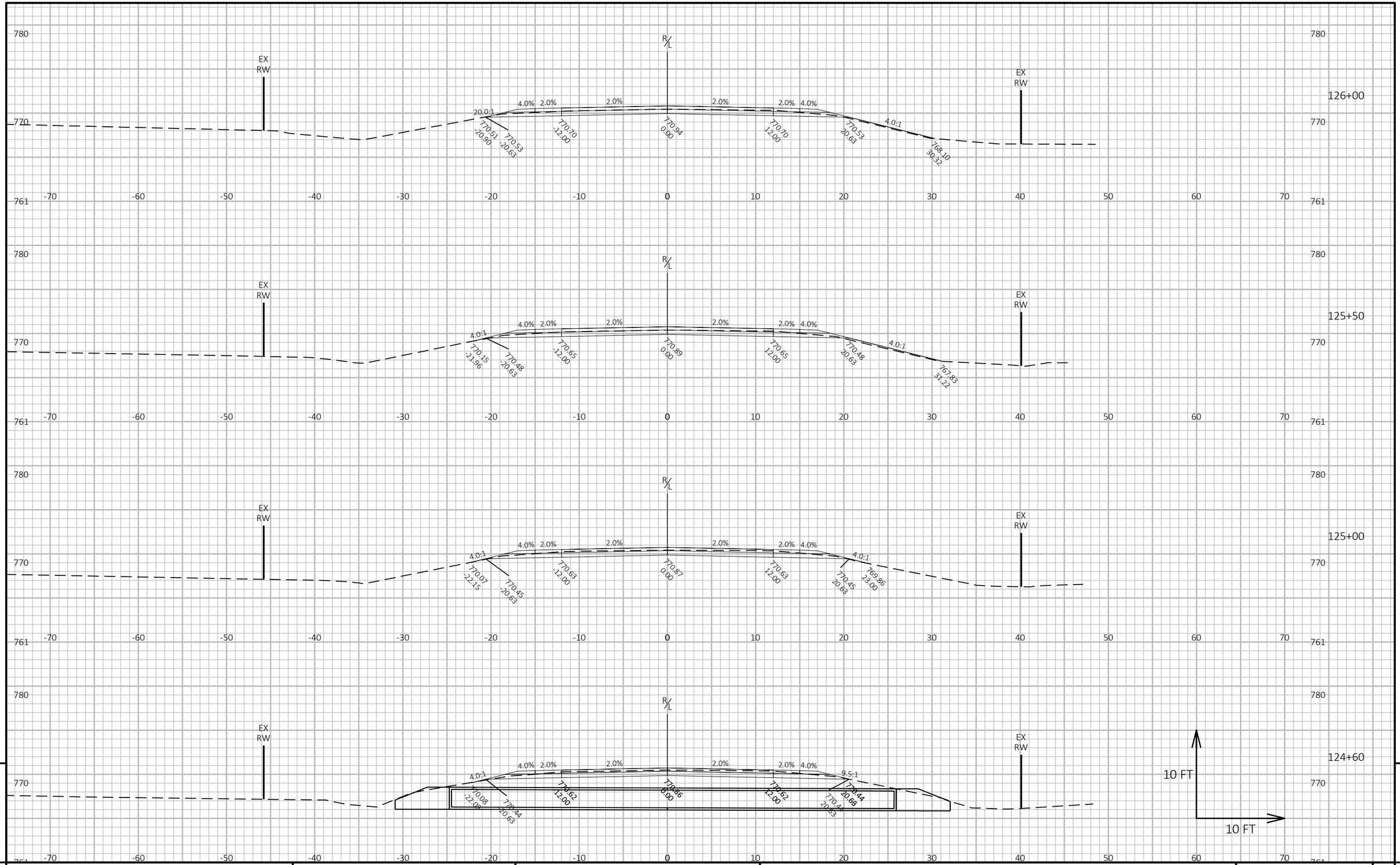
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 223	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 13

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

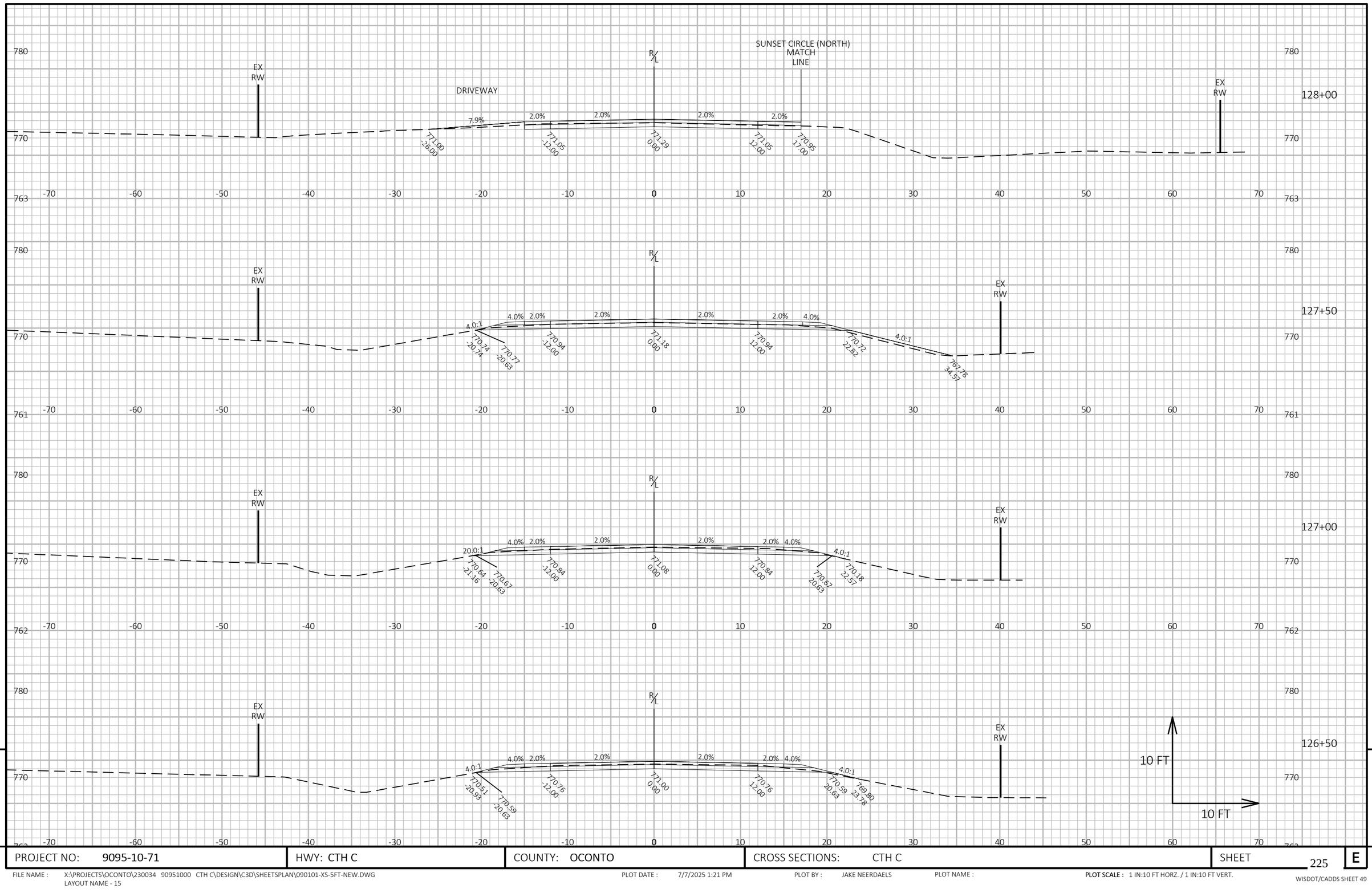
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 224	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 14

PLOT DATE : 7/7/2025 2:04 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

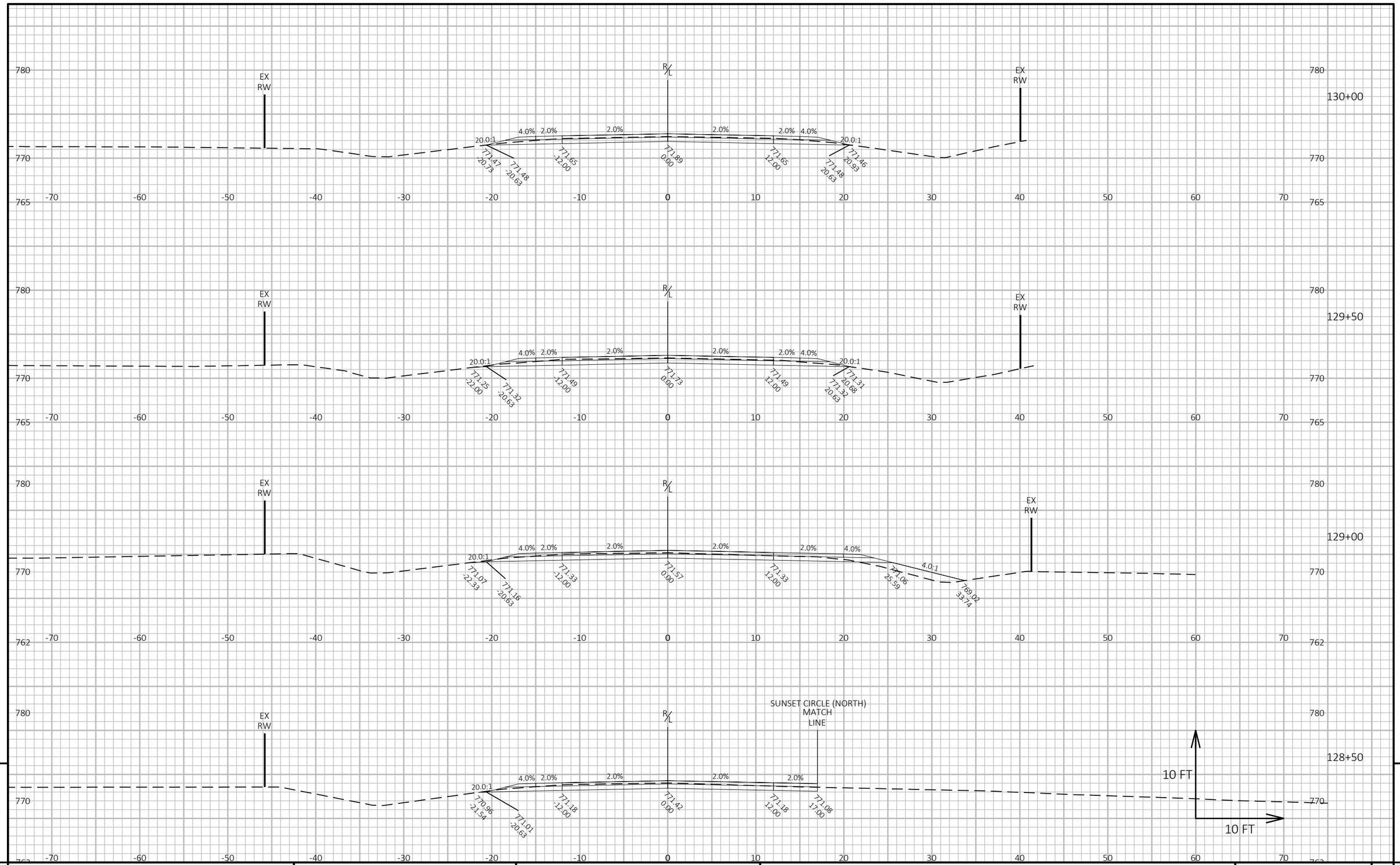


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 225	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 15

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

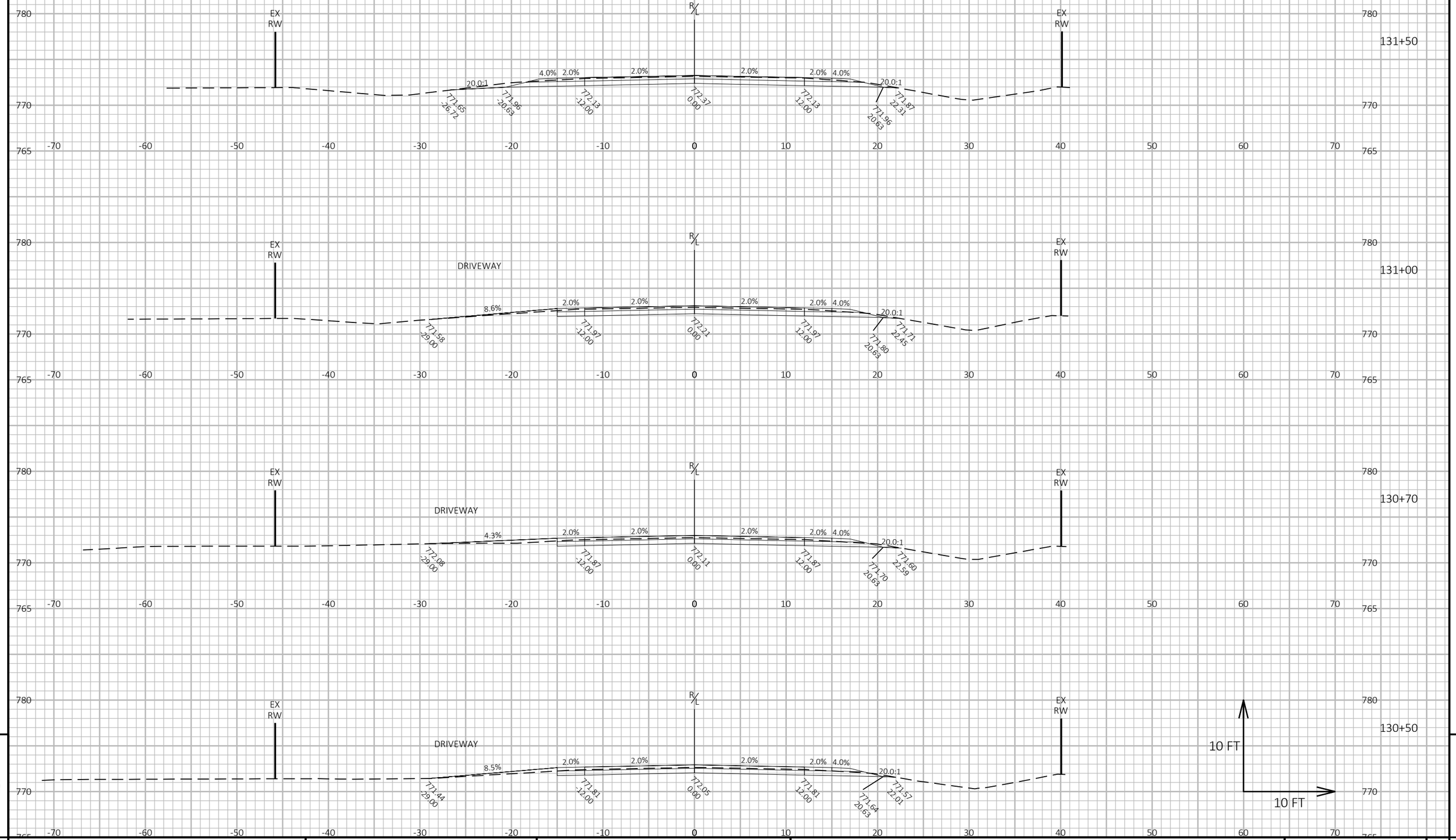
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 226	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 16

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

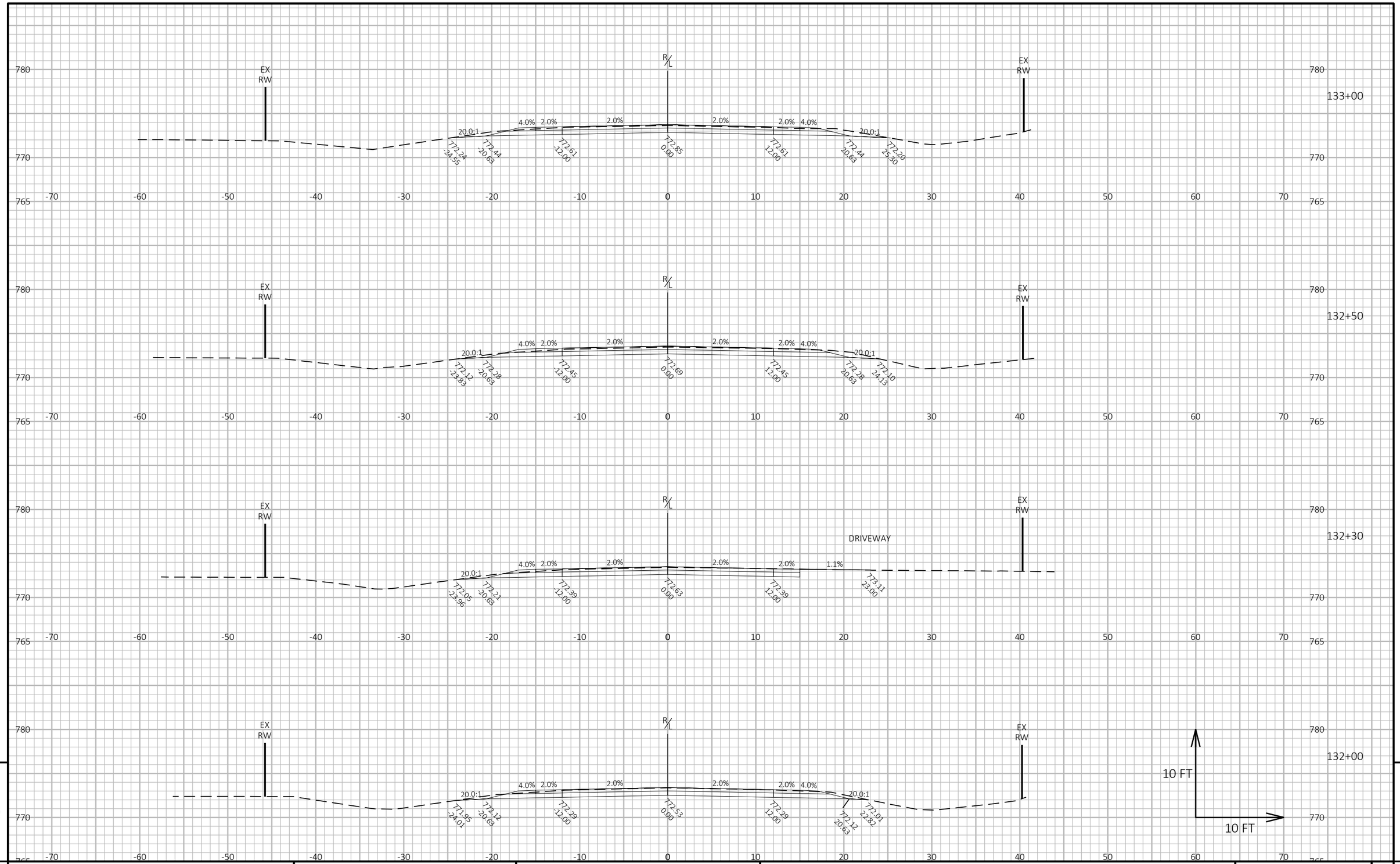


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 227 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 17

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

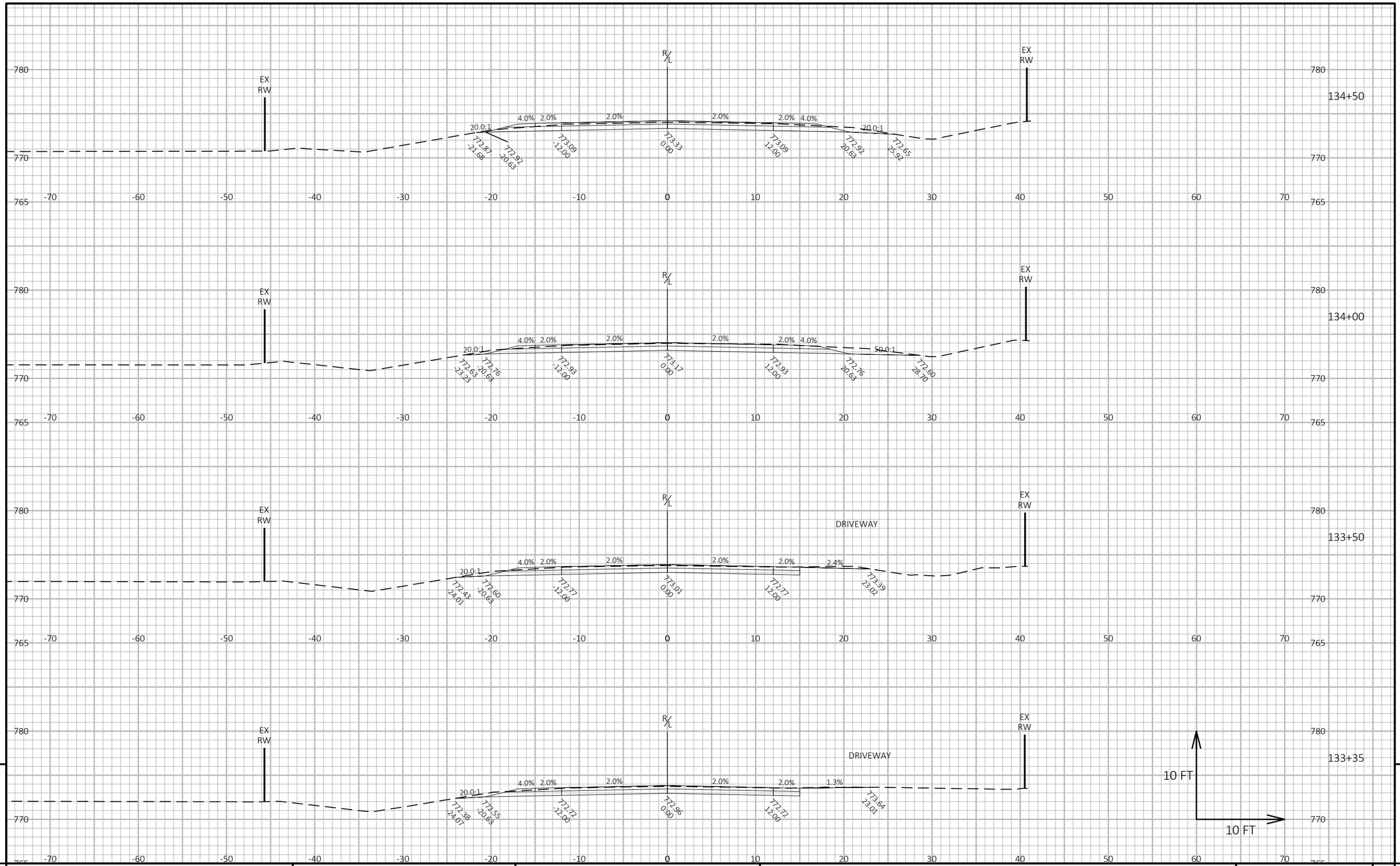
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 228	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 18

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



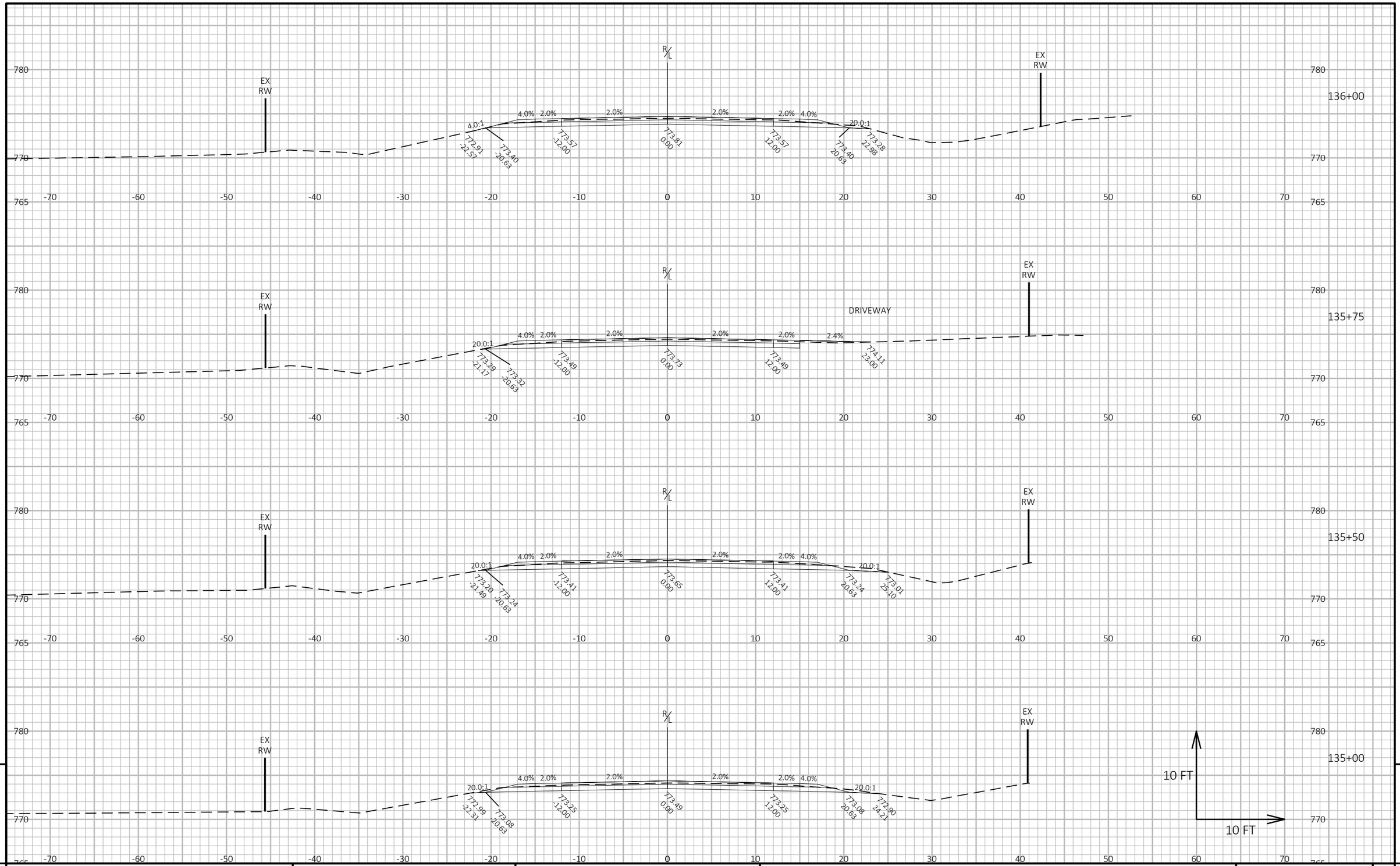
9 9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 229	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 19

PLOT DATE : 7/7/2025 1:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 230	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 20

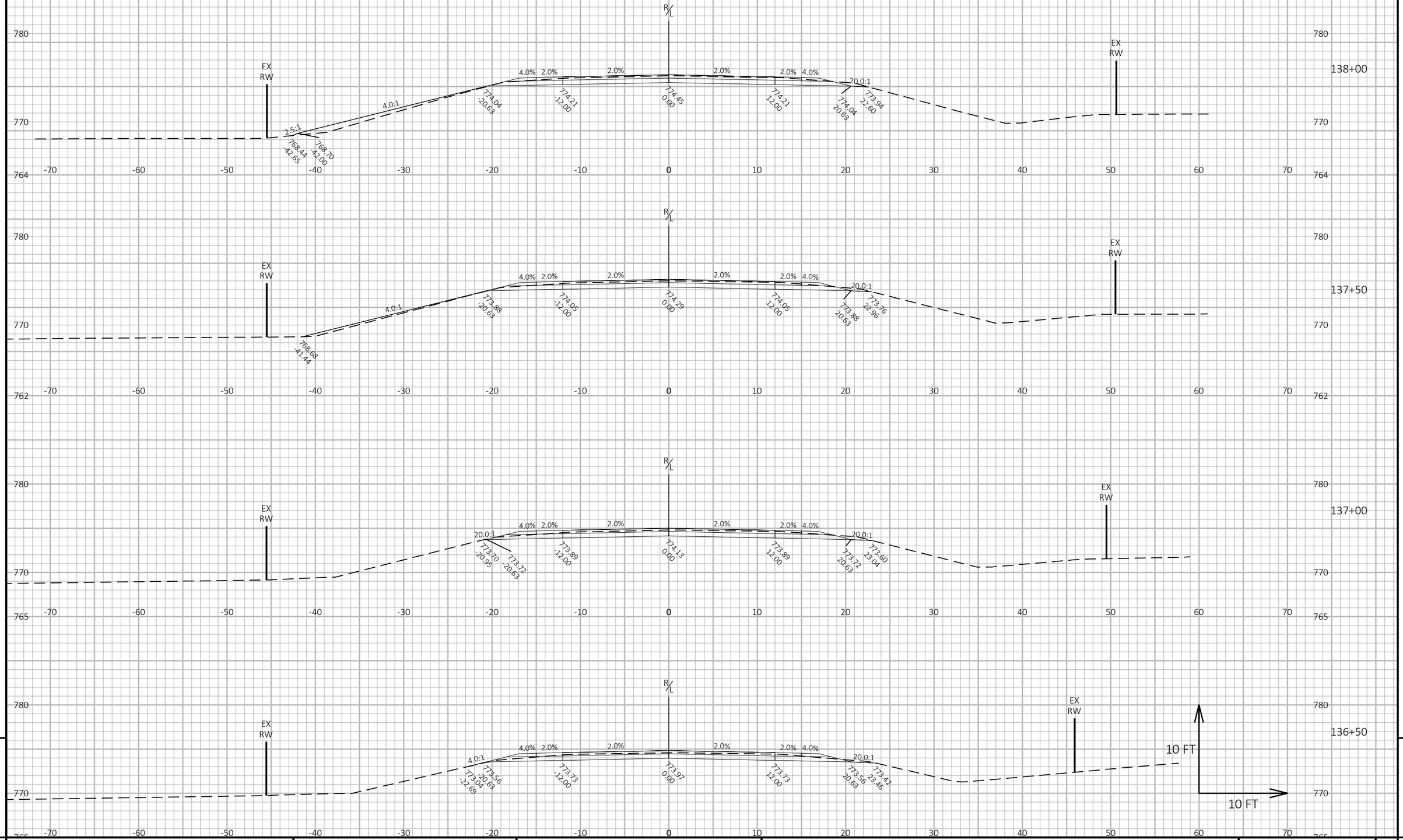
PLOT DATE : 7/7/2025 1:21 PM

PLOT BY : JAKE NEERDAELS

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: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 231	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 21

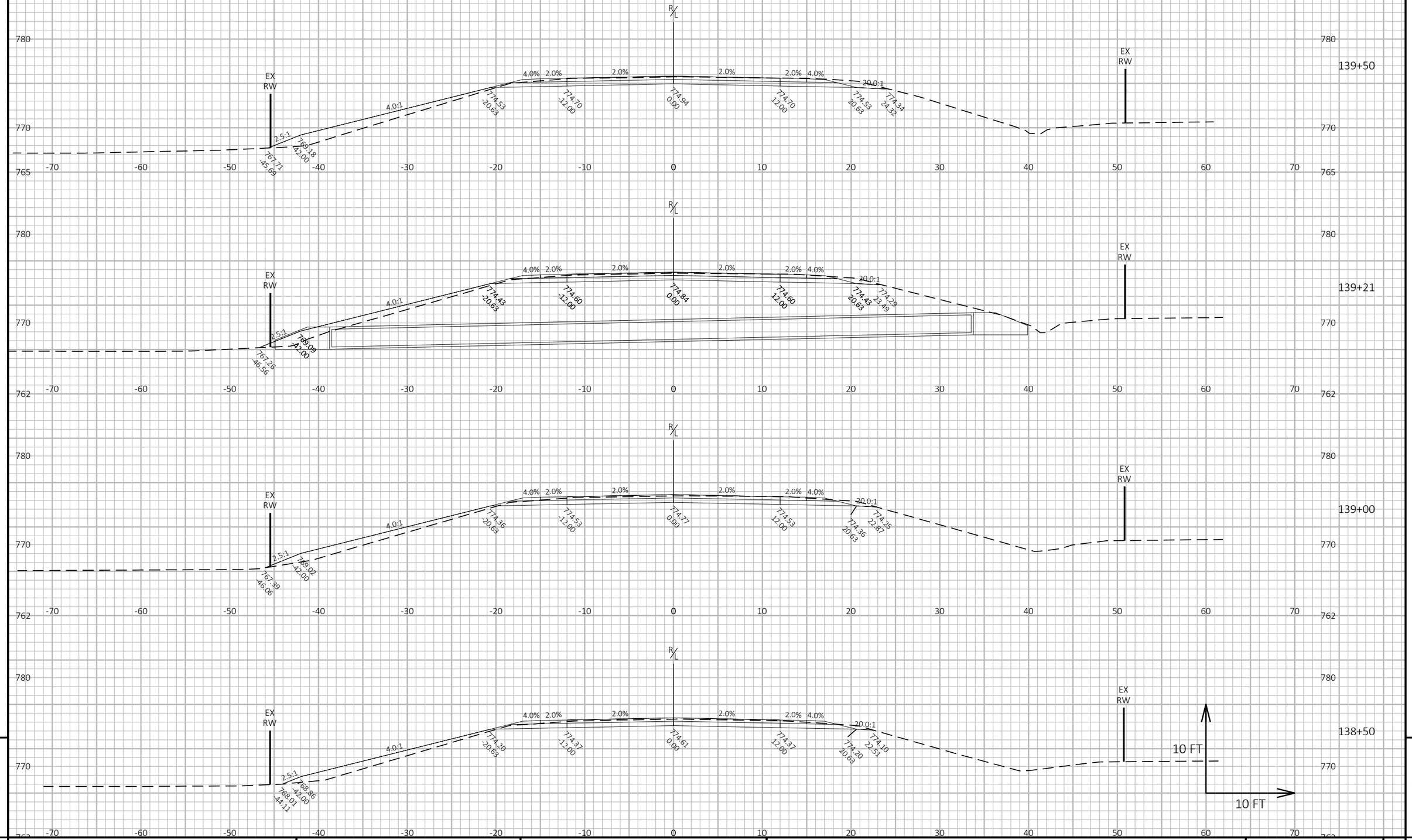
PLOT DATE : 7/7/2025 1:21 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

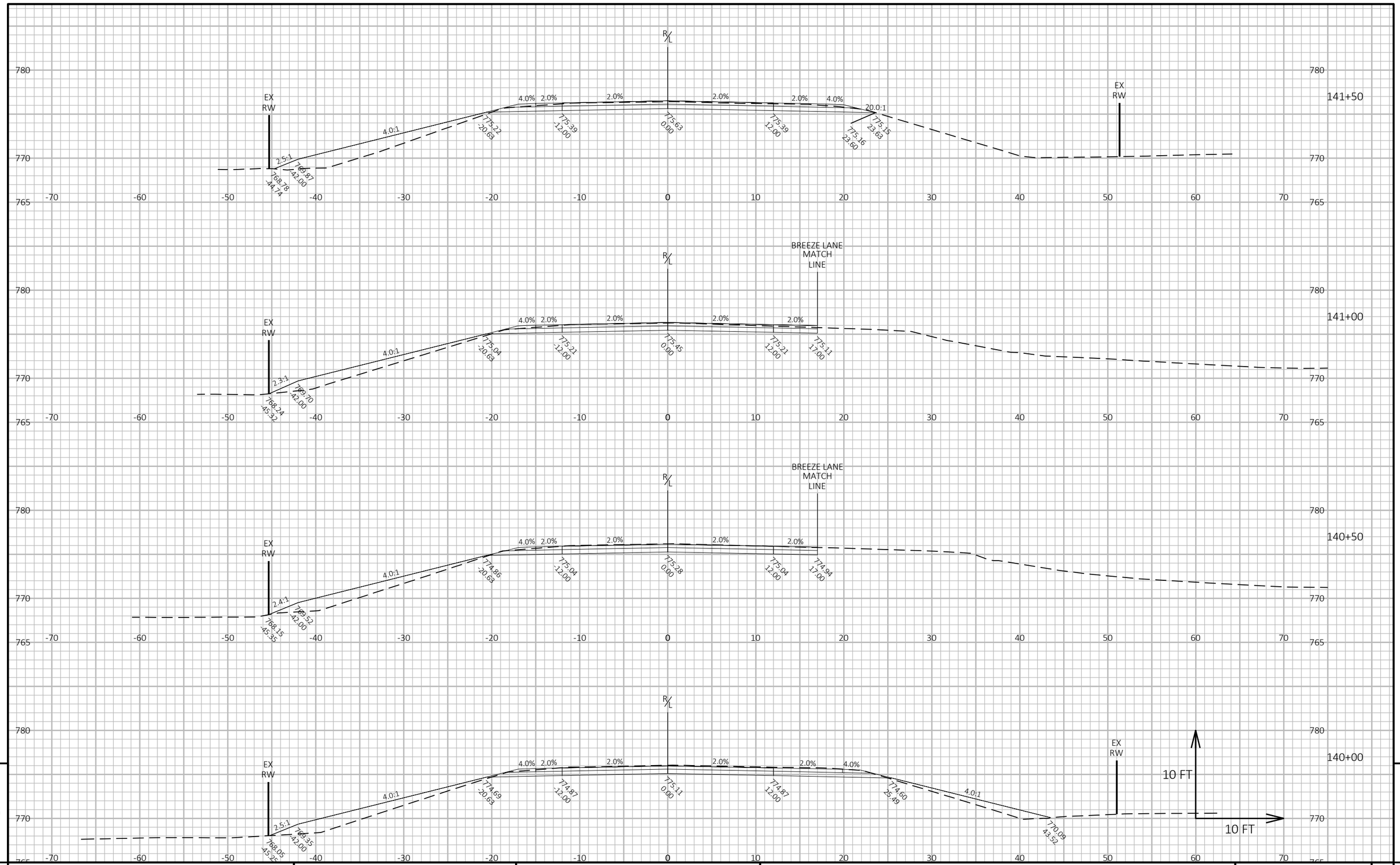


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 232 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 22

PLOT DATE : 7/7/2025 2:09 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

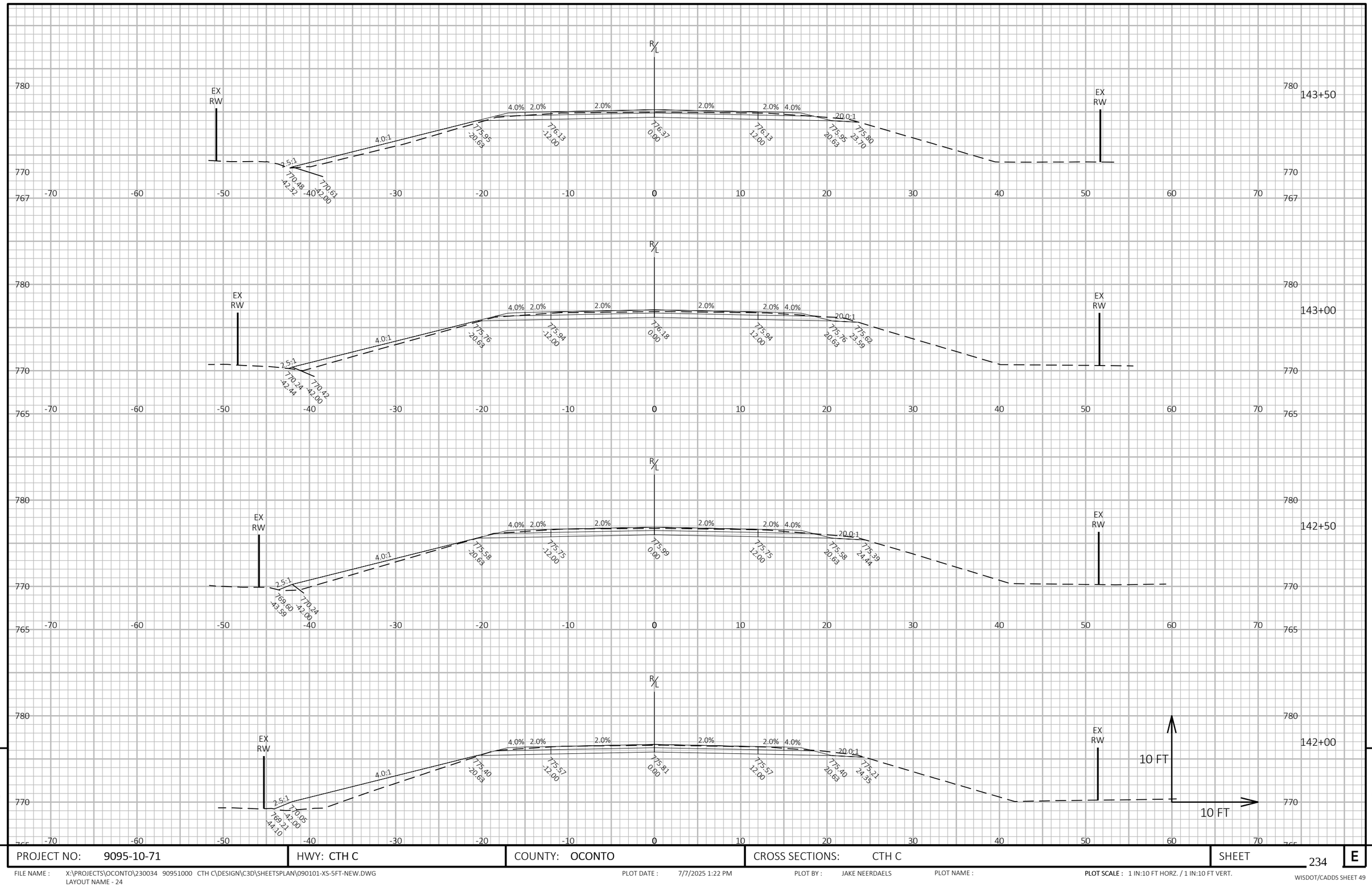
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 233	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 23

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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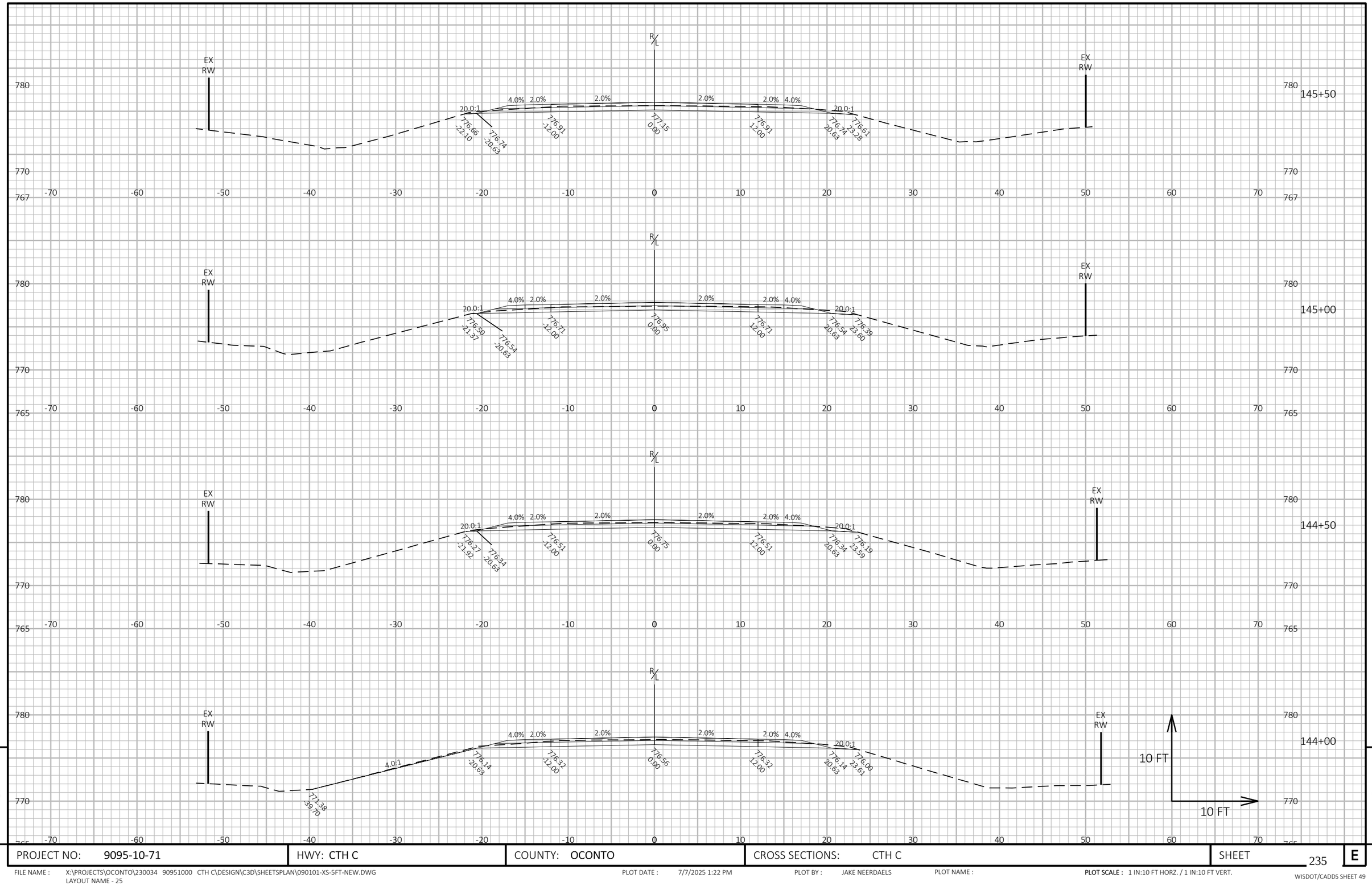
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 234	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 24

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

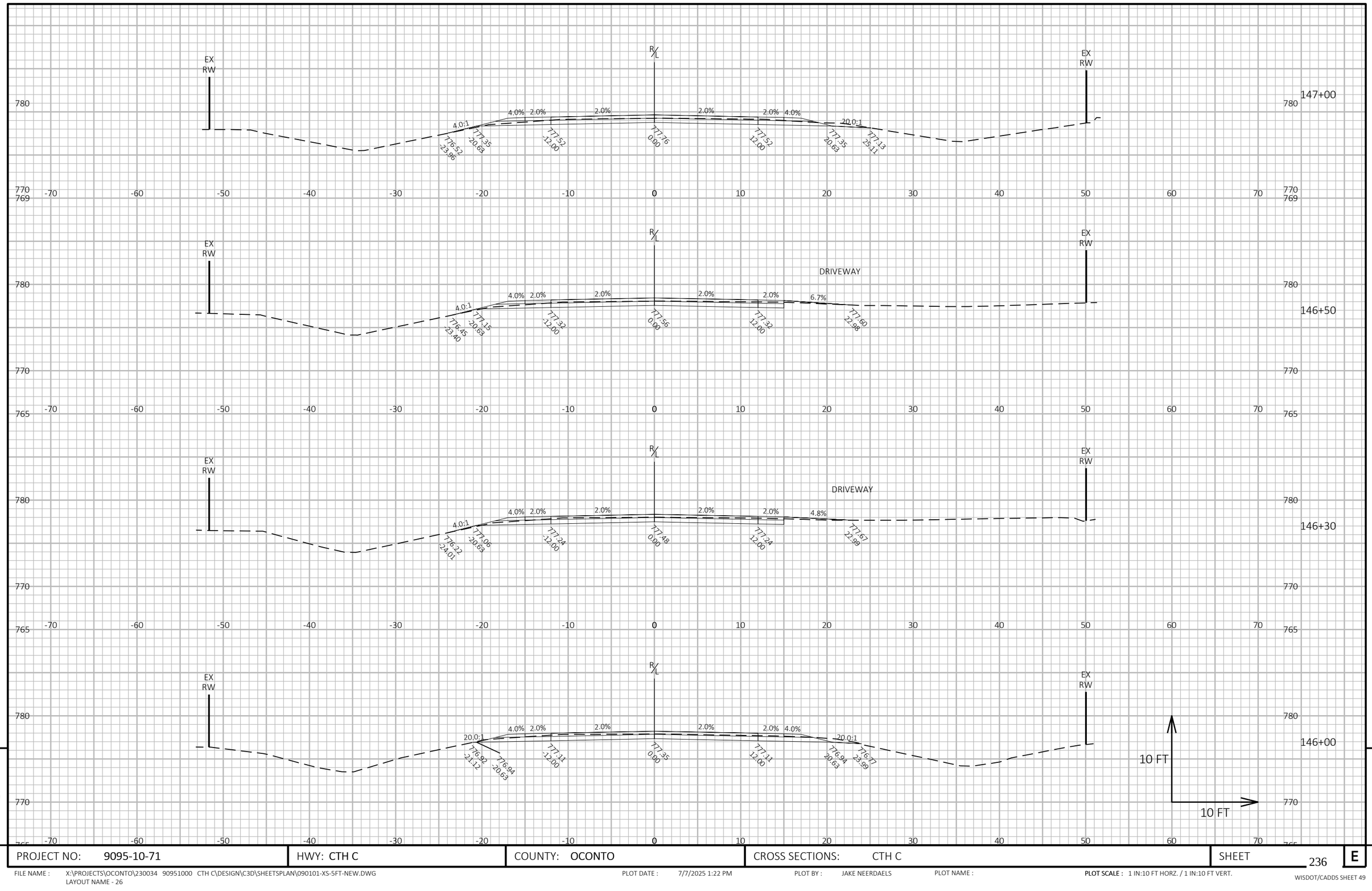


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 235 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 25

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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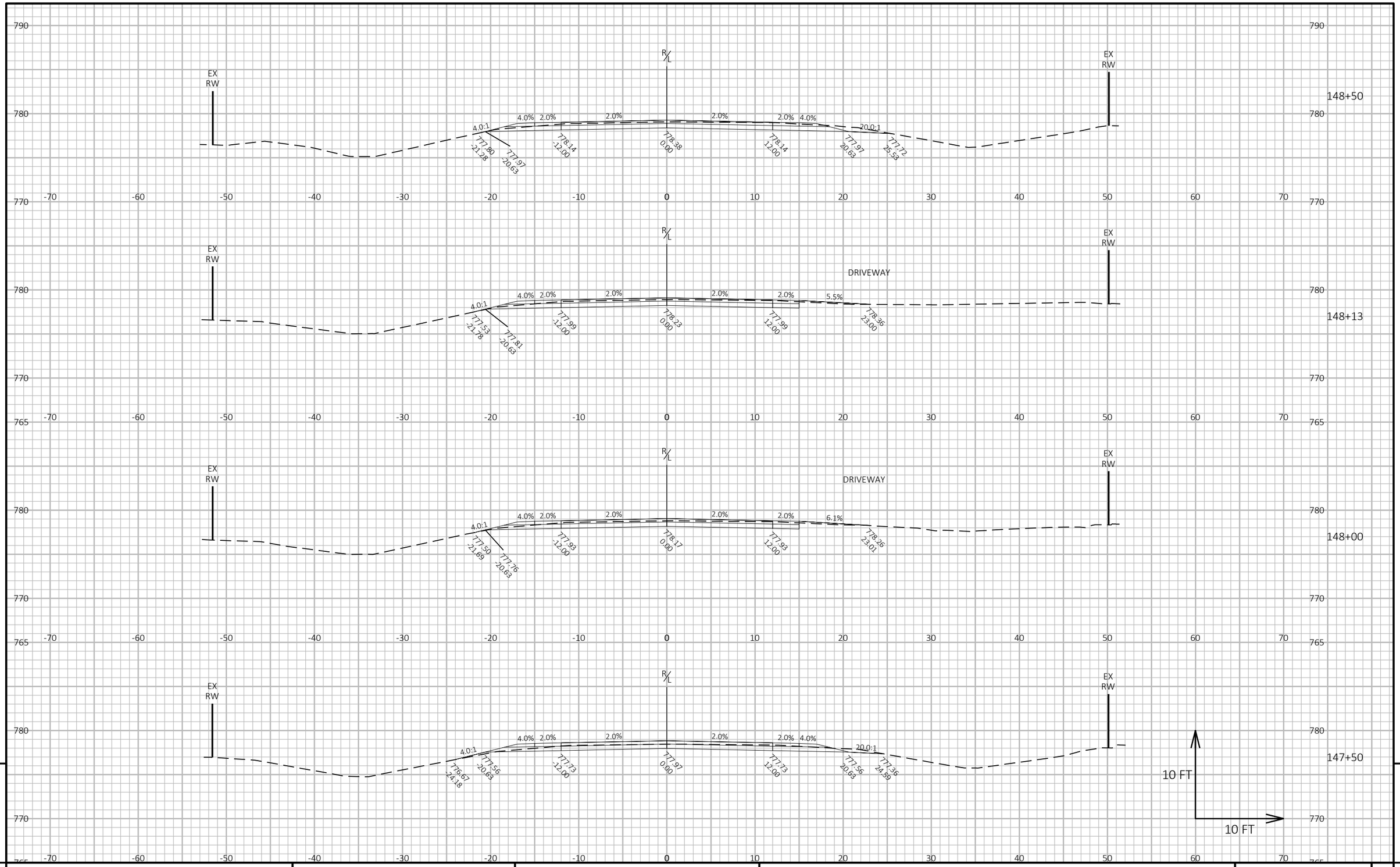
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 236	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 26

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 237	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 27

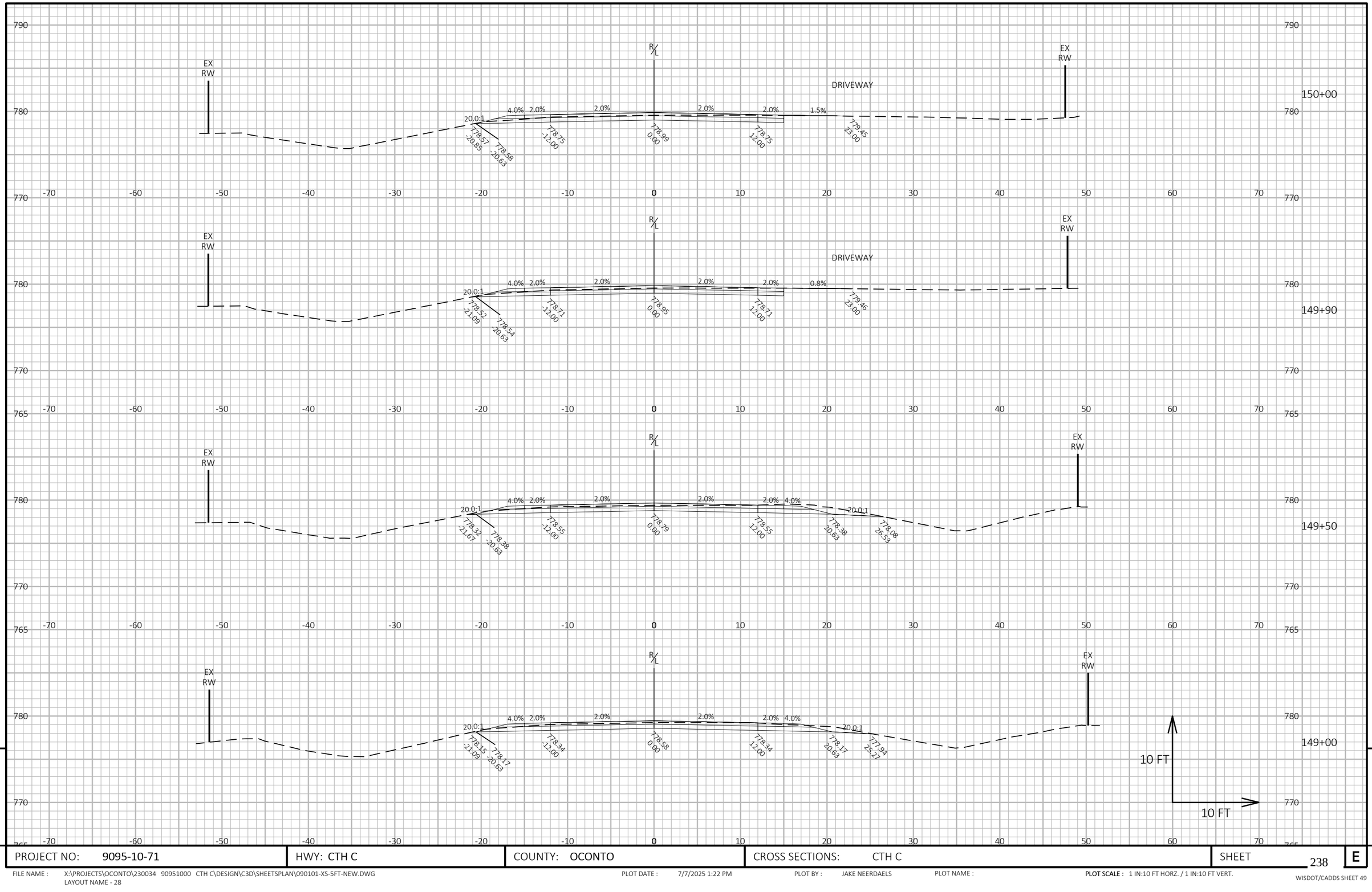
PLOT DATE : 7/7/2025 1:22 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

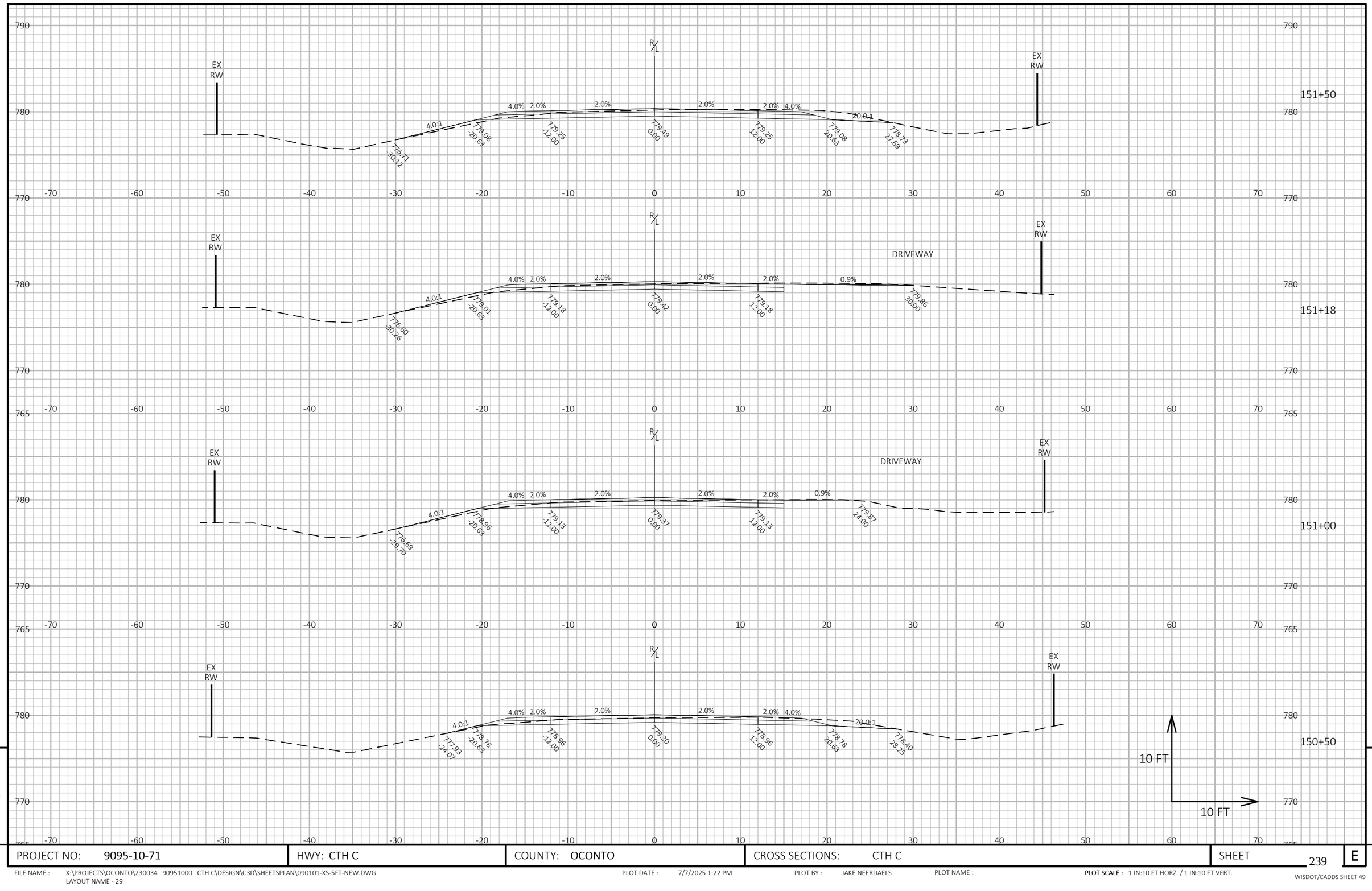


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 238	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 28

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 239	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 29

PLOT DATE : 7/7/2025 1:22 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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9

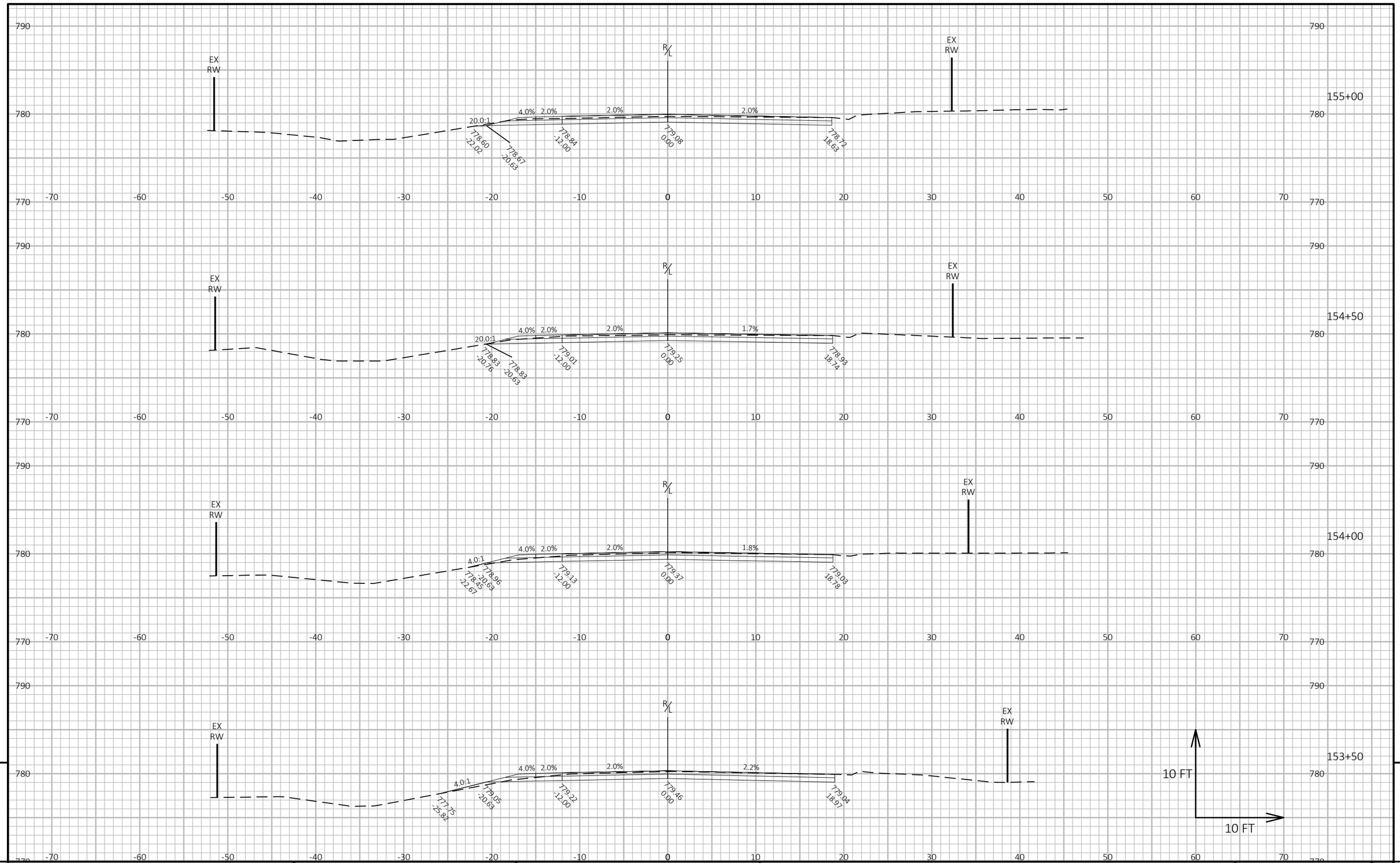
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 240	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 30

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 241	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 31

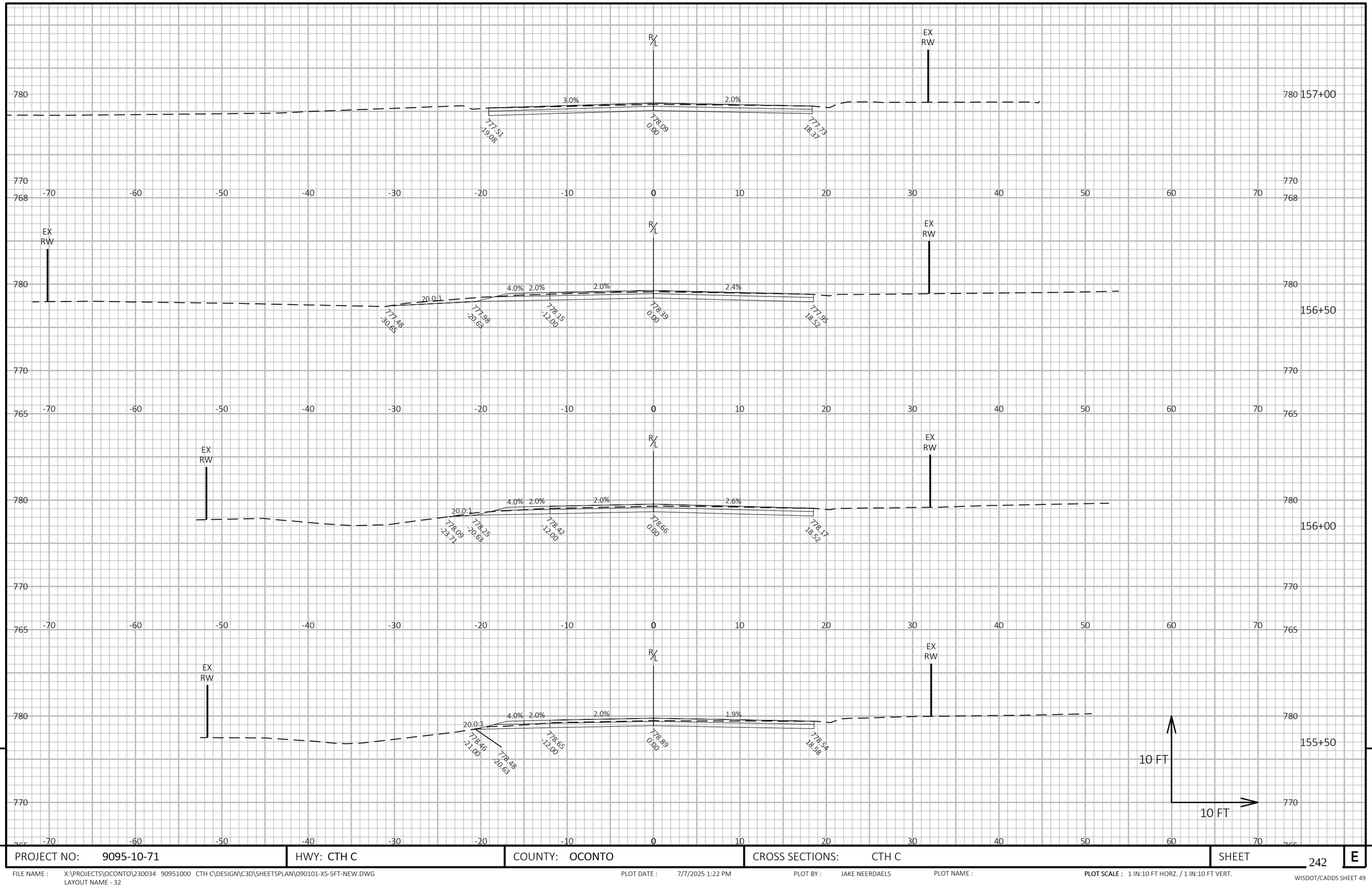
PLOT DATE : 7/7/2025 1:22 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

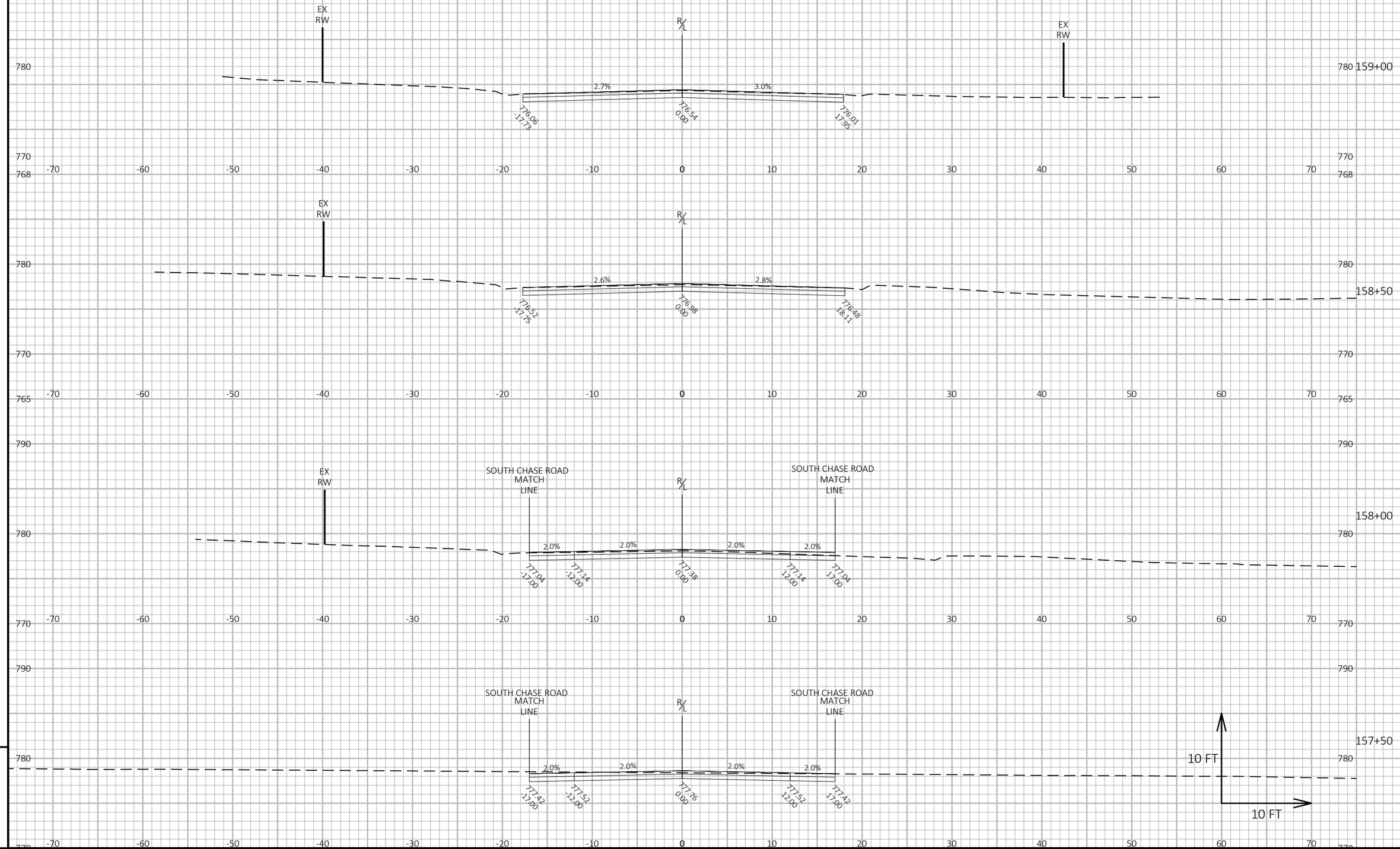


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 242 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 32

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

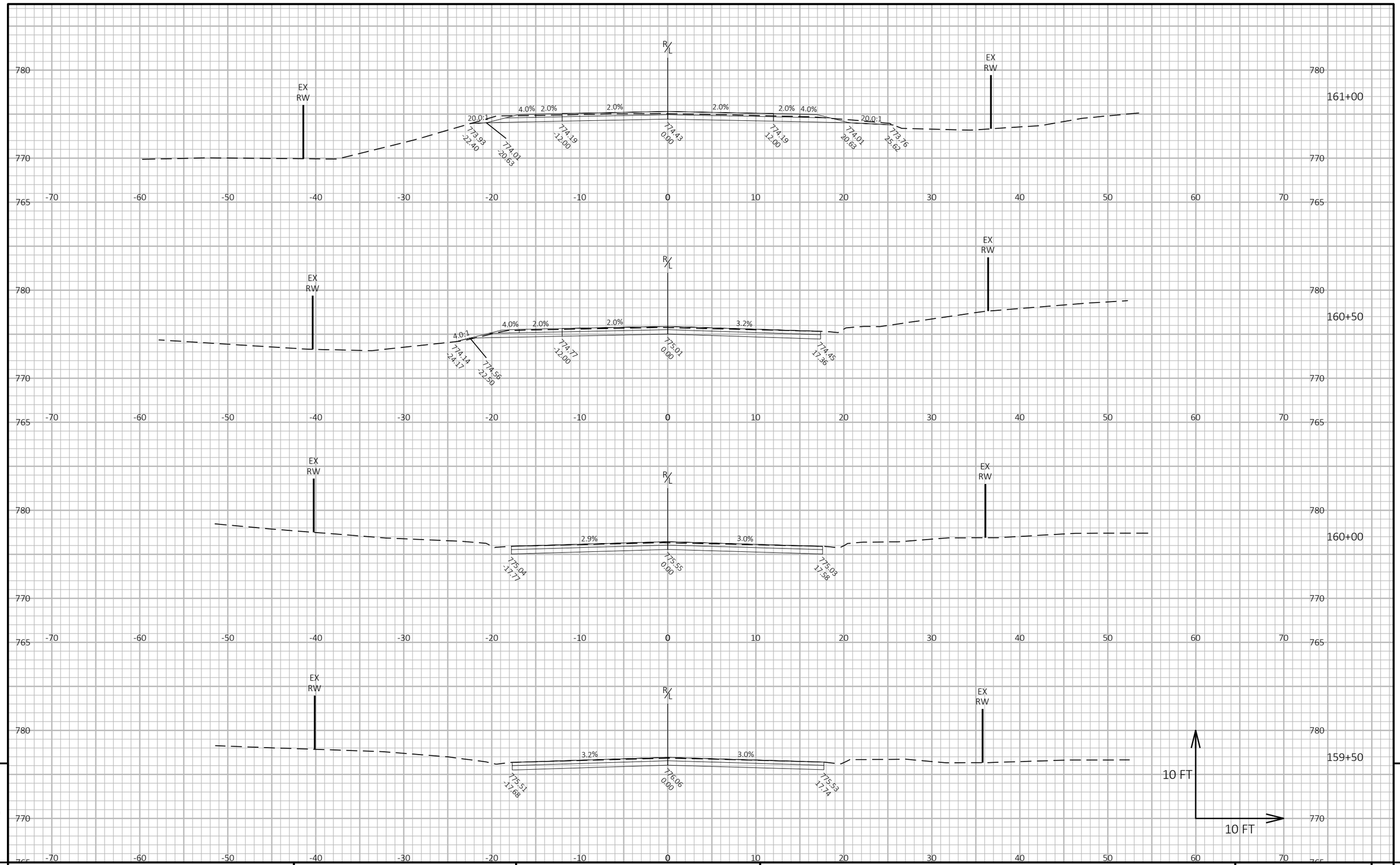


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 243	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 33

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 244	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 34

PLOT DATE : 7/7/2025 1:22 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

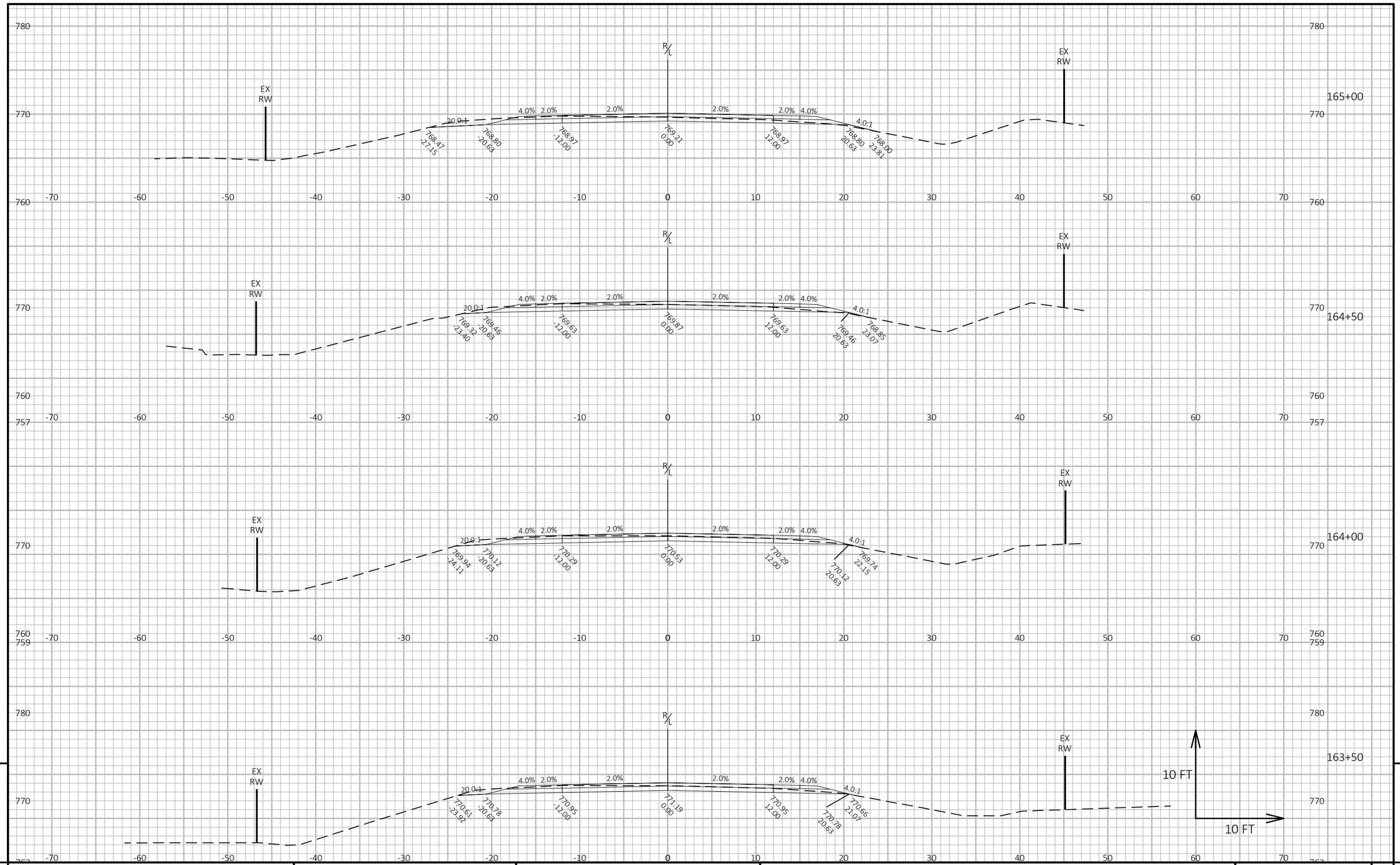
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 245	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 35

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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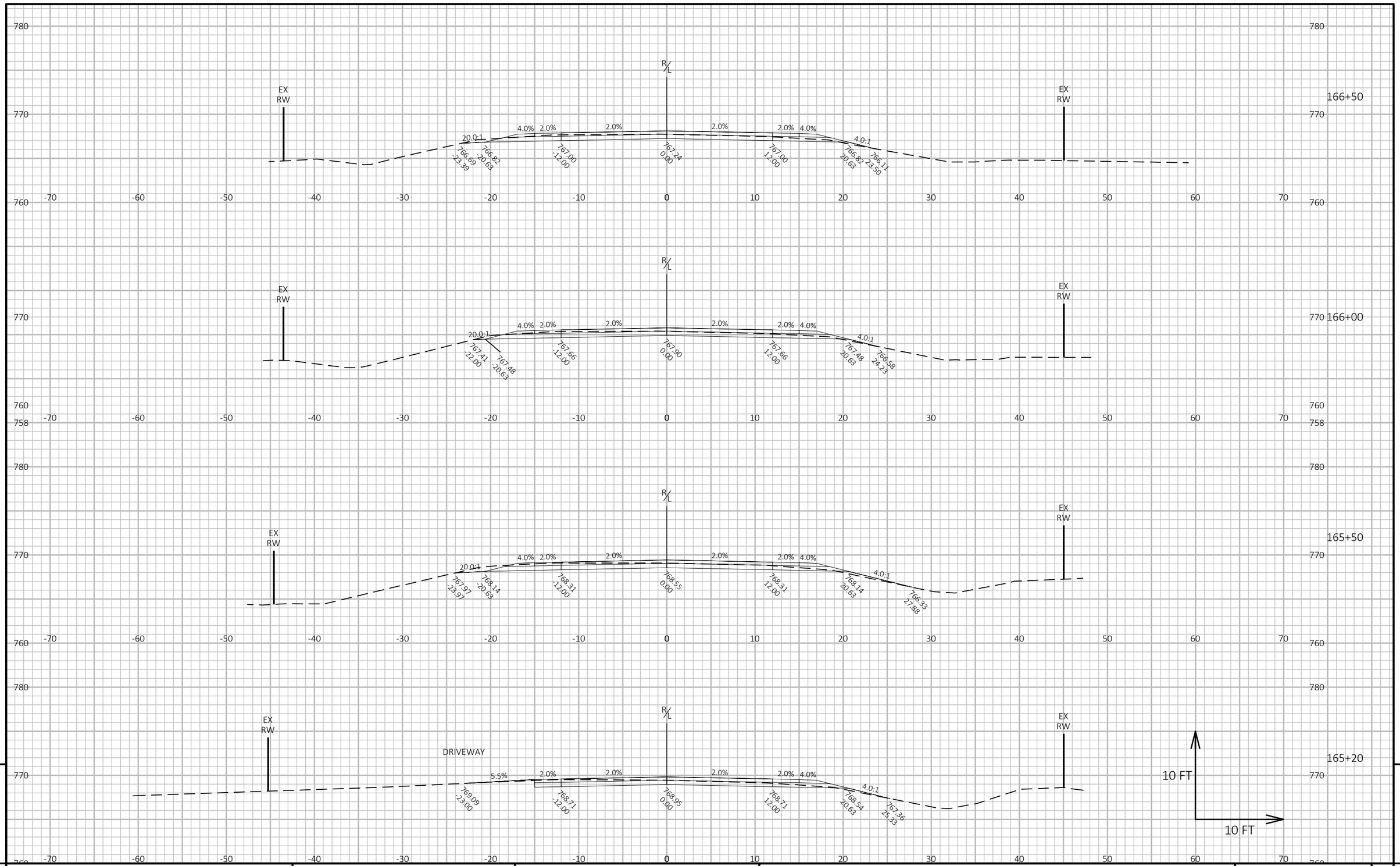
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 246	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 36

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 247	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 37

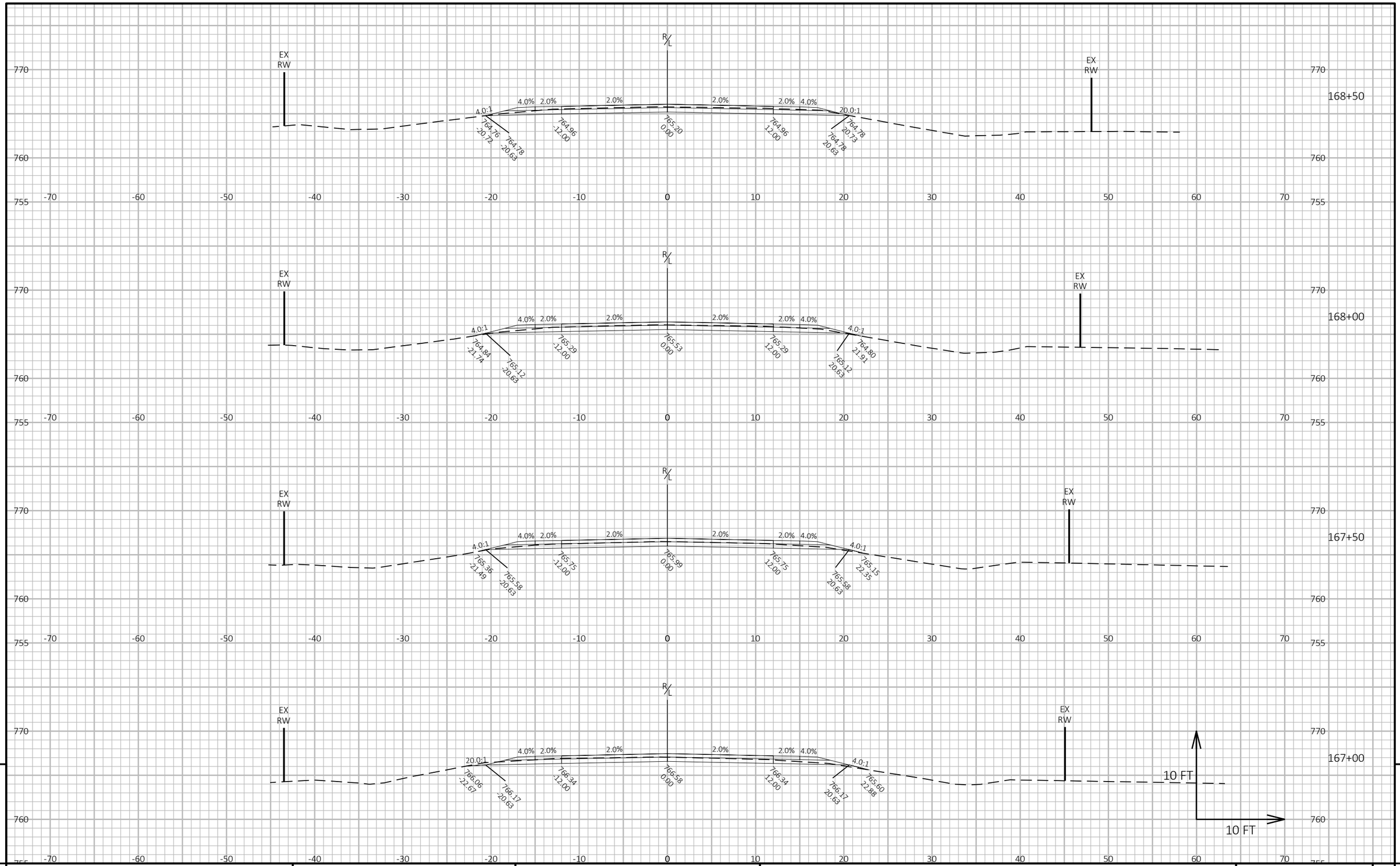
PLOT DATE : 7/7/2025 1:22 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

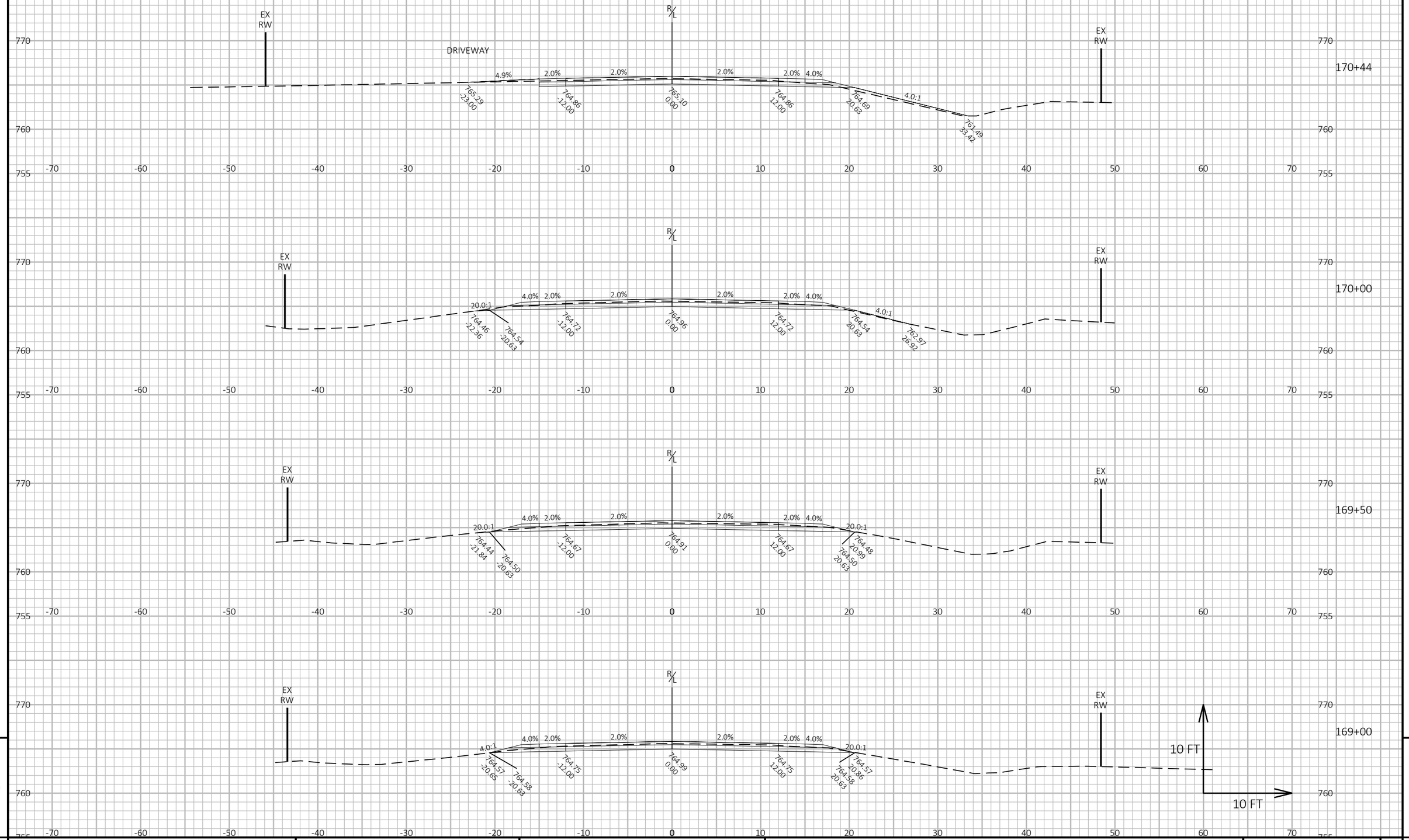
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 248	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 38

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

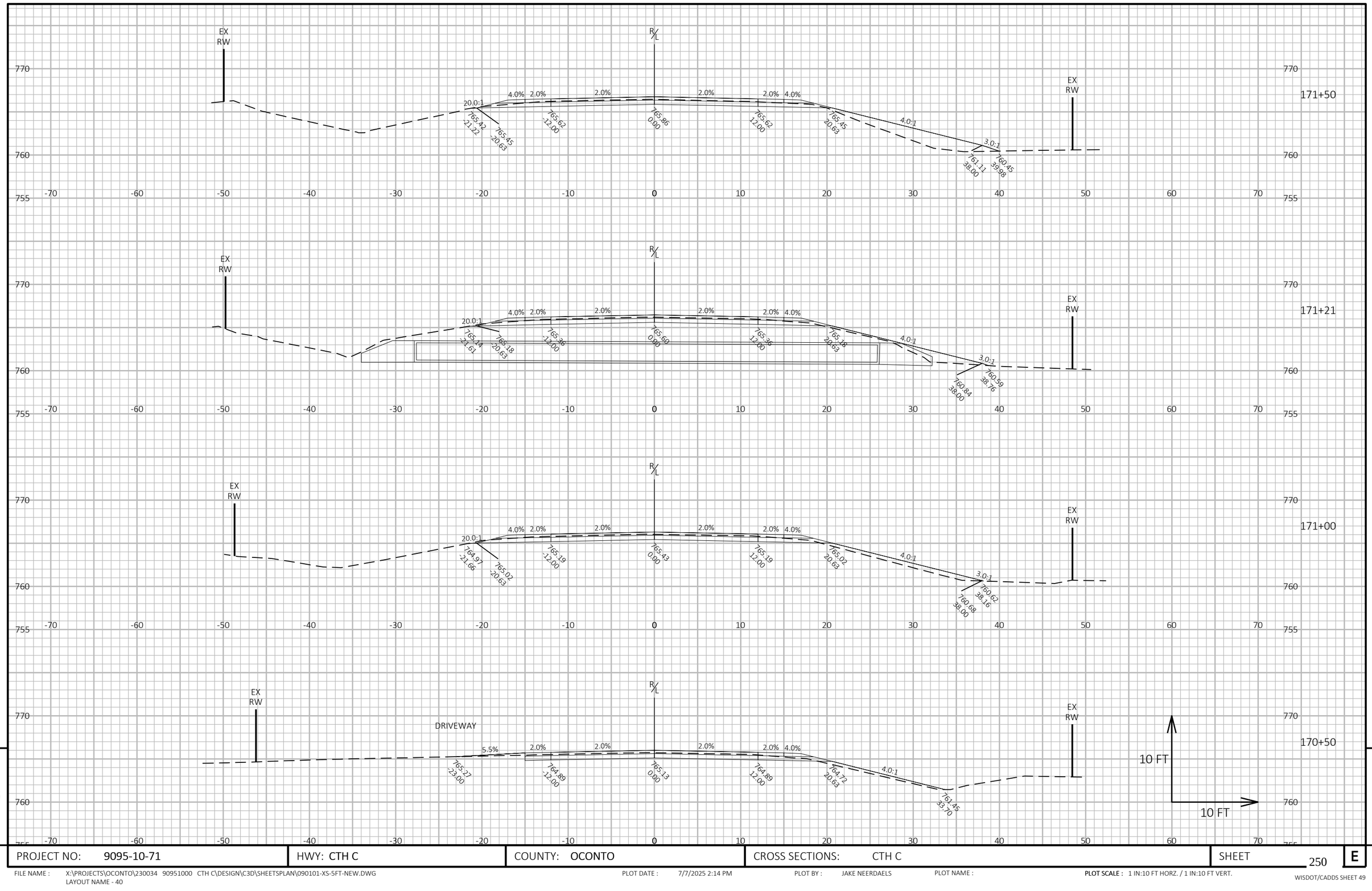


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 249 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 39

PLOT DATE : 7/7/2025 1:22 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

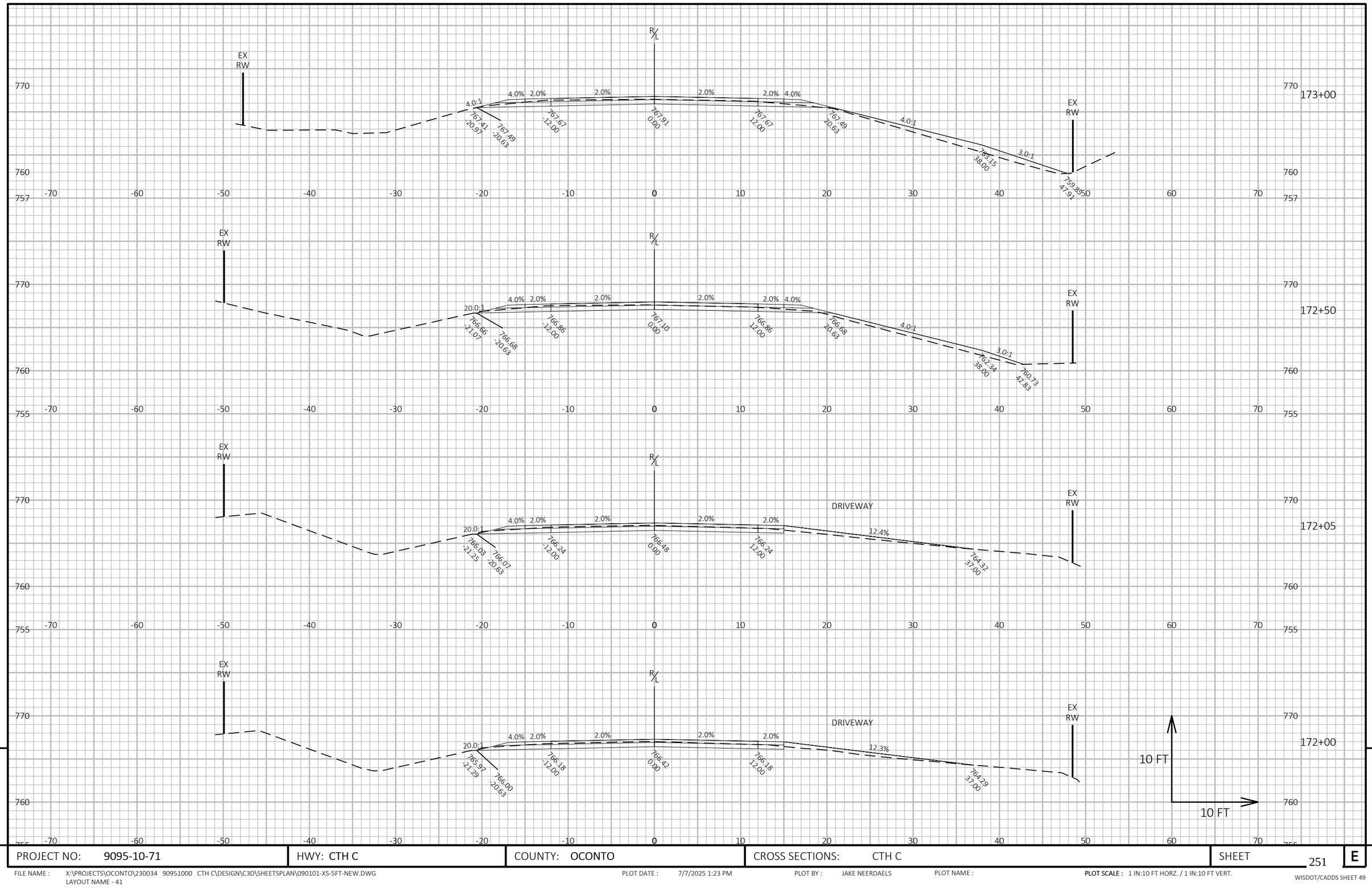


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 250	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 40

PLOT DATE : 7/7/2025 2:14 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

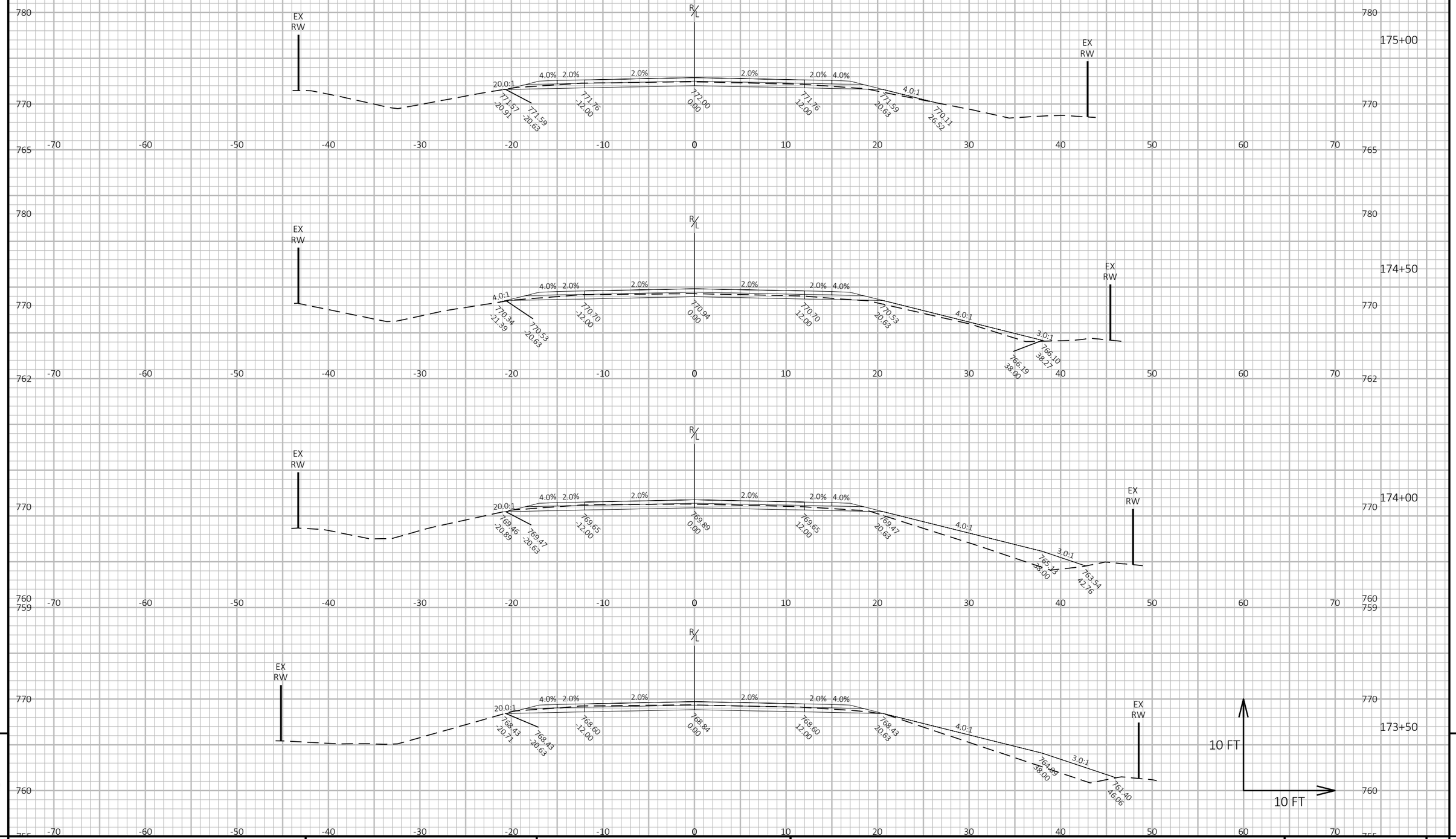


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 251	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 41

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 252	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 42

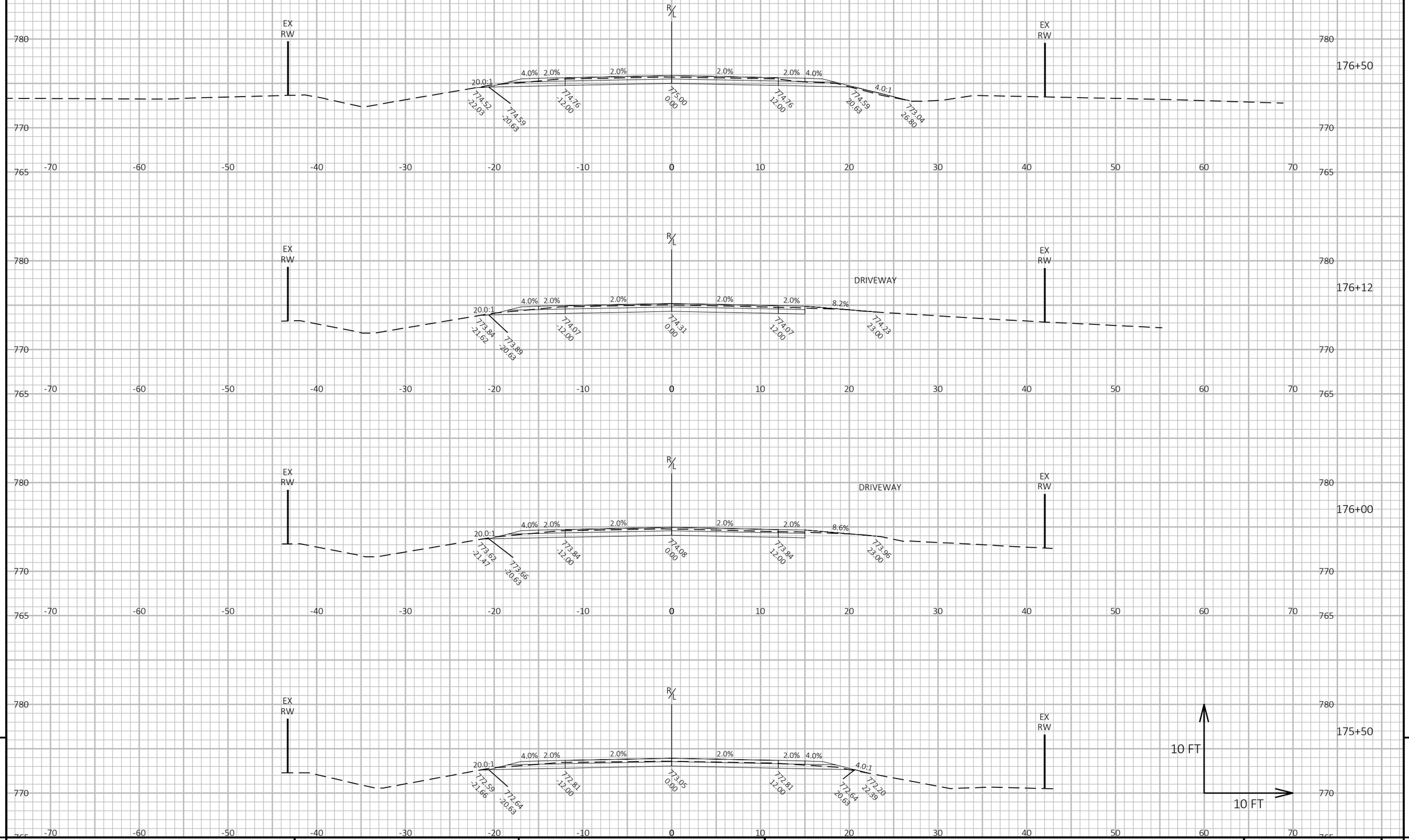
PLOT DATE : 7/7/2025 1:23 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

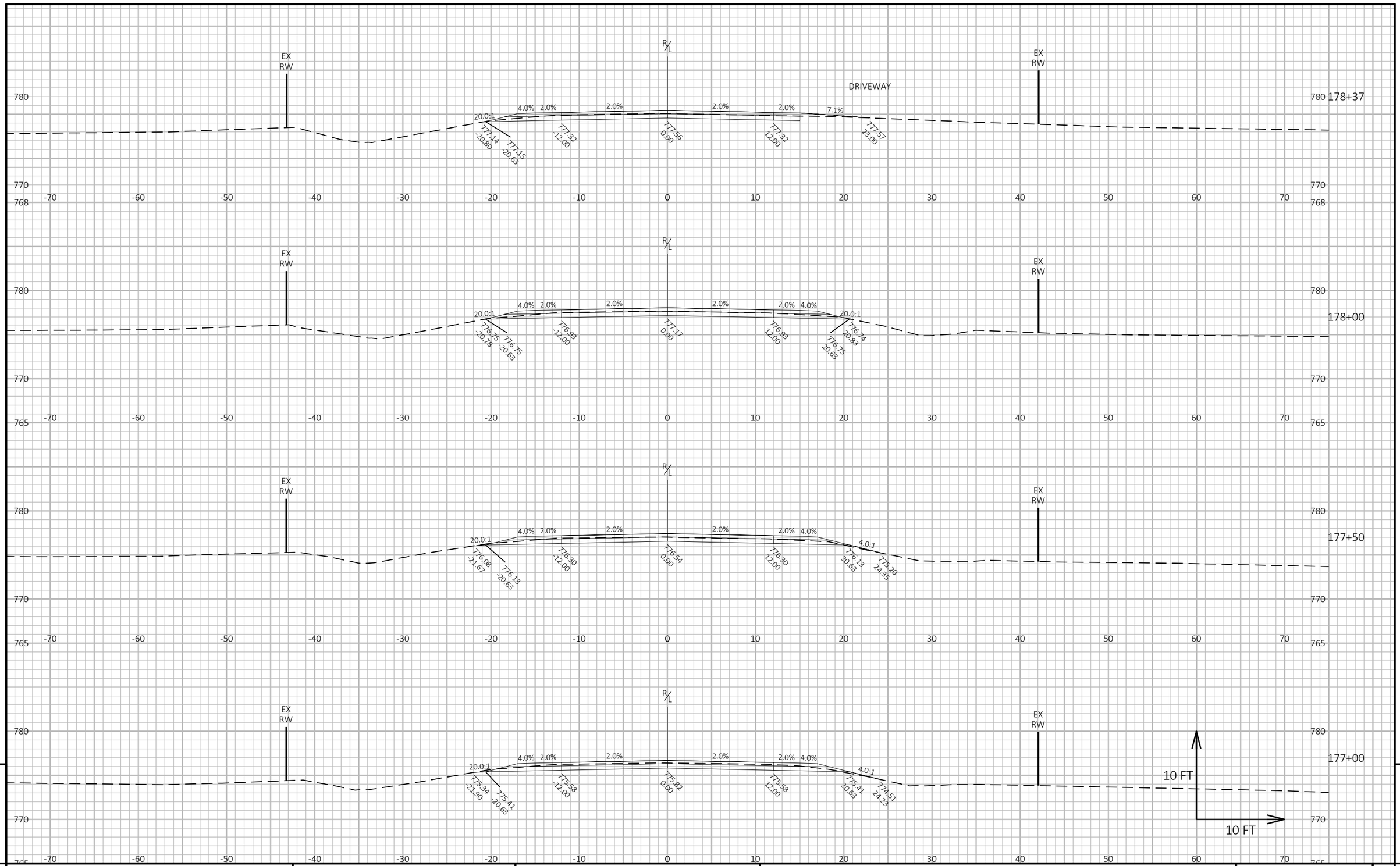
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 253	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 43

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

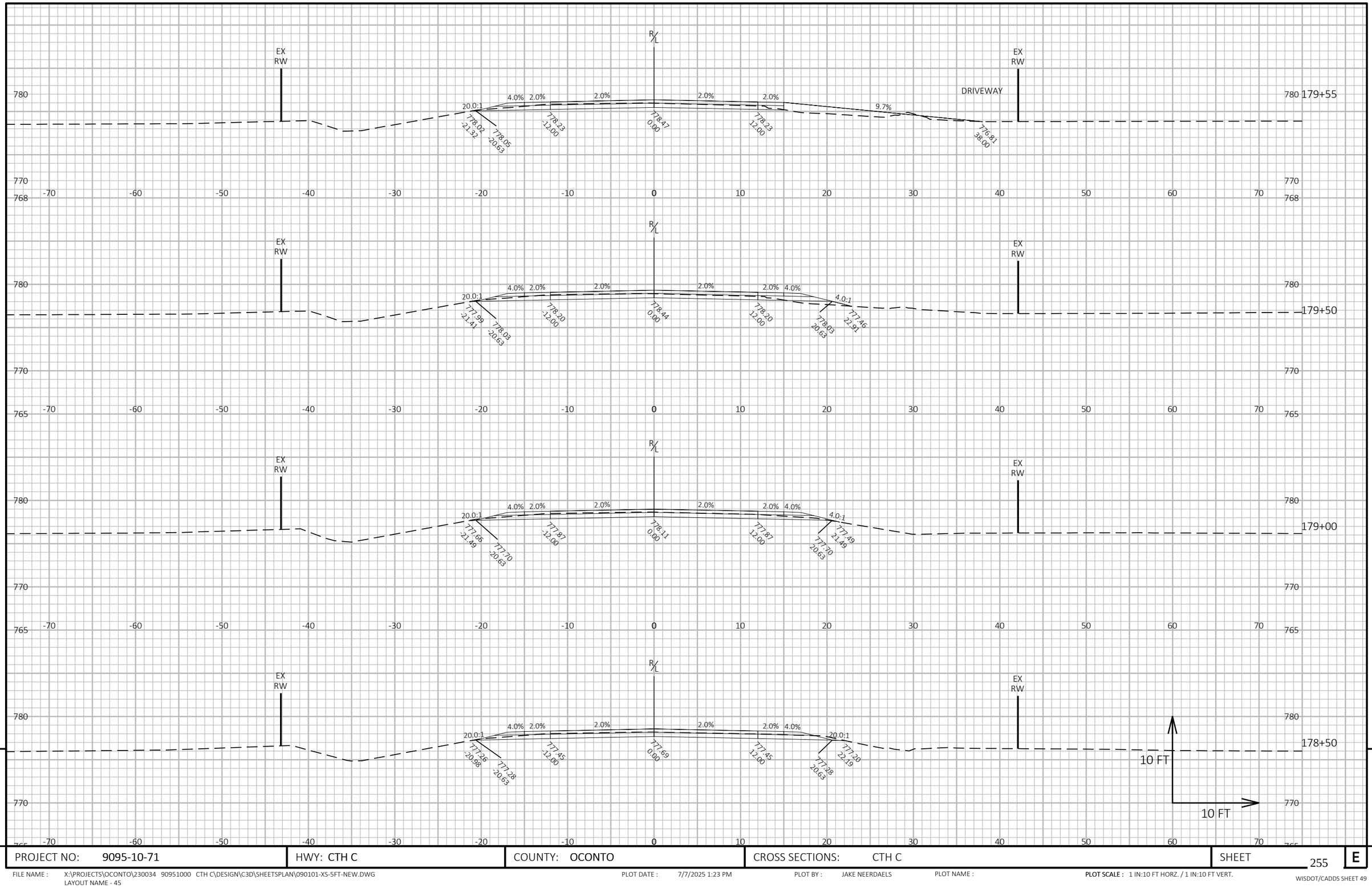
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 254	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 44

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

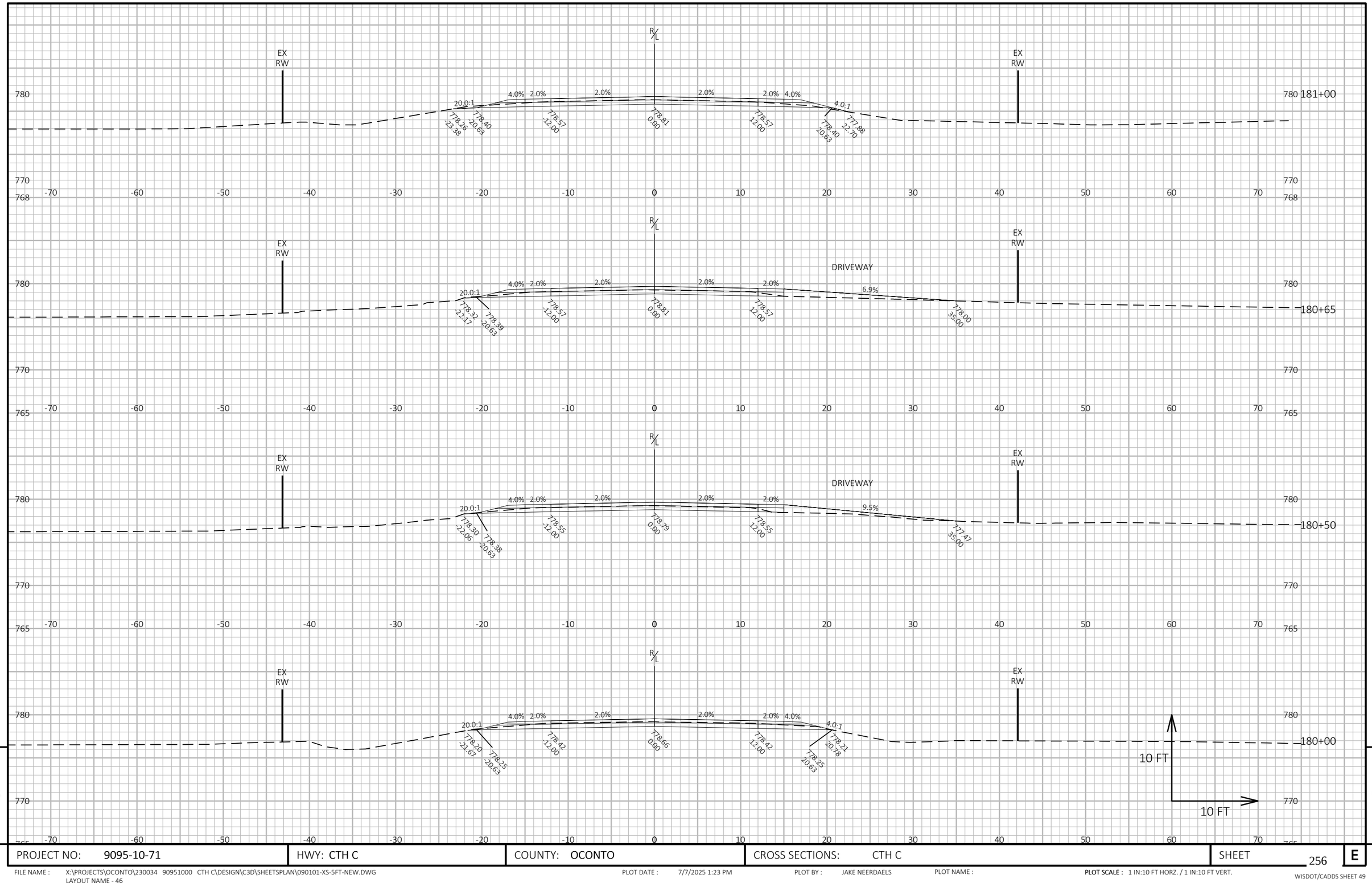


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 255	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 45

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

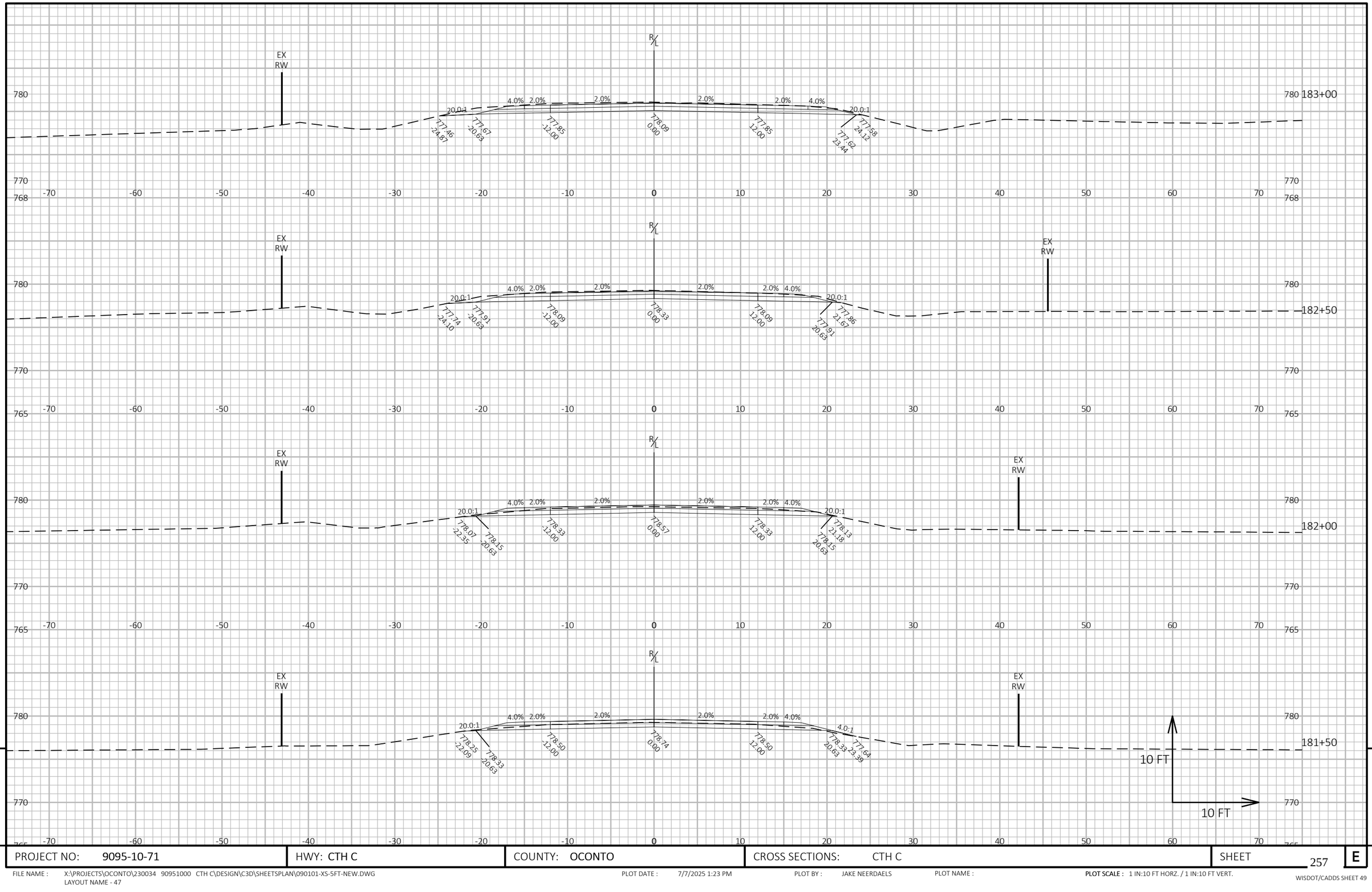


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 256	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 46

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 257	E

9

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 47

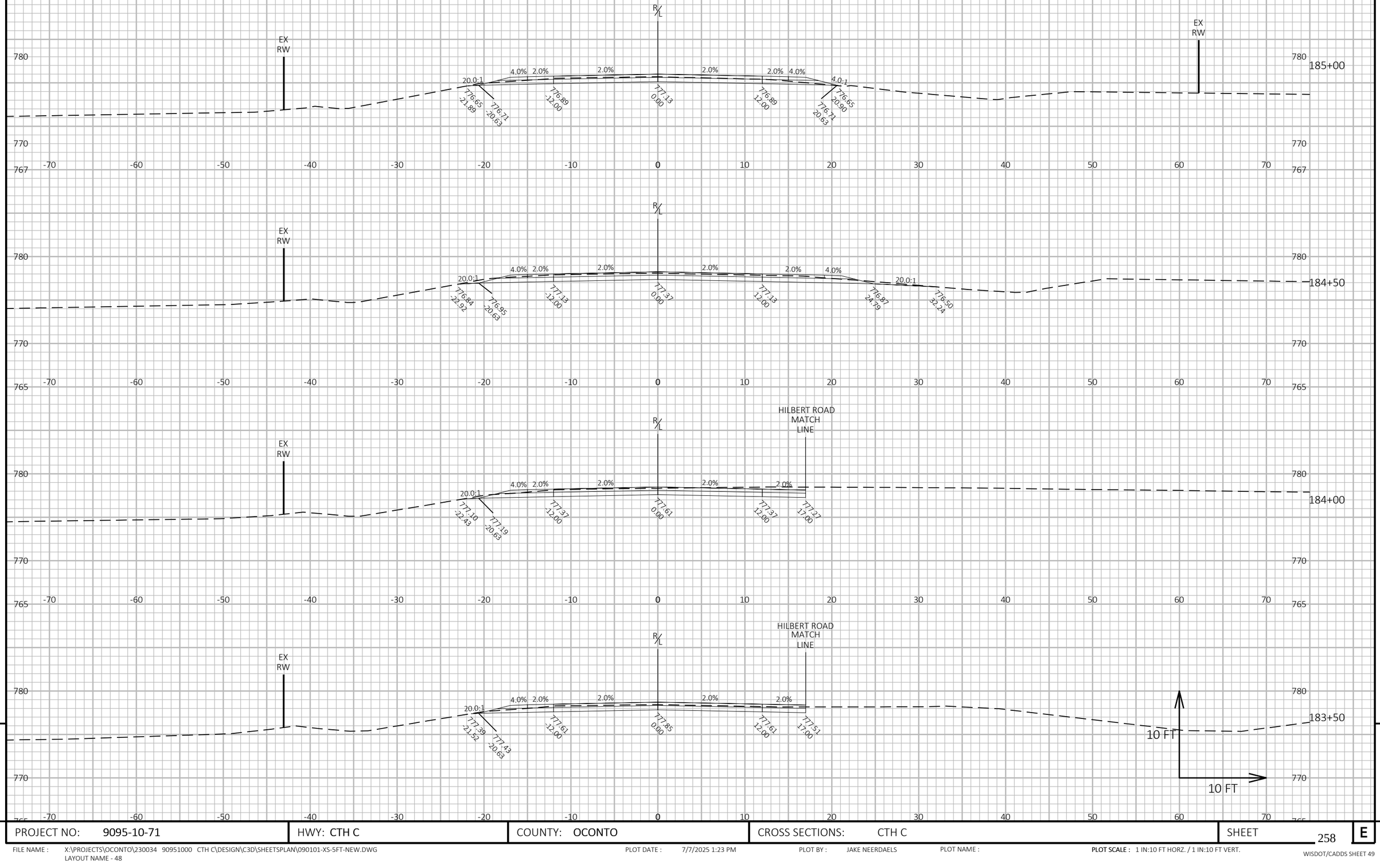
PLOT DATE : 7/7/2025 1:23 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 258	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 48

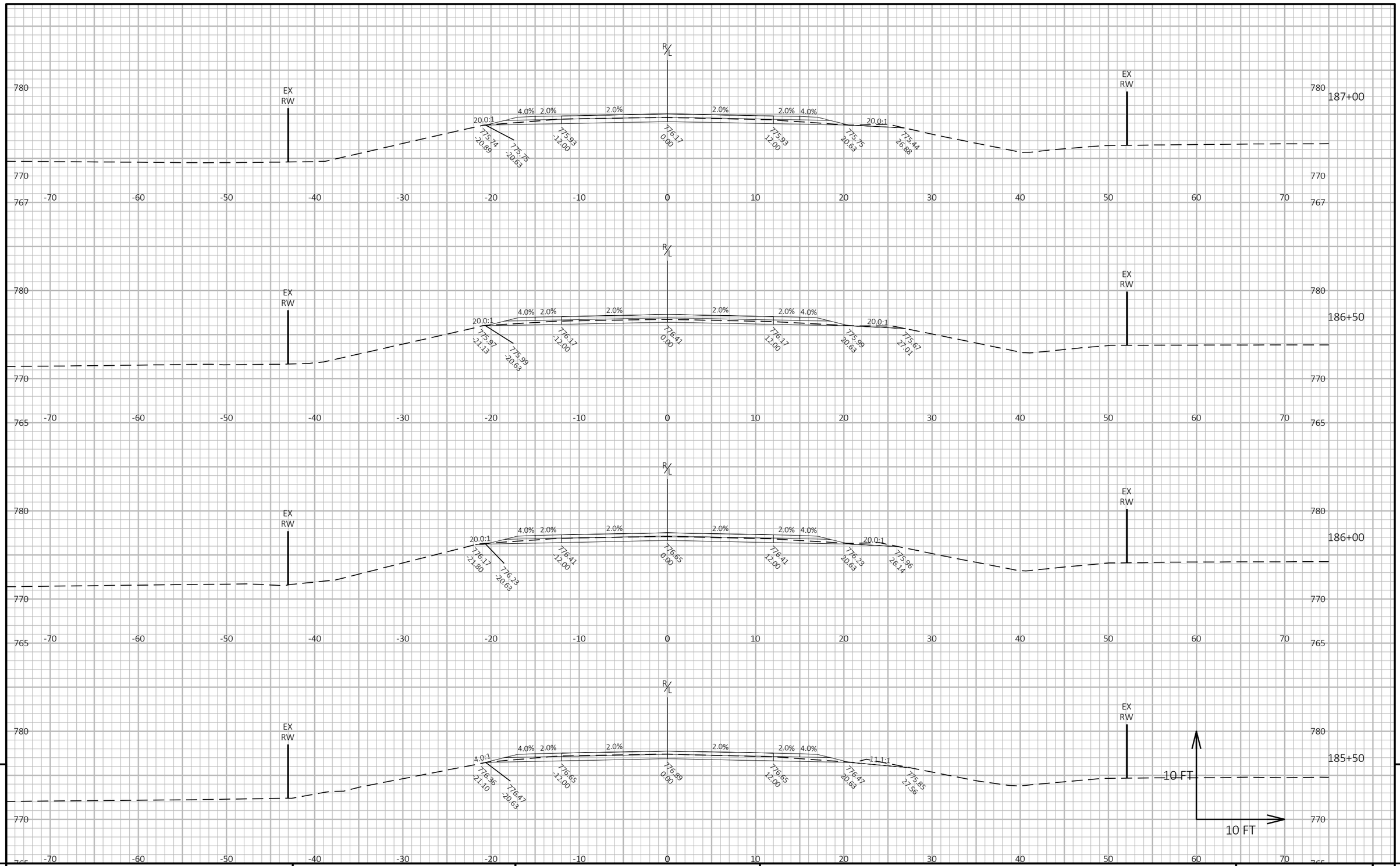
PLOT DATE : 7/7/2025 1:23 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

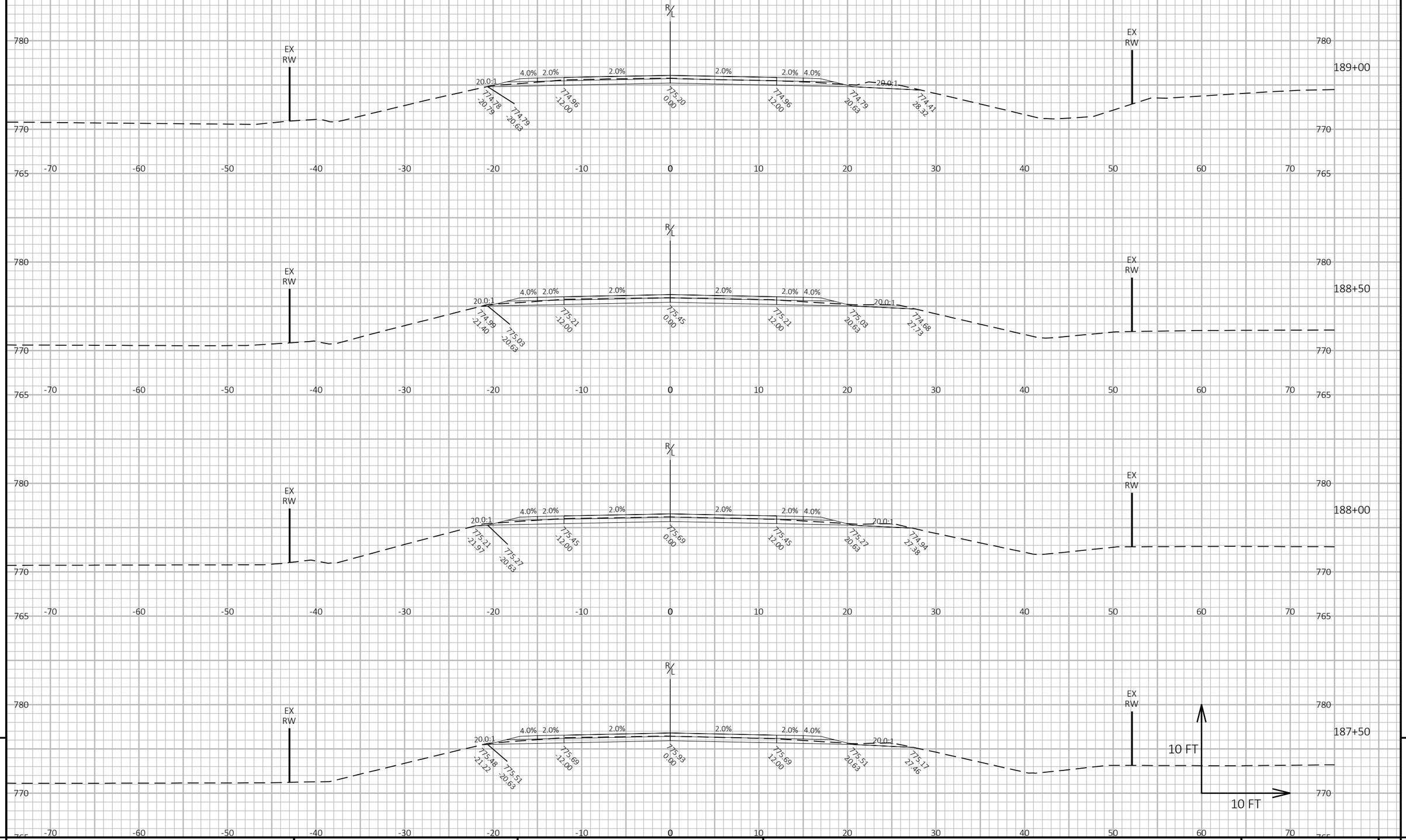
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 259	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 49

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



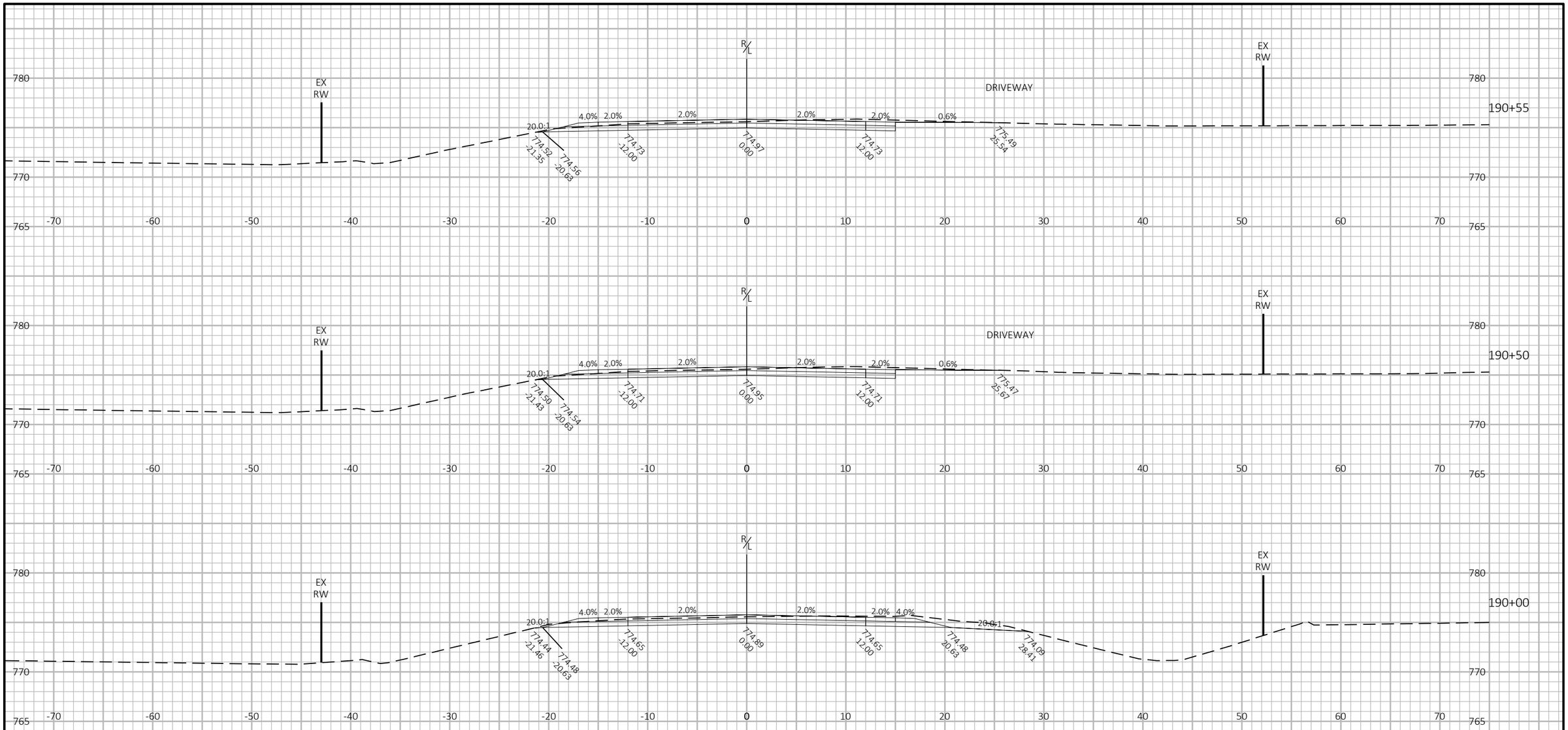
9 9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 260	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 50

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

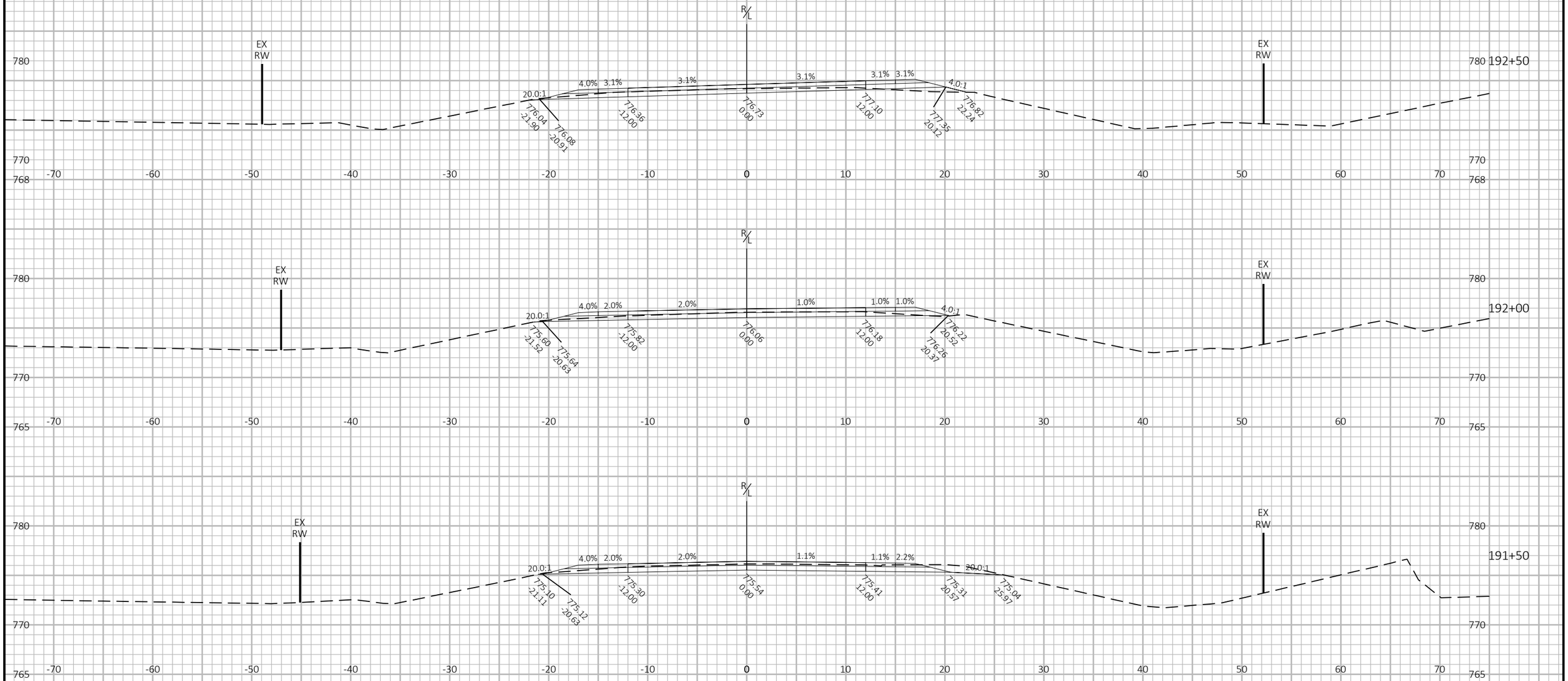
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 261	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 51

PLOT DATE : 7/7/2025 1:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

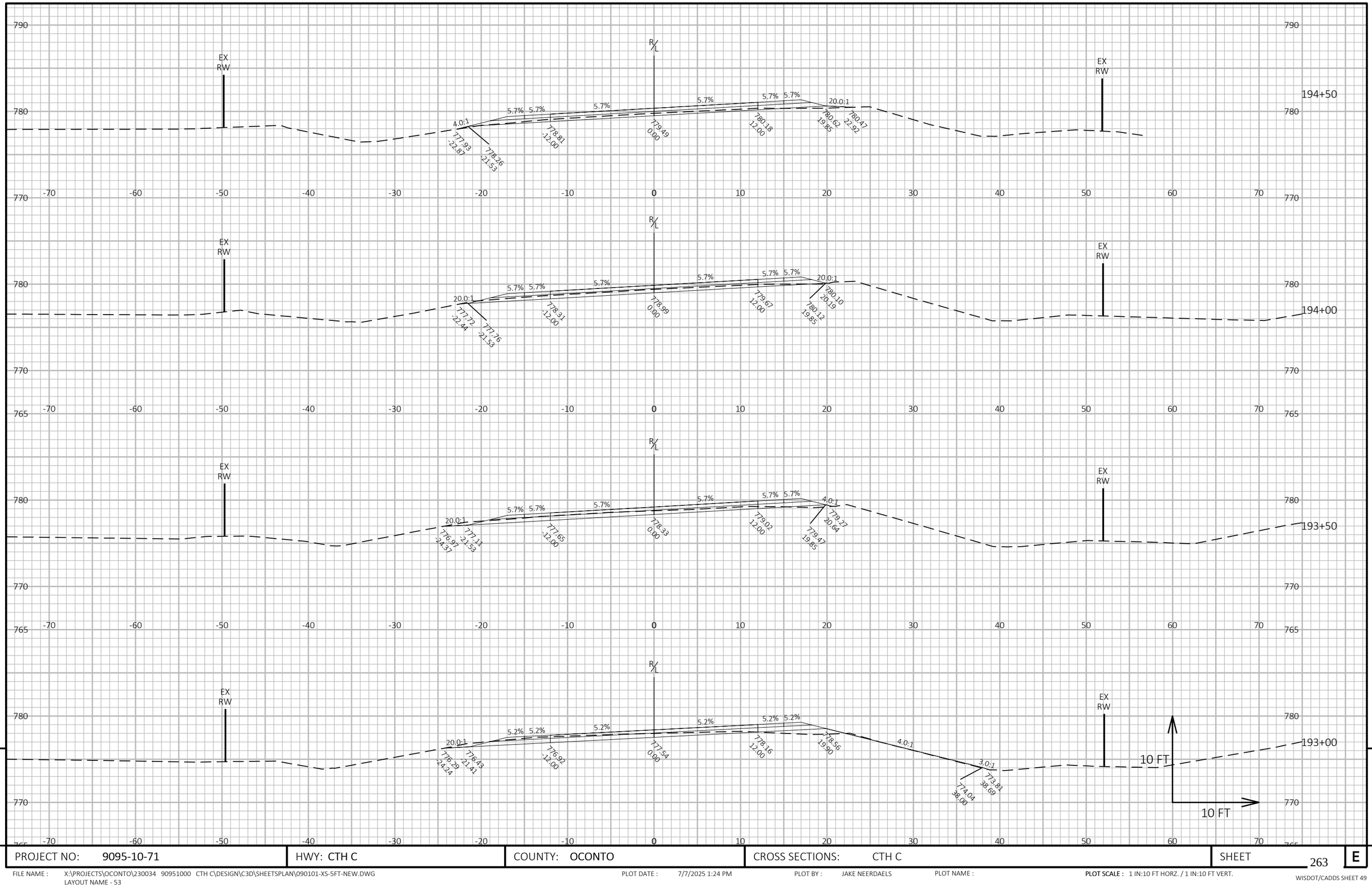


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 262	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 52

PLOT DATE : 7/7/2025 2:17 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 263	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 53

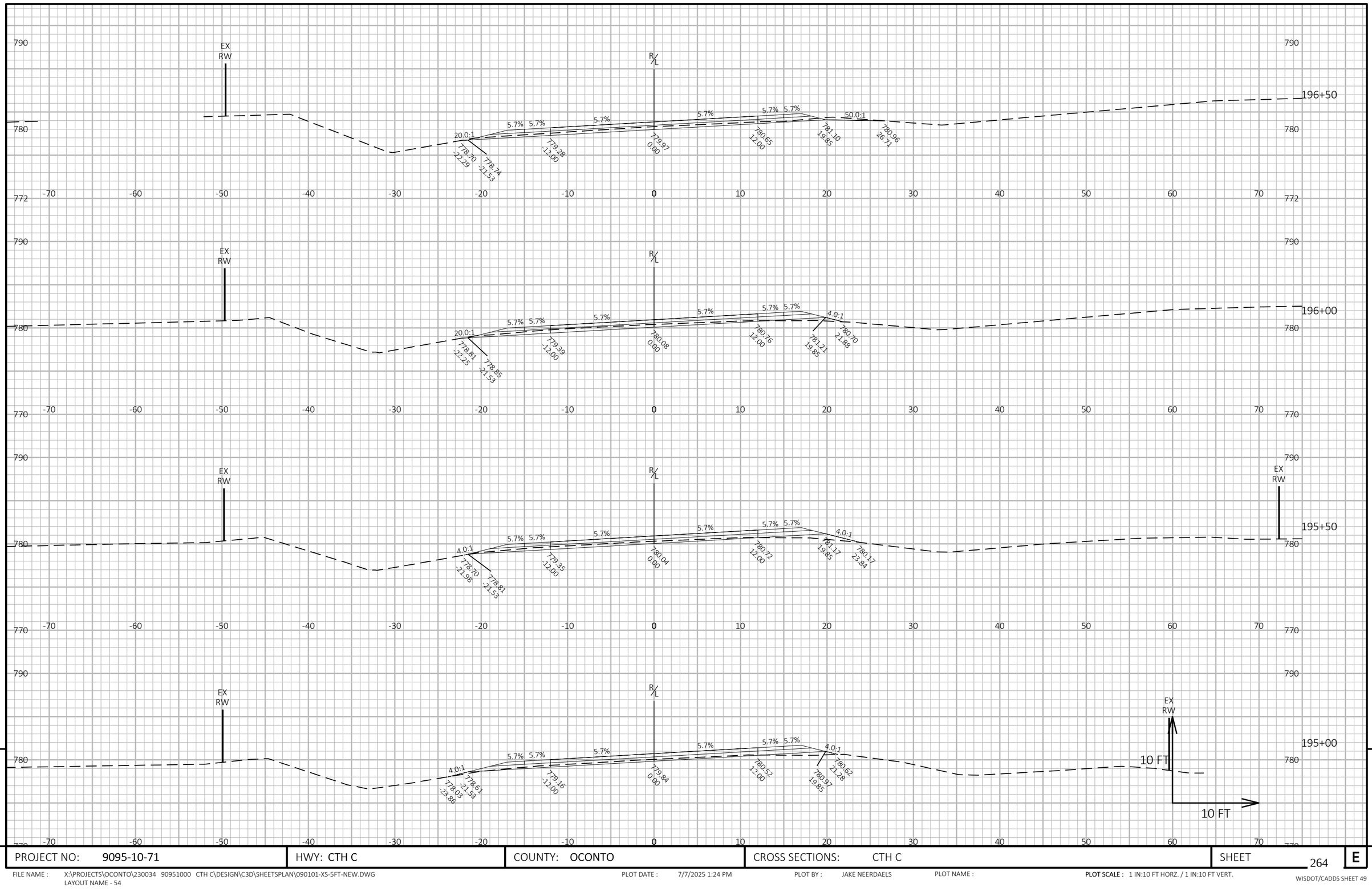
PLOT DATE : 7/7/2025 1:24 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

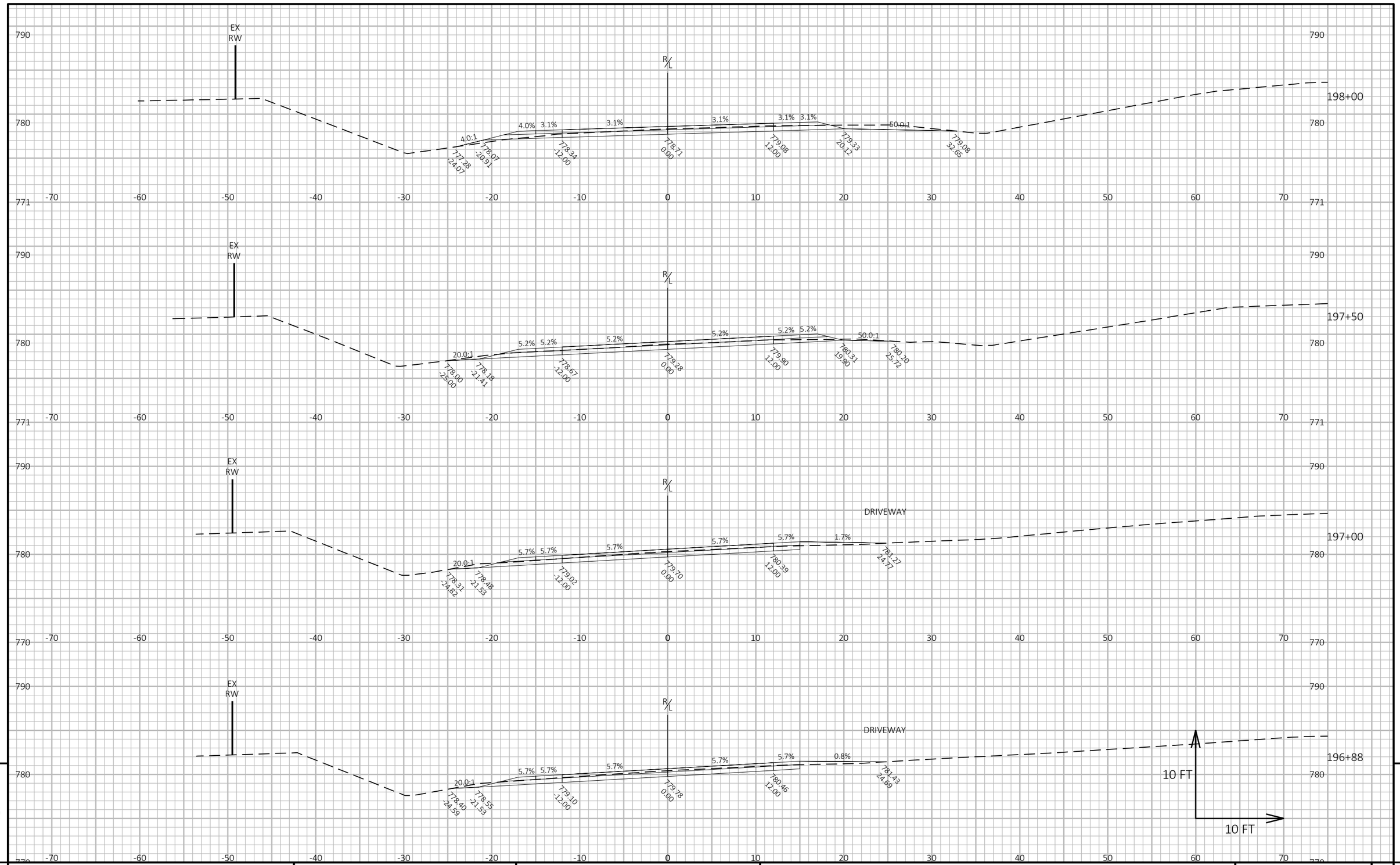


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 264 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 54

PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

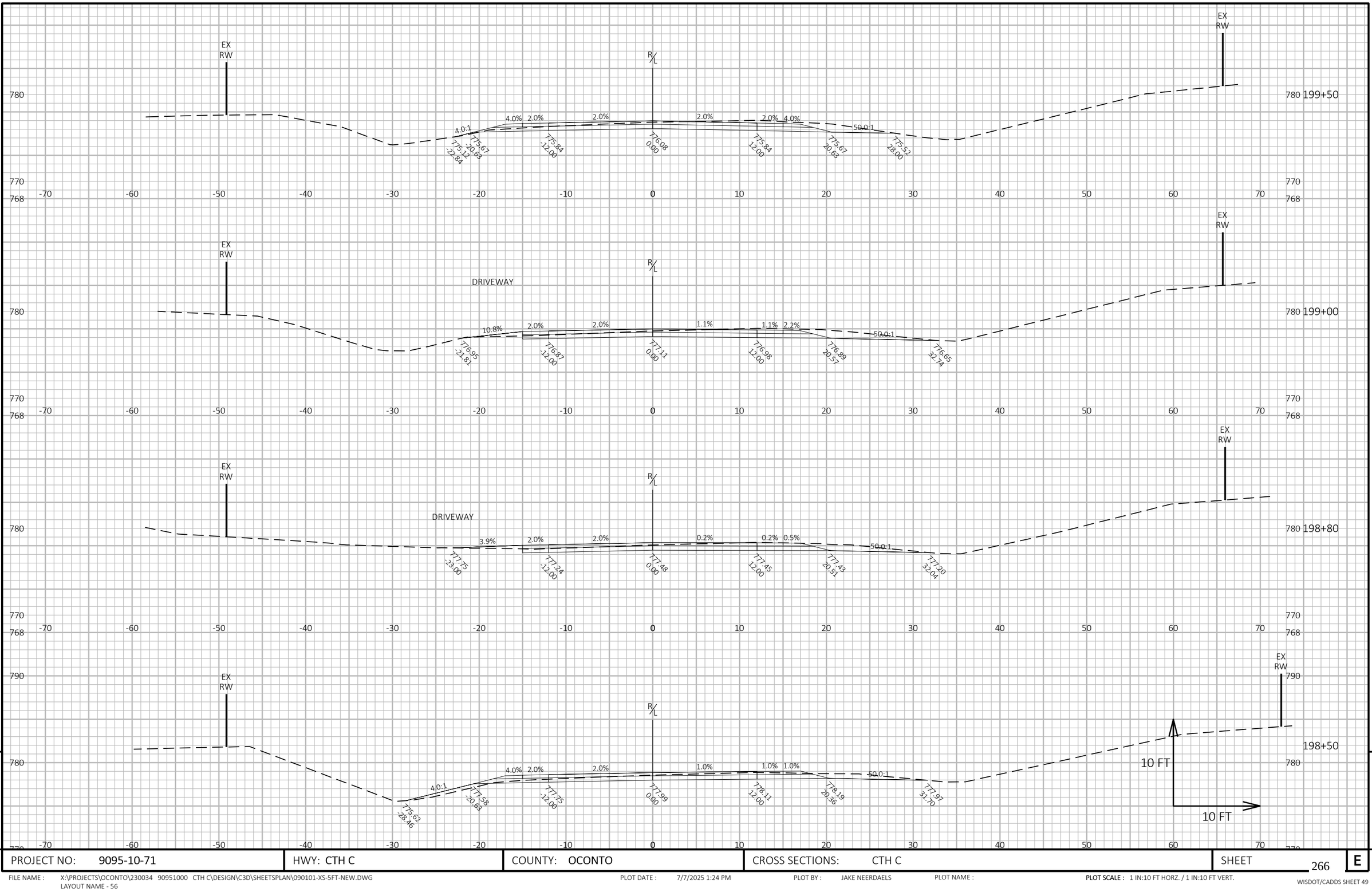


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 265 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 55

PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



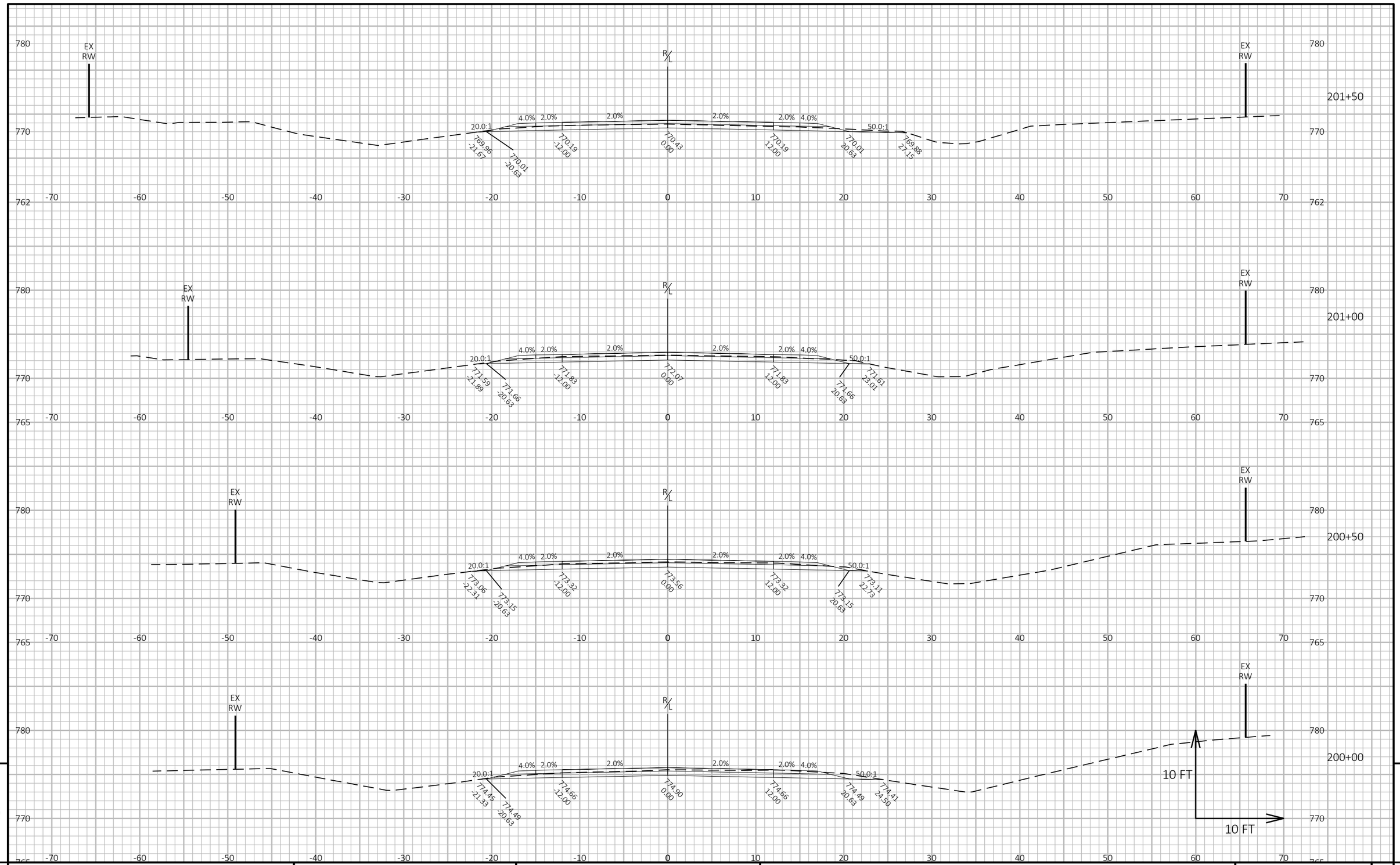
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 266	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 56

PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 267	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 57

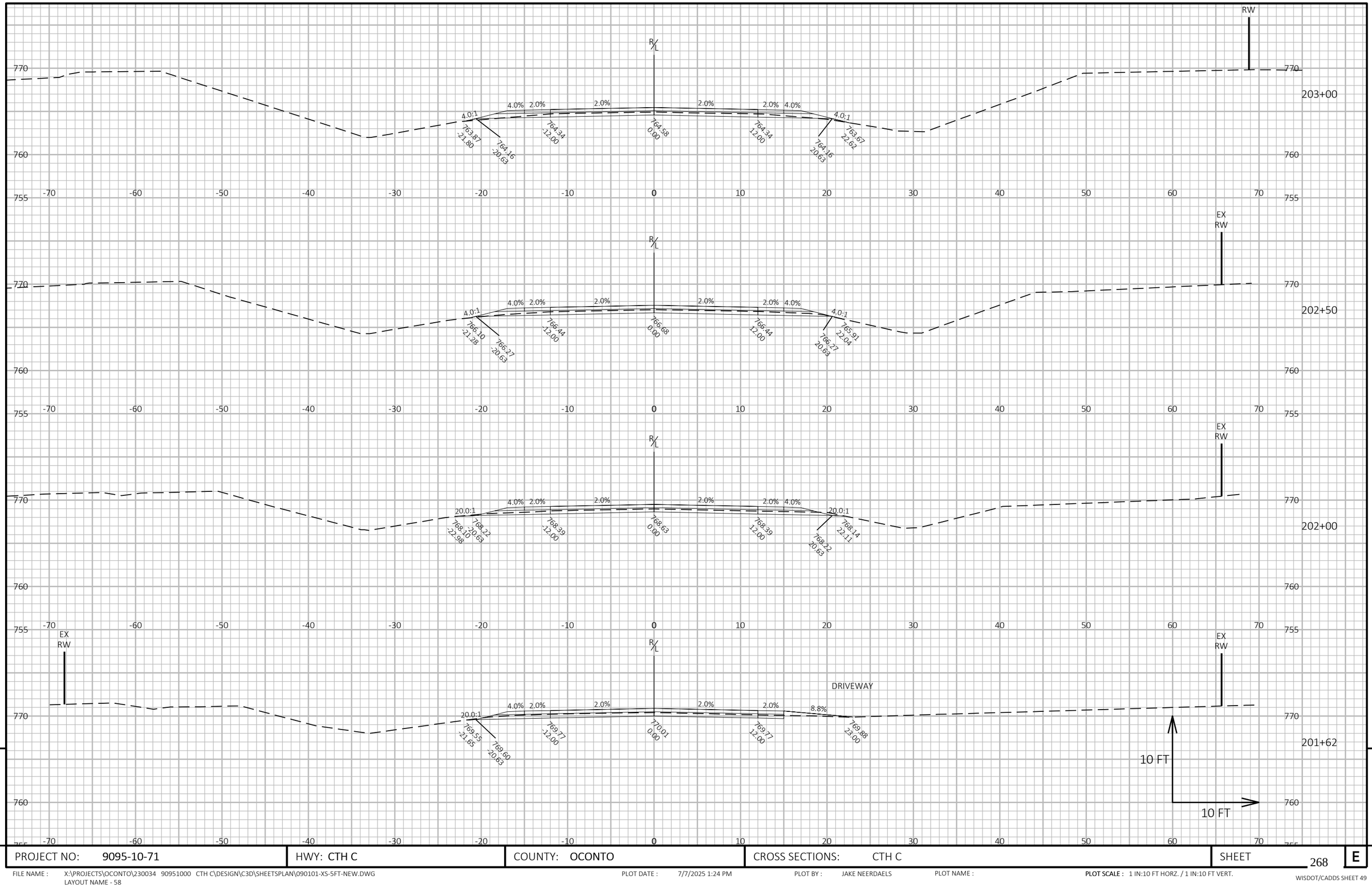
PLOT DATE : 7/7/2025 1:24 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

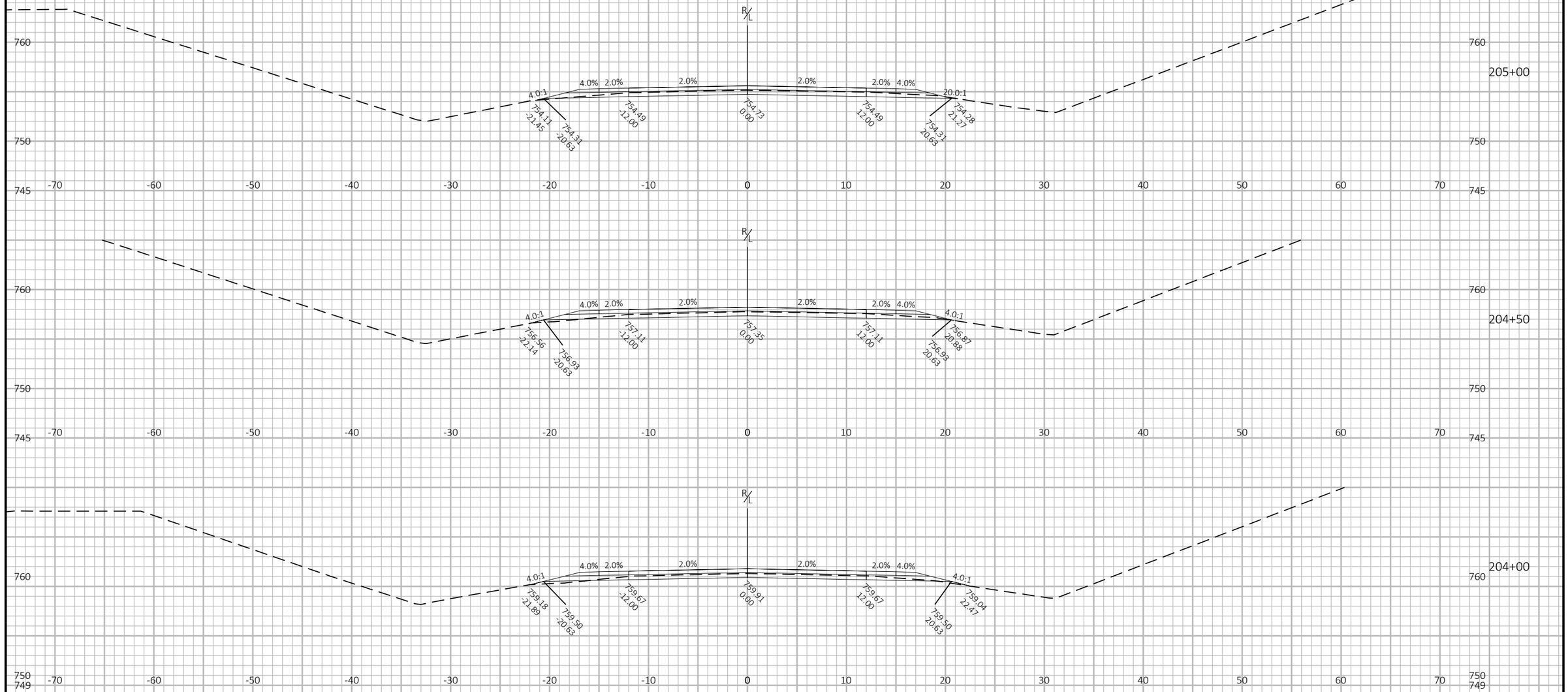
9

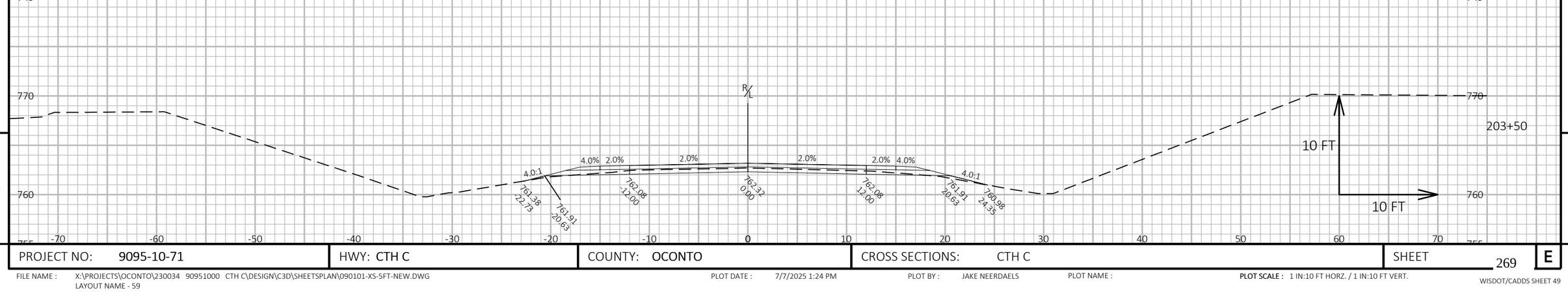
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 268	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 58

PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



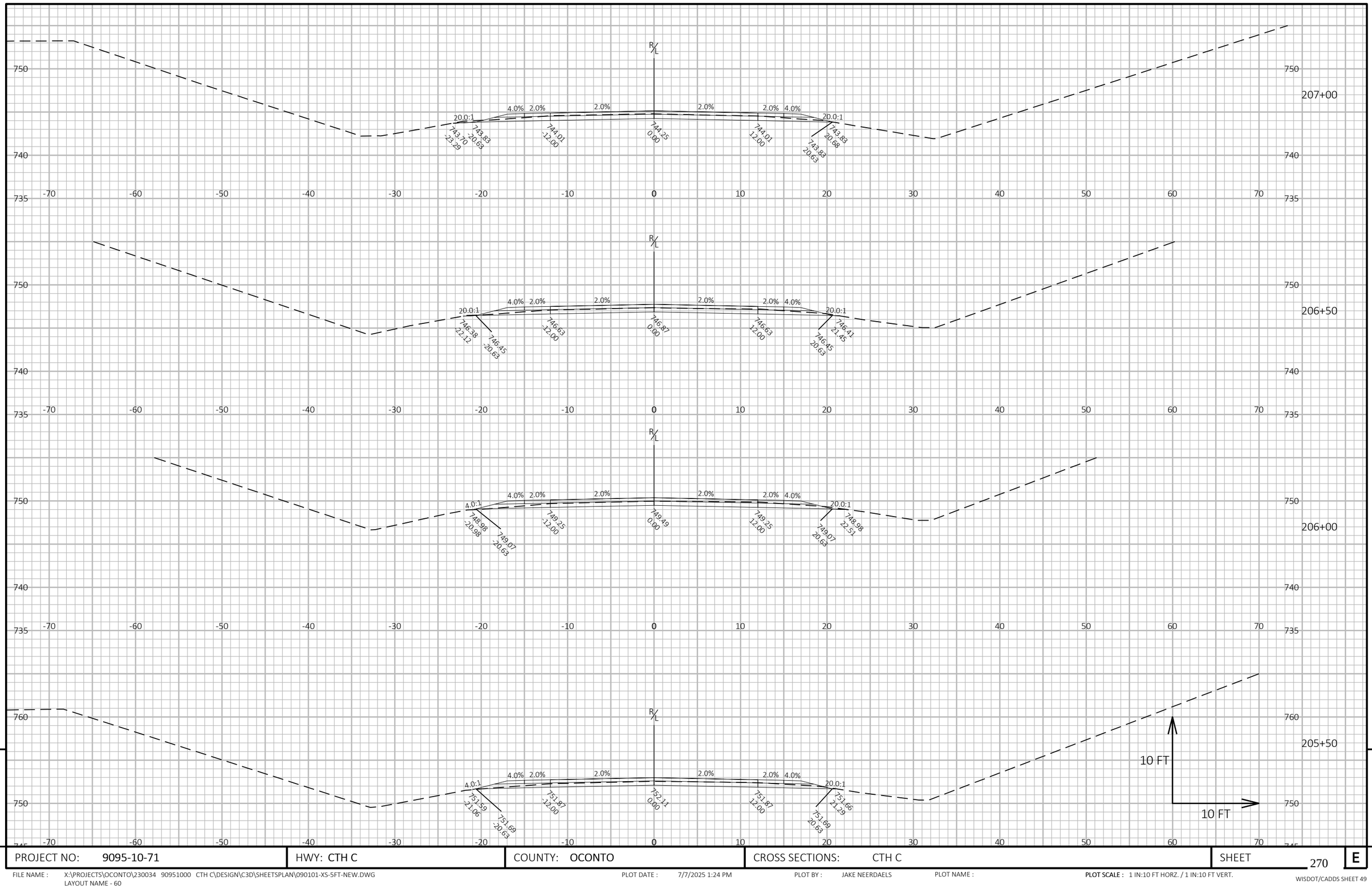


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 269	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 59

PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

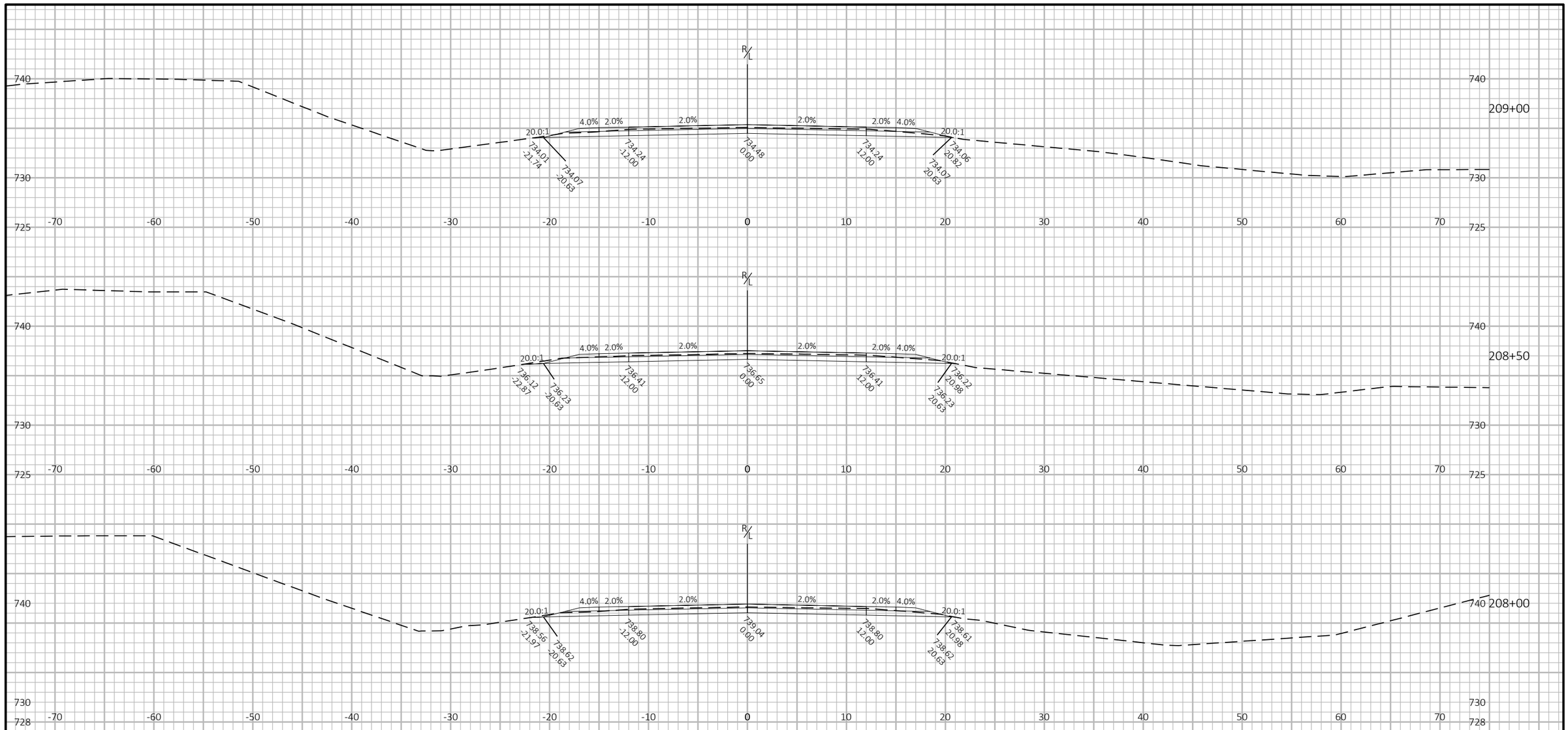
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 270	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 60

PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

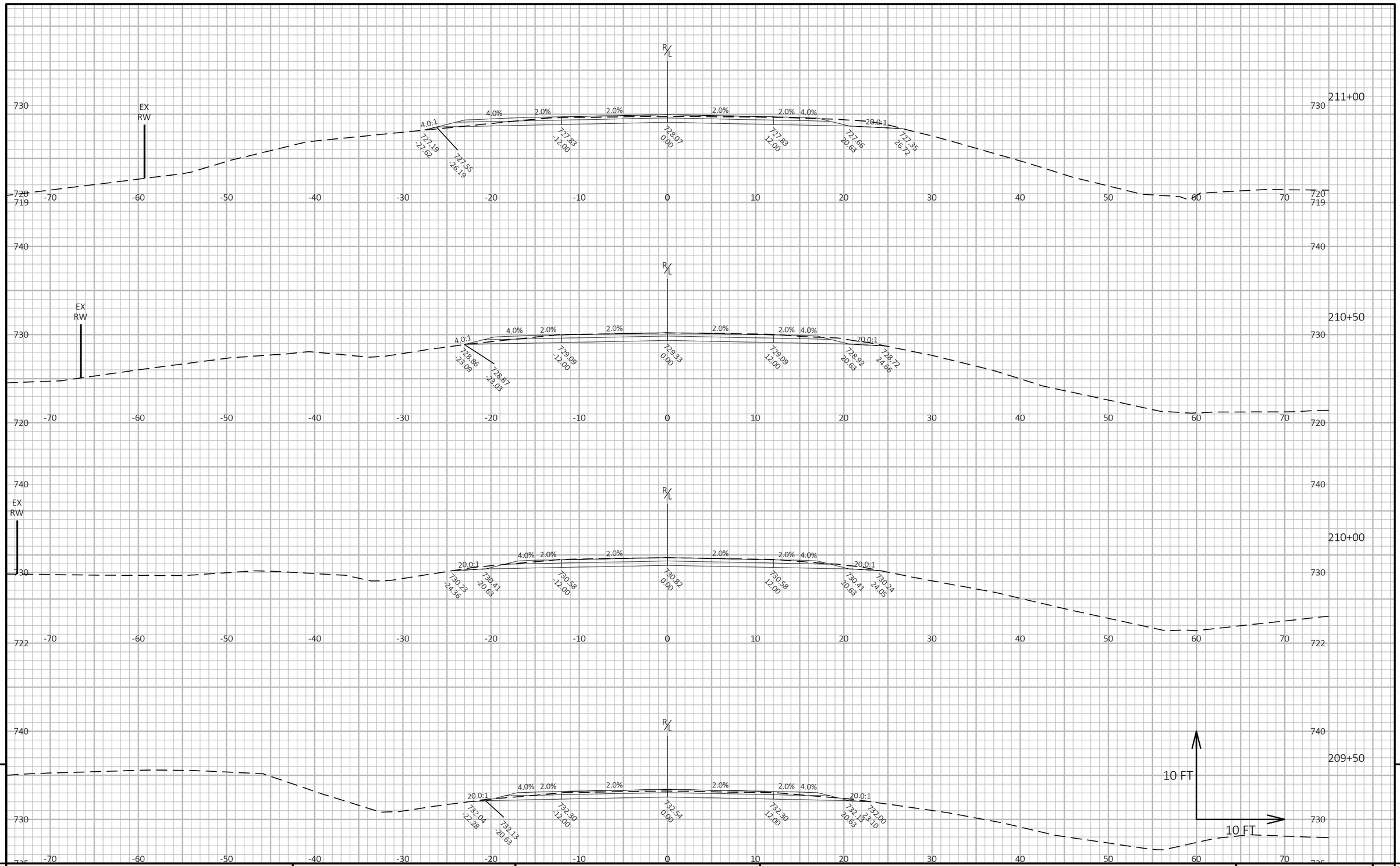


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 271	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 61

PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

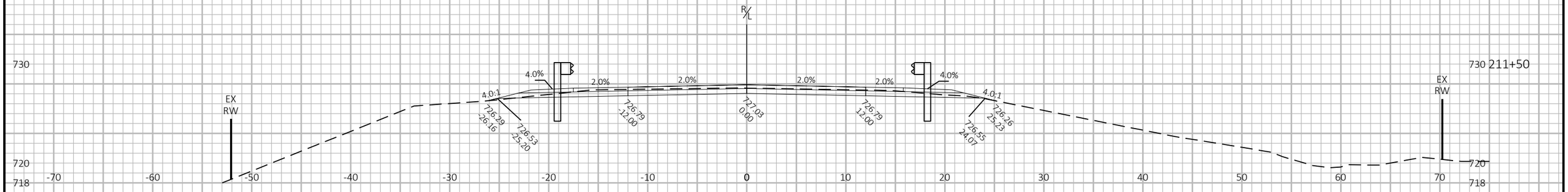


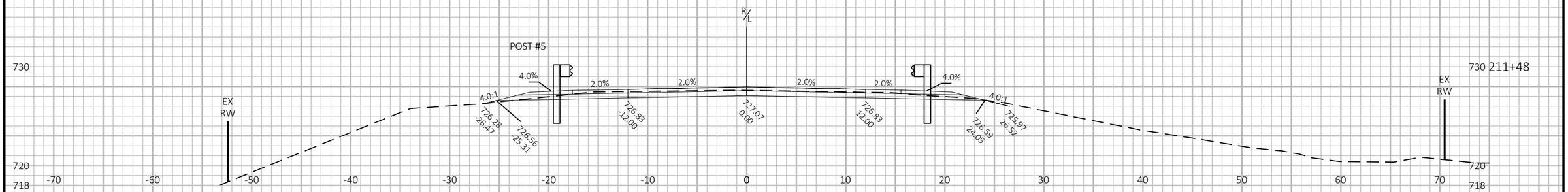
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 272	E

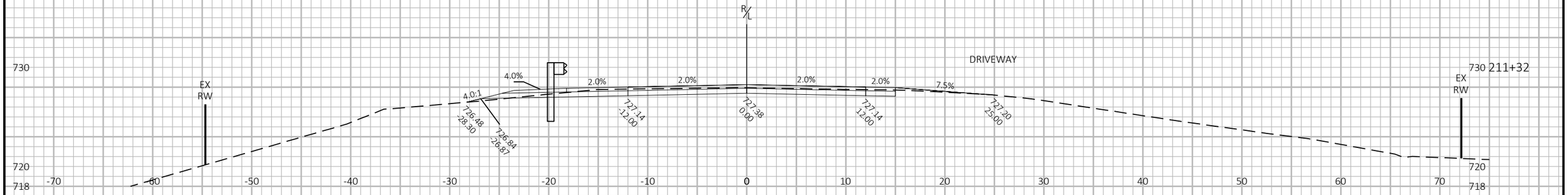
FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 62

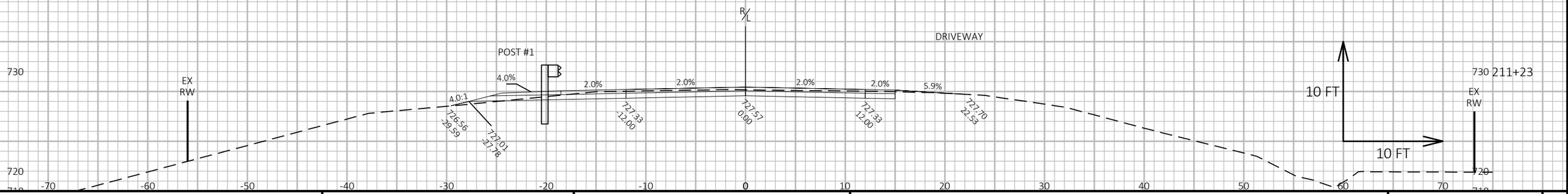
PLOT DATE : 7/7/2025 1:24 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







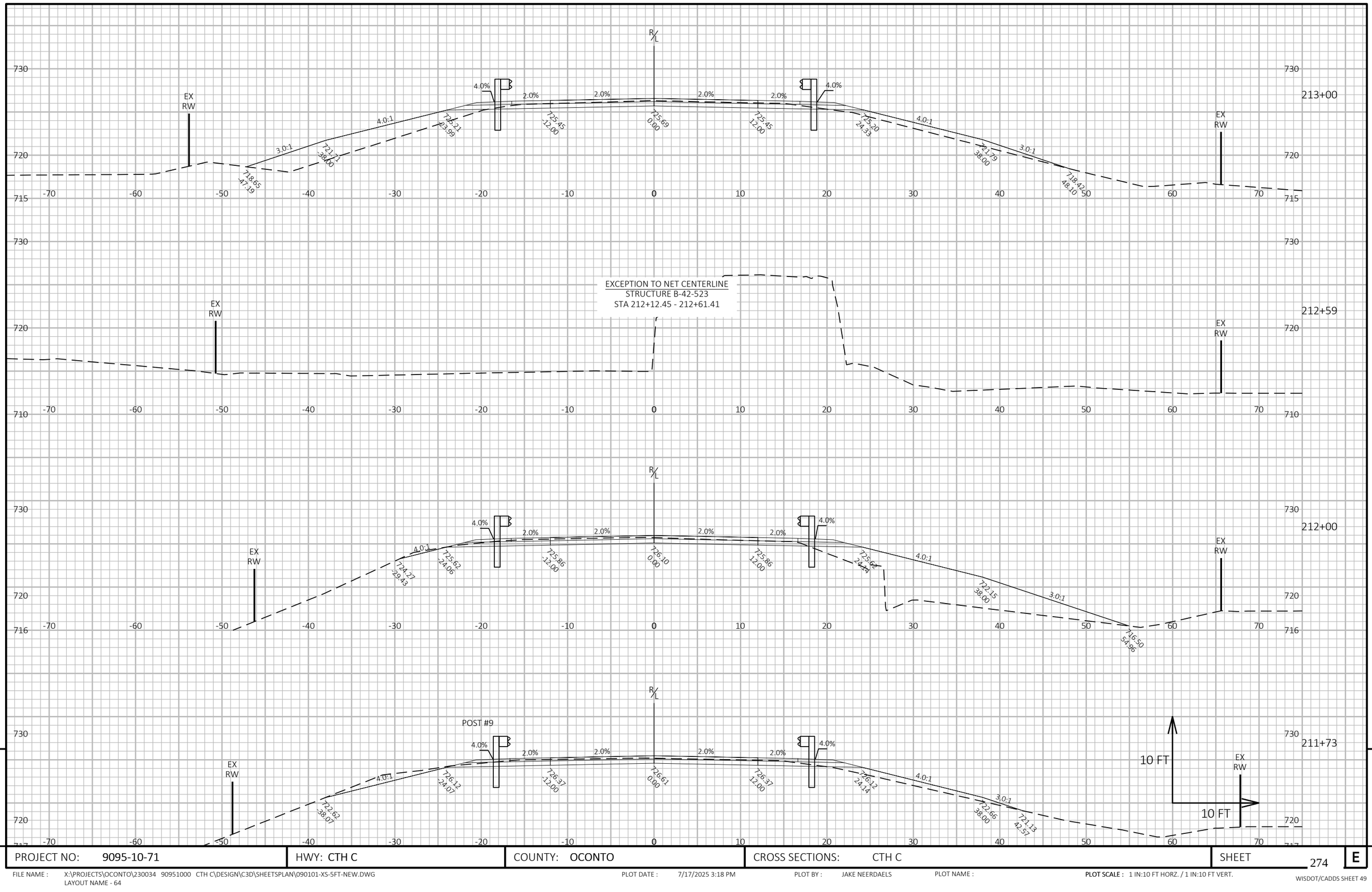


9 9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 273	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 63

PLOT DATE : 7/17/2025 3:18 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

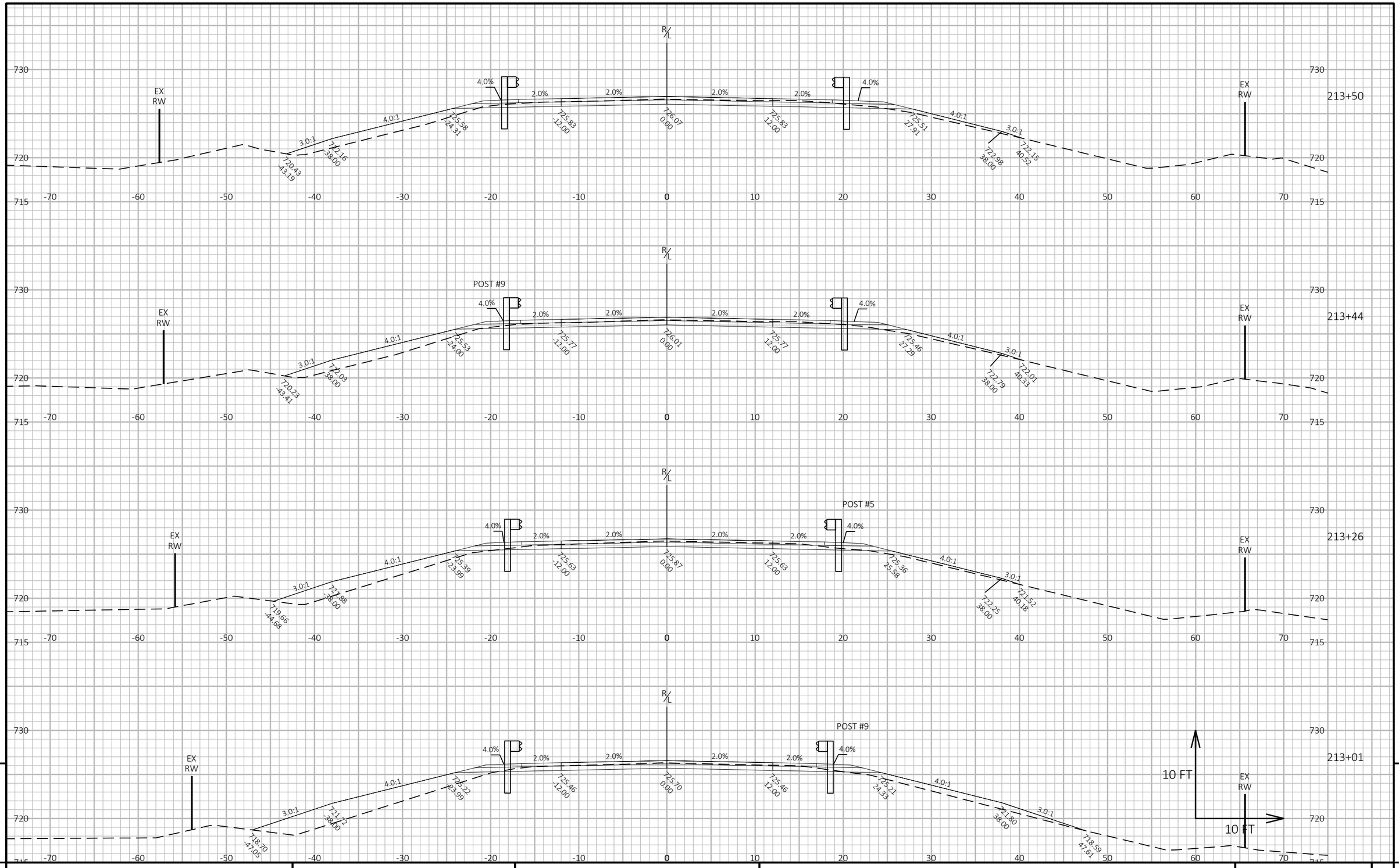
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 274	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 64

PLOT DATE : 7/17/2025 3:18 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

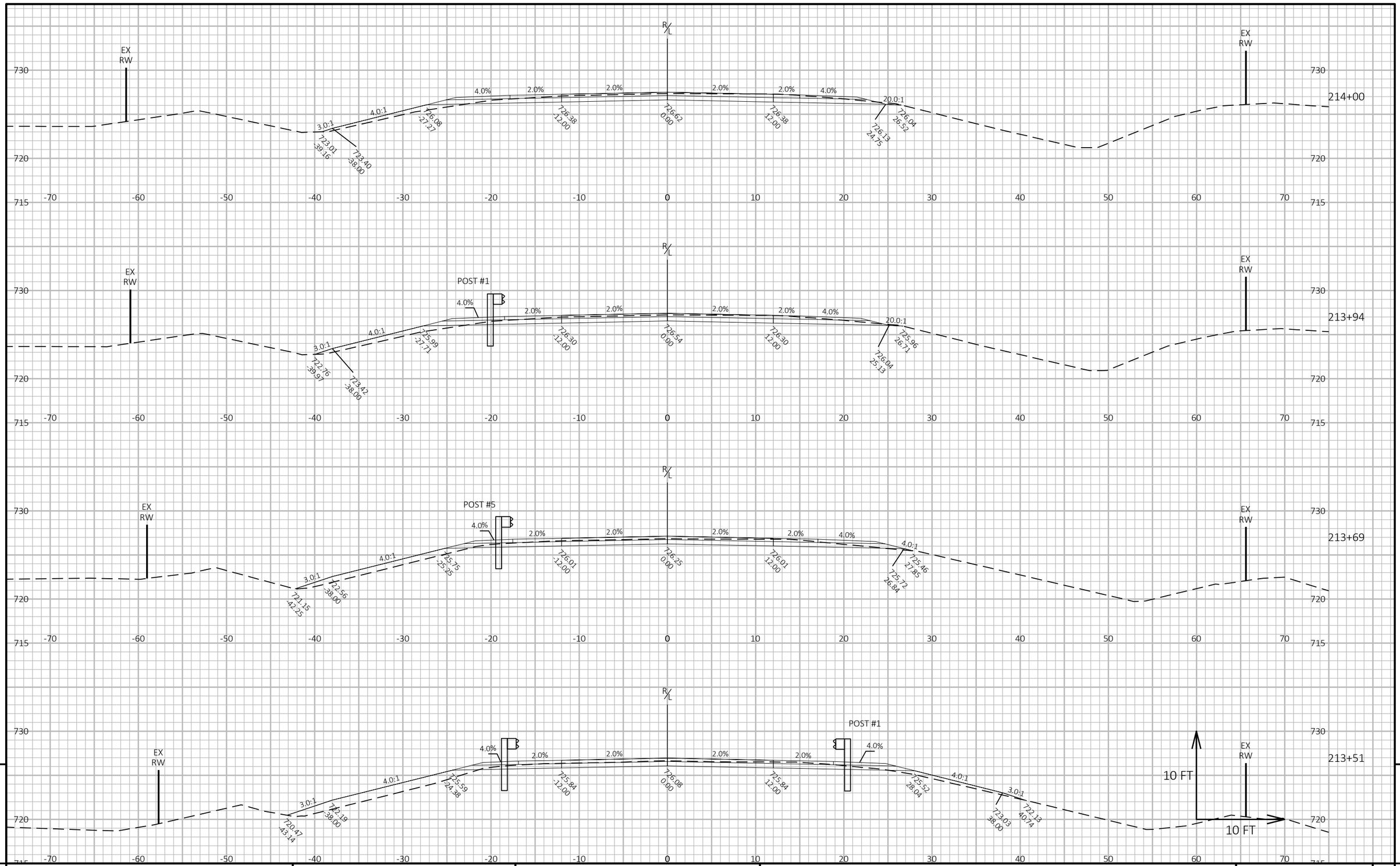
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 275	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 65

PLOT DATE : 7/17/2025 3:18 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

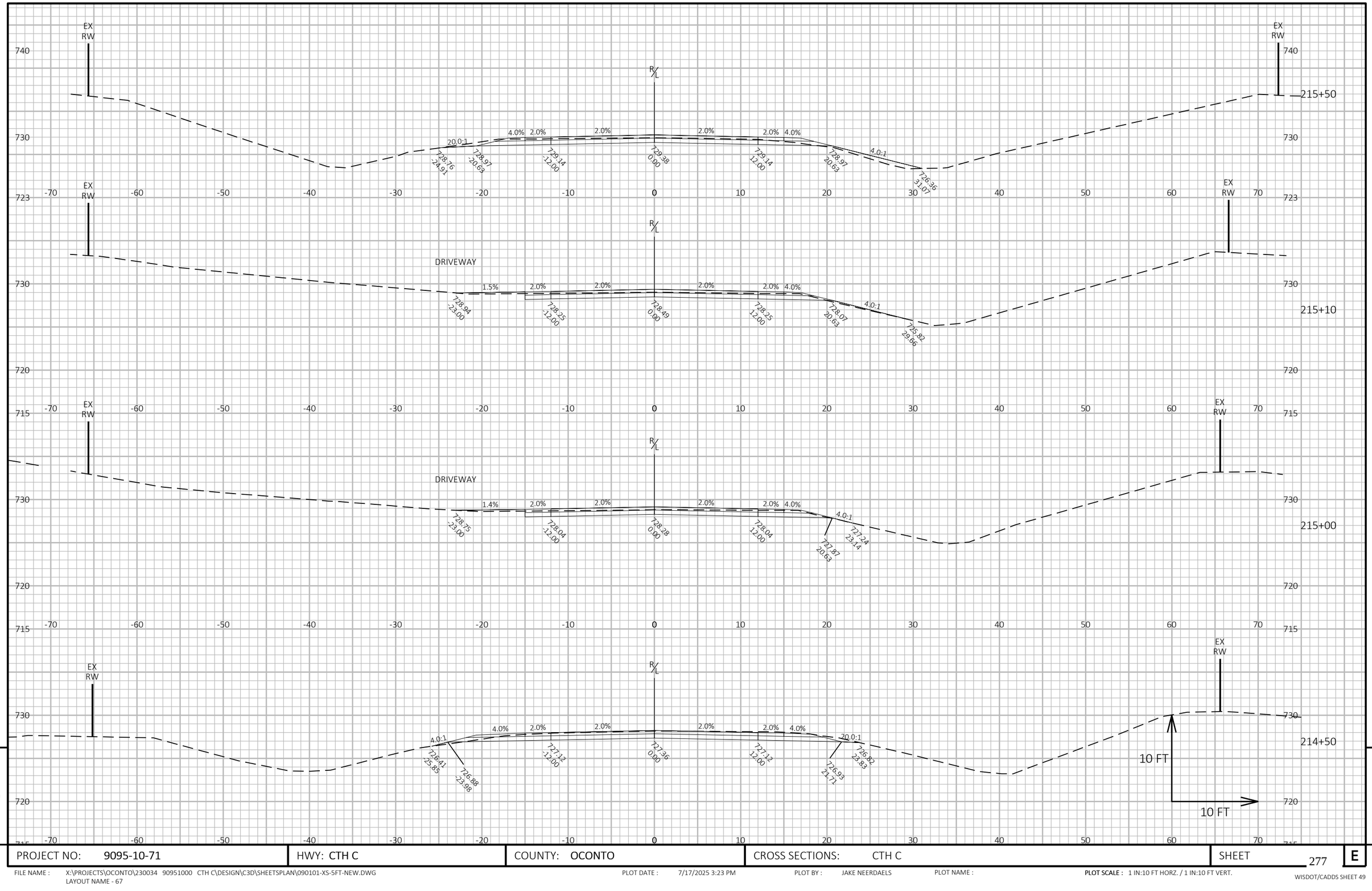


9 9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 276	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 66

PLOT DATE : 7/17/2025 3:18 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

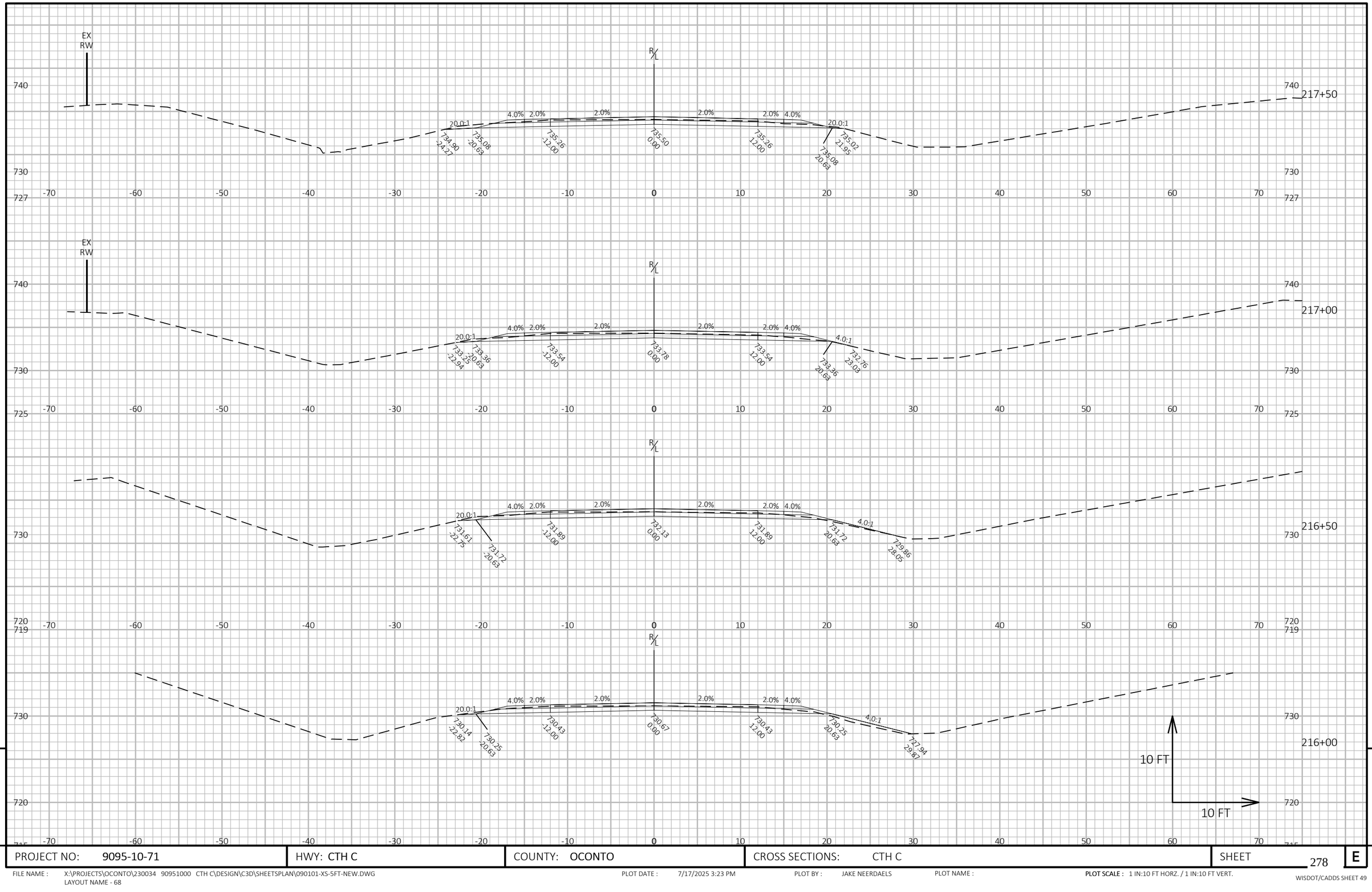


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 277	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 67

PLOT DATE : 7/17/2025 3:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

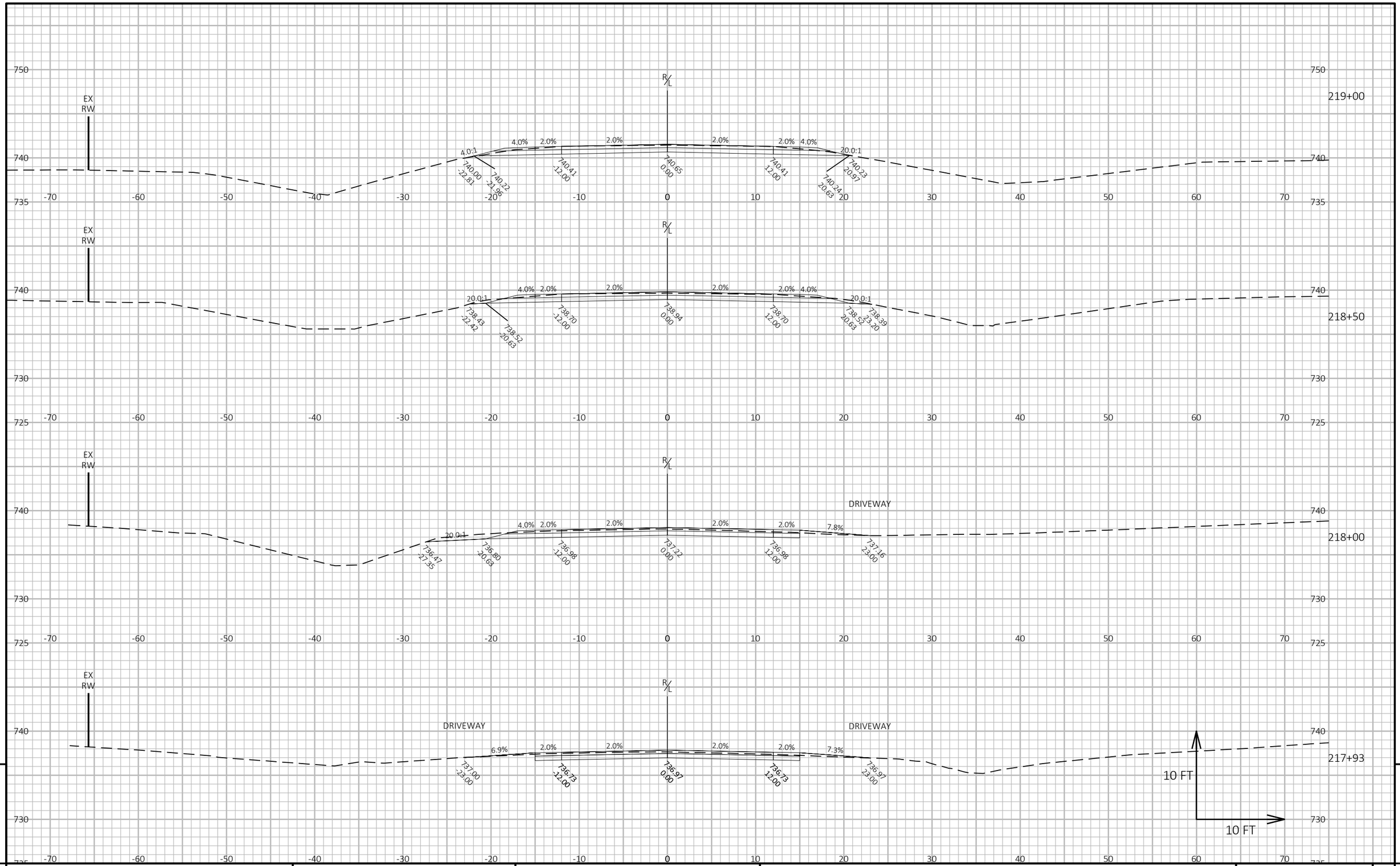
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 278	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 68

PLOT DATE : 7/17/2025 3:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

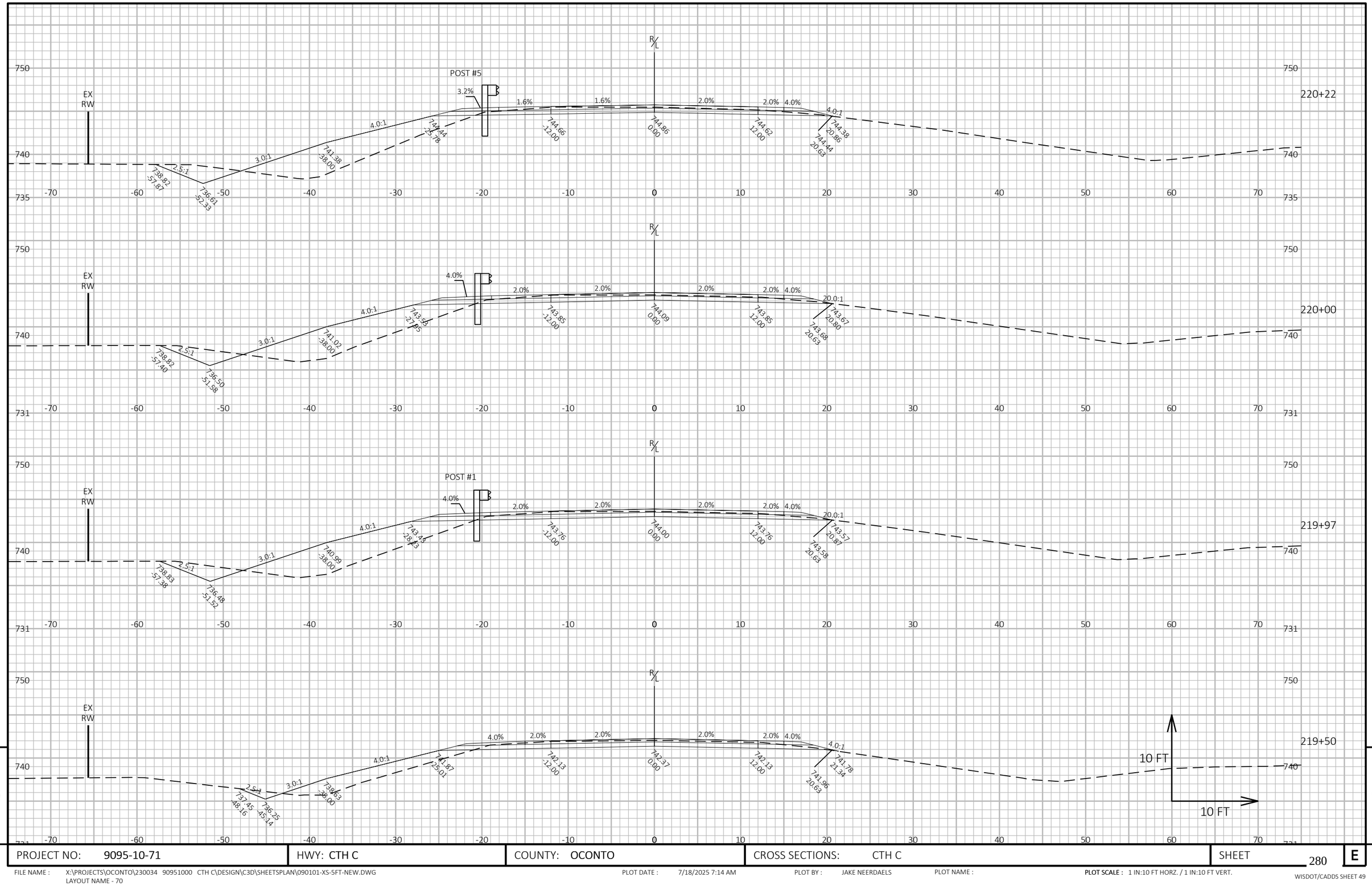
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 279	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 69

PLOT DATE : 7/17/2025 3:23 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



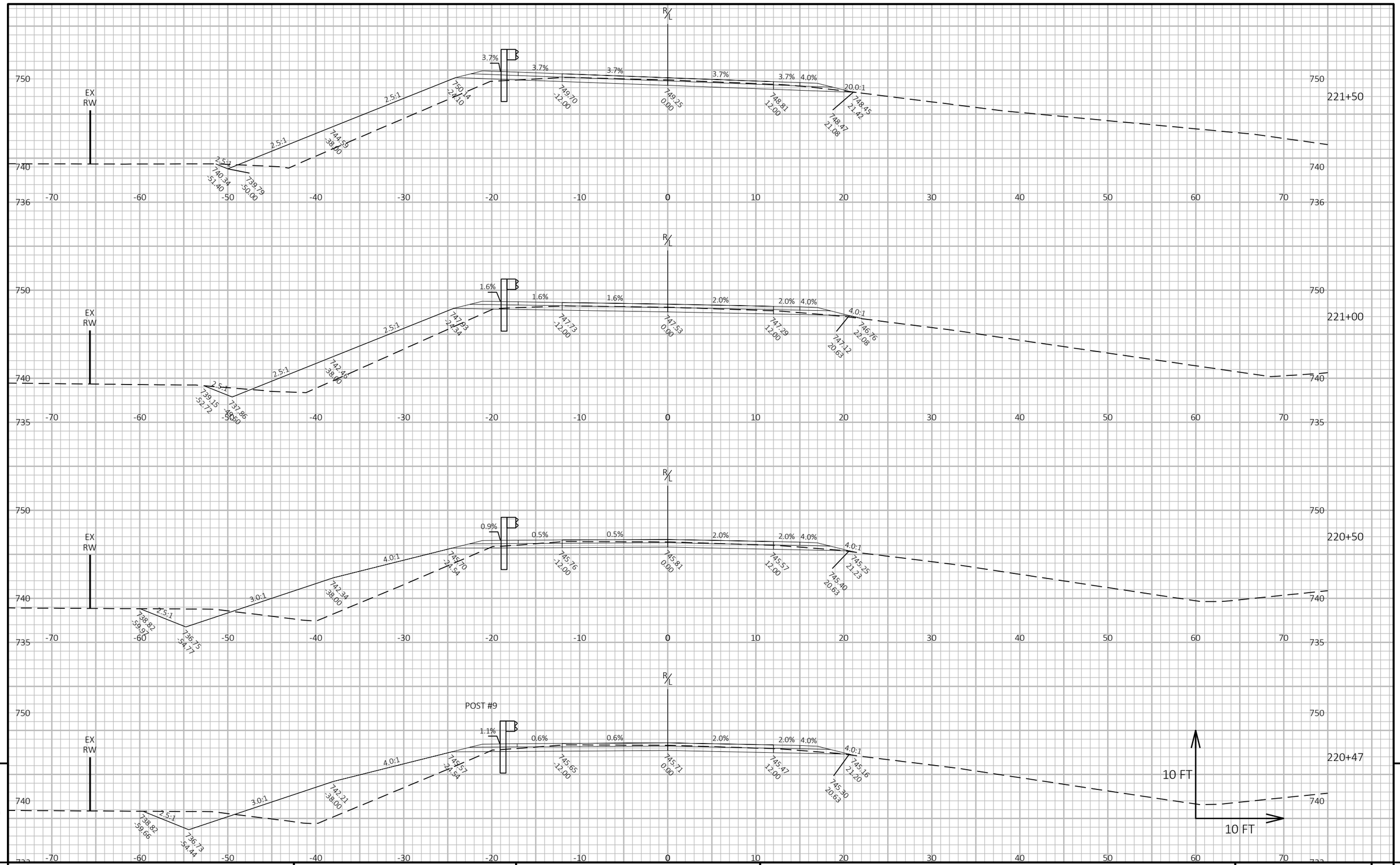
9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 280	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 70

PLOT DATE : 7/18/2025 7:14 AM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



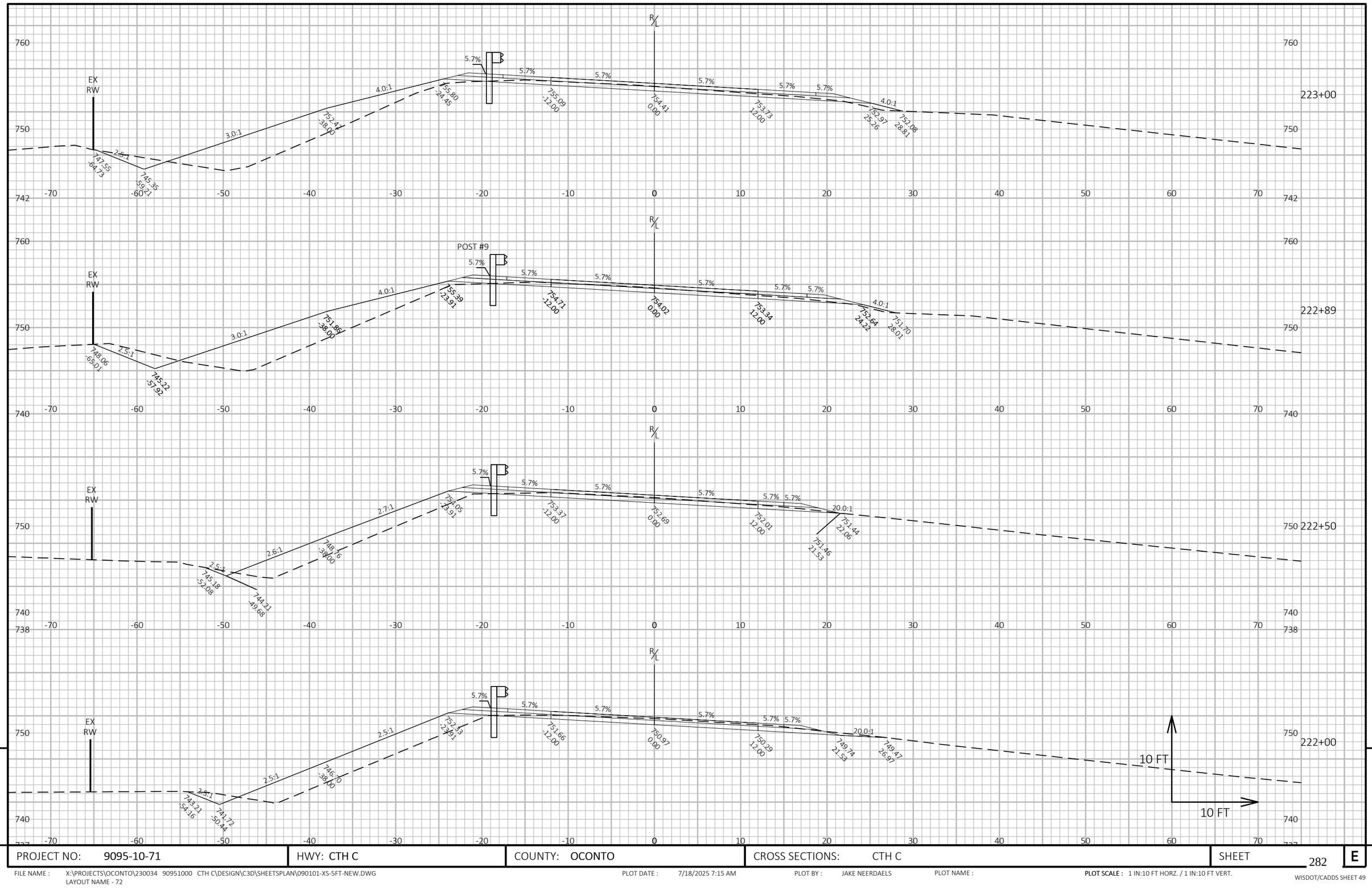
9 9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 281	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 71

PLOT DATE : 7/18/2025 7:15 AM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

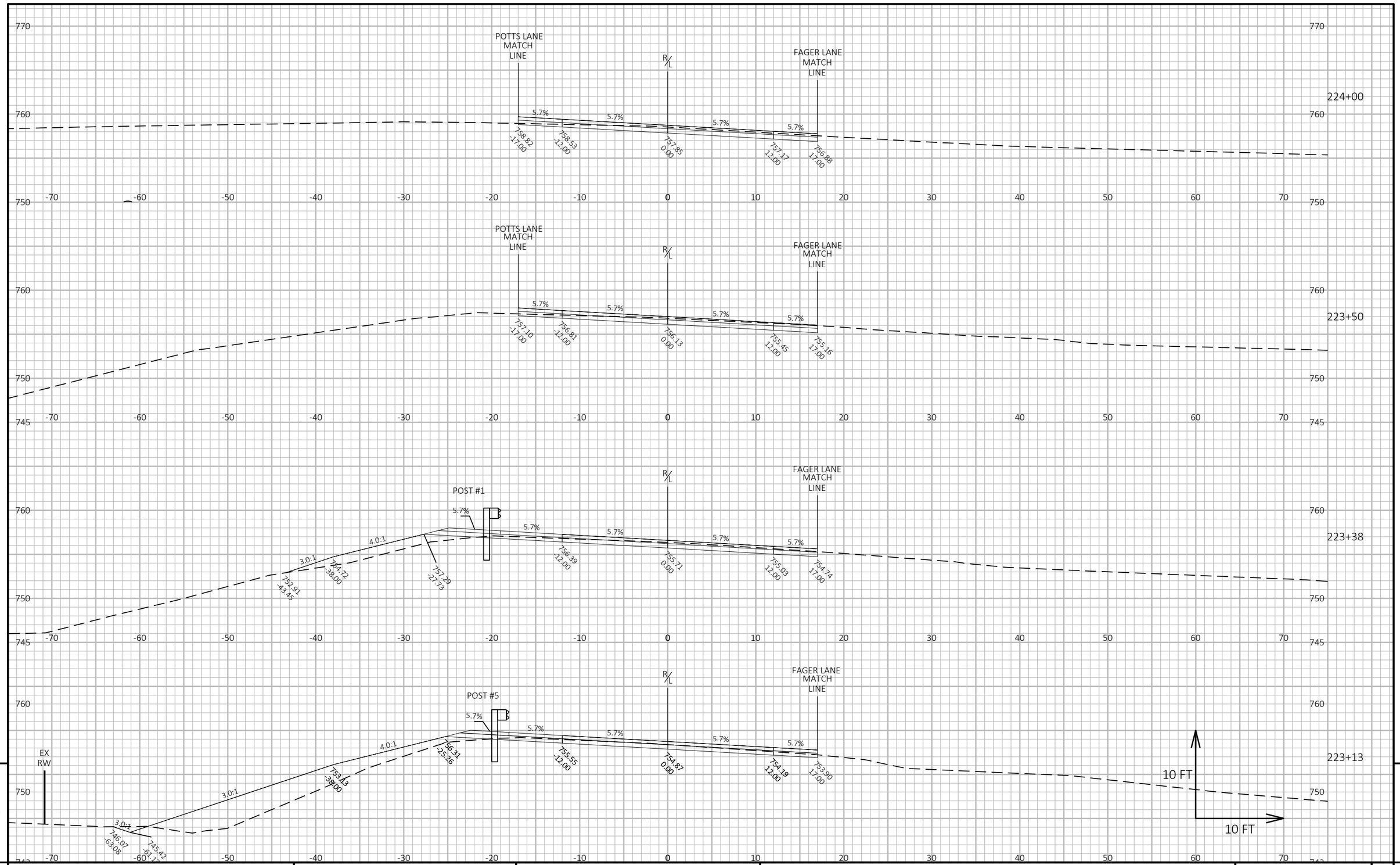


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 282	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 72

PLOT DATE : 7/18/2025 7:15 AM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

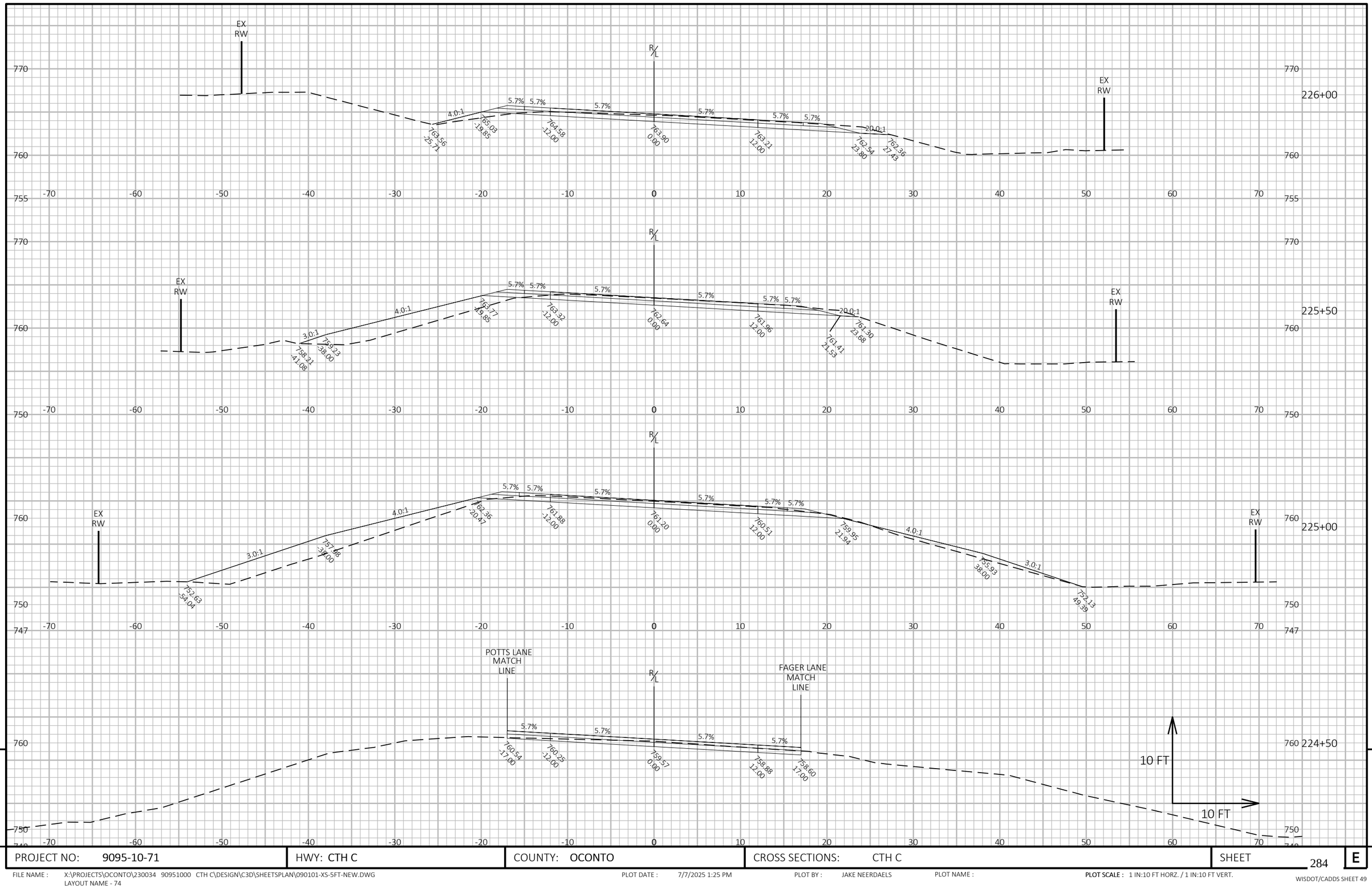


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 283	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 73

PLOT DATE : 7/18/2025 7:16 AM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

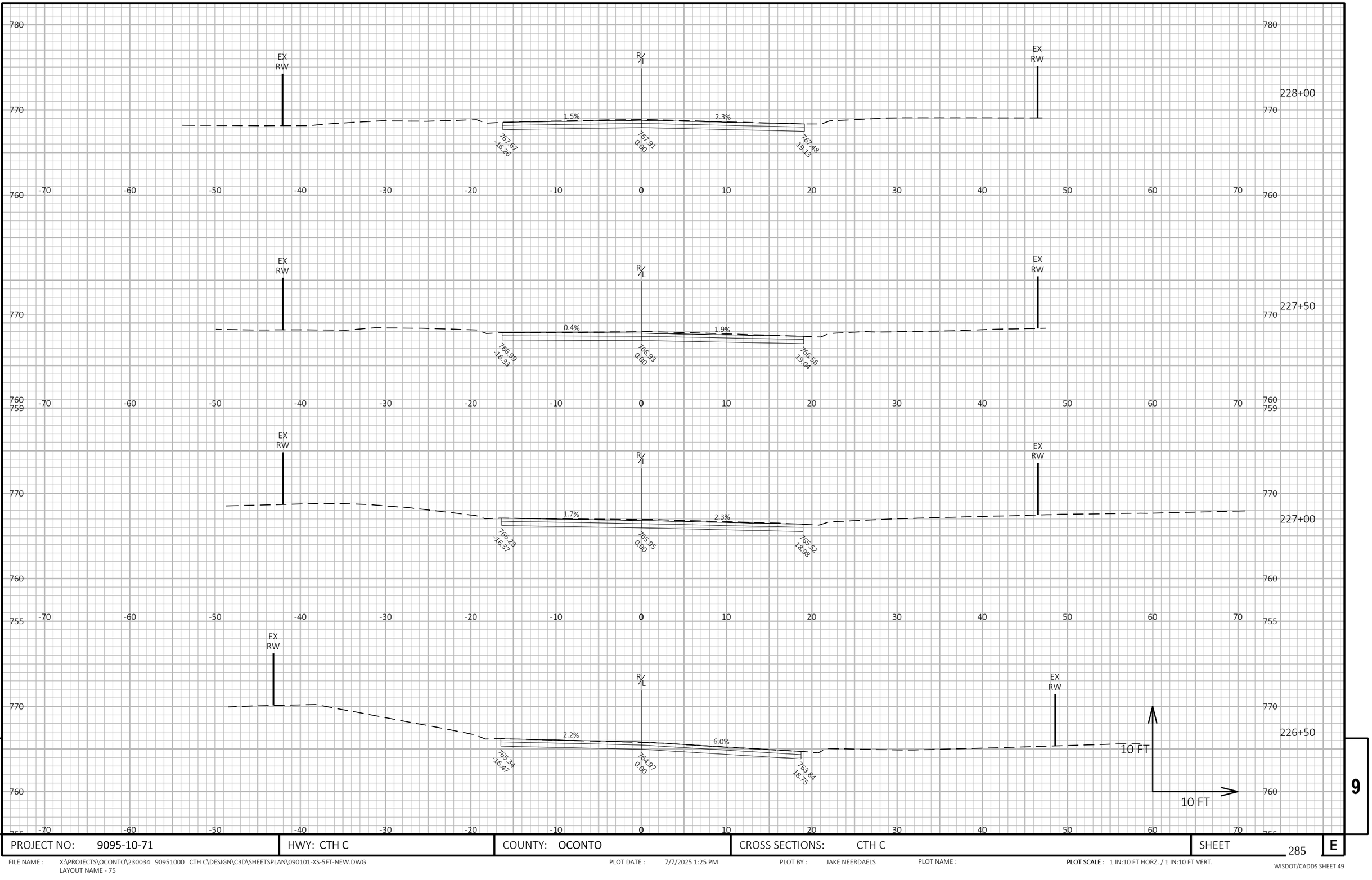
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 284	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 74

PLOT DATE : 7/7/2025 1:25 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 285	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 75

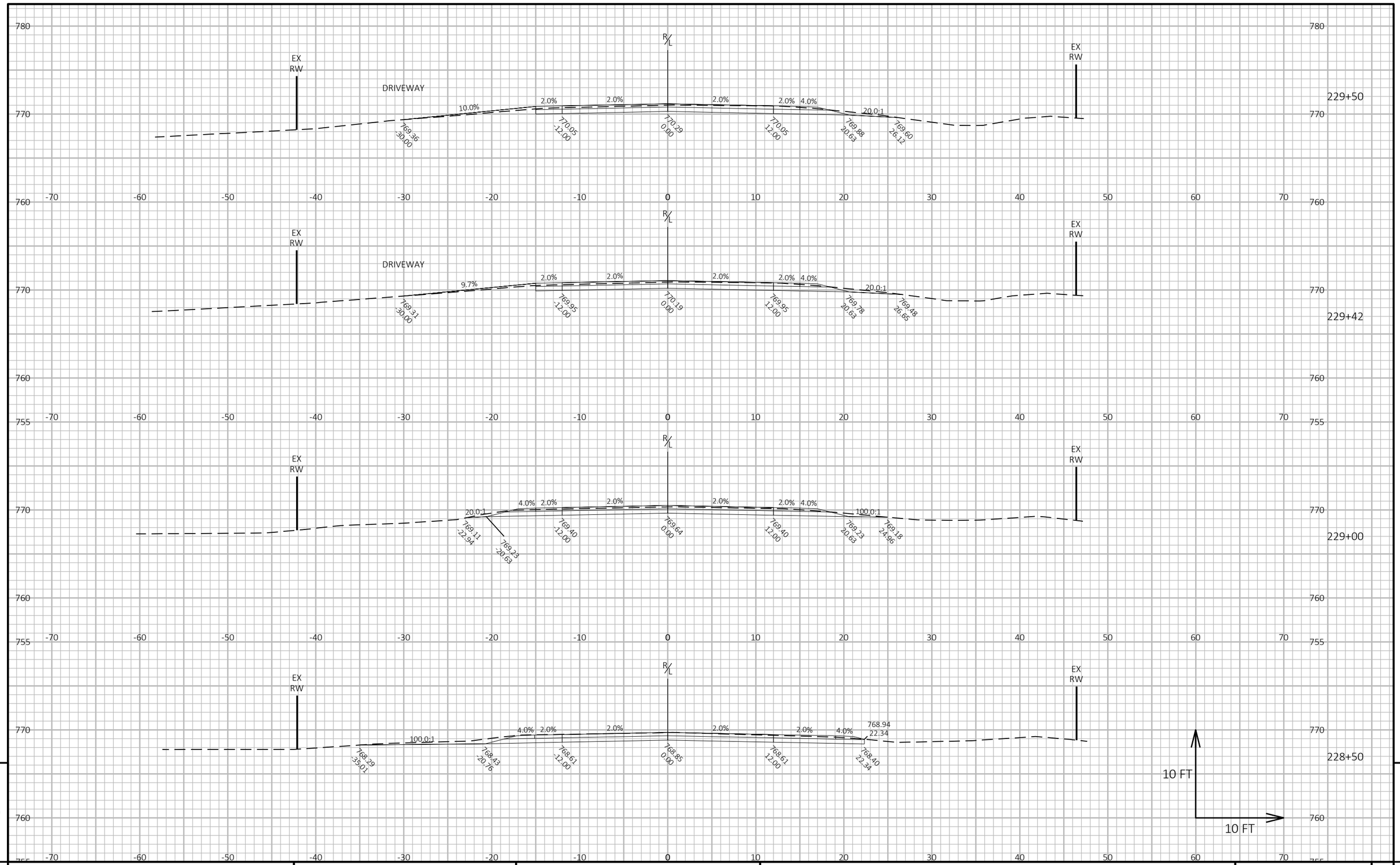
PLOT DATE : 7/7/2025 1:25 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



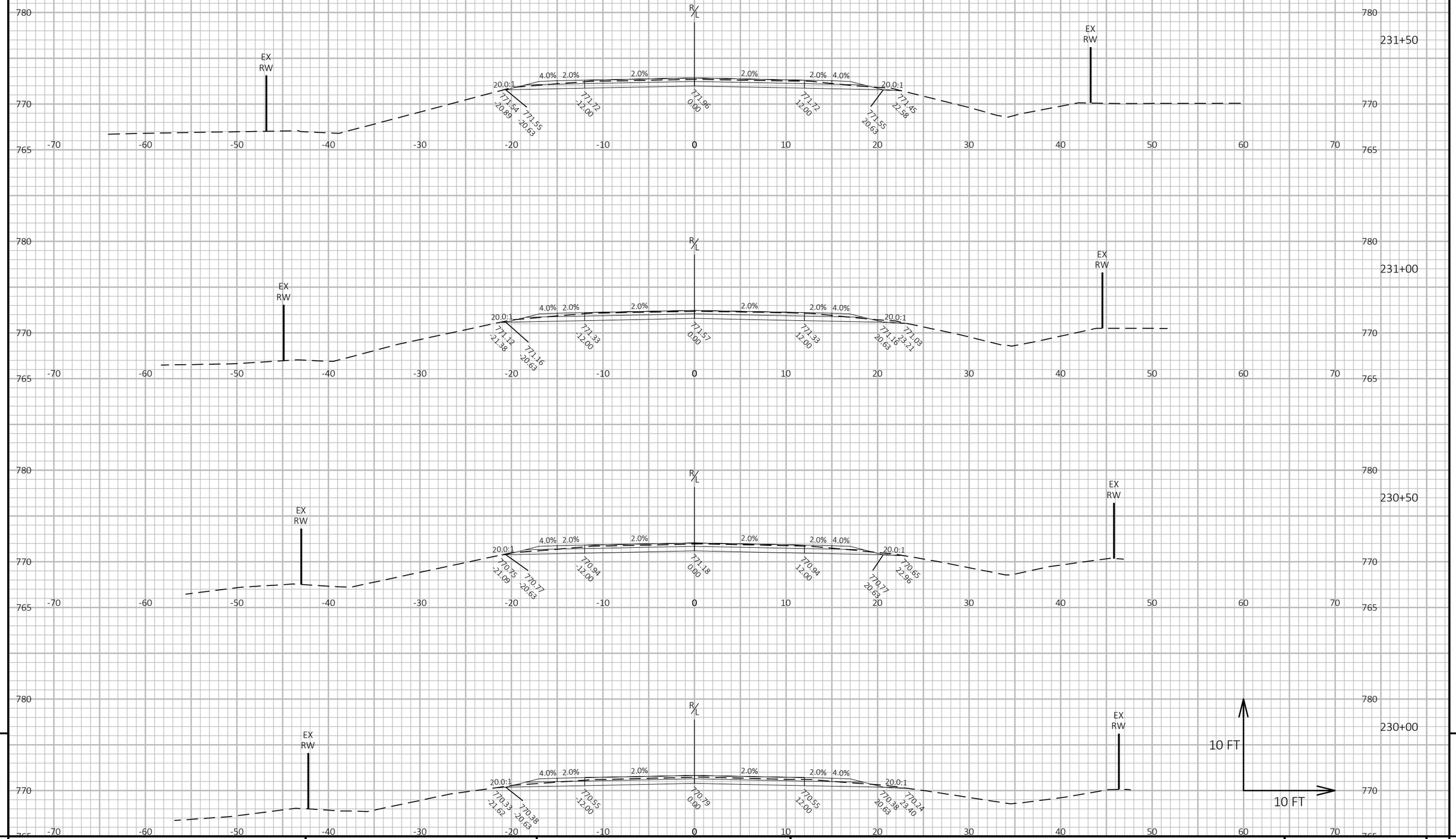
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 286	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 76

PLOT DATE : 7/7/2025 1:25 PM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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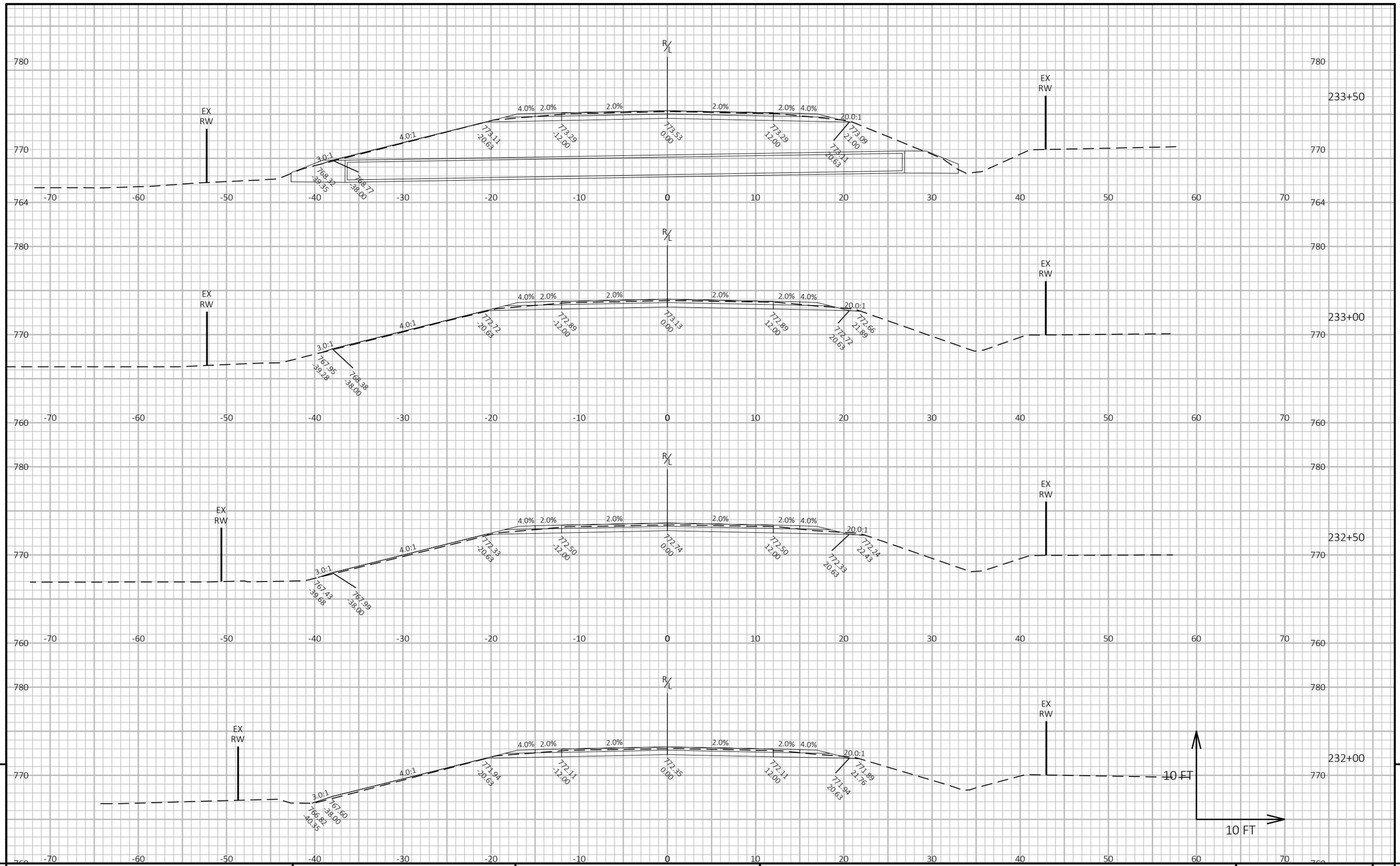
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 287	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 77

PLOT DATE : 7/7/2025 1:25 PM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

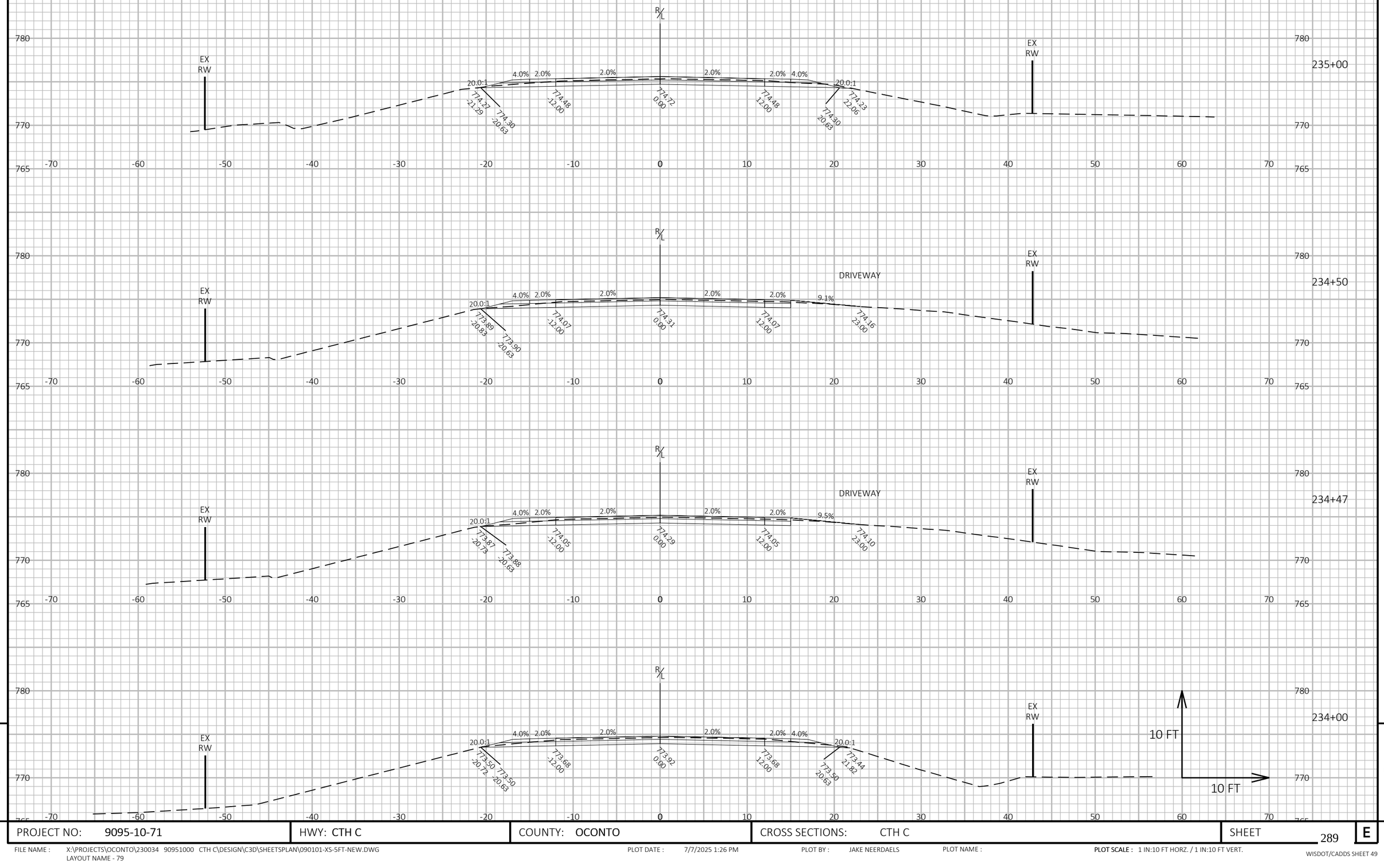


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 288	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 78

PLOT DATE : 7/7/2025 2:21 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

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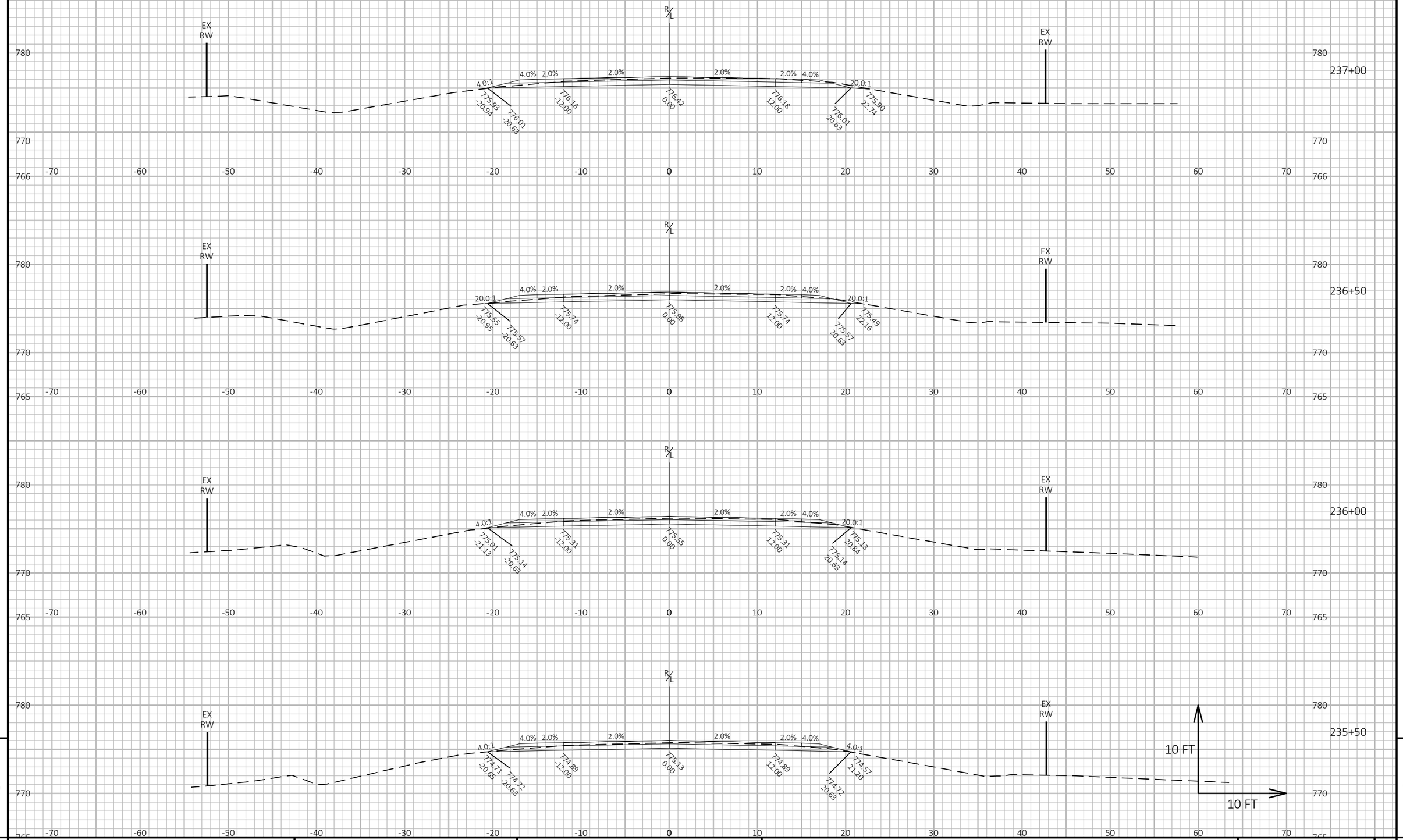
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 289	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 79

PLOT DATE : 7/7/2025 1:26 PM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

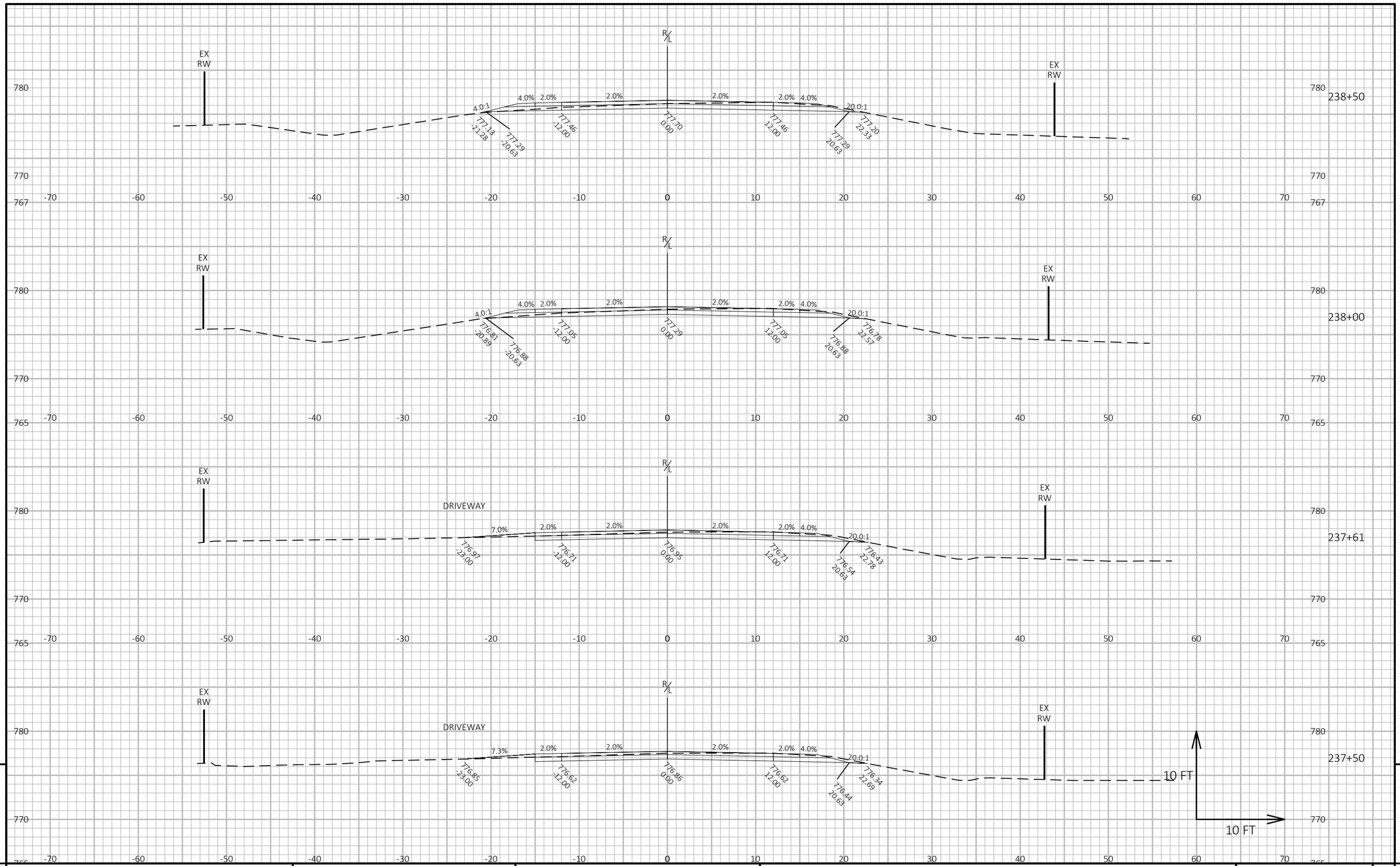
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 290	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 80

PLOT DATE : 7/7/2025 1:26 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

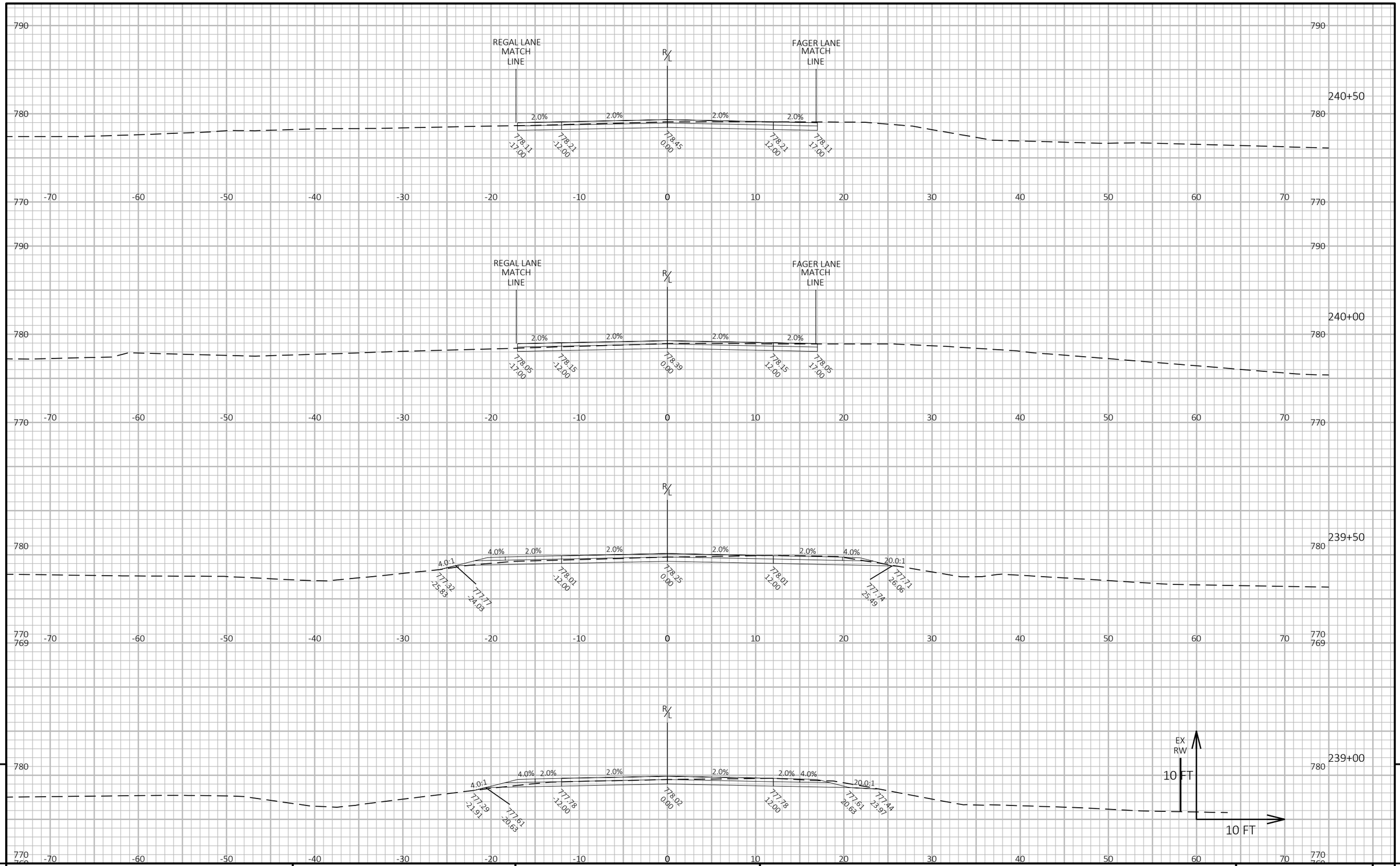
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 291	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 81

PLOT DATE : 7/7/2025 1:26 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

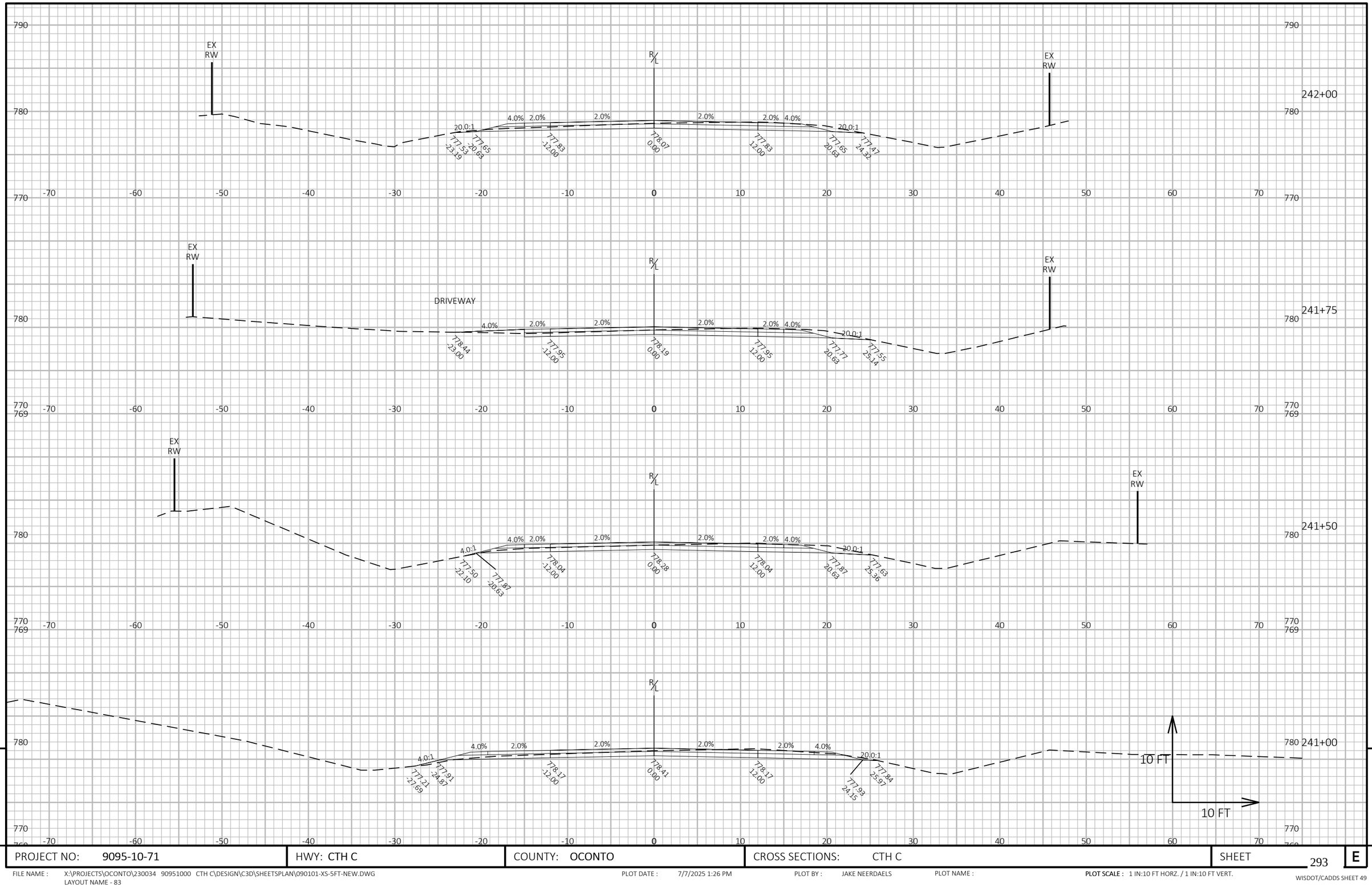
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 292	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 82

PLOT DATE : 7/7/2025 1:26 PM PLOT BY : JAKE NEERDAELS 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: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 293	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 83

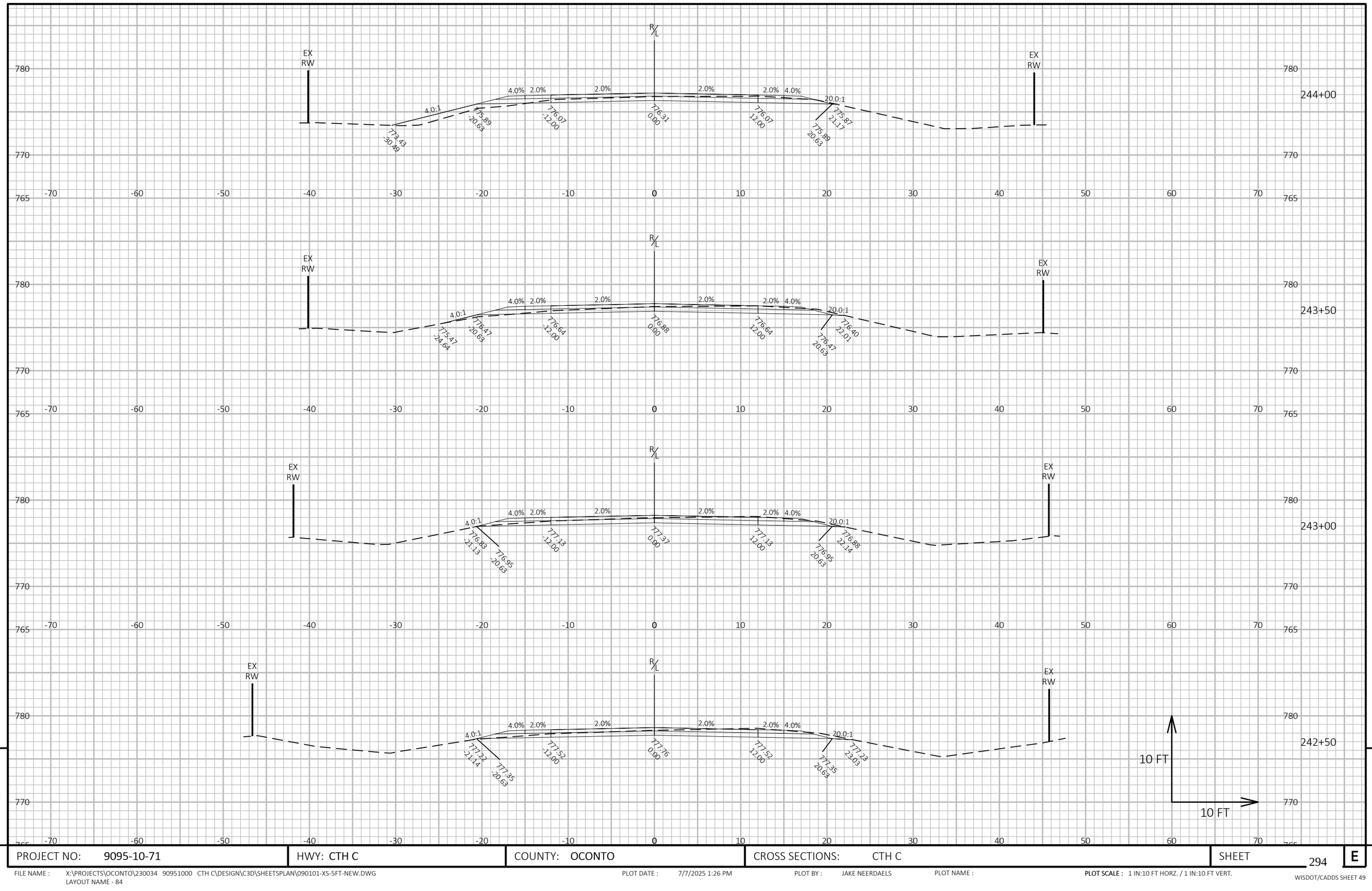
PLOT DATE : 7/7/2025 1:26 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 294	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 84

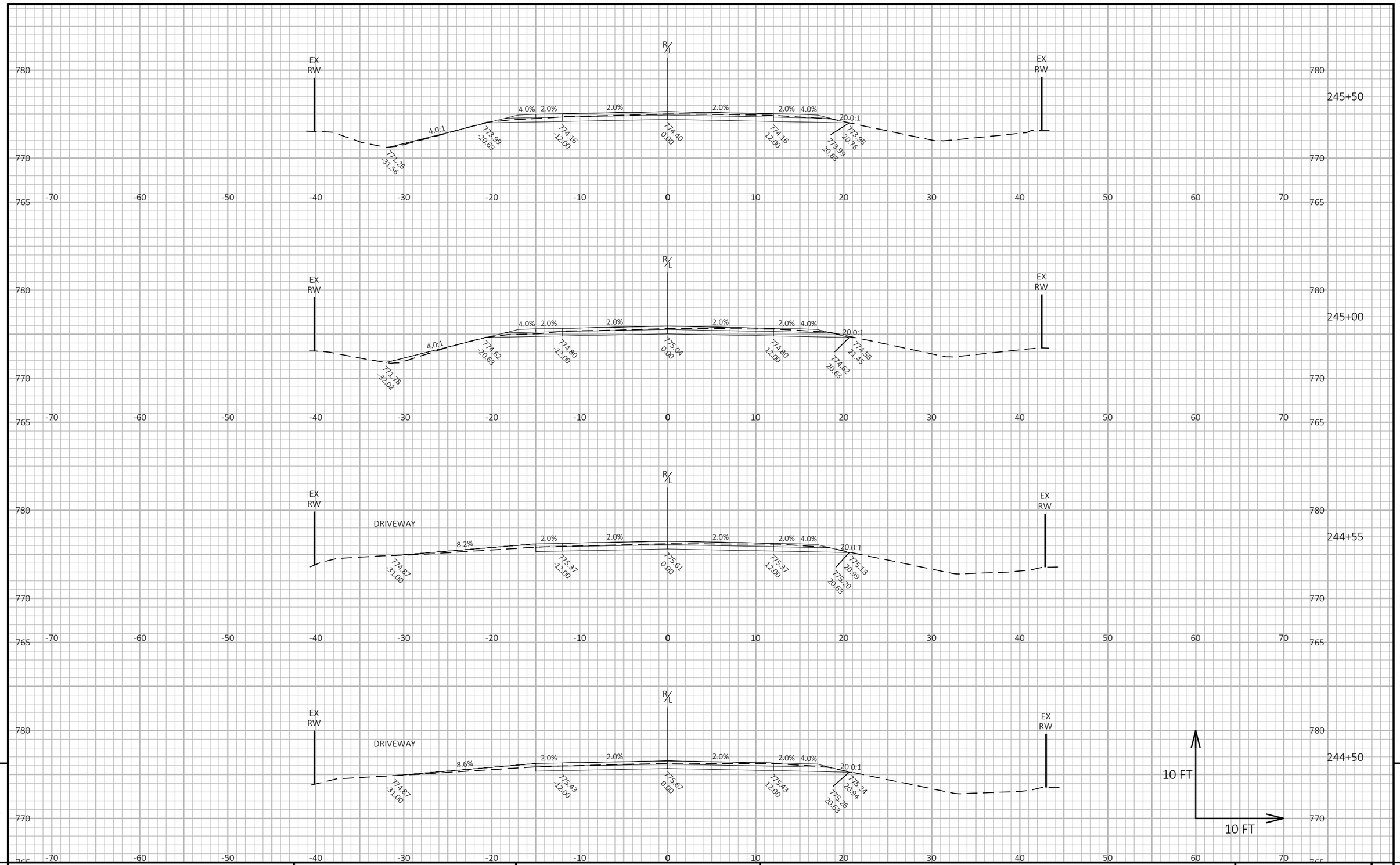
PLOT DATE : 7/7/2025 1:26 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

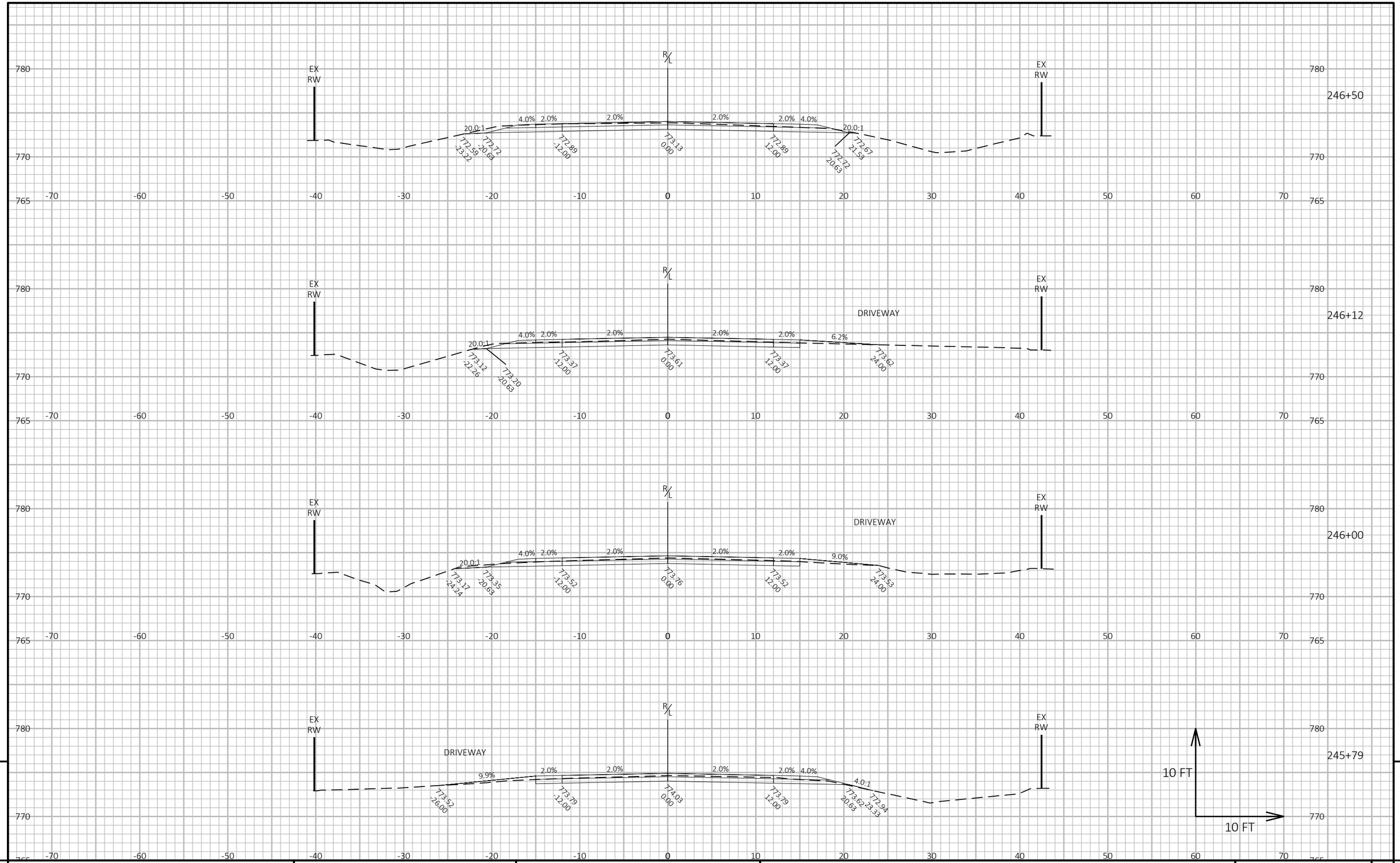
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 295	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 85

PLOT DATE : 7/7/2025 1:26 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

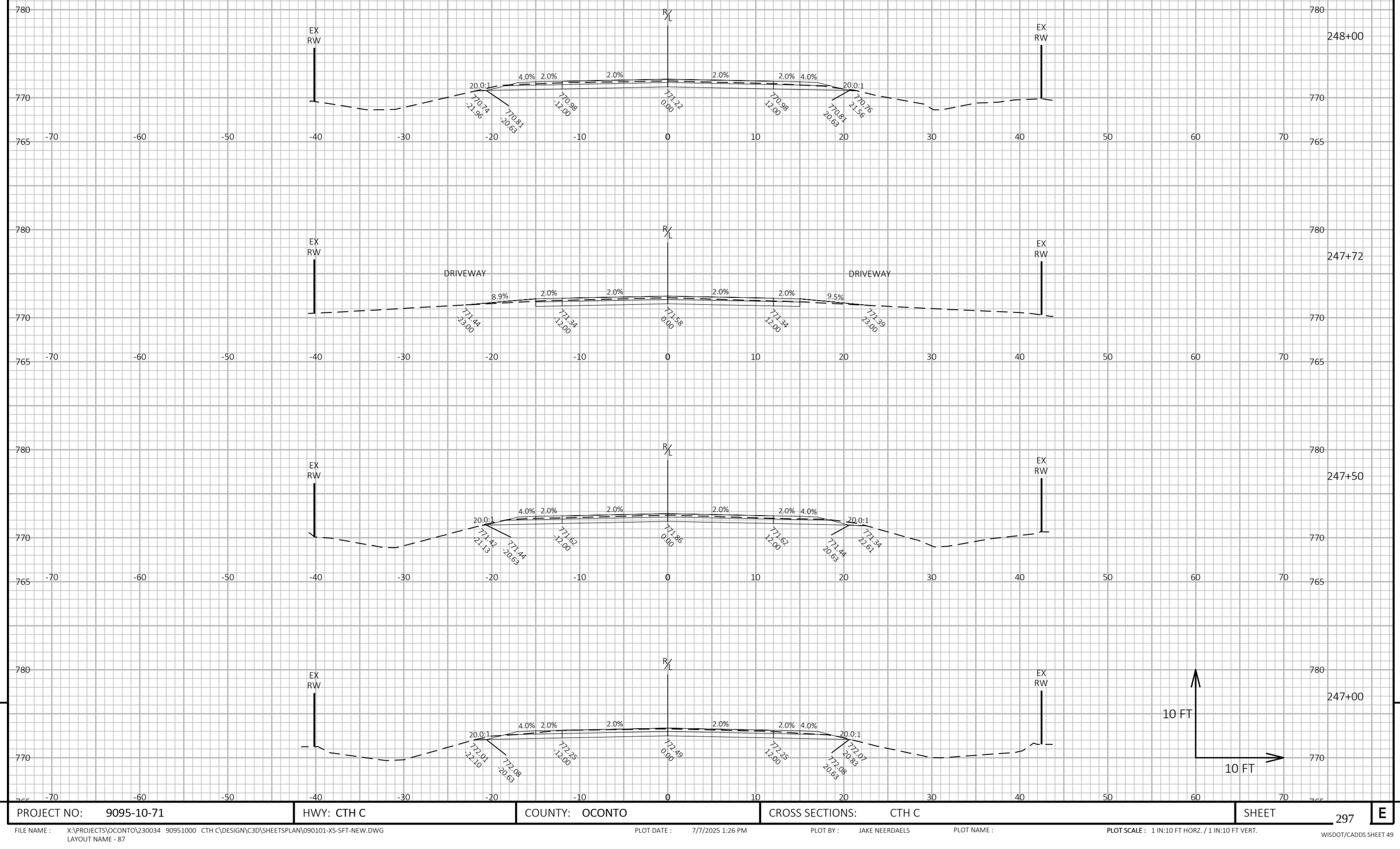
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 296	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 86

PLOT DATE : 7/7/2025 1:26 PM PLOT BY : JAKE NEERDAELS 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: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 297	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 87

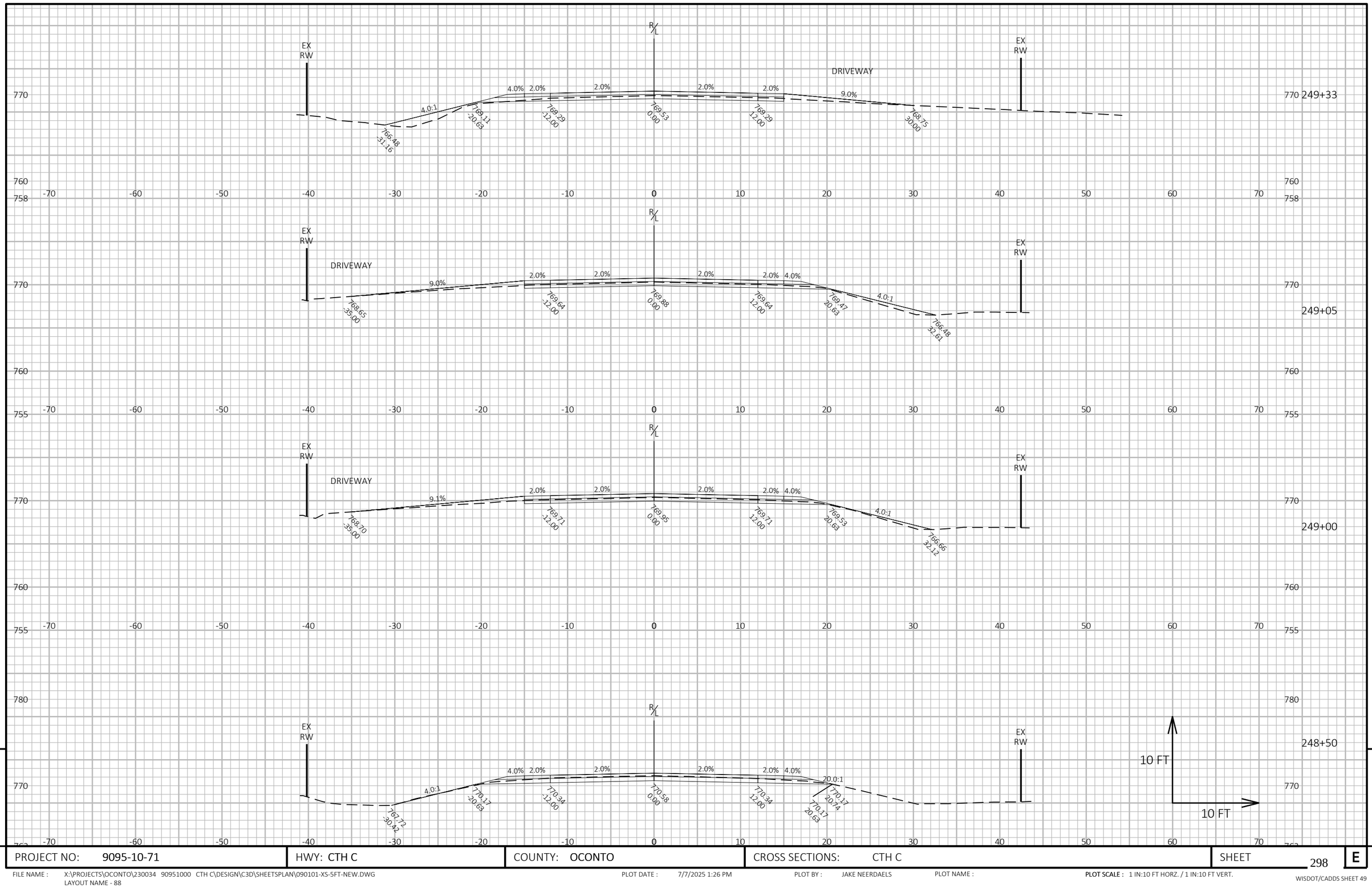
PLOT DATE : 7/7/2025 1:26 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

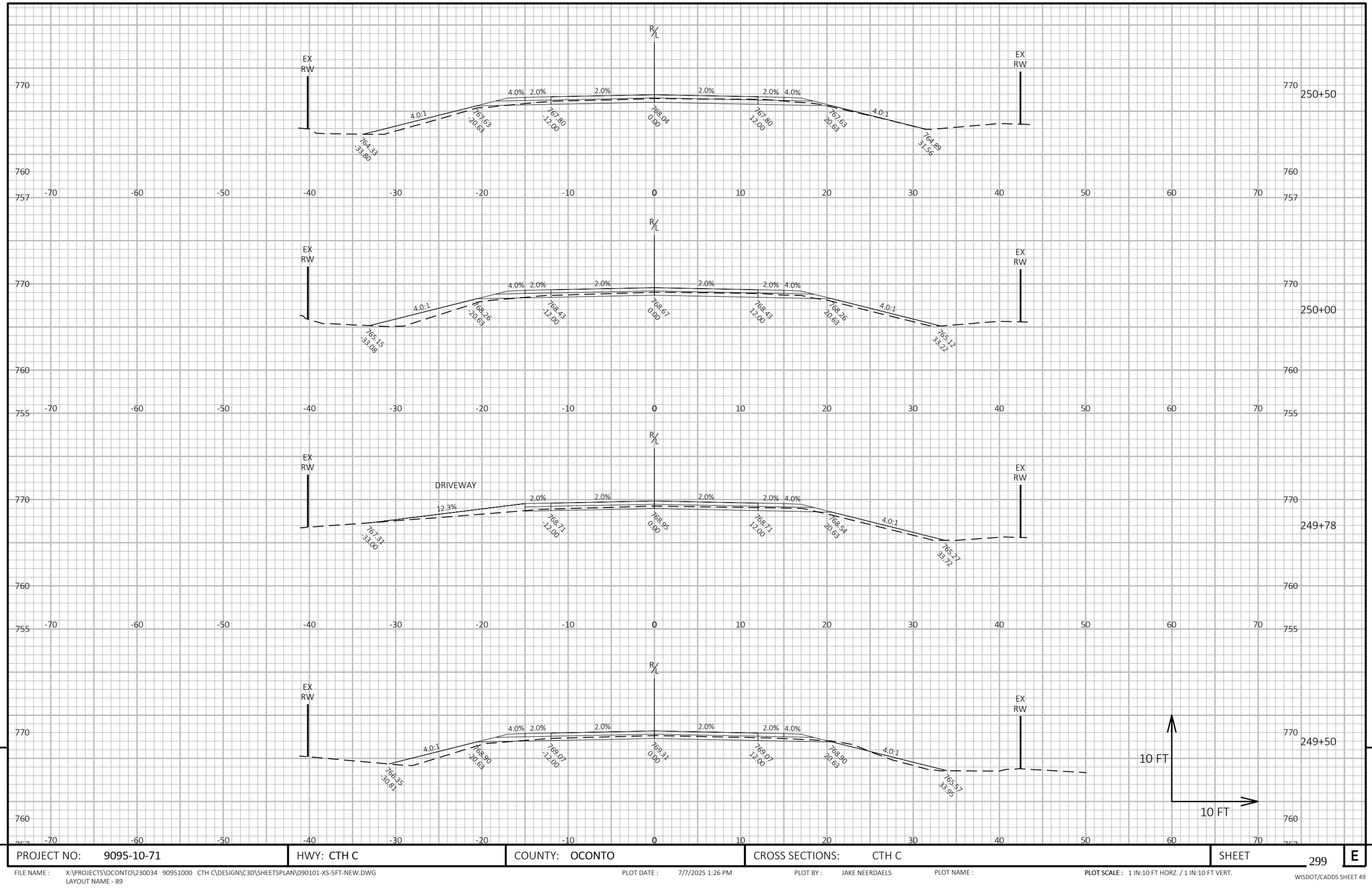


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 298 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 88

PLOT DATE : 7/7/2025 1:26 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 299	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 89

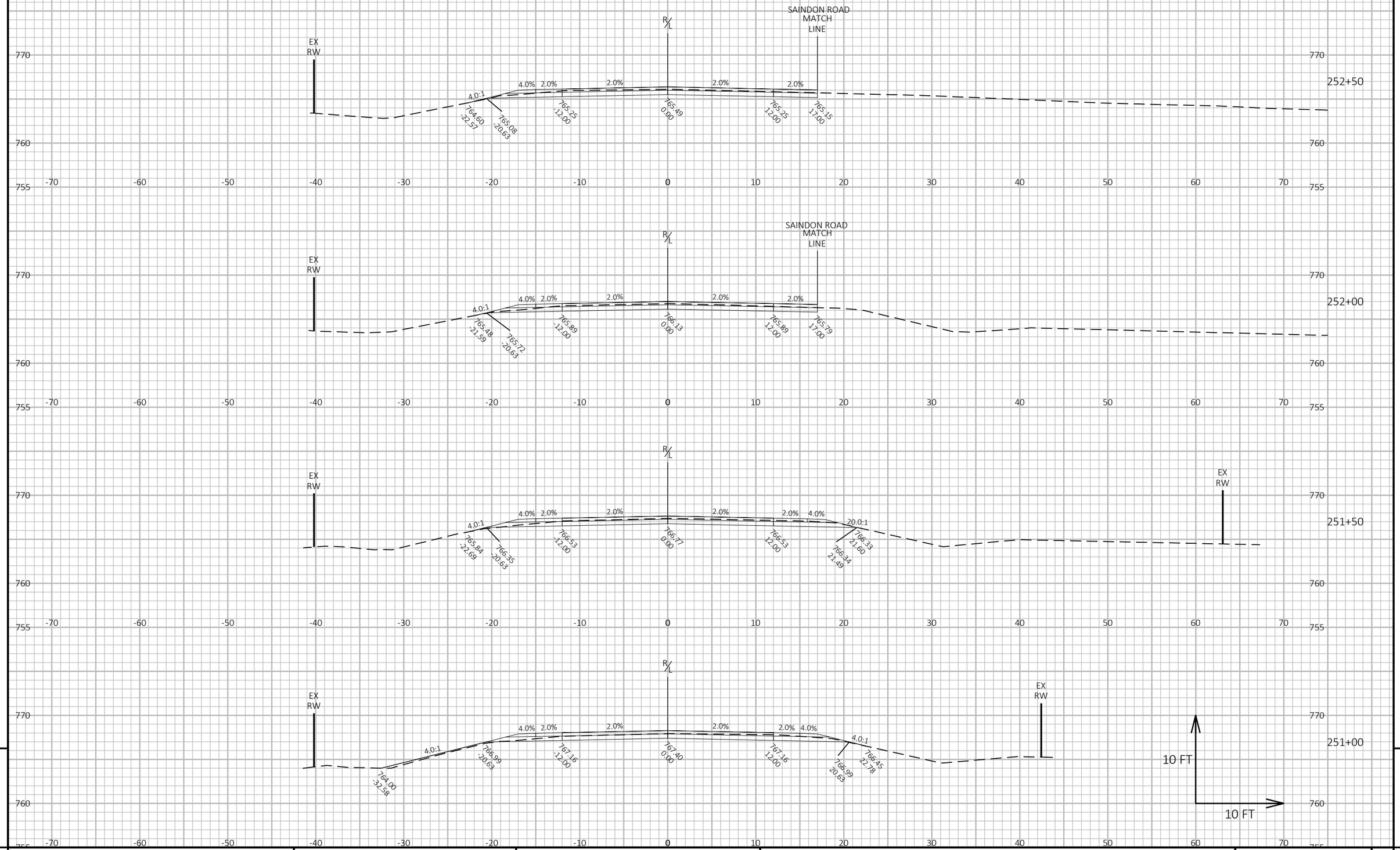
PLOT DATE : 7/7/2025 1:26 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 300	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 90

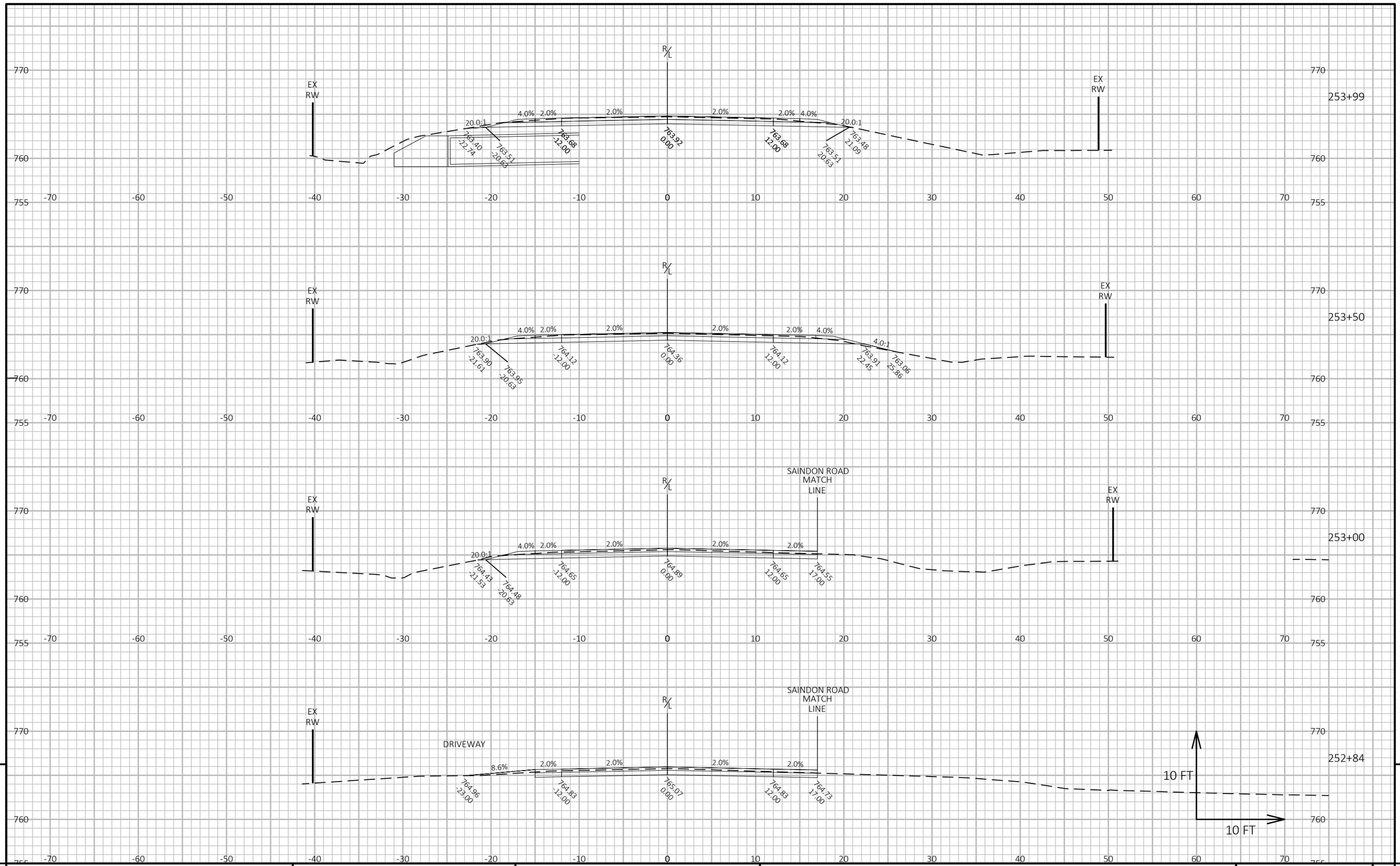
PLOT DATE : 7/7/2025 1:26 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

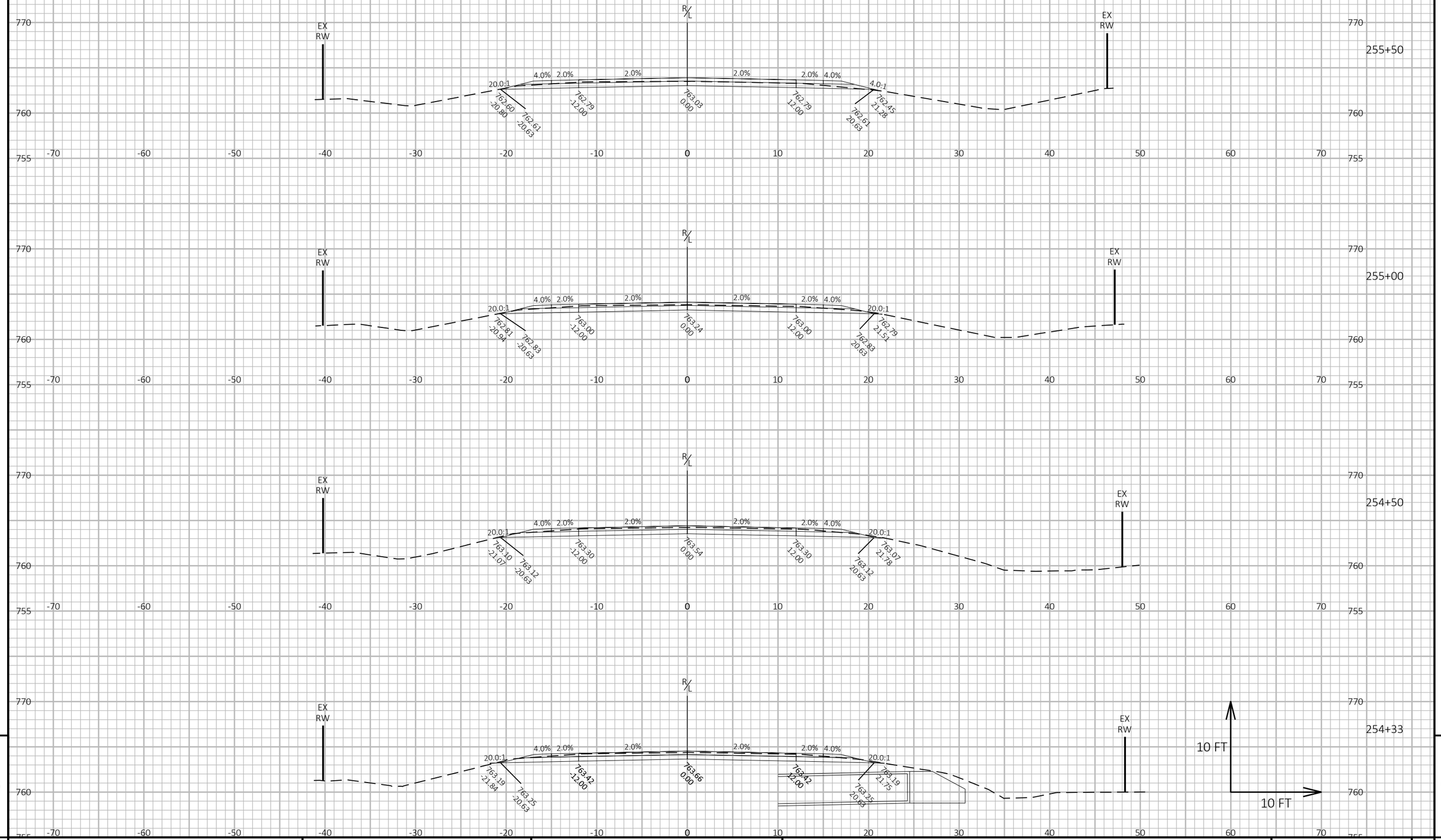
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 301	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 91

PLOT DATE : 7/18/2025 8:47 AM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9 9

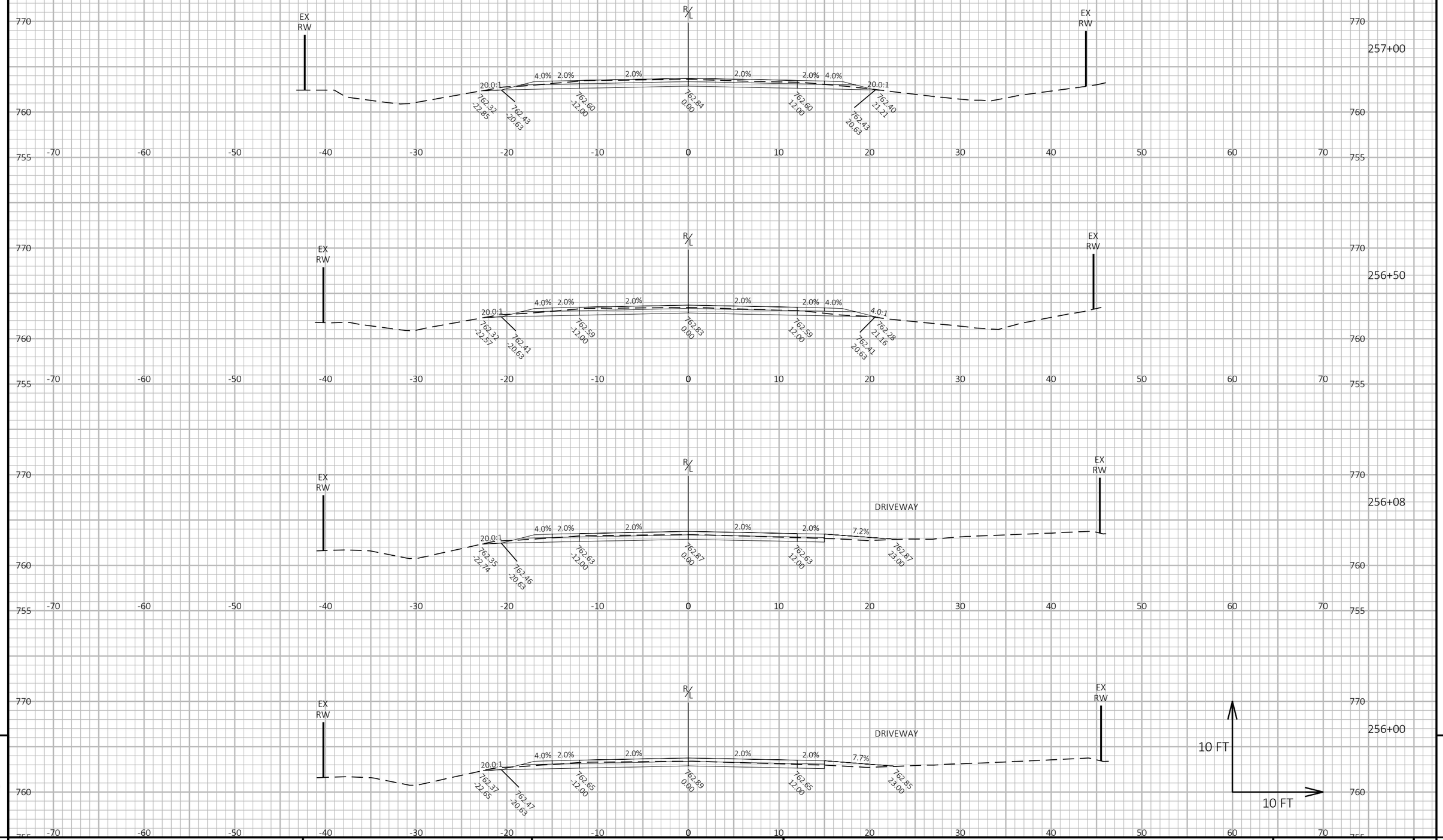
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 302	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 92

PLOT DATE : 7/18/2025 8:45 AM PLOT BY : JAKE NEERDAELS PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

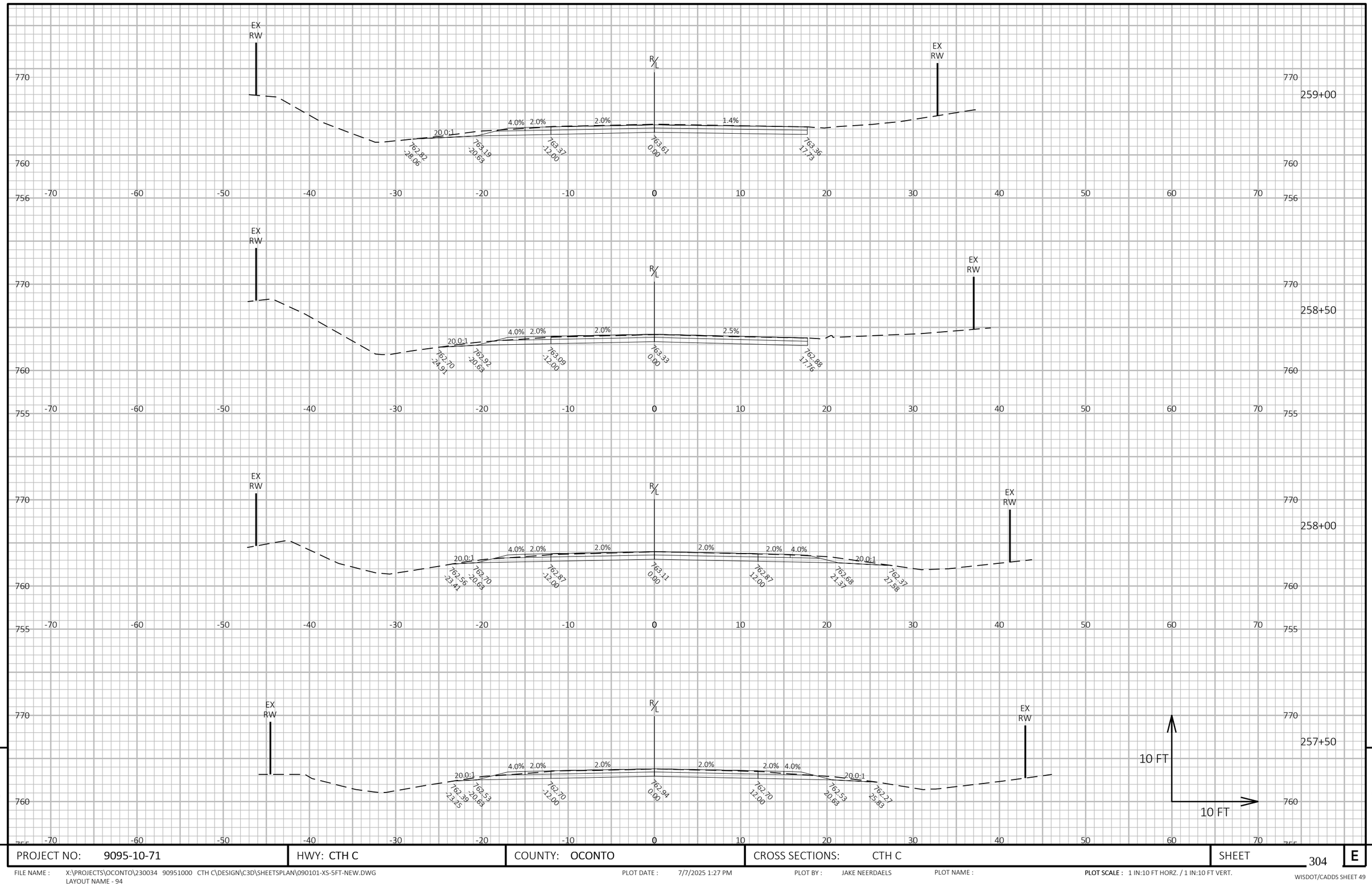


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 303	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 93

PLOT DATE : 7/7/2025 1:27 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 304	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 94

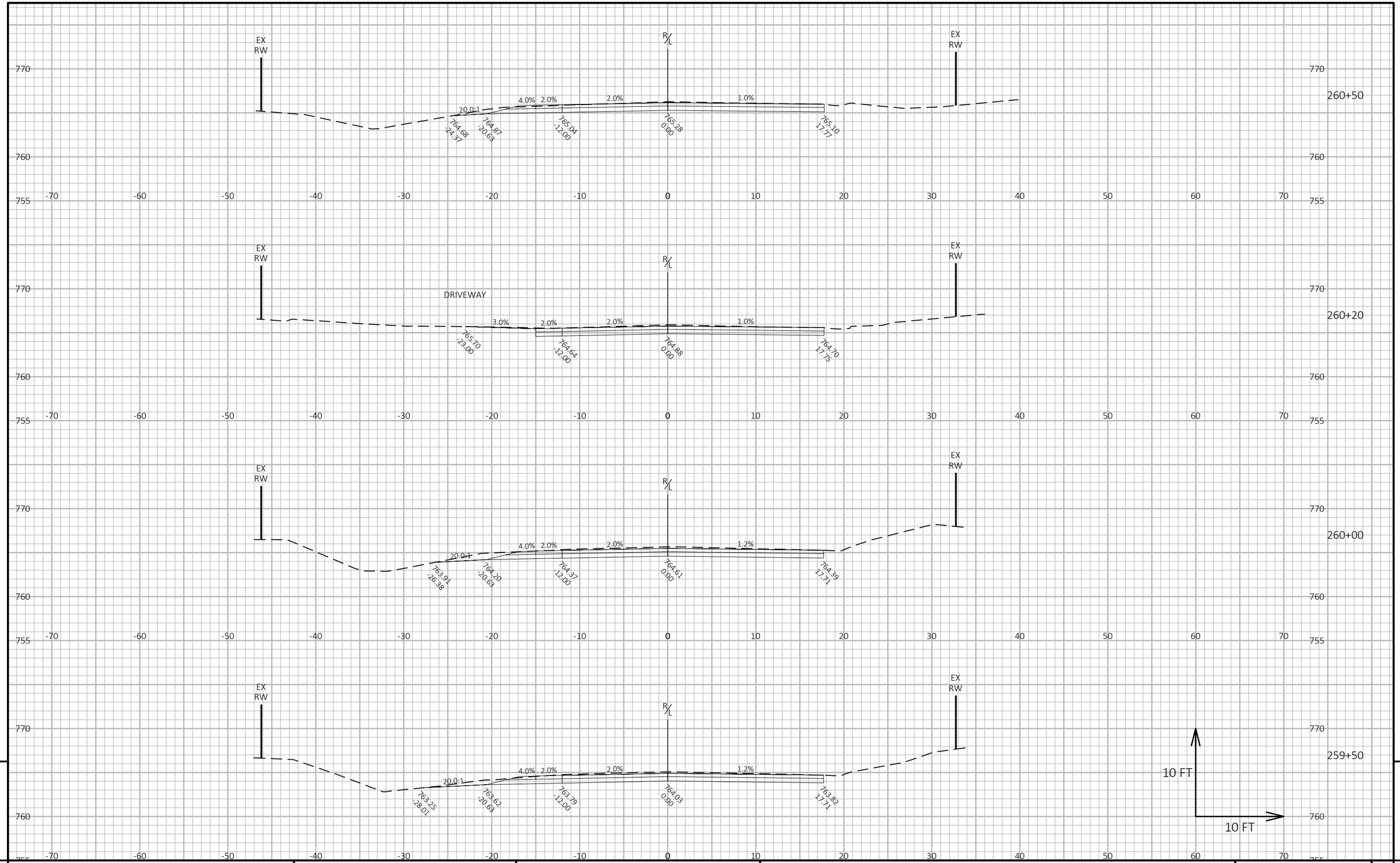
PLOT DATE : 7/7/2025 1:27 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

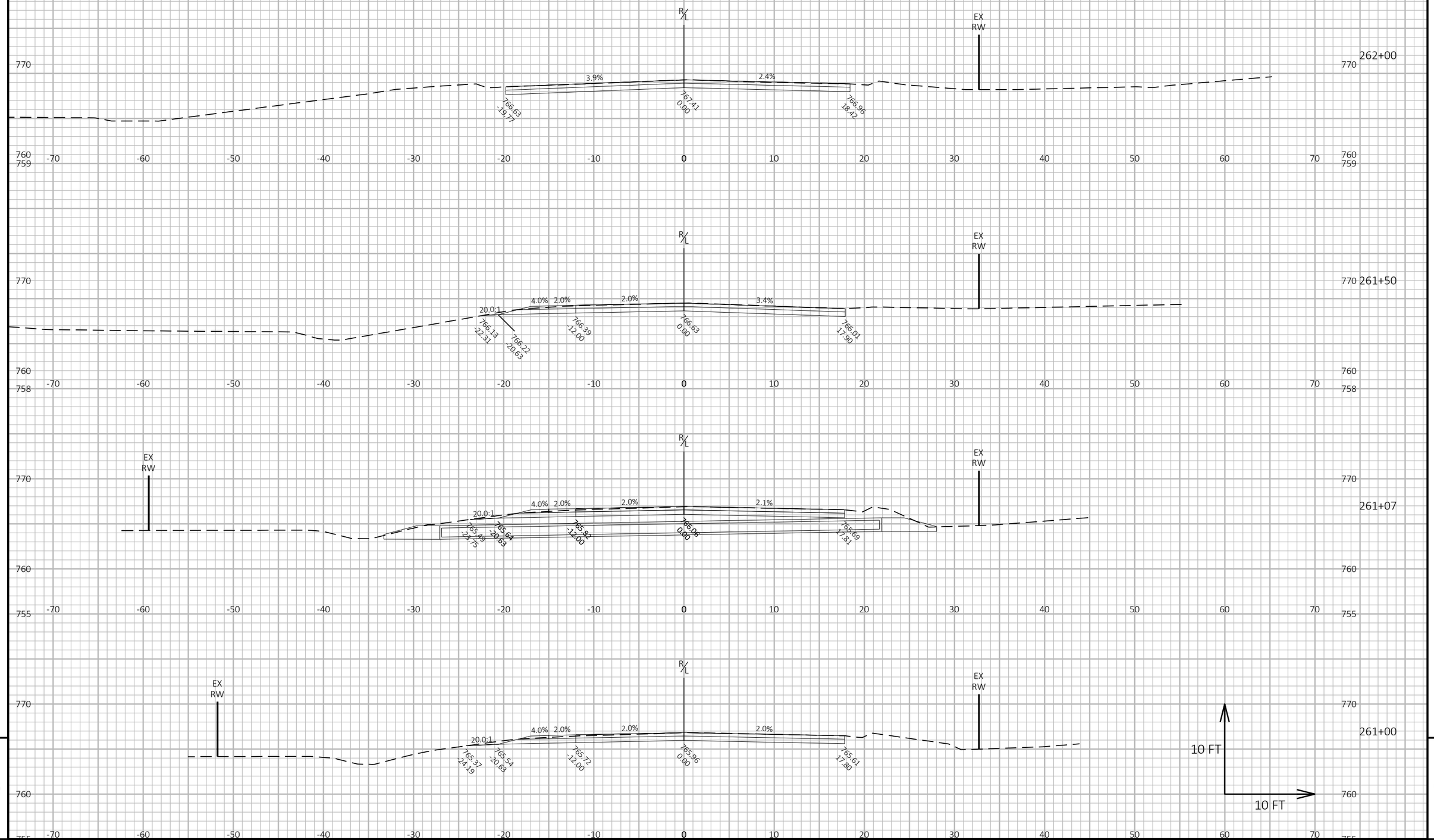


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 305	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 95

PLOT DATE : 7/7/2025 1:27 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

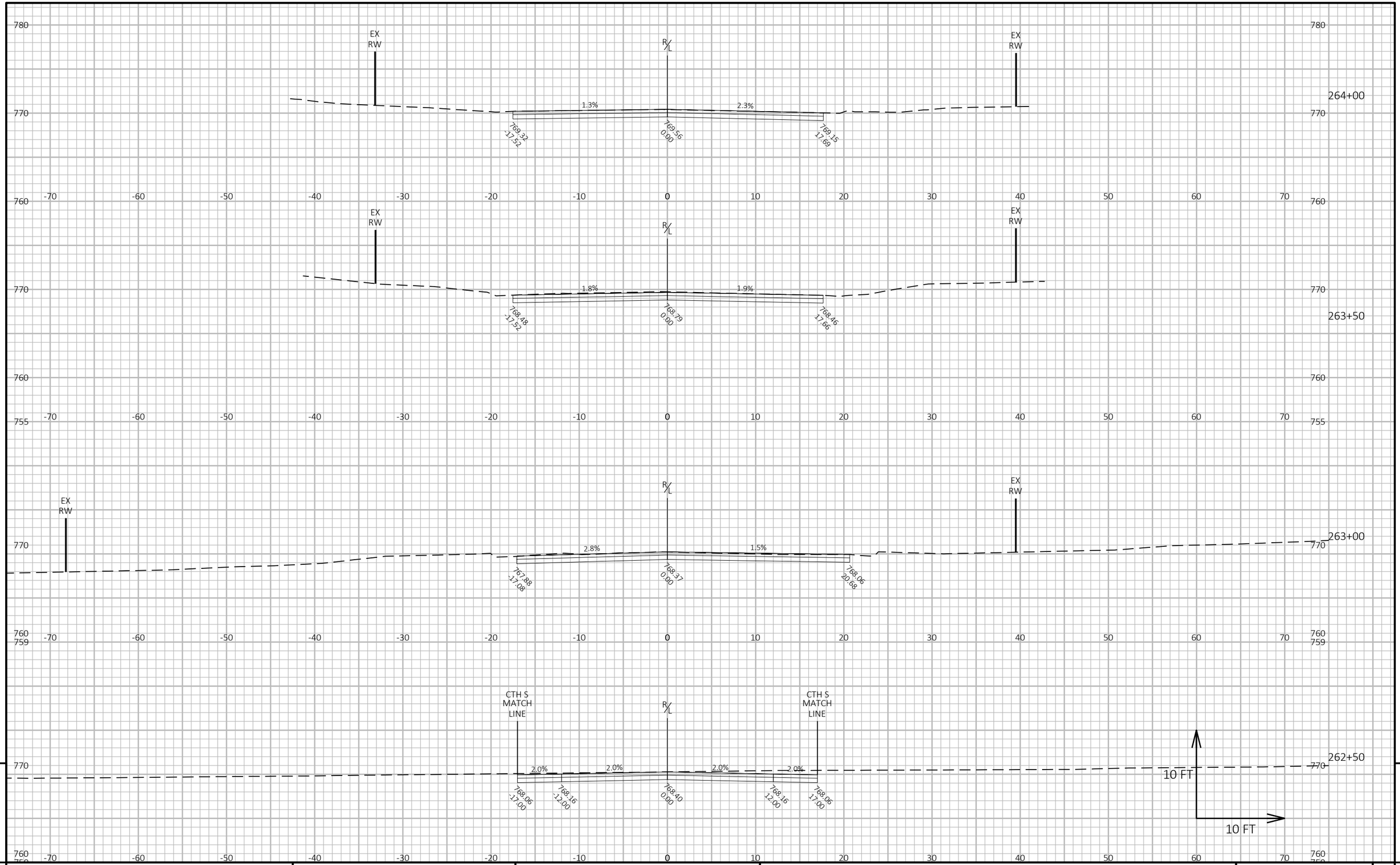
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 306	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 96

PLOT DATE : 7/7/2025 2:40 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

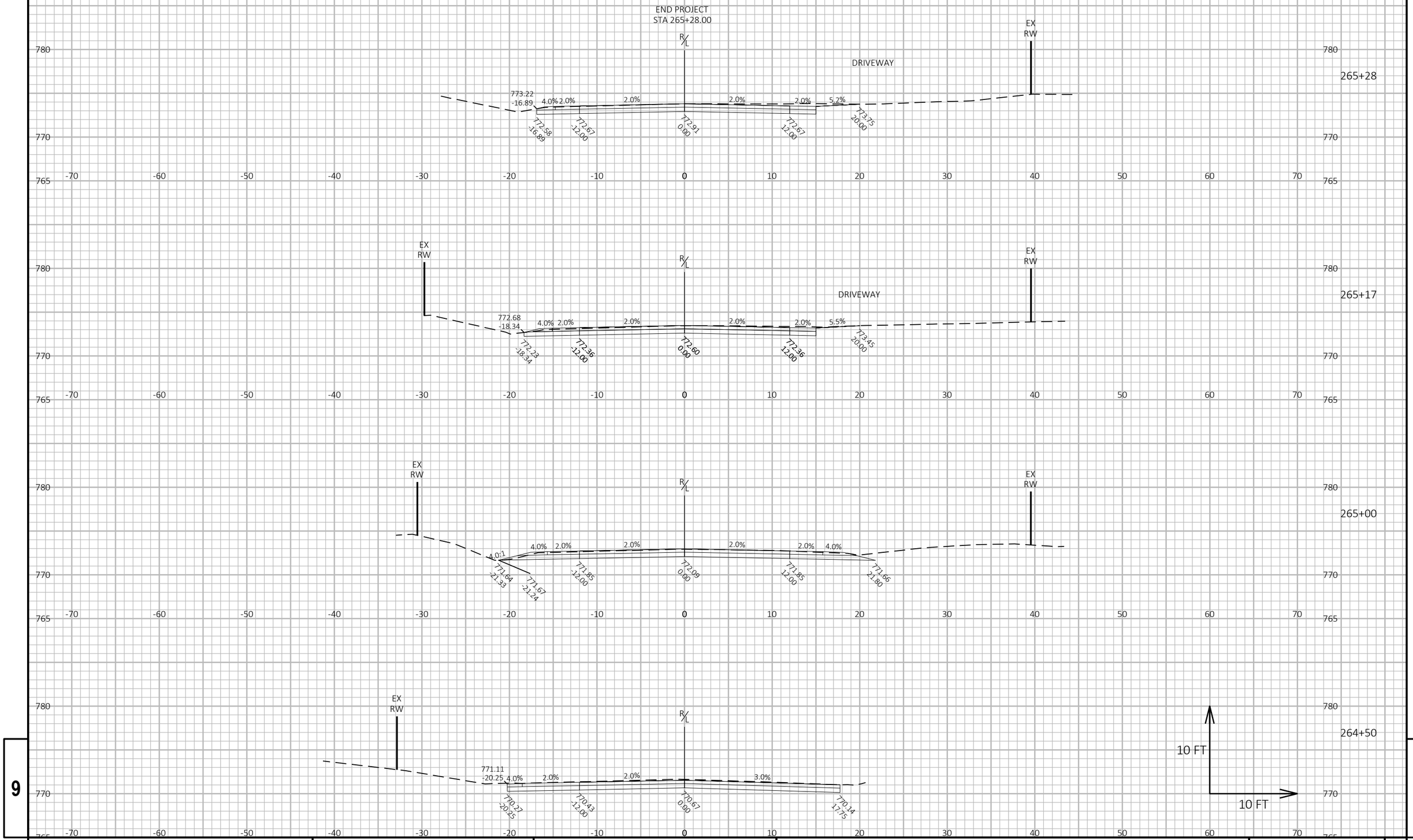
PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 307	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 97

PLOT DATE : 7/7/2025 1:27 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

END PROJECT
STA 265+28.00



9

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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: CTH C	SHEET 308	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090101-XS-5FT-NEW.DWG
LAYOUT NAME - 98

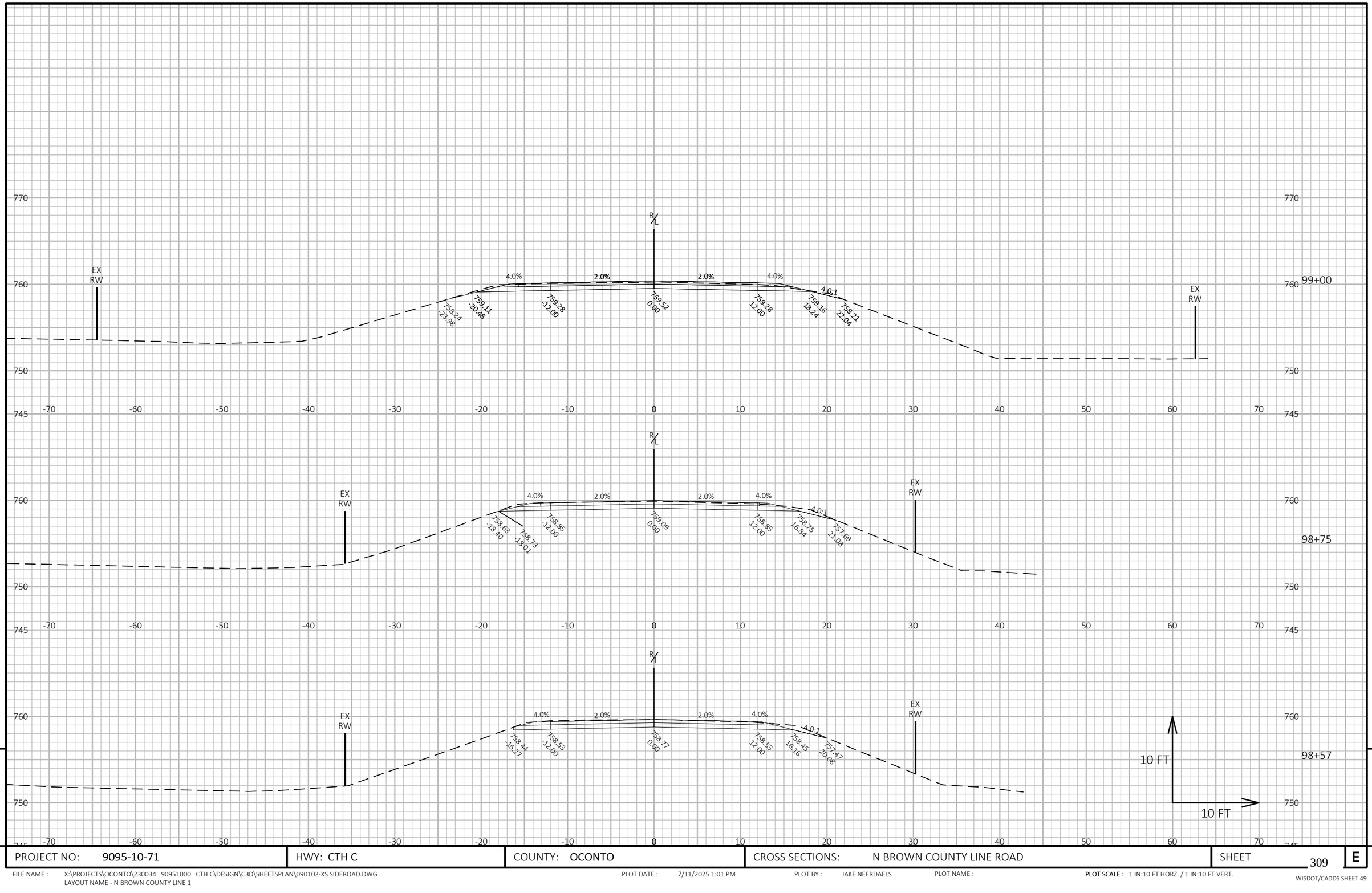
PLOT DATE : 7/7/2025 1:27 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

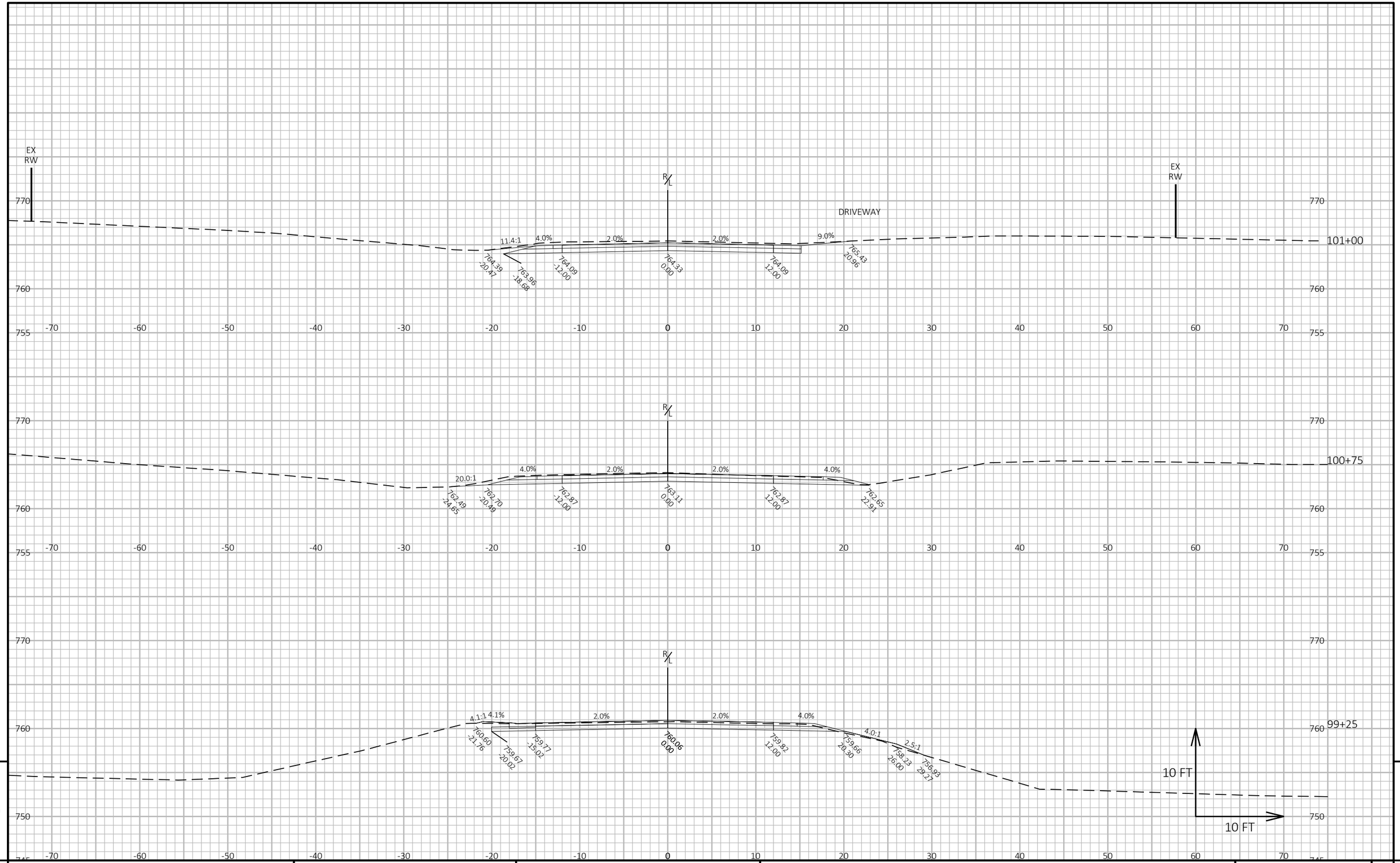


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: N BROWN COUNTY LINE ROAD	SHEET 309 E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - N BROWN COUNTY LINE 1

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

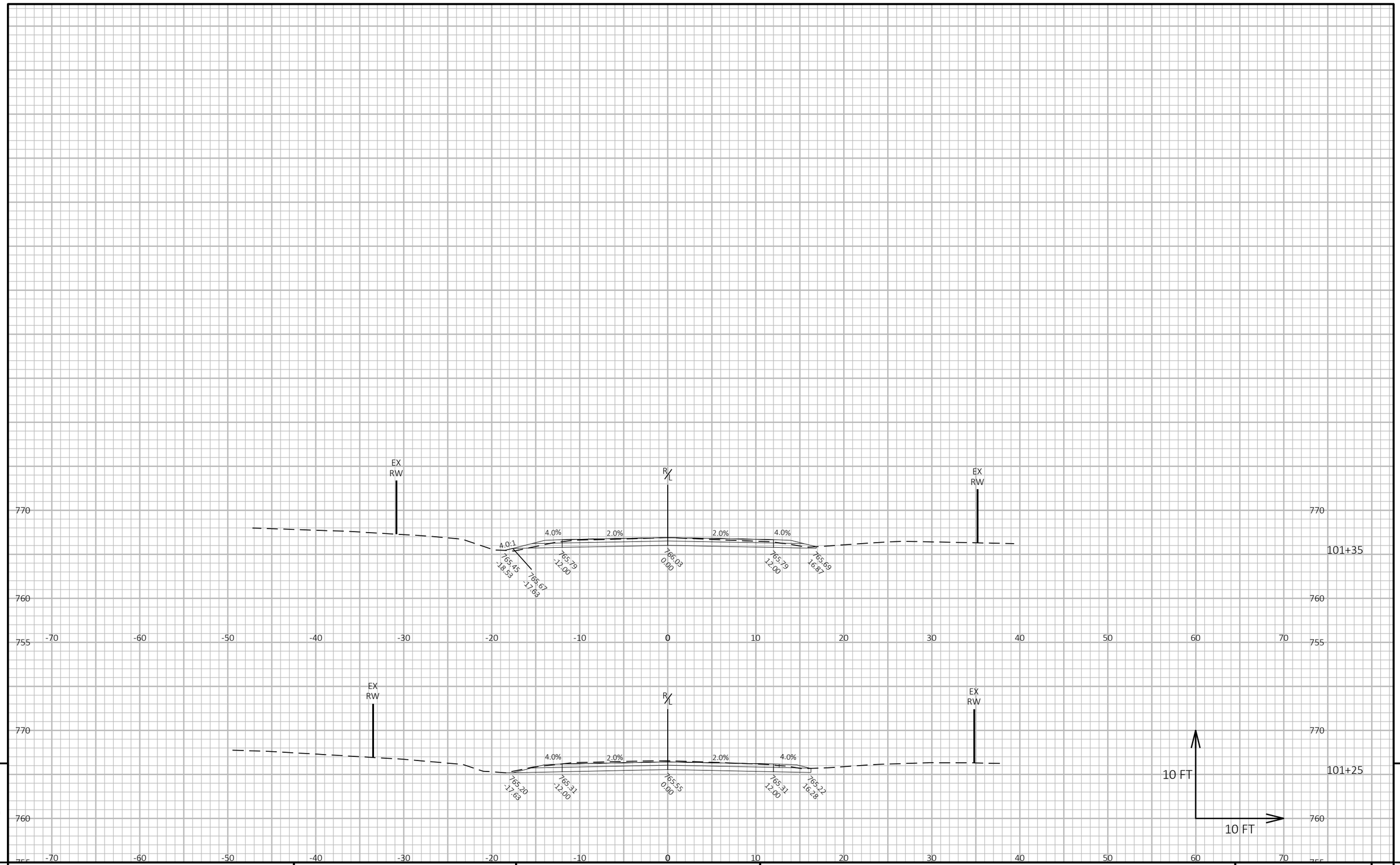
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: N BROWN COUNTY LINE ROAD	SHEET 310	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - N BROWN COUNTY LINE 2

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



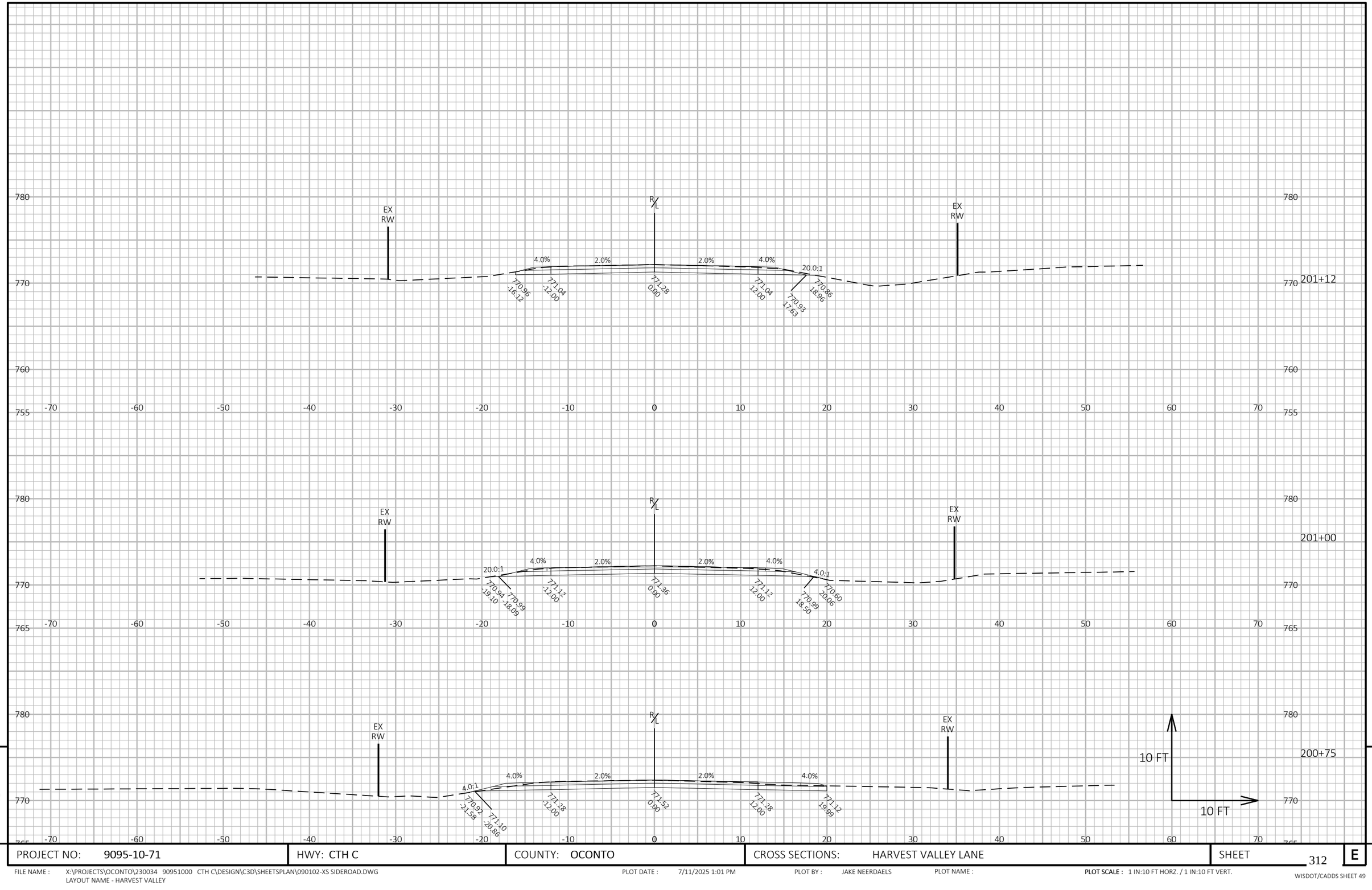
9

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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: N BROWN COUNTY LINE ROAD	SHEET 311	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - N BROWN COUNTY LINE 3

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

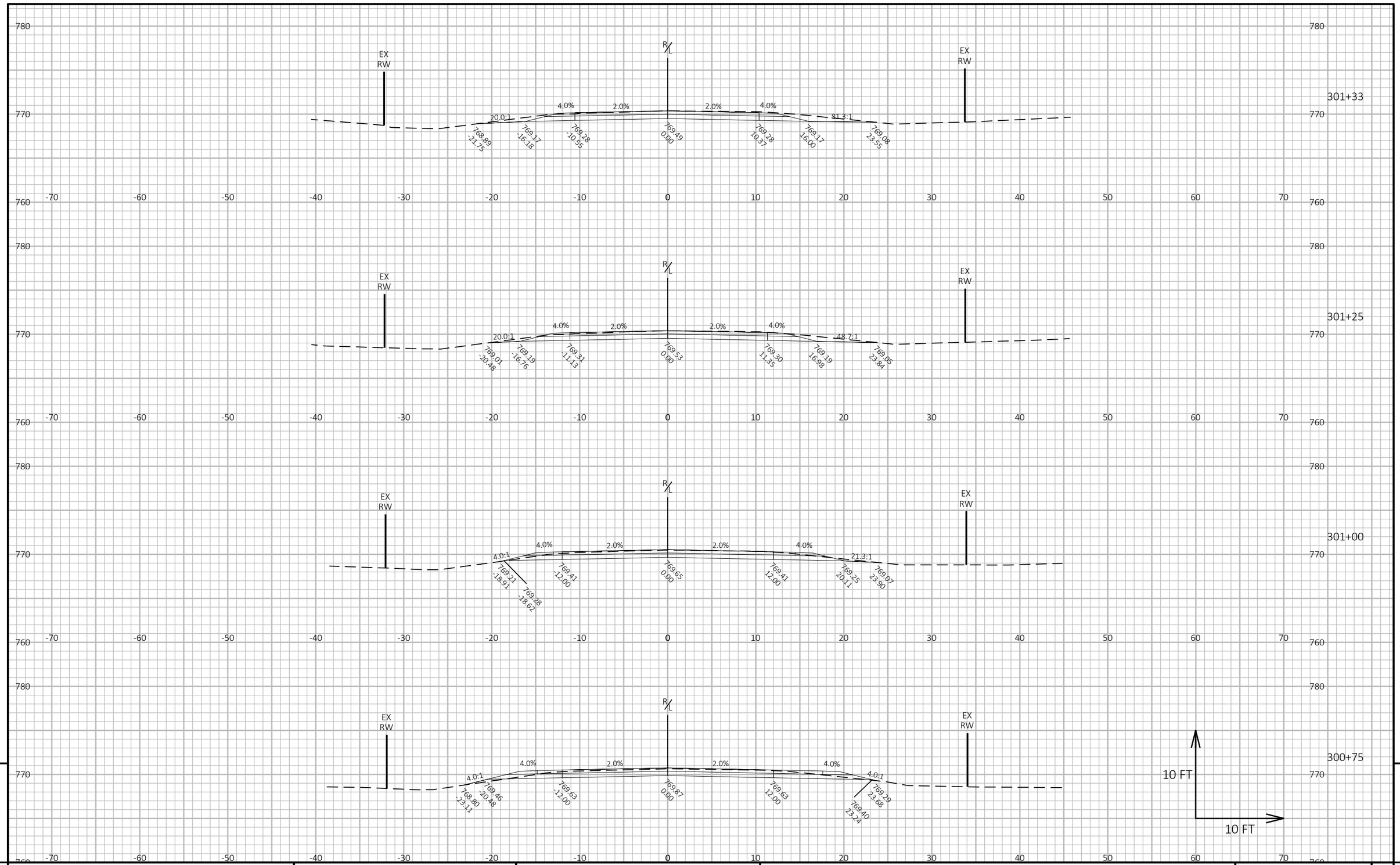


PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: HARVEST VALLEY LANE	SHEET 312	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - HARVEST VALLEY

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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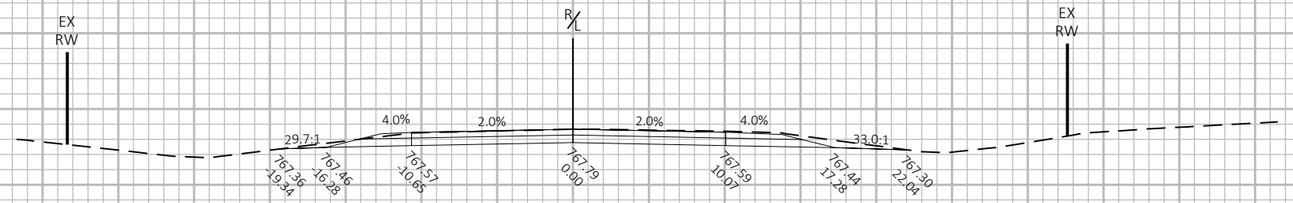
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: SUNSET CIRCLE (SOUTH)	SHEET 313	E

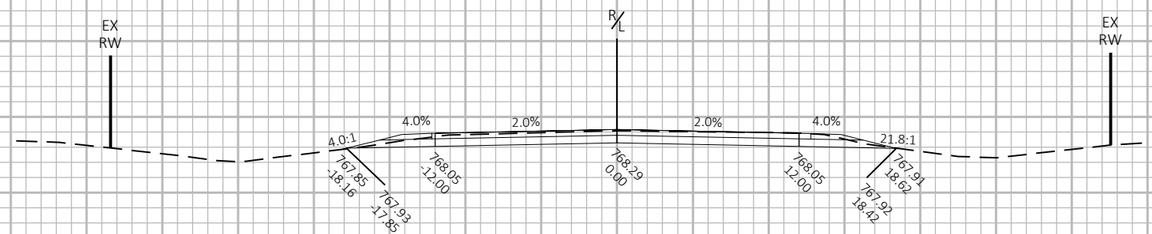
FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - SUNSET CIRCLE (SOUTH)

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

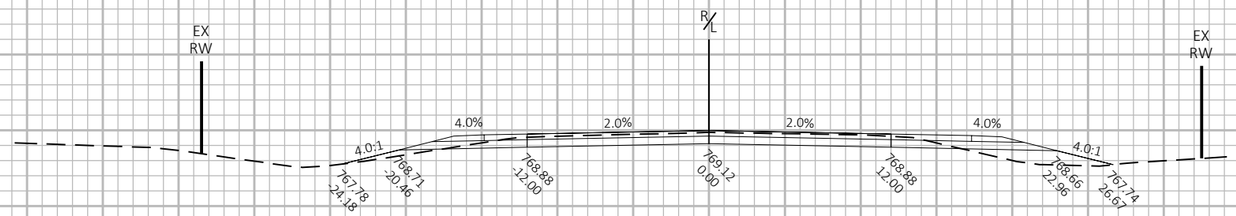
WISDOT/CADDS SHEET 49



401+15



401+00



400+75



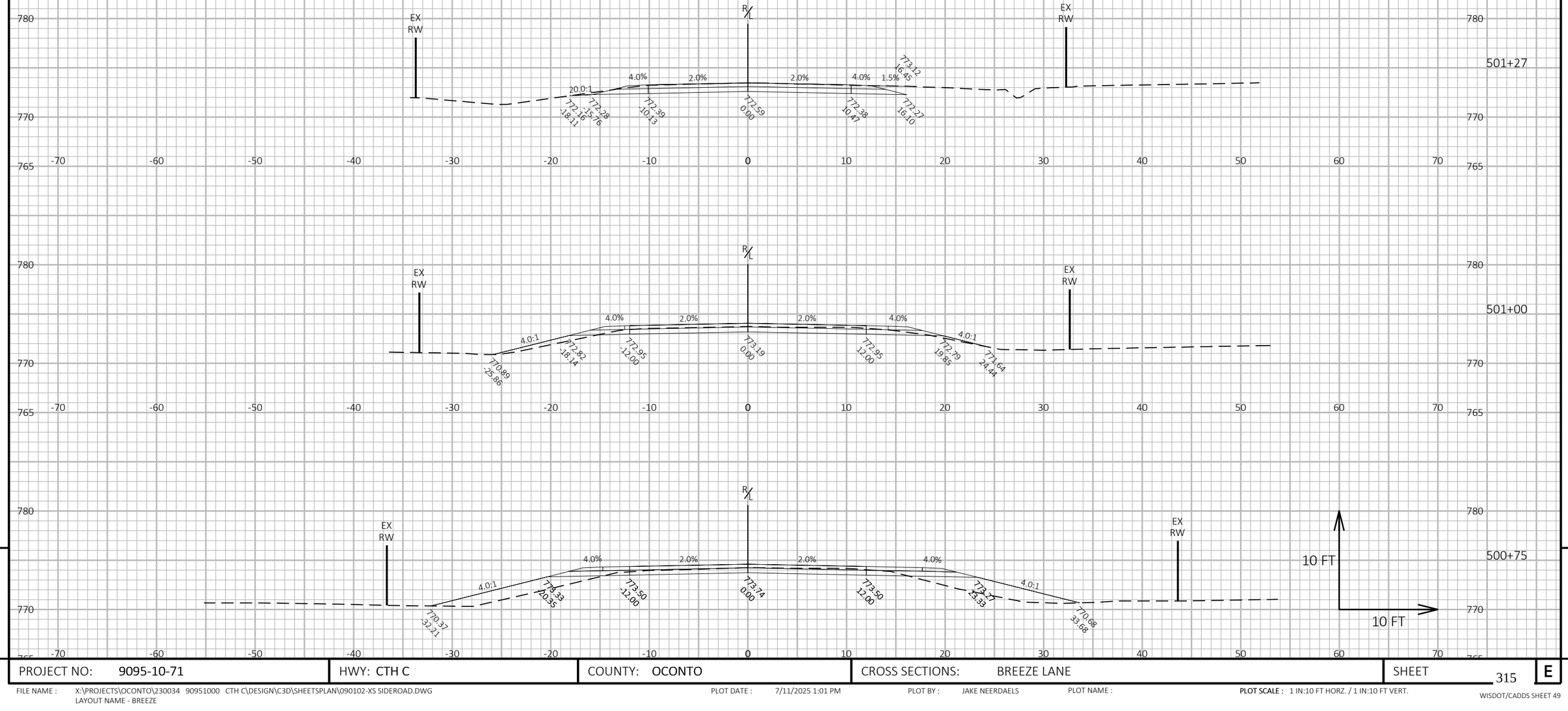
9

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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: SUNSET CIRCLE (NORTH)	SHEET 314	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - SUNSET CIRCLE (NORTH)

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

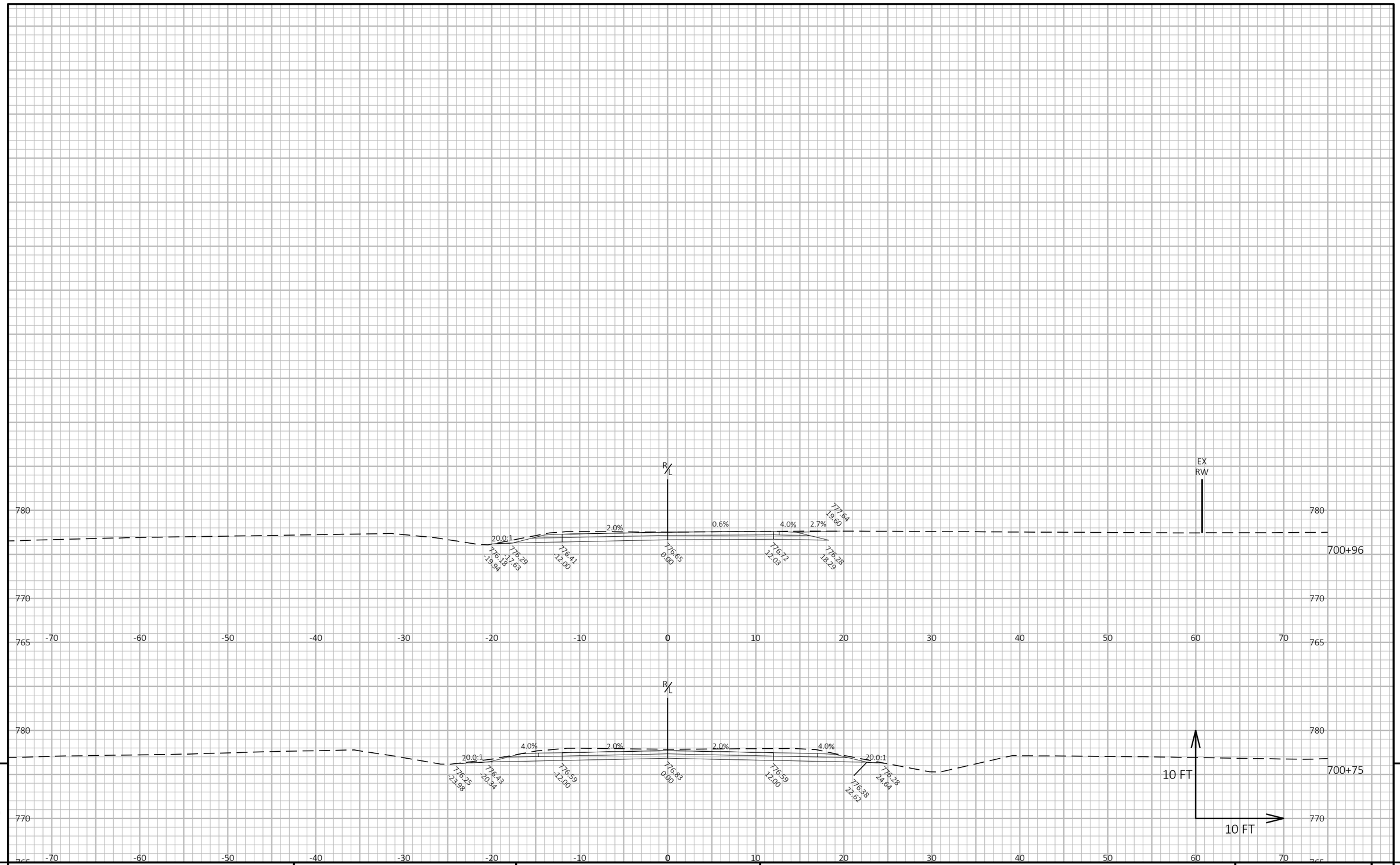
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: BREEZE LANE	SHEET 315	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - BREEZE

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



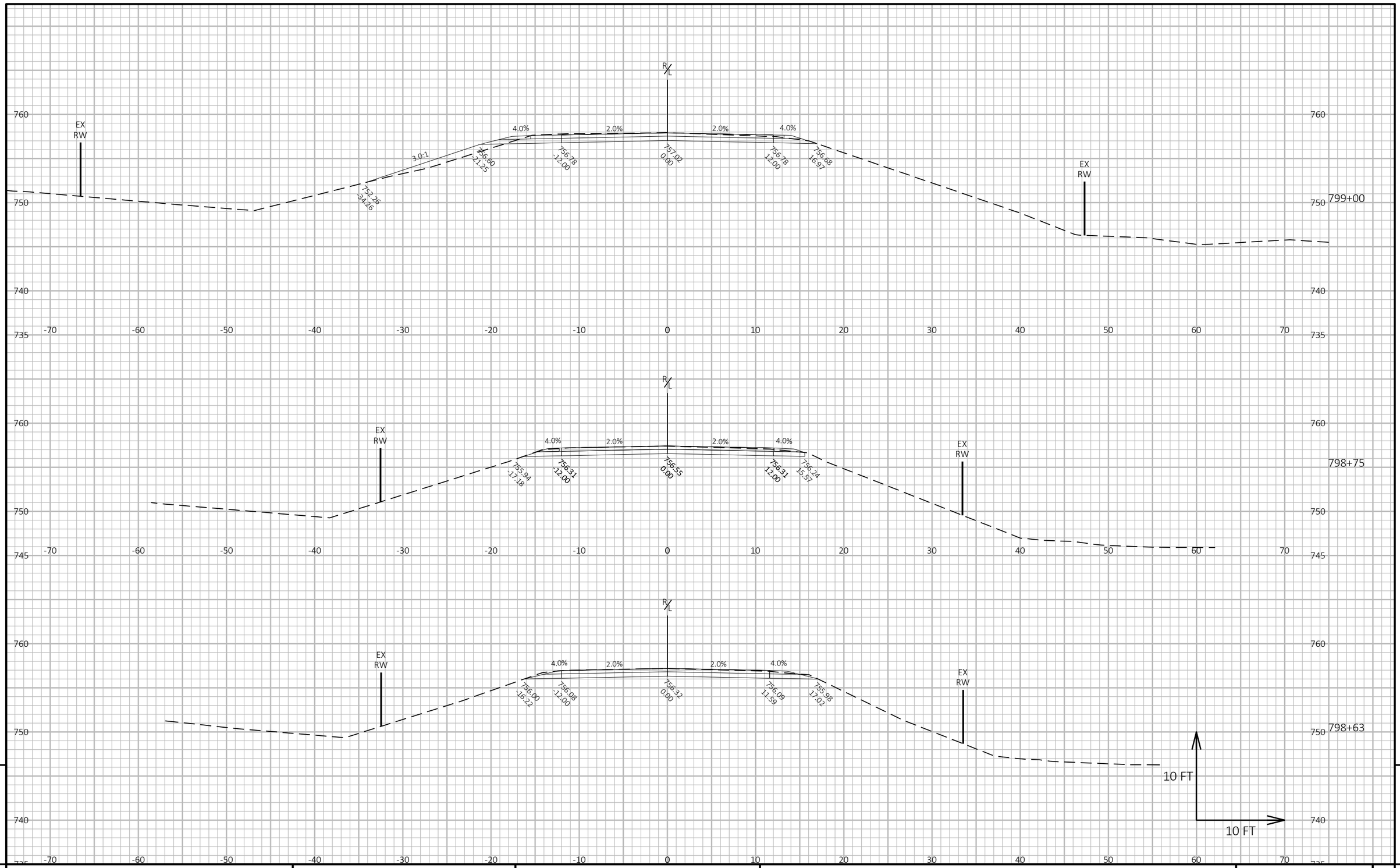
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: HILBERT ROAD	SHEET 316	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - HIILBERT

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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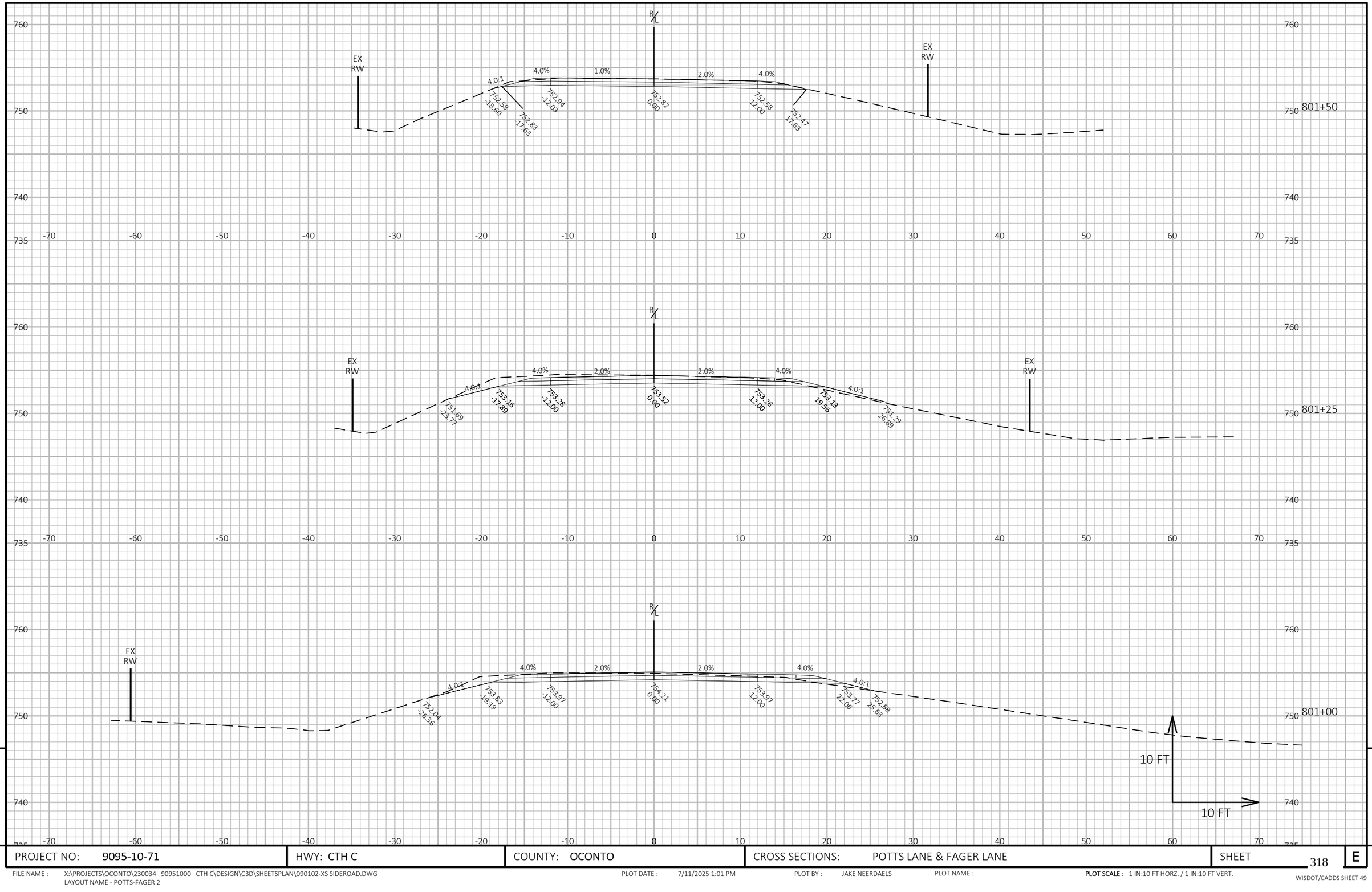
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: POTTS LANE & FAGER LANE	SHEET 317	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - POTTS-FAGER 1

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

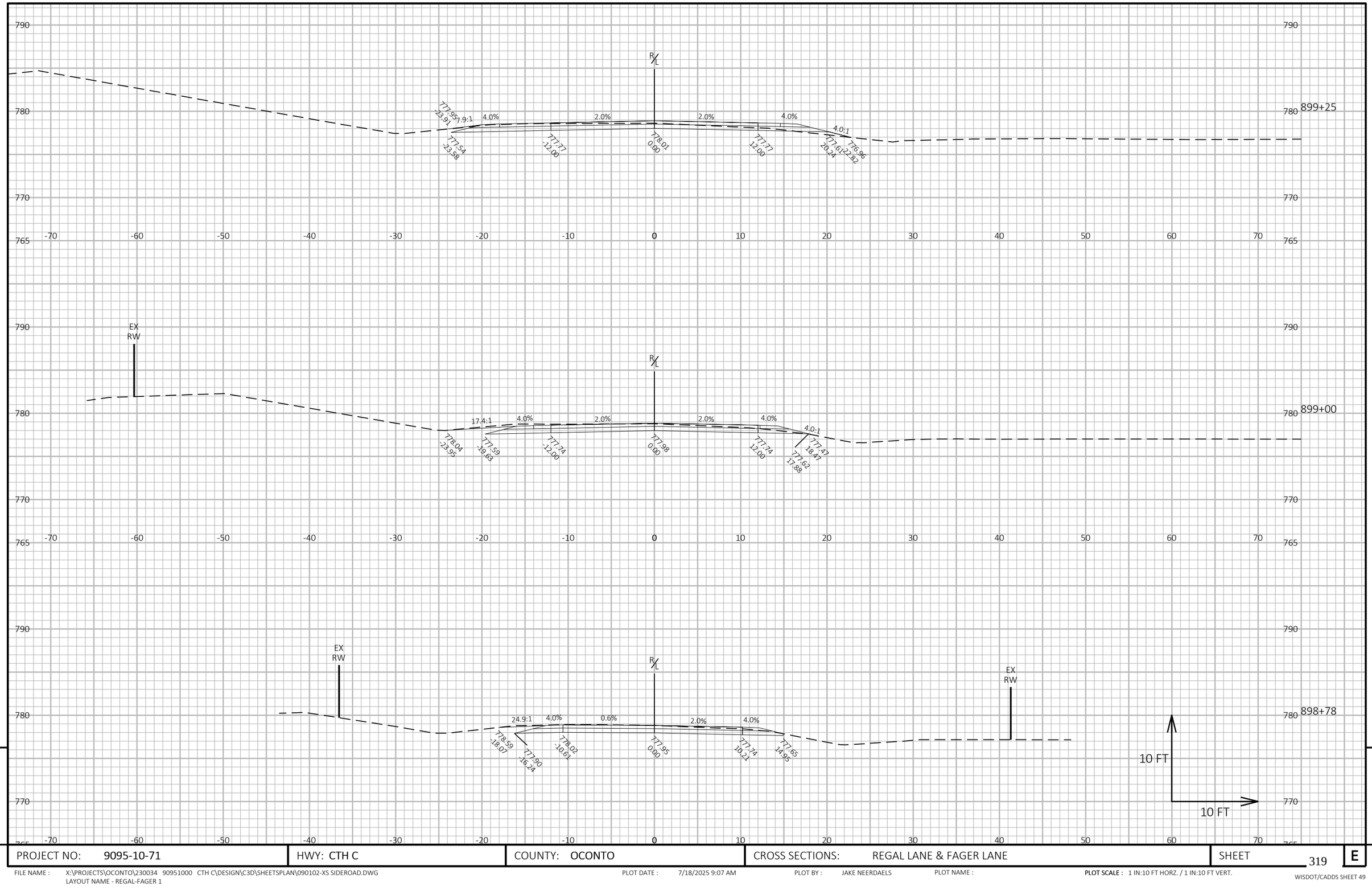
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: POTTS LANE & FAGER LANE	SHEET 318	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - POTTS-FAGER 2

PLOT DATE : 7/11/2025 1:01 PM PLOT BY : JAKE NEERDAELS PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



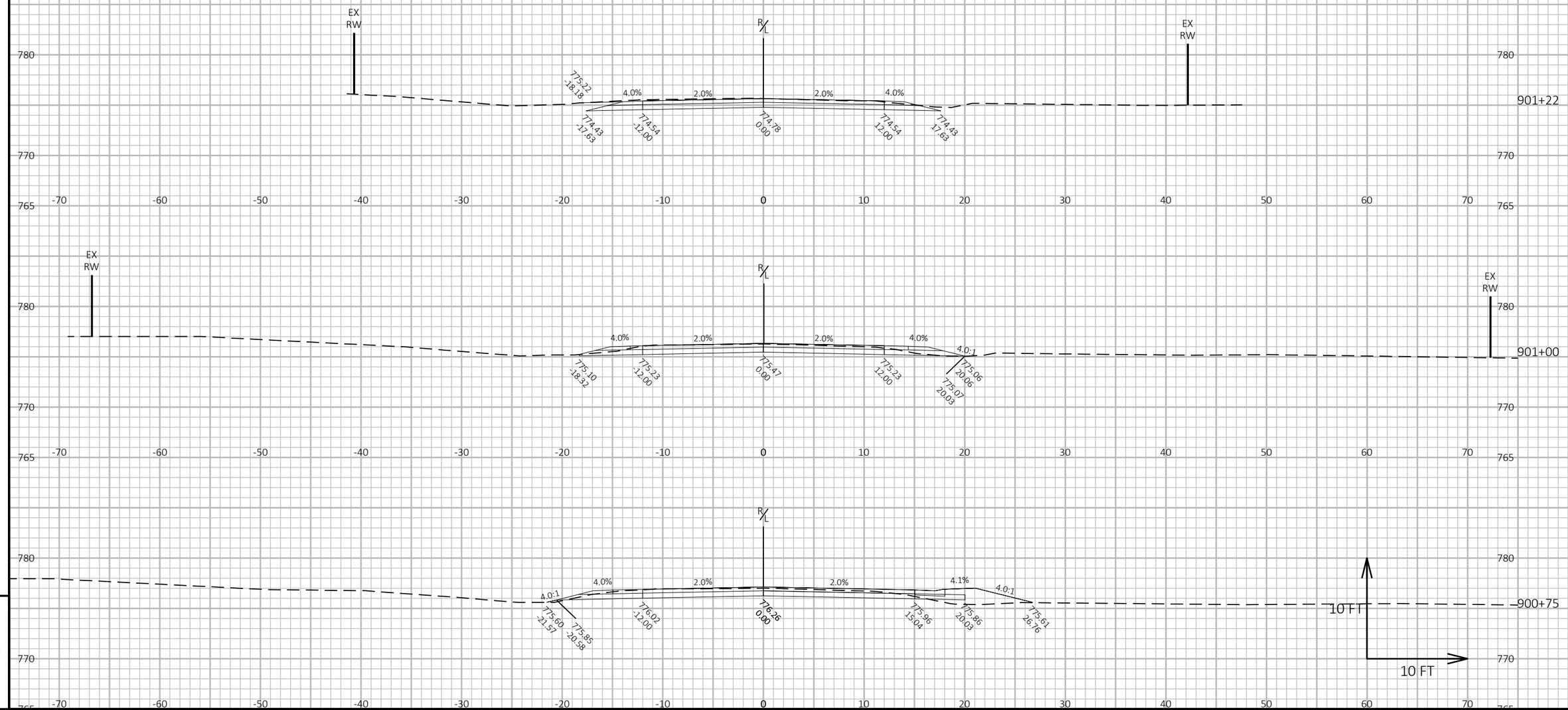
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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: REGAL LANE & FAGER LANE	SHEET 319	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - REGAL-FAGER 1

PLOT DATE : 7/18/2025 9:07 AM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

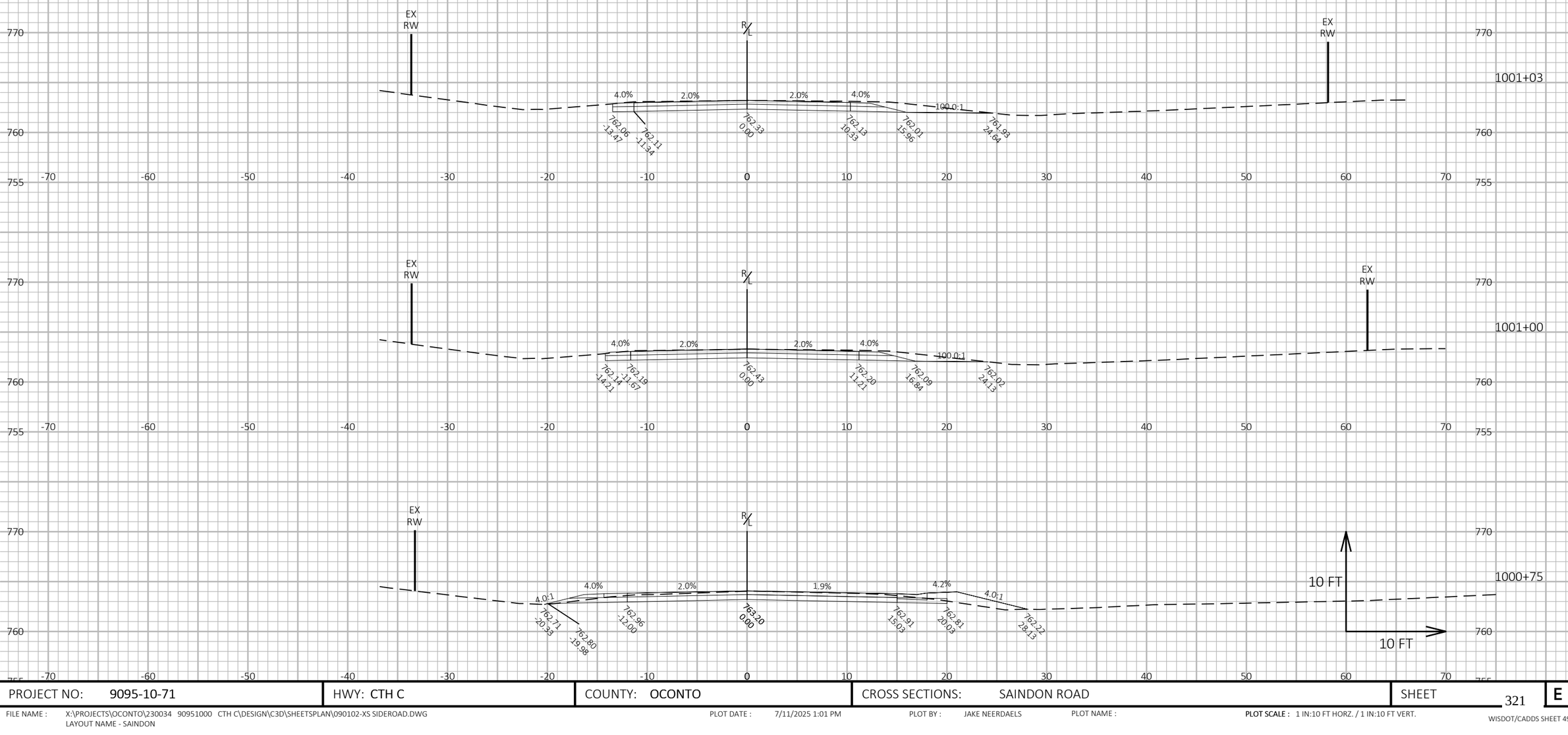
9

PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: REGAL LANE & FAGER LANE	SHEET 320	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - REGAL-FAGER 2

PLOT DATE : 7/18/2025 9:08 AM PLOT BY : JAKE NEERDAELS PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 9095-10-71	HWY: CTH C	COUNTY: OCONTO	CROSS SECTIONS: SAINDON ROAD	SHEET 321	E

FILE NAME : X:\PROJECTS\OCONTO\230034 90951000 CTH C\DESIGN\C3D\SHEETSPLAN\090102-XS SIDEROAD.DWG
LAYOUT NAME - SAINDON

PLOT DATE : 7/11/2025 1:01 PM

PLOT BY : JAKE NEERDAELS

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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through innovation and exceptional service.

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