NCL JAN 2014

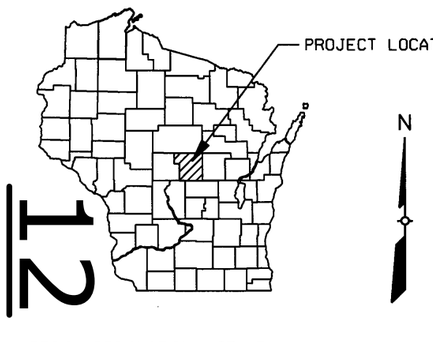
PROJECT ID: 6998-12-70
WITH: N/A

COUNTY: PORTAGE

ORDER OF SHEETS

Section No. 1 Title
Section No. 2 Typical Sections and Details (includes erosion control)
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 = 178



DESIGN DESIGNATION CTH R

A.A.D.T. (2013)	=	8,800
A.A.D.T. (2033)	=	18,650
D.H.V.	=	1,865
D.D.	=	60/40
T.	=	5.5%
DESIGN SPEED	=	40 MPH
ESALS	=	1,708,200

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE (PL + 58.1)
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

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

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

PORTER ROAD - CTH HH

VILLAGE OF PLOVER

CTH R

PORTAGE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
6998-12-70	WISC 2013344	1

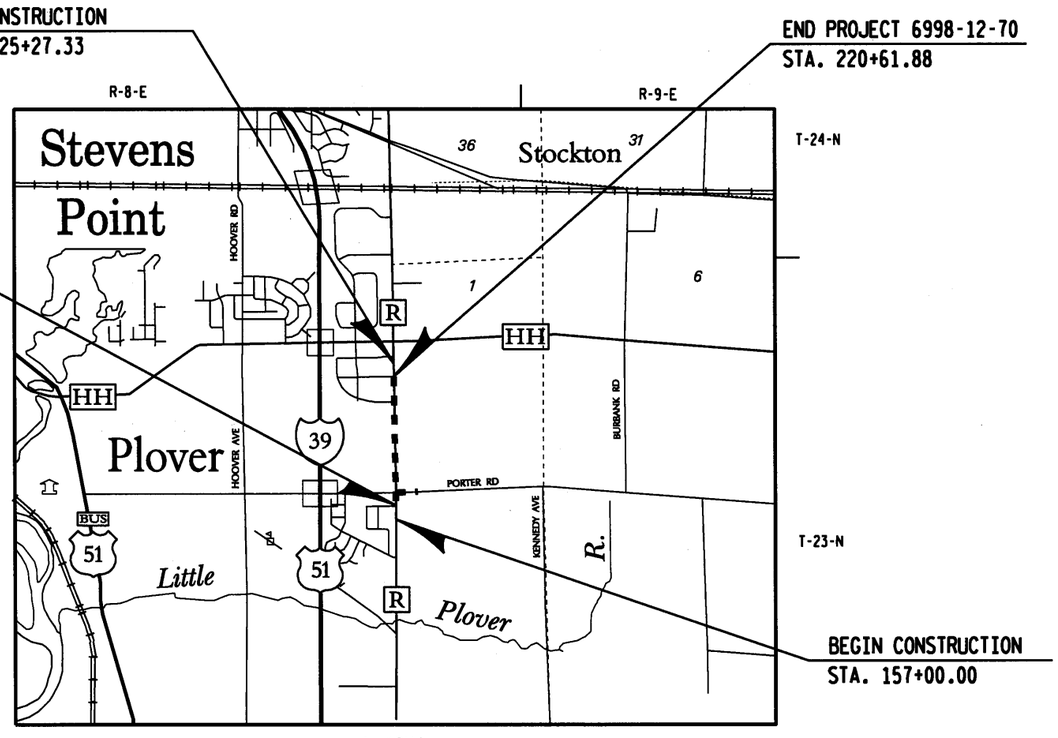
STATE PROJECT NUMBER
6998-12-70

END CONSTRUCTION
STA. 225+27.33

END PROJECT 6998-12-70
STA. 220+61.88

BEGIN PROJECT 6998-12-70
STA. 161+82.76
Y=186,875.17
X=182,852.81

BEGIN CONSTRUCTION
STA. 157+00.00



LAYOUT

SCALE 0 1/2 MI.

TOTAL NET LENGTH OF CENTERLINE = 1.113 MI.

Coordinates on this plan are referenced to the Wisconsin County Coordinate System (WCCS), Portage County.

ACCEPTED FOR VILLAGE OF PLOVER
BY
1-29-13 Dan L Schlueter
DATE VILLAGE PRESIDENT

ORIGINAL PLANS PREPARED BY

AECOM

WISCONSIN BRUCE N. GERLAND E-26213 Stevens Point, WI 1/30/13 PROFESSIONAL ENGINEER

(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor AECOM
Designer AECOM

Management Consultant CEDAR CORPORATION
C.O. Examiner

APPROVED FOR THE DEPARTMENT
DATE: 1-31-13 (Management Consultant Signature)

E

FILE NAME: L:\Work\Projects\94854\gra\porter-cthhh\010101_ti.dgn
BATCH PRINT SHEET 1 OF 1

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PLOT TIME: 10:18:53 AM

PLOT SCALE: 1:5280

WISDOT/CADDS SHEET 15

GENERAL NOTES

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

ALL COORDINATES ARE BASED ON THE PORTAGE COUNTY COORDINATE SYSTEM.

ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON NAVD 88 DATUM.

CURVE DATA IS BASED ON THE ARC DEFINITION.

THE LOCATION OF SAW CUTS WILL BE DETERMINED BY THE ENGINEER.

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL RADIUS DIMENSIONS ON THE PLAN FOR CURB AND GUTTER ARE TO BE FLANGE LINE, UNLESS OTHERWISE NOTED.

NO TREES OR SHRUBS ARE TO REMOVED UNLESS SUCH TREES OR SHRUBS HAVE FIRST BEEN INDICATED FOR REMOVAL BY THE ENGINEER IN THE FIELD.

WHERE THE QUANTITY OF BASE AGGREGATE DENSE AND HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE, AS SHOWN ON THE PLANS, IS APPROXIMATE. THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE 5.5-INCH HMA PAVEMENT, TYPE E-3 SHALL CONSIST OF A 2-INCH UPPER LAYER, & A 3.5-INCH LOWER LAYER.

TACK COAT SHALL BE PLACED BETWEEN LAYERS OF ASPHALT. TACK COAT SHALL BE APPLIED TO VERTICAL SAW CUTS PRIOR TO PLACEMENT OF ASPHALTIC PAVEMENT.

SECTIONS AS SHOWN ON THE CROSS SECTION SHEETS INCLUDE THE THICKNESS OF TOPSOIL.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, SHALL BE FERTILIZED, SEEDED AND MULCHED OR COVERED WITH EROSION MAT AS DIRECTED BY THE ENGINEER.

BENCHMARKS SHALL BE RESET BEFORE CONSTRUCTION BEGINS.

WDNR CONTACT

NICK SCHAFF
DNR WEST CENTRAL REGION HEAD QUARTERS
1300 WEST CLAIREMONT AVENUE
EAU CLAIRE, WI 54702
715-839-1609
EMAIL: nicholas.schaff@wisconsin.gov

VILLAGE OF PLOVER

BILL KONKOL
PUBLIC WORKS MANAGER
2801 CHESTNUT DRIVE
PLOVER, WI 54467
715-345-5257
bkonkol@ploverwi.gov

PORTAGE COUNTY HIGHWAY DEPARTMENT

NATHAN CHECK, COMMISSIONER
800 PLOVER ROAD
PLOVER, WI 54467
715-345-5230

UTILITY CONTACTS

DAVE MEZERA
WPS - ELECTRIC
2001 PLOVER ROAD, P.O. BOX 637
PLOVER, WI 54467-0637
715-321-2291
demezera@wisconsinpublicservice.com

MATT McGILL
WPS - GAS
INTEGRYS BUSINESS SUPPORT, LLC
A3C-P9
700 NORTH ADAMS
P.O. BOX 19001
GREEN BAY, WI 54307-9001
920-323-7505 CELL
mjmcgill@integrysgroup.com

RICH BODEN
PLOVER WASTEWATER SYSTEMS DEPARTMENT
4496 COOLIDGE AVENUE
715-345-5259 PHONE
rboden@ploverwi.gov

RICHARD "RUDI" RUDIGER
CHARTER COMMUNICATIONS
5024 HEFFRON STREET
STEVENS POINT, WI 54481
715-302-1550 CELL
715-341-0194 FAX
Rudi.rudiger@chartercom.com

THOMAS C. IVERSON
AMHERST TELEPHONE COMPANY
120 MILL STREET, PO BOX 279
AMHERST, WI 54406
715-824-2006 PHONE
715-824-2050 FAX
tomiverson@wi-net.com

CHARLES BARTELT
AT&T WISCONSIN
70 E DIVISION ST
FOND DU LAC, WI 54935
920-929-1013 PHONE
920-410-5104 CELL
cb1461@att.com

DAVID FRITSCH
PLOVER WATER SYSTEMS DEPARTMENT
300 WATER WAY
PLOVER, WI 54467
715-345-5254 PHONE
dfritsch@ploverwi.gov

DIGGERS HOTLINE

Call 811 3 Work Days Before You Dig
or Toll Free (800) 242-8511
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

** ARE NOT ON DIGGERS HOTLINE

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 = 24.203 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 21.277 ACRES

INDEX OF TYPICAL SECTION AND DETAIL SHEETS

- GENERAL NOTES AND UTILITIES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- LAYOUT - CTH R
- LAYOUT - PORTER ROAD
- PAVING GRADES - CTH R
- PAVING GRADES - PORTER ROAD
- EROSION CONTROL - CTH R
- EROSION CONTROL - PORTER ROAD
- PERMANENT SIGNING AND PAVEMENT MARKING
- ALIGNMENT DIAGRAM AND TIES

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PROJECT OVERVIEW	SHEET 3	E

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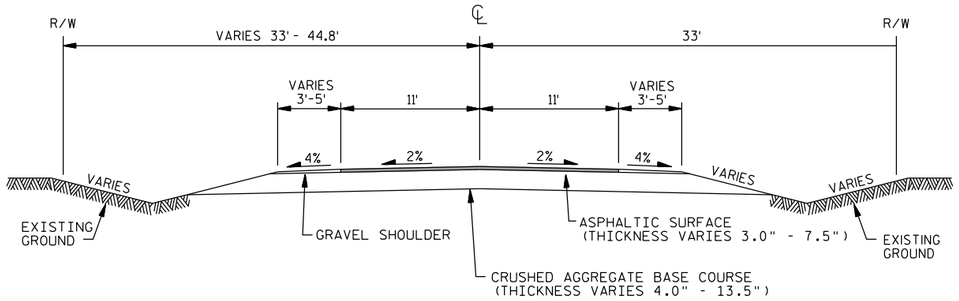
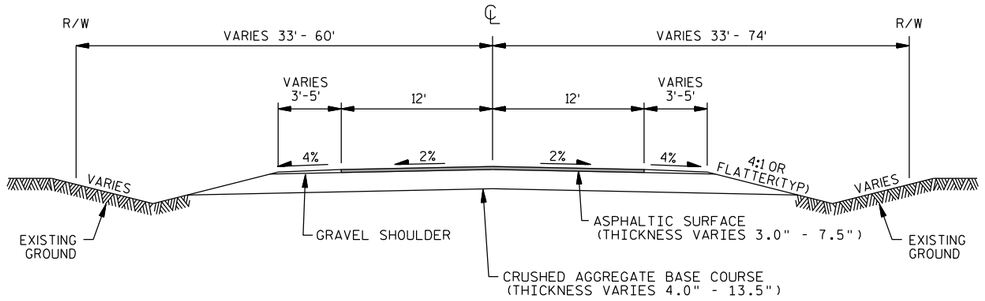


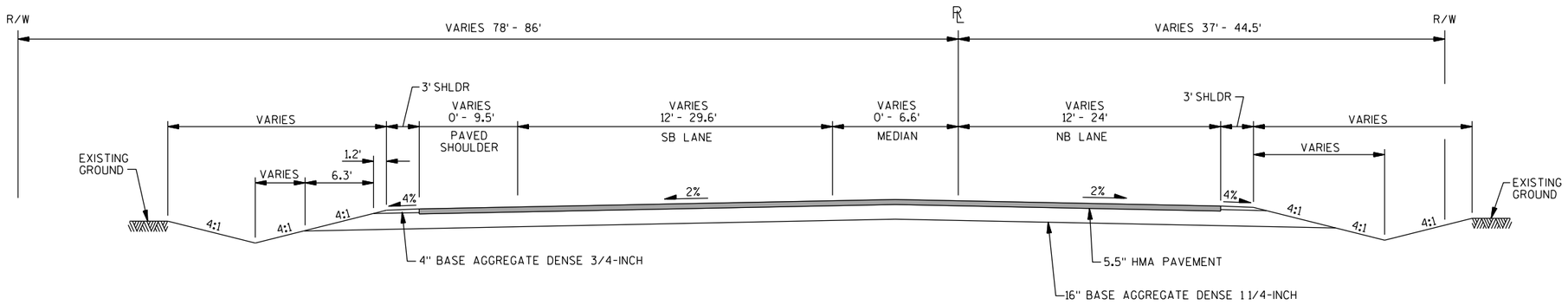
TYPICAL EXISTING SECTION - CTH R

STA 161+82.76 - STA 175+45.00



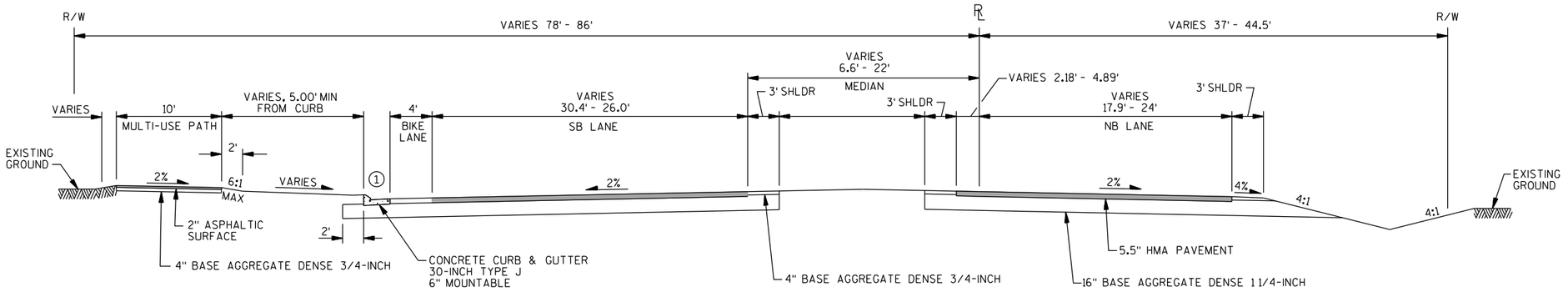
TYPICAL EXISTING SECTION - CTH R

STA 175+45.00 - STA 212+50.00



TYPICAL EXISTING SECTION - CTH R

STA 212+50.00 - STA 218+70.00



1 CURB & GUTTER STA 219+08.79 - STA 220+40.90

TYPICAL EXISTING SECTION - CTH R

STA 218+70.00 - STA 220+40.90

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 4	E

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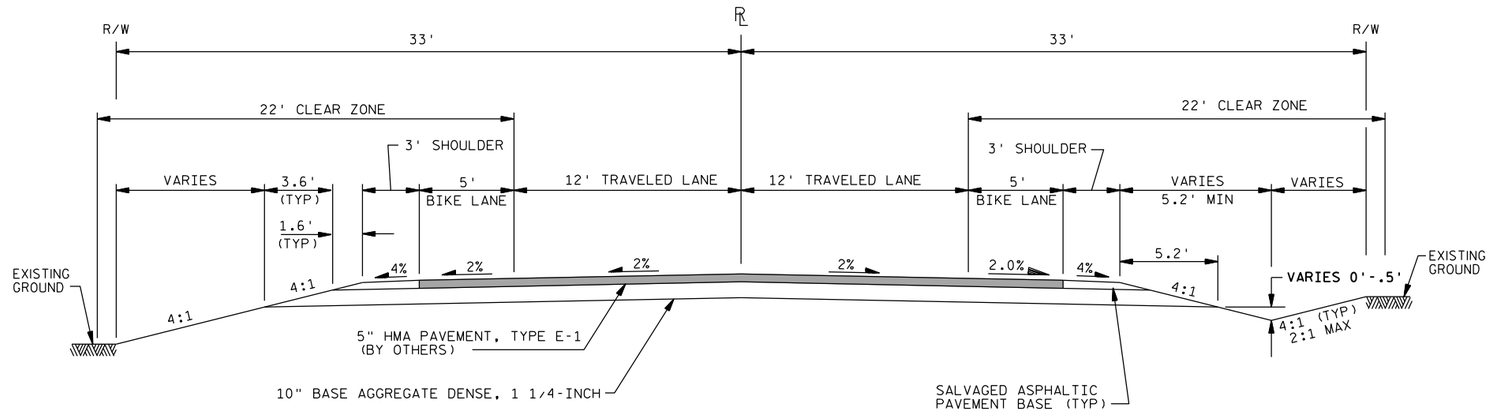
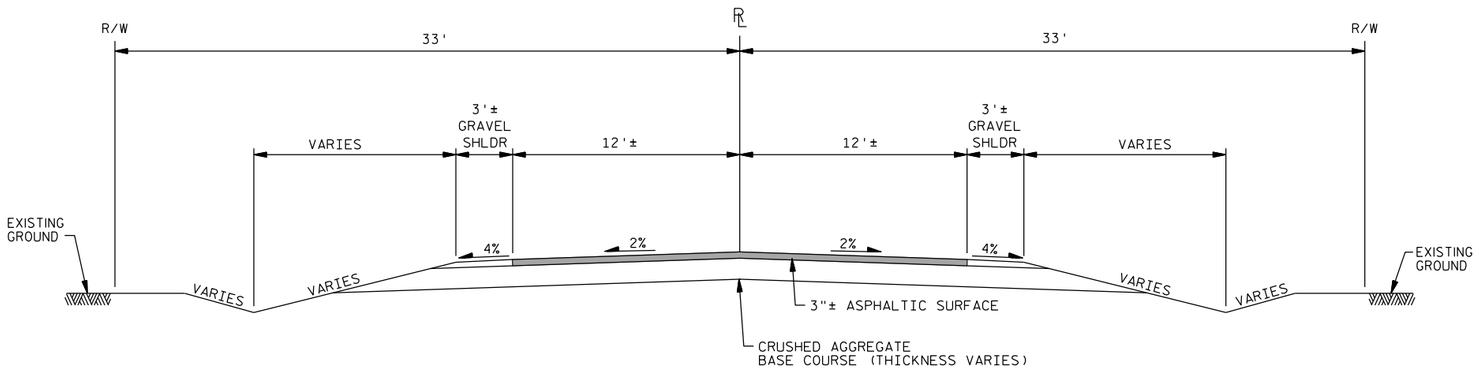


TYPICAL EXISTING SECTION - PORTER ROAD

STA 56+09.23 - STA 60+79.20



TYPICAL EXISTING SECTION - PORTER ROAD

STA 60+79.20 - STA 68+70.46

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 5	E

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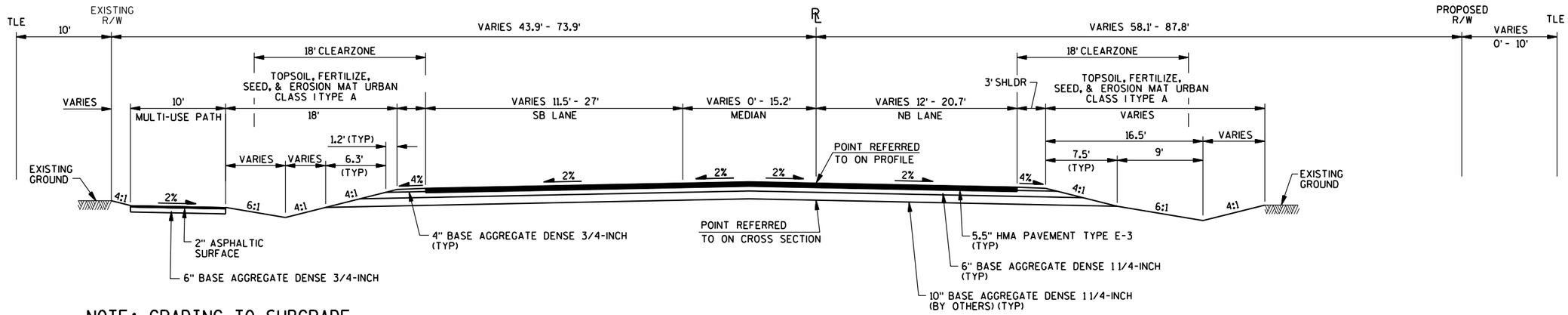
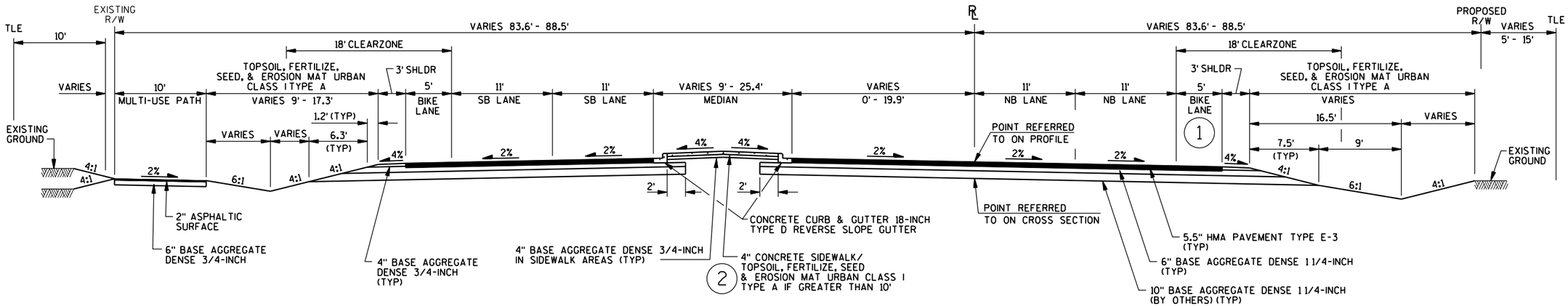


NOTE: GRADING TO SUBGRADE WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - CTH R

STA 161+82.76 - STA 167+55.50



NOTE: GRADING TO SUBGRADE WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - CTH R

STA 167+55.50 - STA 172+80.03
STA 178+45.24 - STA 203+15.84

(1) STA 169+46 - STA 172+80.03
STA 178+45.24 - STA 203+15.84

(2) TOPSOIL TO BE MINIMUM 12" THICKNESS WITH 4% SLOPE

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 6	E

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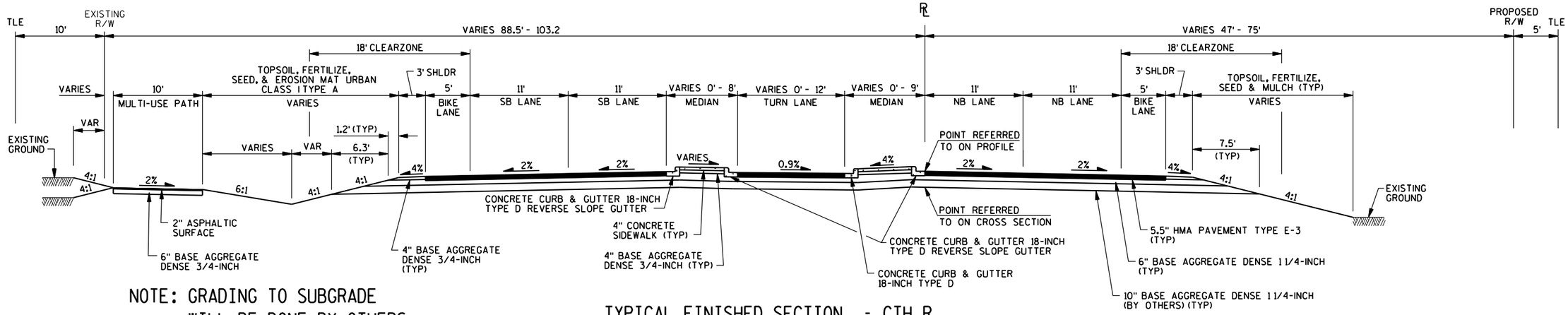
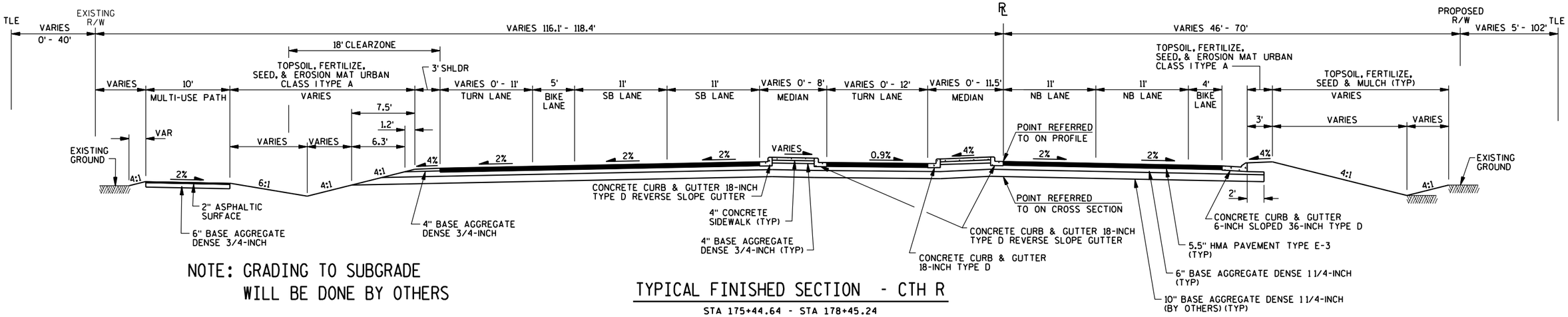


NOTE: GRADING TO SUBGRADE WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - CTH R

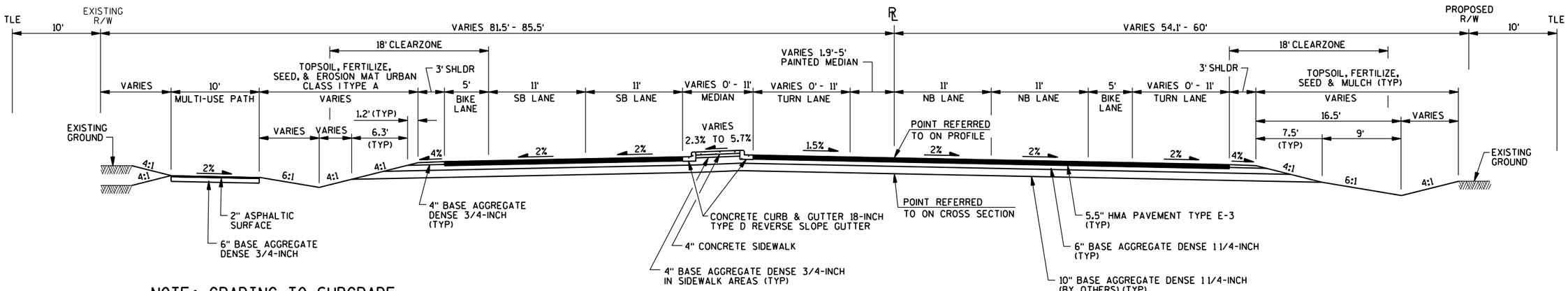
STA 172+80.03 - STA 175+44.64



NOTE: GRADING TO SUBGRADE WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - CTH R

STA 175+44.64 - STA 178+45.24



NOTE: GRADING TO SUBGRADE WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - CTH R

STA 203+15.84 - STA 206+55.09

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 7	E

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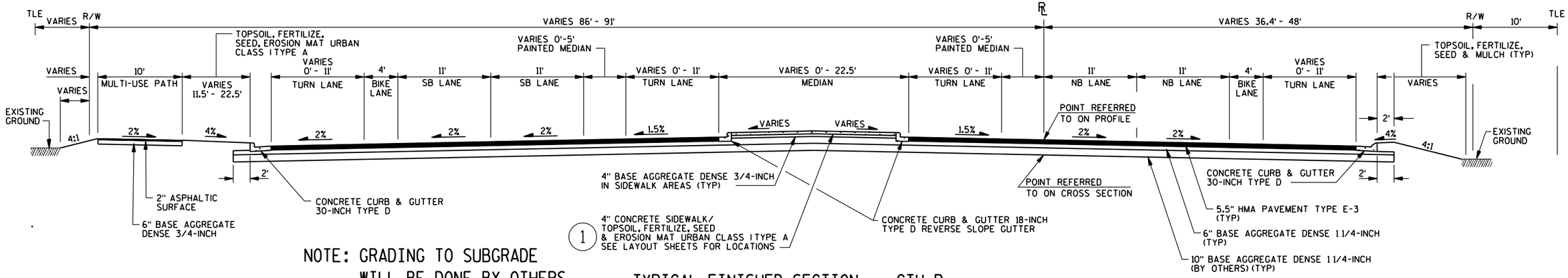
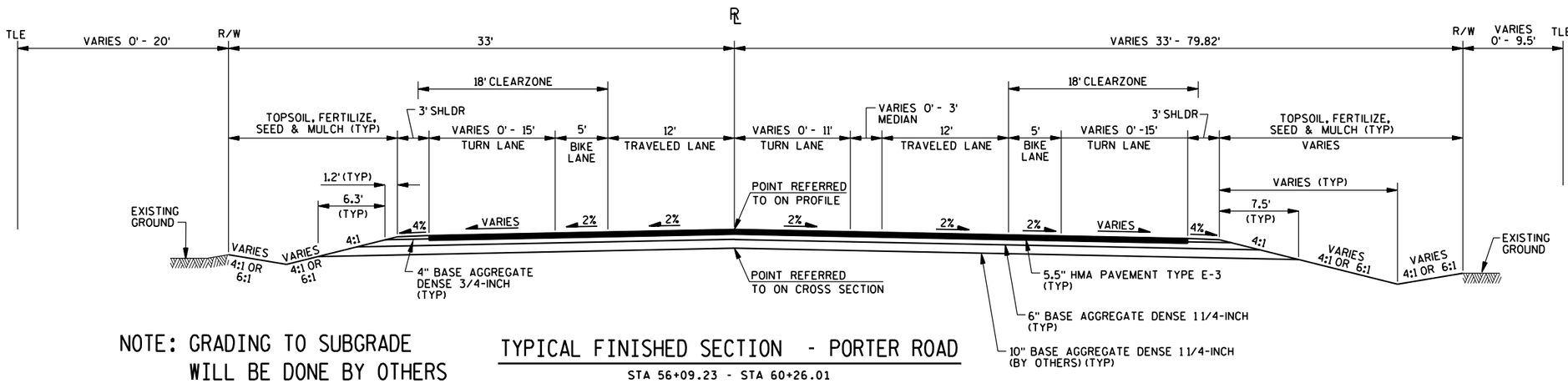


NOTE: GRADING TO SUBGRADE WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - CTH R

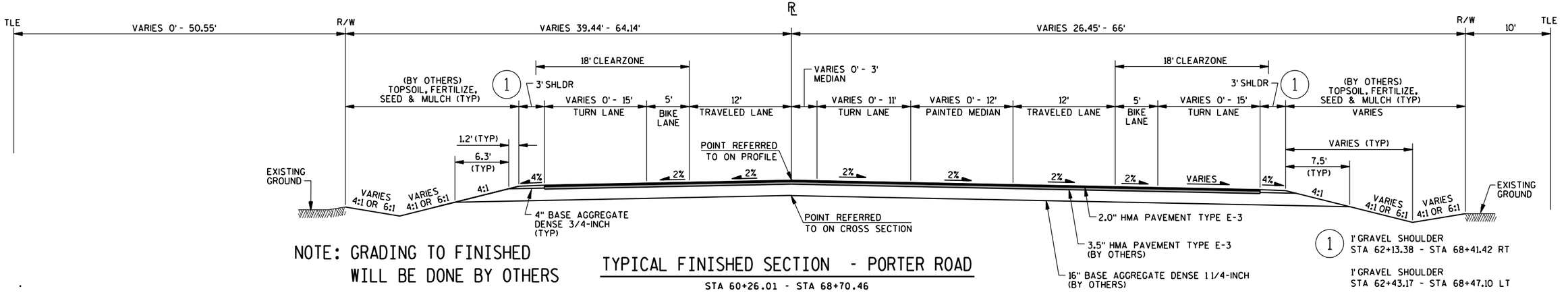
STA 206+55.09 - STA 220+52.85



NOTE: GRADING TO SUBGRADE WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - PORTER ROAD

STA 56+09.23 - STA 60+26.01

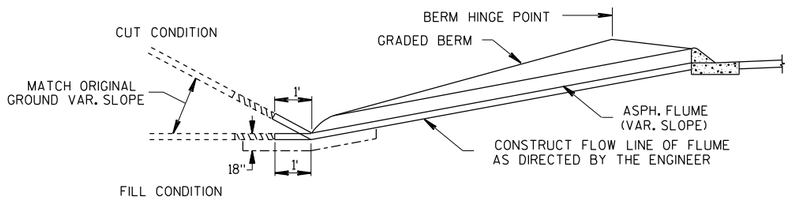


NOTE: GRADING TO FINISHED WILL BE DONE BY OTHERS

TYPICAL FINISHED SECTION - PORTER ROAD

STA 60+26.01 - STA 68+70.46

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	TYPICAL SECTIONS	SHEET 8	E



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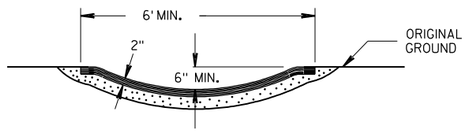

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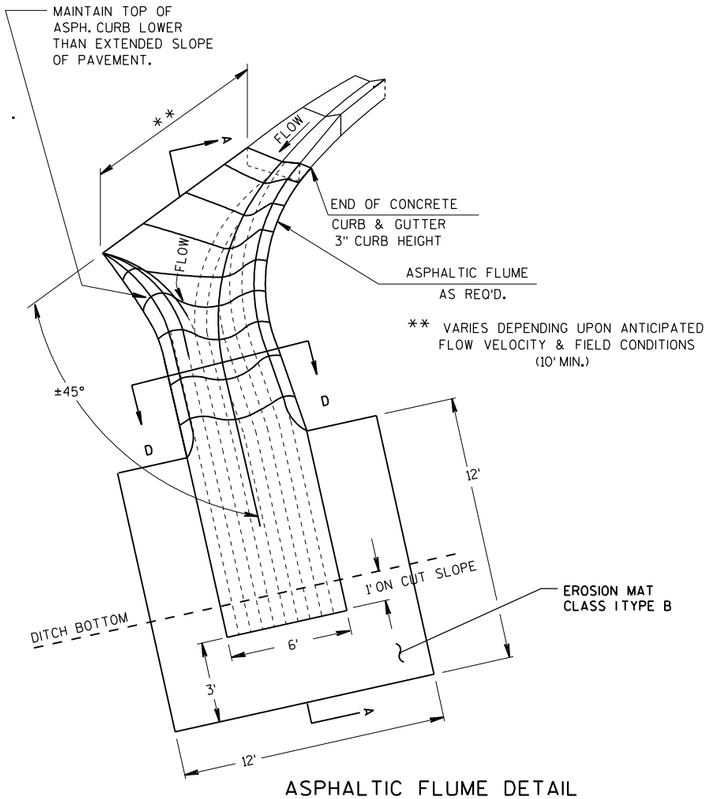
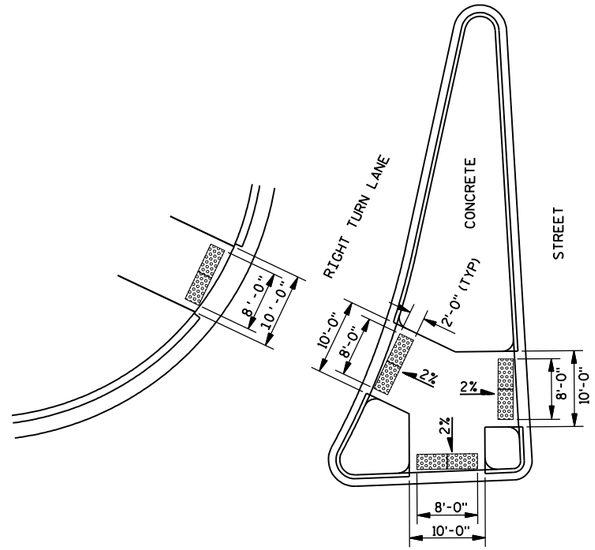


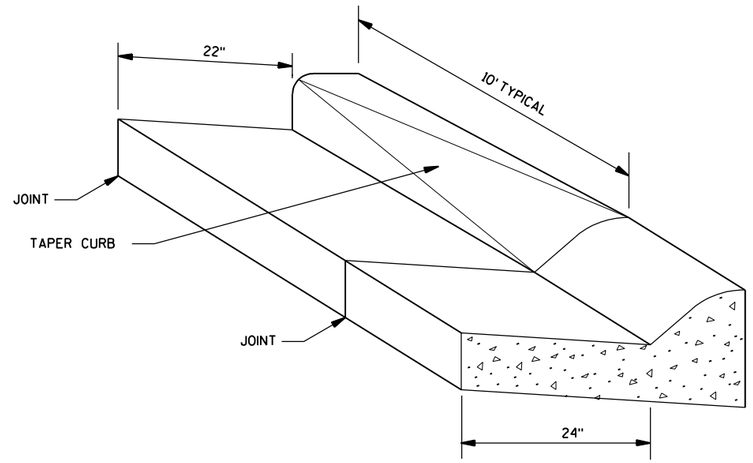
ASPHALTIC FLUME DETAIL

NTS



REFER TO STANDARD DETAILS CURB RAMPS TYPES 5, 6, 7A, 7B AND 8 FOR APPLICABLE RAMP DETAILS.

CURB RAMP TYPE 6 MODIFIED



TRANSITION DETAIL

36", 6" SLOPED CURB & GUTTER, TYPE "D" TO 30", TYPE "D" CURB & GUTTER
(TO BE MEASURED & PAID FOR AS 36" CONC. C&G)

2

2

BEGIN PROJECT 6998-07-70
STA 161+82.76
MATCH EXISTING
SAWCUT REQ,D

161+99.54, 45.40' LT
MATCH EXISTING
SAWCUT REQ,D

162+07.32, 45.73' LT
MATCH EXISTING
SAWCUT REQ,D

162+07.72
42.70' LT

PT 161+97.84
25.22' LT

RAD PT 161+82.89
26.48' LT, 15' RAD

MID RAD 161+92.99
15.39' LT

PC 161+82.76
11.48' LT

PC 162+09.99
25.61' LT

RAD PT 162+24.87
27.55' LT, 15' RAD

MID RAD 162+15.26
16.03' LT

PT 162+25.63
12.57' LT

10' MULTI-USE PATH

CTH R

-00

162+00

163+00

164+00

165+00

166+00

161+93.85
11.85' RT

ASPHALT

165+09.94, 61.20' LT
MATCH EXISTING
SAWCUT REQ,D

165+10.25
58.21' LT

PT 165+11.83
43.13' LT

RAD PT 164+96.92
41.51' LT, 15' RAD

MID RAD 165+08.33
31.78' LT

PC 164+97.68
26.53' LT

165+26.34, 62.04' LT
MATCH EXISTING
SAWCUT REQ,D

165+26.36
59.04' LT

PC 165+26.41
43.71' LT

RAD PT 165+41.41
43.79' LT, 15' RAD

MID RAD 165+31.11
32.89' LT

PT 165+42.18
28.81' LT

10' MULTI-USE PATH

ASPHALT

MATCHLINE STA. 167+00

N

170+53.22, 189.01' LT
MATCH EXISTING
SAWCUT REQ,D

8+00

PINEWOOD DR

170+74.98, 189.81' LT
MATCH EXISTING
SAWCUT REQ,D

N

170+54.22
131.37' LT

PC 170+81.64, 120.49' LT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

RAD PT 171+41.60
122.70' LT, 60' RAD

RAD PT 167+01.43
51.99' LT, 15' RAD

PT 167+16.41
52.67' LT

167+15.69
68.75' LT

167+15.55, 71.74' LT
MATCH EXISTING
SAWCUT REQ,D

167+27.67, 72.36' LT
MATCH EXISTING
SAWCUT REQ,D

167+27.80
69.37' LT

PC 167+28.42
53.56' LT

RAD PT 167+43.41
54.15' LT, 15' RAD

MID RAD 167+33.29
43.07' LT

PT 167+44.17
39.17' LT

MID RAD 167+12.53
41.91' LT

PC 167+02.20
37.01' LT

MID RAD 167+55.49
8.69' LT

RAD PT 167+60.43
7.96' LT, 5' RAD

PT 167+60.18
12.95' LT

PT 167+77.37
0.00' LT

MID RAD 167+67.91
0.82' LT

PCC 167+58.74
3.25' LT

PT 170+52.30, 102.07' LT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

RAD PT 170+12.33
100.60' LT, 40' RAD

9+00

10' MULTI-USE PATH

169+12.12
47.78' LT

PC 170+12.97, 60.60' LT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

MID RAD 170+41.35
73.07' LT

ASPHALT

CONCRETE CURB & GUTTER 18-INCH
TYPE D REVERSE SLOPE GUTTER

MID RAD 171+00.31
79.16' LT

10' MULTI-USE PATH

172+92.56
56.00' LT

PT 171+42.57, 62.71' LT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

MID RAD 172+75.98
20.69' LT

PT 172+84.65
21.00' LT

172+16 BEGIN
CONCRETE SIDEWALK

PC 172+67.66
20.04' LT

CONCRETE

MATCHLINE STA. 167+00

168+00

169+00

GRASS

CTH R

170+00

PT 170+82.15
1.49' LT

GRASS

171+00

172+00

PT 172+84.60
9.00' LT

MID RAD 172+80.03
4.43' LT

RAD PT 172+84.60
4.50' LT, 4.5' RAD

PT 172+84.60
0.00' RT

MID RAD 170+67.25
0.37' LT

169+76.26
0.00' LT

PC 170+52.31
0.00' LT

169+47.70
23.55' RT

169+76.26
27.00' RT

ASPHALT

3-Z INLET
STA 172+87.11, 8.50' LT
EL. 1097.35

MATCHLINE STA. 173+00

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CTH R	SHEET 10	E

2

N

CTH R

MATCHLINE STA. 173+00

MATCHLINE STA. 179+00

174+86.93, 106.81' LT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

PT 174+84.35
94.68' LT

MID RAD 174+64.17
100.08' LT

PT 174+74.48
94.90' LT

PC 174+52.67
100.99' LT

RAD PT 174+45.22
103.00' LT, 40' RAD

MID RAD 173+31.08
87.31' LT

PC 173+20.20
87.00' LT

PT 173+41.92
88.25' LT

10' MULTI-USE PATH

MID RAD 174+70.39
71.91' LT

PC 174+45.22, 63.00' LT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

173+78.56
56.00' LT

ASPHALT

CONCRETE

ASPHALT

59+00

PC 175+66.41, 128.80' LT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

RAD PT 176+06.10
129.49' LT, 40' RAD

MID RAD 176+07.61
109.32' LT

176+31.32, 82.69' LT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

PC 175+97.51
102.81' LT

PT 176+19.47
111.34' LT

MID RAD 175+75.31
104.32' LT

PT 175+97.40
90.52' LT

10' MULTI-USE PATH

RAD PT 175+66.69
83.68' LT, 3.5' RAD

PCC 175+68.48
86.69' LT

PC 175+63.19
83.62' LT

MID RAD 175+82.35
79.83' LT

PT 175+97.12
75.19' LT

PC 176+61.63
75.69' LT

PT 177+29.11
67.77' LT

PT 176+27.94
68.07' LT

CONCRETE

PC 175+63.56
62.56' LT

RAD PT 176+27.16
64.66' LT, 3.5' RAD

MID RAD 176+95.15
69.93' LT

178+75.12
65.48' LT

RAD PT 175+67.05
62.62' LT, 3.5' RAD

PT 175+67.17
59.12' LT

CONCRETE CURB
& GUTTER
18-INCH TYPE D

PC 176+27.27
61.16' LT

CONCRETE CURB &
GUTTER 18-INCH
TYPE D REVERSE
SLOPE GUTTER

ASPHALT

MID RAD 174+64.09
27.97' LT

PCC 174+76.57
24.90' LT

PT 174+51.28
29.00' LT

RAD PT 174+75.94
23.00' LT, 2' RAD

CONCRETE

RAD PT 175+72.64
25.00' LT, 4' RAD

PT 175+72.64
29.00' LT

CONCRETE CURB & GUTTER 18-INCH
TYPE D REVERSE SLOPE GUTTER

PT 177+92.32
27.92' LT

RAD PT 177+92.25
23.92' LT, 4' RAD

178+45.70 END
CONCRETE SIDEWALK

PT 174+75.94
21.00' LT

PT 174+99.48
9.00' LT

RAD PT 174+99.48
4.50' LT, 4.5' RAD

MID RAD 175+03.98
4.50' LT

PT 175+72.64
21.00' LT

PT 175+95.86
9.00' LT

ASPHALT

CONCRETE CURB & GUTTER
18-INCH TYPE D

PC 177+92.18
19.92' LT

PT 178+12.30
8.63' LT

CONCRETE

GRASS

CONCRETE CURB & GUTTER
18-INCH TYPE D

RAD PT 175+95.86
7.00' LT, 2' RAD

174+00

175+00

177+00

178+00

CONCRETE CURB & GUTTER 18-INCH
TYPE D REVERSE SLOPE GUTTER

ASPHALT

CONCRETE CURB & GUTTER
18-INCH TYPE D

PT 174+99.48
0.00' RT

PCC 175+95.15
5.13' LT

PT 176+23.33
0.00' RT

177+29.99
0.00' LT

PC 177+91.66
7.92' LT

MID RAD 178+01.99
8.01' LT

3-Z INLET
STA 176+01.39, 8.50' LT
EL. 1098.60

MID RAD 176+09.01
1.29' LT

ASPHALT

PC 177+24.54
26.45' RT

MID RAD 177+30.00
26.09' RT

PC 173+35.41
27.00' RT

MID RAD 173+69.37
28.93' RT

PT 174+02.90
34.69' RT

PT 174+83.63
30.87' RT

RAD PT 174+83.76
34.37' RT, 3.5' RAD

PCC 174+82.97
37.78' RT

CONCRETE

PC 175+07.58
30.00' RT

RAD PT 175+07.71
33.50' RT, 3.5' RAD

PT 175+11.21
33.44' RT

PT 175+11.38
43.15' RT

RAD PT 175+07.88
43.21' RT, 3.5' RAD

PCC 175+06.28
46.32' RT

CONCRETE

PT 176+23.71
34.20' RT

PT 177+35.92
26.00' RT

178+45.24, 26.00' RT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

MID RAD 174+94.89
41.33' RT

PC 174+77.32, 51.87' RT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

CONCRETE CURB &
GUTTER 18-INCH
TYPE D REVERSE
SLOPE GUTTER

MID RAD 176+00.43
43.98' RT

RAD PT 176+26.77
74.00' RT, 40' RAD

MID RAD 174+99.32
65.57' RT

RAD PT 174+68.32
90.85' RT, 40' RAD

PC 175+87.65, 65.76' RT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

PT 175+08.31, 89.87' RT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

ASPHALT

61+00

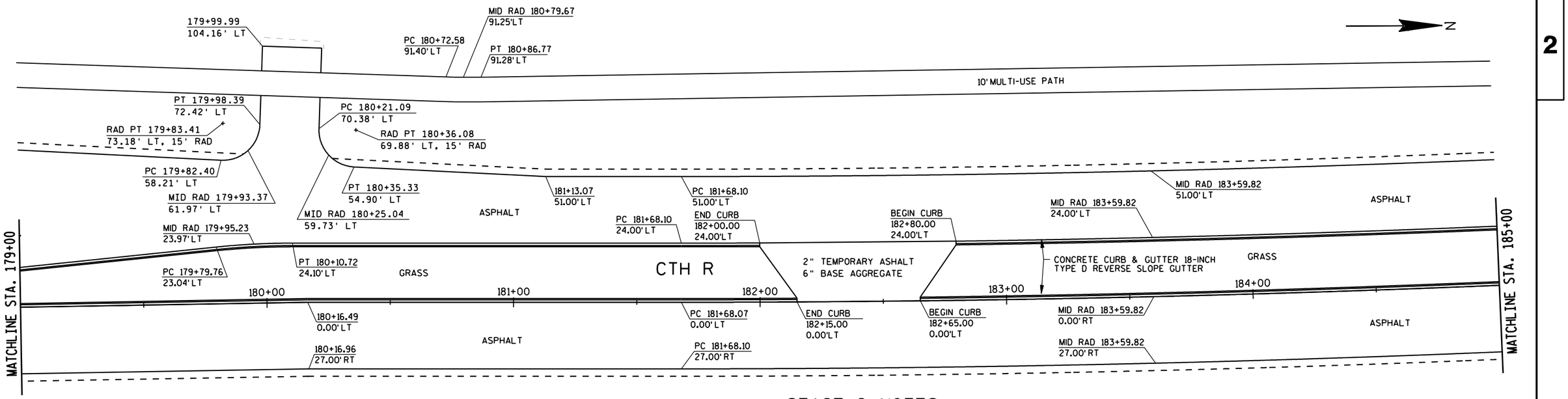
62+29

PORTER ROAD

ASPHALT

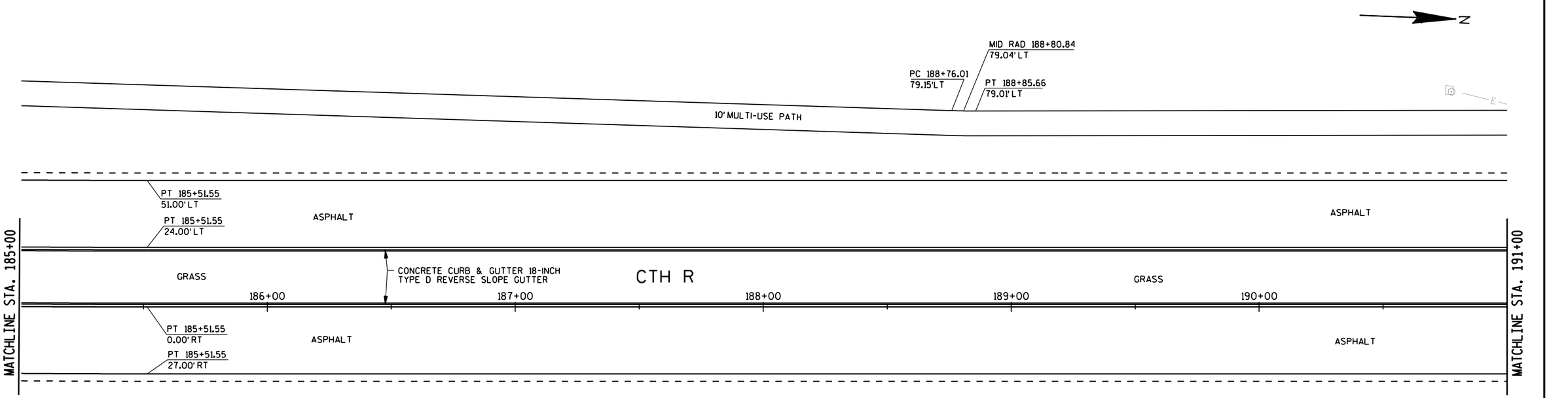
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CTH R	SHEET 11	E

FILE NAME: I:\work\projects\94854\gra\porter-cthhh\021202_pd.dgn
BATCH PRINT SHEET 2 OF 12
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:06:14 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

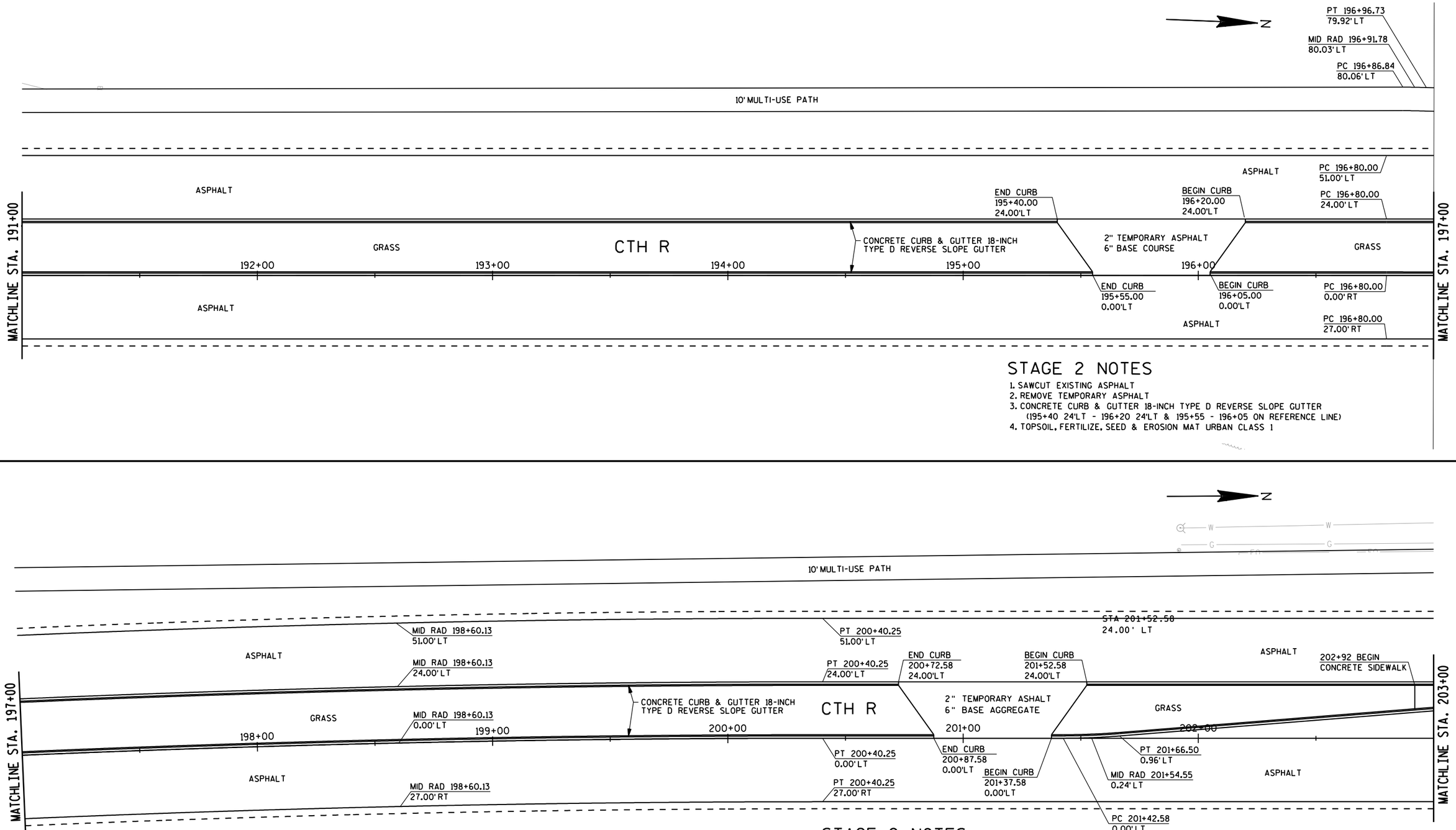


STAGE 2 NOTES

1. SAWCUT EXISTING ASPHALT
2. REMOVE TEMPORARY ASPHALT
3. CONCRETE CURB & GUTTER 18-INCH TYPE D REVERSE SLOPE GUTTER
   (182+00 24'LT - 182+80 24'LT & 182+15 - 182+65 ON REFERENCE LINE)
4. TOPSOIL, FERTILIZE, SEED & EROSION MAT URBAN CLASS 1



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CTH R	SHEET 12	E



STAGE 2 NOTES

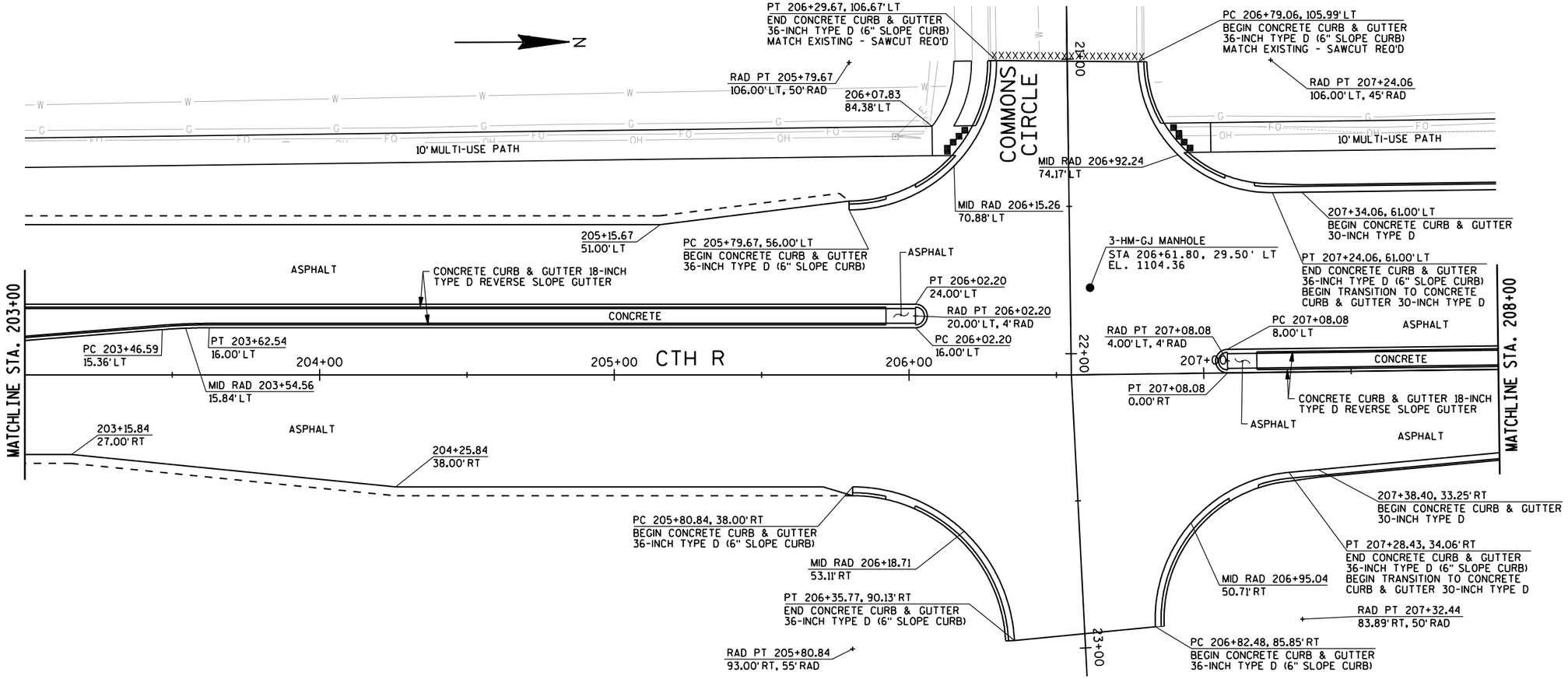
1. SAWCUT EXISTING ASPHALT
2. REMOVE TEMPORARY ASPHALT
3. CONCRETE CURB & GUTTER 18-INCH TYPE D REVERSE SLOPE GUTTER
   (195+40 24'LT - 196+20 24'LT & 195+55 - 196+05 ON REFERENCE LINE)
4. TOPSOIL, FERTILIZE, SEED & EROSION MAT URBAN CLASS 1

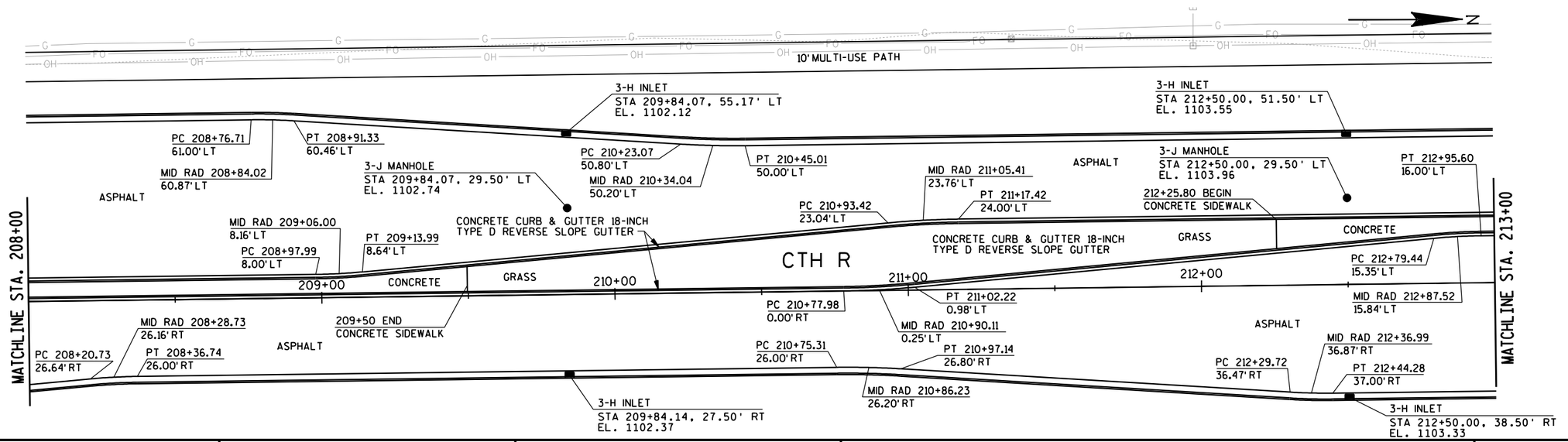
STAGE 2 NOTES

1. SAWCUT EXISTING ASPHALT
2. REMOVE TEMPORARY ASPHALT
3. CONCRETE CURB & GUTTER 18-INCH TYPE D REVERSE SLOPE GUTTER
   (200+72.58 24'LT - 201+52.58 24'LT & 200+87.58 - 201+37.58 ON REFERENCE LINE)
4. TOPSOIL, FERTILIZE, SEED & EROSION MAT URBAN CLASS 1

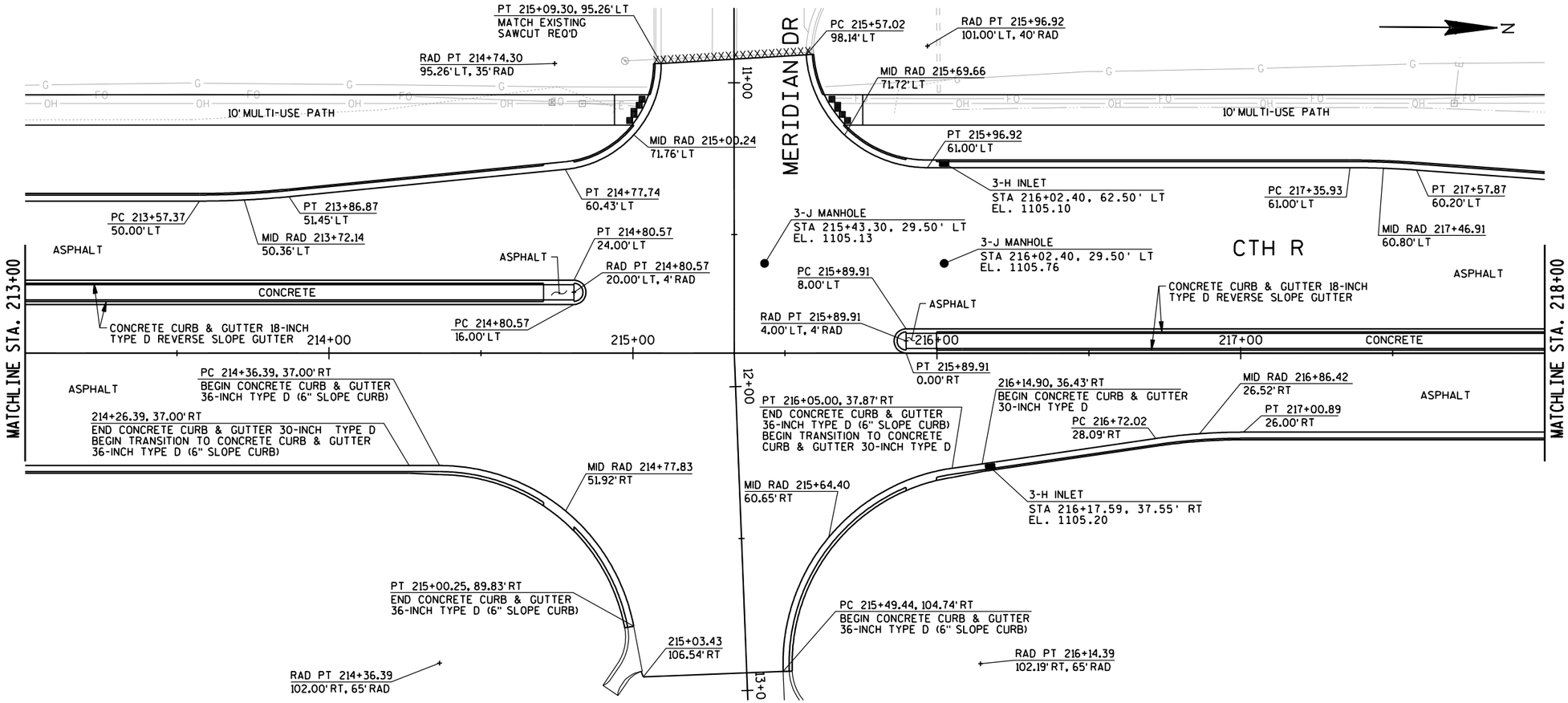
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CTH R	SHEET 13	E

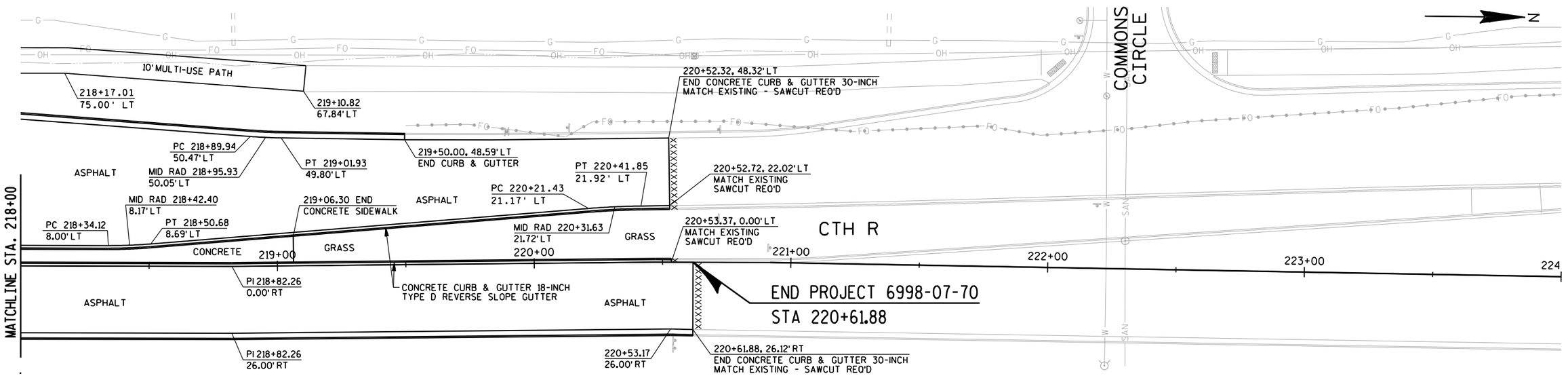
FILE NAME: l:\work\projects\94854\gra\porter-cthhh\021204_pd.dgn
BATCH PRINT SHEET 4 OF 12
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:06:22 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42





PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CTH R	SHEET 14	E





PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CTH R	SHEET 15	E

2

SEE LAYOUT - PORTER ROAD
FOR STATION AND
OFFSETS ON ISLAND

N

SEE LAYOUT - DRIVEWAYS
FOR STATION AND OFFSETS

SEPTIC COVER

59+44.84, 88.10' LT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

RAD PT 58+97.61
64.00' LT, 40' RAD

10' MULTI-USE PATH

ASPHALT

CTH R

CONCRETE

177+00

ASPHALT

PC 60+61.57
78.47' LT

RAD PT 61+01.50
80.84' LT, 40' RAD

CONCRETE CURB & GUTTER
18-INCH TYPE D
REVERSE SLOPE GUTTER

MID RAD 60+70.95
55.02' LT

PT 60+92.50, 41.87' LT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

PC 60+61.67
36.57' LT

MID RAD 60+72.75
31.78' LT

RAD PT 60+60.09
33.44' LT, 3.5' RAD

PT 60+56.60
33.51' LT

PT 60+84.33
28.36' LT

PC 60+56.42
23.55' LT

CONCRETE

RAD PT 60+83.62
24.93' LT, 3.5' RAD

RAD PT 60+59.92
23.49' LT, 3.5' RAD

PT 60+60.13
20.00' LT

PC 60+83.83
21.44' LT

ASPHALT

56+59.23
17.00' LT

PC 58+08.57
17.00' LT

PT 59+36.42
54.33' LT

MID RAD 59+22.24
32.48' LT

PT 58+53.07
20.32' LT

PC 58+97.61, 24.00' LT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

MID RAD 58+30.88
17.83' LT

56+09 57+00 58+00 59+00 60+00 61+00

SAN W FO G

PORTER ROAD

MATCHLINE STA. 61+50

CONCRETE CURB & GUTTER
18-INCH TYPE D

MID RAD 57+82.02
25.41' RT

ASPHALT

PT 58+05.81
29.90' RT

PC 57+57.95
22.85' RT

56+59.23
17.00' RT

56+68.67
17.00' RT

CONCRETE CURB & GUTTER
18-INCH TYPE D

PT 59+62.85
34.32' RT

RAD PT 59+22.37
37.82' RT, 3.5' RAD

PC 59+22.37
34.32' RT

RAD PT 59+62.85
37.82' RT, 3.5' RAD

CONCRETE

PC 59+66.34
37.88' RT

PT 59+21.59
41.23' RT

PC 59+34.30
44.17' RT

PT 59+66.11
51.49' RT

RAD PT 59+62.61
51.43' RT, 3.5' RAD

PC 59+18.21, 55.85' RT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

PCC 59+60.89
54.48' RT

CONCRETE CURB & GUTTER 18-INCH
TYPE D REVERSE SLOPE GUTTER

MID RAD 59+52.82
72.99' RT

MID RAD 59+47.96
48.37' RT

RAD PT 59+21.30
97.61' RT, 40' RAD

PT 59+61.30, 98.31' RT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

10' MULTI-USE PATH

ASPHALT

CONCRETE

175+00

174+00

CONCRETE

ASPHALT

PT 61+15.24, 37.88' RT
END CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

CONCRETE

MID RAD 60+90.78
46.45' RT

RAD PT 61+15.52
77.88' RT, 40' RAD

PC 60+76.71, 68.21' RT
BEGIN CONCRETE CURB & GUTTER
36-INCH TYPE D (6" SLOPE CURB)

BEGIN CONSTRUCTION 6998-07-70

STA 56+59.23
MATCH EXISTING
SAWCUT REQ'D

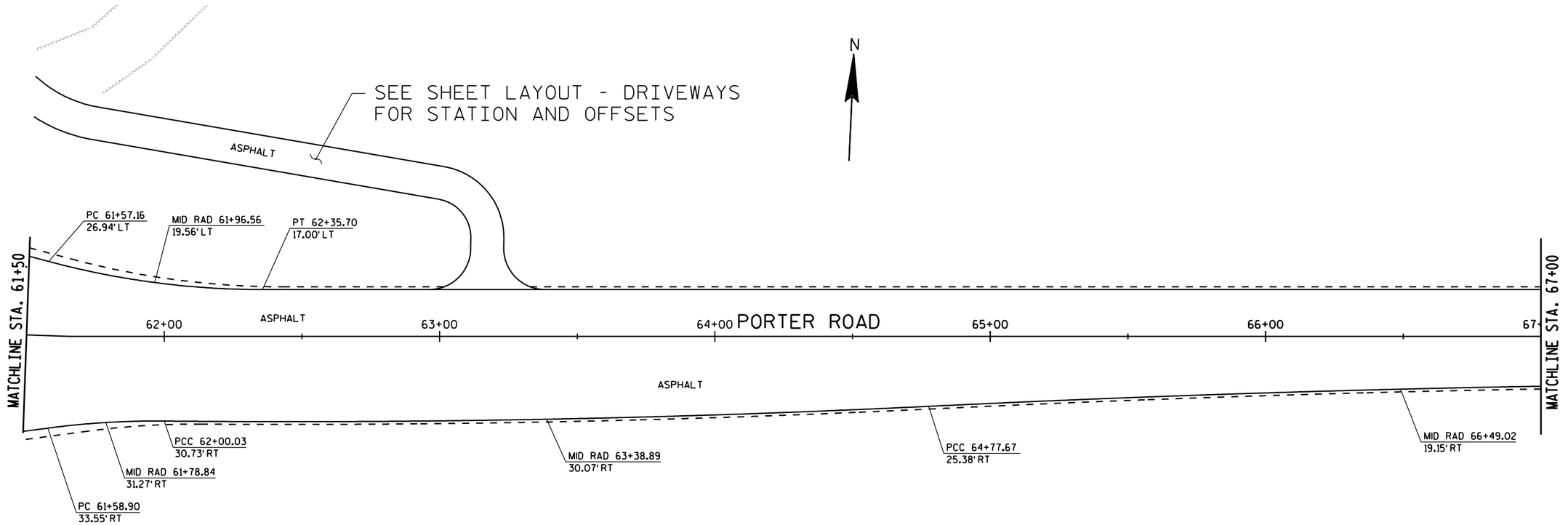
SEE SHEET LAYOUT - DRIVEWAYS
FOR STATION AND OFFSETS

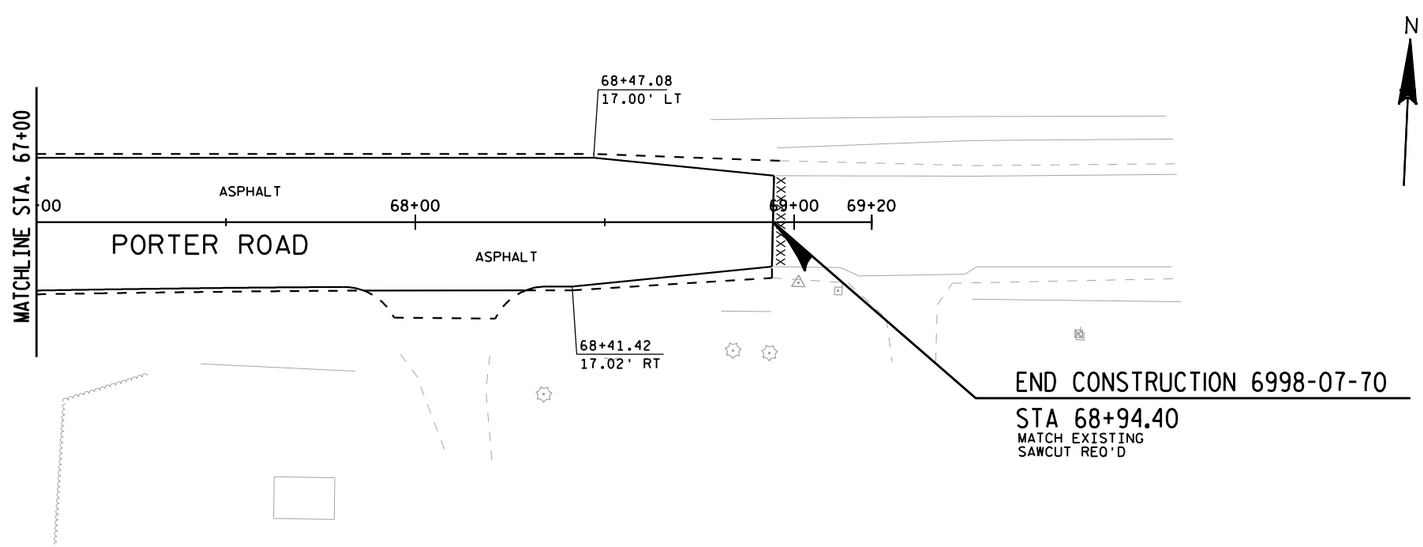
SEE LAYOUT -
PORTER ROAD
FOR STATION AND
OFFSETS ON ISLAND

2

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - PORTER ROAD	SHEET 16	E

2





PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - PORTER ROAD	SHEET 17	E

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BATCH PRINT SHEET 8 OF 12
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PLOT DATE: 11/21/2013
PLOT TIME: 9:06:36 AM
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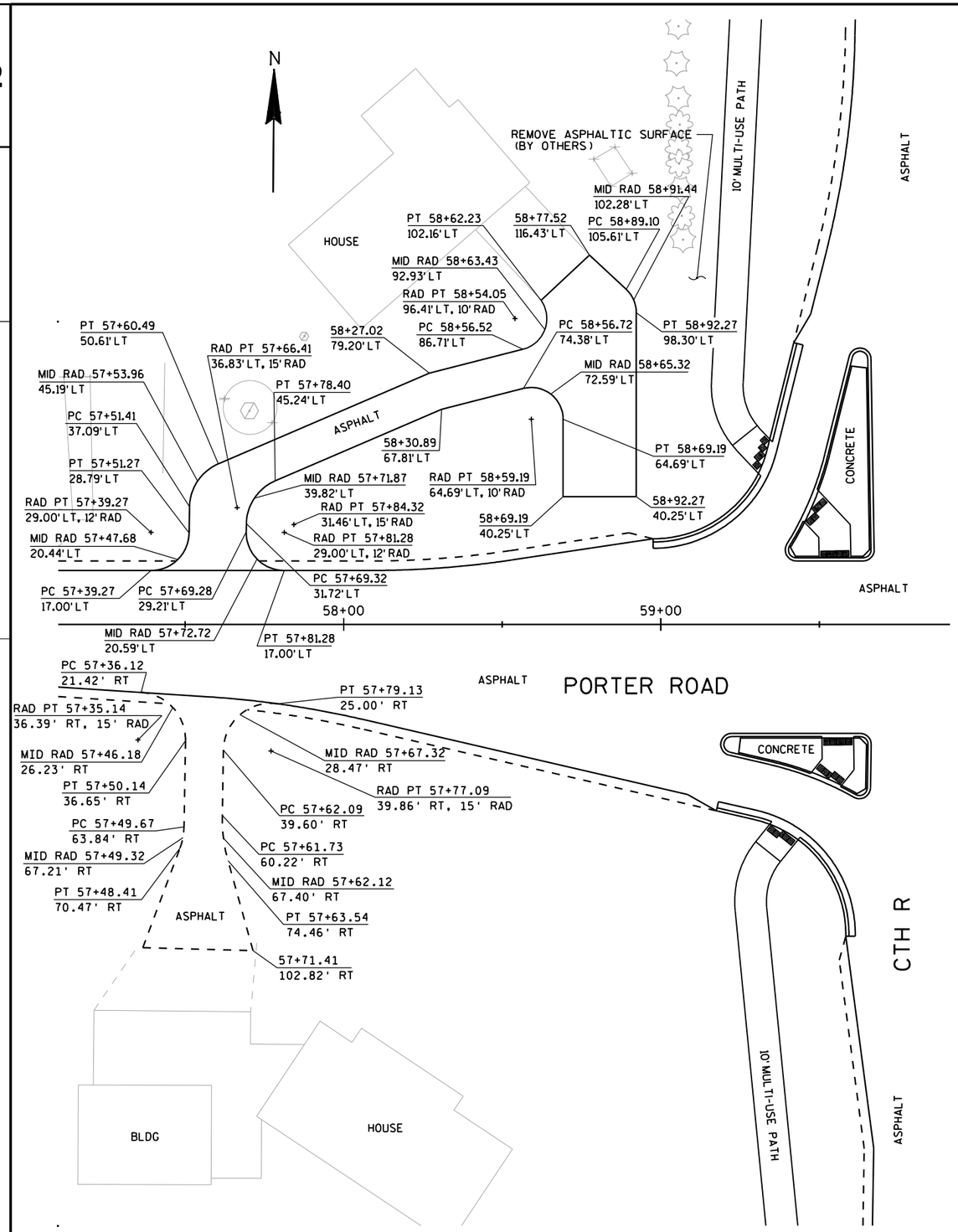
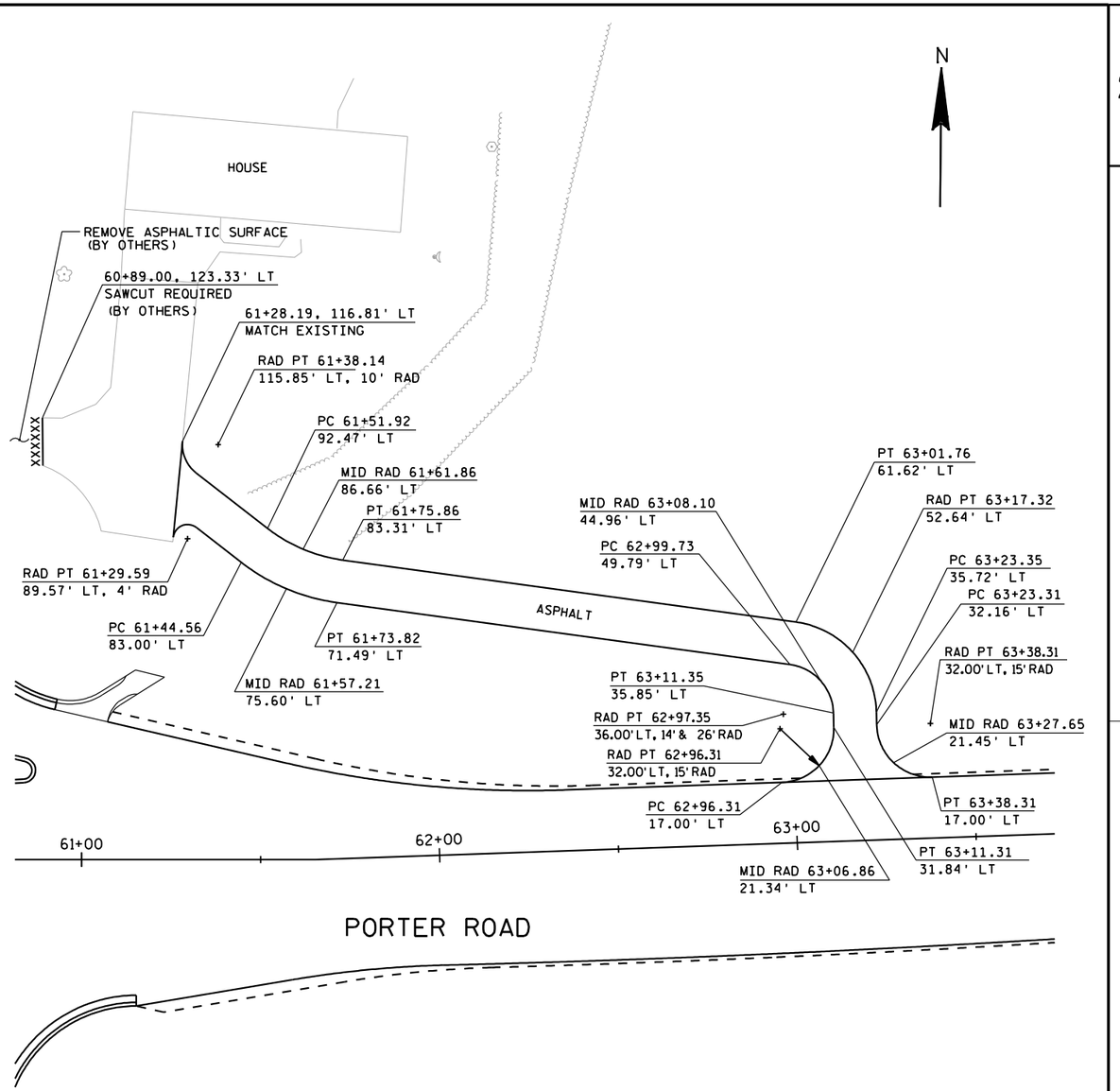
WISDOT/CADDS SHEET 42





PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - DRIVEWAYS	SHEET 18	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\021209_pd.dgn
BATCH PRINT SHEET 9 OF 12
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:06:38 AM
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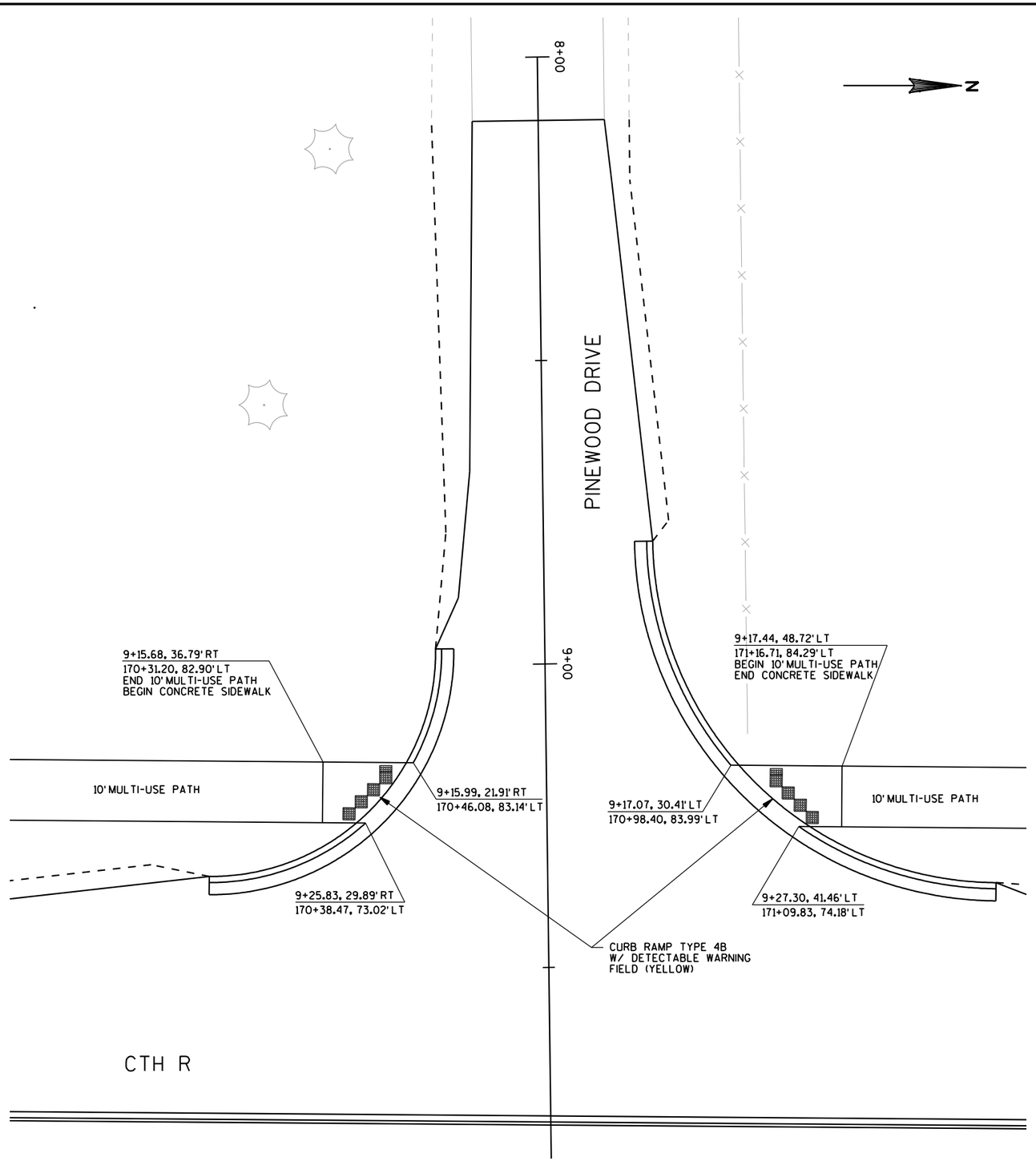
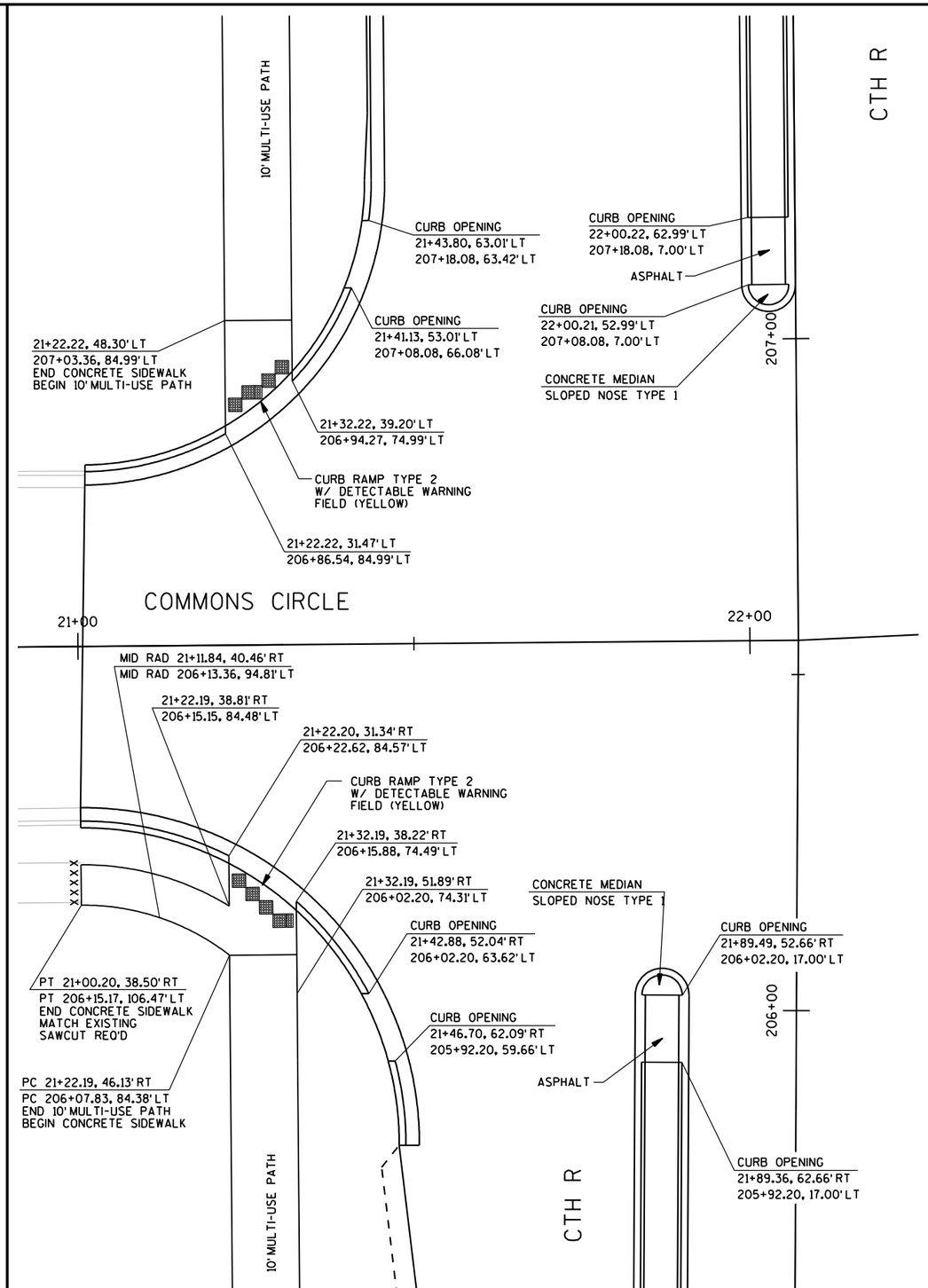
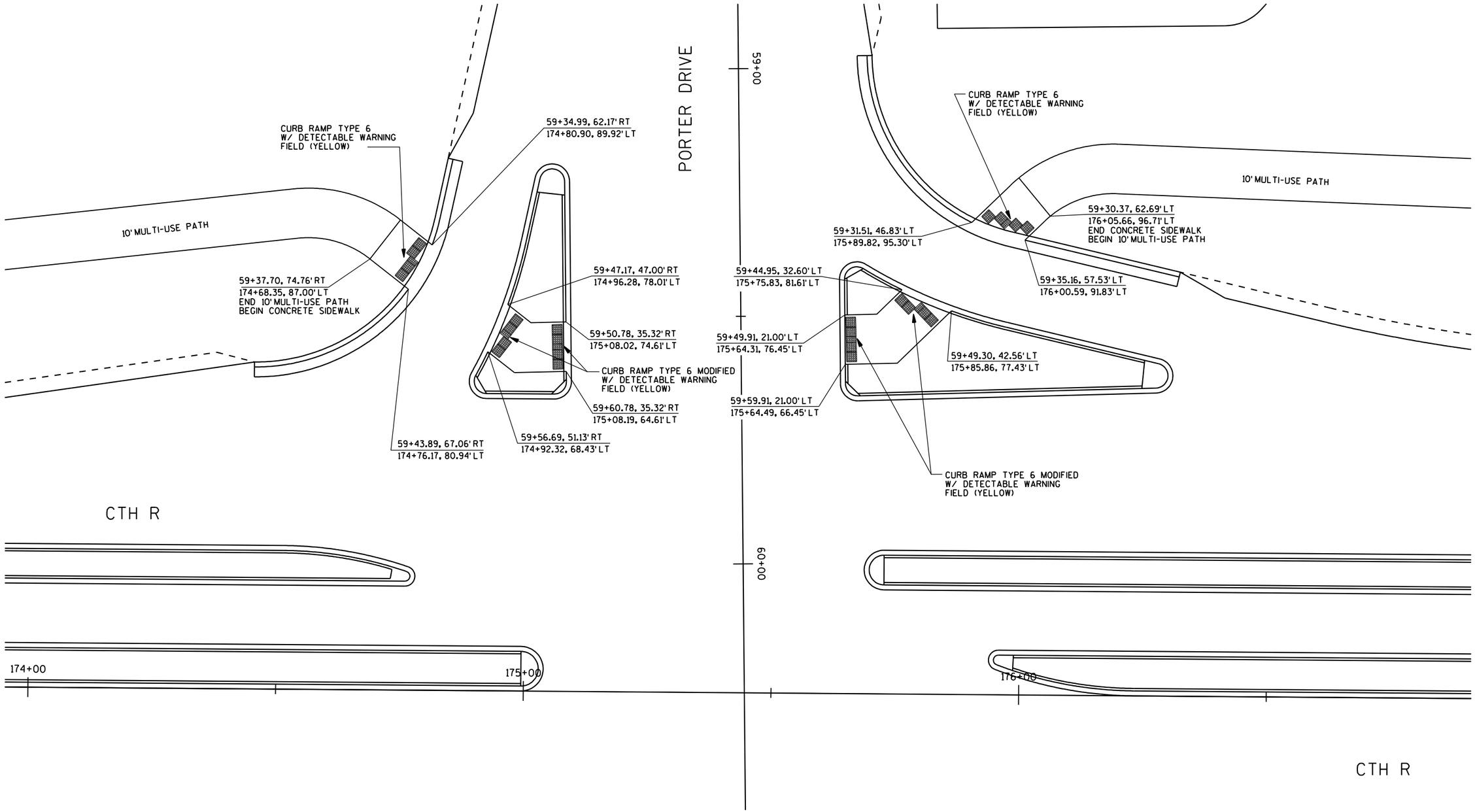
WISDOT/CADDS SHEET 42


N
8+00
9+00
PINEWOOD DRIVE
9+15.68, 36.79' RT
170+31.20, 82.90' LT
END 10' MULTI-USE PATH
BEGIN CONCRETE SIDEWALK
10' MULTI-USE PATH
9+15.99, 21.91' RT
170+46.08, 83.14' LT
9+25.83, 29.89' RT
170+38.47, 73.02' LT
CURB RAMP TYPE 4B
W/ DETECTABLE WARNING
FIELD (YELLOW)
9+17.44, 48.72' LT
171+16.71, 84.29' LT
BEGIN 10' MULTI-USE PATH
END CONCRETE SIDEWALK
9+17.07, 30.41' LT
170+98.40, 83.99' LT
10' MULTI-USE PATH
9+27.30, 41.46' LT
171+09.83, 74.18' LT
CTH R


10' MULTI-USE PATH
CTH R
CURB OPENING
21+43.80, 63.01' LT
207+18.08, 63.42' LT
CURB OPENING
22+00.22, 62.99' LT
207+18.08, 7.00' LT
ASPHALT
CURB OPENING
21+41.13, 53.01' LT
207+08.08, 66.08' LT
CURB OPENING
22+00.21, 52.99' LT
207+08.08, 7.00' LT
207+00
21+22.22, 48.30' LT
207+03.36, 84.99' LT
END CONCRETE SIDEWALK
BEGIN 10' MULTI-USE PATH
CONCRETE MEDIAN
SLOPED NOSE TYPE 1
21+32.22, 39.20' LT
206+94.27, 74.99' LT
CURB RAMP TYPE 2
W/ DETECTABLE WARNING
FIELD (YELLOW)
21+22.22, 31.47' LT
206+86.54, 84.99' LT
COMMONS CIRCLE
21+00
22+00
MID RAD 21+11.84, 40.46' RT
MID RAD 206+13.36, 94.81' LT
21+22.19, 38.81' RT
206+15.15, 84.48' LT
21+22.20, 31.34' RT
206+22.62, 84.57' LT
CURB RAMP TYPE 2
W/ DETECTABLE WARNING
FIELD (YELLOW)
21+32.19, 38.22' RT
206+15.88, 74.49' LT
21+32.19, 51.89' RT
206+02.20, 74.31' LT
CONCRETE MEDIAN
SLOPED NOSE TYPE 1
CURB OPENING
21+42.88, 52.04' RT
206+02.20, 63.62' LT
CURB OPENING
21+89.49, 52.66' RT
206+02.20, 17.00' LT
PT 21+00.20, 38.50' RT
PT 206+15.17, 106.47' LT
END CONCRETE SIDEWALK
MATCH EXISTING
SAWCUT REQ'D
CURB OPENING
21+46.70, 62.09' RT
205+92.20, 59.66' LT
206+00
ASPHALT
PC 21+22.19, 46.13' RT
PC 206+07.83, 84.38' LT
END 10' MULTI-USE PATH
BEGIN CONCRETE SIDEWALK
CURB OPENING
21+89.36, 62.66' RT
205+92.20, 17.00' LT
10' MULTI-USE PATH
CTH R

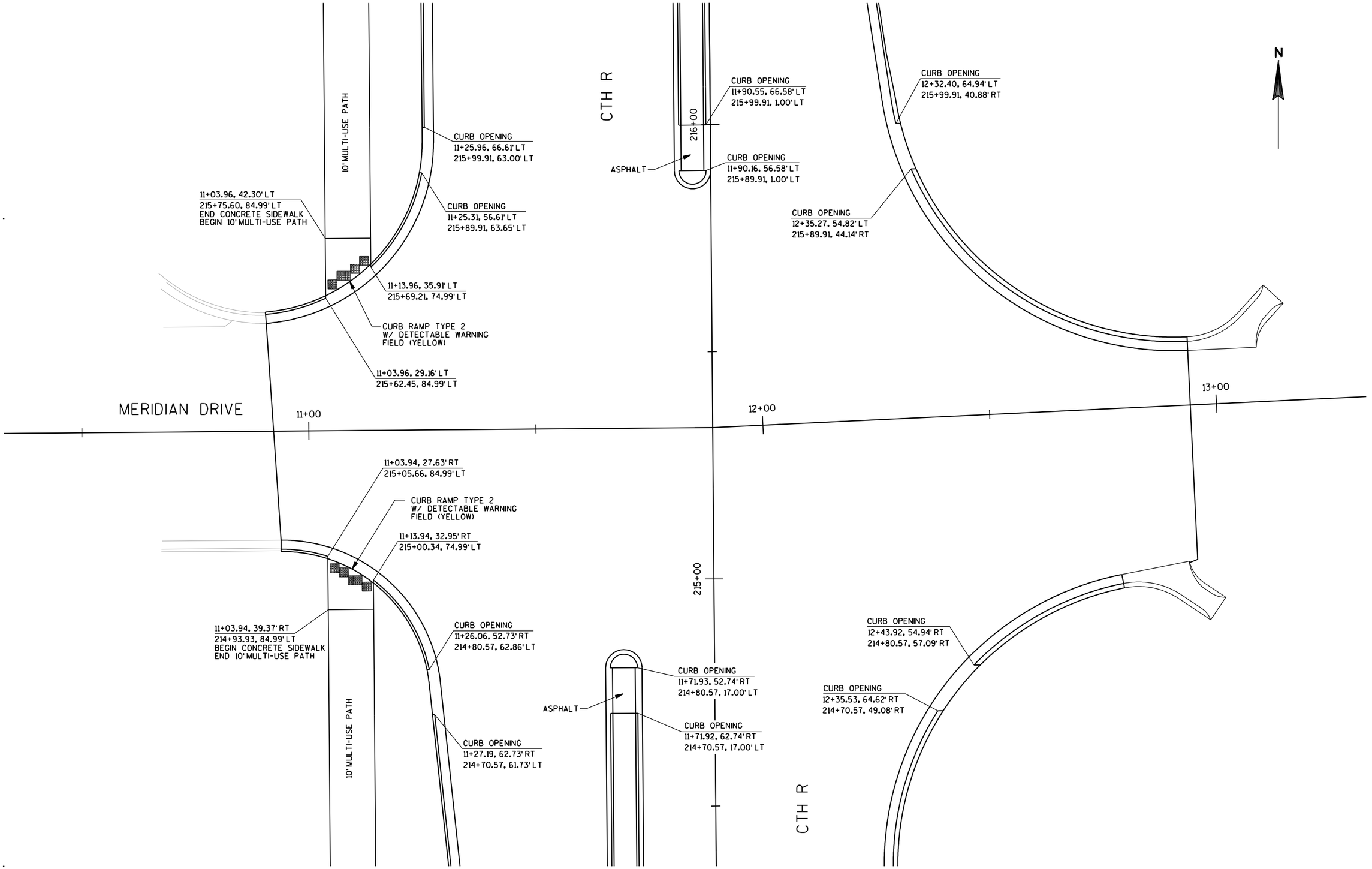
2



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CURB RAMPS	SHEET 20	E

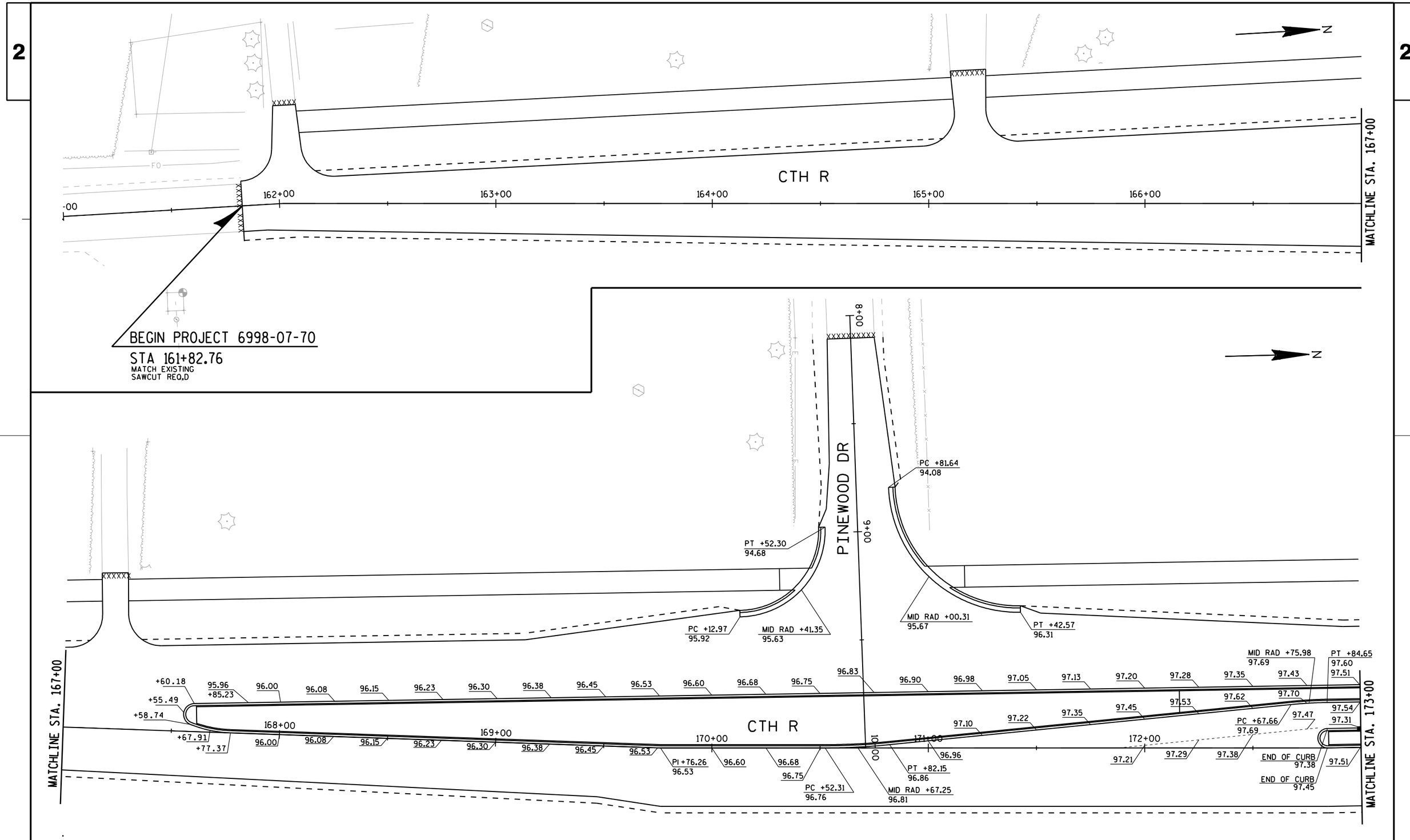
FILE NAME: l:\work\projects\94854\gra\porter-cthhh\021211_pd.dgn
BATCH PRINT SHEET 11 OF 12
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:06:44 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 42

2



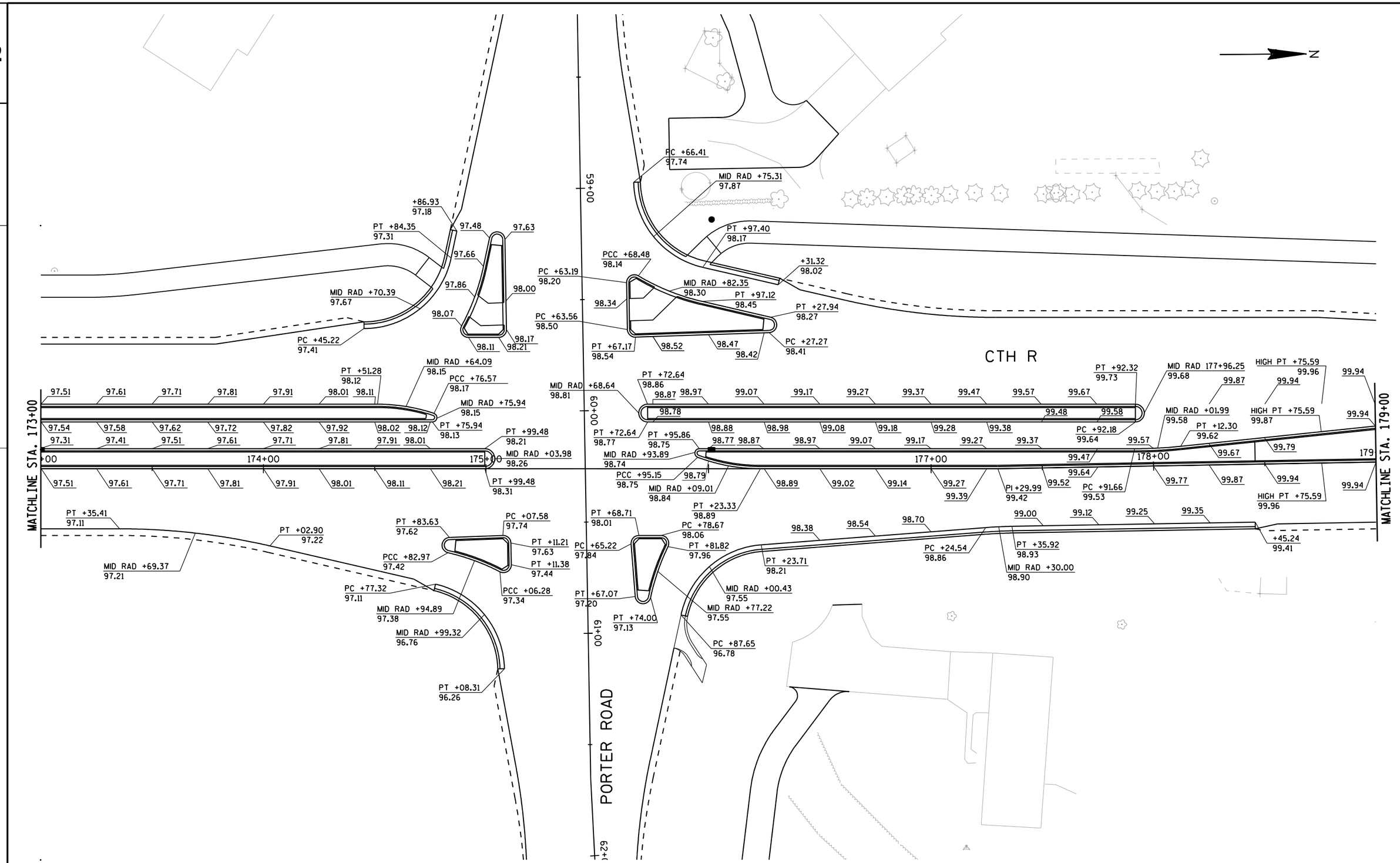
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	LAYOUT - CURB RAMPS	SHEET 21	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\021212_pd.dgn
BATCH PRINT SHEET 12 OF 12
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:06:46 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 42



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PAVING GRADES - CTH R	SHEET 22	E

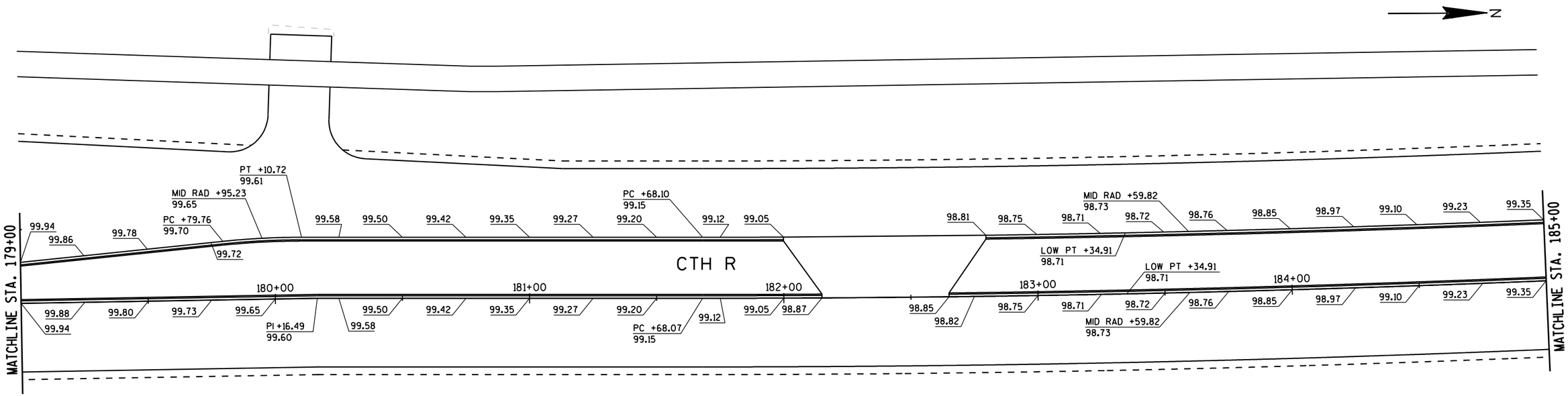
FILE NAME: I:\work\projects\94854\gra\porter-cthhh\021211_pg.dgn
BATCH PRINT SHEET 1 OF 6
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:07:00 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

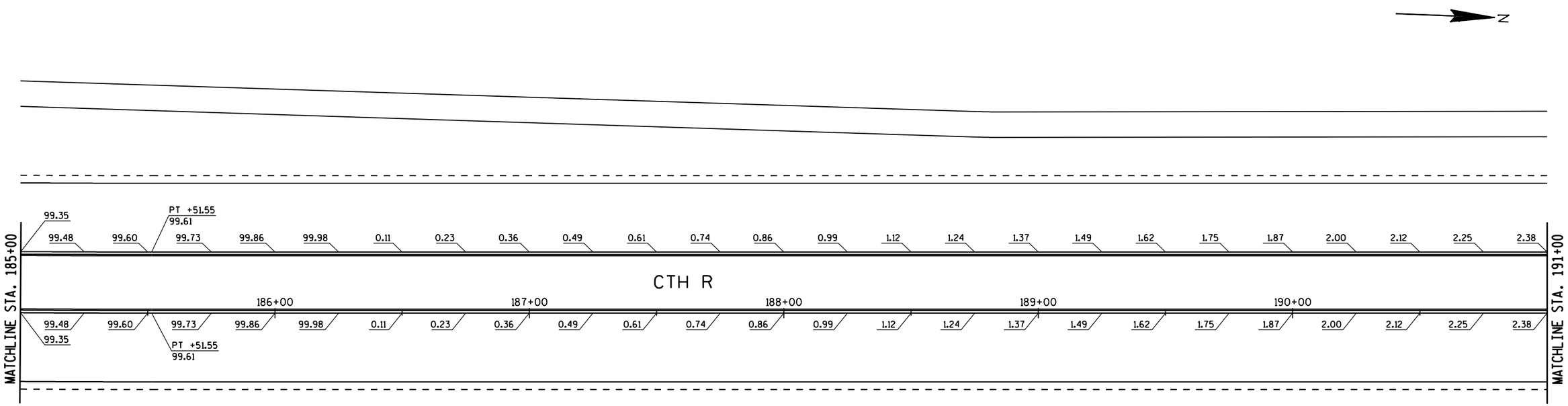


PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PAVING GRADES - CTH R	SHEET 23	E

FILE NAME: I:\work\projects\94854\gra\porter-cthhh\021212_pg.dgn
BATCH PRINT SHEET 2 OF 6
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:07:02 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

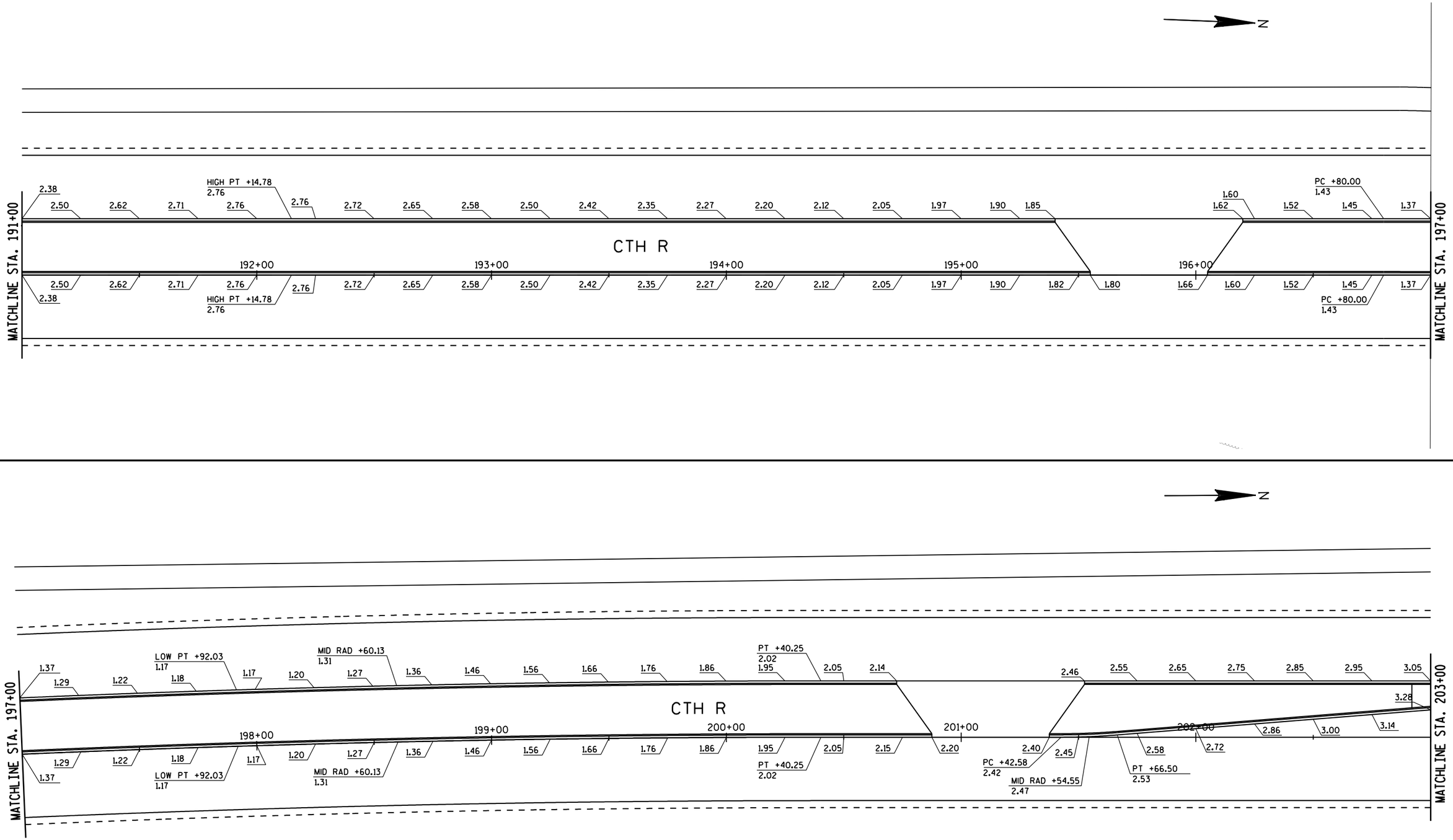
2





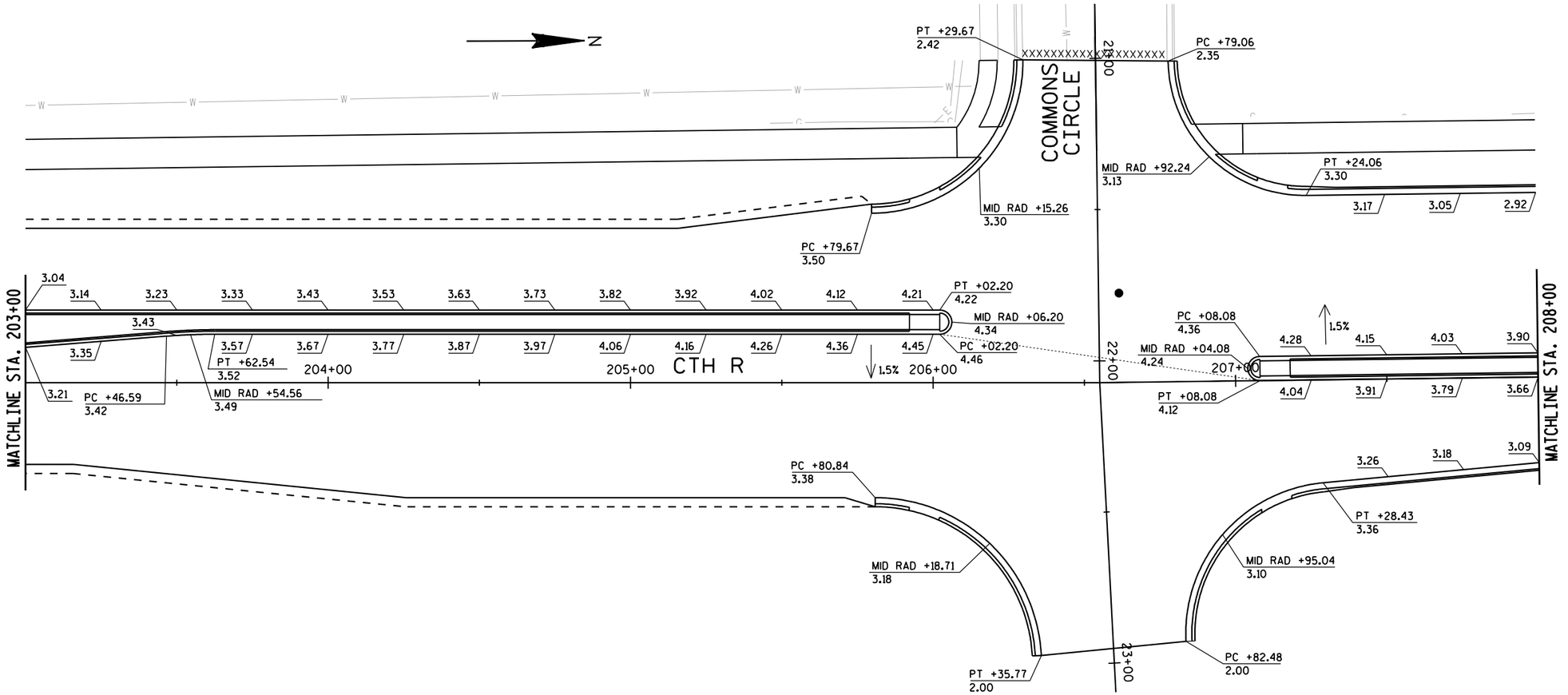
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PAVING GRADES - CTH R	SHEET 24	E

FILE NAME: I:\work\projects\94854\gra\porter-cthhh\021213_pg.dgn
BATCH PRINT SHEET 3 OF 6
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:07:05 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42



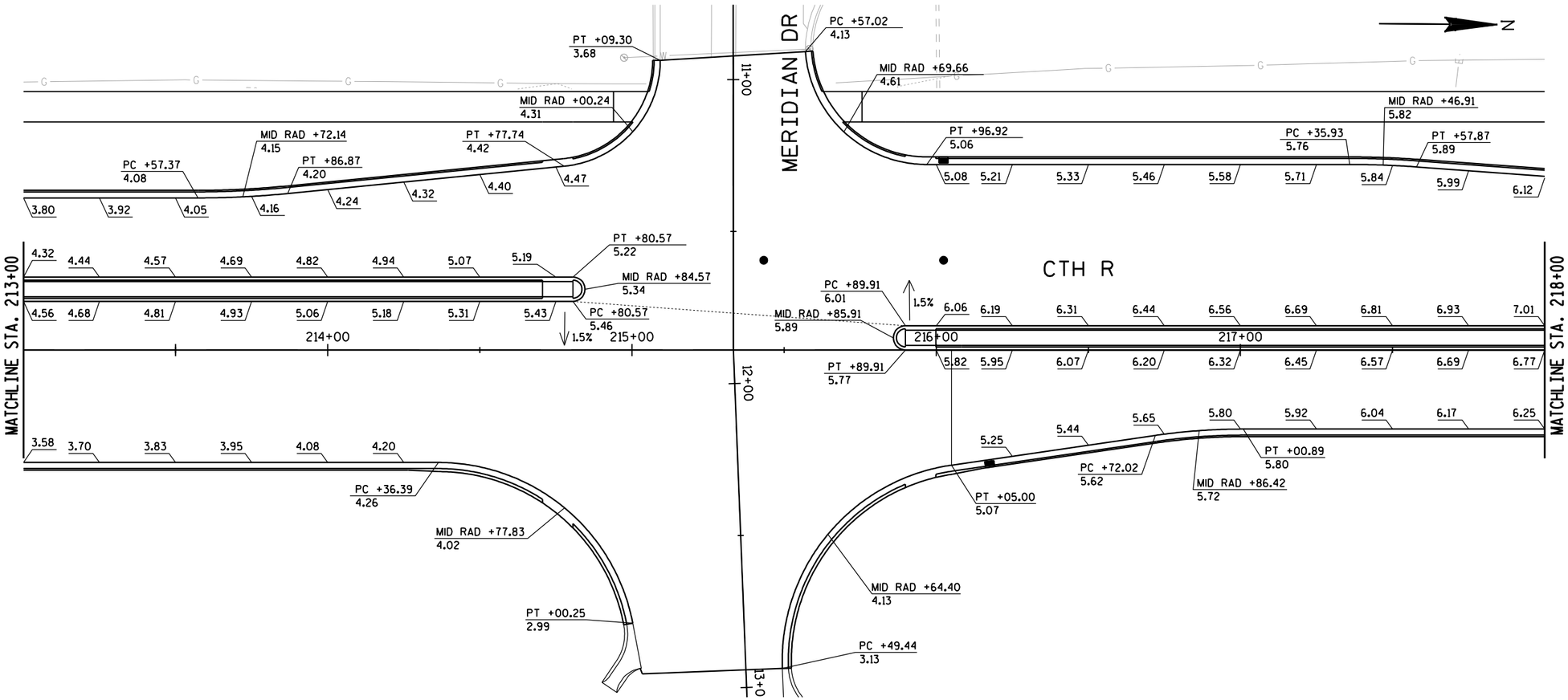
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PAVING GRADES - CTH R	SHEET 25	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\021214_pg.dgn
BATCH PRINT SHEET 4 OF 6
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:07:07 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PAVING GRADES - CTH R	SHEET 26	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\021215_pg.dgn
BATCH PRINT SHEET 5 OF 6
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:07:10 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PAVING GRADES - CTH R	SHEET 27	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\021216_pg.dgn
BATCH PRINT SHEET 6 OF 6
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:07:12 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

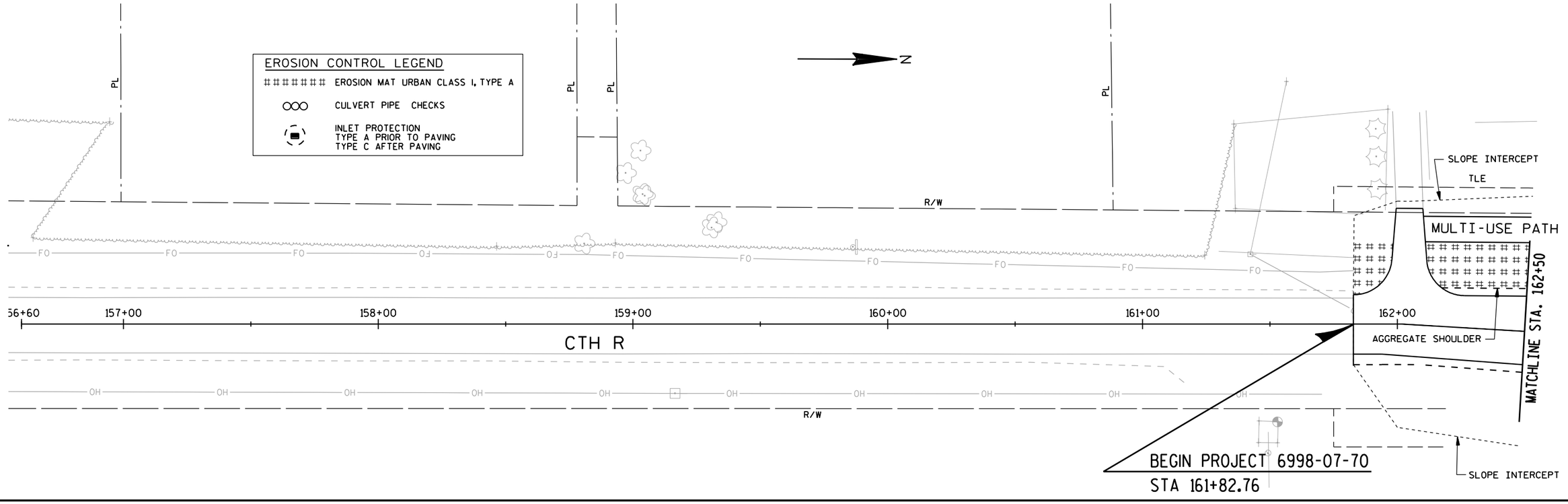
2

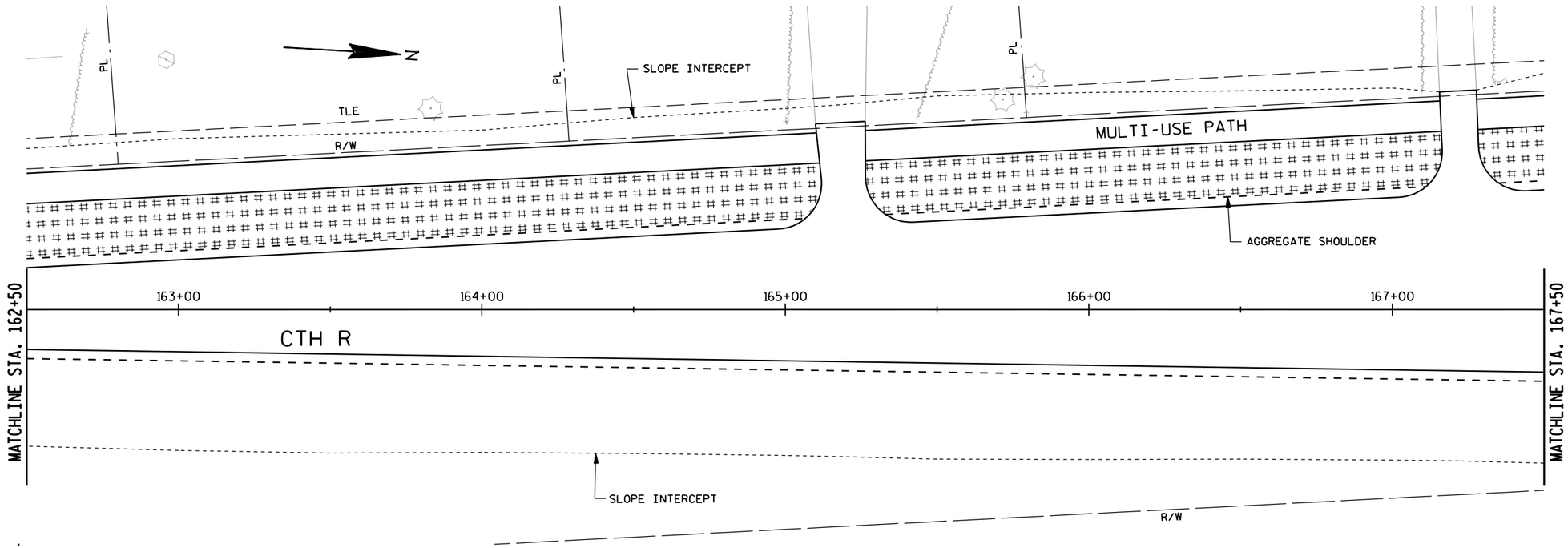
EROSION CONTROL LEGEND

EROSION MAT URBAN CLASS I, TYPE A

CULVERT PIPE CHECKS

INLET PROTECTION
TYPE A PRIOR TO PAVING
TYPE C AFTER PAVING

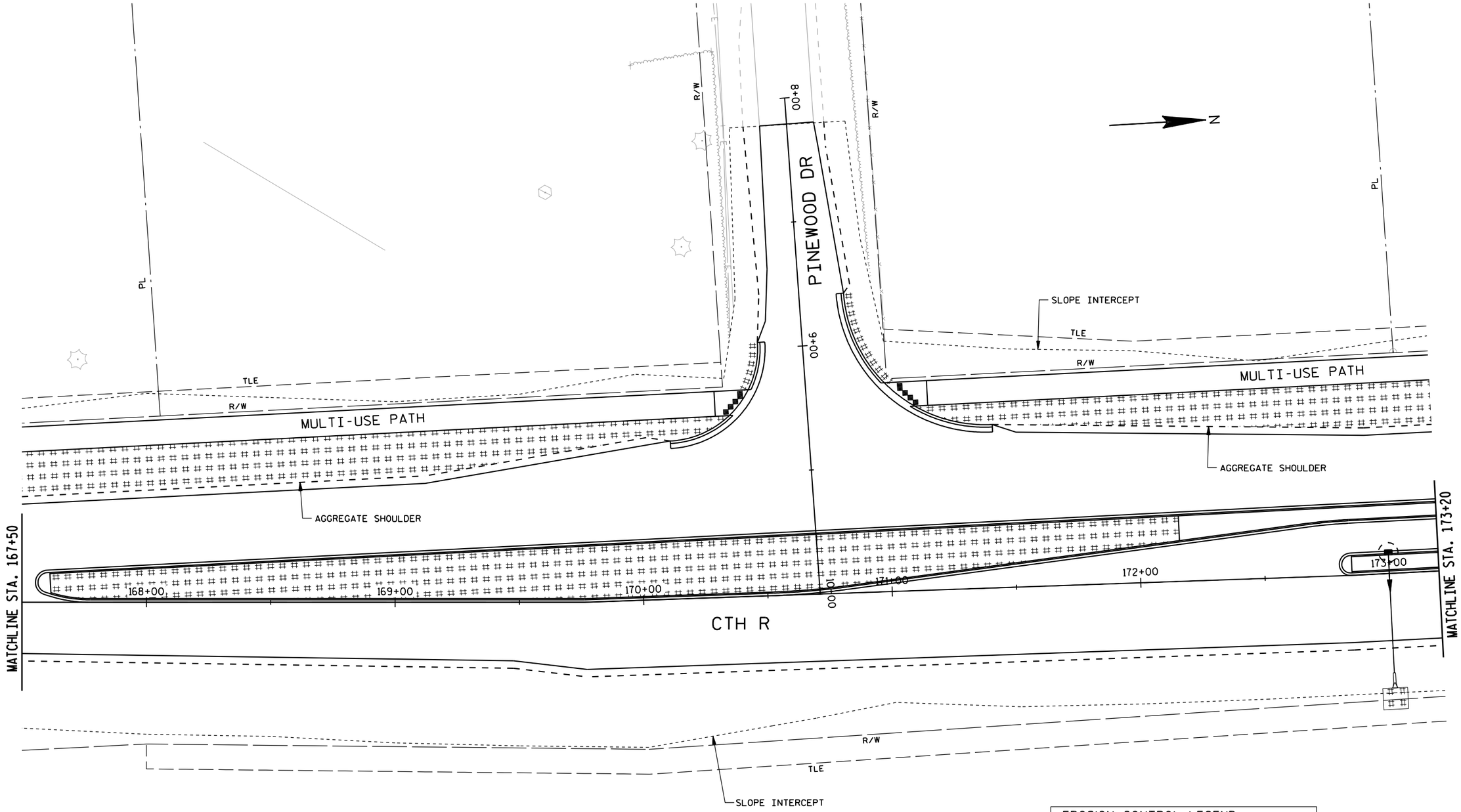




PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 28	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\022001_ec.dgn
BATCH PRINT SHEET 1 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:20 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2

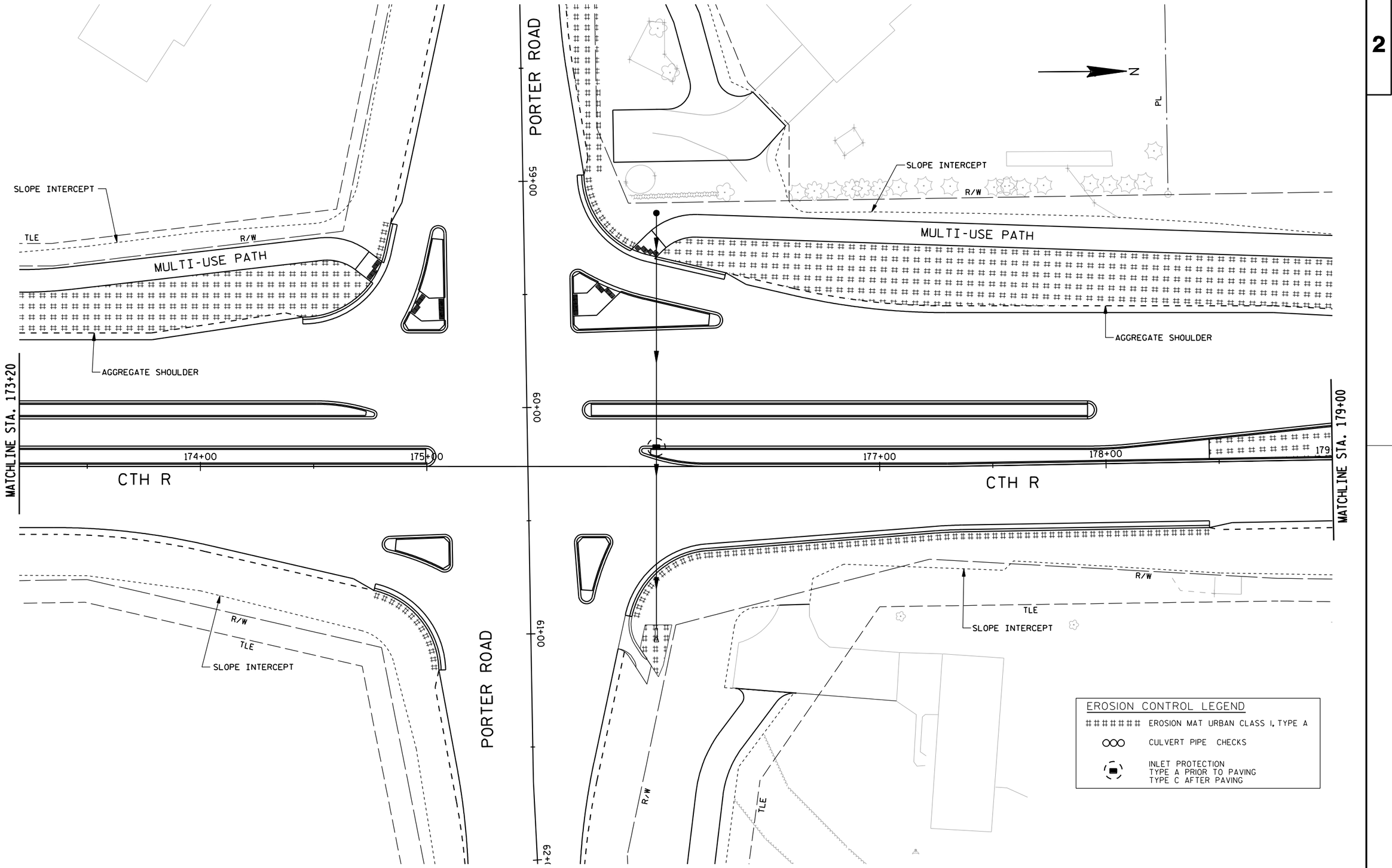


EROSION CONTROL LEGEND

- ####### EROSION MAT URBAN CLASS I, TYPE A
- OOO CULVERT PIPE CHECKS
- INLET PROTECTION
  TYPE A PRIOR TO PAVING
  TYPE C AFTER PAVING

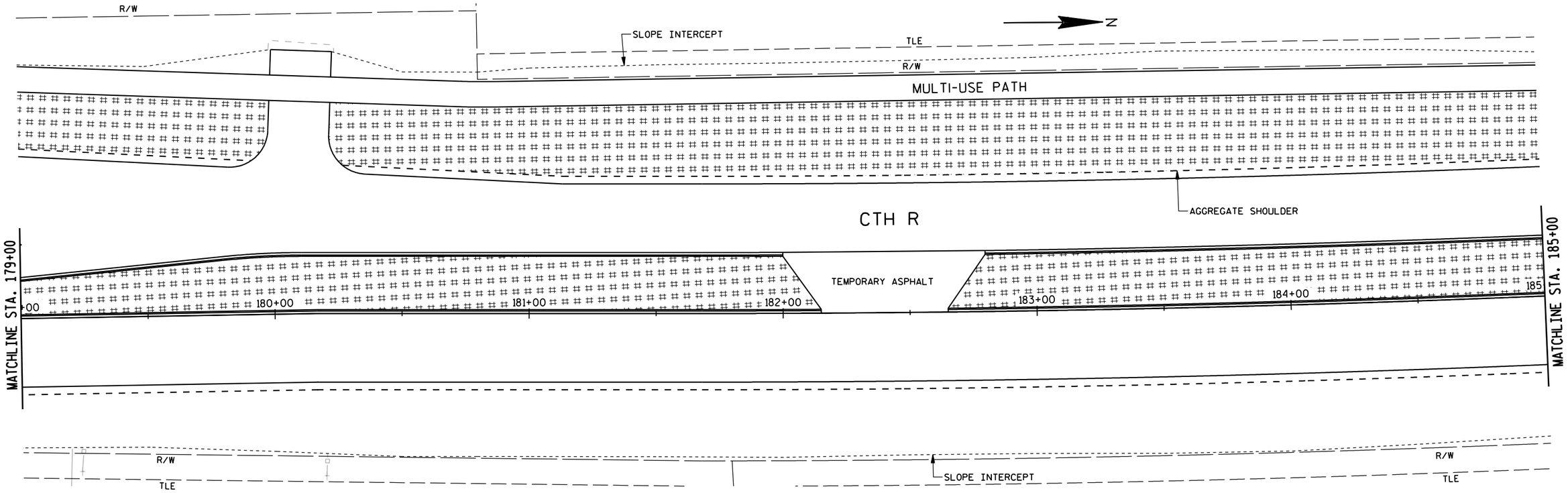
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 29	E

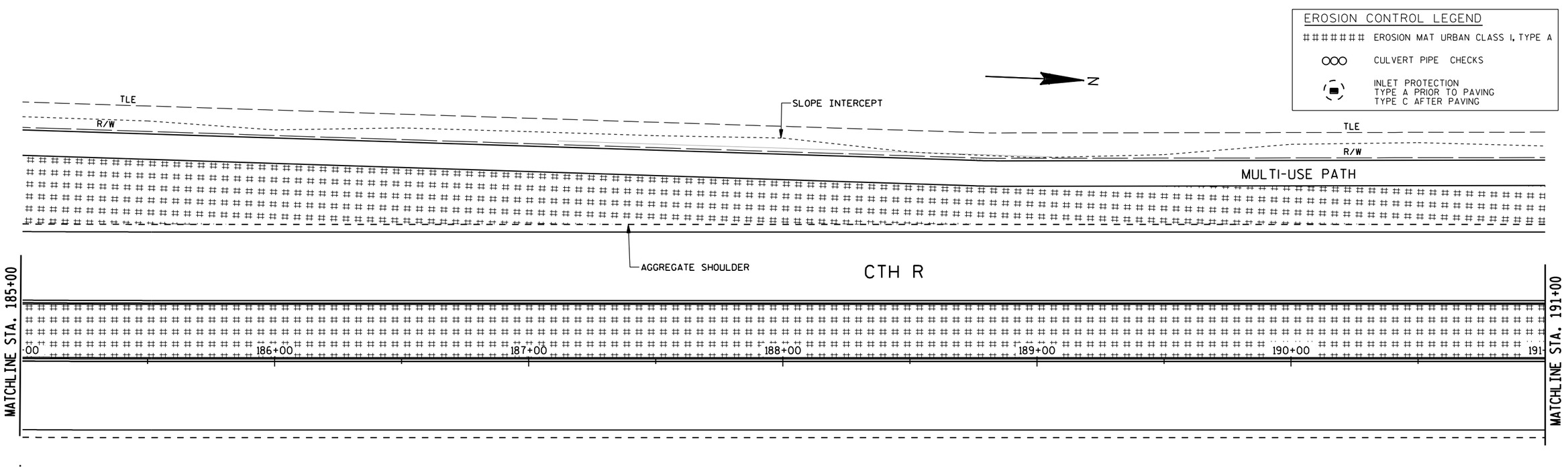
FILE NAME: I:\work\projects\94854\gra\porter-cthhh\022002_ec.dgn
BATCH PRINT SHEET 2 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:23 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 30	E

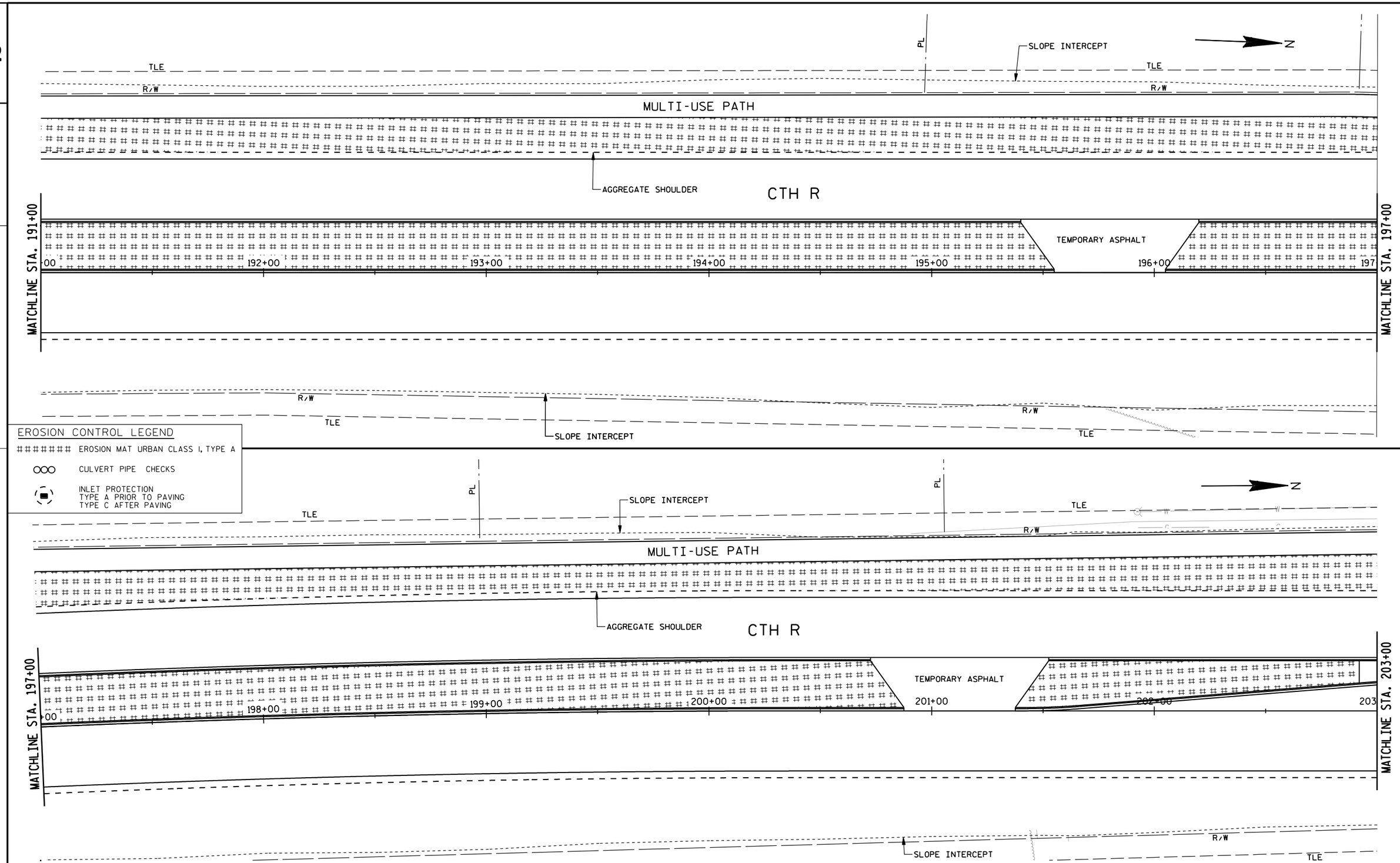
FILE NAME: I:\work\projects\94854\gra\porter-cthhh\022003_ec.dgn
BATCH PRINT SHEET 3 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:26 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42





PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 31	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\022004_ec.dgn
BATCH PRINT SHEET 4 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printng\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printng\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:30 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 32	E

FILE NAME: I:\work\projects\94854\gra\porter-cthhh\022005_ec.dgn
BATCH PRINT SHEET 5 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:36 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2

EROSION CONTROL LEGEND

EROSION MAT URBAN CLASS I, TYPE A

CULVERT PIPE CHECKS

INLET PROTECTION
TYPE A PRIOR TO PAVING
TYPE C AFTER PAVING

N

COMMONS CR

21+00

SLOPE INTERCEPT

TLE

R/W

MULTI-USE PATH

AGGREGATE SHOULDER

MATCHLINE STA. 203+00

MATCHLINE STA. 208+00

+00

204+00

205+00

206+00

22+00

207+00

208

CTH R

R/W

TLE

SLOPE INTERCEPT

23+00

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 33	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\022006_ec.dgn
BATCH PRINT SHEET 6 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:41 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2

2

N

SLOPE INTERCEPT

TLE

R/W

MULTI-USE PATH

MATCHLINE STA. 208+00

208+00

209+00

210+00

211+00

212+00

213+00

MATCHLINE STA. 213+50

CTH R

R/W

TLE

SLOPE INTERCEPT

EROSION CONTROL LEGEND

EROSION MAT URBAN CLASS I, TYPE A

CULVERT PIPE CHECKS

INLET PROTECTION
TYPE A PRIOR TO PAVING
TYPE C AFTER PAVING

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 34	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\022007_ec.dgn
BATCH PRINT SHEET 7 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:43 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2

MERIDIAN DR

10+00

11+00

12+00

13+00

N

SLOPE INTERCEPT

TLE

R/W

MULTI-USE PATH

SLOPE INTERCEPT

TLE

R/W

MULTI-USE PATH

MATCHLINE STA. 213+50

214+00

215+00

216+00

217+00

218+00

219+00

CTH R

MATCHLINE STA. 219+50

TLE

R/W

SLOPE INTERCEPT

TLE

R/W

SLOPE INTERCEPT

R/W

EROSION CONTROL LEGEND

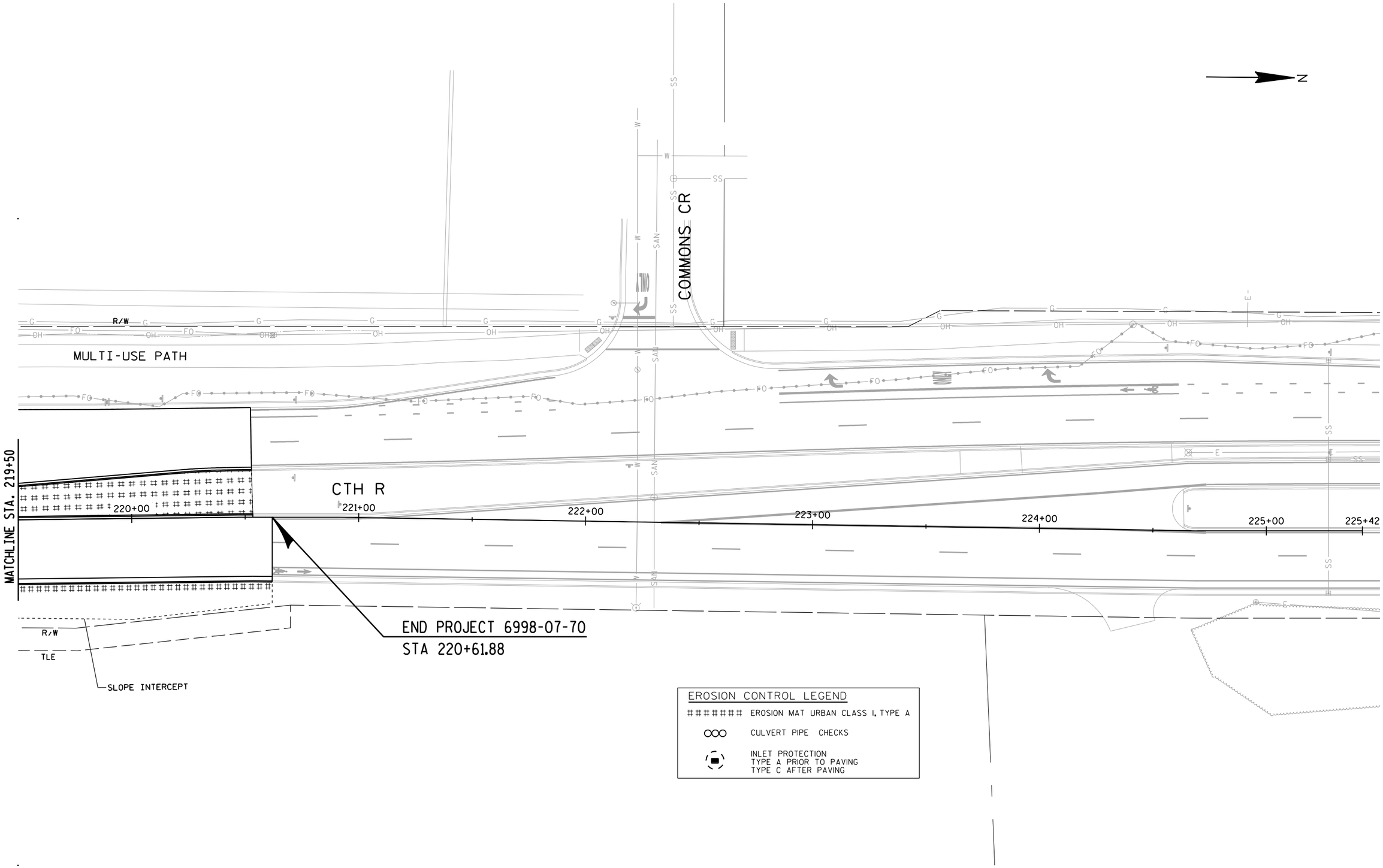
EROSION MAT URBAN CLASS I, TYPE A

CULVERT PIPE CHECKS

INLET PROTECTION
TYPE A PRIOR TO PAVING
TYPE C AFTER PAVING

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 35	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\022008_ec.dgn
BATCH PRINT SHEET 8 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:45 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - CTH R	SHEET 36	E

2

EROSION CONTROL LEGEND

EROSION MAT URBAN CLASS I, TYPE A

CULVERT PIPE CHECKS

INLET PROTECTION
TYPE A PRIOR TO PAVING
TYPE C AFTER PAVING

N

SEPTIC COVER

SLOPE INTERCEPT

TLE

R/W

MULTI-USE PATH

CTH R

177+00

SLOPE INTERCEPT

TLE

R/W

56+09

57+00

58+00

59+00

60+00

61+00

STA. 61+50

MATCHLINE STA.

PORTER ROAD

BEGIN CONSTRUCTION 6998-07-70
STA 56+59.23

TLE

R/W

TLE

SLOPE INTERCEPT

MULTI-USE PATH

CTH R

175+00

174+00

R/W

SLOPE INTERCEPT

R/W

TLE

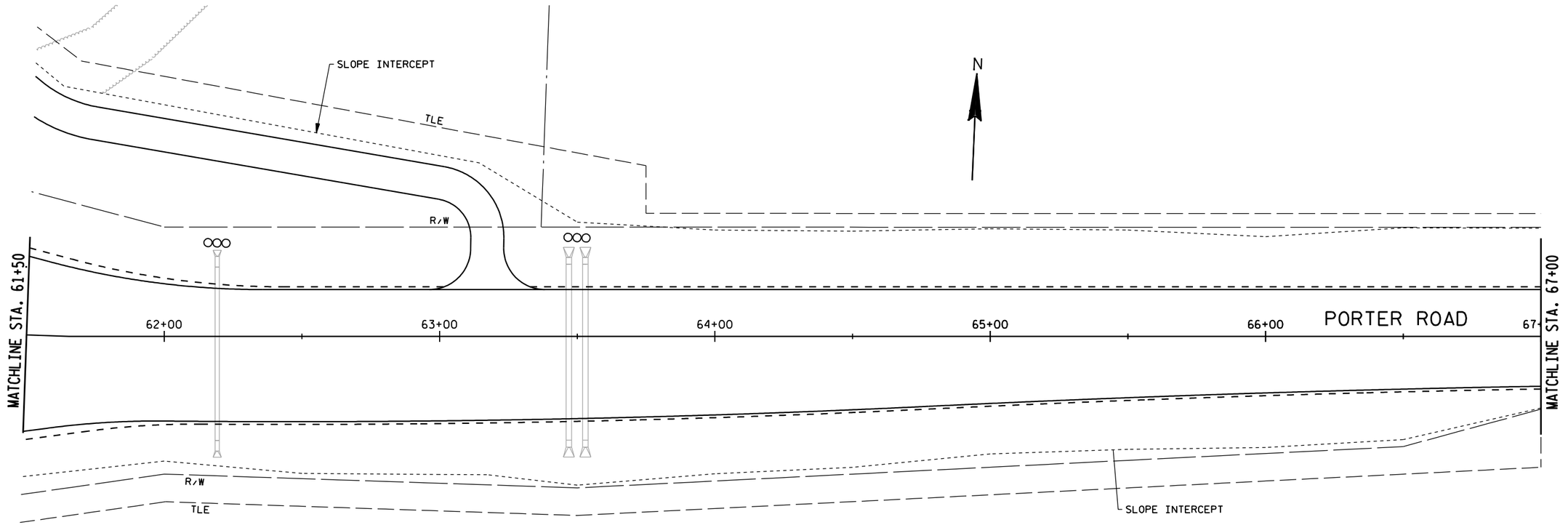
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - PORTER ROAD	SHEET 37	E

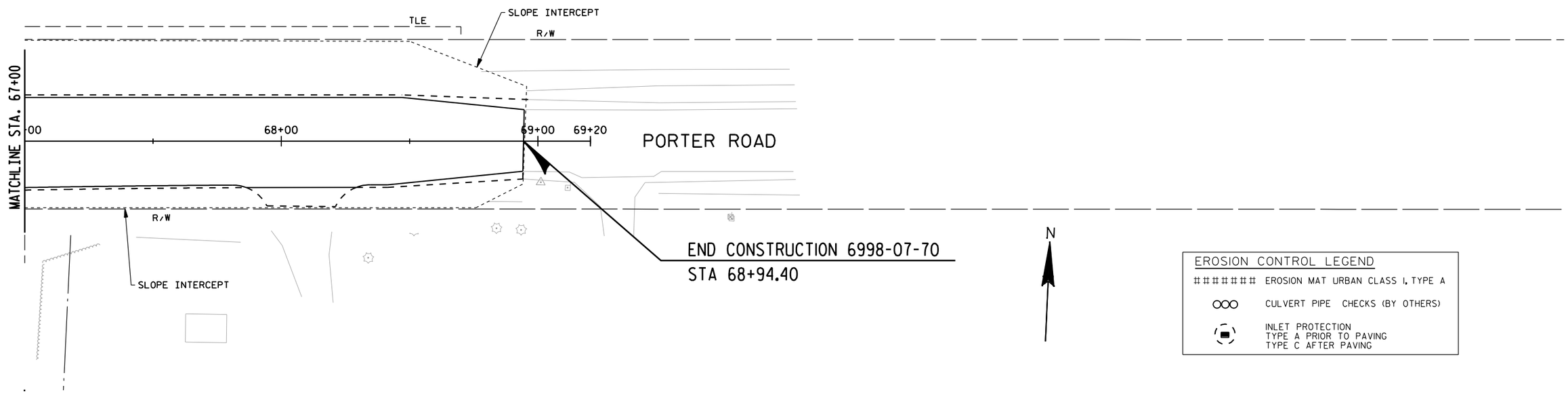
FILE NAME: l:\work\projects\94854\gra\porter-cthhh\022010.ec.dgn
BATCH PRINT SHEET 10 OF 11

PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl

PLOT DATE: 11/21/2013
PLOT TIME: 10:34:51 AM

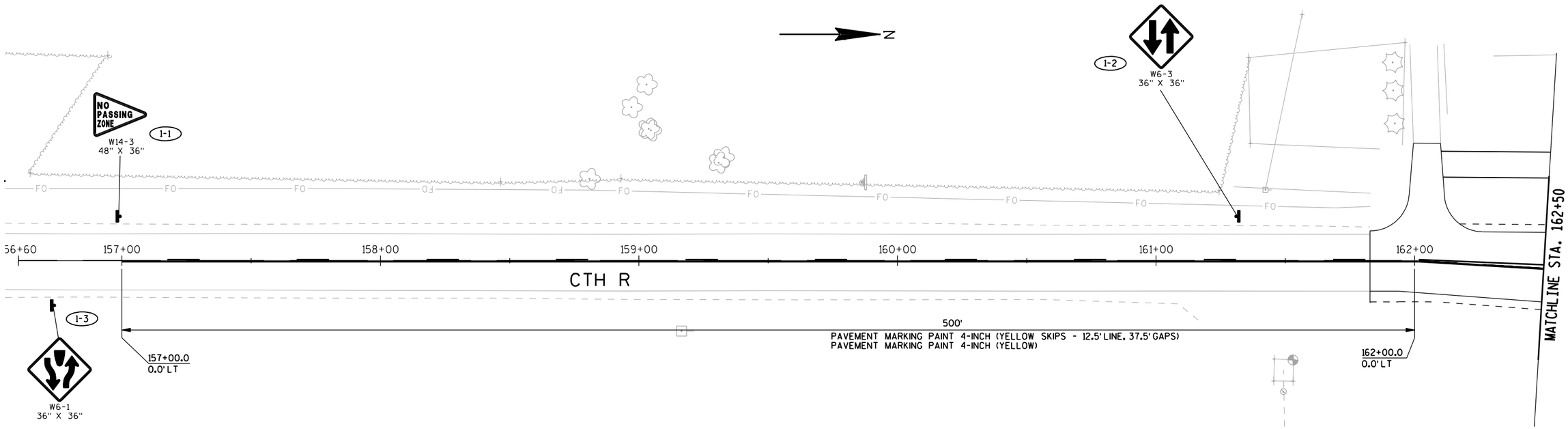
PLOT SCALE: 1:40

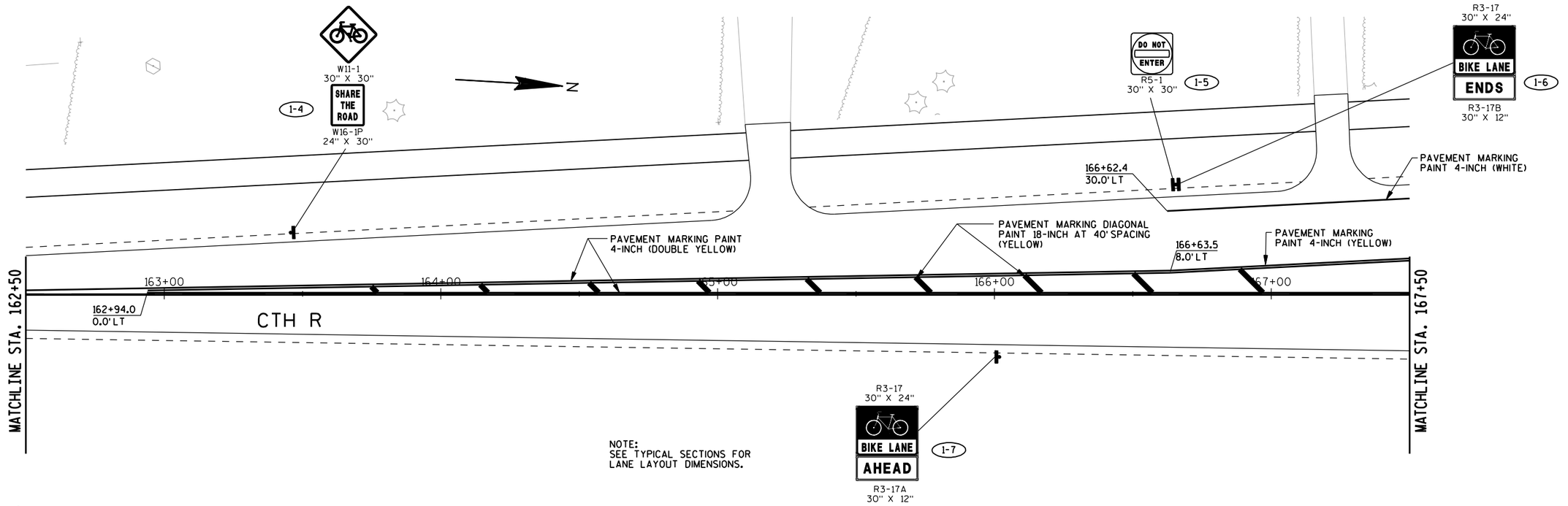




PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	EROSION CONTROL - PORTER ROAD	SHEET 38	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\022011_ec.dgn
BATCH PRINT SHEET 11 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 10:34:54 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

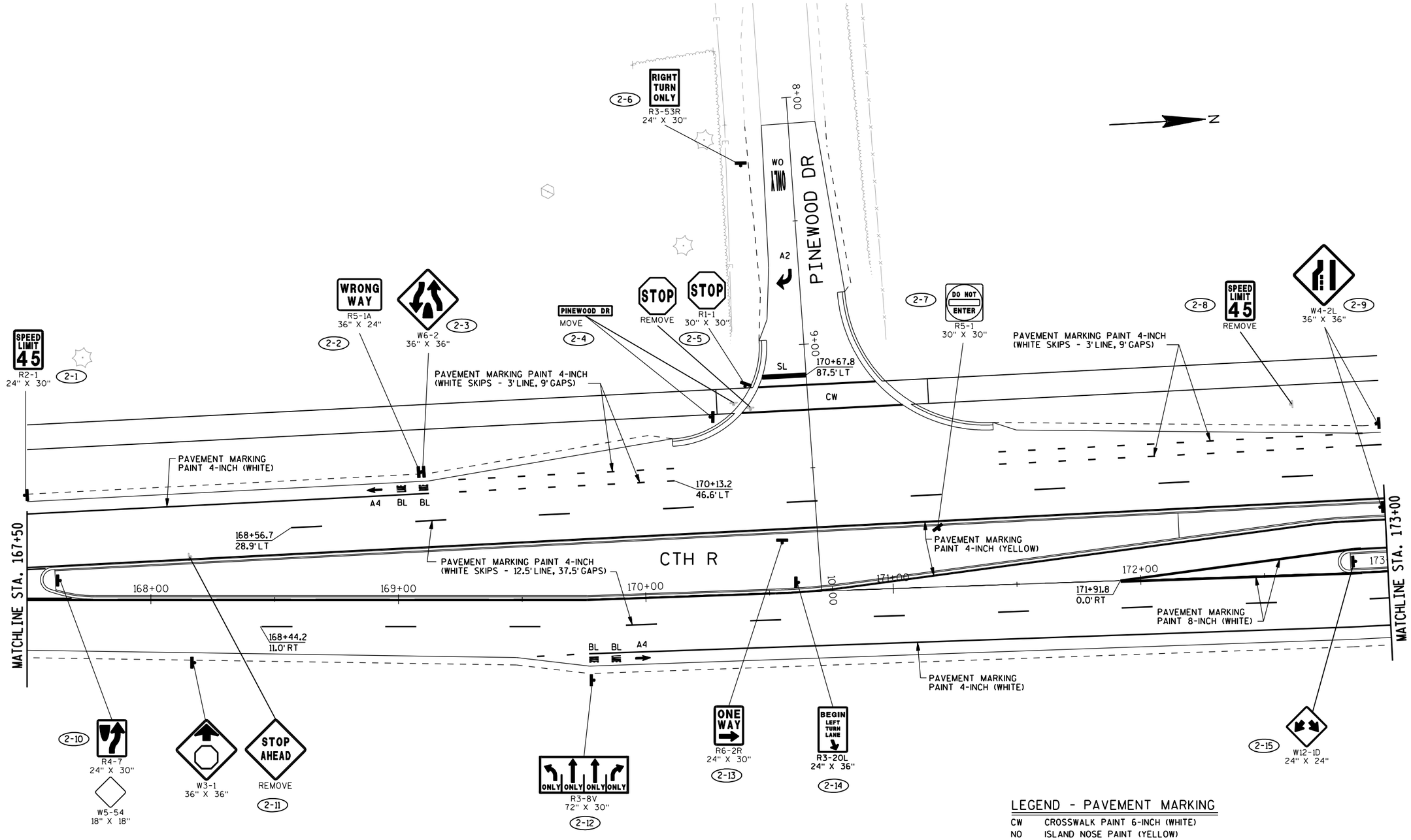




PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 39	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023201_ps_pm.dgn
BATCH PRINT SHEET 1 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:08:50 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2



LEGEND - PAVEMENT MARKING

CW	CROSSWALK PAINT 6-INCH (WHITE)
NO	ISLAND NOSE PAINT (YELLOW)
CU	CURB PAINT (YELLOW)
SL	STOP LINE PAINT 18-INCH (WHITE)
WO	WORDS PAINT (WHITE)
BL	WORDS BIKE LANE PAINT (WHITE)
A2	ARROWS PAINT TYPE 2 (WHITE)
A4	ARROWS BIKE LANE PAINT (WHITE)

NOTE:
SEE TYPICAL SECTIONS FOR LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 40	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023202_ps_pm.dgn
BATCH PRINT SHEET 2 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:08:52 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2

N

PORTER ROAD

59+00

60+00

61+00

62+00

MATCHLINE STA. 173+00

MATCHLINE STA. 179+00

CTH R

3-1 MOVE

3-2 STOP REMOVE 4-WAY REMOVE

3-3 STOP REMOVE 4-WAY REMOVE

3-4 R1-2 48" X 42"

3-5 STOP R1-1 36" X 36" ALL WAY R1-3P 18" X 6"

3-6 W12-1D 24" X 24"

3-7 RIGHT LANE MUST TURN RIGHT R3-7R 30" X 30"

3-8 R4-7 24" X 30"

3-9 PORTER DR MOVE

3-10 STOP R1-1 36" X 36" ALL WAY R1-3P 18" X 6"

3-11 W12-1D 24" X 24"

3-12 R1-2 48" X 42"

3-13 R4-7 24" X 30"

3-14 MOVE

3-15 SPEED LIMIT 45 REMOVE; SPEED LIMIT 35 R2-1 24" X 30"

RAD PT 174+83.7
79.2'LT, 60'RAD

RAD PT 174+51.3
51.0'RT, 80'RAD

RAD PT 175+91.1
50.2'RT, 60'RAD

RAD PT 176+23.3
80.0'LT, 80'RAD

175+83.1
59.7'LT

174+32.7
27.0'RT

178+82.7
26.7'LT

PAVEMENT MARKING PAINT 4-INCH (WHITE)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 3'LINE, 9'GAPS)

PAVEMENT MARKING PAINT 4-INCH (YELLOW)

PAVEMENT MARKING PAINT 8-INCH (WHITE)

PAVEMENT MARKING PAINT 8-INCH (WHITE SKIPS - 3'LINE, 9'GAPS)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 12.5'LINE, 37.5'GAPS)

PAVEMENT MARKING PAINT 4-INCH (YELLOW EXTENSION 2'LINE, 6'GAPS)

PAVEMENT MARKING PAINT 8-INCH (WHITE)

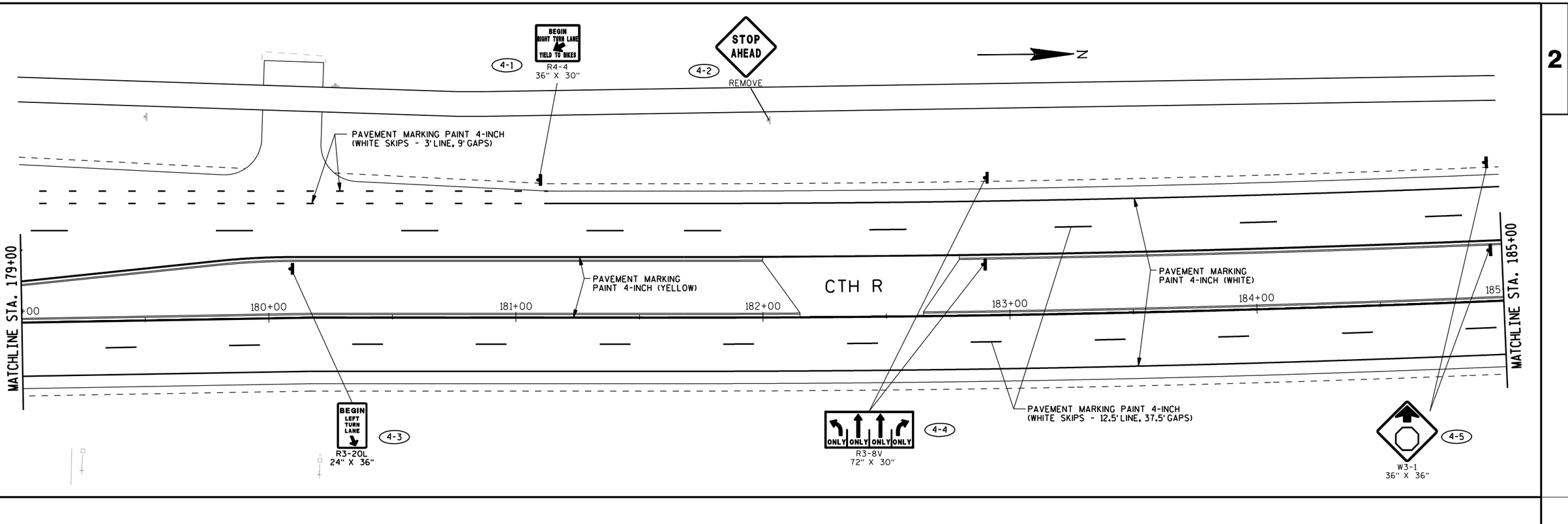
LEGEND - PAVEMENT MARKING

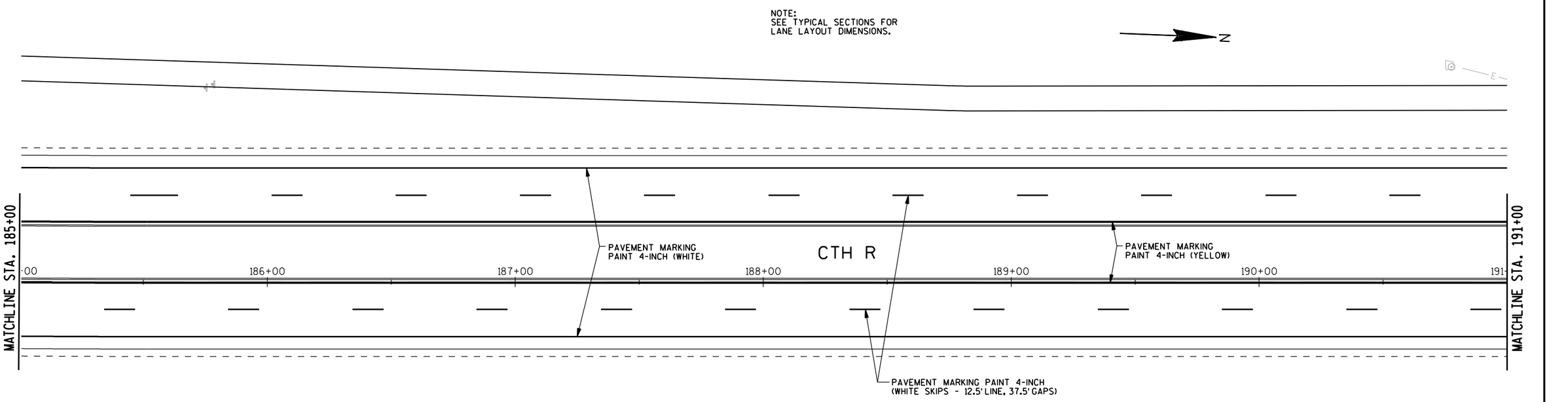
CW	CROSSWALK PAINT 6-INCH (WHITE)
NO	ISLAND NOSE PAINT (YELLOW)
CU	CURB PAINT (YELLOW)
SL	STOP LINE PAINT 18-INCH (WHITE)
WO	WORDS PAINT (WHITE)
BL	WORDS BIKE LANE PAINT (WHITE)
A2	ARROWS PAINT TYPE 2 (WHITE)
A4	ARROWS BIKE LANE PAINT (WHITE)

NOTE:
SEE TYPICAL SECTIONS FOR LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 41	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023203_ps_pm.dgn
BATCH PRINT SHEET 3 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:08:55 AM
PLOT SCALE: 1:40

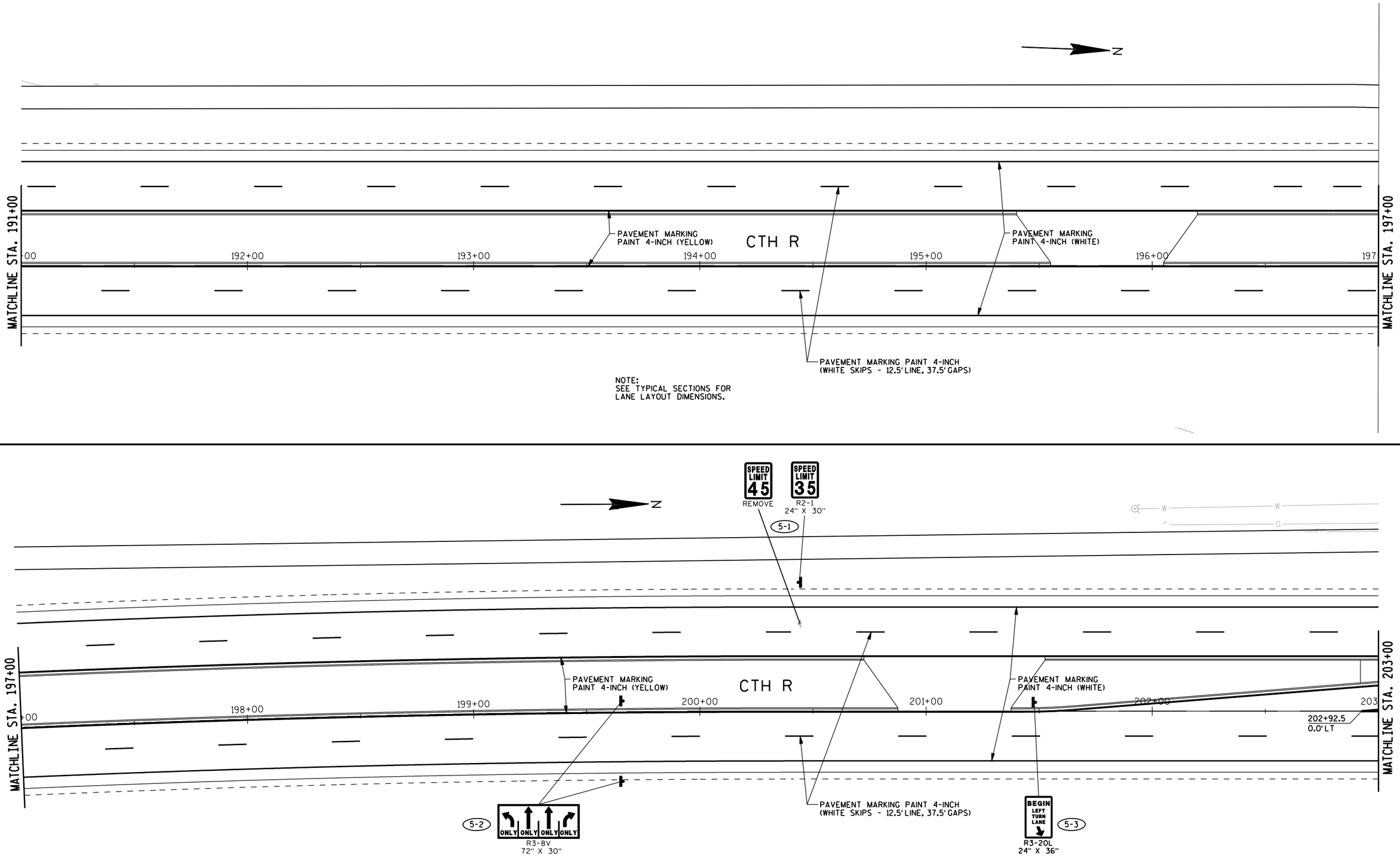




PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 42	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023204_ps_pm.dgn
BATCH PRINT SHEET 4 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:08:58 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2

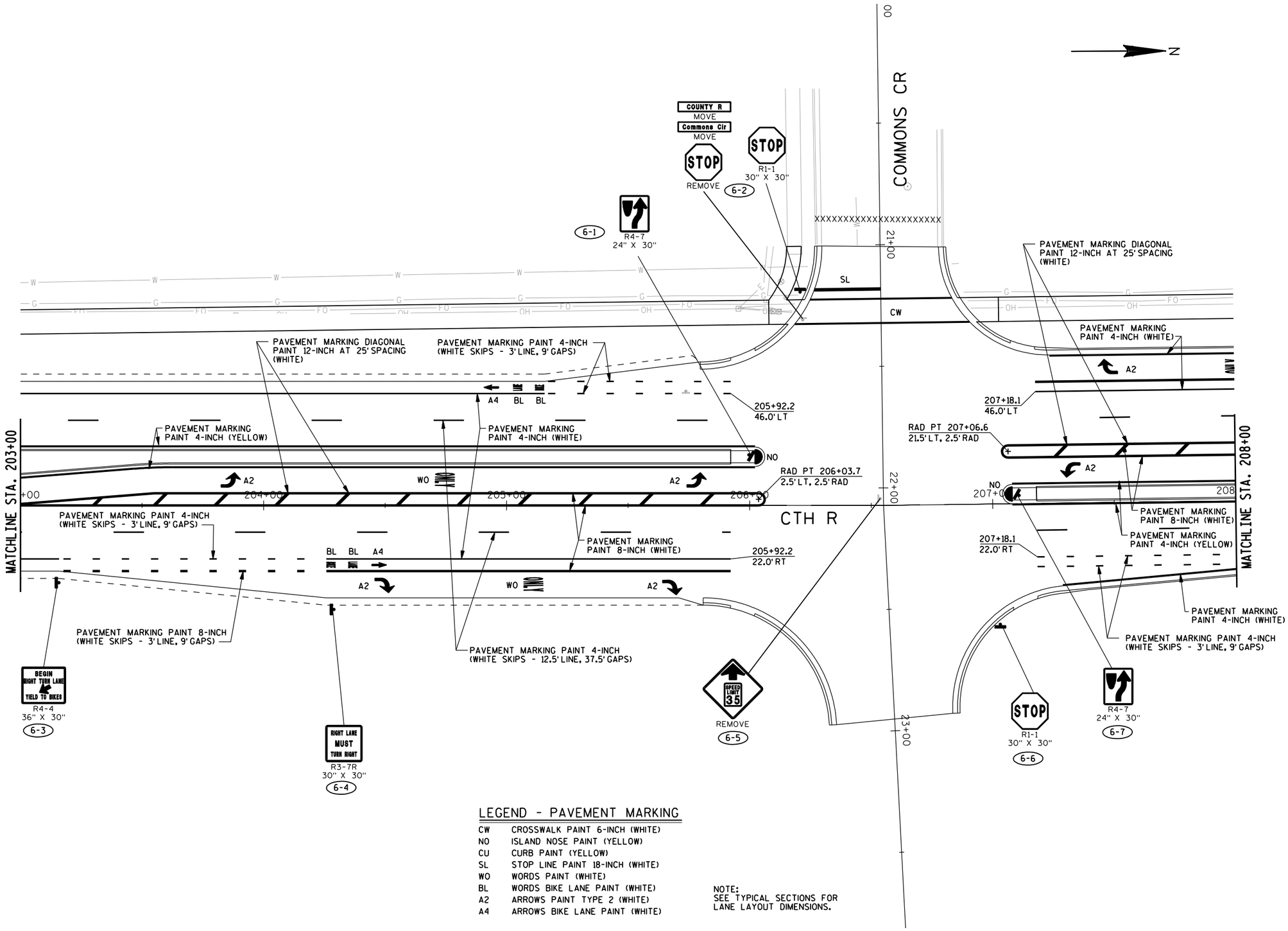


NOTE:
SEE TYPICAL SECTIONS FOR
LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 43	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023205_ps_pm.dgn
BATCH PRINT SHEET 5 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printng\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printng\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:09:00 AM
PLOT SCALE: 1:40

2



LEGEND - PAVEMENT MARKING

CW	CROSSWALK PAINT 6-INCH (WHITE)
NO	ISLAND NOSE PAINT (YELLOW)
CU	CURB PAINT (YELLOW)
SL	STOP LINE PAINT 18-INCH (WHITE)
WO	WORDS PAINT (WHITE)
BL	WORDS BIKE LANE PAINT (WHITE)
A2	ARROWS PAINT TYPE 2 (WHITE)
A4	ARROWS BIKE LANE PAINT (WHITE)

NOTE:
SEE TYPICAL SECTIONS FOR
LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 44	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023206_ps_pm.dgn
BATCH PRINT SHEET 6 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:09:03 AM
PLOT SCALE: 1:40

2

N

7-1
RIGHT LANE MUST TURN RIGHT
R3-7R
30" X 30"

7-2
BEGIN RIGHT TURN LANE YIELD TO BIKES
R4-4
36" X 30"

7-3
NO PASSING ZONE
REMOVE

7-4
BEGIN LEFT TURN LANE
R3-20L
24" X 36"

7-5
ONLY ONLY ONLY ONLY
R3-8V
72" X 30"

7-6
REMOVE

PAVEMENT MARKING PAINT 8-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

PAVEMENT MARKING DIAGONAL PAINT 12-INCH AT 25' SPACING (WHITE)

MATCHLINE STA. 208+00

MATCHLINE STA. 213+50

CTH R

208+00

209+00

210+00

211+00

212+00

213+00

209+67.9
24.0' LT

212+26.3
0.0' LT

PAVEMENT MARKING PAINT 8-INCH (WHITE)

PAVEMENT MARKING PAINT 4-INCH (WHITE)

PAVEMENT MARKING PAINT 4-INCH (YELLOW)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

PAVEMENT MARKING PAINT 8-INCH (WHITE)

PAVEMENT MARKING PAINT 4-INCH (WHITE)

PAVEMENT MARKING DIAGONAL PAINT 12-INCH AT 25' SPACING (WHITE)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 12.5' LINE, 37.5' GAPS)

PAVEMENT MARKING PAINT 8-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

WO A2 A4 BL BL

BL BL A4 A2 WO

7-7
SPEED LIMIT 35
R2-1
24" X 30"

7-8
ONLY ONLY ONLY ONLY
R3-8V
72" X 30"

7-9
BEGIN RIGHT TURN LANE YIELD TO BIKES
R4-4
36" X 30"

7-10
BEGIN LEFT TURN LANE
R3-20L
24" X 36"

7-11
REMOVE

7-12
RIGHT LANE MUST TURN RIGHT
R3-7R
30" X 30"

LEGEND - PAVEMENT MARKING

WO	WORDS PAINT (WHITE)
BL	WORDS BIKE LANE PAINT (WHITE)
A2	ARROWS PAINT TYPE 2 (WHITE)
A4	ARROWS BIKE LANE PAINT (WHITE)

NOTE:
SEE TYPICAL SECTIONS FOR LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 45	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023207_ps_pm.dgn
BATCH PRINT SHEET 7 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:09:05 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2

MERIDIAN DR

10+00

11+00

12+00

13+00

N

COUNTY R
MOVE

MERIDIAN DR
MOVE

STOP
REMOVE

STOP
R1-1
30" X 30"
8-2

SPEED LIMIT 35
R2-1
24" X 30"
8-1

SPEED LIMIT 45
REMOVE

SL

CW

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

PAVEMENT MARKING PAINT 4-INCH (WHITE)

214+70.6
46.0' LT

8-3

R4-7
24" X 30"

PAVEMENT MARKING PAINT 4-INCH (YELLOW)

NO

WO ONLY

A2

214+00

215+00

RAD PT 214+82.1
2.5' LT, 2.5' RAD

PAVEMENT MARKING PAINT 8-INCH (WHITE)

214+70.6
22.0' RT

PAVEMENT MARKING DIAGONAL PAINT 12-INCH AT 25' SPACING (WHITE)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 12.5' LINE, 37.5' GAPS)

PAVEMENT MARKING PAINT 4-INCH (WHITE)

SPEED LIMIT 35
REMOVE
8-8

MATCHLINE STA. 213+50

PAVEMENT MARKING PAINT 4-INCH (WHITE)

215+99.9
46.0' LT

A2

WO ONLY

A2

A4 BL BL

RAD PT 215+88.4
21.5' LT, 2.5' RAD

PAVEMENT MARKING PAINT 8-INCH (WHITE)

PAVEMENT MARKING PAINT 4-INCH (YELLOW)

NO

216+00

217+00

218+00

219+00

219+02.4
23.8' LT

CTH R

R4-7
24" X 30"
8-9

215+99.9
22.0' RT

BL BL A4

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

STOP
R1-1
30" X 30"
8-10

8-4
RIGHT LANE MUST TURN RIGHT
R3-7R
30" X 30"

8-5
COUNTY R
REMOVE

8-6
DO NOT ENTER
REMOVE

8-7
BEGIN RIGHT TURN LANE YIELD TO BIKES
R4-4
36" X 30"

BIKE LANE ENDS
REMOVE

PAVEMENT MARKING PAINT 8-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 3' LINE, 9' GAPS)

PAVEMENT MARKING DIAGONAL PAINT 12-INCH AT 25' SPACING (WHITE)

PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 12.5' LINE, 37.5' GAPS)

PAVEMENT MARKING PAINT 4-INCH (WHITE)

JCT
REMOVE

JCT
M2-1
21" X 15"

COUNTY HH
REMOVE
8-11

COUNTY HH
M1-5A
24" X 24"

LANE AHEAD
REMOVE
8-12

MATCHLINE STA. 219+50

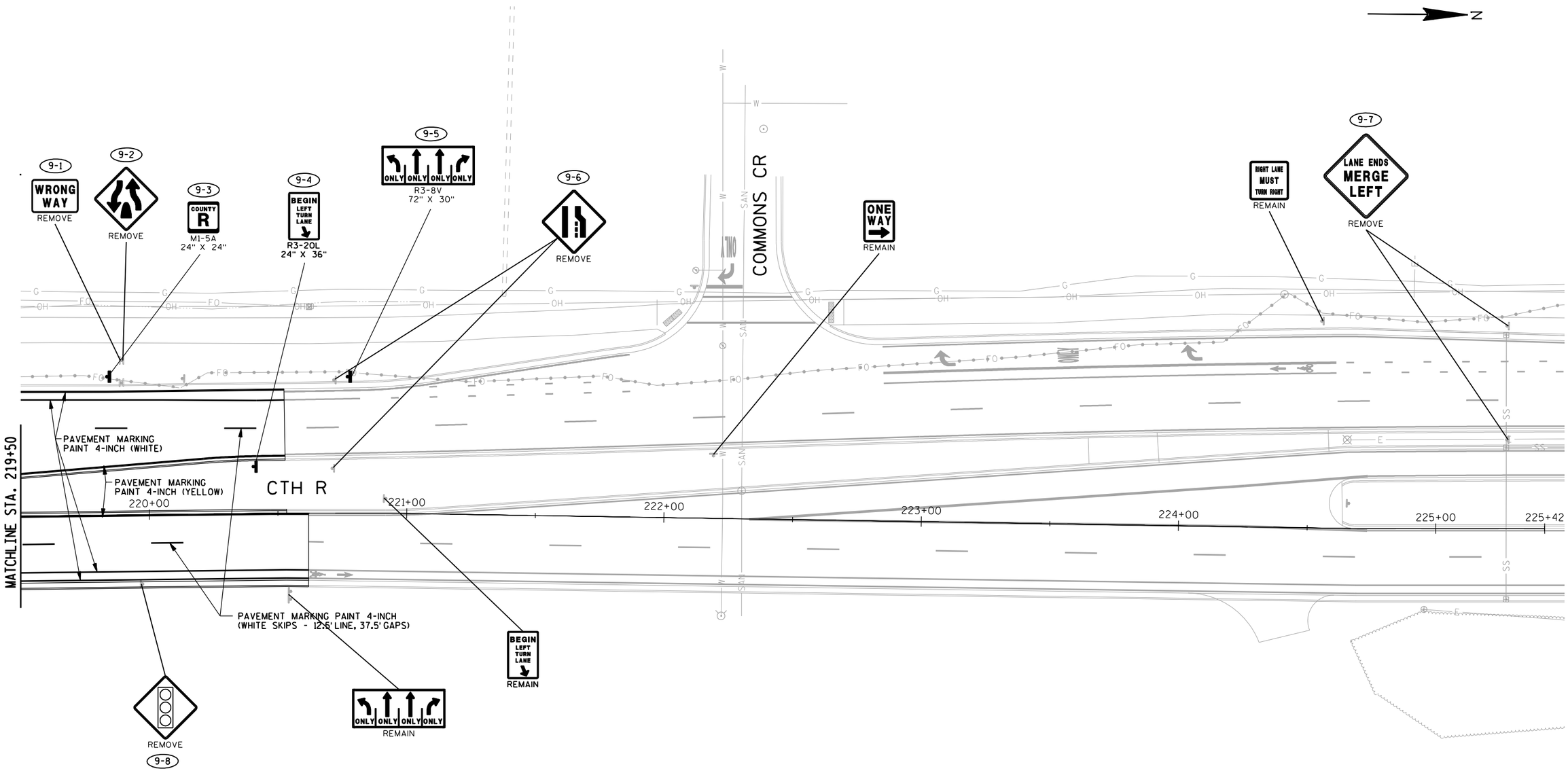
LEGEND - PAVEMENT MARKING

CW	CROSSWALK PAINT 6-INCH (WHITE)
NO	ISLAND NOSE PAINT (YELLOW)
CU	CURB PAINT (YELLOW)
SL	STOP LINE PAINT 18-INCH (WHITE)
WO	WORDS PAINT (WHITE)
BL	WORDS BIKE LANE PAINT (WHITE)
A2	ARROWS PAINT TYPE 2 (WHITE)
A4	ARROWS BIKE LANE PAINT (WHITE)

NOTE:
SEE TYPICAL SECTIONS FOR LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 46	E

FILE NAME: I:\work\projects\94854\gra\porter-cthhh\023208_ps_pm.dgn
BATCH PRINT SHEET 8 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:09:08 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42



LEGEND - PAVEMENT MARKING

BL WORDS BIKE LANE PAINT (WHITE)
A4 ARROWS BIKE LANE PAINT (WHITE)

NOTE:
SEE TYPICAL SECTIONS FOR LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - CTH R	SHEET 47	E

2

SEE CTH R DETAIL
FOR SIGNS ON CTH R

N

PORTER ROAD

CTH R

10-1
W11-1
30" X 30"
SHARE THE ROAD
W16-1P
24" X 30"

10-2
R3-17
30" X 24"
BIKE LANE ENDS
R3-17B
30" X 12"

10-3
SPEED LIMIT 25
R2-1
24" X 30"
SPEED LIMIT 25
REMOVE

10-4
NO THRU TRUCK TRAFFIC IN EXCESS OF 7.5 TONS
MOVE

10-5
STOP
REMOVE
4-WAY
REMOVE

10-6
YIELD
R1-2
48" X 42"

10-7
STOP
R1-1
36" X 36"
ALL WAY
R1-4
18" X 6"

10-8
W12-1D
24" X 24"

56+09
57+00
58+00
59+00
60+00
61+00
177+00
175+00
174+00

PAVEMENT MARKING PAINT 4-INCH (DOUBLE YELLOW)
PAVEMENT MARKING PAINT 4-INCH (WHITE SKIPS - 3'LINE, 9'GAPS)
PAVEMENT MARKING PAINT 4-INCH (WHITE)
PAVEMENT MARKING PAINT 8-INCH (WHITE)
58+37.1 11.0' RT
58+82.8 14.0' RT
58+70.3 30.2' RT
60+67.0 14.0' RT
61+37.1 17.0' LT
MATCHLINE STA. 61+50

10-9
R3-17A
30" X 12"
BIKE LANE AHEAD
REMAIN

10-10
R3-8W
54" X 30"
ONLY ONLY ONLY

10-11
R4-4
36" X 30"
BEGIN RIGHT TURN LANE YIELD TO BIKES

10-12
W12-1D
24" X 24"

10-13
STOP
REMOVE
4-WAY
REMOVE
STOP
R1-1
36" X 36"
ALL WAY
R1-4
18" X 6"

10-14
YIELD
R1-2
48" X 42"

LEGEND - PAVEMENT MARKING

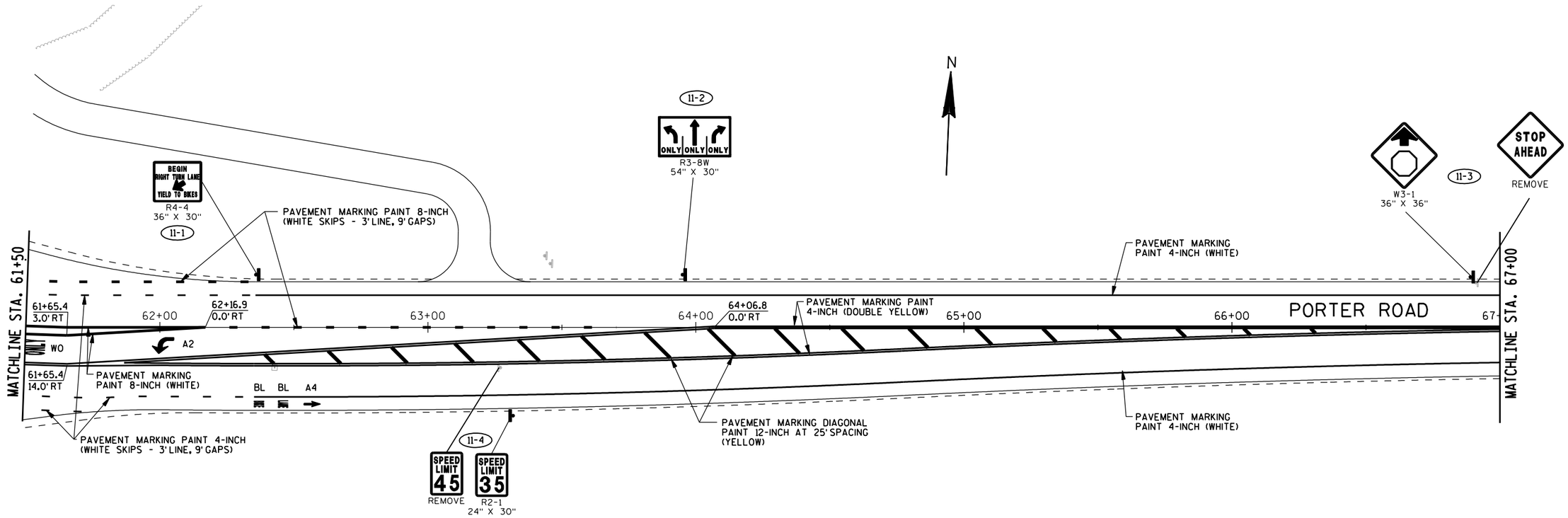
CW	CROSSWALK PAINT 6-INCH (WHITE)
NO	ISLAND NOSE PAINT (YELLOW)
CU	CURB PAINT (YELLOW)
SL	STOP LINE PAINT 18-INCH (WHITE)
WO	WORDS PAINT (WHITE)
BL	WORDS BIKE LANE PAINT (WHITE)
A2	ARROWS PAINT TYPE 2 (WHITE)
A4	ARROWS BIKE LANE PAINT (WHITE)

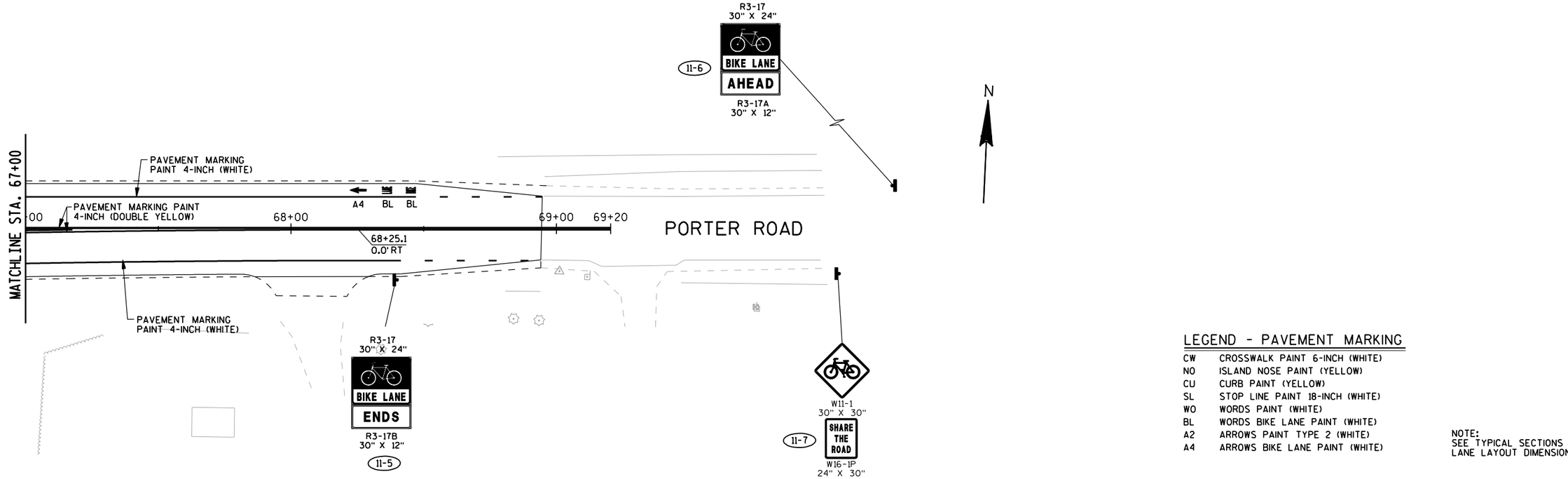
NOTE:
SEE TYPICAL SECTIONS FOR LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - PORTER ROAD	SHEET 48	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023210_ps_pm.dgn
BATCH PRINT SHEET 10 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:09:13 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2





LEGEND - PAVEMENT MARKING

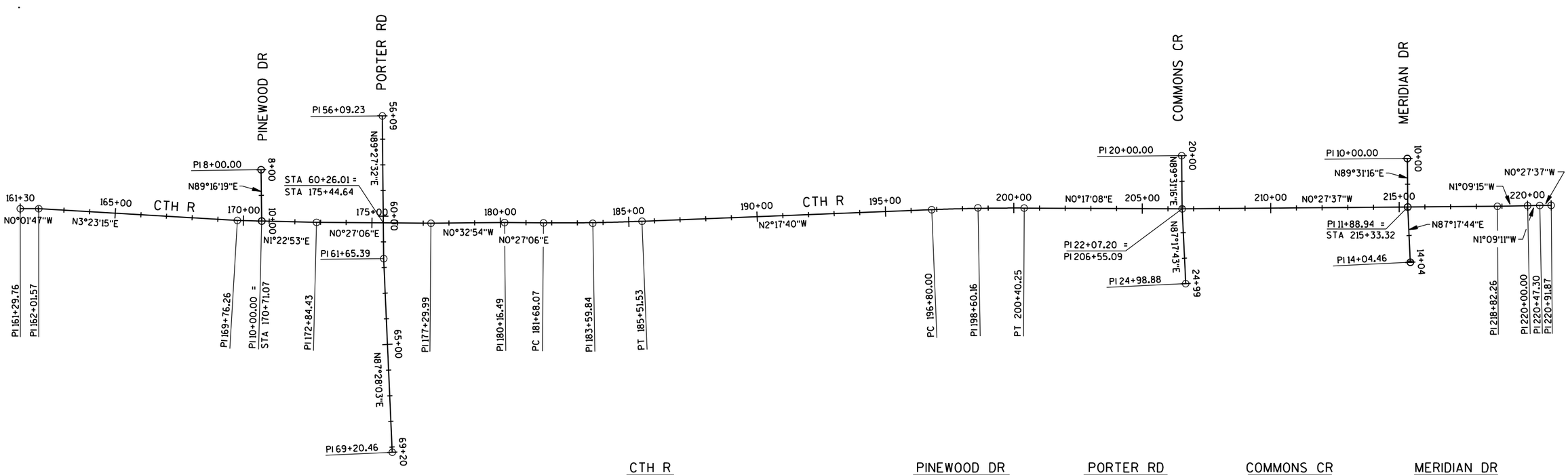
CW	CROSSWALK PAINT 6-INCH (WHITE)
NO	ISLAND NOSE PAINT (YELLOW)
CU	CURB PAINT (YELLOW)
SL	STOP LINE PAINT 18-INCH (WHITE)
WO	WORDS PAINT (WHITE)
BL	WORDS BIKE LANE PAINT (WHITE)
A2	ARROWS PAINT TYPE 2 (WHITE)
A4	ARROWS BIKE LANE PAINT (WHITE)

NOTE:
SEE TYPICAL SECTIONS FOR LANE LAYOUT DIMENSIONS.

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PERMANENT SIGNING AND PAVEMENT MARKINGS - PORTER ROAD	SHEET 49	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\023211_ps_pm.dgn
BATCH PRINT SHEET 11 OF 11
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:09:16 AM
PLOT SCALE: 1:40
WISDOT/CADDS SHEET 42

2



CTH R

PI 161+29.76
Y=186822.16
X=182852.84

PI 162+01.57
Y=186893.98
X=182852.80

PI 169+76.26
Y=187667.31
X=182898.58

PI 172+84.43
Y=187975.39
X=182906.01

PI 177+29.99
Y=188420.94
X=182909.52

PI 180+16.49
Y=188707.42
X=182906.78

PC 181+68.07
Y=188859.00
X=182907.97

PI 183+59.84
Y=189050.76
X=182909.49
T=191.76'
L=383.45'
D=0°42'58"
DELTA=2°44'47"
R=8000.00'

PT 185+51.53
Y=189242.37
X=182901.81

PC 196+80.00
Y=190369.94
X=182856.63

PI 198+60.16
Y=190549.95
X=182849.42
T=180.16'
L=360.25'
D=0°42'58"
DELTA=2°34'48"
R=8000.00'

PT 200+40.25
Y=190730.11
X=182850.31

PI 206+55.09
Y=191344.94
X=182853.38

PI 218+82.26
Y=192572.07
X=182843.52

PI 220+00.00
Y=192689.78
X=182841.15

PI 220+47.30
Y=192737.07
X=182840.20

PI 220+91.87
Y=192781.64
X=182839.84

PINEWOOD DR

PI 8+00.00
Y=187759.55
X=182700.88

PI 10+00.00
Y=187762.09
X=182900.86

PORTER RD

PI 56+09.23
Y=188231.65
X=182491.30

PI 61+65.39
Y=188236.91
X=183047.43

PI 69+20.46
Y=188270.27
X=183801.77

COMMONS CR

PI 20+00.00
Y=191343.21
X=182646.19

PI 22+07.20
Y=191344.94
X=182853.38

PI 24+98.88
Y=191358.70
X=183144.74

MERIDIAN DR

PI 10+00.00
Y=192221.56
X=182657.39

PI 11+88.94 =
Y=192223.14
X=182846.33

PI 14+04.46
Y=192233.31
X=183061.60

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	ALIGNMENT DIAGRAM	SHEET 50	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\027201_ad.dgn
BATCH PRINT SHEET 1 OF 1
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 1/31/2013
PLOT TIME: 11:12:16 AM
PLOT SCALE: 1:400
WISDOT/CADDS SHEET 42

DATE 25NOV13 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6998-12-70 QUANTITY
0010	204.0110	REMOVING ASPHALTIC SURFACE	SY	525.000	525.000
0020	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	3,110.000	3,110.000
0030	305.0120	BASE AGGREGATE DENSE 1 1/4-INCH	TON	21,950.000	21,950.000
0040	440.4410.S	INCENTIVE IRI RIDE	DOL	2,630.000	2,630.000
0050	455.0105	ASPHALTIC MATERIAL PG58-28	TON	900.000	900.000
0060	455.0605	TACK COAT	GAL	1,260.000	1,260.000
0070	460.1103	HMA PAVEMENT TYPE E-3	TON	16,110.000	16,110.000
0080	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	10,310.000	10,310.000
0090	465.0105	ASPHALTIC SURFACE	TON	700.000	700.000
0100	465.0125	ASPHALTIC SURFACE TEMPORARY	TON	60.000	60.000
0110	465.0315	ASPHALTIC FLUMES	SY	60.000	60.000
0120	601.0407	CONCRETE CURB & GUTTER 18-INCH TYPE D	LF	11,380.000	11,380.000
0130	601.0411	CONCRETE CURB & GUTTER 30-INCH TYPE D	LF	2,390.000	2,390.000
0140	601.0557	CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D	LF	1,140.000	1,140.000
0150	602.0405	CONCRETE SIDEWALK 4-INCH	SF	15,050.000	15,050.000
0160	602.0505	CURB RAMP DETECTABLE WARNING FIELD YELLOW	SF	324.000	324.000
0170	611.8110	ADJUSTING MANHOLE COVERS	EACH	8.000	8.000
0180	611.8115	ADJUSTING INLET COVERS	EACH	8.000	8.000
0190	619.1000	MOBILIZATION	EACH	1.000	1.000
0200	620.0300	CONCRETE MEDIAN SLOPED NOSE	SF	560.000	560.000
0210	624.0100	WATER	MGAL	1,850.000	1,850.000
0220	627.0200	MULCHING	SY	15,340.000	15,340.000
0230	628.1504	SILT FENCE	LF	1,500.000	1,500.000
0240	628.1520	SILT FENCE MAINTENANCE	LF	1,500.000	1,500.000
0250	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	2.000	2.000
0260	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	3.000	3.000
0270	628.2006	EROSION MAT URBAN CLASS I TYPE A	SY	19,430.000	19,430.000
0280	628.7005	INLET PROTECTION TYPE A	EACH	8.000	8.000
0290	628.7015	INLET PROTECTION TYPE C	EACH	8.000	8.000
0300	629.0210	FERTILIZER TYPE B	CWT	24.000	24.000
0310	630.0130	SEEDING MIXTURE NO. 30	LB	700.000	700.000
0320	634.0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	48.000	48.000
0330	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	53.000	53.000
0340	637.2210	SIGNS TYPE II REFLECTIVE H	SF	644.030	644.030
0350	637.2230	SIGNS TYPE II REFLECTIVE F	SF	72.000	72.000
0360	638.2102	MOVING SIGNS TYPE II	EACH	9.000	9.000
0370	638.2602	REMOVING SIGNS TYPE II	EACH	31.000	31.000
0380	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	30.000	30.000
0390	638.4000	MOVING SMALL SIGN SUPPORTS	EACH	9.000	9.000
0400	646.0103	PAVEMENT MARKING PAINT 4-INCH	LF	32,900.000	32,900.000
0410	646.0123	PAVEMENT MARKING PAINT 8-INCH	LF	4,960.000	4,960.000
0420	647.0163	PAVEMENT MARKING ARROWS PAINT TYPE 2	EACH	28.000	28.000
0430	647.0203	PAVEMENT MARKING ARROWS BIKE LANE PAINT	EACH	18.000	18.000
0440	647.0353	PAVEMENT MARKING WORDS PAINT	EACH	17.000	17.000
0450	647.0403	PAVEMENT MARKING WORDS BIKE LANE PAINT	EACH	36.000	36.000
0460	647.0453	PAVEMENT MARKING CURB PAINT	LF	70.000	70.000
0470	647.0563	PAVEMENT MARKING STOP LINE PAINT 18-INCH	LF	229.000	229.000
0480	647.0603	PAVEMENT MARKING ISLAND NOSE PAINT	EACH	6.000	6.000
0490	647.0723	PAVEMENT MARKING DIAGONAL PAINT 12-INCH	LF	465.000	465.000
0500	647.0733	PAVEMENT MARKING DIAGONAL PAINT 18-INCH	LF	55.000	55.000
0510	647.0763	PAVEMENT MARKING CROSSWALK PAINT 6-INCH	LF	545.000	545.000
0520	650.5000	CONSTRUCTION STAKING BASE	LF	6,990.000	6,990.000

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DATE 25NOV13 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	6998-12-70 QUANTITY
0530	650.5500	CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER	LF	14,520.000	14,520.000
0540	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 6998-12-70	LS	1.000	1.000
0550	690.0150	SAWING ASPHALT	LF	390.000	390.000
0560	ASP.1T0A	ON-THE-JOB TRAINING APPRENTICE AT $5.00/HR	HRS	1,200.000	1,200.000
0570	ASP.1T0G	ON-THE-JOB TRAINING GRADUATE AT $5.00/HR	HRS	600.000	600.000
0580	SPV.0035	SPECIAL 01. TOPSOIL PLACEMENT	CY	2,960.000	2,960.000
0590	SPV.0060	SPECIAL 01. ADJUSTING WATER VALVE BOXES	EACH	14.000	14.000
0600	SPV.0180	SPECIAL 01. TOPSOIL PLACEMENT	SY	36,240.000	36,240.000

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BASE AGGREGATE DENSE

BEGIN STATION	END STATION	LOCATION	THICK. (INCHES)	305.0110 BASE AGGREGATE DENSE 3/4-INCH TONS	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TONS
161+83	205+80	CTH HH	6	1,000	15,250
MEDIAN OPENINGS			6	--	200
205+80	220+62	CTH HH	6	--	5,750
56+59	59+56	PORTER ROAD	6	60	750
161+83	219+11	MULTI-USE PATH	6	2,050	--
PROJECT TOTALS				3,110	21,950

ASPHALT

BEGIN STATION	END STATION	LOCATION	THICKNESS INCHES	455.0105 ASPHALTIC MATERIAL PG 58-28 TONS	455.0605 TACK COAT GALLONS	460.1103 HMA PAVEMENT TYPE E-3 TONS	465.0105 ASPHALTIC SURFACE TONS	465.0125 ASPHALTIC SURFACE TEMPORARY TONS
161+83	220+62	CTH R (SURFACE)	2	285	--	5,150	--	60
161+83	220+62	CTH R (BINDER)	3.5	495	1,120	9,000	--	--
56+59	59+18	PORTER ROAD (SURFACE)	2	15	--	200	--	--
56+59	59+18	PORTER ROAD (BINDER)	3.5	20	40	300	--	--
60+93	68+94	PORTER ROAD (SURFACE)	2	25	--	450	--	--
161+83	219+11	MULTI-USE PATH	2	--	--	--	700	--
VARIOUS		DRIVEWAYS	3	15	--	210	--	--
PROJECT TOTALS				855	1,160	15,310	700	60

REMOVING ASPHALTIC SURFACE

STAGE	BEGIN STATION	END STATION	LOCATION	204.011 REMOVING ASPHALTIC SURFACE SY
2	182+00	182+80	LT	175
2	195+40	196+20	LT	175
2	200+73	201+53	LT	175
PROJECT TOTALS				525

ASPHALT FLUMES

STATION	LOCATION	465.0315 ASPHALTIC FLUMES SY
175+90	75' RT	20
214+90	100' RT	20
215+55	112' RT	20
PROJECT TOTALS		60

CONCRETE CURB & GUTTER

STAGE	BEGIN STATION	END STATION	LOCATION	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0557 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF
1	167+55	175+09	LT	2,040	--	225
1	174+77	175+12	RT	80	--	55
1	175+65	178+45	RT	80	--	275
1	175+64	206+30	LT	6,280	--	170
1	205+80	206+35	RT	--	--	85
1	206+78	215+10	LT	1,570	805	70
1	206+84	215+00	RT	--	710	165
1	215+50	220+62	RT	--	460	95
1	215+57	220+53	LT	940	415	--
STAGE 1 SUB-TOTALS				10,990	2,390	1,140
2	182+00	182+80	LT	80	--	--
2	182+15	182+65	LT	50	--	--
2	195+40	196+20	LT	80	--	--
2	195+55	196+05	LT	50	--	--
2	200+73	201+53	LT	80	--	--
2	200+88	201+38	LT	50	--	--
STAGE 2 SUB-TOTALS				390	0	0
PROJECT TOTALS				11,380	2,390	1,140

CONCRETE SIDEWALK

BEGIN STATION	END STATION	LOCATION	602.0405 4-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF
170+31	170+46	MULTI-USE PATH	110	18
170+98	171+17	MULTI-USE PATH	125	18
172+27	175+00	CTH R (LT)	2,700	
174+68	174+81	MULTI-USE PATH	90	18
174+81	175+10	SE ISLAND	235	--
174+90	175+08	SW ISLAND	440	36
175+65	176+29	NW ISLAND	830	36
175+66	175+80	NE ISLAND	235	--
175+74	178+45	CTH R (LT)	2,530	
175+90	176+06	MULTI-USE PATH	100	18
202+92	206+05	CTH R (LT)	1,720	
205+92	206+23	MULTI-USE PATH	380	36
206+85	207+18	MULTI-USE PATH	230	36
207+05	209+50	CTH R (LT)	1,300	
212+25	214+83	CTH R (LT)	1,440	
214+70	215+05	MULTI-USE PATH	215	36
214+70	214+92	MULTI-USE PATH (RT)	275	18
215+62	216+00	MULTI-USE PATH	215	36
215+88	216+00	MULTI-USE PATH (RT)	120	18
215+88	219+06	CTH R (LT)	1,760	
PROJECT TOTALS			15,050	324

CONCRETE MEDIAN NOSES

STATION	LOCATION	TYPE	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
167+55	LT	1	50
172+80	LT	1	35
174+75	LT	1	20
174+83	RT	1	40
175+00	LT	1	30
175+08	RT	2	10
175+08	RT	2	10
175+65	LT	2	10
175+66	LT	2	10
175+70	LT	1	35
175+95	LT	1	20
176+25	LT	1	40
177+95	LT	1	35
206+05	LT	1	25
207+05	LT	1	25
214+80	LT	1	25
215+85	LT	1	25
59+20	RT	1	40
59+65	RT	2	10
59+66	RT	2	10
60+55	LT	2	10
60+56	LT	2	10
60+85	LT	1	35
PROJECT TOTALS			560

ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.
ALL ITEMS STAGE 1 UNLESS OTHERWISE NOTED.

PERMANENT SIGNING

					637.2210	637.2230	634.0614	634.0616	638.2602	638.3000	638.2102	638.4000	
					SIGNS	SIGNS	POSTS WOOD 4X6-INCH		REMOVING SIGNS	REMOVING SMALL SIGN SUPPORTS	MOVING SIGNS	MOVING SMALL SIGN SUPPORTS	
SIGN NO.	STATION	LOCATION	SIGN CODE/ MESSAGE	SIGN SIZE (W X H)	TYPE II REFLECTIVE H SF	TYPE II REFLECTIVE F SF	14-FT EACH	16-FT EACH	TYPE II EACH	EACH	TYPE II EACH	EACH	COMMENT
1-1	157+00	LT	W14-3/NO PASSING ZONE	48X36	--	6.00	--	1	--	--	--	--	--
1-2	161+30	LT	W6-3/TWO WAY TRAFFIC	36X36	9.00	--	--	1	--	--	--	--	--
1-3	156+75	RT	W6-1/DIVIDED HIGHWAY	36X36	9.00	--	--	1	--	--	--	--	--
1-4	163+50	LT	W11-1/BIKE CROSSING	30X30	--	6.25	--	1	--	--	--	--	--
1-4	163+50	LT	W16-1P/SHARE THE ROAD	24X30	5.00	--	--	--	--	--	--	--	--
1-5	166+65	LT	R5-1/DO NOT ENTER	30X30	6.25	--	--	1	--	--	--	--	--
1-6	166+65	LT	R3-17/BIKE LANE	30X24	5.00	--	--	--	--	--	--	--	MOUNT WITH SIGN 1-5
1-6	166+65	LT	R3-17B/ENDS	30X12	2.50	--	--	--	--	--	--	--	MOUNT WITH SIGN 1-5
1-7	166+00	RT	R3-17/BIKE LANE	30X24	5.00	--	--	1	--	--	--	--	--
1-7	166+00	RT	R3-17A/AHEAD	30X12	2.50	--	--	--	--	--	--	--	--
2-1	167+50	LT	R2-1/SPEED LIMIT 45	24X30	5.00	--	--	1	--	--	--	--	--
2-2	169+15	LT	R5-1A/WRONG WAY	36X24	6.00	--	--	1	--	--	--	--	--
2-3	169+15	LT	W6-2/DIVIDED HIGHWAY	36X36	9.00	--	--	--	--	--	--	--	MOUNT WITH SIGN 2-2
2-4	170+25	LT	PINEWOOD DRIVE	--	--	--	--	--	--	--	1	1	--
2-5	170+45	LT	R1-1/STOP	30X30	5.18	--	1	--	1	1	--	--	--
2-6	8+30	RT	R3-53R/RIGHT TURN ONLY	24X30	5.00	--	--	1	--	--	--	--	--
2-7	171+20	LT	R5-1/DO NOT ENTER	30X30	6.25	--	--	1	--	--	--	--	--
2-8	172+60	LT	SPEED LIMIT 45	--	--	--	--	--	1	1	--	--	--
2-9	173+00	LT	W4-2L/LEFT LANE ENDS (2)	36X36	18.00	--	1	1	--	--	--	--	--
2-10	167+65	LT	R4-7/KEEP RIGHT	24X30	5.00	--	1	--	--	--	--	--	--
2-10	167+65	LT	W5-54/REFLECTIVE DOTS	18X18	--	2.25	--	--	--	--	--	--	--
2-11	168+15	RT	W3-1/STOP AHEAD	36X36	--	9.00	--	1	1	1	--	--	--
2-12	169+75	RT	R3-8V/LANE CONTROL	72X30	15.00	--	--	2	--	--	--	--	--
2-13	170+60	LT	R6-2R/ONE WAY	24X30	5.00	--	1	--	--	--	--	--	--
2-14	170+65	LT	R3-20L/BEGIN LEFT TURN LANE	24X36	6.00	--	--	1	--	--	--	--	--
2-15	172+80	LT	W12-1D/DOUBLE DIAGONAL ARROW	24X24	4.00	--	1	--	--	--	--	--	--
3-1	173+50	LT	ADOPT A HIGWAY	--	--	--	--	--	--	--	1	1	--
3-2	175+00	LT	STOP 4-WAY	--	--	--	--	--	2	2	--	--	--
3-3	175+75	LT	STOP 4-WAY	--	--	--	--	--	2	2	--	--	--
3-4	176+05	LT	R1-2/YIELD	48X42	7.00	--	--	1	--	--	--	--	--
3-5	175+80	LT	R1-1/STOP (2)	36X36	14.92	--	2	--	--	--	--	--	--
3-5	175+80	LT	R1-3P/ALL WAY (2)	18X6	1.50	--	--	--	--	--	--	--	--
3-6	176+15	LT	W12-1D/DOUBLE DIAGONAL ARROW	24X24	4.00	--	1	--	--	--	--	--	--
3-7	178+70	LT	R3-7R/RIGHT LANE MUST TURN RIGHT	30X30	6.25	--	--	1	--	--	--	--	--
3-8	174+60	LT	R4-7/KEEP RIGHT	24X30	5.00	--	1	--	--	--	--	--	--
3-9	174+90	RT	PORTER DR. ROAD SIGN	--	--	--	--	--	--	--	1	1	--
3-10	174+90	RT&LT	R1-1/STOP (2)	36X36	14.92	--	2	--	--	--	--	--	--
3-10	174+90	RT&LT	R1-3P/ALL WAY (2)	18X6	1.50	--	--	--	--	--	--	--	--
3-11	174+80	RT	W12-1D/DOUBLE DIAGONAL ARROW	24X24	4.00	--	1	--	--	--	--	--	--
3-12	175+95	RT	R1-2/YIELD	48X42	7.00	--	--	1	--	--	--	--	--
3-13	176+15	LT	R4-7/KEEP RIGHT	24X30	5.00	--	1	--	--	--	--	--	--
3-14	177+40	RT	ADOPT A HIGWAY	--	--	--	--	--	--	--	1	1	--
3-15	178+45	RT	R2-1/SPEED LIMIT 35	24X30	5.00	--	--	1	--	--	--	--	--
4-1	181+15	LT	R4-4/BEGIN RIGHT TURN LANE YIELD TO BIKES	36X30	7.50	--	--	1	--	--	--	--	--
4-2	182+00	LT	STOP AHEAD	--	--	--	--	--	1	1	--	--	--
4-3	180+10	LT	R3-20L/BEGIN LEFT TURN LANE	24X36	6.00	--	1	--	--	--	--	--	--

ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.
ALL ITEMS STAGE 1 UNLESS OTHERWISE NOTED.

PERMANENT SIGNING

SIGN NO.	STATION	LOCATION	SIGN CODE/ MESSAGE	SIGN SIZE (W X H)	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH 4-FT EACH	634.0616 POSTS WOOD 4X6-INCH 16-FT EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.2102 MOVING SIGNS TYPE II EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	COMMENT
4-4	182+90	LT	R3-8V/LANE CONTROL (2)	72X30	30.00	--	2	2	--	--	--	--	--
4-5	184+90	LT	W3-1/STOP AHEAD (2)	36X36	--	18.00	--	2	--	--	--	--	--
5-1	200+40	LT	R2-1/SPEED LIMIT 35	24X30	5.00	--	--	1	1	1	--	--	--
5-2	199+65	RT&LT	R3-8V/LANE CONTROL (2)	72X30	30.00	--	2	2	--	--	--	--	--
5-3	201+50	LT	R3-20L/BEGIN LEFT TURN LANE	24X36	6.00	--	1	--	--	--	--	--	--
5-4	202+00	RT	W3-5/SPEED LIMIT 35 AHEAD	36X36	--	9.00	--	1	--	--	--	--	--
6-1	206+00	LT	R4-7/KEEP RIGHT	24X30	5.00	--	1	--	--	--	--	--	--
6-2	206+15	LT	R1-1/STOP	30X30	5.18	--	--	1	1	1	2	2	--
6-3	203+15	RT	R4-4/BEGIN RIGHT TURN LANE YIELD TO BIKES	36X30	7.50	--	--	1	--	--	--	--	--
6-4	204+25	RT	R3-7R/RIGHT LANE MUST TURN RIGHT	30X30	6.25	--	--	1	--	--	--	--	--
6-5	206+55	LT	SPEED LIMIT 35 AHEAD	--	--	--	--	--	1	1	--	--	--
6-6	207+00	RT	R1-1/STOP	30X30	5.18	--	1	--	--	--	--	--	--
6-7	207+10	LT	R4-7/KEEP RIGHT	24X30	5.00	--	1	--	--	--	--	--	--
7-1	208+75	LT	R3-7R/RIGHT LANE MUST TURN RIGHT	30X30	6.25	--	1	--	--	--	--	--	--
7-2	210+45	LT	R4-4/BEGIN RIGHT TURN LANE YIELD TO BIKES	36X30	7.50	--	1	--	--	--	--	--	--
7-3	210+85	LT	NO PASSING ZONE	--	--	--	--	--	1	1	--	--	--
7-4	211+10	LT	R3-20L/BEGIN LEFT TURN LANE	24X36	6.00	--	1	--	--	--	--	--	--
7-5	211+90	LT	R3-8V/LANE CONTROL (2)	72X30	30.00	--	4	--	--	--	--	--	--
7-6	212+45	LT	TWO WAY TRAFFIC	--	--	--	--	--	1	1	--	--	--
7-7	209+00	RT	R2-1/SPEED LIMIT 35	24X30	5.00	--	1	--	--	--	--	--	--
7-8	210+05	RT&LT	R3-8V/LANE CONTROL (2)	72X30	30.00	--	4	--	--	--	--	--	--
7-9	210+75	RT	R4-4/BEGIN RIGHT TURN LANE YIELD TO BIKES	36X30	7.50	--	1	--	--	--	--	--	--
7-10	210+80	LT	R3-20L/BEGIN LEFT TURN LANE	24X36	6.00	--	1	--	--	--	--	--	--
7-11	211+25	LT	DIVIDED HIGWAY	--	--	--	--	--	1	1	--	--	--
7-12	212+45	RT	R3-7R/RIGHT LANE MUST TURN RIGHT	30X30	6.25	--	1	--	--	--	--	--	--
8-1	213+50	LT	R2-1/SPEED LIMIT 45	24X30	5.00	--	1	--	1	1	--	--	--
8-2	215+00	LT	R1-1/STOP	30X30	5.18	--	--	1	1	1	2	2	--
8-3	214+80	LT	R4-7/KEEP RIGHT	24X30	5.00	--	1	--	--	--	--	--	--
8-4	217+80	LT	R3-7R/RIGHT LANE MUST TURN RIGHT	30X30	6.25	--	1	--	--	--	--	--	--
8-5	217+55	LT	COUNTY R	--	--	--	--	--	1	1	--	--	--
8-6	218+55	LT	DO NOT ENTER	--	--	--	--	--	1	1	--	--	--
8-7	219+00	LT	R4-4/BEGIN RIGHT TURN LANE YIELD TO BIKES	30X30	7.50	--	1	--	--	--	--	--	--
8-8	214+05	LT	SPEED LIMIT 35	--	--	--	--	--	1	1	--	--	--
8-9	215+85	LT	R4-7/KEEP RIGHT	24X30	5.00	--	1	--	--	--	--	--	--
8-10	215+60	RT	R1-1/STOP	30X30	5.18	--	1	--	--	--	--	--	--
8-11	217+35	RT	M2-1/JCT	21X15	2.20	--	--	1	--	--	--	--	--
8-11	217+35	RT	M1-5A/COUNTY HH	24X24	4.00	--	--	--	--	--	--	--	--
8-12	219+20	RT	BIKE LANE AHEAD	--	--	--	--	--	1	1	--	--	--
9-1	219+90	LT	WRONG WAY	--	--	--	--	--	1	1	--	--	--
9-2	219+90	LT	DIVIDED HIGWAY	--	--	--	--	--	1	--	--	--	--
9-3	219+85	LT	M1-5A/COUNTY R	24X24	4.00	--	1	--	--	--	--	--	--
9-4	220+40	LT	R3-20L/BEGIN LEFT TURN LANE	24X36	6.00	--	--	1	--	--	--	--	--
9-5	220+80	LT	R3-8V/LANE CONTROL	72X30	15.00	--	2	--	--	--	--	--	--
9-6	220+75	LT	RIGHT LANE ENDS	--	--	--	--	--	2	2	--	--	--
9-7	225+30	LT	LANE ENDS MERGE LEFT	--	--	--	--	--	2	2	--	--	--
9-8	219+95	RT	SIGNAL AHEAD	--	--	--	--	--	1	1	--	--	--

ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.
ALL ITEMS STAGE 1 UNLESS OTHERWISE NOTED.

PERMANENT SIGNING

					637.2210	637.2230	634.0614	634.0616	638.2602	638.3000	638.2102	638.4000	
					SIGNS TYPE II REFLECTIVE H	SIGNS TYPE II REFLECTIVE H	POSTS WOOD 4X6-INCH		REMOVING SIGNS TYPE II	REMOVING SMALL SIGN SUPPORTS	MOVING SIGNS TYPE II	MOVING SMALL SIGN SUPPORTS	
SIGN NO.	STATION	LOCATION	SIGN CODE/ MESSAGE	SIGN SIZE (W X H)	SF	SF	14-FT EACH	16-FT EACH	EACH	EACH	EACH	EACH	COMMENT
10-1	55+50	LT	W11-1/BIKE SYMBOL	30X30	--	6.25	--	1	--	--	--	--	--
10-1	55+50	LT	W16-1P/SHARE THE ROAD	24X30	5.00	--	--	--	--	--	--	--	--
10-2	56+60	LT	R3-17/BIKE LANE	30X24	5.00	--	--	1	--	--	--	--	--
10-2	56+60	LT	R3-17B/ENDS	30X12	2.50	--	--	--	--	--	--	--	--
10-3	58+10	LT	R2-1/SPEED LIMIT 25	24X30	5.00	--	--	1	1	1	--	--	--
10-4	58+10	LT	NO THRU TRAFFIC IN EXCESS OF 7.0 TONS	--	--	--	--	--	--	--	1	1	--
10-5	60+00	LT	STOP	--	--	--	--	--	1	1	--	--	--
10-6	60+75	LT	R1-2/YIELD	48X42	7.00	--	--	1	--	--	--	--	--
10-7	60+60	LT	R1-1/STOP	36X36	14.92	--	--	1	--	--	--	--	--
10-7	60+60	LT	R1-4/ALL WAY	18X6	0.75	--	--	--	--	--	--	--	--
10-8	60+75	LT	W12-1D/DOUBLE DIAGONAL ARROW	24X24	4.00	--	1	--	--	--	--	--	--
10-9	55+50	RT	R3-17/BIKE LANE	30X24	5.00	--	--	1	--	--	--	--	--
10-9	55+50	RT	R3-17B/ENDS	30X12	2.50	--	--	--	--	--	--	--	--
10-10	56+55	RT	R3-8W/LANE CONTROL	54X30	11.25	--	--	2	--	--	--	--	--
10-11	57+40	RT	R4-4/BEGIN RIGHT TURN LANE YIELD TO BIKES	36X30	7.50	--	--	1	--	--	--	--	--
10-12	59+25	RT	W12-1D/DOUBLE DIAGONAL ARROW	24X24	4.00	--	1	--	--	--	--	--	--
10-13	59+40	RT	R1-1/STOP	36X36	14.92	--	--	1	--	--	--	--	--
10-13	59+40	RT	R1-4/ALL WAY	18X6	0.75	--	--	--	--	--	--	--	--
10-14	59+30	RT	R1-2/YIELD	48X42	7.00	--	--	1	--	--	--	--	--
11-1	62+35	LT	R4-4/BEGIN RIGHT TURN LANE YIELD TO BIKES	36X30	7.50	--	--	1	--	--	--	--	--
11-2	63+95	LT	R3-8W/LANE CONTROL	54X30	11.25	--	--	2	--	--	--	--	--
11-3	66+90	LT	W3-1/STOP AHEAD	36X36	--	9.00	--	1	1	1	--	--	--
11-4	63+40	RT	R2-1/SPEED LIMIT 35	24X30	5.00	--	--	1	1	1	--	--	--
11-5	68+40	RT	R3-17/BIKE LANE	30X24	5.00	--	--	1	--	--	--	--	--
11-5	68+40	RT	R3-17B/ENDS	30X12	2.50	--	--	--	--	--	--	--	--
11-6	70+30	LT	R3-17/BIKE LANE	30X24	5.00	--	--	1	--	--	--	--	--
11-6	70+30	LT	R3-17A/AHEAD	30X12	2.50	--	--	--	--	--	--	--	--
11-7	70+05	RT	W11-1/BIKE SYMBOL	30X30	--	6.25	--	1	--	--	--	--	--
11-7	70+05	RT	W16-1P/SHARE THE ROAD	24X30	5.00	--	--	--	--	--	--	--	--
			PROJECT TOTALS		644.03	72.00	48.00	53.00	31.00	30.00	9.00	9.00	

SAWCUTTING

STAGE	STATION	LOCATION	690.0150 SAWING ASPHALT LF
2	182+00 - 182+80	24' LT	80
2	182+15 - 182+65	0' LT	50
2	195+40 - 196+20	24' LT	80
2	195+55 - 196+05	0' LT	50
2	200+73 - 201+53	24' LT	80
2	200+88 - 201+38	0' LT	50
		PROJECT TOTALS	390

WATER

LOCATION	624.0100 WATER MGAL
UNDISTRIBUTED	1,850

ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.
ALL ITEMS STAGE 1 UNLESS OTHERWISE NOTED.

3

EROSION CONTROL

STAGE	BEGIN STATION	END STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2006 EROSION MAT CLASS I TYPE A SY	628.701 INLET PROTECTION TYPE A EACH	628.702 INLET PROTECTION TYPE C EACH	628.191 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
1	161+83	175+00	LT	--	--	3,080	1	1	--	--
1	161+83	175+00	RT	--	--	50	--	--	--	--
1	175+50	206+25	LT	--	--	11,300	1	1	--	--
1	175+50	206+25	RT	--	--	240	--	--	--	--
1	206+75	215+00	LT	--	--	2,030	2	2	--	--
1	206+75	215+00	RT	--	--	600	2	2	--	--
1	215+50	220+62	LT	--	--	780	1	1	--	--
1	215+50	220+62	RT	--	--	410	1	1	--	--
1	56+59	57+50	RT	--	--	220	--	--	--	--
1	57+63	58+98	LT	--	--	180	--	--	--	--
1	PROJECT LIMITS			1,500	1,500	--	--	--	2	3
	STAGE 1 SUB-TOTALS			1,500	1,500	18,890	8	8	2	3
2	182+00	182+80	LT	--	--	180	--	--	--	--
2	195+40	196+20	LT	--	--	180	--	--	--	--
2	200+73	201+53	LT	--	--	180	--	--	--	--
	STAGE 2 SUB-TOTALS			0	0	540	0	0	0	0
	PROJECT TOTALS			1,500	1,500	19,430	8	8	2	3

LANDSCAPING

STAGE	BEGIN STATION	END STATION	LOCATION	SPV.0035.01 * TOPSOIL PLACEMENT CY	SPV.0180.01 TOPSOIL PLACEMENT SY	627.0200 MULCHING SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB
1	161+83	175+05	CTH R (LT)	360	4,050	970	2.6	75
1	161+83	175+05	CTH R (RT)	--	3,650	3,600	2.3	70
1	175+90	206+33	CTH R (LT)	2,030	12,670	1,370	8.0	230
1	175+90	206+33	CTH R (RT)	--	8,620	8,380	5.5	160
1	206+80	215+07	CTH R (LT)	250	2,790	--	1.8	55
1	206+80	215+07	CTH R (RT)	70	1,140	--	0.8	25
1	215+54	220+62	CTH R (LT)	30	1,140	--	0.8	25
1	215+54	220+62	CTH R (RT)	40	940	--	0.6	20
1	56+59	59+30	PORTER ROAD (LT)	--	500	500	0.4	10
1	56+59	59+30	PORTER ROAD (RT)	--	740	520	0.5	15
			STAGE 1 TOTALS	2,780	36,240	15,340	23	685
2	182+00	182+80	MEDIAN OPENING	60	--	--	0.2	5
2	195+40	196+20	MEDIAN OPENING	60	--	--	0.2	5
2	200+73	201+53	MEDIAN OPENING	60	--	--	0.2	5
			STAGE 2 TOTALS	180	0	0	1	15
			PROJECT TOTALS	2,960	36,240	15,340	24	700

*THIS ITEM IS TO FILL IN MEDIANS WHERE LANDSCAPED AND BEHIND BACK OF CURB

ADJUSTING COVERS & VALVE BOXES

CATEGORY	STATION	LOCATION	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8115 ADJUSTING INLET COVERS EACH	SPV.0060.01 ADJUSTING WATER VALVE BOXES EACH
0010	172+87.11	8.5' LT	--	1	--
0010	176+01.39	8.5' LT	--	1	--
0010	206+61.80	29.5' LT	1	--	--
0010	209+84.07	55.2' LT	--	1	--
0010	209+84.07	29.5' LT	1	--	--
0010	209+84.07	27.5' RT	--	1	--
0010	212+50.00	51.5' LT	--	1	--
0010	212+50.00	29.5' LT	1	--	--
0010	212+50.00	38.5' RT	--	1	--
0010	215+43.30	29.5' LT	1	--	--
0010	216+02.40	62.5' LT	--	1	--
0010	216+02.40	29.5' LT	1	--	--
0010	216+17.59	37.6' RT	--	1	--
CATEGORY 0010 SUB-TOTALS			5	8	0
0020	165+62.22	57.4' LT	--	--	1
0020	170+69.30	85.0' LT	--	--	3
0020	175+34.51	88' LT	--	--	4
0020	175+47.25	13.4' RT	1	--	--
0020	179+41.00	11.0' RT	1	--	--
0020	206+43.64	85.1' RT	--	--	1
0020	206+44.51	98.6' LT	--	--	3
0020	215+24.31	79.8' RT	--	--	1
0020	215+25.57	29.5' LT	--	--	1
0020	215+33.24	8.3' LT	1	--	--
CATEGORY 0020 SUB-TOTALS			3	0	14
PROJECT TOTALS			8	8	14

CONSTRUCTION STAKING

BEGIN STATION	END STATION	650.5000 BASE LF	650.5500 CURB GUTTER AND CURB & GUTTER LF	650.9910 SUPPLEMENTAL CONTROL LS
161+82.76	220+61.88	5,880	14,520	--
56+59.23	59+50.00	290	--	--
60+75.00	68+94.40	820	--	--
PROJECT LIMITS		--	--	1
PROJECT TOTALS		6,990	14520	1

ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.
ALL ITEMS STAGE 1 UNLESS OTHERWISE NOTED.

PERMANENT PAVEMENT MARKING

STATION	LOCATION	TYPE	646.0103 PAINT 4-INCH LF	646.0123 PAINT 8-INCH LF	647.0163 ARROWS PAINT TYPE 2 EACH	647.0203 ARROWS BIKE LANE PAINT EACH	647.0353 WORDS PAINT EACH	647.0403 WORDS BIKE LANE PAINT EACH	647.0453 CURB PAINT LF	647.0563 STOP LINE PAINT 18-INCH LF	647.0603 ISLAND NOSE PAINT EACH	647.0723 DIAGONAL PAINT 12-INCH LF	647.0733 DIAGONAL PAINT 18-INCH LF	647.0763 CROSSWALK PAINT 6-INCH LF
157+00 - 163+00	CTH R	CENTERLINE	830	--	--	--	--	--	--	--	--	--	--	--
163+00 - 167+70	CTH R	PAINTED MEDIAN	1,880	--	--	--	--	--	--	--	--	--	55	--
166+60 - 170+15	CTH R - SB	EDGELINE & BIKE LANE	300	--	--	1	--	2	--	--	--	--	--	--
167+70 - 175+00	CTH R	MEDIAN & NB LEFT TURN LANE	1,840	220	2	--	1	--	35	12	1	--	--	--
168+50 - 175+00	CTH R - SB	EDGELINE, LANELINE, BIKE LANE	420	--	--	1	--	2	--	--	--	--	--	--
168+50 - 175+00	CTH R - NB	EDGELINE, LANELINE, BIKE LANE, RT TURN LANE	620	150	1	2	1	4	--	30	--	--	--	--
8+10 - 9+30	PINEWOOD DRIVE	VARIOUS	--	--	1	--	1	--	--	20	--	--	--	115
174+75 - 176+00	CTHR/PORTER ROAD	TURN LANE EXTENSION LINES	320	--	--	--	--	--	--	--	--	--	--	--
175+75 - 206+10	CTH R	MEDIAN & LEFT TURN LANES	6,410	850	4	--	2	--	35	12	2	75	--	--
175+75 - 206+10	CTH R - SB	EDGELINE, LANELINE, BIKE LANE, RT TURN LANE	3,640	350	1	2	1	4	--	30	--	--	--	40
175+75 - 206+10	CTH R - NB	EDGELINE, LANELINE, BIKE LANE, RT TURN LANE	3,860	190	2	2	1	4	--	--	--	--	--	--
21+00 - 21+50	COMMONS CIRCLE	VARIOUS	--	--	--	--	--	--	--	30	--	--	--	130
207+00 - 215+00	CTH R	MEDIAN & LEFT TURN LANES	1,550	1,050	4	--	2	--	--	--	2	125	--	--
207+00 - 215+00	CTH R - SB	EDGELINE, LANELINE, BIKE LANE, RT TURN LANE	1,490	190	2	2	1	4	--	--	--	--	--	--
207+00 - 215+00	CTH R - NB	EDGELINE, LANELINE, BIKE LANE, RT TURN LANE	1,460	260	2	2	1	4	--	--	--	--	--	--
215+00 - 215+75	MERIDIAN DRIVE	VARIOUS	--	--	--	--	--	--	--	25	--	--	--	115
215+80 - 220+75	CTH R	MEDIAN & LEFT TURN LANES	940	640	2	--	1	--	--	--	1	85	--	--
215+80 - 220+75	CTH R - SB	EDGELINE, LANELINE, BIKE LANE, RT TURN LANE	890	170	2	1	1	2	--	--	--	--	--	--
215+80 - 220+75	CTH R - NB	EDGELINE, LANELINE, BIKE LANE	980	--	--	1	--	2	--	--	--	--	--	--
56+60 - 59+75	PORTER ROAD - WB	CENTERLINE, EGELINE, BIKE LANE	840	--	--	1	--	2	--	--	--	--	--	--
56+60 - 59+75	PORTER ROAD - EB	VARIOUS	200	400	2	1	2	2	--	35	--	--	--	145
60+60 - 69+20	PORTER ROAD	PAINTED MEDIAN & LEFT TURN LANE	3,000	340	2	--	1	--	--	--	--	180	--	--
60+60 - 69+20	PORTER ROAD - WB	EDGELINE, BIKE LANE, AND RIGHT TURN LANE	720	150	1	1	1	2	--	35	--	--	--	--
60+60 - 69+20	PORTER ROAD - EB	EDGELINE & BIKE LANE	710	--	--	1	--	2	--	--	--	--	--	--
		PROJECT TOTALS	32,900	4,960	28	18	17	36	70	229	6	465	55	545

ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED.
ALL ITEMS STAGE 1 UNLESS OTHERWISE NOTED.

CONVENTIONAL SIGNS AND ABBREVIATIONS

STATE LINE
COUNTY LINE
TOWNSHIP AND RANGE LINES
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE (P.L.)
CORPORATE LIMITS (NAME)
LOT, TIE AND OTHER MINOR LINES
SLOPE INTERCEPTS (SLOPE INTERCEPTS)
UNDERGROUND FACILITY (Communications, Electric, Etc.) (C (Type))
FENCE
FEE INTEREST
TEMPORARY INTEREST
EASEMENT (Highway, Permanent Limited or Restricted Development)
BEAM GUARD
TRANSMISSION STRUCTURES (Line Optional)
RAIL LINE (SMALL SCALE) (LARGE SCALE)

SECTION CORNER (S 4 3 8 9 5 E)
NOTATION FOR COMBUSTABLE FLUIDS (CAUTION)
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES (CAUTION)
BRIDGE
STREAM OR RIVER (NAME)
LAKE (NAME)
CULVERT (Box, Pipe Or Cattle Pass) (Type)
SIGN / SIGN

FOUNDATION OR RUIN (FDN.)
BUILDING (TYPE)
CEMETERY
R/W MONUMENT
NON-MONUMENTED R/W POINT
IRON PIN (I.P.)
VALVE (GAS (TYPE))
WINDMILL
MANHOLE, SEPTIC VENT, WELL, ETC. (M.H. (Type))
GAS PUMPS (G.P.)
BUSHES
TREES (Deciduous) (Coniferous)
WOODS
ENCROACHING SIGN (E-1) / SIGN

R/W POINT (000)
T.L.E. POINT [000]

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (Label Type - Communications, Electric)		

NO ACCESS (By Acquisition)
NO ACCESS (By Statutory Authority)
NO ACCESS (By Previous Project)

P.I. or PI	Point of Intersection
°.	Deflection Angle
D.	Degree of Curve
T.	Tangent Length
L.	Length
R.	Radius
CATV	Cable Television Line
FO	Fiber Optic Cable
G	Gas Line
GUY	Guy Wire
GV	Gas Valve
SAN	Sanitary Sewer Line
SEPV.	Septic Vent
T	Telephone Line
W	Water Line
ANT.	Antenna
B	Barn or Building
G	Garage
H	House
S	Shed
C.T.H.	County Trunk Highway
CORP	Corporation
LLC	Limited Liability Corporation
RR.	Railroad
S.T.H.	State Trunk Highway
ST.	Street
IP	Iron Pipe or Iron Pin
C.S.M.	Certified Survey Map
COR.	Corner
L.C.	Long Chord
L.C.B.	Long Chord Bearing
MI.	Miles
MISC	Miscellaneous
N/A	Not Available or Applicable
P.L.	Property Line
P.L.E.	Permanent Limited Easement
P.O.B.	Point of Beginning
PC	Point of Curvature
PG.	Page
PROP	Property Corner
PT	Point of Tangency
R/W	Right of Way
RD.	Road
REM.	Remnant
S.F.	Square Feet
SEC.	Section
STA.	Station
T.L.E. or TLE	Temporary Limited Easement
VOL.	Volume

NOTES

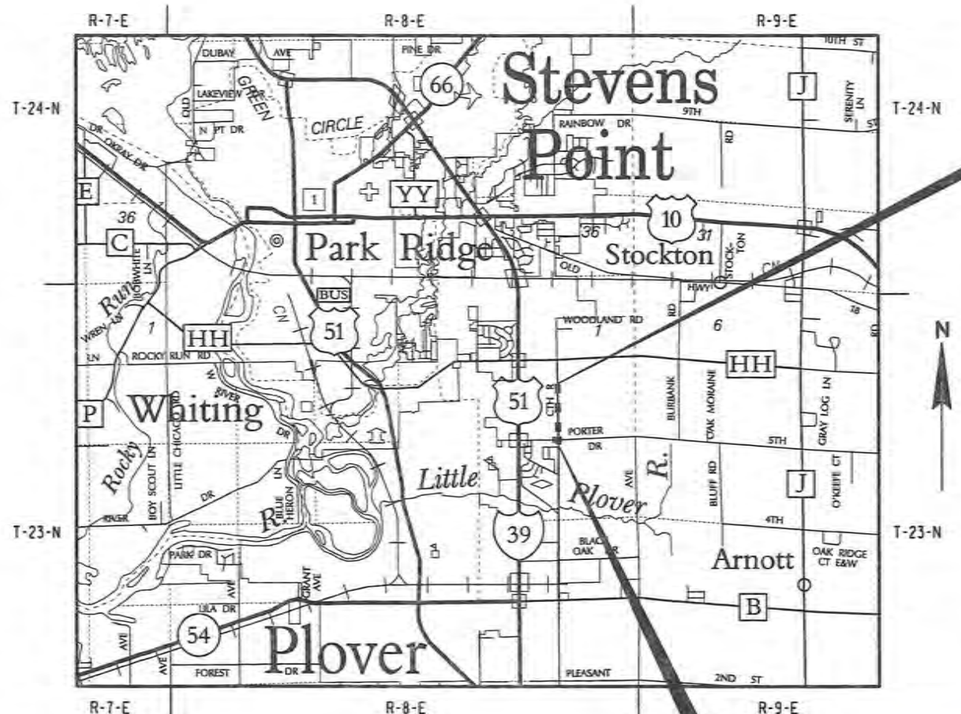
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, PORTAGE COUNTY, NAD 83 (1991) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS AND GRID DISTANCES. GRID DISTANCES MAY BE USED FOR GROUND DISTANCES.

RIGHT OF WAY MONUMENTS ARE TYPE 2 MONUMENTS (TYPICALLY 3/4 " X 24" REBAR) AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PORTAGE COUNTY HIGHWAY DEPARTMENT.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. EXCLUDING RIGHTOF WAY LINES, THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.



END RELOCATION ORDER
STA. 220+70
769.91' SOUTH AND 30.19' EAST OF THE NORTHWEST CORNER OF SECTION 12, T. 23 N., R. 8 E.

BEGIN RELOCATION ORDER
STA. 161+75
1367.66' SOUTH AND 0.38' EAST OF THE NORTHWEST CORNER OF SECTION 13, T. 23 N., R. 8 E.

LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 1.116 MI.

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
6998-12-00	4.1	9
FEDERAL PROJECT NUMBER		

PLAT OF RIGHT-OF-WAY REQUIRED FOR
PORTER ROAD - CTH HH
VILLAGE OF PLOVER

CTH R — PORTAGE COUNTY

CONSTRUCTION PROJECT NUMBER
6998-12-70

ORIGINAL PLAT PREPARED BY
AECOM

WISCONSIN
LANCE J. HABECK
S-1444
PLOVER, WI
LAND SURVEYOR

Lance J. Habeck
DATE: 1/29/13

PORTAGE COUNTY

APPROVED FOR PORTAGE COUNTY
(Signature)
DATE: 2-4-13

REVISION DATE
5-14-13 N.C.

VILLAGE OF PLOVER

APPROVED FOR THE VILLAGE OF PLOVER
(Signature)
DATE: 1-29-13

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSED ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE VILLAGE OF PLOVER OR PORTAGE COUNTY.

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	TOTAL ACRES	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TOTAL ACRES REM.	T.L.E. ACRES	P.L.E. SQ.FT.
1	4.4 & 4.5	CIRCLE K FARMS, INC.	FEE & T.L.E.	264.04	2.29	1.70	3.99	260.05	0.32	-----
2	4.4	JEREMY J. LECK	T.L.E.	-----	-----	-----	-----	-----	0.02	-----
3	4.4	JAMES S PIOTROWSKI & SUSAN A. PIOTROWSKI	T.L.E.	-----	-----	-----	-----	-----	0.04	-----
4	4.4	RANDY D. KEEN	T.L.E.	-----	-----	-----	-----	-----	0.04	-----
6	4.4	MARCELLA A. JURGELLA, TRUSTEE OF THE MARCELLA A. JURGELLA REVOCABLE TRUST DATED DECEMBER 21, 1998.	T.L.E.	-----	-----	-----	-----	-----	0.05	-----
7	4.4	RICK S. MISKOSKI & LORI MISKOSKI	T.L.E.	-----	-----	-----	-----	-----	0.05	-----
8	4.4 & 4.5	MARGARET E. BEMBENEK	FEE & T.L.E.	4.09	0.17	-----	0.17	3.92	0.20	-----
11	4.5, 4.6 & 4.7	BLUE TOP FARMS, INC.	FEE & T.L.E.	365.95	4.05	2.68	6.73	359.22	0.98	-----
12	4.5 & 4.6	ANTHONY L. GAETZ & KATHLEEN G. GAETZ	FEE & T.L.E.	2.88	0.32	0.56	0.88	2.00	0.21	-----
13	4.6 & 4.7	THOMAS L. SANKEY, KATHLEEN GAETZ, GERARD SANKEY, MARILYN SANKEY & IRENE V. SANKEY, LIFE ESTATE	FEE, P.L.E. & T.L.E.	70.94	0.30	1.28	1.58	69.36	0.41	90
14	4.7	MARILYN SANKEY	FEE & T.L.E.	2.29	0.13	0.16	0.29	2.00	0.05	-----
16	4.7	GERARD SANKEY & DAWN SANKEY	FEE, P.L.E. & T.L.E.	2.29	0.13	0.16	0.29	2.00	0.05	90
17	4.8	MERIDIAN PLOVER 3, LLC	T.L.E.	-----	-----	-----	-----	-----	0.11	-----
18	4.8 & 4.9	J. JAMES ZAKRZEWSKI & DELORES ZAKRZEWSKI	FEE & T.L.E.	75.94	1.81	1.00	2.81	73.13	0.35	-----
19	4.8	WAL-MART REAL ESTATE	T.L.E.	-----	-----	-----	-----	-----	0.37	-----
21	4.9	LOWES HOME CENTERS, INC.	T.L.E.	-----	-----	-----	-----	-----	0.18	-----
40	4.5	WISCONSIN PUBLIC SERVICE (ELECTRIC)	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----
41	4.5	AMHERST TELEPHONE COMPANY	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----
42	4.5	CHARTER COMMUNICATIONS	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----
43	4.8 & 4.9	WISCONSIN PUBLIC SERVICE (GAS)	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----
44	4.5	AT&T (TELEPHONE)	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----
45	4.8	VILLAGE OF PLOVER (WATER)	RELEASE OF RIGHTS	-----	-----	-----	-----	-----	-----	-----

4

4

REVISION DATE
5-14-13

DATE 1-29-13

SCALE, FEET
0 N/A

HWY: CTH R

COUNTY: PORTAGE

STATE R/W PROJECT NUMBER 6998-12-00

CONSTRUCTION PROJECT NUMBER 6998-12-70

PLAT SHEET 4.2

PS&E SHEET

E

FILE NAME : L:\Work\Projects\94854\grd\porter-cthhh\040102_rw.dgn PLOT DATE : 5/17/2013 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1:400

WISDOT/CADDS SHEET 60

4

4

GN

TOWN OF PLOVER

VILLAGE OF PLOVER

NE-NE SEC. 14

SE-SE SEC. 11

NE-SE SEC. 11

SE-NE SEC. 11

NE-NE SEC. 11

NW-NW SEC. 13

SW-SW SEC. 12

NW-SW SEC. 12

SW-NW SEC. 12

NW-NW SEC. 12

PINEWOOD DRIVE

FIRST ADDITION TO DEER LANE SUBDIVISION

PORTER ROAD

COMMONS CIRCLE

MERIDIAN DRIVE

CTH R

REVISION DATE 5-14-13	DATE 1-29-13	NOT TO SCALE	HWY: CTH R	STATE R/W PROJECT NUMBER 6998-12-00	PLAT SHEET 4.3
			COUNTY: PORTAGE	CONSTRUCTION PROJECT NUMBER 6998-12-70	PS&E SHEET E

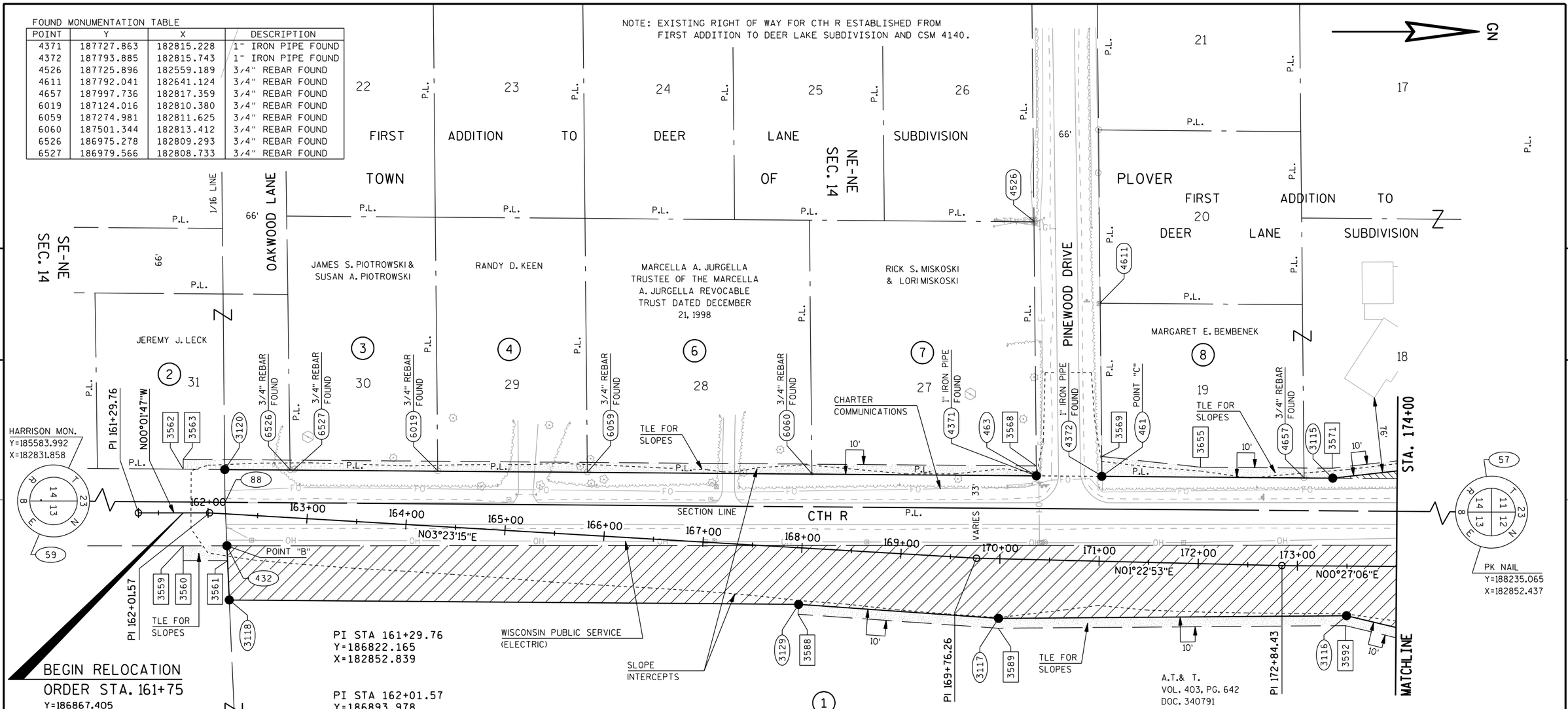
FILE NAME : L:\Work\Projects\94854\grd\porter-cthhh\040103_rw.dgn PLOT DATE : 5/17/2013 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1:400

WISDOT/CADDS SHEET 70

FOUND MONUMENTATION TABLE

POINT	Y	X	DESCRIPTION
4371	187727.863	182815.228	1" IRON PIPE FOUND
4372	187793.885	182815.743	1" IRON PIPE FOUND
4526	187725.896	182559.189	3/4" REBAR FOUND
4611	187792.041	182641.124	3/4" REBAR FOUND
4657	187997.736	182817.359	3/4" REBAR FOUND
6019	187124.016	182810.380	3/4" REBAR FOUND
6059	187274.981	182811.625	3/4" REBAR FOUND
6060	187501.344	182813.412	3/4" REBAR FOUND
6526	186975.278	182809.293	3/4" REBAR FOUND
6527	186979.566	182808.733	3/4" REBAR FOUND

NOTE: EXISTING RIGHT OF WAY FOR CTH R ESTABLISHED FROM FIRST ADDITION TO DEER LAKE SUBDIVISION AND CSM 4140.



PI STA 161+29.76
Y=186822.165
X=182852.839

PI STA 162+01.57
Y=186893.978
X=182852.801
DELTA = 03°25'02"

PI STA 172+84.43
Y=187975.388
X=182906.006
DELTA = 00°55'47"

PI STA 169+76.26
Y=187667.310
X=182898.577
DELTA = 02°00'22"

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
88 - 3120	S89°26'36"W	33.01'
3120 - 463	N00°26'41"E	818.57'
463 - 461	N00°26'41"E	66.01'
461 - 3115	N00°26'41"E	232.90'
3115 - 3111	N06°24'47"W	128.92'
88 - 432	N87°30'20"E	43.91'
432 - 3118	N87°30'20"E	54.66'
3118 - 3129	N00°26'33"E	574.19'
3129 - 3117	N03°59'31"E	202.10'
3117 - 3116	N00°25'34"W	350.98'
3116 - 3112	N13°26'47"E	133.42'
59 - 88	N00°26'41"E	1325.58'
88 - 57	N00°26'41"E	1325.58'

TLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
3120 - 3562	S00°26'41"W	41.83'
3562 - 3563	S89°58'13"W	10.00'
3563 - 3568	N00°26'41"E	860.31'
3568 - 463	N89°27'26"E	10.00'
461 - 3569	S89°27'26"W	20.00'
3569 - 3655	N06°09'52"E	100.34'
3655 - 3571	N00°26'41"E	132.81'
3571 - 3572	N06°24'47"W	126.38'
432 - 3559	S00°01'31"E	44.02'
3559 - 3560	N89°58'13"E	15.00'
3560 - 3561	N00°01'31"W	44.66'
3561 - 432	S87°30'20"W	15.01'
3129 - 3588	S86°36'45"E	10.00'
3588 - 3589	N03°59'31"E	202.38'
3589 - 3592	N00°25'34"W	350.15'
3592 - 3593	N13°26'47"E	125.72'

R/W STATION & OFFSET TABLE

POINT	STATION	OFFSET
432	162+20.97	32.13'
461	171+00.68	85.59'
463	170+34.68	84.51'
3115	173+35.00	88.59'
3116	173+50.00	50.00'
3117	170+00.00	60.00'
3118	162+26.57	86.50'
3120	162+14.20	44.48'
3129	168+00.00	57.00'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3559	161+75.00	33.23'
3560	161+75.00	48.23'
3561	162+22.51	47.06'
3562	161+75.00	44.00'
3563	161+75.00	54.00'
3568	170+34.35	94.51'
3569	171+00.01	105.58'
3571	173+34.40	98.59'
3588	168+00.00	67.00'
3589	169+99.93	70.01'
3592	173+48.94	60.02'
3655	172+00.00	97.22'

R/W COORDINATE POINT TABLE

POINT	Y	X
432	186911.440	182886.021
461	187793.762	182816.010
463	187727.754	182815.498
3115	188026.659	182817.818
3116	188040.565	182956.522
3117	187689.598	182959.132
3118	186913.819	182940.627
3120	186909.208	182809.144
3129	187487.991	182945.062

REVISION DATE 5-14-13 N.C.	DATE 1-29-13	SCALE, FEET 0 50 100	HWY: CTH R	STATE R/W PROJECT NUMBER 6998-12-00	PLAT SHEET 4.4
	GRID FACTOR N/A		COUNTY: PORTAGE	CONSTRUCTION PROJECT NUMBER 6998-12-70	PS&E SHEET 62 E

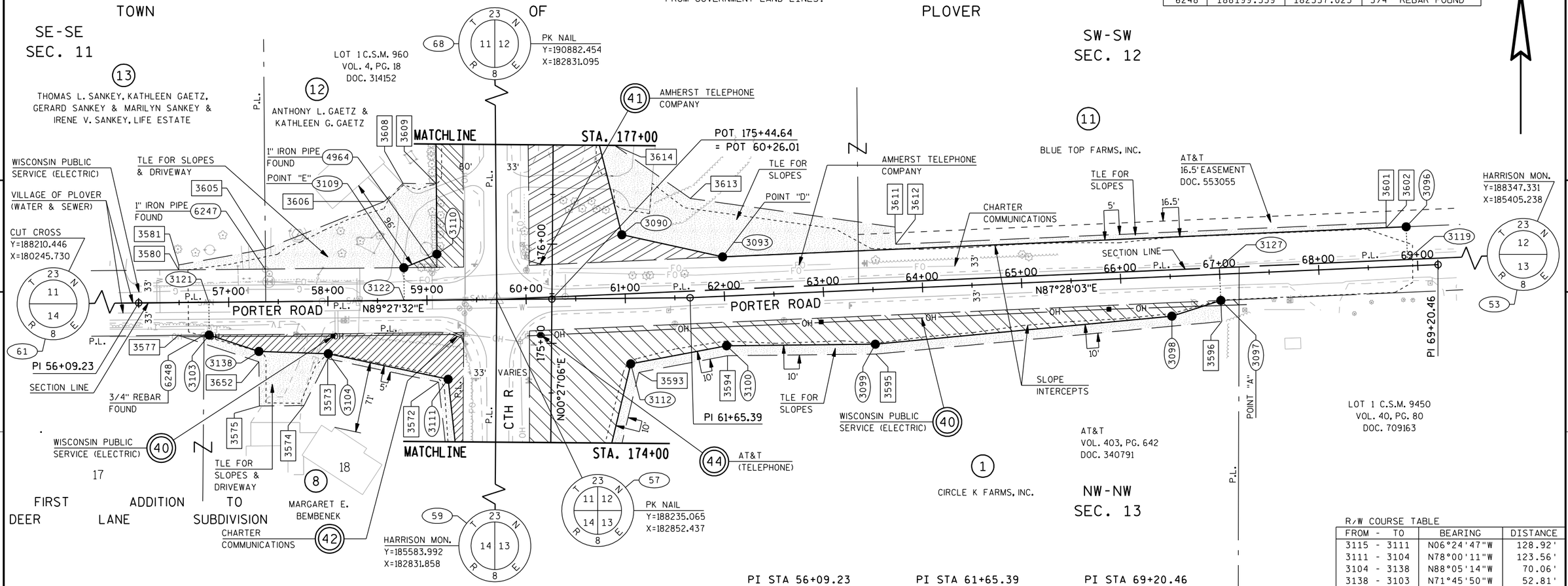
FILE NAME : L:\Work\Projects\94854\gra\porter-cthhh\040104_rw.dgn PLOT DATE : 5/17/2013 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 75

NOTE: EXISTING RIGHT OF WAY FOR CTH R ESTABLISHED FROM FIRST ADDITION TO DEER LAKE SUBDIVISION AND CSM 4140 SOUTH OF PORTER ROAD AND GOVERNMENT LAND LINES NORTH OF PORTER ROAD. EXISTING RIGHT OF WAY FOR PORTER ROAD ESTABLISHED FROM GOVERNMENT LAND LINES.

FOUND MONUMENTATION TABLE

POINT	Y	X	DESCRIPTION
4964	188267.397	182791.905	1" IRON PIPE FOUND
6247	188265.637	182618.909	1" IRON PIPE FOUND
6248	188199.339	182557.023	3/4" REBAR FOUND



PI STA 56+09.23
Y=188231.655
X=182491.297

PI STA 61+65.39
Y=188236.907
X=183047.435
DELTA = 01°59'29"

PI STA 69+20.46
Y=188270.270
X=183801.769

R/W COORDINATE POINT TABLE

POINT	Y	X
3090	188300.400	182978.571
3093	188278.116	183080.253
3096	188308.431	183769.587
3097	188234.148	183582.687
3098	188218.359	183533.336
3099	188190.118	183234.292
3100	188188.485	183084.217
3103	188199.324	182562.375
3104	188180.459	182682.559
3109	188267.182	182758.743
3110	188280.870	182792.066
3111	188154.776	182803.418
3112	188170.325	182987.546
3138	188182.798	182612.534

R/W STATION & OFFSET TABLE

POINT	STATION	OFFSET
3090	176+10.00	70.00'
3093	62+00.00	39.72'
3096	68+90.00	39.55'
3097	67+00.00	26.41'
3098	66+50.00	40.00'
3099	63+50.00	55.00'
3100	62+00.00	50.00'
3103	56+80.00	33.00'
3104	58+00.00	53.00'
3109	58+77.00	33.00'
3110	175+89.00	116.35'
3111	174+63.00	104.00'
3112	174+80.00	80.00'
3138	57+30.00	50.00'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3572	174+59.88	113.70'
3573	57+99.35	57.98'
3574	57+75.00	105.00'
3575	57+30.00	105.00'
3577	56+48.93	33.00'
3580	56+50.00	33.00'
3581	56+50.00	38.00'
3593	174+71.43	88.29'
3594	62+00.54	60.02'
3595	63+50.08	65.01'
3596	67+00.00	47.51'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3601	68+70.00	44.55'
3602	68+70.00	39.55'
3605	57+37.46	53.00'
3606	58+58.00	100.00'
3608	176+60.00	151.00'
3609	176+60.00	117.48'
3611	63+75.00	62.00'
3612	63+75.00	44.67'
3613	61+70.00	100.00'
3614	177+00.00	62.00'

TLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
3571 - 3572	N06°24'47"W	126.38'
3572 - 3573	N78°00'11"W	114.24'
3573 - 3574	S26°49'50"W	52.95'
3574 - 3575	S89°27'32"W	45.00'
3575 - 3652	N00°32'28"W	44.44'
3652 - 3577	N71°45'50"W	85.62'
3577 - 3103	N89°27'32"E	31.07'
3109 - 3580	S89°27'32"W	227.00'
3580 - 3581	N00°32'28"W	5.00'
3581 - 3605	N79°43'37"E	88.74'
3605 - 3606	N68°09'26"E	129.38'
3606 - 3608	N46°06'55"E	26.17'
3608 - 3609	S89°32'54"E	33.52'

TLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
3609 - 3110	S00°27'43"E	71.01'
3592 - 3593	N13°26'47"E	125.72'
3593 - 3594	N79°21'38"E	91.00'
3594 - 3595	N89°22'36"E	149.62'
3595 - 3596	N84°36'19"E	350.35'
3596 - 3097	N02°31'57"W	21.11'
3093 - 3602	N87°28'55"E	670.00'
3602 - 3601	N02°31'57"W	5.00'
3601 - 3612	S87°28'55"W	495.00'
3612 - 3611	N02°31'57"W	17.33'
3611 - 3613	N82°01'51"W	208.49'
3613 - 3614	N55°00'10"W	93.19'

R/W COURSE TABLE

FROM - TO	BEARING	DISTANCE
3115 - 3111	N06°24'47"W	128.92'
3111 - 3104	N78°00'11"W	123.56'
3104 - 3138	N88°05'14"W	70.06'
3138 - 3103	N71°45'50"W	52.81'
3103 - 3121	N00°32'28"W	33.00'
3121 - 3122	N89°27'32"E	197.00'
3122 - 3109	N00°32'28"W	33.00'
3109 - 3110	N67°40'06"E	36.02'
3110 - 362	N00°27'43"W	490.21'
3116 - 3112	N13°26'47"E	133.42'
3112 - 3100	N79°21'38"E	98.36'
3100 - 3099	N89°22'36"E	150.08'
3099 - 3098	N84°36'19"E	300.37'
3098 - 3097	N72°15'31"E	51.81'
3097 - 3127	N02°31'57"W	33.00'
3127 - 3119	N87°28'55"E	190.00'
3119 - 3096	N02°31'57"W	33.00'
3096 - 3093	S87°28'55"W	690.00'
3093 - 3090	N77°38'20"W	104.10'
3090 - 3089	N14°18'16"W	115.82'
59 - 57	N00°26'41"E	2651.15'
57 - 68	N00°27'43"W	2647.48'
61 - 3121	N89°27'32"E	2316.43'
3121 - 3122	N89°27'32"E	197.00'
3122 - 57	N89°27'32"E	93.39'
57 - 3127	N87°28'55"E	729.50'
3127 - 3119	N87°28'55"E	190.00'
3119 - 53	N87°28'55"E	1635.77'

REVISION DATE 5-14-13	DATE 1-29-13	SCALE, FEET 0 50 100	HWY: CTH R	STATE R/W PROJECT NUMBER 6998-12-00	PLAT SHEET 4.5
	GRID FACTOR N/A		COUNTY: PORTAGE	CONSTRUCTION PROJECT NUMBER 6998-12-70	PS&E SHEET 63 E

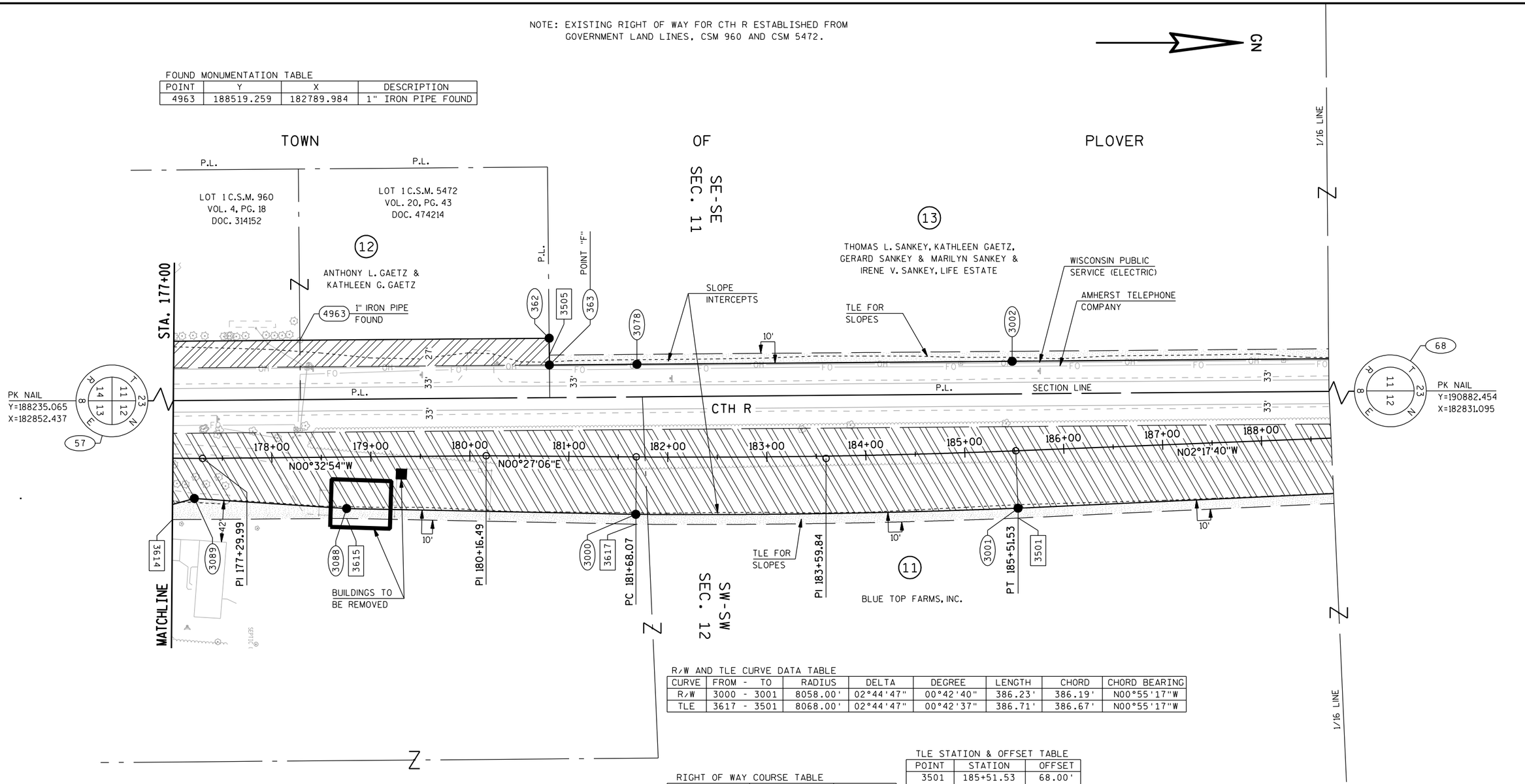
FILE NAME : L:\Work\Projects\94854\gra\porter-cthhh\040105_rw.dgn PLOT DATE : 5/17/2013 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 75

NOTE: EXISTING RIGHT OF WAY FOR CTH R ESTABLISHED FROM GOVERNMENT LAND LINES, CSM 960 AND CSM 5472.

FOUND MONUMENTATION TABLE

POINT	Y	X	DESCRIPTION
4963	188519.259	182789.984	1" IRON PIPE FOUND



PI STA 177+29.99
Y=188420.941
X=182909.520
DELTA = 01°00'00"

PI STA 180+16.49
Y=188707.421
X=182906.779
DELTA = 01°00'00"

PI STA 183+59.84
Y=189050.762
X=182909.486
DELTA = 02°44'47"
D = 00°42'58"
T = 191.76'
L = 383.45'
CH = 383.42'
CB = N00°55'17"W
R = 8000.00'

R/W AND TLE CURVE DATA TABLE

CURVE	FROM - TO	RADIUS	DELTA	DEGREE	LENGTH	CHORD	CHORD BEARING
R/W	3000 - 3001	8058.00'	02°44'47"	00°42'40"	386.23'	386.19'	N00°55'17"W
TLE	3617 - 3501	8068.00'	02°44'47"	00°42'37"	386.71'	386.67'	N00°55'17"W

RIGHT OF WAY COURSE TABLE

FROM - TO	BEARING	DISTANCE
3110 - 362	N00°27'43"W	490.21'
362 - 363	N89°27'32"E	27.00'
363 - 3003	N00°27'43"W	796.92'
363 - 3078	N00°27'43"W	88.43'
3078 - 3002	N00°27'43"W	379.02'
3002 - 3003	N00°27'43"W	329.47'
3090 - 3089	N14°18'16"W	115.82'
3089 - 3088	N03°47'04"E	154.15'
3088 - 3000	N01°08'45"E	292.17'
3000 - 3001	CURVE	
3001 - 3004	N02°38'52"W	648.49'
57 - 68	N00°27'43"W	2647.48'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3501	185+51.53	68.00'
3505	180+79.48	102.17'
3614	177+00.00	62.00'
3615	178+75.00	62.00'
3617	181+68.07	68.00'

TLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
363 - 3505	S89°27'32"W	10.00'
3505 - 3506	N00°27'43"W	796.77'
3614 - 3615	N00°22'24"W	176.08'
3615 - 3617	N01°08'44"E	291.99'
3617 - 3501	CURVE	
3501 - 3502	N02°38'52"W	648.43'

R/W STATION & OFFSET TABLE

POINT	STATION	OFFSET
362	180+79.19	119.16'
363	180+79.66	92.17'
3000	181+68.07	58.00'
3001	185+51.53	58.00'
3002	185+51.53	90.54'
3078	181+68.07	93.58'
3088	178+75.00	52.00'
3089	177+22.00	40.50'

R/W COORDINATE POINT TABLE

POINT	Y	X
362	188771.061	182788.114
363	188771.316	182815.113
3000	188858.548	182965.972
3001	189244.693	182959.762
3002	189238.746	182811.345
3078	188859.743	182814.400
3088	188566.439	182960.130
3089	188412.629	182949.955

REVISION DATE 5-14-13	DATE 1-29-13	SCALE: FEET 0 50 100	HWY: CTH R	STATE R/W PROJECT NUMBER 6998-12-00	PLAT SHEET 4.6
	GRID FACTOR N/A		COUNTY: PORTAGE	CONSTRUCTION PROJECT NUMBER 6998-12-70	PS&E SHEET 64 E

FILE NAME : L:\Work\Projects\94854\gra\porter-cthhh\040106_rw.dgn PLOT DATE : 5/17/2013 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 75

NOTE: EXISTING RIGHT OF WAY FOR CTH R ESTABLISHED FROM GOVERNMENT LAND LINES, CSM 5858 AND CSM 5859.

GN

FOUND MONUMENTATION TABLE

POINT	Y	X	DESCRIPTION
825	190882.010	182771.062	1" IRON PIPE FOUND

PLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3657	200+56.23	87.20'
3658	200+46.23	87.07'
3659	200+46.34	78.08'
3660	200+56.34	78.21'
3662	190+59.06	89.23'
3663	190+49.06	89.22'
3664	190+49.07	80.22'
3665	190+59.07	80.23'

PLE COORDINATE POINT TABLE

POINT	Y	X
3657	190746.514	182763.197
3658	190736.514	182763.277
3659	190736.586	182772.269
3660	190746.586	182772.188
3662	189745.927	182792.328
3663	189735.936	182792.741
3664	189736.308	182801.733
3665	189746.299	182801.319

4

1/16 LINE

TOWN OF PLOVER

PLE FOR HYDRANT

THOMAS L. SANKEY, KATHLEEN GAETZ, GERARD SANKEY & MARILYN SANKEY & IRENE V. SANKEY, LIFE ESTATE

(13)

VILLAGE OF PLOVER

LOT 1 C.S.M. 5859
VOL. 21, PG. 175
DOC. 492856

LOT 1 C.S.M. 5858
VOL. 21, PG. 174
DOC. 492855

(14)

MARILYN SANKEY

NE-SE SEC. 11

(16)

GERARD SANKEY & DAWN SANKEY

(13)

(40)

WISCONSIN PUBLIC SERVICE (ELECTRIC)

AMHERST TELEPHONE COMPANY

TLE FOR SLOPES

1" IRON PIPE FOUND

HARRISON MON.
Y=190845.242
X=177599.201

1/4 LINE

PK NAIL
Y=188235.065
X=182852.437

(57)

(68)

PK NAIL
Y=190882.454
X=182831.095

(62)

(70)

HARRISON MON.
Y=191116.740
X=187935.881

CTH R

SECTION LINE

N02°17'40"W

N00°17'08"E

SLOPE INTERCEPTS

(11)

BLUE TOP FARMS, INC.

TOWN OF PLOVER

NW-SW SEC. 12

PC 196+80.00

PI 198+60.16

PT 200+40.25

PI STA 198+60.16
Y=190549.953
X=182849.417
DELTA = 02°34'48"
D = 00°42'58"
T = 180.16'
L = 360.25'
CH = 360.22'
CB = N01°00'16"W
R = 8000.00'

R/W COURSE TABLE

FROM - TO	BEARING	DISTANCE
363 - 3003	N00°27'43"W	796.92'
3003 - 346	N02°22'10"W	811.09'
346 - 333	N00°27'43"W	503.44'
3003 - 3079	N02°22'10"W	799.17'
3079 - 346	N02°22'10"W	11.92'
346 - 3082	N00°27'43"W	351.90'
3082 - 333	N00°27'43"W	151.54'
3001 - 3004	N02°38'52"W	648.49'
3004 - 3030	N01°18'56"W	1097.39'
3004 - 3026	N01°18'56"W	993.71'
3004 - 3080	N01°18'56"W	480.07'
3080 - 3081	N01°18'56"W	357.47'
3081 - 3026	N01°18'56"W	156.17'
3081 - 3030	N01°18'56"W	259.85'
57 - 68	N00°27'43"W	2647.48'
62 - 333	N89°35'33"E	5172.03'
333 - 68	N89°35'33"E	60.00'
68 - 3026	N87°22'20"E	75.97'
3026 - 70	N87°22'20"E	5034.19'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3502	191+99.95	64.00'
3504	201+96.87	65.89'
3506	188+80.99	90.00'
3507	196+91.94	91.07'
3511	201+91.66	89.97'

TLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
3505 - 3506	N00°27'43"W	796.77'
3506 - 3507	N02°22'10"W	811.09'
3507 - 3511	N00°27'43"W	503.62'
3511 - 333	N89°35'33"E	10.00'
3501 - 3502	N02°38'52"W	648.43'
3502 - 3504	N01°18'56"W	993.83'
3504 - 3026	S87°22'20"W	10.00'

R/W STATION & OFFSET TABLE

POINT	STATION	OFFSET
333	201+91.78	79.97'
346	196+91.80	81.07'
3003	188+80.83	80.00'
3004	192+00.00	54.00'
3026	201+96.36	55.90'
3079	196+80.00	81.05'
3080	196+80.00	62.20'
3081	200+40.25	60.26'
3082	200+40.25	78.00'

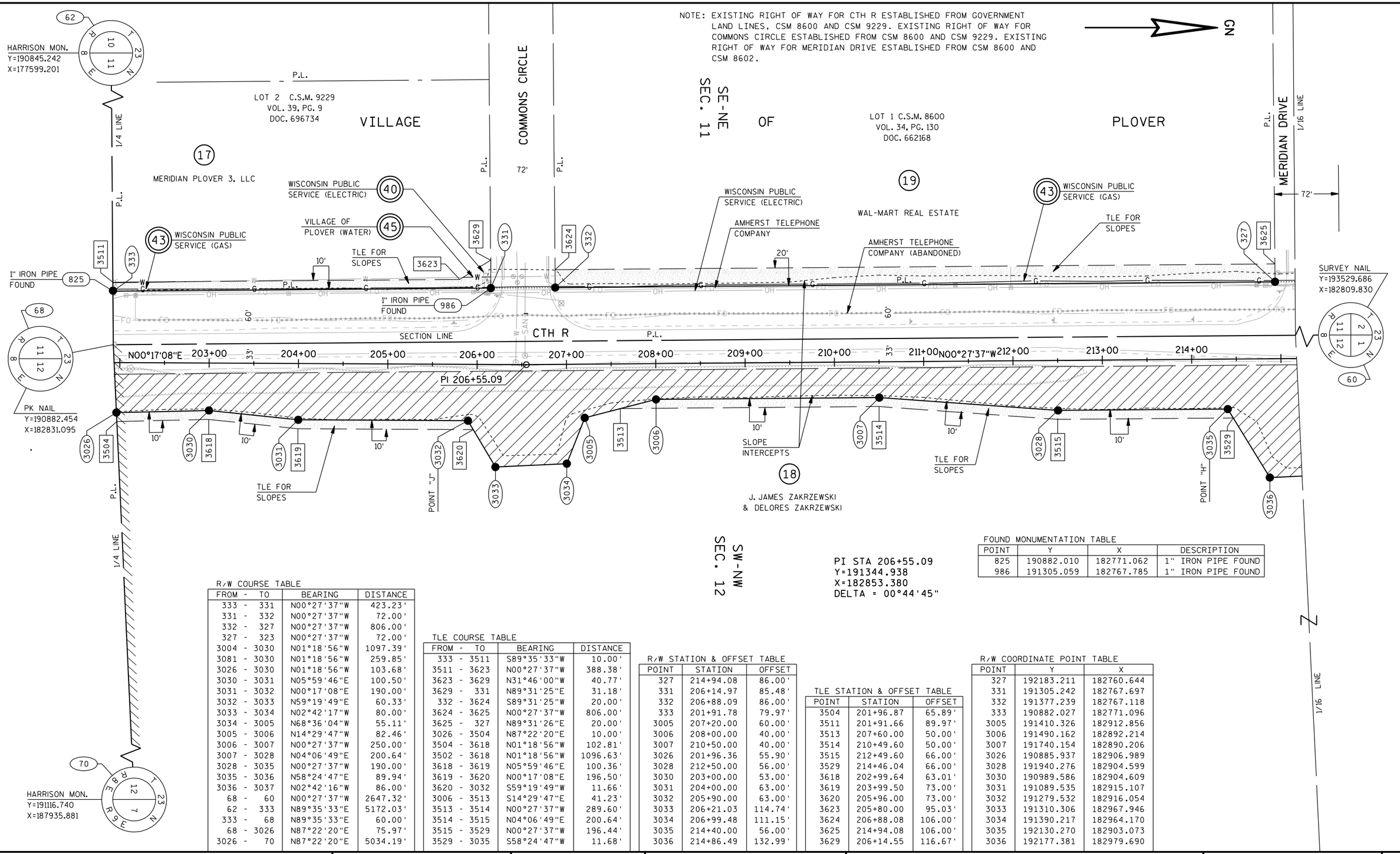
R/W COORDINATE POINT TABLE

POINT	Y	X
346	190378.602	182775.155
333	190882.027	182771.096
3003	189568.210	182808.689
3004	189892.486	182929.803
3026	190885.937	182906.989
3079	190366.697	182775.647
3080	190372.432	182918.782
3081	190729.806	182910.575
3082	190730.495	182772.318

PLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
3003 - 3664	N02°22'10"W	168.24'
3664 - 3663	S87°37'50"W	9.00'
3663 - 3662	N02°22'10"W	10.00'
3662 - 3665	N87°37'50"E	9.00'
3665 - 3664	S02°22'10"E	10.00'
333 - 3660	S00°27'43"E	135.45'
3660 - 3659	S00°27'43"E	10.00'
3659 - 3658	S89°32'17"W	8.99'
3658 - 3657	N00°27'43"W	10.00'
3657 - 3660	N89°32'17"E	8.99'

REVISION DATE 5-14-13	DATE 1-29-13	SCALE, FEET 0 50 100	HWY: CTH R	STATE R/W PROJECT NUMBER 6998-12-00	PLAT SHEET 4.7
	GRID FACTOR N/A		COUNTY: PORTAGE	CONSTRUCTION PROJECT NUMBER 6998-12-70	PS&E SHEET 65 E



R/W COURSE TABLE

FROM - TO	BEARING	DISTANCE
333 - 331	N00°27'37"W	423.23'
331 - 332	N00°27'37"W	72.00'
332 - 327	N00°27'37"W	806.00'
327 - 323	N00°27'37"W	72.00'
3004 - 3030	N01°18'56"W	1097.39'
3081 - 3030	N01°18'56"W	259.85'
3026 - 3030	N01°18'56"W	103.68'
3030 - 3031	N05°59'46"E	100.50'
3031 - 3032	N00°17'08"E	190.00'
3032 - 3033	N59°19'49"E	60.33'
3033 - 3034	N02°42'17"W	80.00'
3034 - 3005	N68°36'04"W	55.11'
3005 - 3006	N14°29'47"W	82.46'
3006 - 3007	N00°27'37"W	250.00'
3007 - 3028	N04°06'49"E	200.64'
3028 - 3035	N00°27'37"W	190.00'
3035 - 3036	N58°24'47"E	89.94'
3036 - 3037	N02°42'16"W	86.00'
68 - 60	N00°27'37"W	2647.32'
62 - 333	N89°35'33"E	5172.03'
333 - 68	N89°35'33"E	60.00'
68 - 3026	N87°22'20"E	75.97'
3026 - 70	N87°22'20"E	5034.19'

TLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
333 - 3511	S89°35'33"W	10.00'
3511 - 3623	N00°27'37"W	388.38'
3623 - 3629	N31°46'00"W	40.77'
3629 - 331	N89°31'25"E	31.18'
332 - 3624	S89°31'25"W	20.00'
3624 - 3625	N00°27'37"W	806.00'
3625 - 327	N89°31'26"E	20.00'
3026 - 3504	N87°22'20"E	10.00'
3504 - 3618	N01°18'56"W	102.81'
3502 - 3618	N01°18'56"W	1096.63'
3618 - 3619	N05°59'46"E	100.36'
3619 - 3620	N00°17'08"E	196.50'
3620 - 3032	S59°19'49"W	11.66'
3006 - 3513	S14°29'47"E	41.23'
3513 - 3514	N00°27'37"W	289.60'
3514 - 3515	N04°06'49"E	200.64'
3515 - 3529	N00°27'37"W	196.44'
3529 - 3035	S58°24'47"W	11.68'

R/W STATION & OFFSET TABLE

POINT	STATION	OFFSET
327	214+94.08	86.00'
331	206+14.97	85.48'
332	206+88.09	86.00'
333	201+91.78	79.97'
3005	207+20.00	60.00'
3006	208+00.00	40.00'
3007	210+50.00	40.00'
3026	201+96.36	55.90'
3028	212+50.00	56.00'
3030	203+00.00	53.00'
3031	204+00.00	63.00'
3032	205+90.00	63.00'
3033	206+21.03	114.74'
3034	206+99.48	111.15'
3035	214+40.00	56.00'
3036	214+86.49	132.99'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3504	201+96.87	65.89'
3511	201+91.66	89.97'
3513	207+60.00	50.00'
3514	210+49.60	50.00'
3515	212+49.60	66.00'
3529	214+46.04	66.00'
3618	202+99.64	63.01'
3619	203+99.50	73.00'
3620	205+96.00	73.00'
3623	205+80.00	95.03'
3624	206+88.08	106.00'
3625	214+94.08	106.00'
3629	206+14.55	116.67'

R/W COORDINATE POINT TABLE

POINT	Y	X
327	192183.211	182760.644
331	191305.242	182767.697
332	191377.239	182767.118
333	190882.027	182771.096
3005	191410.326	182912.856
3006	191490.162	182892.214
3007	191740.154	182890.206
3026	190885.937	182906.989
3028	191940.276	182904.599
3030	190989.586	182904.609
3031	191089.535	182915.107
3032	191279.532	182916.054
3033	191310.306	182967.946
3034	191390.217	182964.170
3035	192130.270	182903.073
3036	192177.381	182979.690

FOUND MONUMENTATION TABLE

POINT	Y	X	DESCRIPTION
825	190882.010	182771.062	1" IRON PIPE FOUND
986	191305.059	182767.785	1" IRON PIPE FOUND

REVISION DATE 5-14-13 N.C.	DATE 1-29-13	SCALE, FEET 0 50 100	HWY: CTH R	STATE R/W PROJECT NUMBER 6998-12-00	PLAT SHEET 4.8
	GRID FACTOR N/A		COUNTY: PORTAGE	CONSTRUCTION PROJECT NUMBER 6998-12-70	PS&E SHEET 66 E

NOTE: EXISTING RIGHT OF WAY FOR CTH R ESTABLISHED FROM GOVERNMENT LAND LINES AND A RIGHT OF WAY PLAT FOR THE CTH HH/CTH R INTERSECTION DATED 3/15/10 AND A CONSTRUCTION ID 6998-10-70/71. EXISTING RIGHT OF WAY FOR MERIDIAN DRIVE ESTABLISHED FROM CSM 8602.

GN

VILLAGE OF PLOVER

NE-NE SEC. 11

LOT 3 C.S.M. 8602
VOL. 34, PG. 132
DOC. 662170

21 LOWES HOME CENTERS, INC.

1/16 LINE

MERIDIAN DRIVE

P.L.

72'

323

3630

TLE FOR SLOPES

20'

60'

AMHERST TELEPHONE COMPANY (ABANDONED)

43 WISCONSIN PUBLIC SERVICE (GAS)

3648

3649

WISCONSIN PUBLIC SERVICE (ELECTRIC)

AMHERST TELEPHONE COMPANY

3136

68

T 23 N R 8 E 11 12

PK NAIL
Y=190882.454
X=182831.095

SECTION LINE

N01°09'11"W

N00°27'37"W

3137

216+00

217+00

N00°27'37"W

218+00

219+00

N01°09'15"W

220+00

PI 220+91.87

T 23 N R 8 E 11 12 2 1

60

SURVEY NAIL
Y=193529.686
X=182809.830

74'

P.L.

10'

3130

3533

3131

10'

62.50'

SLOPE INTERCEPTS

PI 218+82.26

3132

3534

10'

PI 220+00.00

PI 220+47.30

3554

3135

POINT "G"

TLE FOR SLOPES

END RELOCATION ORDER
STA. 220+70
Y=192759.772
X=182840.016

3532

3037

18 J. JAMES ZAKRZEWSKI & DELORES ZAKRZEWSKI

PI STA 218+82.26
Y=192572.069
X=182843.522
DELTA = 00°41'38"

PI STA 220+00.00
Y=192689.784
X=182841.151
DELTA = 00°00'04"

PI STA 220+47.30
Y=192737.074
X=182840.199
DELTA = 00°41'34"

PI STA 220+91.87
Y=192781.640
X=182839.841

N

1/16 LINE

NW-NW SEC. 12

TOWN OF PLOVER

R/W COURSE TABLE

FROM - TO	BEARING	DISTANCE
327 - 323	N00°27'37"W	72.00'
323 - 3136	N00°27'37"W	503.90'
3136 - 3137	N89°32'23"E	60.00'
3036 - 3037	N02°42'16"W	86.00'
3037 - 3130	N70°10'57"W	79.56'
3130 - 3131	N05°36'11"W	100.40'
3131 - 3132	N00°16'43"W	275.58'
3132 - 3135	N06°35'04"W	94.96'
3135 - 3137	S89°32'23"W	62.74'
68 - 3137	N00°27'37"W	1877.19'
3137 - 60	N00°27'37"W	770.13'
68 - 60	N00°27'37"W	2647.31'

TLE COURSE TABLE

FROM - TO	BEARING	DISTANCE
323 - 3630	S89°31'26"W	20.00'
3630 - 3648	N00°27'37"W	382.64'
3648 - 3649	N88°50'45"E	20.00'
3649 - 323	S00°27'37"E	382.88'
3130 - 3532	S70°10'57"E	11.07'
3532 - 3533	N05°36'11"W	104.69'
3533 - 3534	N00°16'43"W	275.66'
3534 - 3554	N06°35'04"W	94.43'
3554 - 3135	S89°32'23"W	10.06'

R/W COORDINATE POINT TABLE

POINT	Y	X
323	192255.209	182760.066
3037	192263.285	182975.632
3130	192290.257	182900.788
3131	192390.181	182890.985
3132	192665.754	182889.644
3135	192760.083	182878.756
3136	192759.097	182756.018

R/W STATION & OFFSET TABLE

POINT	STATION	OFFSET
3037	215+72.43	129.62'
3130	216+00.00	55.00'
3131	217+00.00	46.00'
3132	219+75.00	48.00'
3135	220+70.00	38.74'
3136	220+70.00	84.00'

TLE STATION & OFFSET TABLE

POINT	STATION	OFFSET
3532	215+96.16	65.39'
3533	217+00.43	56.00'
3534	219+75.40	58.01'
3554	220+70.00	48.80'
3630	215+66.08	106.00'
3648	219+50.00	105.19'
3649	219+50.00	85.18'

REVISION DATE
5-14-13 N.C.

DATE 1-29-13

GRID FACTOR N/A

SCALE, FEET
0 50 100

HWY: CTH R

COUNTY: PORTAGE

STATE R/W PROJECT NUMBER 6998-12-00

CONSTRUCTION PROJECT NUMBER 6998-12-70

PLAT SHEET 4.9

PS&E SHEET 67

E

FILE NAME : L:\Work\Projects\94854\gra\porter-cthhh\040109_rw.dgn PLOT DATE : 5/17/2013 PLOT BY : $$...plotuser...$$ PLOT NAME : PLOT SCALE : 1:100

WISDOT/CADDS SHEET 75

STA 162+02 LT
CONSTRUCT ASPHALT PE
SAWCUT REQUIRED

STA 165+19 LT
CONSTRUCT ASPHALT PE
SAWCUT REQUIRED

SLOPE INTERCEPT

CHARTER CABLE
FIBER OPTIC

TLE

R/W

REMOVE TREE (BY OTHERS)
(TYP)

CTH R

MATCHLINE STA. 167+00

-00 162+00 163+00 164+00 165+00 166+00

BM 1

WPS-ELEC

AT&T
TELEPHONE

SLOPE INTERCEPT

BEGIN PROJECT 6998-12-70

STA 161+82.76
MATCH EXISTING - SAWCUT REQUIRED
Y=186,875.17
X=182,852.81

BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
1	163+23 RT	TOP OF 4" SQUARE STEEL PLATE AT NW CORNER OF IRRIGATION PIVOT E SIDE OF CTH R	1093.57

P.I. 161+82.76
EL. 1094.16

PROPOSED PROFILE ℄ REFERENCE LINE

0.30%

EXISTING GROUND ℄ REFERENCE LINE

1105 1100 1095 1090 1085 1080

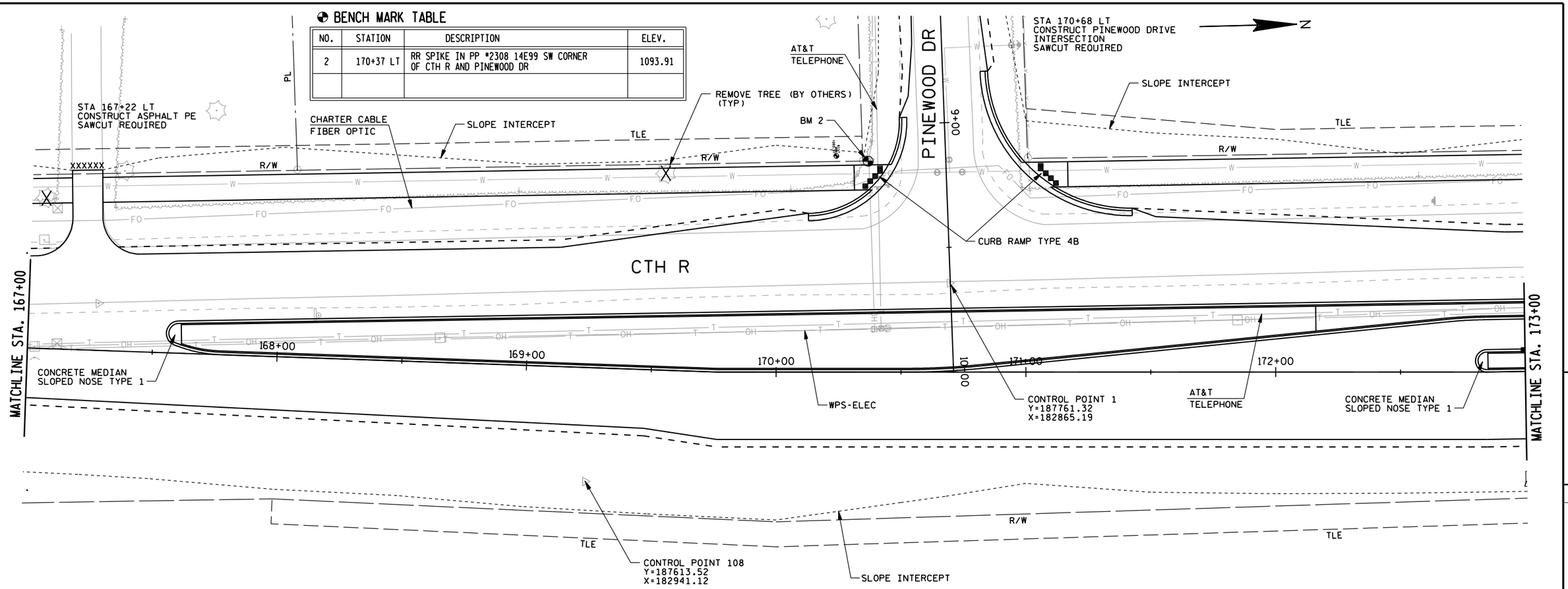
1094.1 1094.3 1094.21 1094.5 1094.36 1094.6 1094.51 1094.7 1094.66 1094.6 1094.81 1094.5 1094.96 1094.3 1095.11 1094.3 1095.26 1094.1 1095.41 1094.4 1095.56 1094.6 1095.71

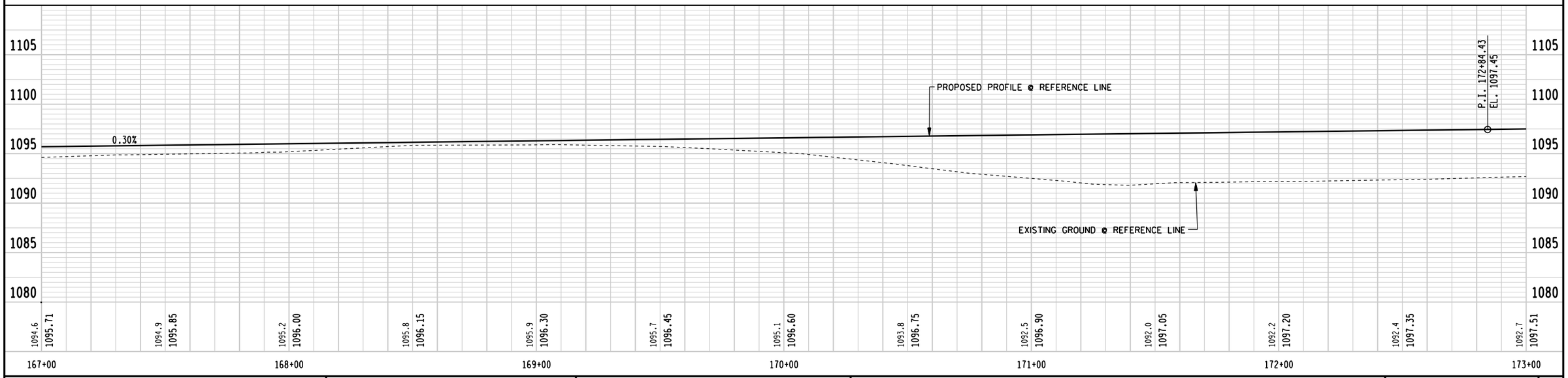
161+00 162+00 163+00 164+00 165+00 166+00 167+00

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 68	E

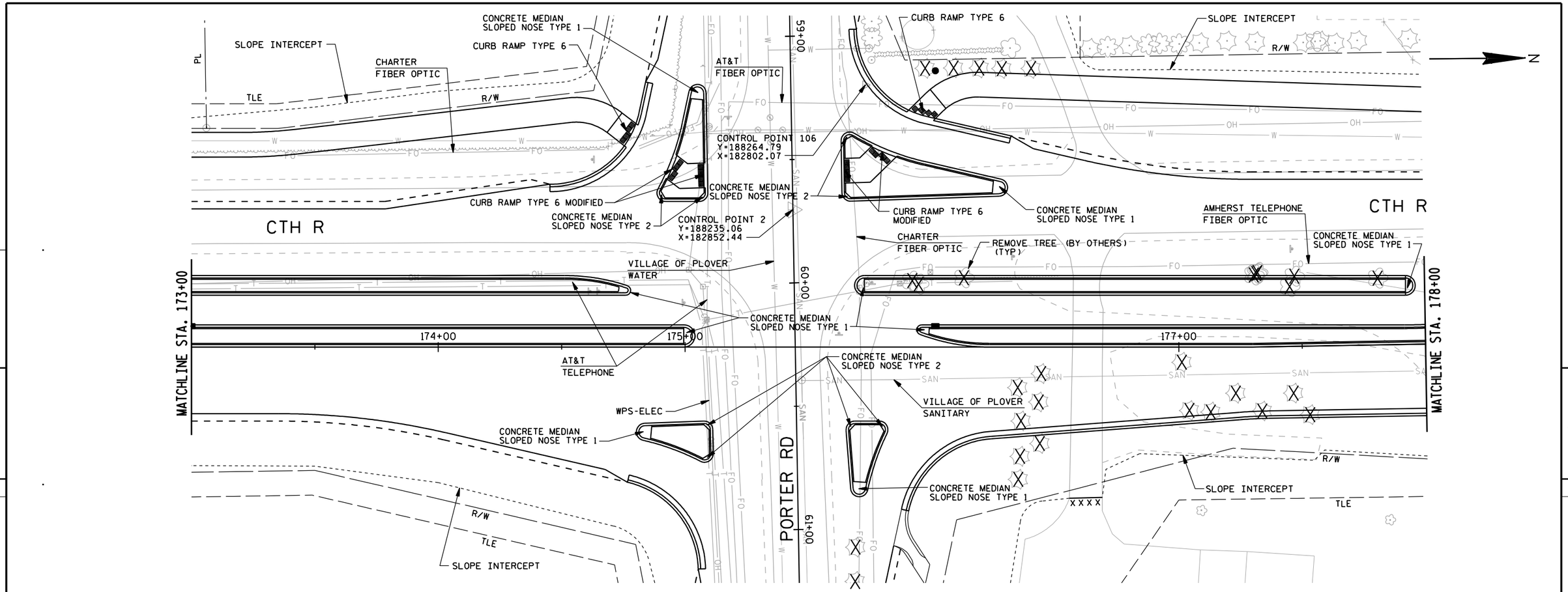
BENCH MARK TABLE

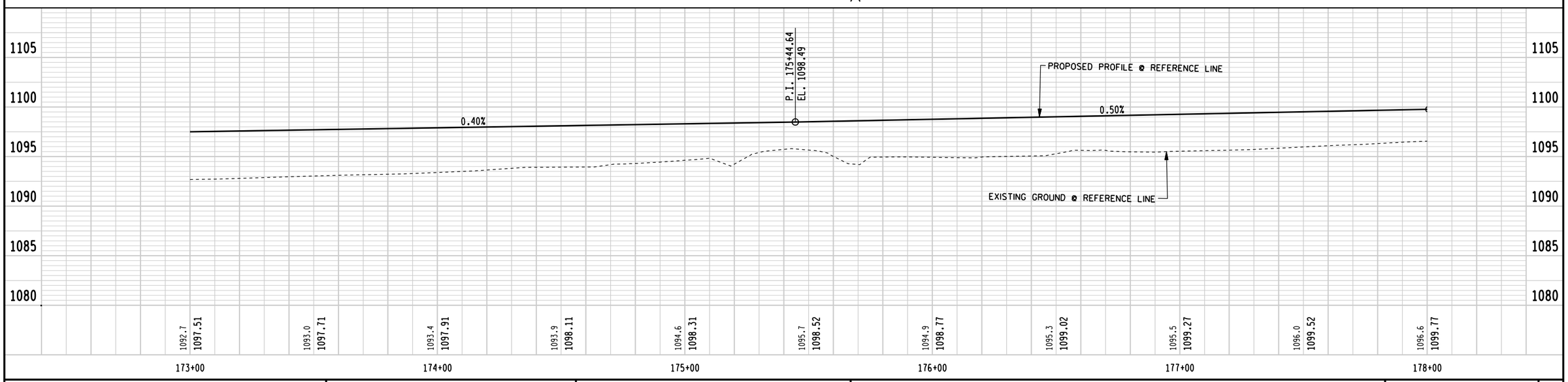
NO.	STATION	DESCRIPTION	ELEV.
2	170+37 LT	RR SPIKE IN PP "2308 14E99 SW CORNER OF CTH R AND PINEWOOD DR	1093.91





PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 69	E





PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 70	E

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PLOT DATE: 11/21/2013
PLOT TIME: 9:09:41 AM
PLOT SCALE: 1:39.9999
WISDOT/CADDS SHEET 40

STA 180+09 LT
CONSTRUCT ASPHALT PE

PL

R/W

WPS-ELEC

AT&T
FIBER OPTIC

N

AMHERST TELEPHONE
FIBER OPTIC

SLOPE INTERCEPT

TLE

R/W

REMOVE TREE (BY OTHERS)
(TYP)

CTH R

MATCHLINE STA. 178+00

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

R/W

TLE

SLOPE INTERCEPT

PL

P.C. 178+00.72
EL. 1099.77

P.I. 178+60.72
EL. 1100.07

HIGH PT. 178+75.59
EL. 1099.96

P.T. 179+20.72
EL. 1099.89

SSD=1407'
K=150
120' V.C.

-0.30%

PROPOSED PROFILE @ REFERENCE LINE

EXISTING GROUND @ REFERENCE LINE

P.C. 182+90.00
EL. 1098.78

LOW PT. 183+34.91
EL. 1098.71

P.I. 183+50.00
EL. 1098.60

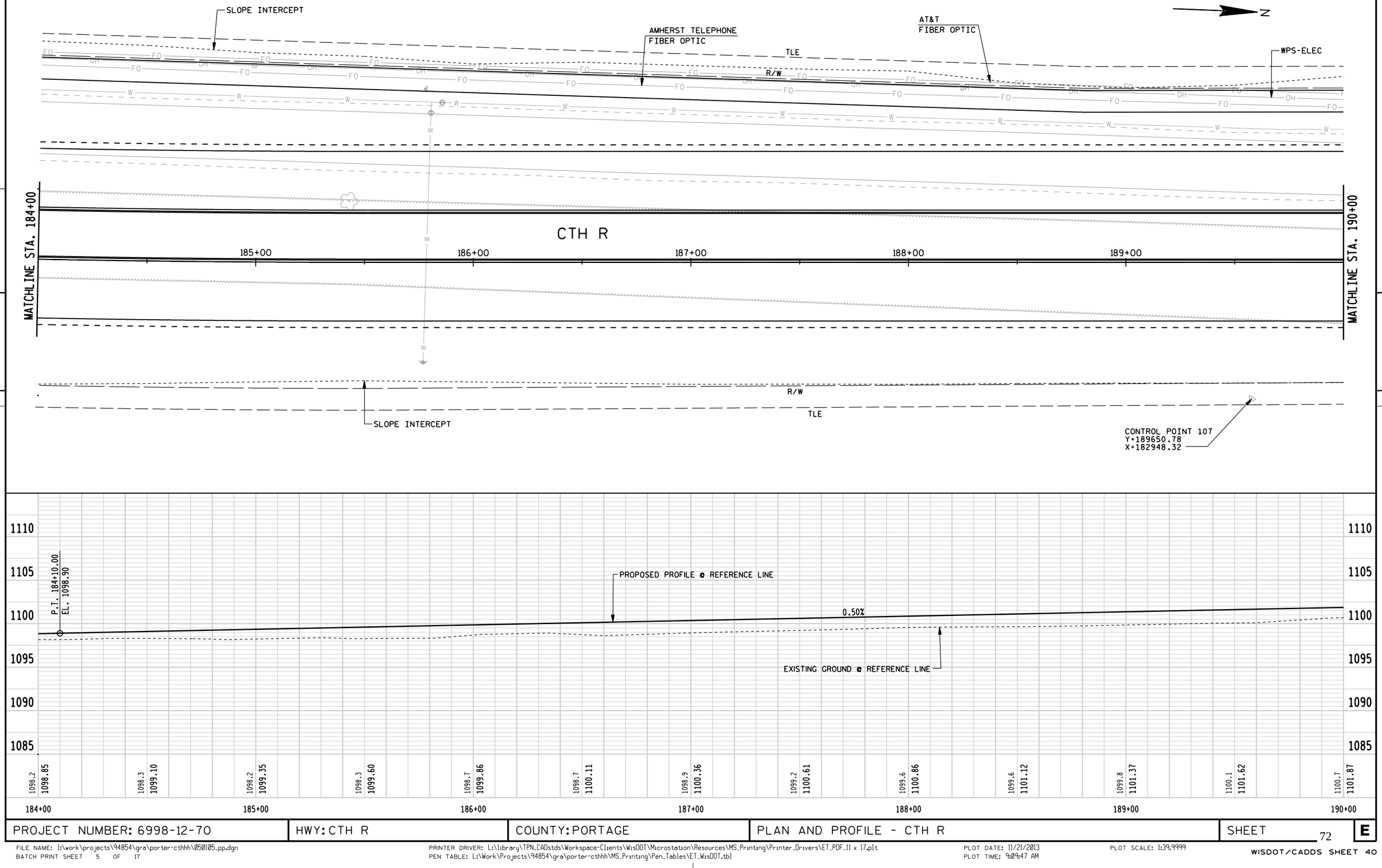
K=149
120' V.C.

1110 1105 1100 1095 1090 1085

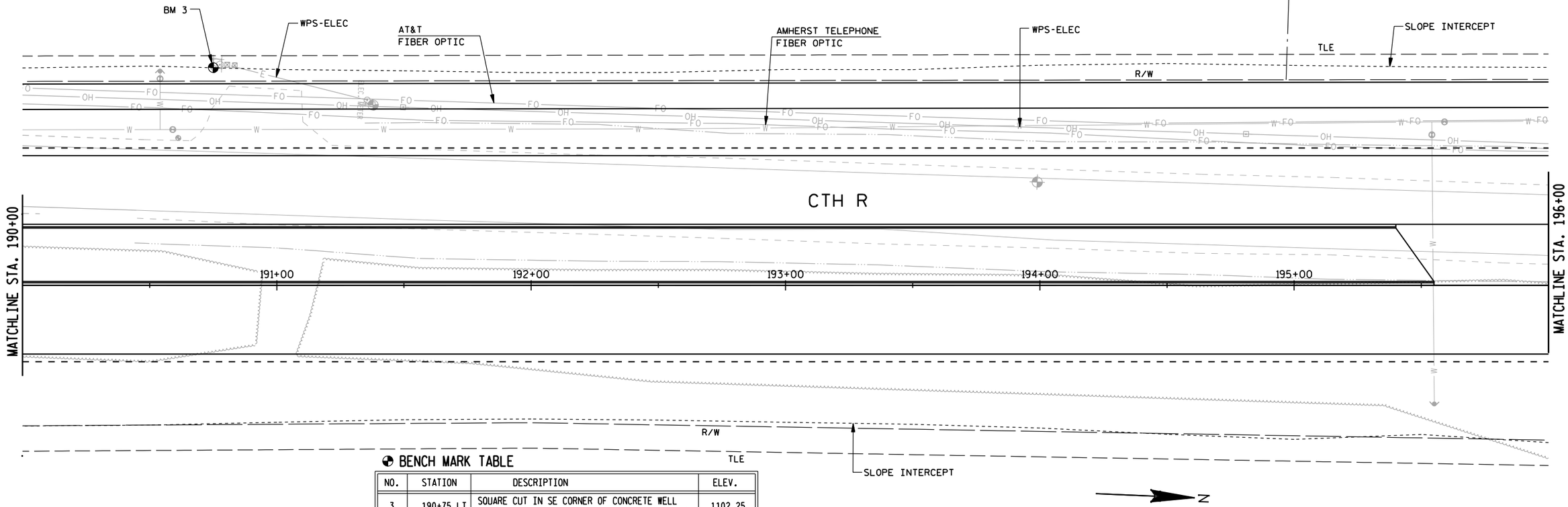
1096.6 1099.77 1099.87 1096.8 1099.94 1099.96 1097.1 1099.94 1099.88 1098.0 1099.80 1098.4 1099.65 1099.1 1099.50 1098.8 1099.35 1098.1 1099.20 1097.7 1099.05 1097.6 1098.90 1097.6 1098.75 1098.71 1097.7 1098.72 1098.76 1098.2 1098.85

178+00 179+00 180+00 181+00 182+00 183+00 184+00

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 71	E

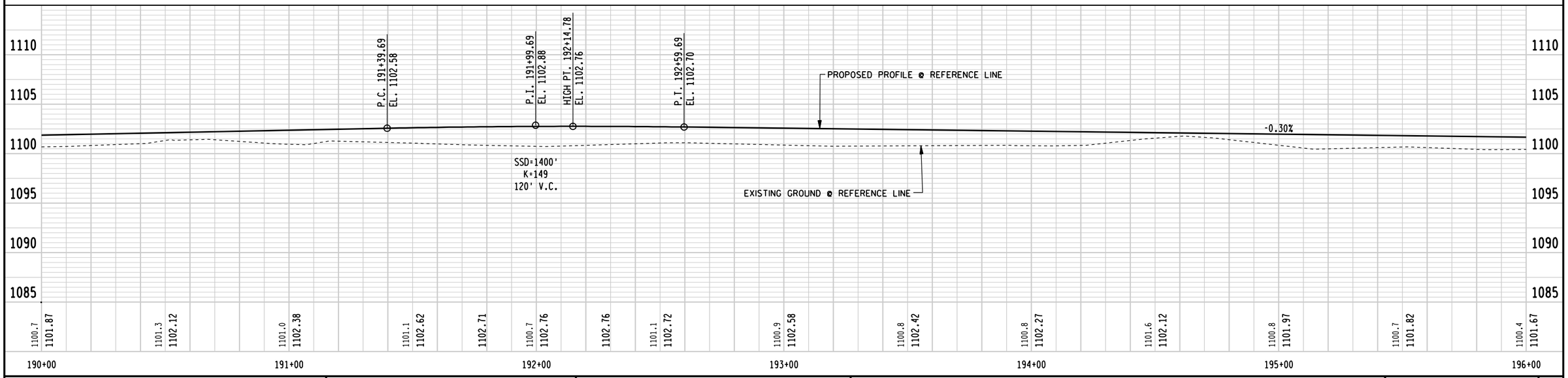


PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 72	E

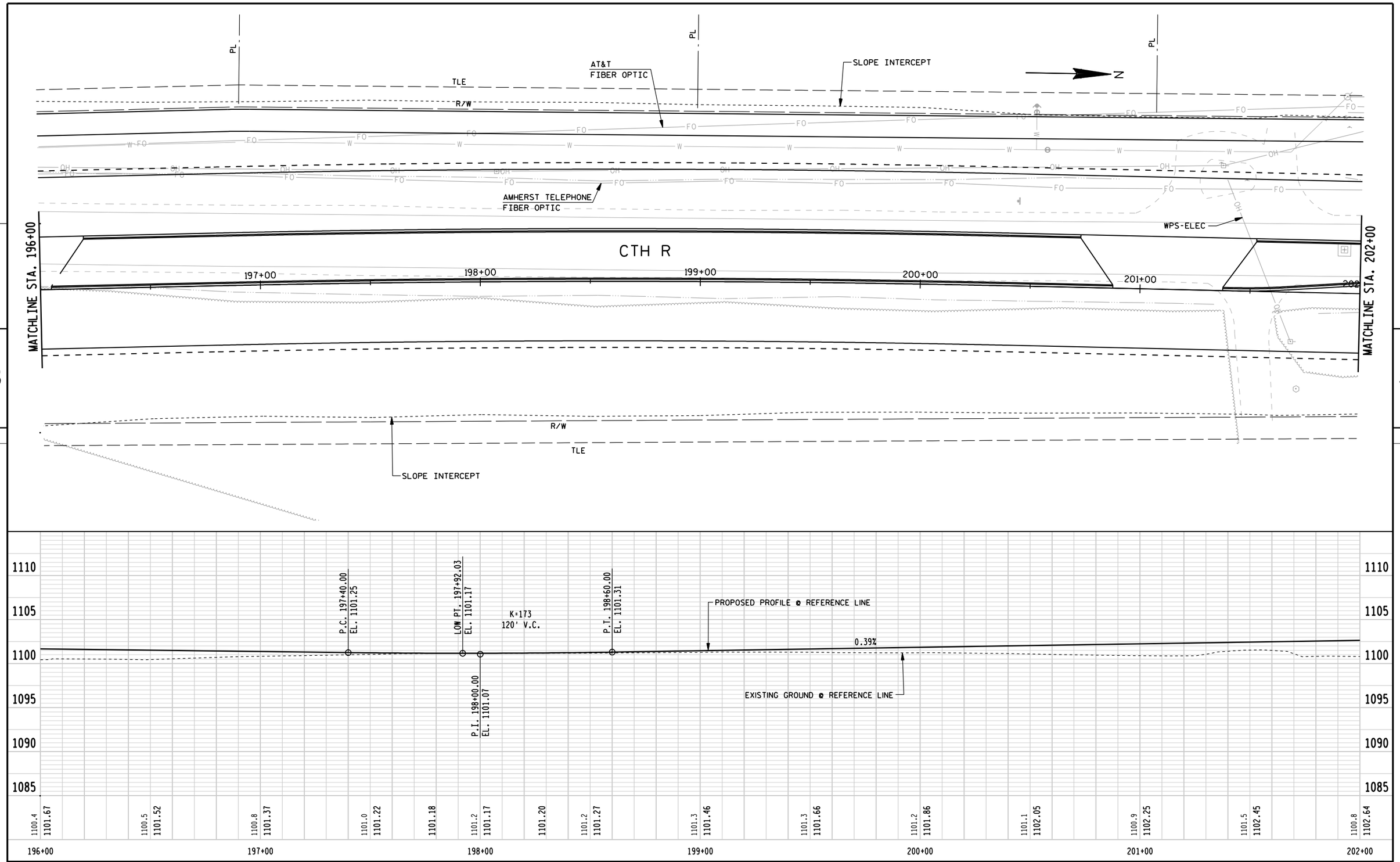


BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
3	190+75 LT	SQUARE CUT IN SE CORNER OF CONCRETE WELL PUMP W SIDE OF CTH R 1400'± N OF PORTER RD	1102.25



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 73	E



5

5

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 74	E

FILE NAME: I:\work\projects\94854\gra\porter-cthhh\050107_pp.dgn
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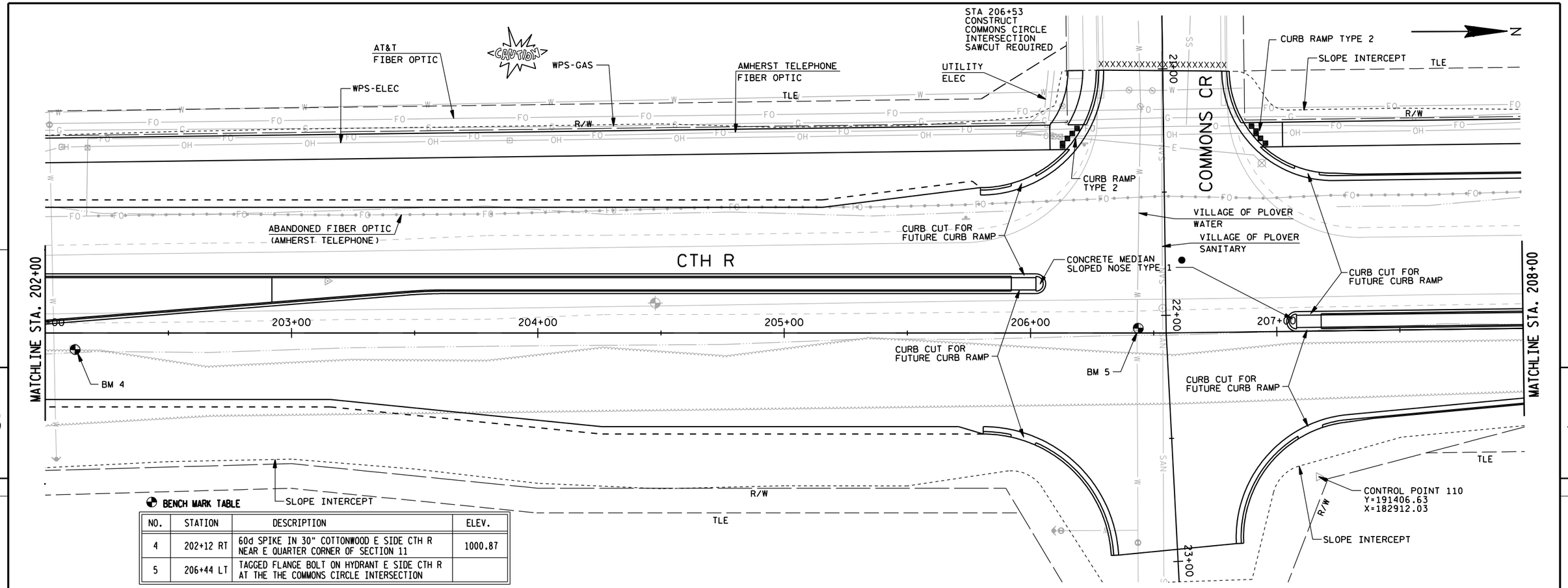
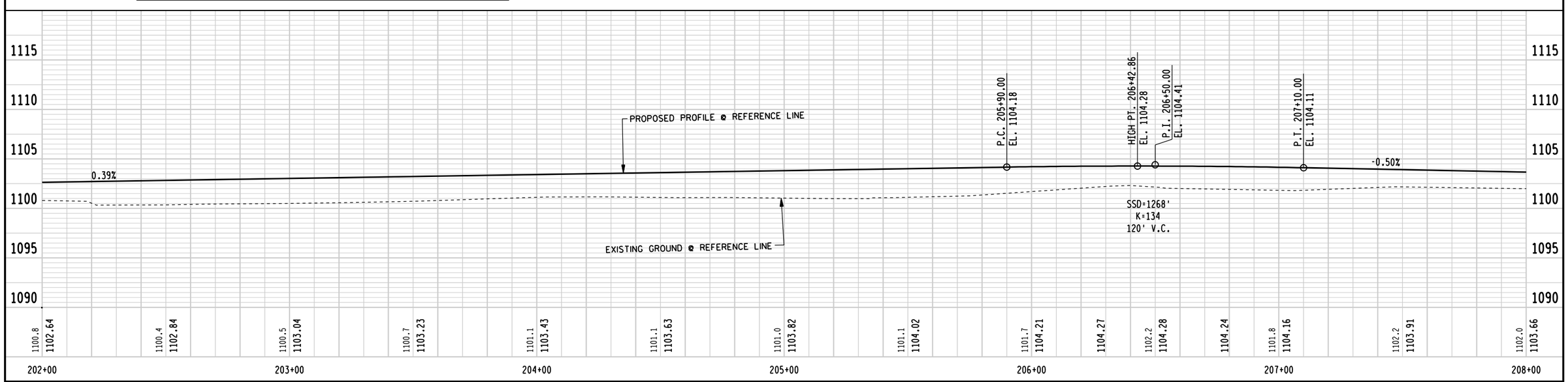
PLOT DATE: 11/21/2013
PLOT TIME: 9:09:52 AM
PLOT SCALE: 1:39.9999
WISDOT/CADDS SHEET 40

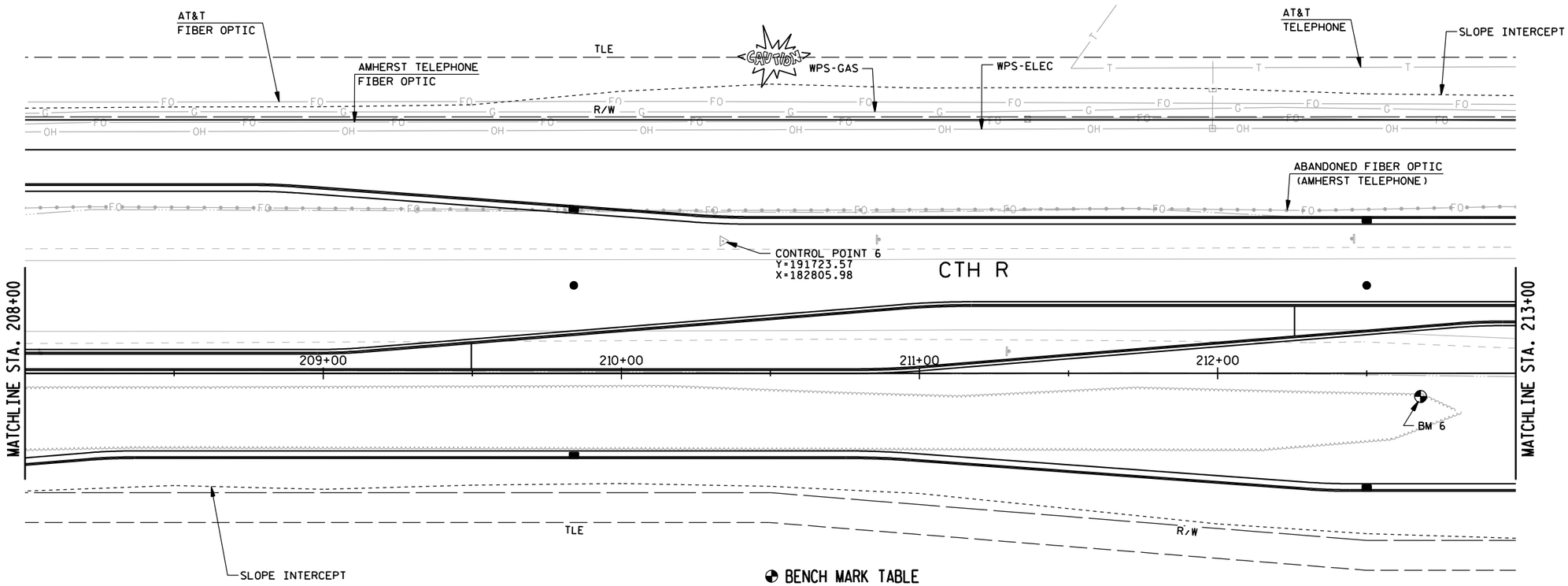


BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
4	202+12 RT	60d SPIKE IN 30" COTTONWOOD E SIDE CTH R NEAR E QUARTER CORNER OF SECTION 11	1000.87
5	206+44 LT	TAGGED FLANGE BOLT ON HYDRANT E SIDE CTH R AT THE THE COMMONS CIRCLE INTERSECTION	



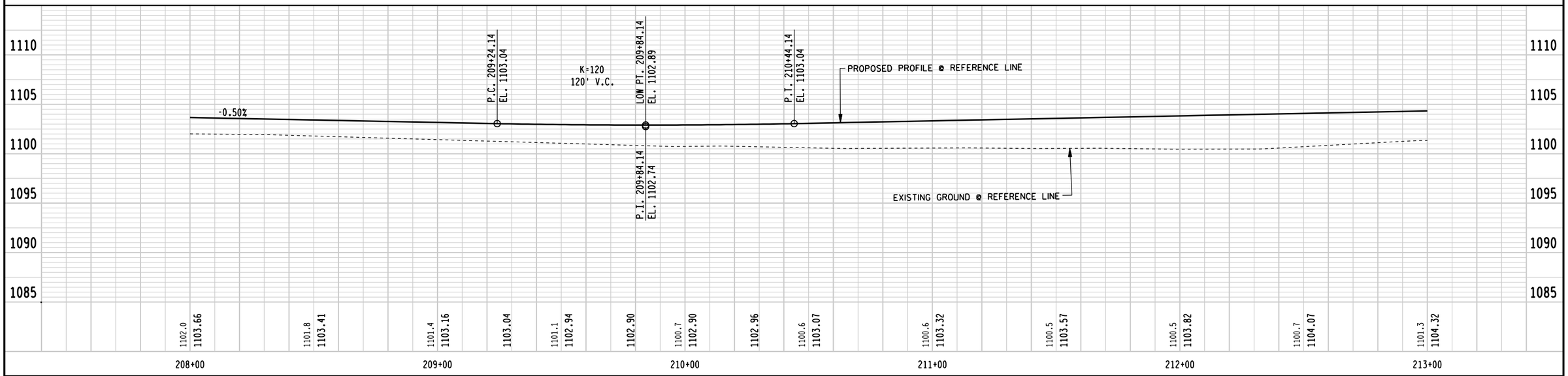
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 75	E



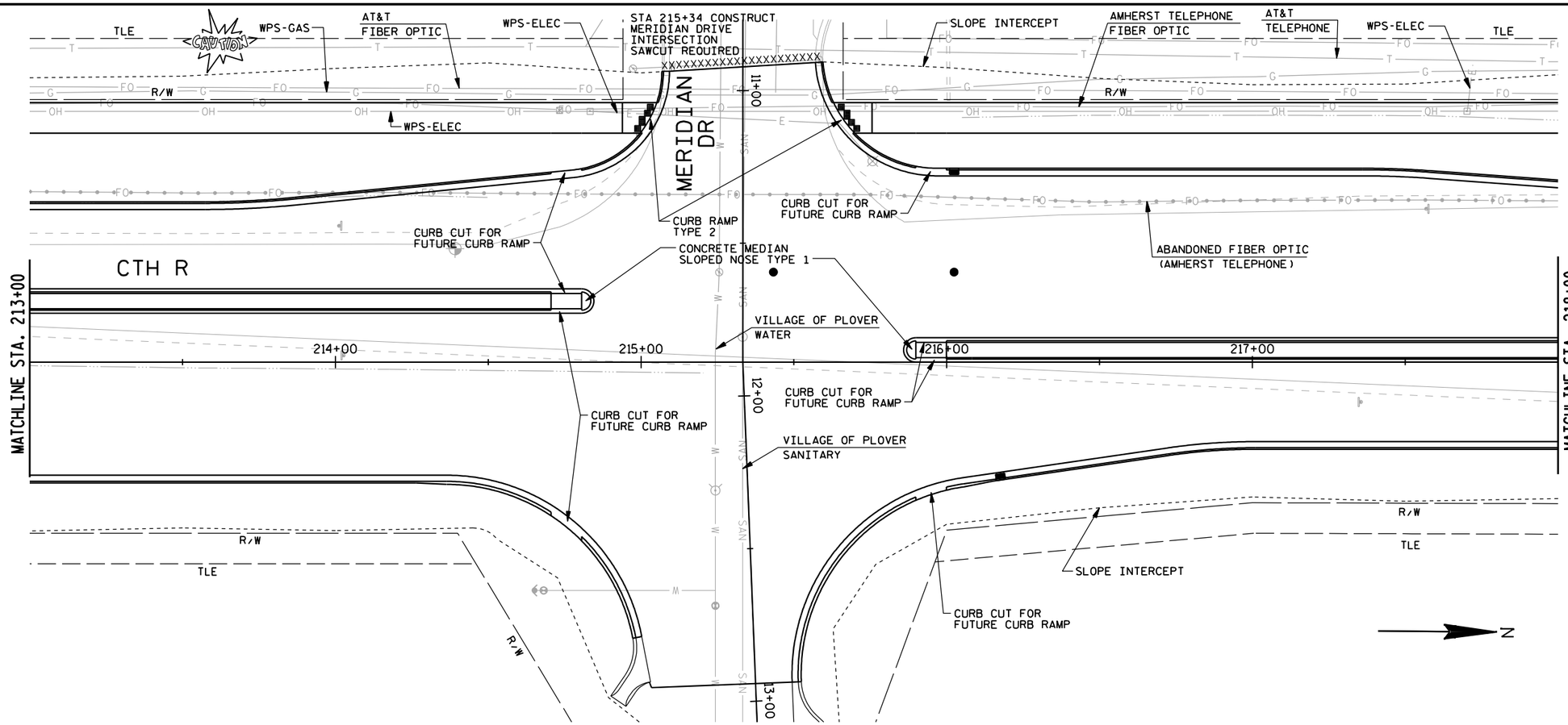
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
6	212+68 RT	60d SPIKE IN NORTHERN MOST PINE TREE IN PINE ROW E SIDE CTH R ACROSS FROM WALMART	1102.92

N



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 76	E



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 77	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\050110_pp.dgn
BATCH PRINT SHEET 10 OF 17
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
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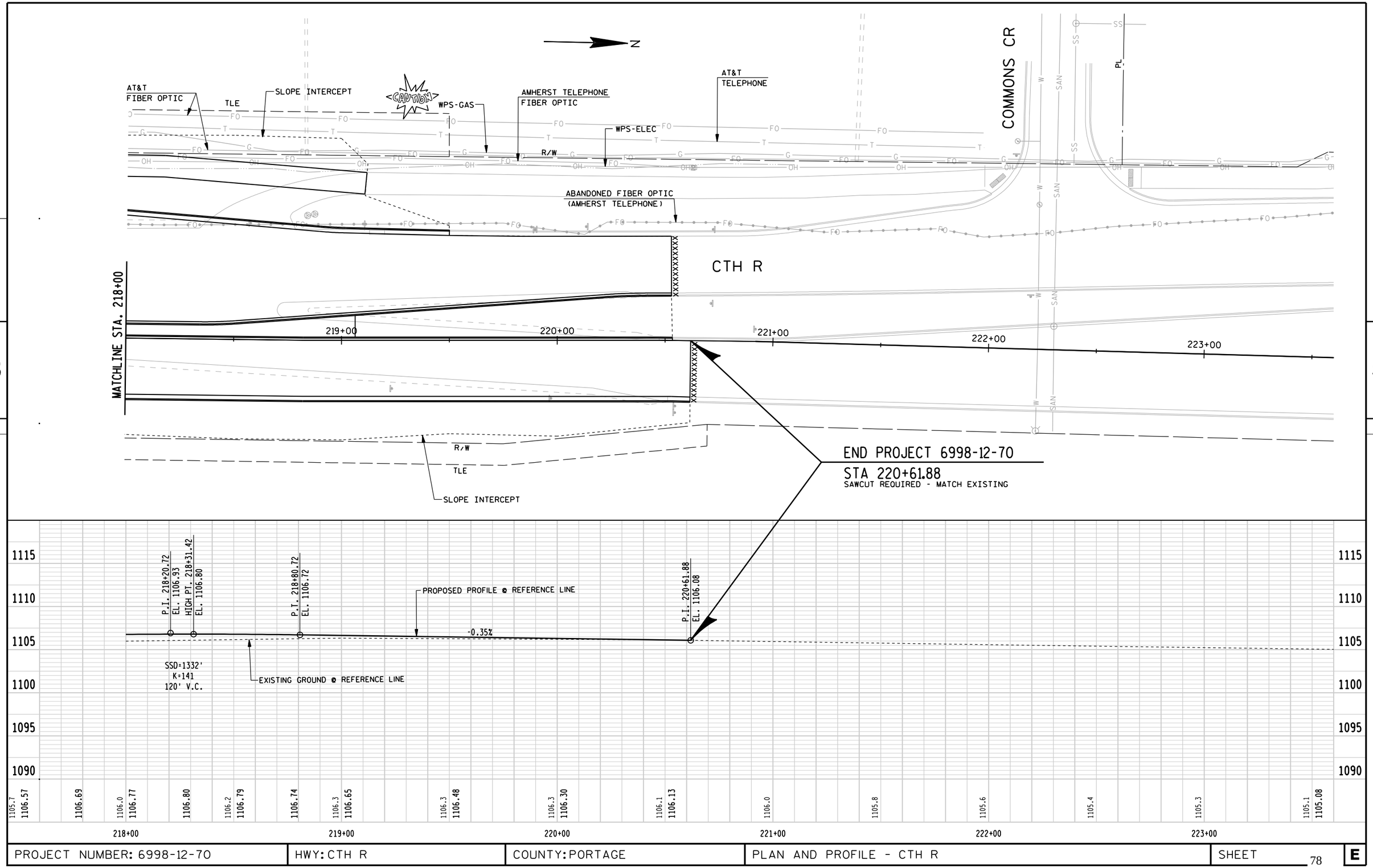
PLOT DATE: 11/21/2013
PLOT TIME: 9:10:01 AM
PLOT SCALE: 1:39.9999
WISDOT/CADDS SHEET 40



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - CTH R	SHEET 78	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\050111_pp.dgn
BATCH PRINT SHEET 11 OF 17
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
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PLOT DATE: 11/21/2013
PLOT TIME: 9:10:03 AM
PLOT SCALE: 1:39.9999
WISDOT/CADDS SHEET 40

CONTROL POINT 105
Y=188250.78
X=182178.11

SEPTIC COVER

CAUTION

WPS-GAS

PL

STA 57+56 LT
CONSTRUCT ASPHALT PE
SAWCUT REQUIRED

SLOPE INTERCEPT

TLE

AMHERST TELEPHONE
FIBER OPTIC

R/W

MATCHLINE STA. 58+50

56+09

57+00

58+00

PORTER RD

VILLAGE OF PLOVER
SANITARY

AT&T
FIBER OPTIC

AT&T
TELEPHONE

R/W

CHARTER
TV

CHARTER
FIBER OPTIC

TLE

VILLAGE OF PLOVER
WATER

R/W

TLE

WPS-ELEC

SLOPE INTERCEPT

STA 57+57 RT
CONSTRUCT GRAVEL PE

BEGIN CONSTRUCTION 6998-12-70
STA 56+59.23
MATCH EXISTING

N

5

5

P.I. 56+59.23
EL. 1097.27

PROPOSED PROFILE ℄ REFERENCE LINE

0.40%

EXISTING GROUND ℄ REFERENCE LINE

1100
1095
1090

1097.2
1097.5 1097.43
1097.5 1097.63
1097.4 1097.83
1097.3 1098.03
1097.2 1098.23

56+00
57+00
58+00
59+00

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - PORTER ROAD	SHEET 79	E

SLOPE INTERCEPT
TLE
AT&T FIBER OPTIC
CTH R
R/W
MATCHLINE STA. 58+50
CONTROL POINT 106
Y=188264.79
X=182802.07
AT&T TELEPHONE
VILLAGE OF PLOVER SANITARY
VILLAGE OF PLOVER WATER
59+00
60+00
61+00
62+00
63+00
PORTER RD
REMOVE TREE (BY OTHERS) (TYP)
AMHERST TELEPHONE FIBER OPTIC
AT&T FIBER OPTIC
18" RCCP
24" RCCP
24" RCCP
MATCHLINE STA. 63+70
WPS-ELEC
AT&T FIBER OPTIC
AT&T TELEPHONE
SLOPE INTERCEPT
CHARTER FIBER OPTIC
175+00
SLOPE INTERCEPT
N

P.I. 59+70.01 EL. 1098.51
P.I. 59+97.01 EL. 1098.78
P.I. 60+26.01 EL. 1098.49
P.C. 60+89.63 EL. 1097.22
SSD=539'
K=64
160' V.C.
LOW PT. 62+18.14 EL. 1095.93
P.T. 62+49.63 EL. 1096.01
PROPOSED PROFILE @ REFERENCE LINE
1.00%
-1.00%
-2.00%
EXISTING GROUND @ REFERENCE LINE
P.I. 61+69.63 EL. 1095.62
STA 62+19
1-18" X 64' RCCP
W/ APRON ENDWALLS REQ'D
INV 1091.05 (N)
INV 1090.85 (S)
(BY OTHERS)
STA 63+50
2-24" X 64' RCCP
W/ APRON ENDWALLS REQ'D
INV 1091.50 (N)
INV 1091.30 (S)
(BY OTHERS)
1100
1095
1090
1097.3 1098.03
1097.2 1098.23
1096.8 1098.43
1096.2 1098.75
1095.3 1098.01
1094.3 1097.02
1093.4 1096.29
1093.0 1095.96
1093.0 1096.01
1093.0 1096.26
1093.3 1096.50
59+00
60+00
61+00
62+00
63+00

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - PORTER ROAD	SHEET 80	E

FILE NAME: I:\work\projects\94854\gra\porter-cthhh\050114_pp.dgn
BATCH PRINT SHEET 13 OF 17
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
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PLOT TIME: 9:10:08 AM
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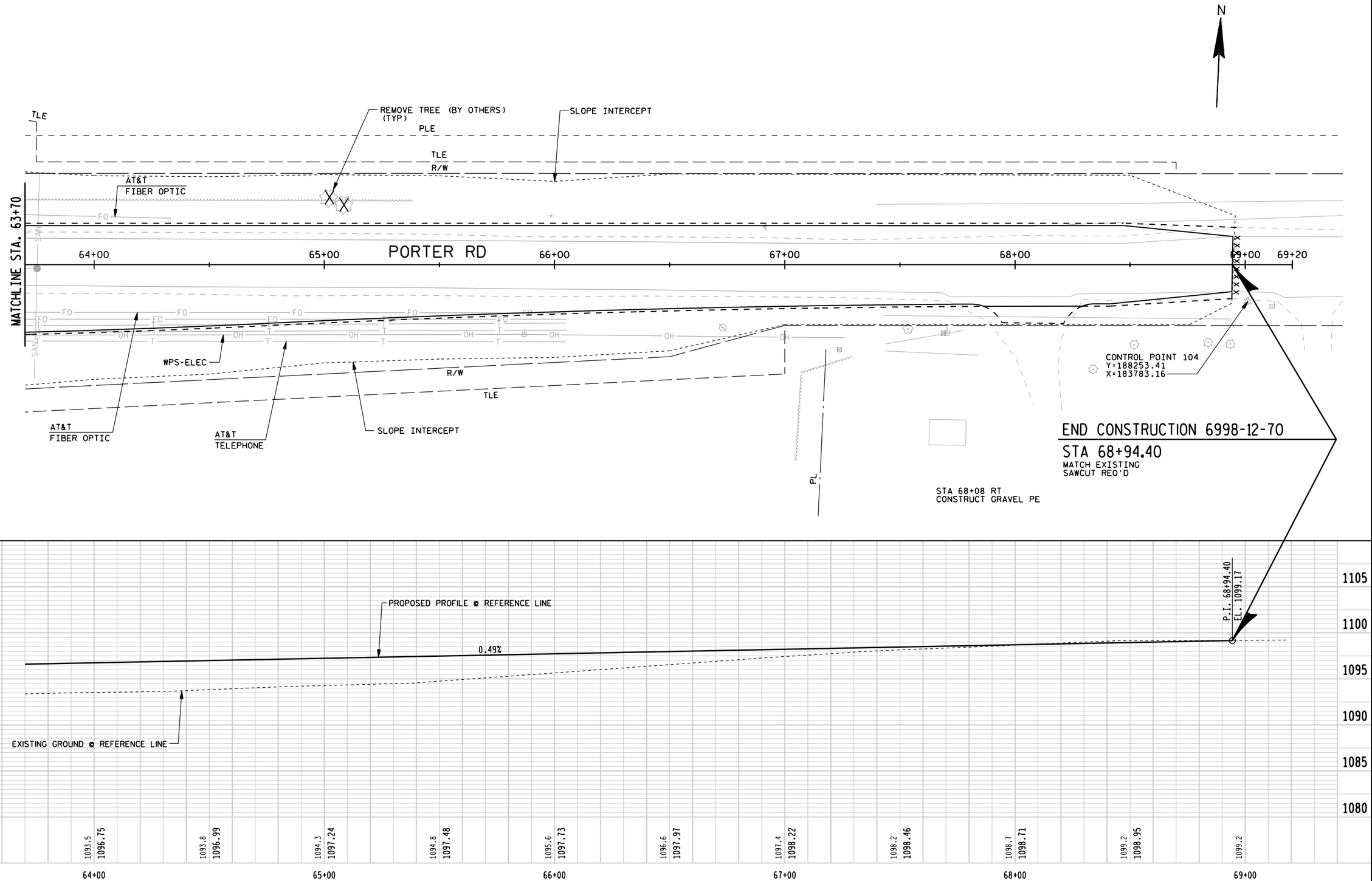
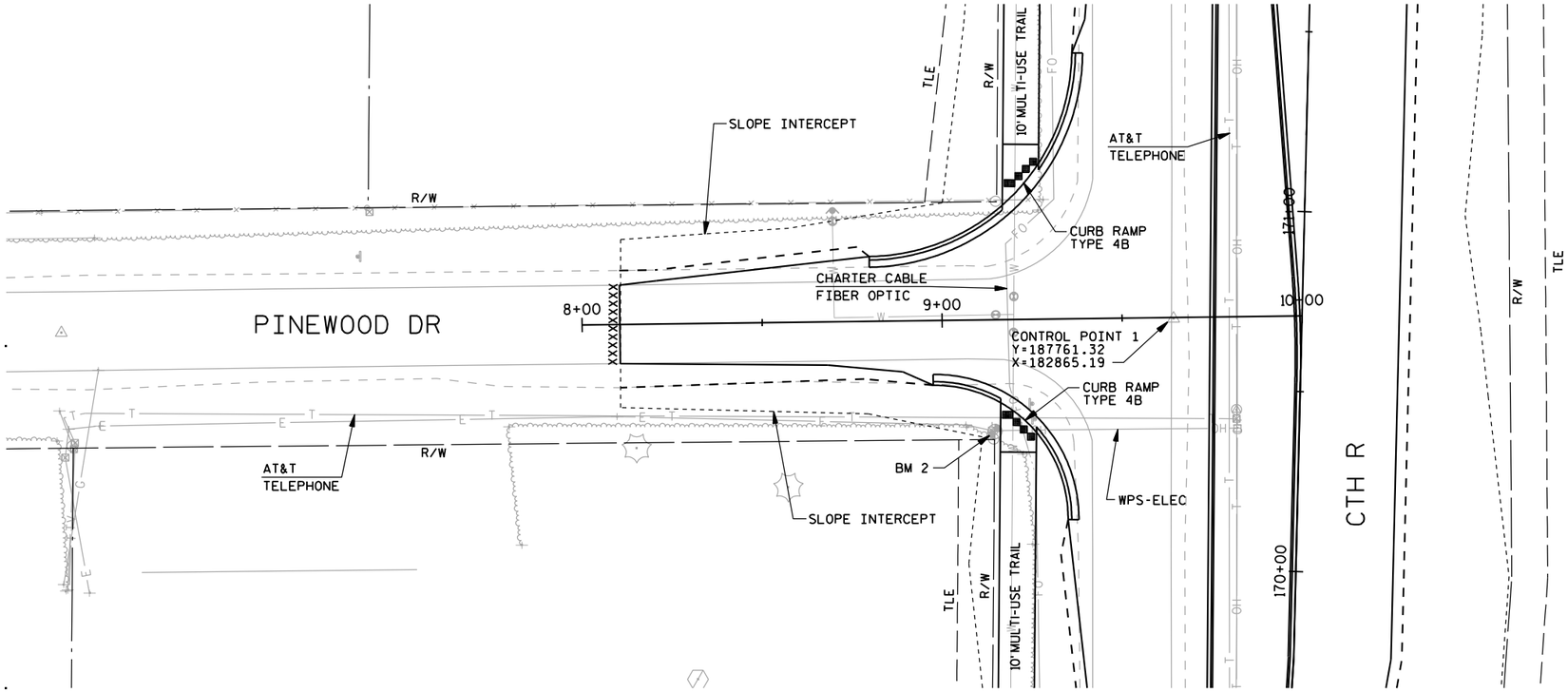
WISDOT/CADDS SHEET 40



5

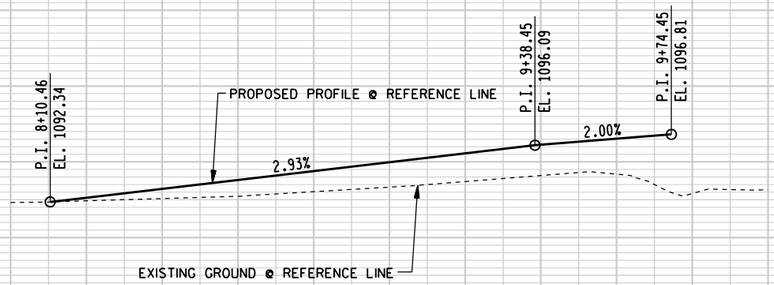
5

PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - PORTER ROAD	SHEET 81	E



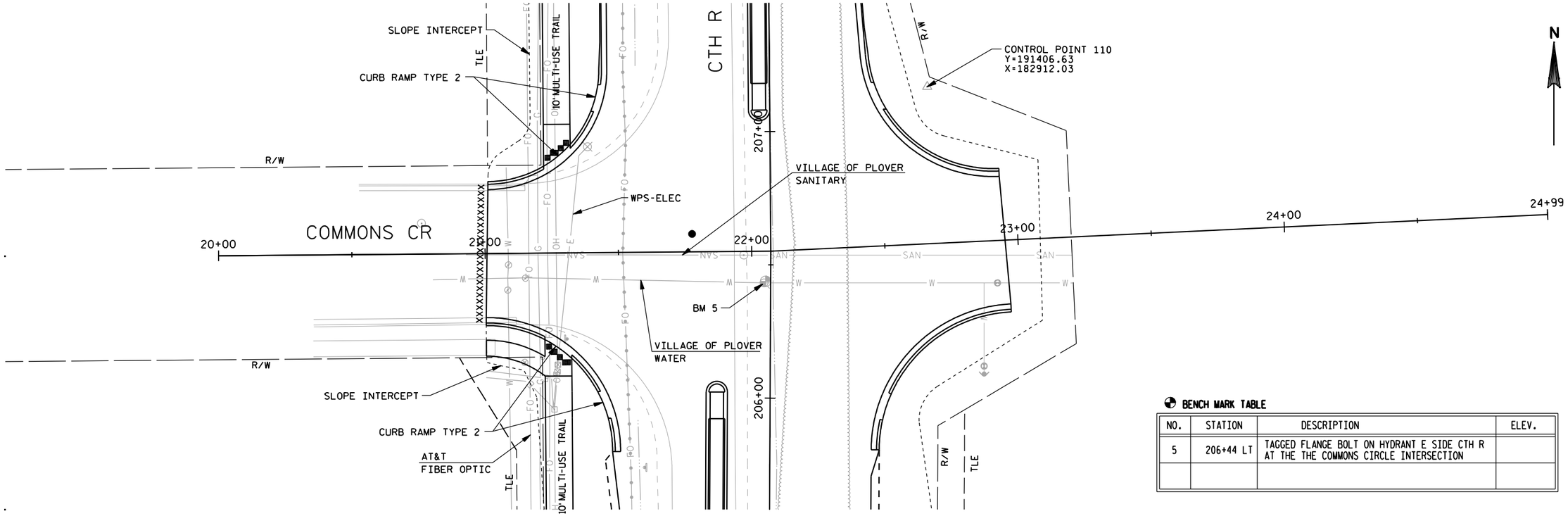
BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
2	170+37 LT	RR SPIKE IN PP *2308 14E99 SW CORNER OF CTH R AND PINEWOOD DR	1093.91



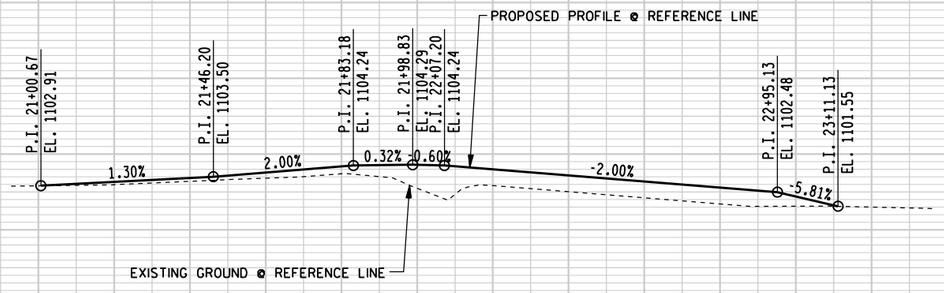
PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - PINEWOOD DRIVE	SHEET 82	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\050112_pp.dgn
BATCH PRINT SHEET 15 OF 17
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printng\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printng\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:10:14 AM
PLOT SCALE: 1:39.9999
WISDOT/CADDS SHEET 40



BENCH MARK TABLE

NO.	STATION	DESCRIPTION	ELEV.
5	206+44 LT	TAGGED FLANGE BOLT ON HYDRANT E SIDE CTH R AT THE THE COMMONS CIRCLE INTERSECTION	



PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - COMMONS CIRCLE	SHEET 83	E

FILE NAME: l:\work\projects\94854\gra\porter-cthhh\050116_pp.dgn
BATCH PRINT SHEET 16 OF 17
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printng\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printng\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:10:17 AM
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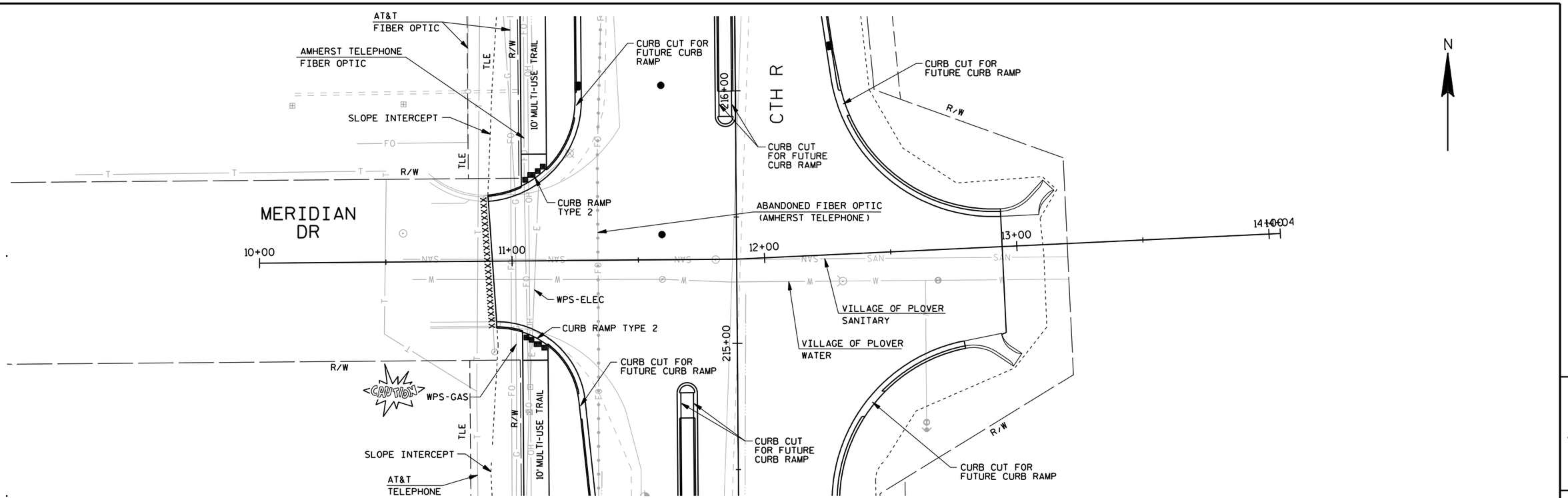
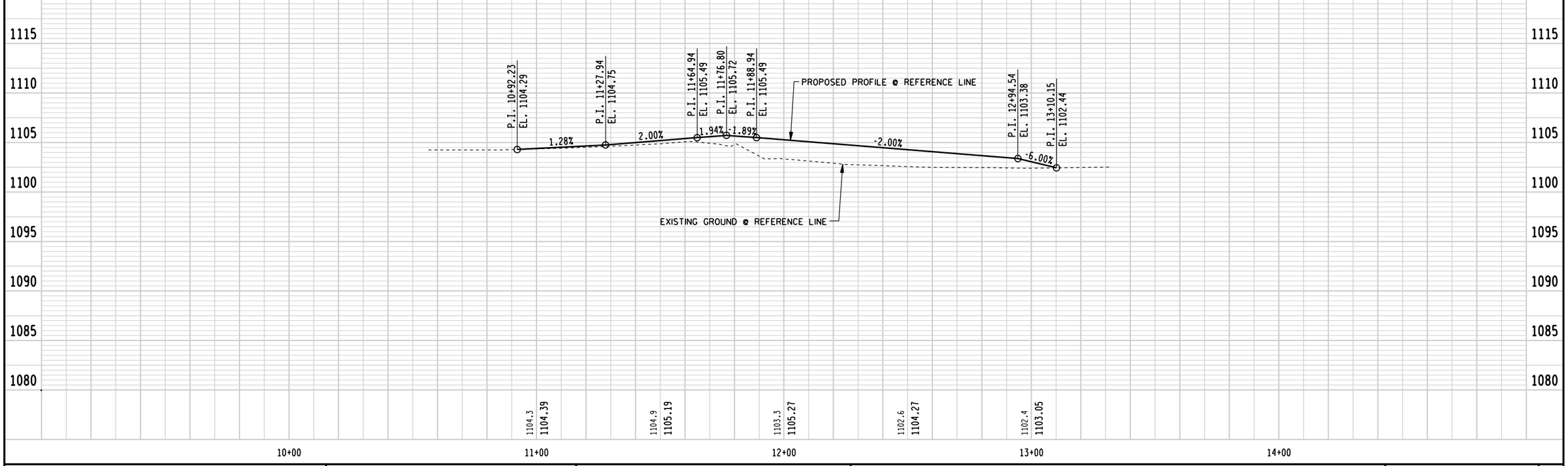
WISDOT/CADDS SHEET 40



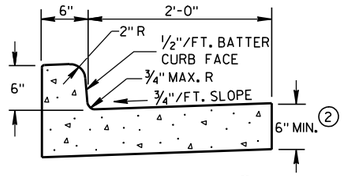


PROJECT NUMBER: 6998-12-70	HWY: CTH R	COUNTY: PORTAGE	PLAN AND PROFILE - MERIDIAN DRIVE	SHEET 84	E

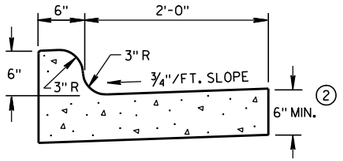
FILE NAME: l:\work\projects\94854\gra\porter-cthhh\050117_pp.dgn
BATCH PRINT SHEET 17 OF 17
PRINTER DRIVER: L:\library\TPN_CADstds\Workspace-Clients\WisDOT\Microstation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\gra\porter-cthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:10:19 AM
PLOT SCALE: 1:39.9999
WISDOT/CADDS SHEET 40

Standard Detail Drawing List

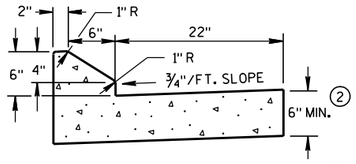
08D01-17	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-15A	CURB RAMPS TYPES 1 AND 1-A
08D05-15B	CURB RAMPS TYPES 2 AND 3
08D05-15C	CURB RAMPS TYPES 4A AND 4A1
08D05-15D	CURB RAMPS TYPE 4B AND 4B1
08D05-15E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
11B02-02	CONCRETE MEDIAN NOSE
15C07-12B	PAVEMENT MARKING WORDS
15C07-12C	PAVEMENT MARKING ARROWS
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C08-16C	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-16D	PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
15C08-16E	PAVEMENT MARKING (LEFT TURN LANE)
15C08-16F	PAVEMENT MARKING (ISLANDS)
15C18-03	MEDIAN ISLAND MARKING
15C29-03C	URBAN BICYCLE LANE MARKING
15C29-03D	URBAN BICYCLE LANE MARKING
15C29-03E	PAVEMENT MARKING FOR BIKE LANES
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING



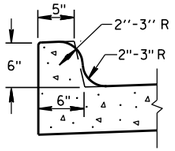
TYPES A & D (1)



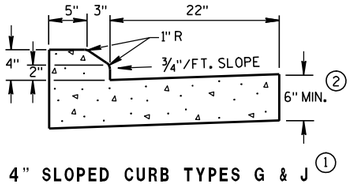
TYPES K & L (1)



6" SLOPED CURB TYPES G & J (1)

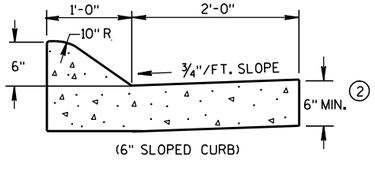


OPTIONAL CURB SHAPE FOR TYPES K & L (1)

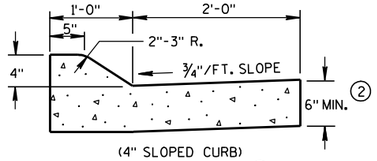


4" SLOPED CURB TYPES G & J (1)

CONCRETE CURB & GUTTER 30"

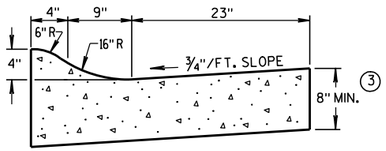


(6" SLOPED CURB)



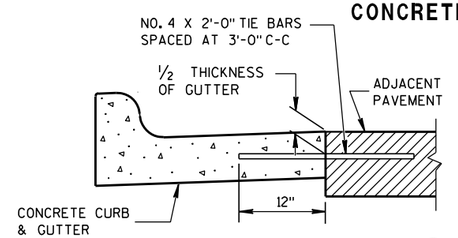
(4" SLOPED CURB)

TYPES A & D (1)

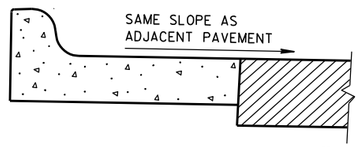


4" SLOPED CURB TYPES R & T (1) (4)

CONCRETE CURB & GUTTER 36"



TYPICAL TIE BAR LOCATION (1)



REVERSE SLOPE GUTTER (5)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS 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 & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

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

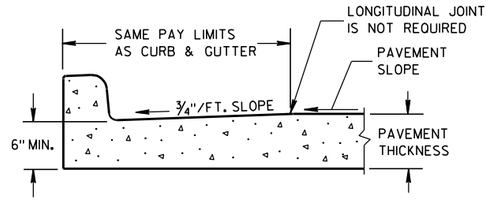
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K AND R.

(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.

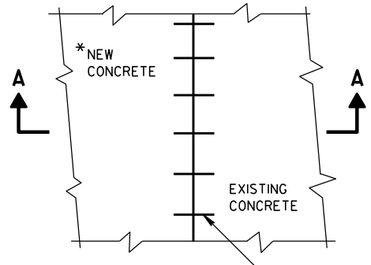
(3) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(4) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

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

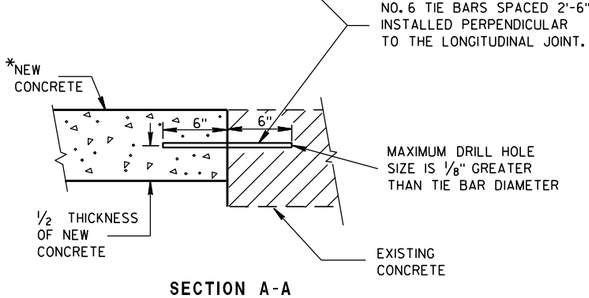


PARTIAL SECTION OF PAVEMENT WITH INTEGRAL CURB & GUTTER



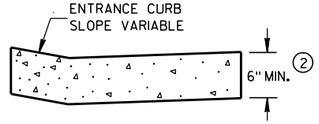
PLAN VIEW

*NEW CURB & GUTTER, SURFACE DRAINS, CONCRETE PAVEMENT OR OTHER NEW CONCRETE.

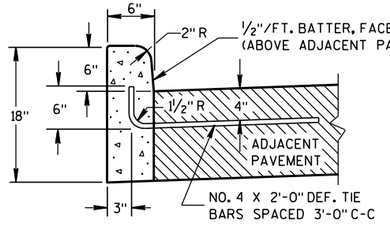


SECTION A-A

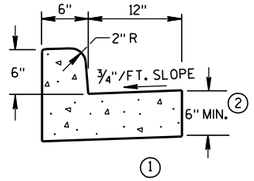
TIE BARS DRILLED INTO EXISTING PAVEMENT



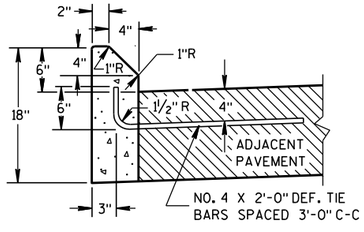
DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)



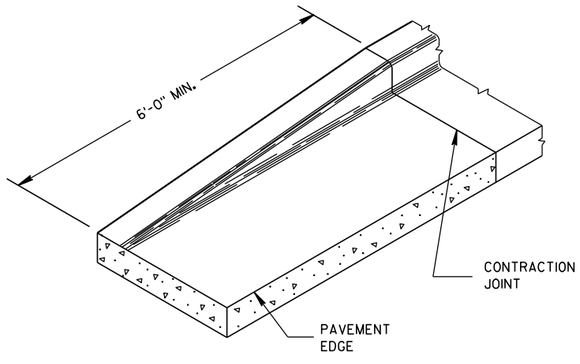
(1)
TYPES A & D



(1)
TYPES A & D
CONCRETE CURB & GUTTER 18"



(1)
TYPES G & J



END SECTION CURB & GUTTER

CONCRETE CURB

CONCRETE CURB, CONCRETE CURB & GUTTER AND TIES

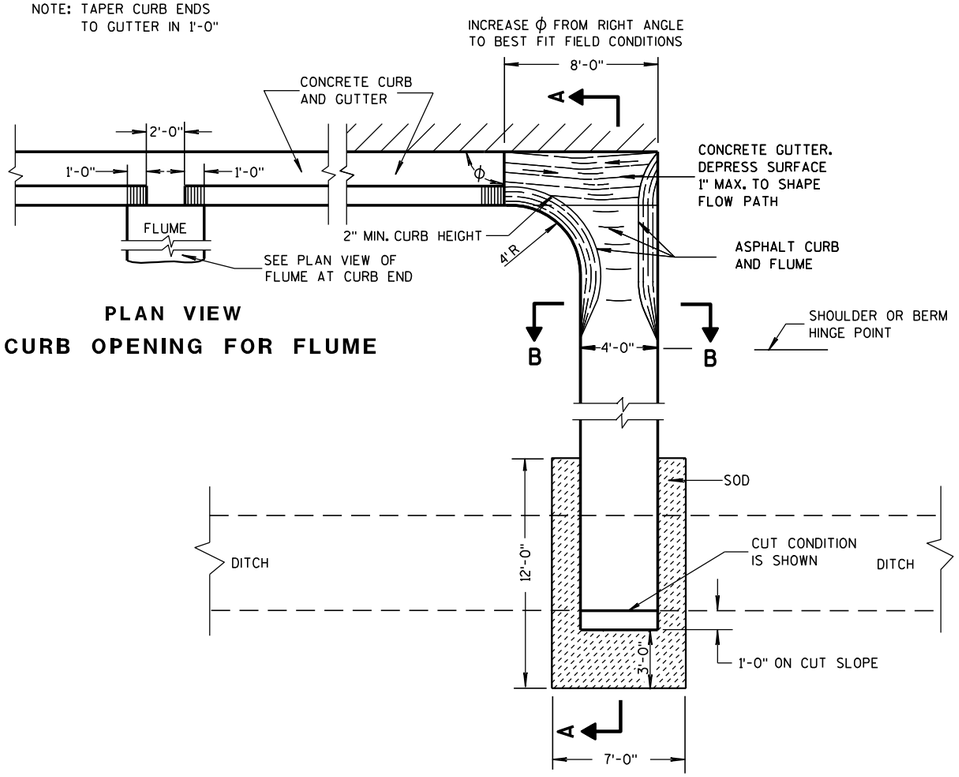
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
9/4/08 DATE
/S/ Jerry H. [illegible] ROADWAY STANDARDS ENGINEER
FHWA

6

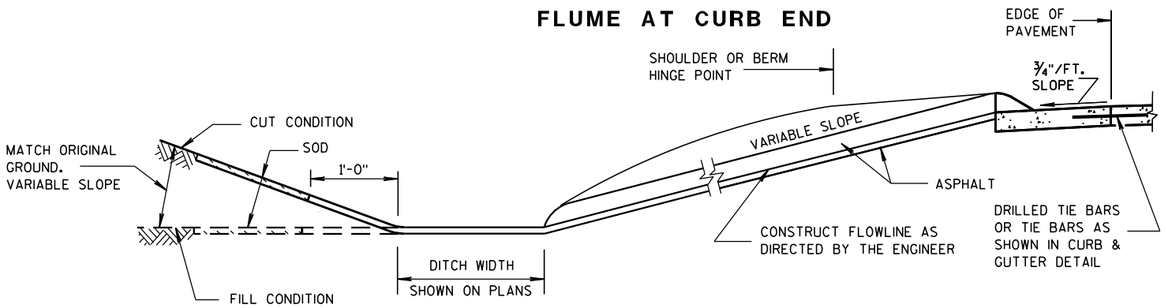
S.D.D. 8 D 1-17

ASPHALTIC FLUME

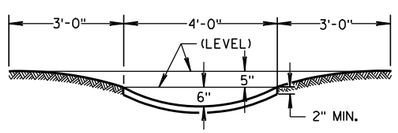


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

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.

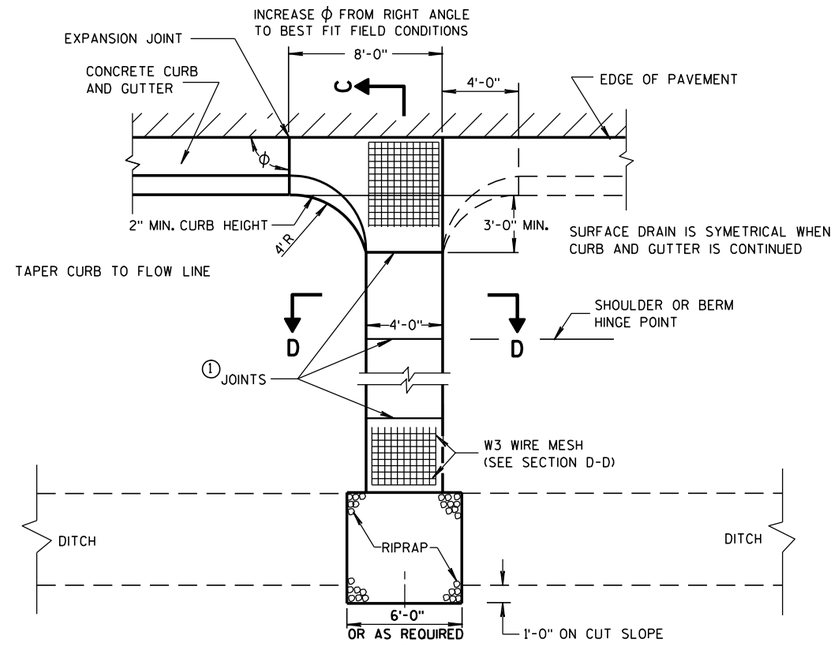
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

① JOINTS SHALL BE $\frac{1}{8}$ TO $\frac{1}{4}$ INCH WIDE BY $1\frac{1}{2}$ INCHES DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.

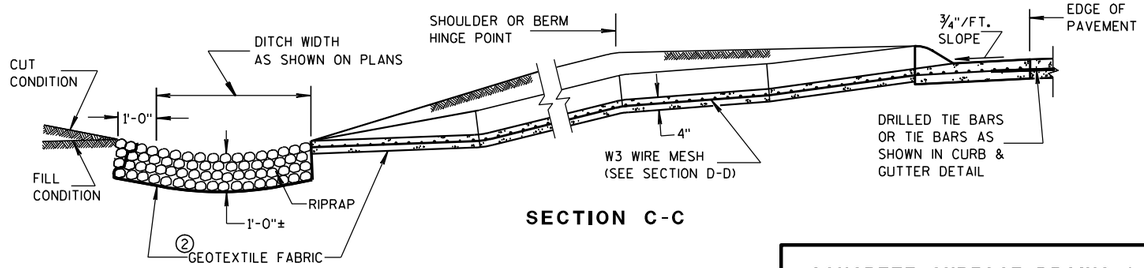
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED

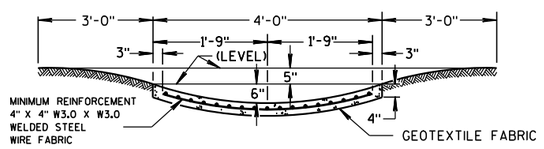
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

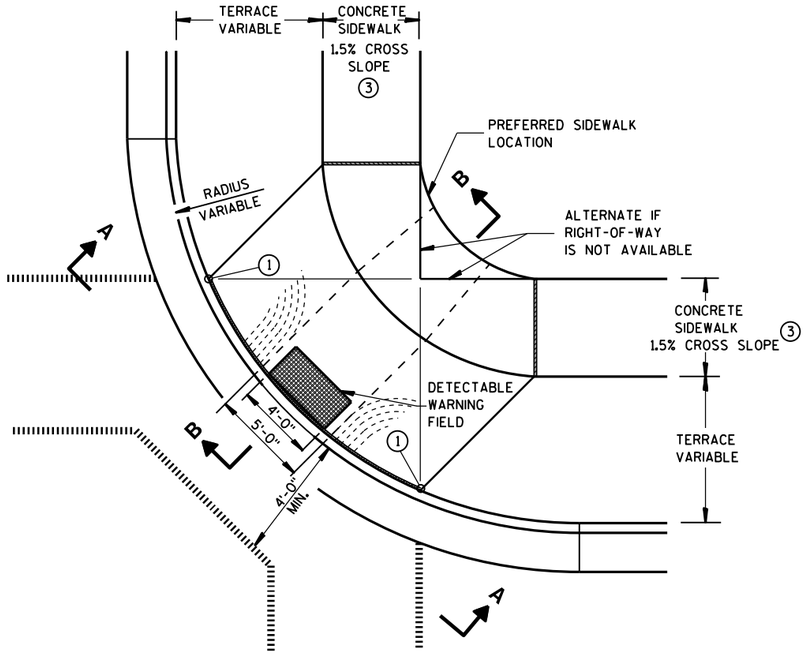
APPROVED
9-4-08 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
87
MENT
FHWA

6

S.D.D. 8 D 4-5

6

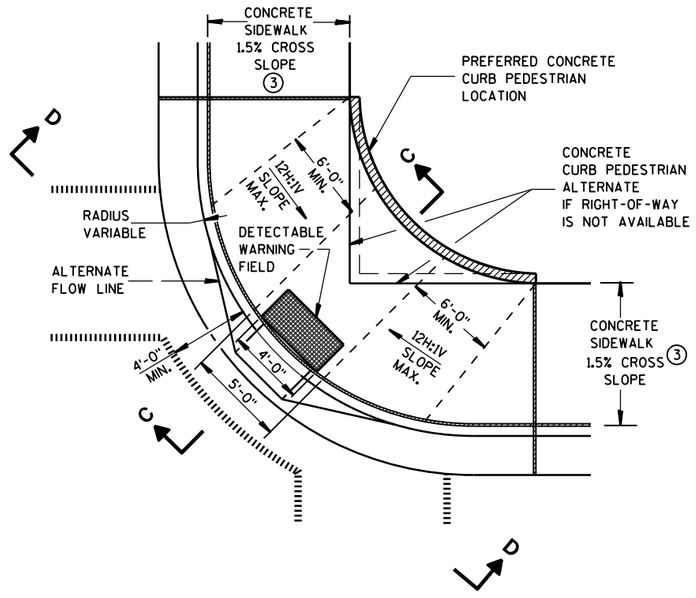
S.D.D. 8 D 4-5



PLAN VIEW

TYPE 1 RAMP

(CENTER OF CORNER RADIUS)



PLAN VIEW

TYPE 1-A RAMP

(NO TERRACE)

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.

RAMPS SHALL BE BUILT AT 12H:1V OR FLATTER. WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

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

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

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

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

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

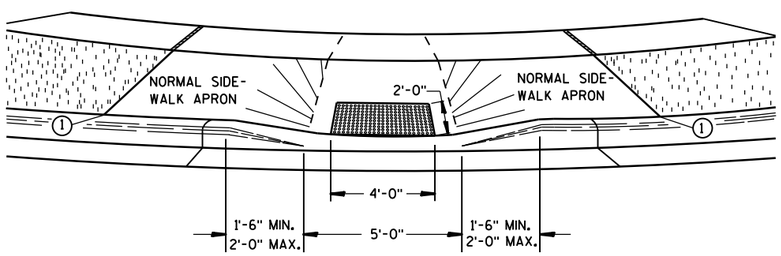
① THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.

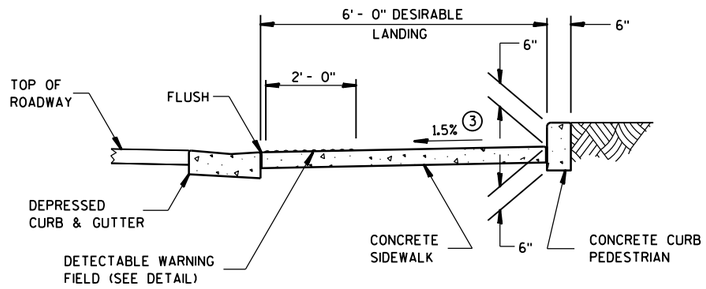
③ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

LEGEND

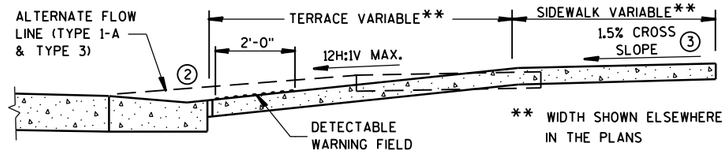
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT



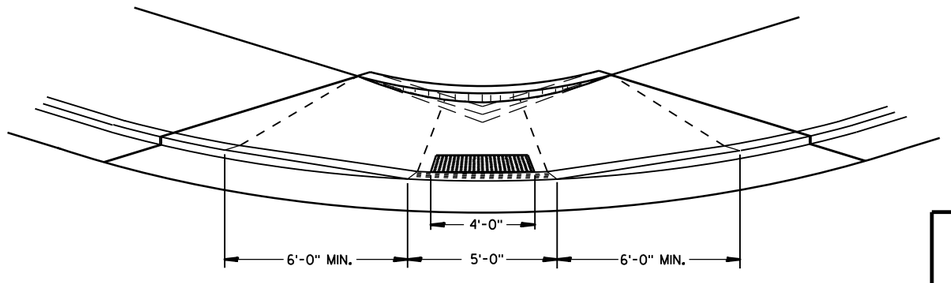
VIEW A-A



SECTION C-C



SECTION B-B



VIEW D-D

CURB RAMPS TYPES 1 AND 1-A

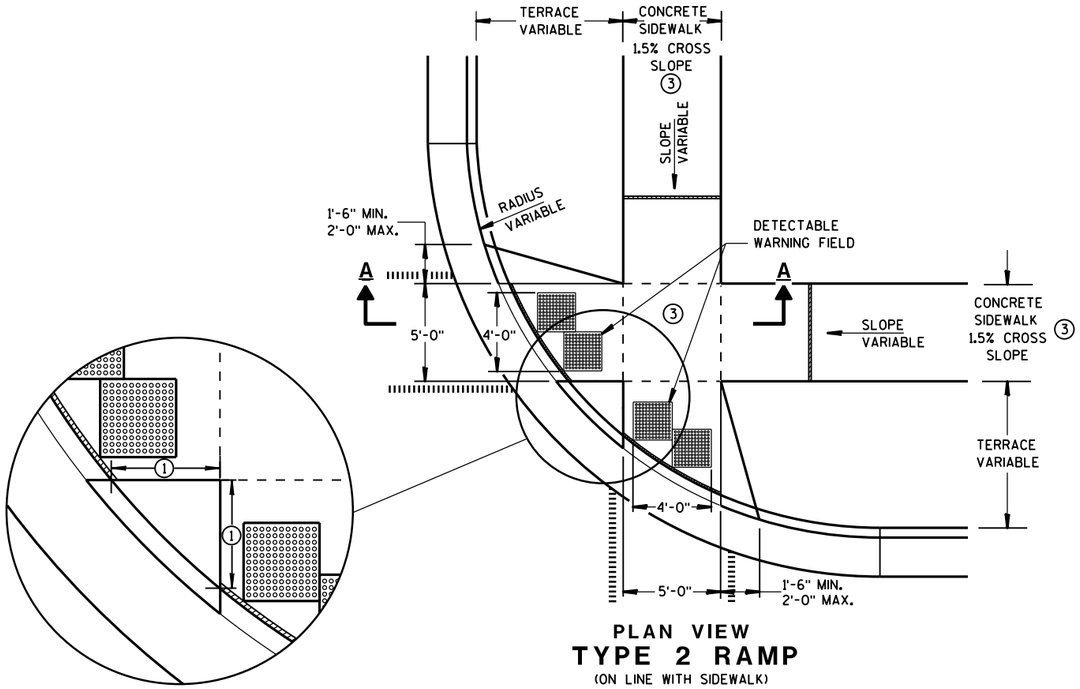
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 88

6

S.D.D. 8 D 5-15a

6

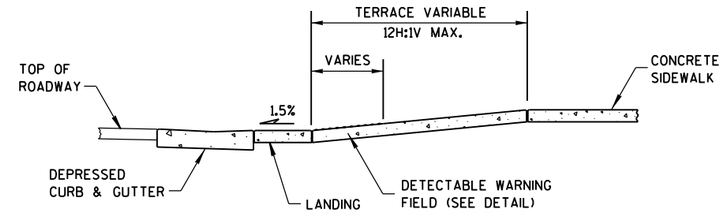
S.D.D. 8 D 5-15a



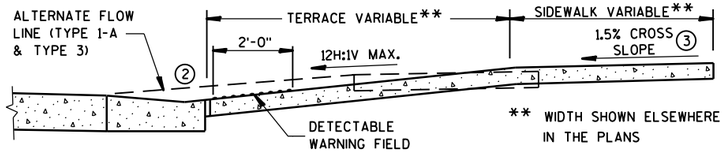
PLAN VIEW

TYPE 2 RAMP

(ON LINE WITH SIDEWALK)



SECTION A-A



SECTION B-B

GENERAL NOTES

USE THE TYPE 3 RAMP ONLY WHEN A TYPE 1 OR TYPE 2 CANNOT BE ACHIEVED BECAUSE OF FIELD CONDITIONS.

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

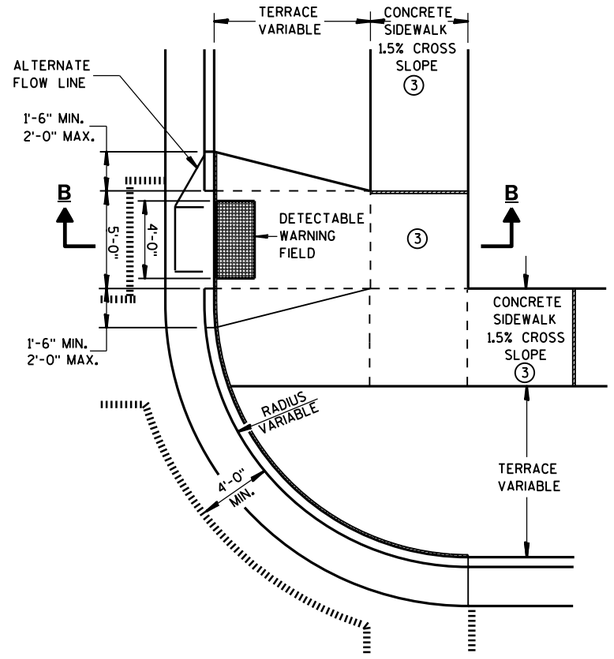
① WHEN THIS DISTANCE IS LESS THAN 6'-0" IT MAY BE DIFFICULT TO ACHIEVE A 12H:1V SLOPE, OR FLATTER, ON THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 12H:1V SLOPE, OR FLATTER, ON RAMP. 2" MINIMUM CURB HEIGHT.

② GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. PROVIDE DRAINAGE AWAY FROM CURB RAMP AT GUTTER FLAG INTERFACE.

③ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

LEGEND

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



PLAN VIEW

TYPE 3 RAMP

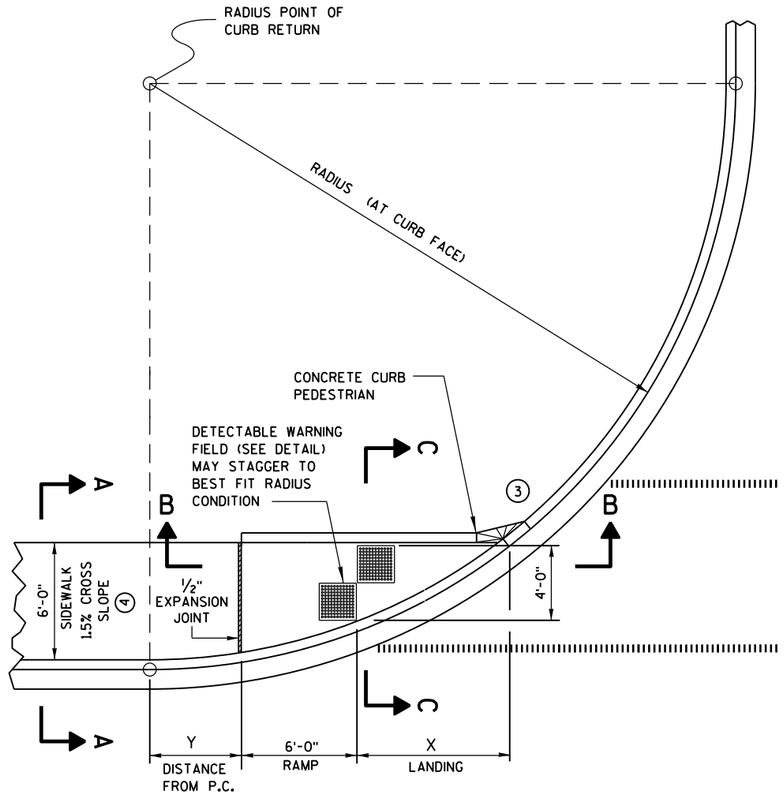
(OUTSIDE OF CROSSWALK AREA)

CURB RAMPS TYPES 2 AND 3

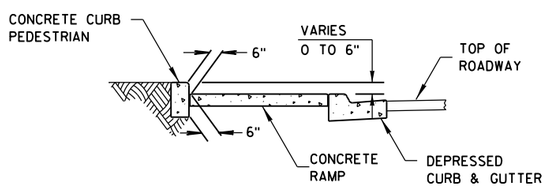
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

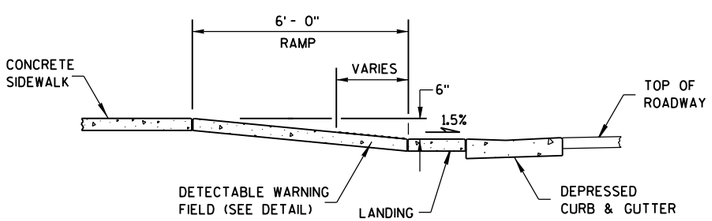
S.D.D. 8 D 5-15b



CURB RAMP TYPE 4A
PLAN VIEW



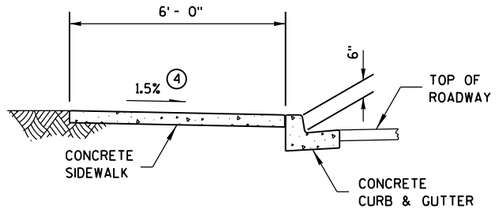
SECTION C-C FOR TYPE 4A



SECTION B-B FOR TYPE 4A

RADIUS (AT CURB FACE)	X	Y
20 FEET	6'-1¾"	2'-7¼"
30 FEET	7'-11¾"	4'-8¼"
40 FEET	9'-5¼"	6'-5"
50 FEET	10'-8¾"	7'-11¼"
60 FEET	11'-10¼"	9'-3½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

GENERAL NOTES

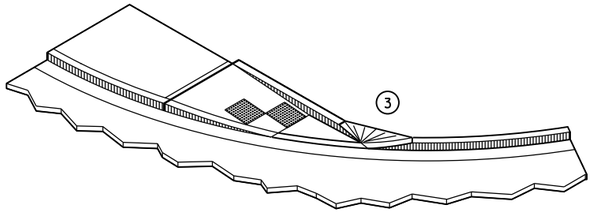
AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

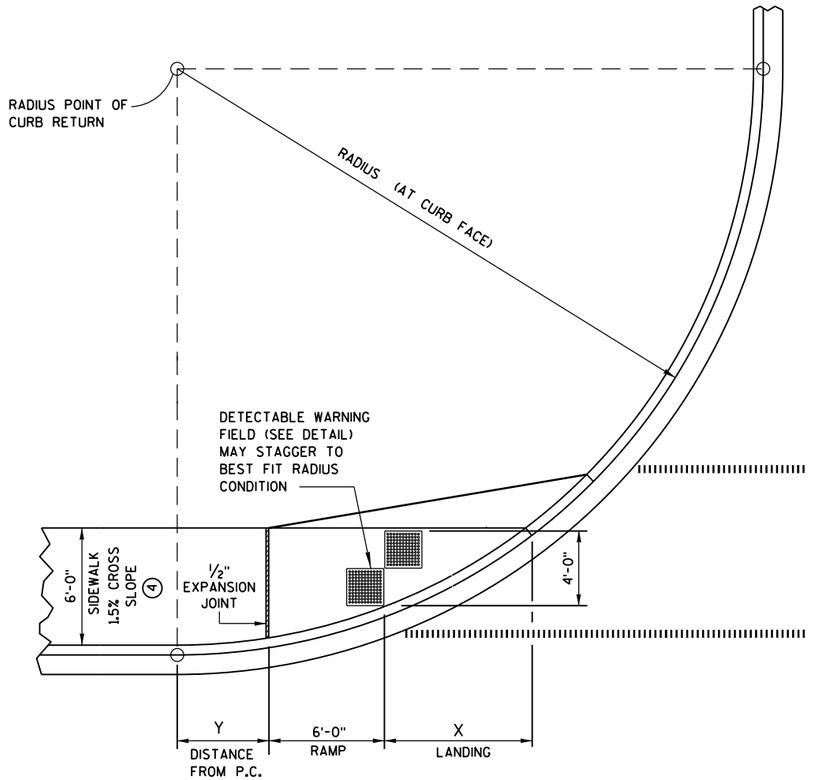
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

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

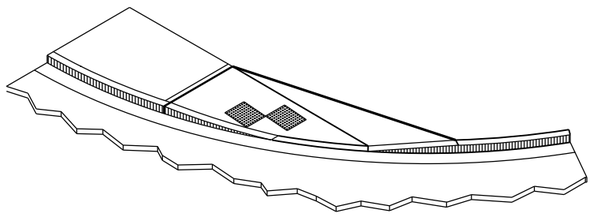
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



ISOMETRIC VIEW FOR TYPE 4A



CURB RAMP TYPE 4A1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

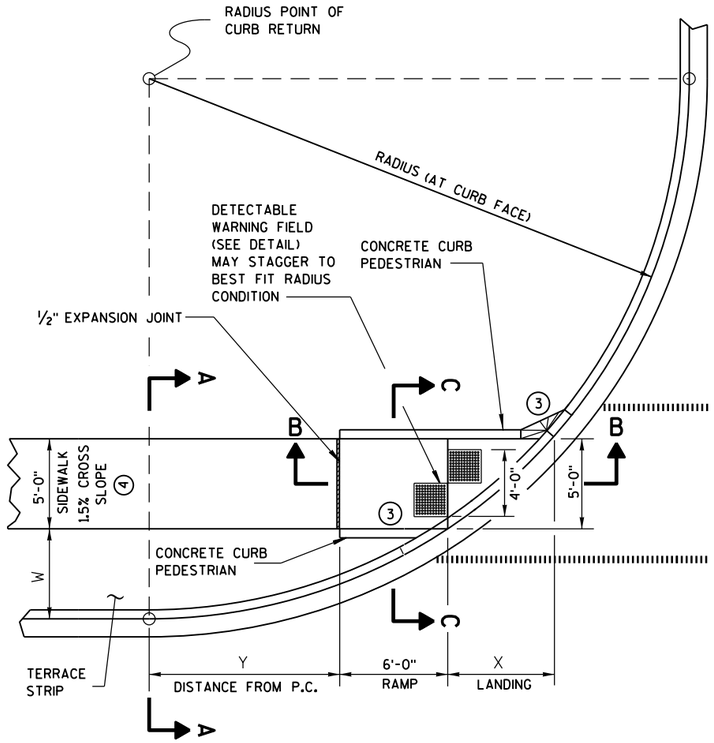
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 4A AND 4A1

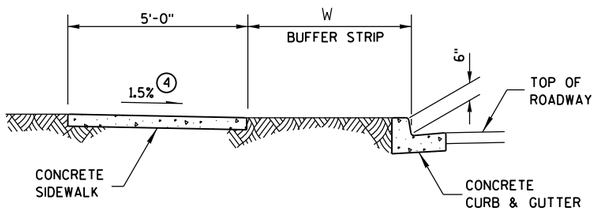
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

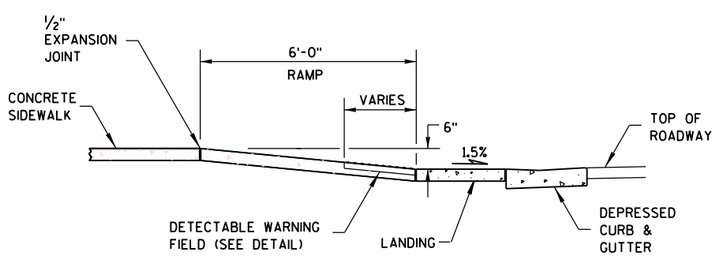
S.D.D. 8 D 5-15c



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



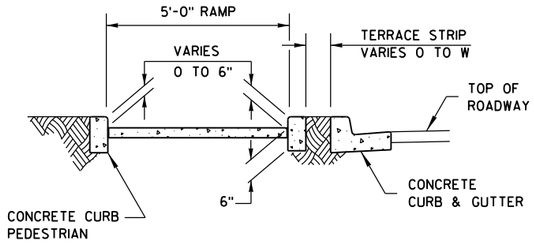
SECTION B-B FOR TYPE 4B

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

PAVEMENT MARKING CROSSWALK (WHITE)



SECTION C-C FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y
20 FEET	5'-5½"	4'-6½"	4'-8½"	6'-0"	4'-1"	7'-2¾"	3'-7"	8'-3½"	3'-1½"	9'-2½"
30 FEET	7'-3¾"	7'-1"	6'-5½"	8'-11½"	5'-9¼"	10'-7"	5'-2½"	12'-0"	4'-8¾"	13'-3¼"
40 FEET	8'-9½"	9'-2½"	7'-10"	11'-5¼"	7'-1"	13'-4½"	6'-5¾"	15'-¾"	5'-11½"	16'-7¼"
50 FEET	10'-¾"	11'-¾"	9'-¼"	13'-7¼"	8'-2½"	15'-9½"	7'-6½"	17'-9"	6'-11¾"	19'-6¼"
60 FEET	11'-2½"	12'-8¾"	10'-¾"	15'-6½"	9'-2¼"	17'-11¾"	8'-5¾"	20'-1¾"	7'-10½"	22'-1½"

INTERMEDIATE RADII CAN BE INTERPOLATED

GENERAL NOTES

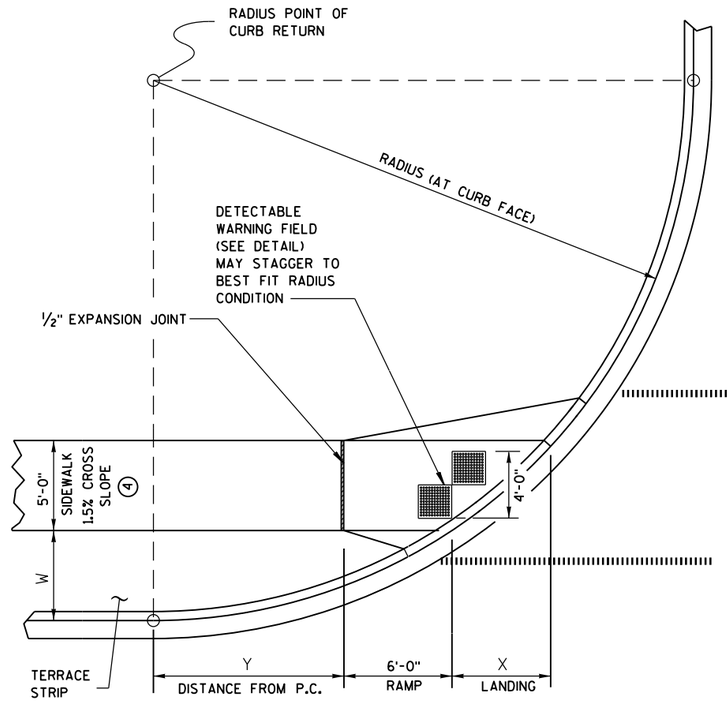
AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

RAMP SLOPES SHALL NOT BE STEEPER THAN 12:1.

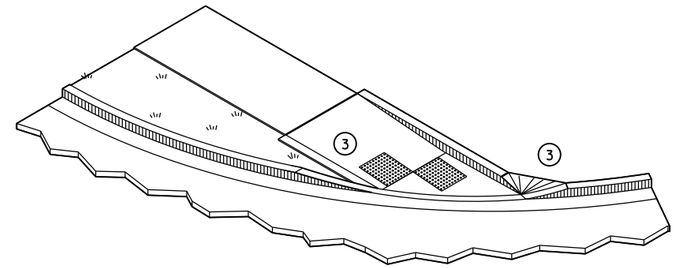
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

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

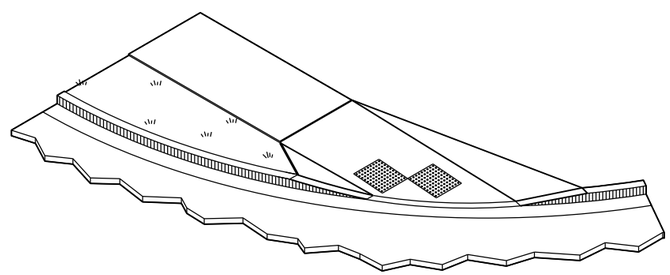
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.



CURB RAMP TYPE 4B1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4B



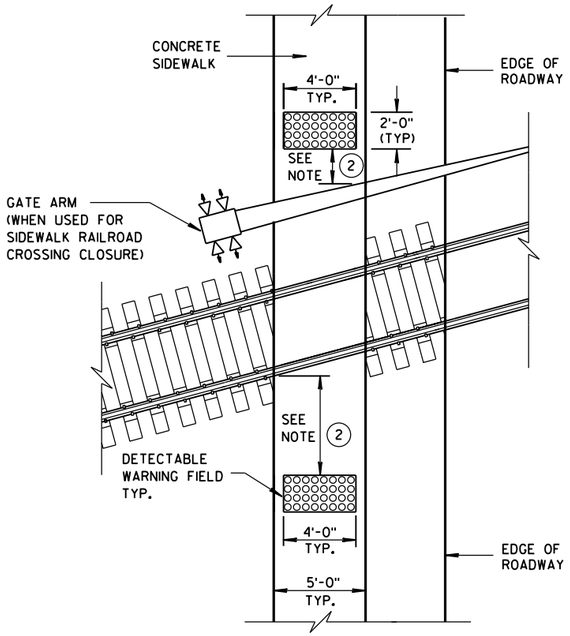
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

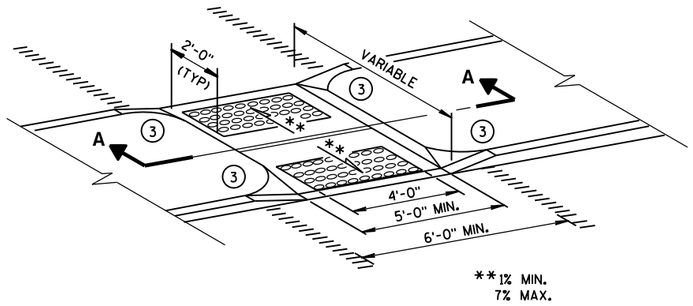
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 8 D 5-15d



TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



MEDIAN ISLAND
NON-ELEVATED CROSSING
TYPE 5

GENERAL NOTES

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

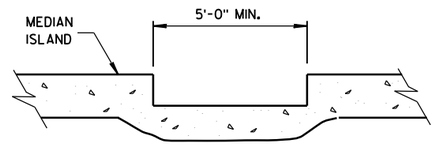
DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

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

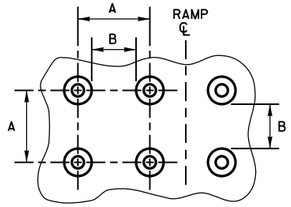
(2) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

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

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



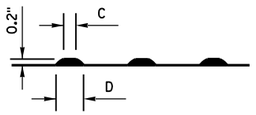
SECTION A-A



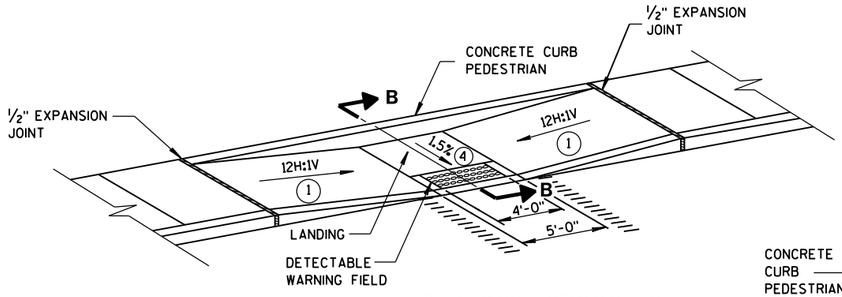
PLAN VIEW

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

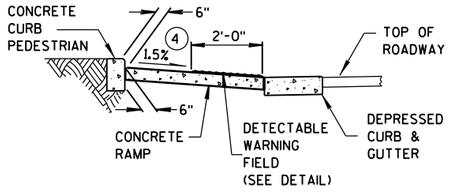
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



ELEVATION VIEW

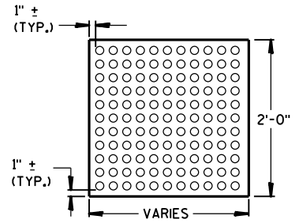


MID-BLOCK CROSSING
TYPE 7A



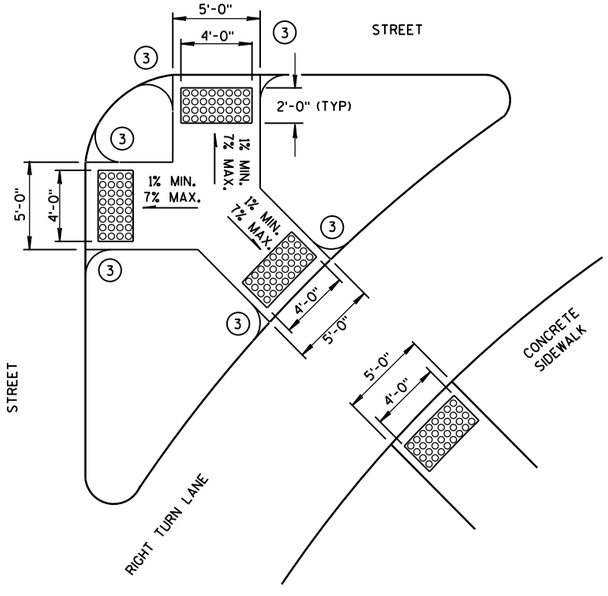
SECTION B-B

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL

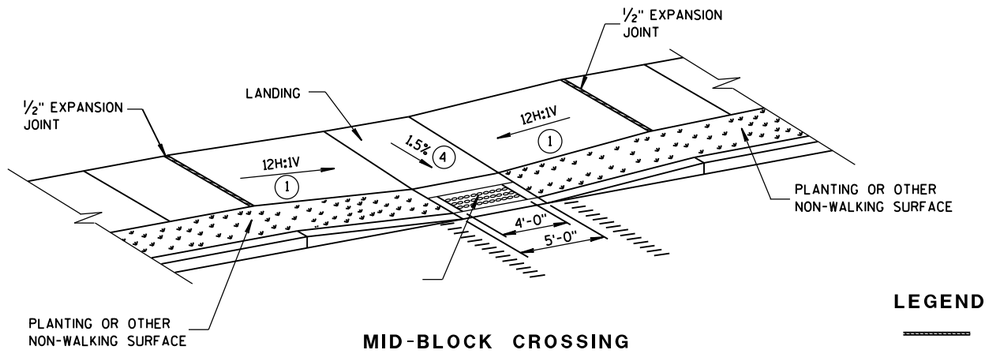


PLAN VIEW

DETECTABLE WARNING FIELD (TYPICAL)



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

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

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2-6-2013 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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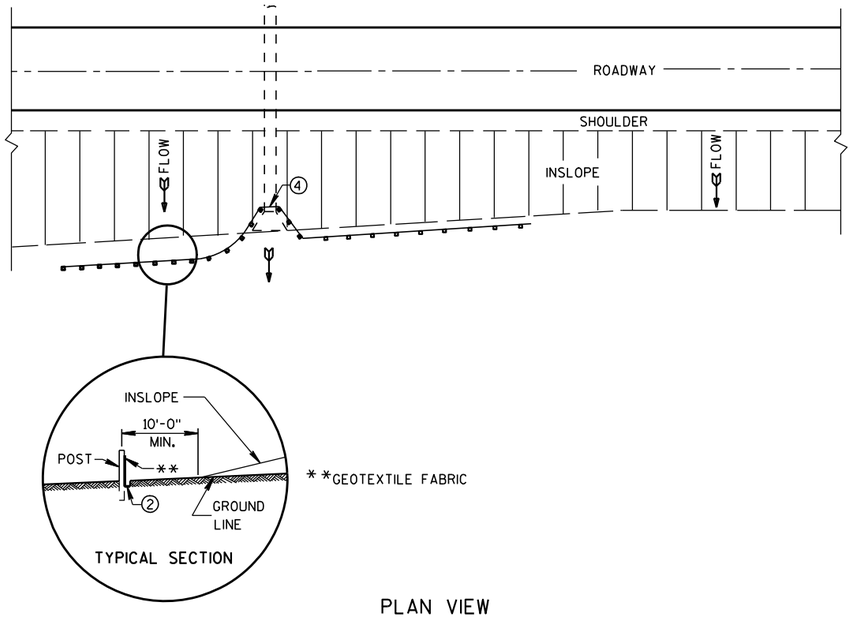
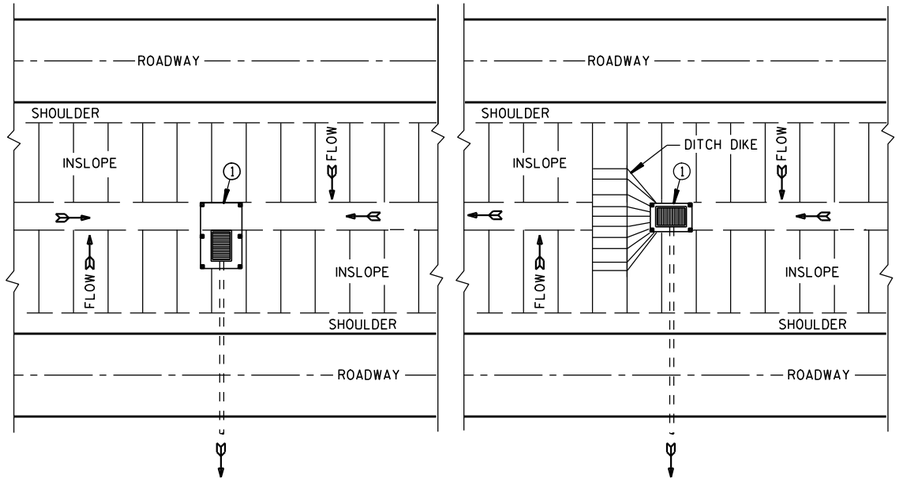
S.D.D. 8 D 5-15e



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

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

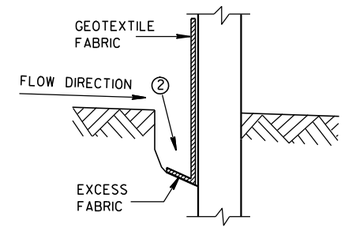
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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

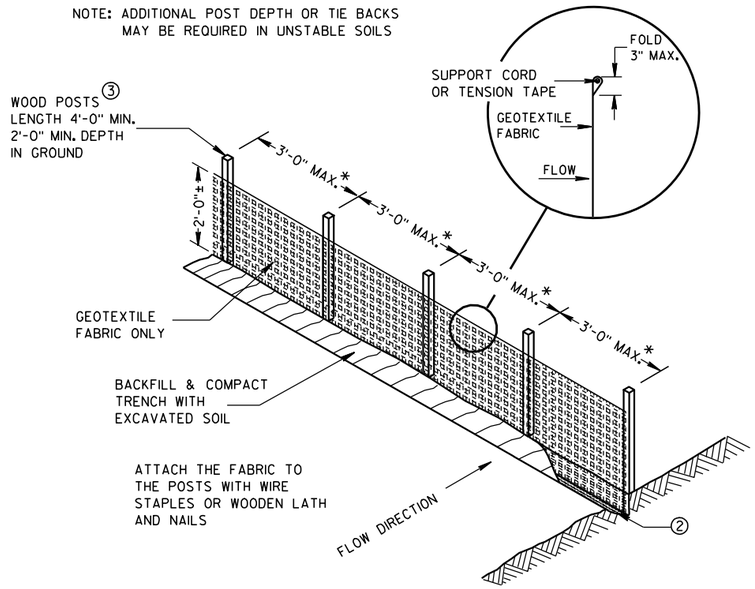
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

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

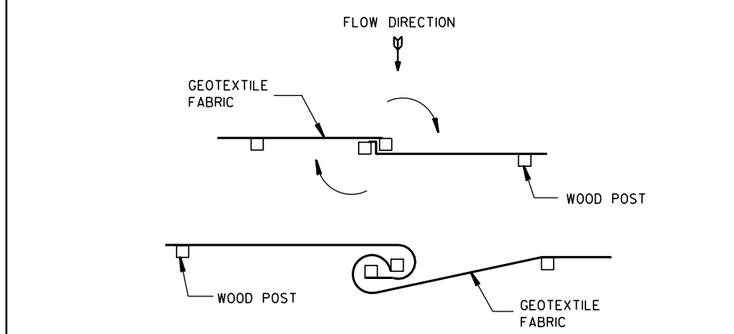
⑤ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



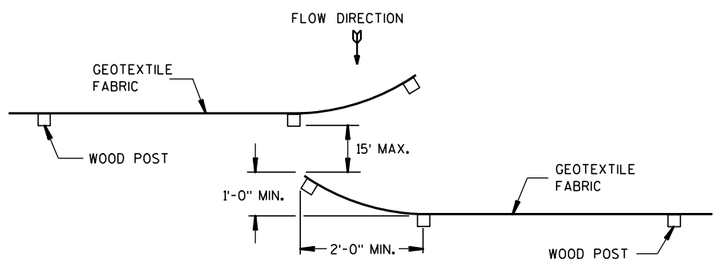
TRENCH DETAIL



SILT FENCE

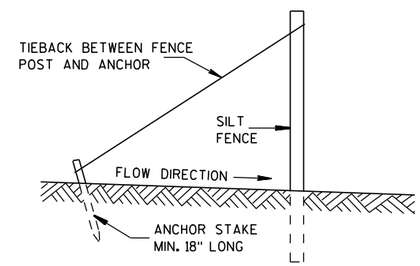


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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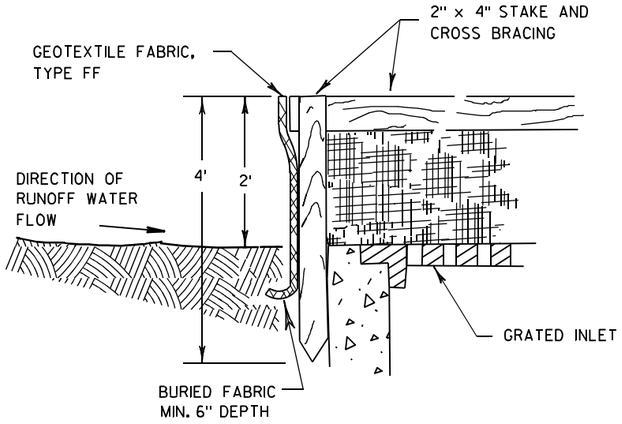
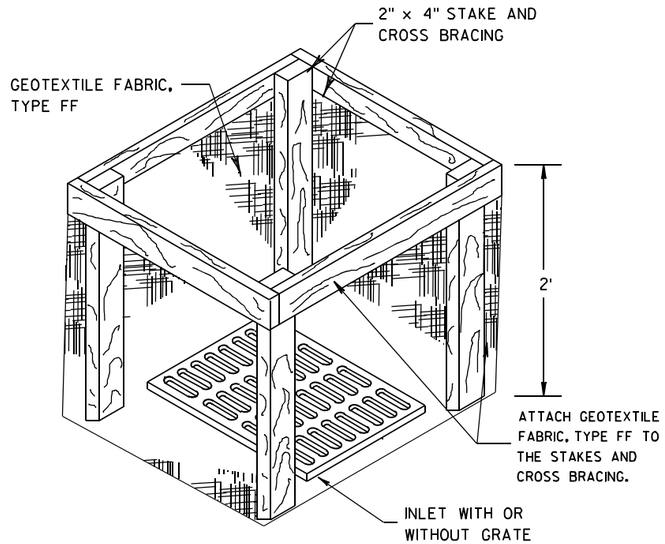
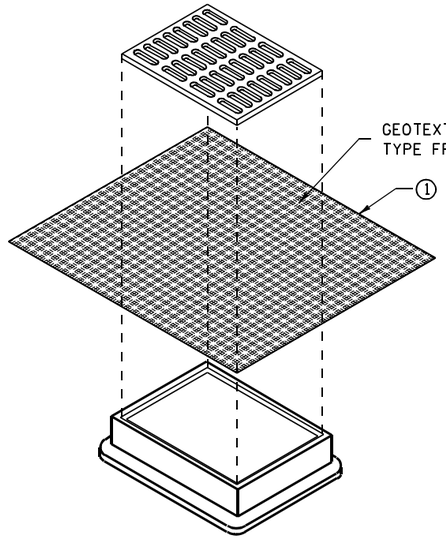


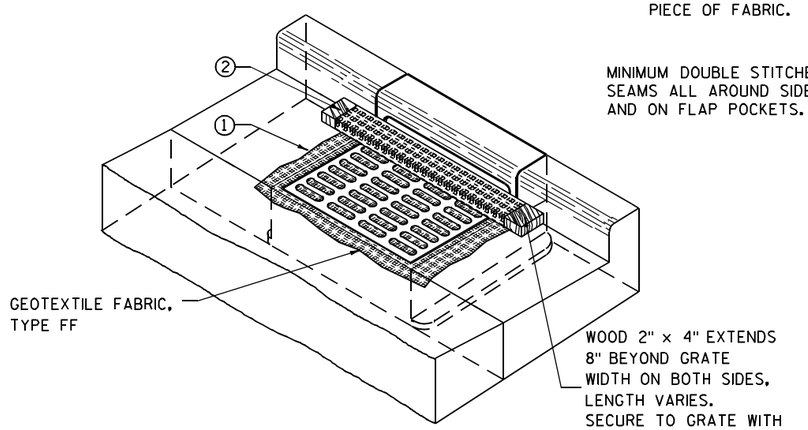


INLET PROTECTION, TYPE A

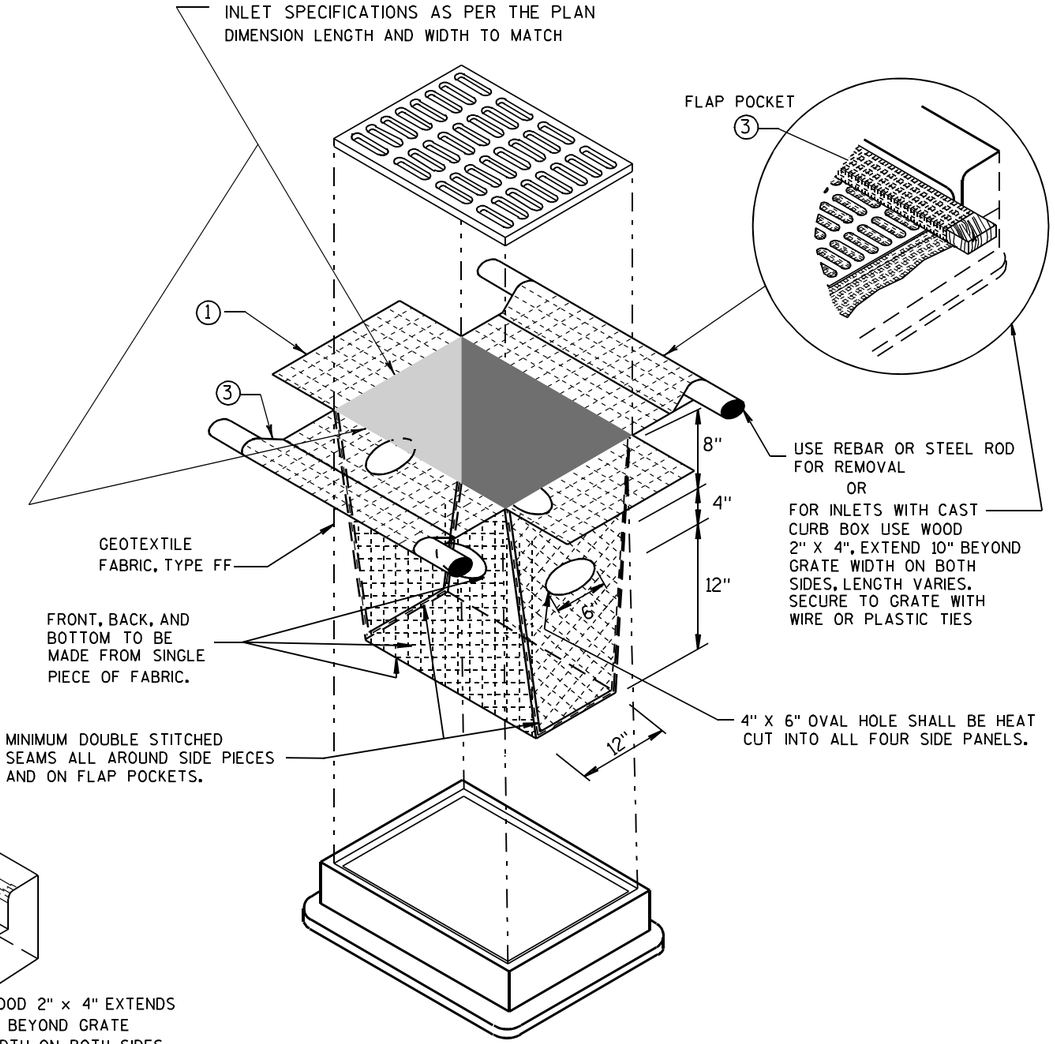


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

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

GENERAL NOTES

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

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

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

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

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

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

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

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

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

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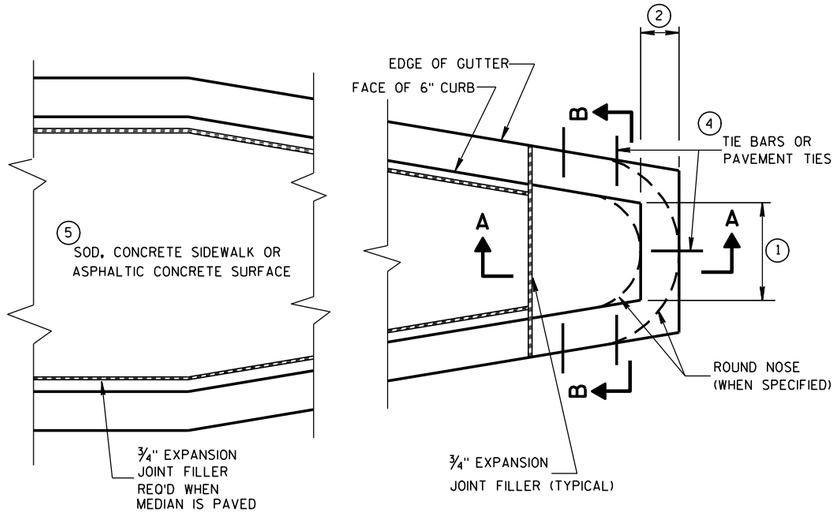
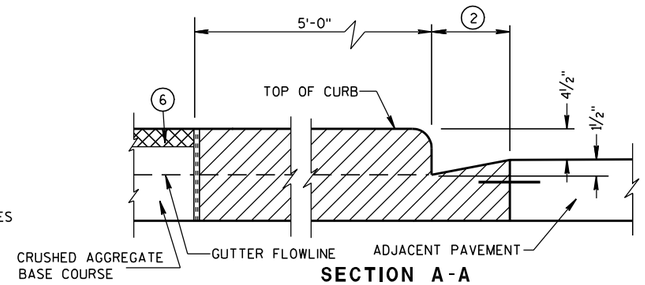
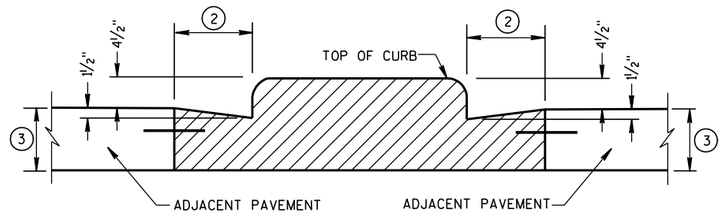




SECTION A-A



SECTION B-B

CONCRETE MEDIAN BLUNT NOSE DETAIL

GENERAL NOTES

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

(1) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

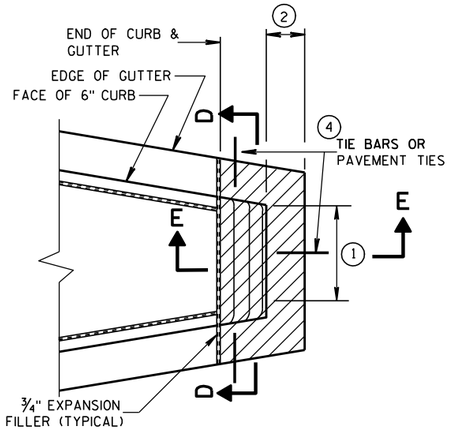
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

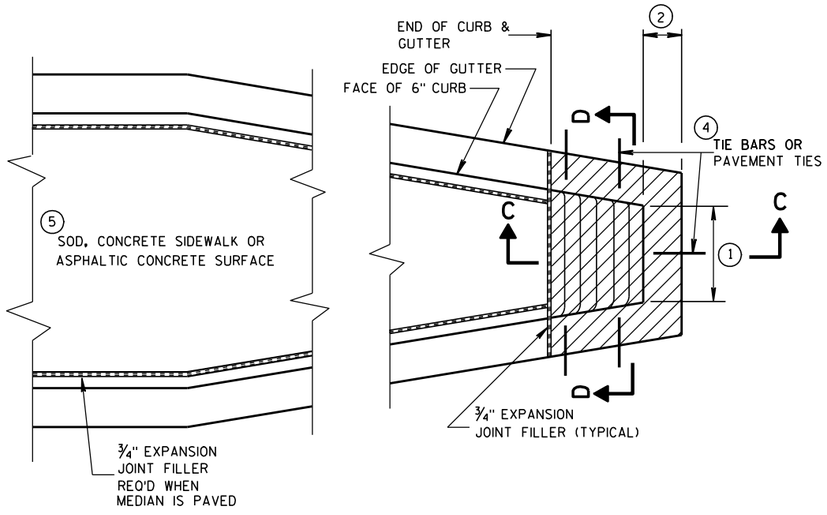
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

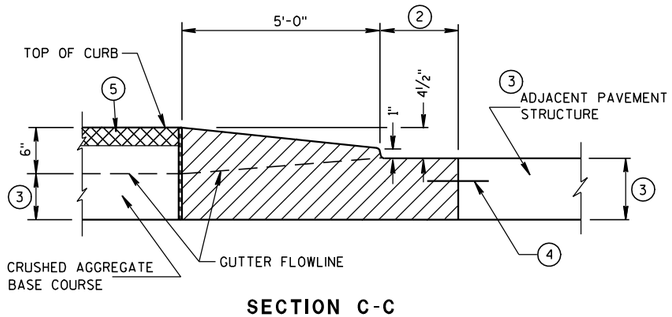
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

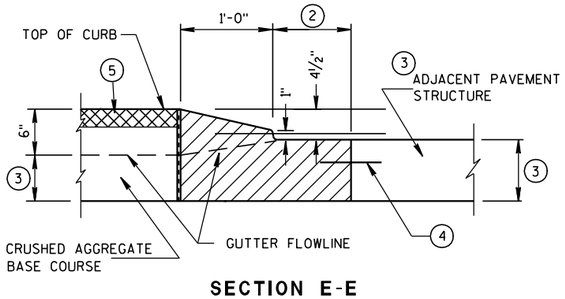
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.







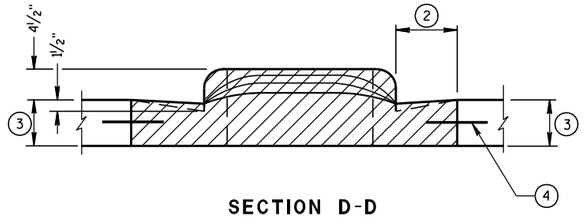
SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 1

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 6/8/2006 DATE	/S/ Jerry H. [illegible] ROADWAY STANDARDS ENGINEER 95 NT
FHWA	

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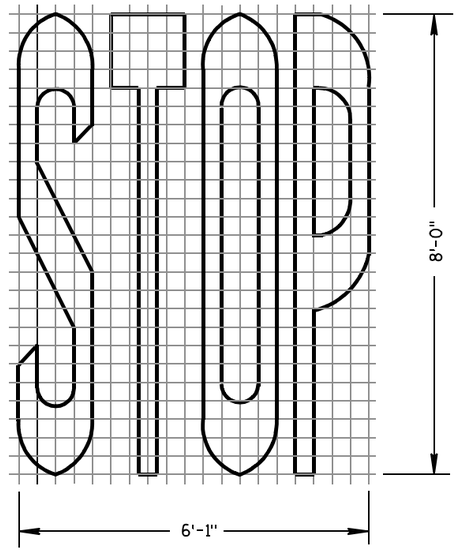
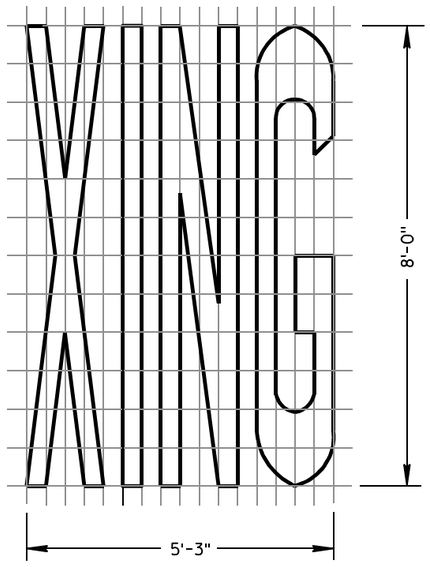
S.D.D. 11 B 2-2

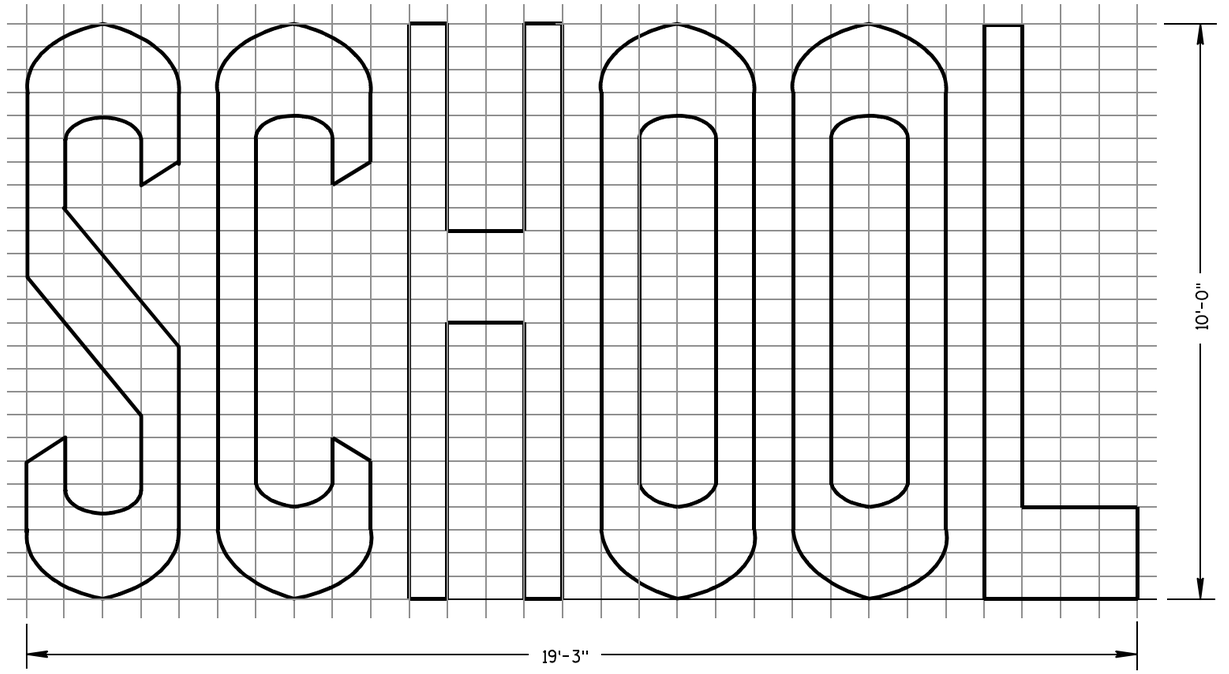
GENERAL NOTES

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

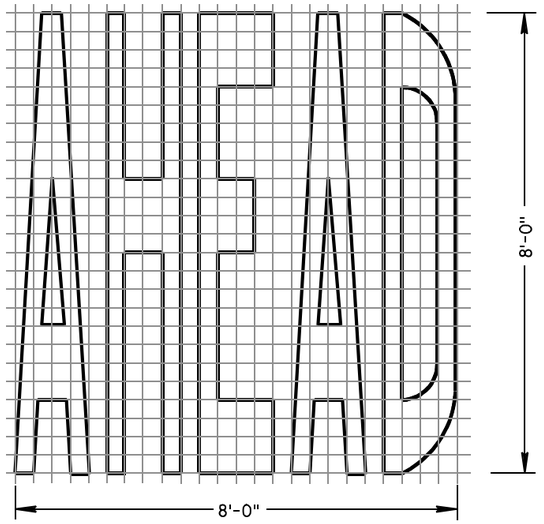
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.

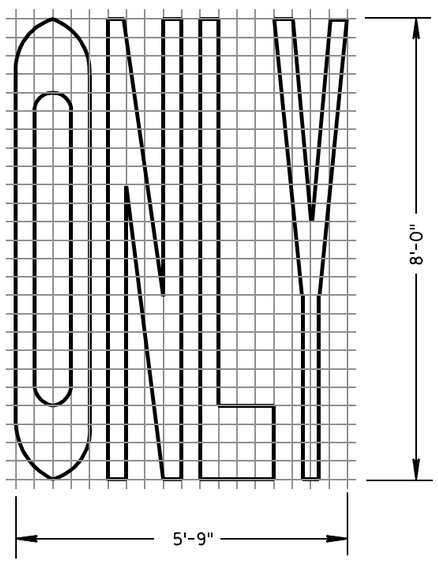


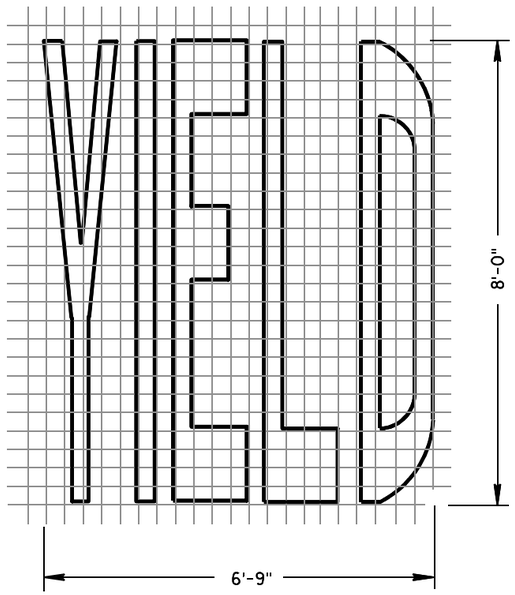


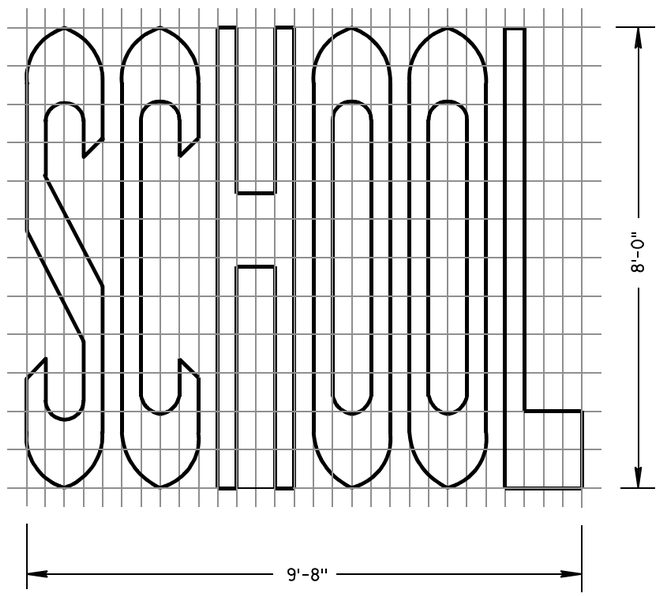


TWO-LANE









SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7-1-11 DATE — /S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER — IGN

FHWA

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S.D.D. 15 C 7-12b

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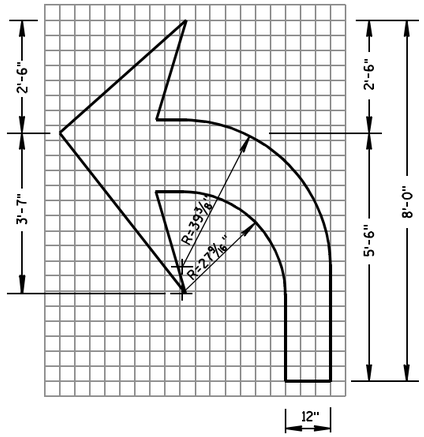
S.D.D. 15 C 7-12b

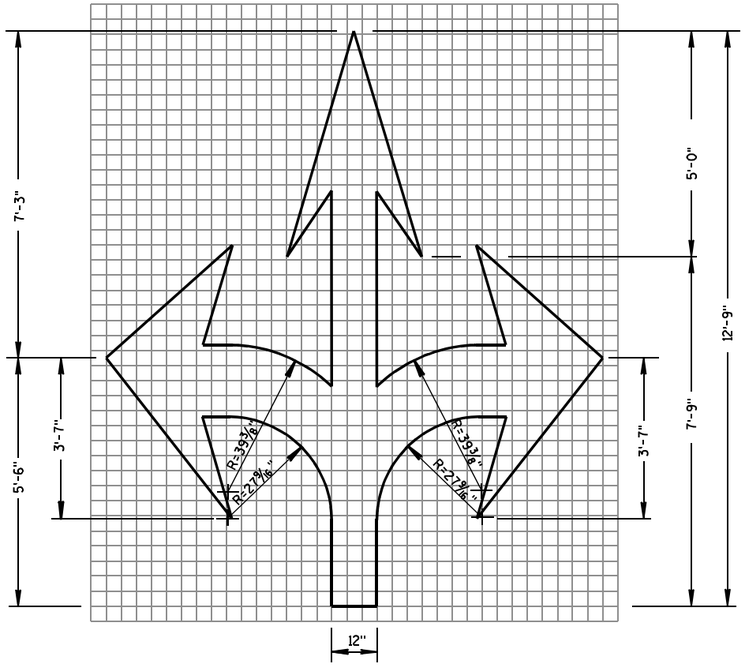
GENERAL NOTES

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

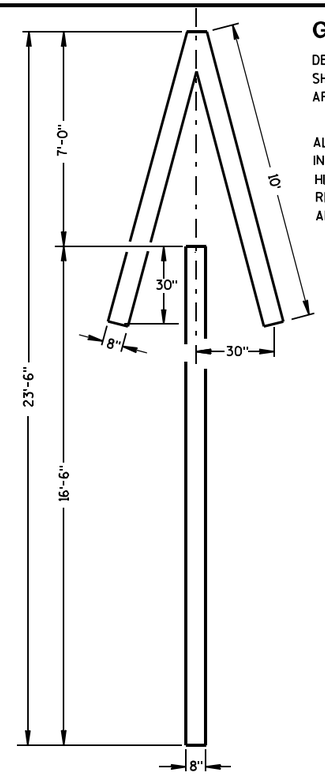
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.



TYPE 2



TYPE 6



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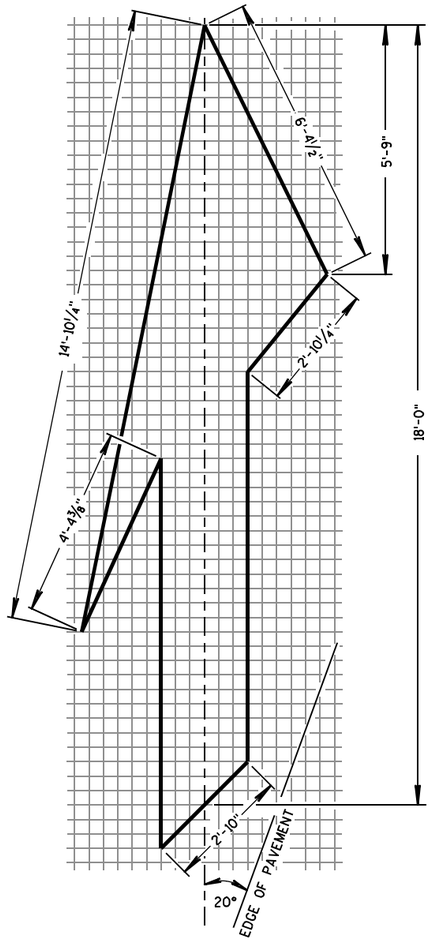
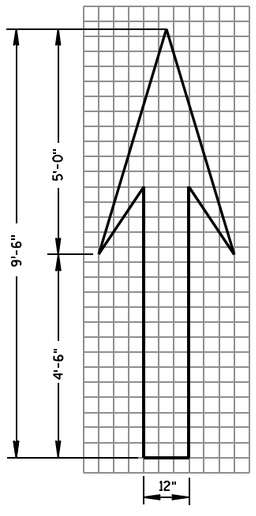
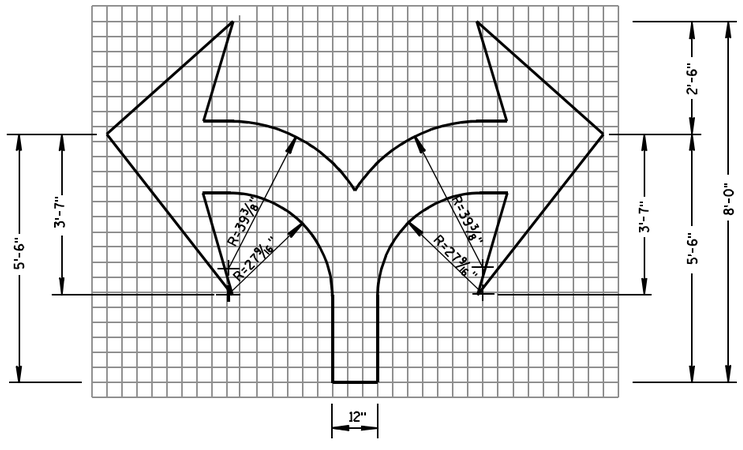


TYPE 5 LANE DROP ARROW



TYPE 1



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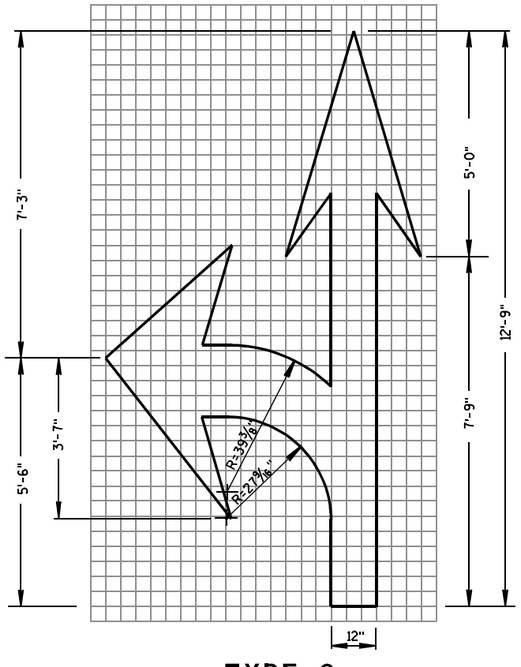

TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

7/1/11 — DATE

/S/ Thomas N. Nothdurft — STATE TRAFFIC ENGINEER

FHWA

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S.D.D. 15 C 7-12c

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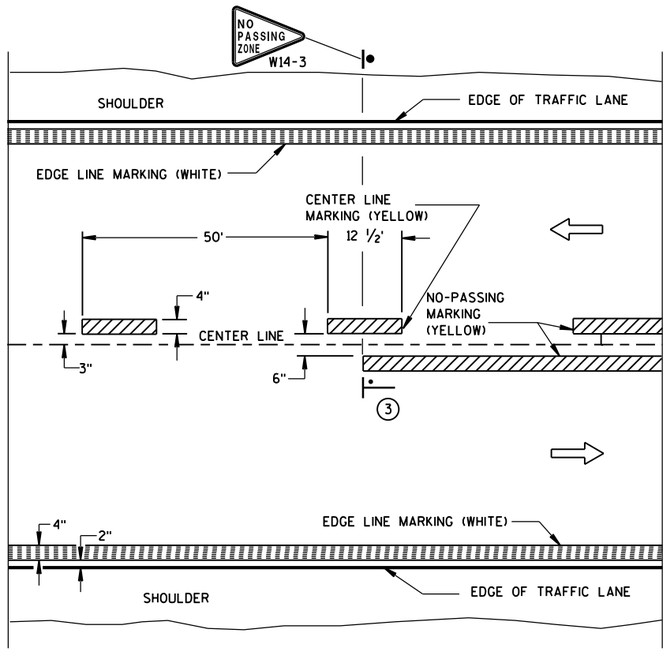
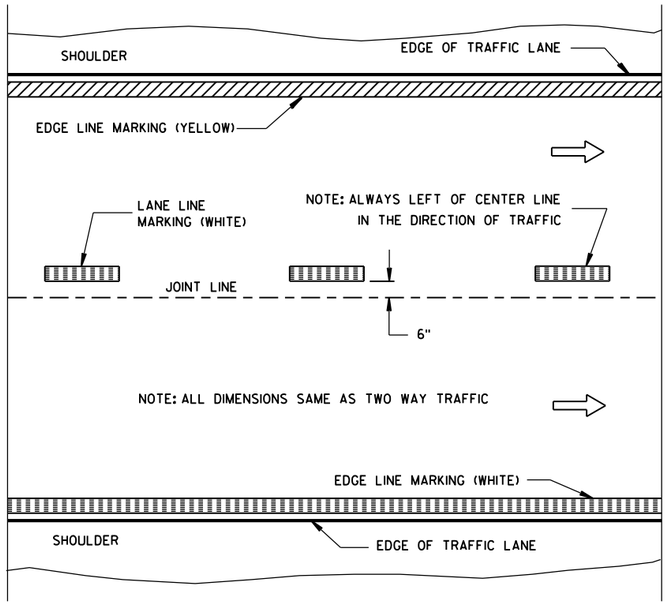
S.D.D. 15 C 7-12c

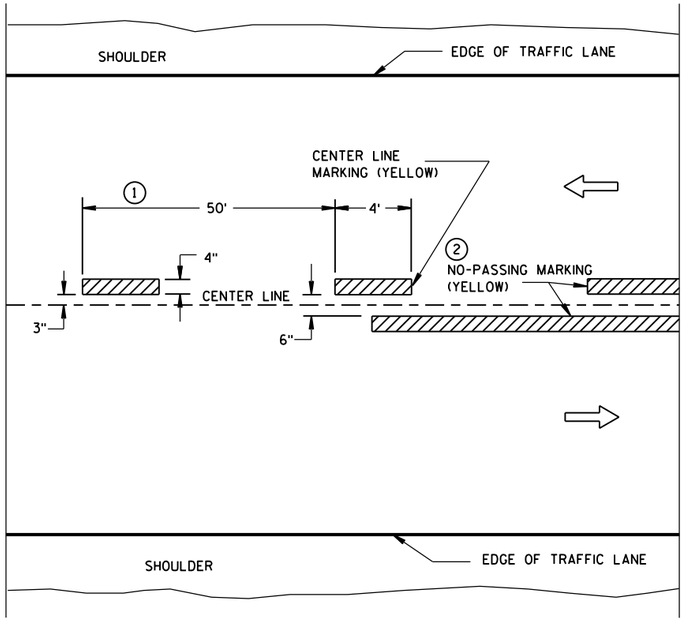


TWO WAY TRAFFIC

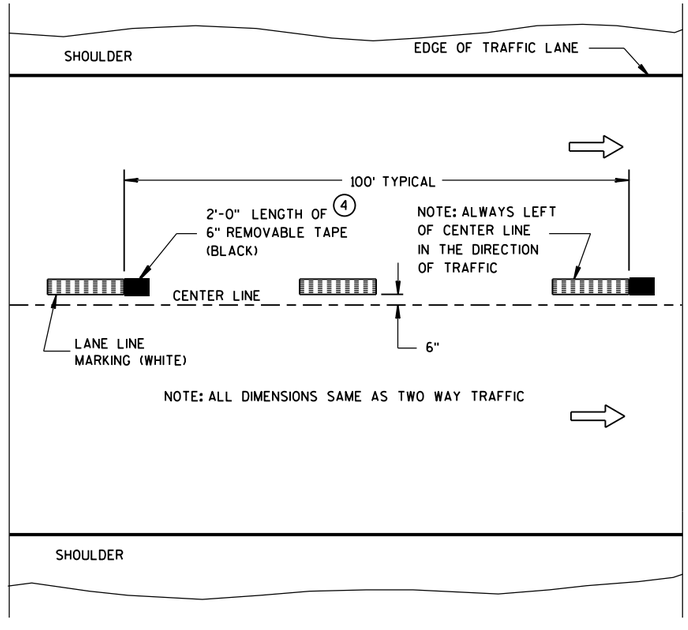


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

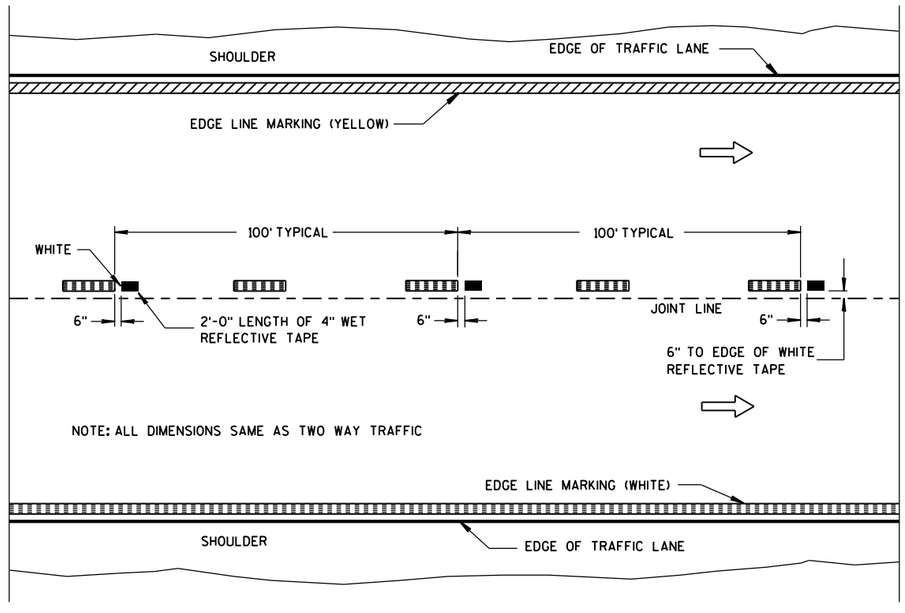
GENERAL NOTES

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

1. HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
2. NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
3. NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
4. CONCRETE ONLY.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

"T" MARKING

POST MOUNTED SIGN

PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5-13-2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

FHWA

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S.D.D. 15 C 8-16a

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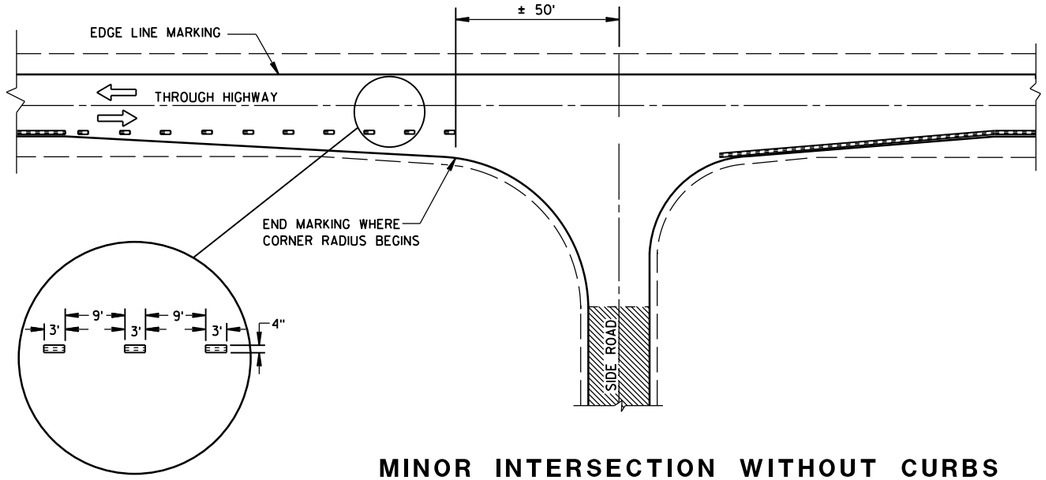
S.D.D. 15 C 8-16a



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.

(4) THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.

(5) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(6) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

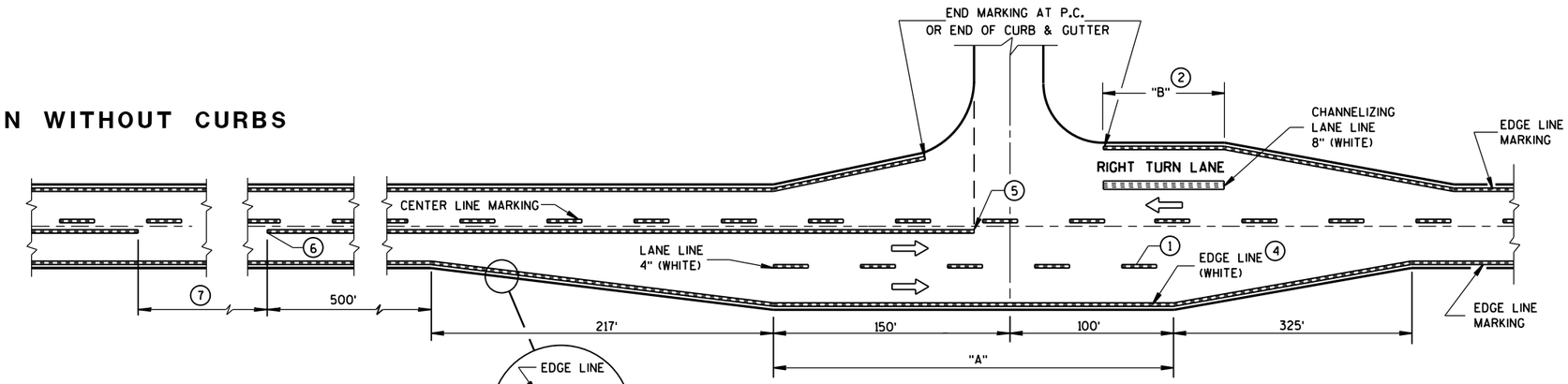
(7) IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.

(8) 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

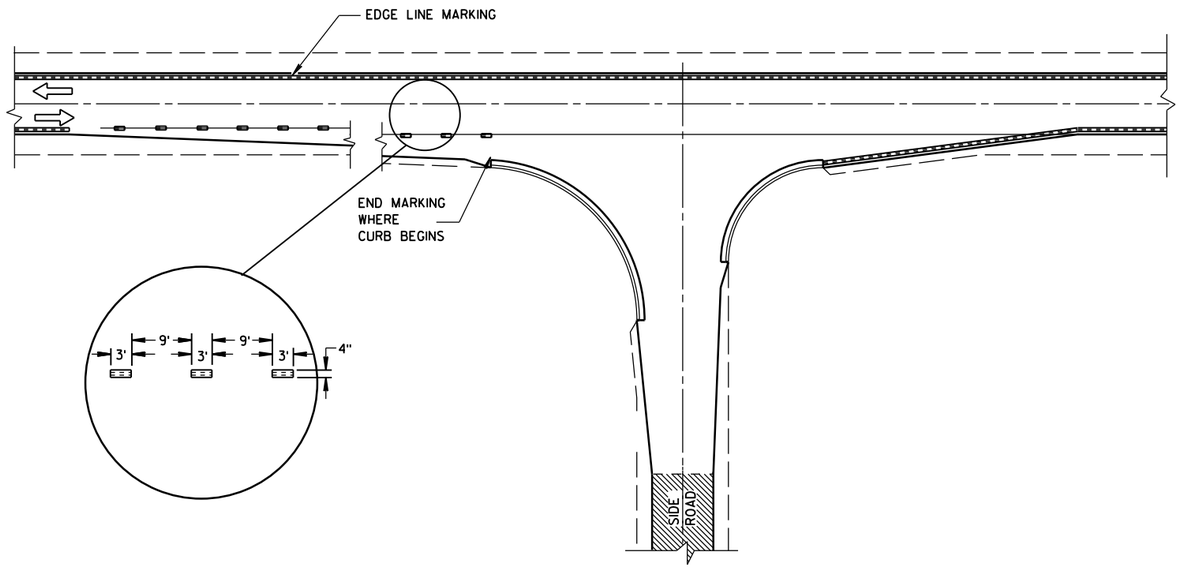
(7)

POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



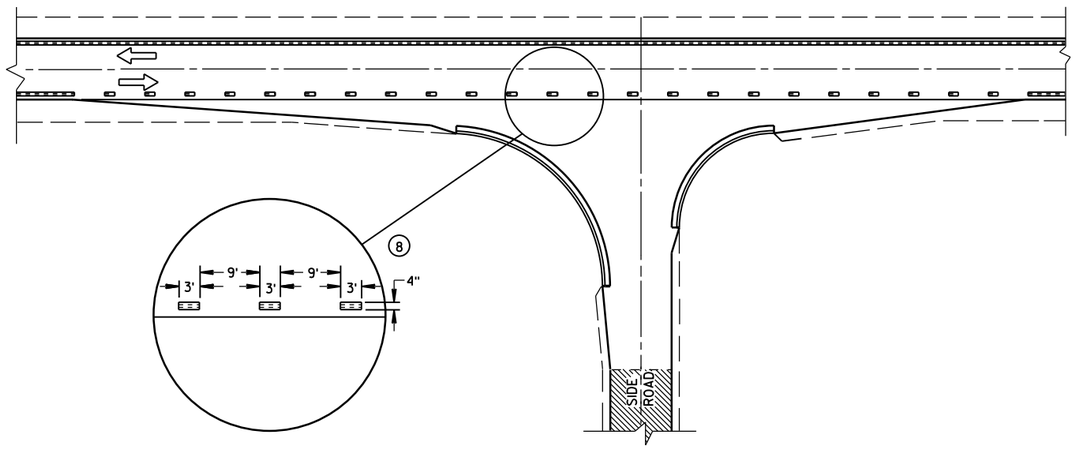
MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



MINOR INTERSECTION WITH CURBS

(TYPICAL MARKING)



MINOR INTERSECTION WITH CURBS

(3) (FOR SPECIAL CONDITIONS AS SPECIFIED)

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 C 8-16b

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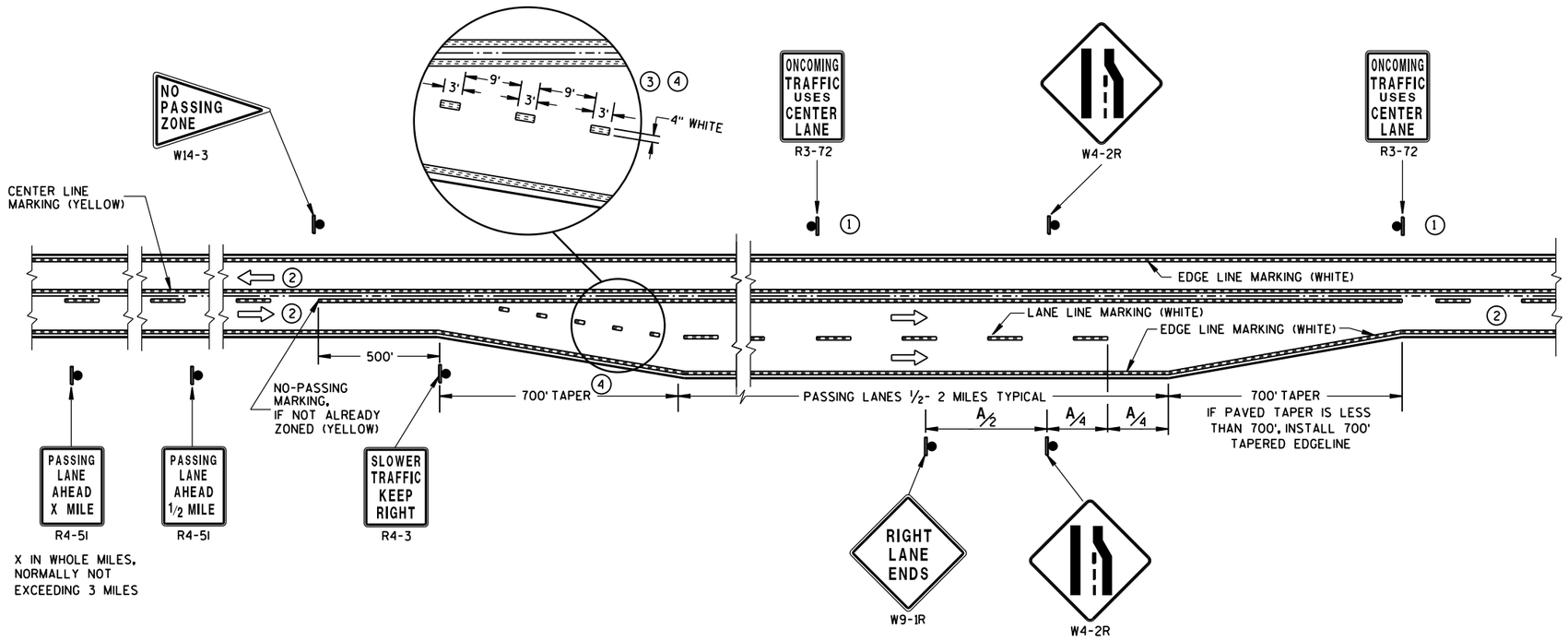
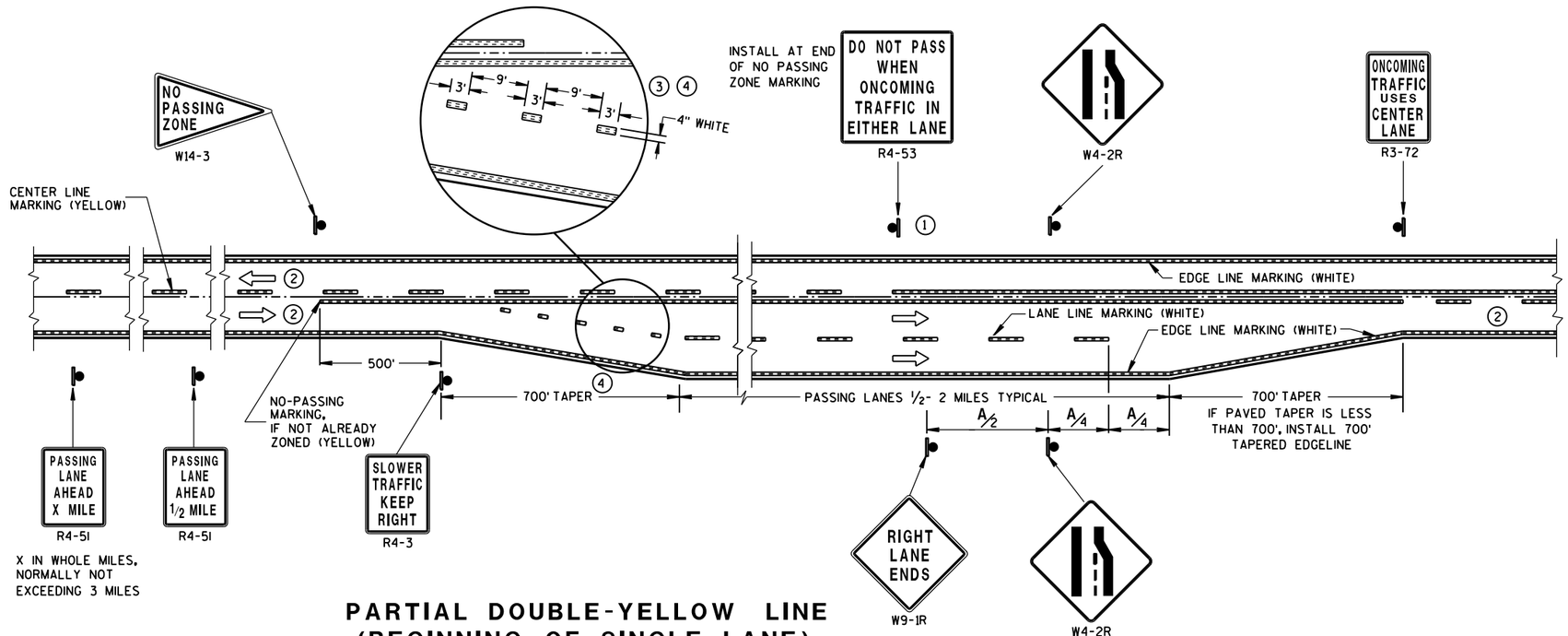
S.D.D. 15 C 8-16b



SOLID DOUBLE-YELLOW LINE
(THROUGHOUT ENTIRE PASSING/CLIMBING LANE)



PARTIAL DOUBLE-YELLOW LINE
(BEGINNING OF SINGLE LANE)

GENERAL NOTES

1. SIGN SHALL BE REPEATED AT 1 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
2. THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
3. THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3'LINE 9'GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
4. WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950

PAVEMENT MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 C 8-16c

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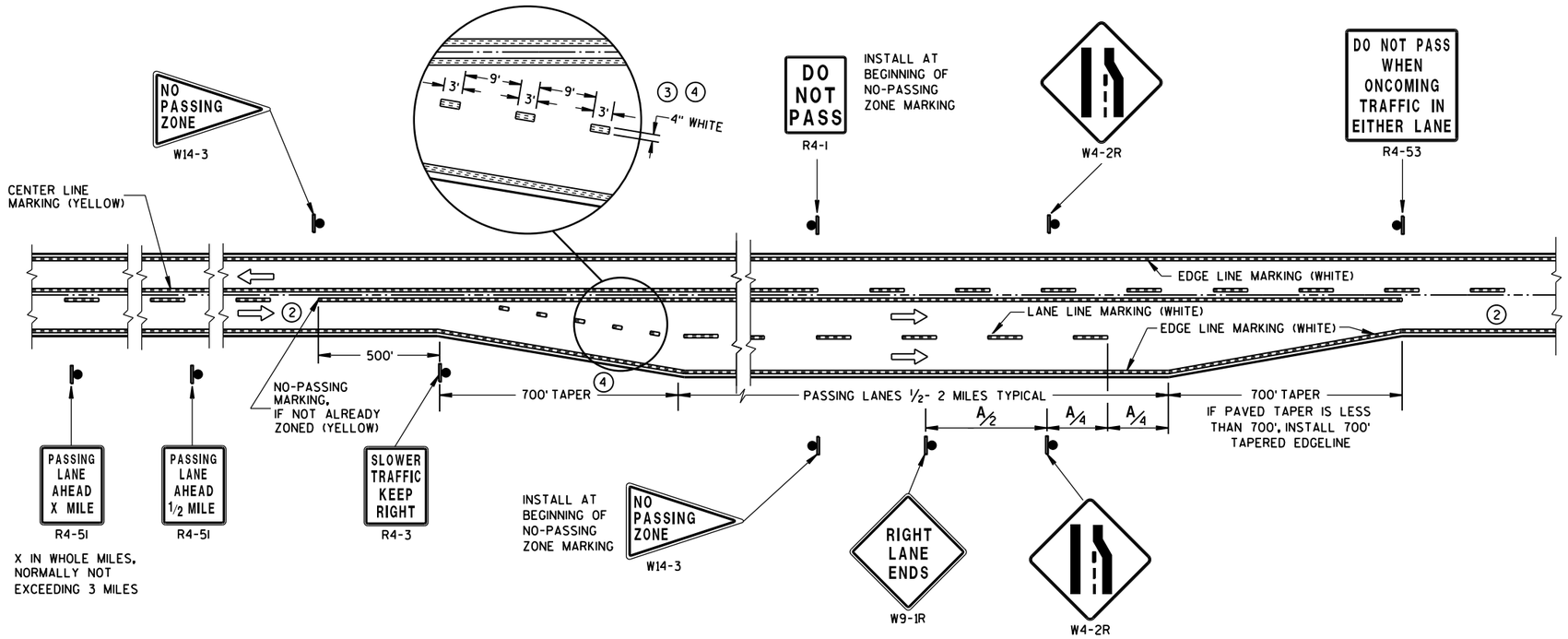
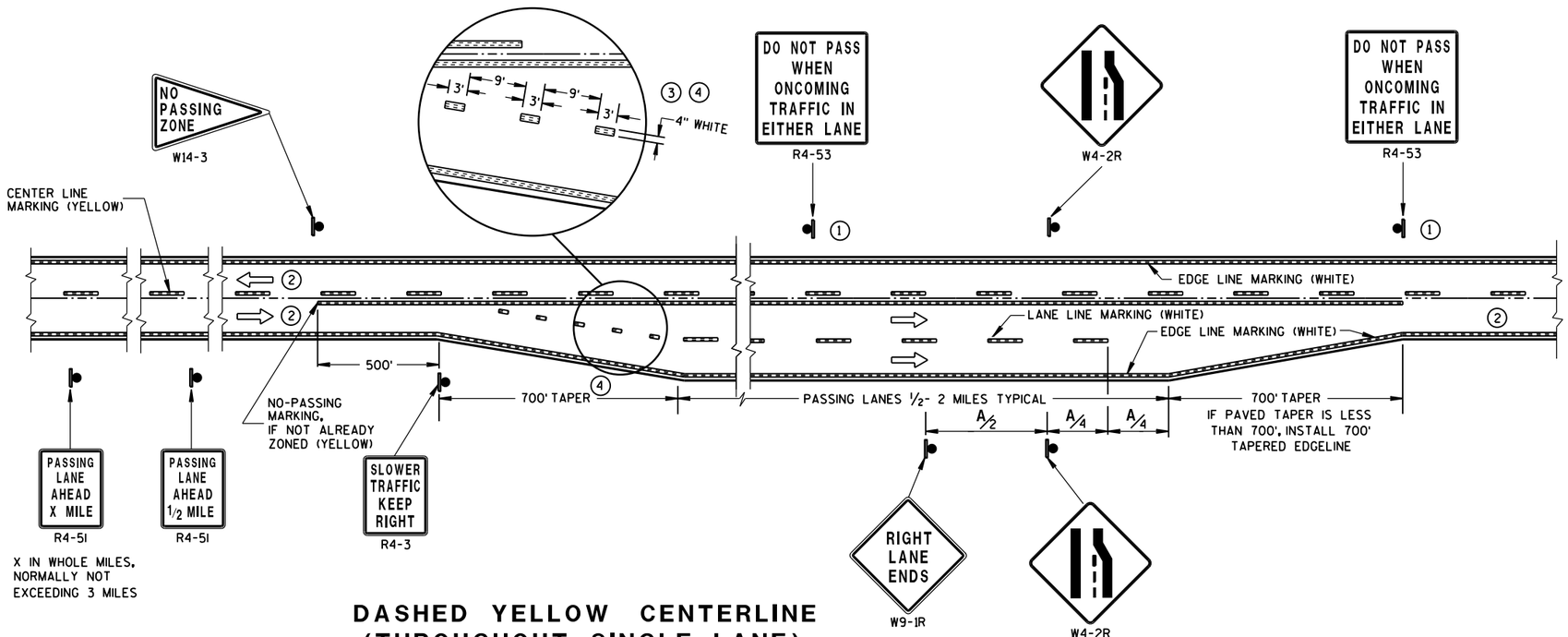
S.D.D. 15 C 8-16c



SOLID DOUBLE-YELLOW LINE (END OF SINGLE LANE)



DASHED YELLOW CENTERLINE (THROUGHOUT SINGLE LANE)

GENERAL NOTES

1. SIGN SHALL BE REPEATED AT 1/2 MILE INCREMENTS OR AT THE DISCRETION OF THE REGIONAL TRAFFIC ENGINEER.
2. THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
3. THE TAPER LENGTH OF THE DOTTED LINE PAVEMENT MARKING SHALL BE 700 FEET, 3'LINE 9'GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
4. WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE PASSING/CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT INSTALL DOTTED LINE PAVEMENT MARKING.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

DISTANCE TABLE

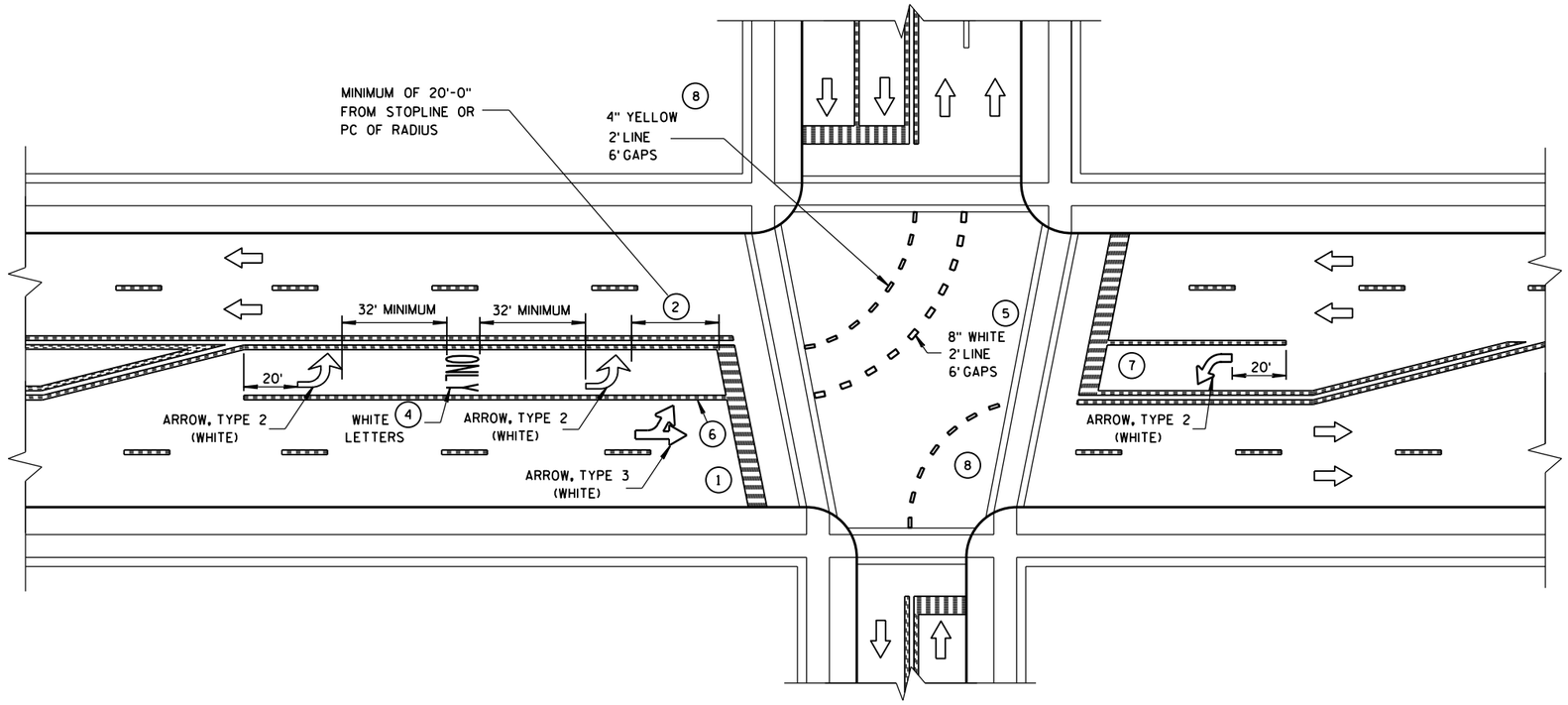
POSTED OR 85th PERCENTILE SPEED	DISTANCE "A"
45	750
50	850
55	950

PAVEMENT MARKING & SIGNING (CLIMBING LANE & PASSING LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

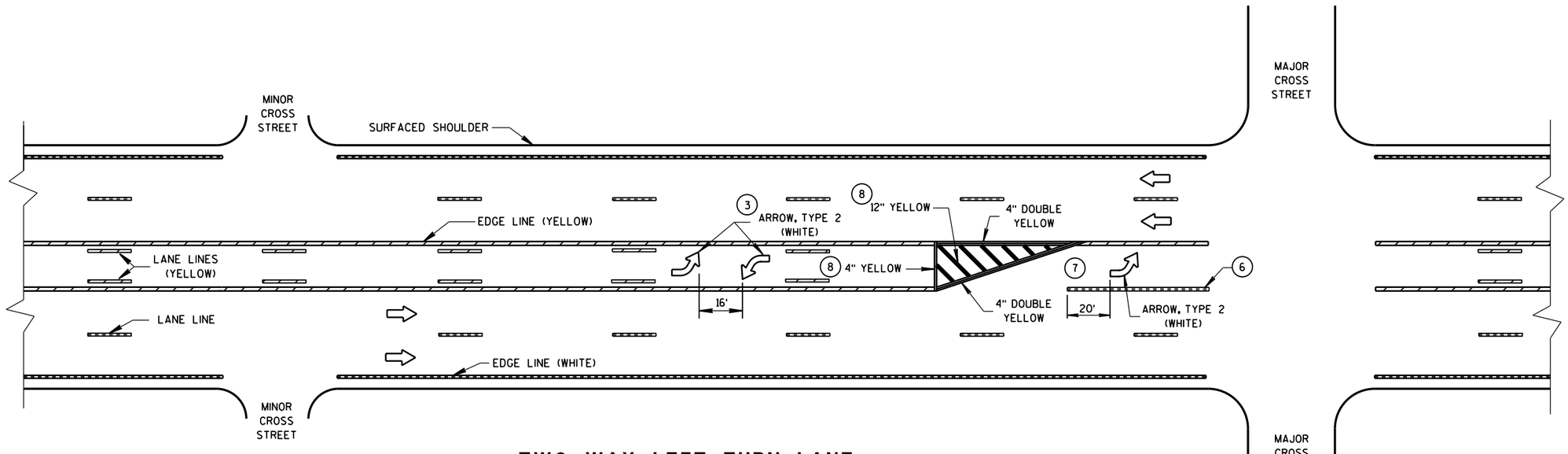
S.D.D. 15 C 8-16d



GENERAL NOTES

1. STOP BAR IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
2. DISTANCE MAY BE ADJUSTED TO ACCOMODATE SHORT LEFT TURN LANES. AS APPROVED BY THE ENGINEER.
3. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
4. ADD EXTRA SETS OF ONE ARROW AND ONE ONLY PER 160 FEET OR WHEN ON A CURVE.
5. 8" WHITE WITH 2' LINE 6' GAPS FOR DUAL TURN LANE.
6. 8" WHITE
7. ADD SECOND ARROW WHEN TURN BAY IS GREATER THAN OR EQUAL TO 108 FEET.
8. REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TWO WAY LEFT TURN LANE

PAVEMENT MARKING (LEFT TURN LANE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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S.D.D. 15 C 8-16e

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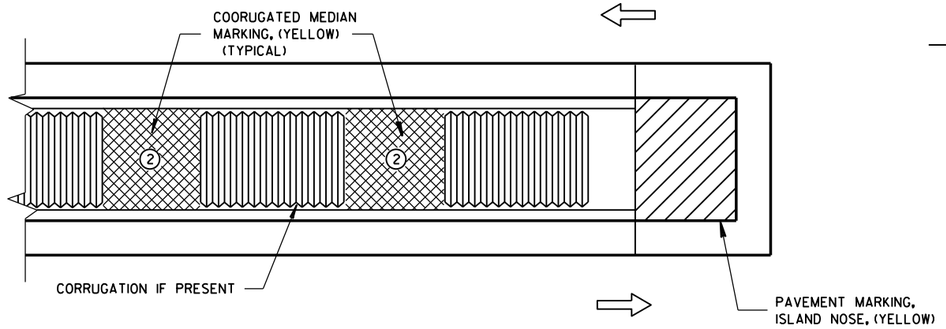
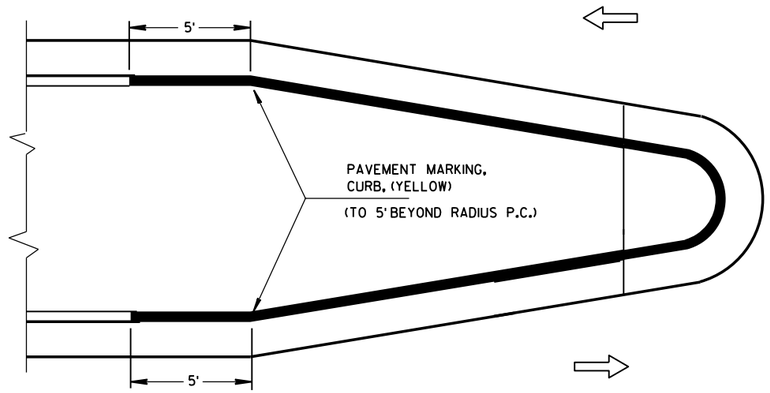
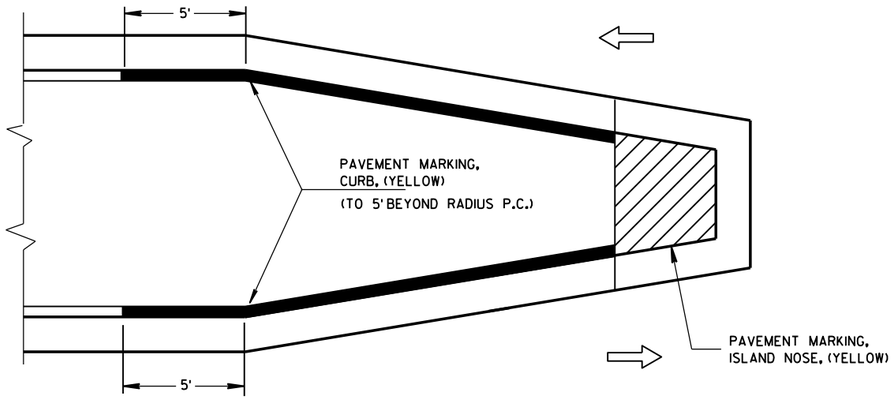
S.D.D. 15 C 8-16e



MEDIAN ISLAND WITH SQUARE BLUNT NOSE

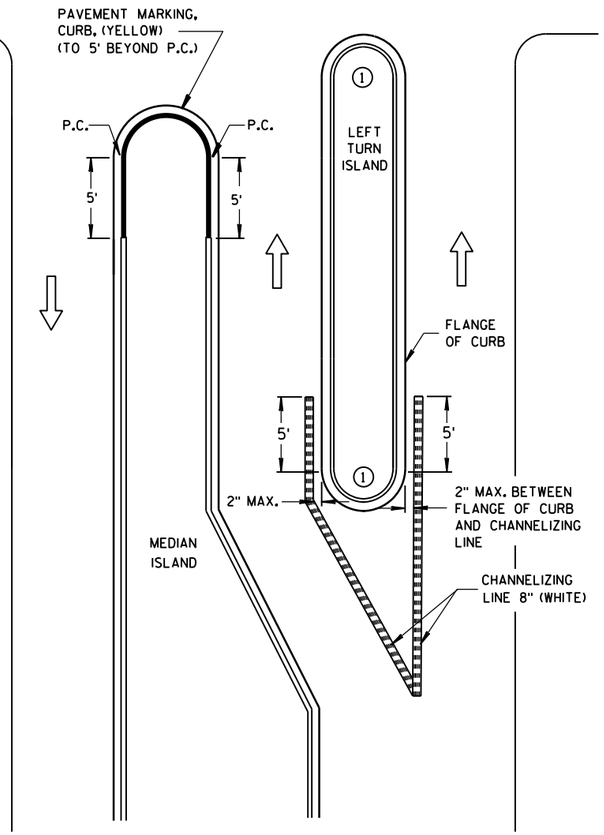


MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

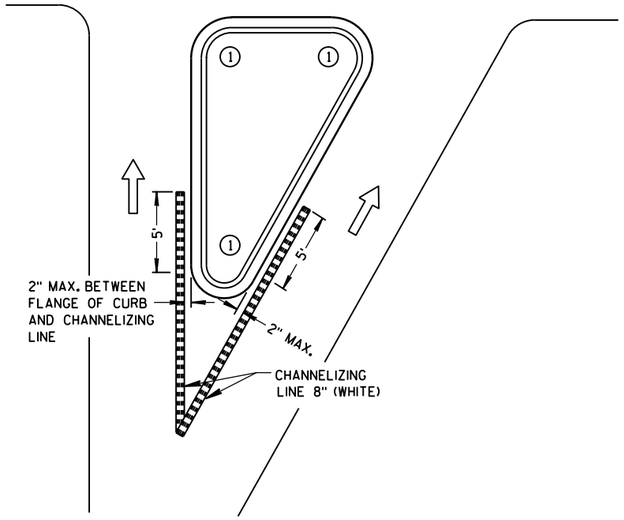


LEFT TURN & MEDIAN ISLAND

GENERAL NOTES

1. DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.

2. WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



RIGHT TURN ISLAND

LEGEND

- ISLAND NOSE MARKING
- CURB MARKING
- CORRUGATED MEDIAN MARKING
- DIRECTION OF TRAVEL

PAVEMENT MARKING
(ISLANDS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 C 8-16f

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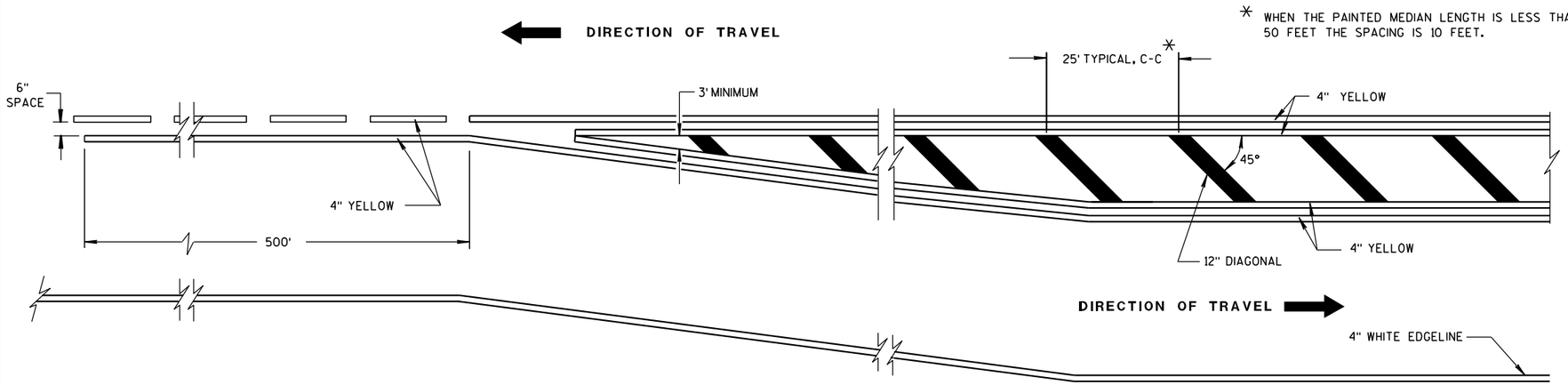
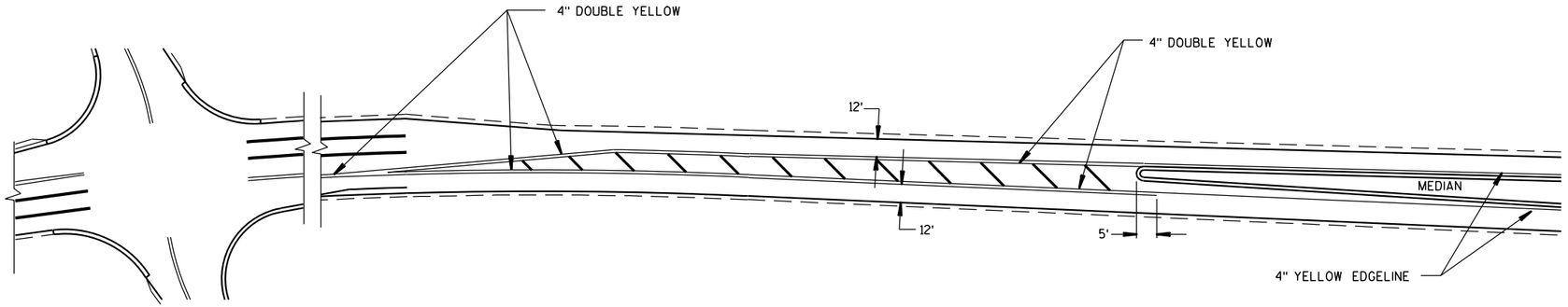
S.D.D. 15 C 8-16f



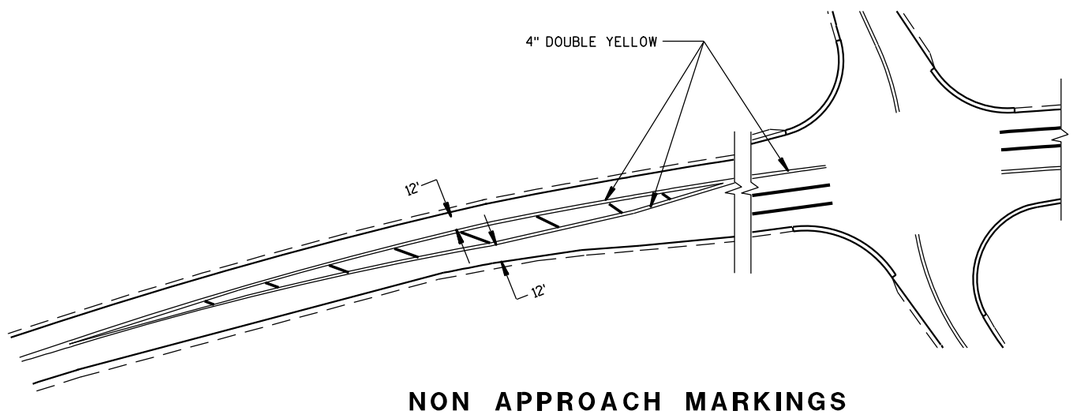
MEDIAN ISLAND DETAIL

GENERAL NOTE

DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT WIDEST POINT.



APPROACH MARKINGS FOR OTHER MEDIAN TYPES



NON APPROACH MARKINGS

MEDIAN ISLAND MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 2-5-09 DATE	/S/ Thomas N. Nothohm STATE TRAFFIC ENGINEER
FHWA	104 IGN

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S.D.D. 15 C 18-3

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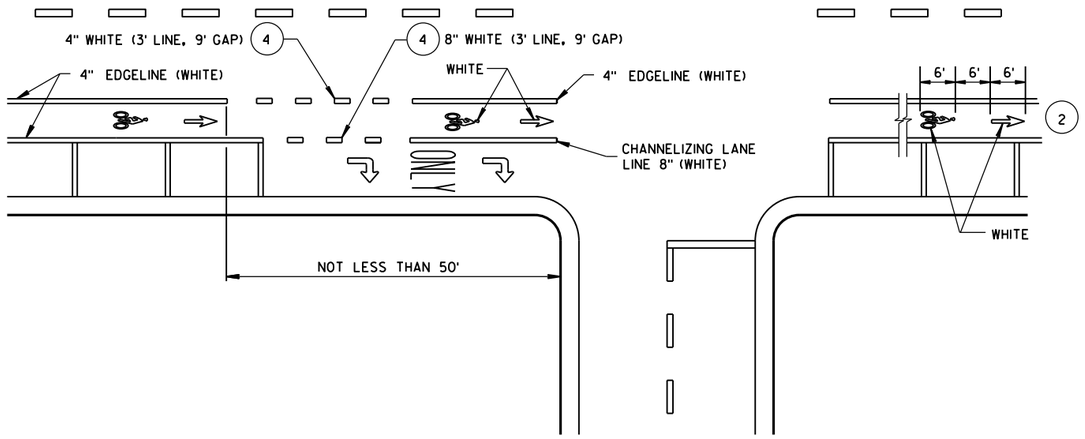
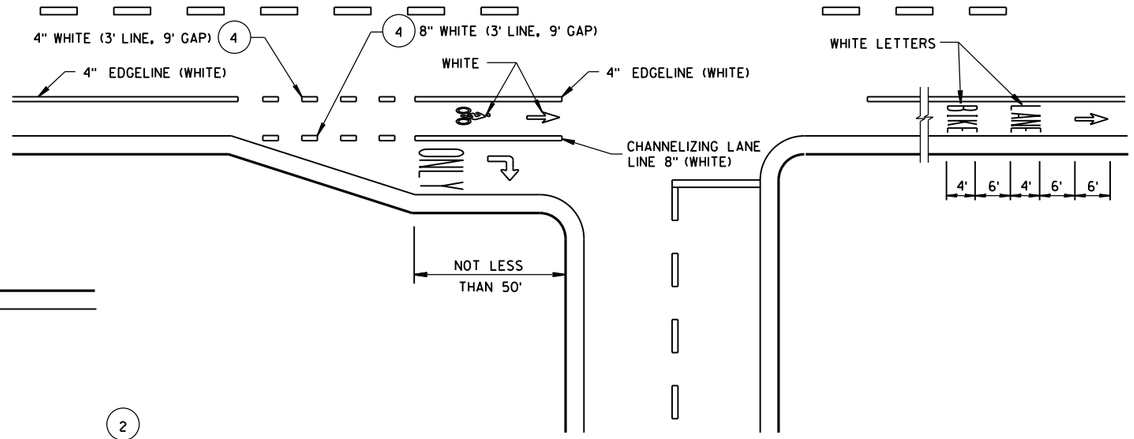
S.D.D. 15 C 18-3



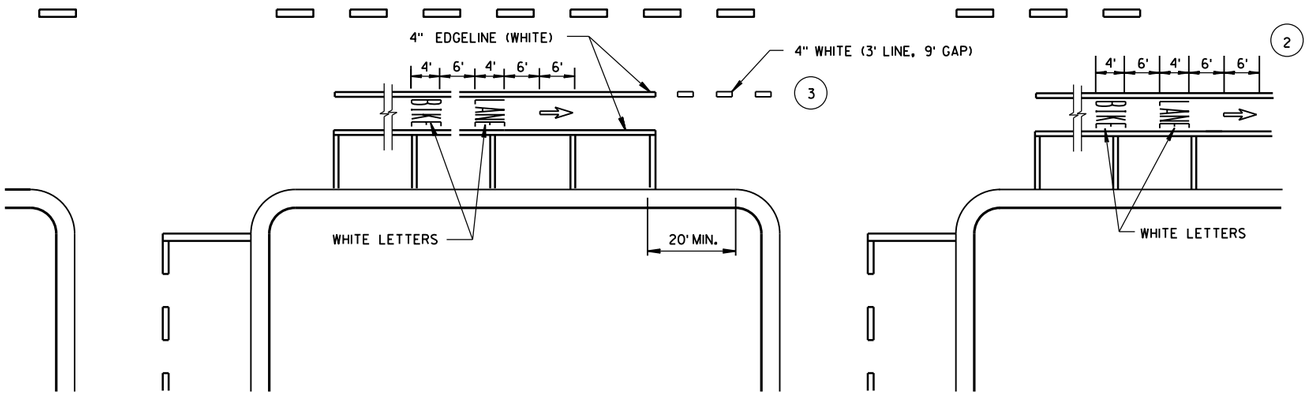
DESIGNATED BICYCLE LANE

GENERAL NOTES

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. THE SERIES OF PAVEMENT MARKING SYMBOLS SHALL BE REPEATED AFTER INTERSECTIONS AND SPACED A MAXIMUM OF 250'. NO PAVEMENT MARKING WILL TAKE PLACE IN THE CROSSWALK.
3. DOTTED LINES SHOULD BE USED 50' TO 200' IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. WHEN SPECIFIED IN THE CONTRACT.



DESIGNATED BICYCLE LANE
NO PARKING, RIGHT TURN LANE



DESIGNATED BICYCLE LANE
WITH PARKING, NO RIGHT TURN LANE

URBAN BICYCLE LANE MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
4/30/2013 DATE	/S/ Travis Feltes STATE TRAFFIC E
FHWA	

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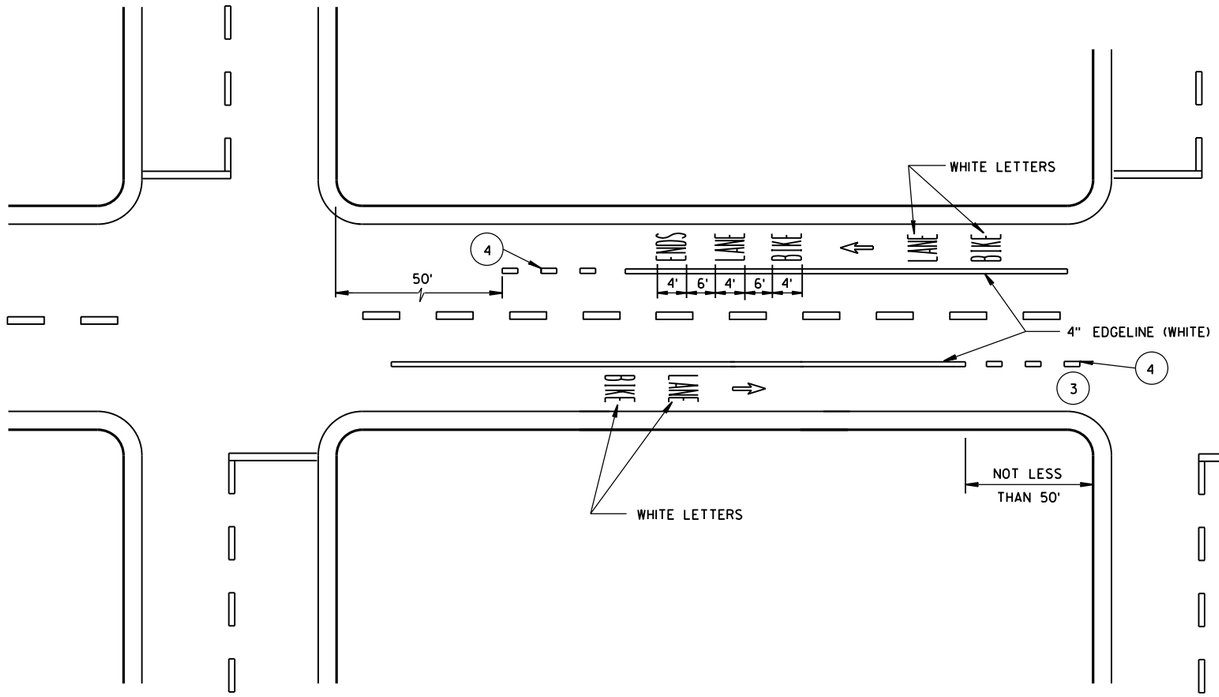
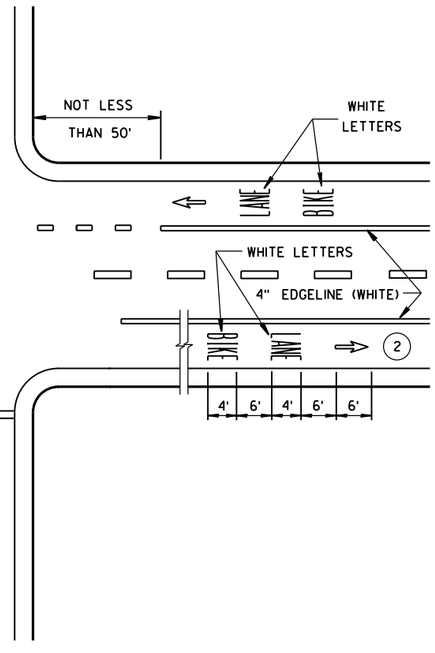
S.D.D. 15 C 29-3c

GENERAL NOTES

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. THE SERIES OF PAVEMENT MARKING SYMBOLS SHALL BE REPEATED AFTER INTERSECTIONS AND SPACED A MAXIMUM OF 250'. NO PAVEMENT MARKING WILL TAKE PLACE IN THE CROSSWALK.
3. DOTTED LINES SHOULD BE USED 50' TO 200' IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. 3' LINE, 9' GAP - 4" WIDE, WHITE.





DESIGNATED BICYCLE LANE
NO PARKING

URBAN BICYCLE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/30/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC EN
FHWA

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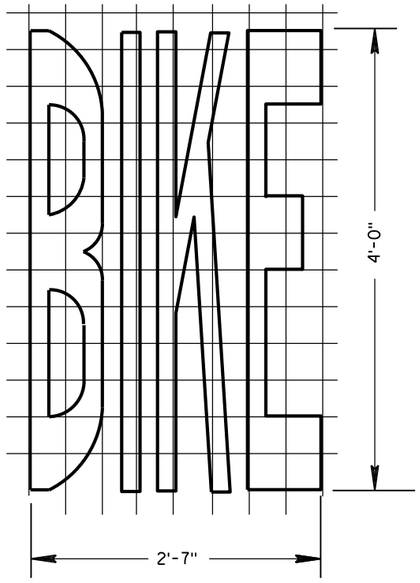
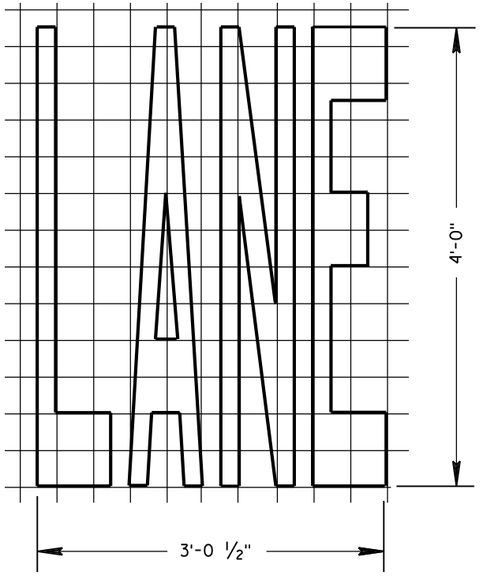
S.D.D. 15 C 29-3d

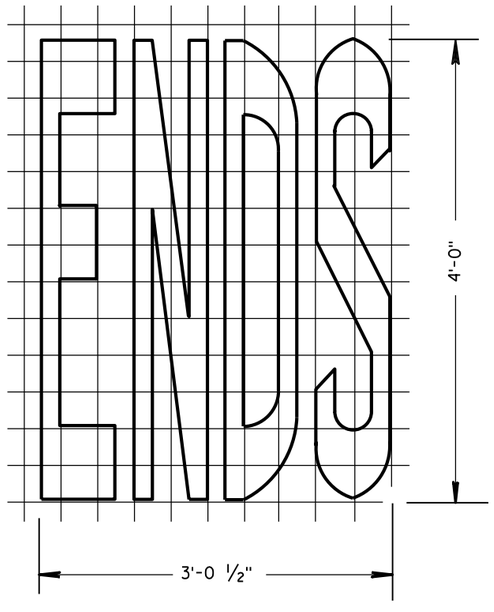
GENERAL NOTES

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

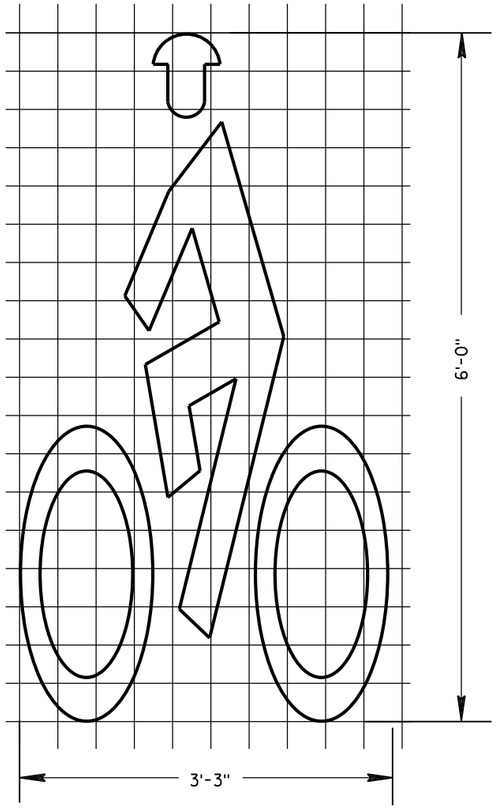
ALL LETTERS, ARROWS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BOOK BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED. SMALL DIFFERENCES IN DIMENSIONS WITHIN THE TOLERANCES OF THAT BOOK ARE ACCEPTABLE.



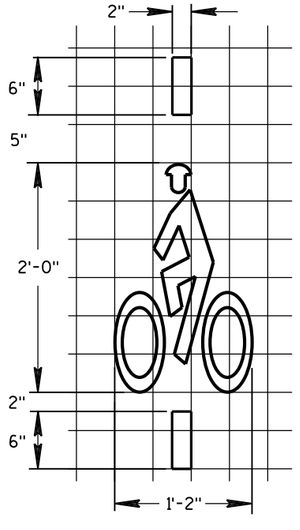




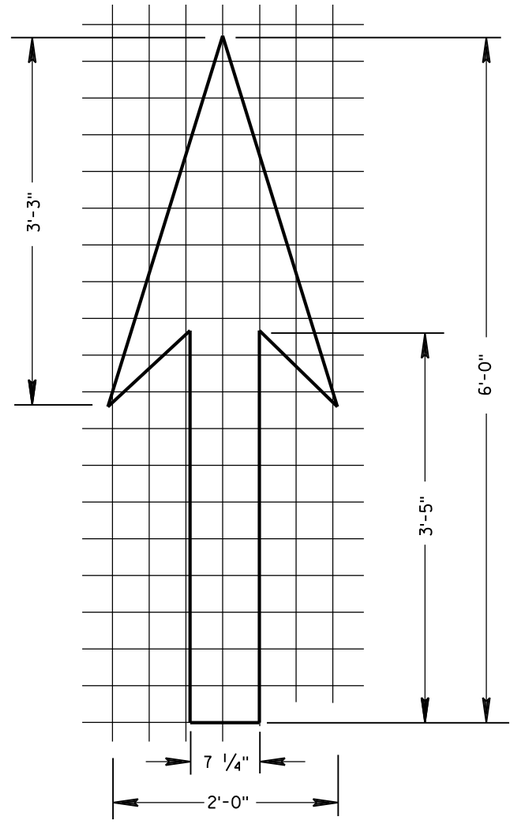
BIKE LANE WORDS



BIKE LANE SYMBOL



BICYCLE DETECTOR PAVEMENT MARKING



BIKE LANE ARROW

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-30-2013
DATE

/S/ Travis Feltes
STATE TRAFFIC EN

FHWA

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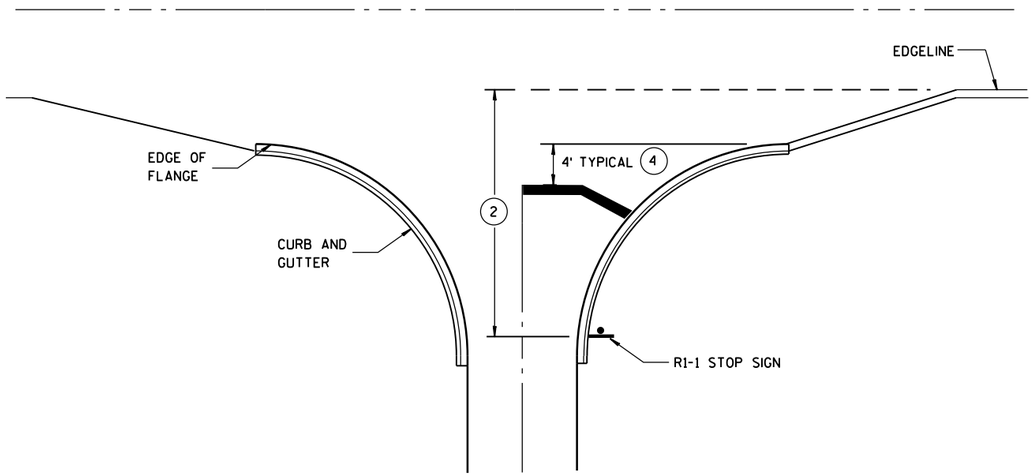
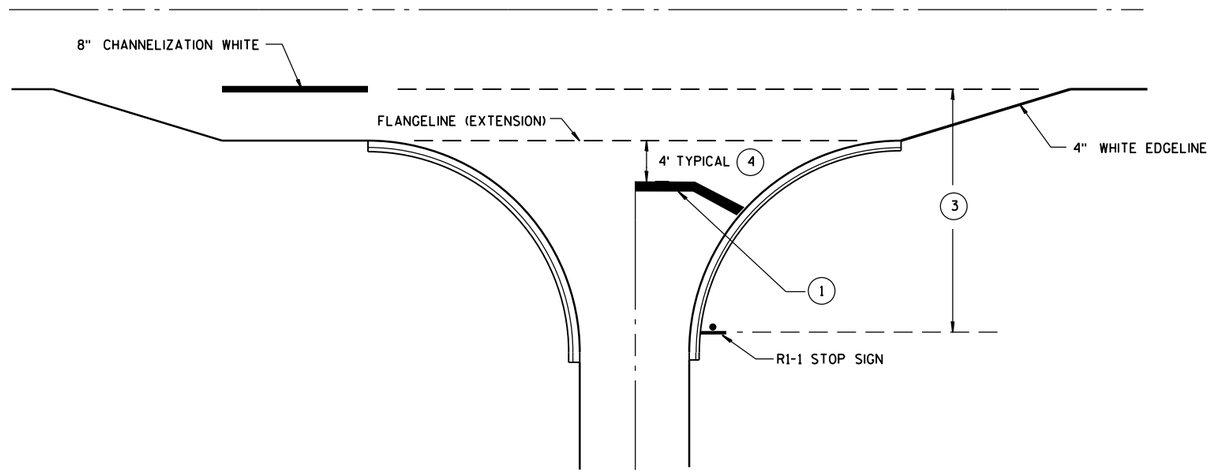
S.D.D. 15 C 29-3e

6

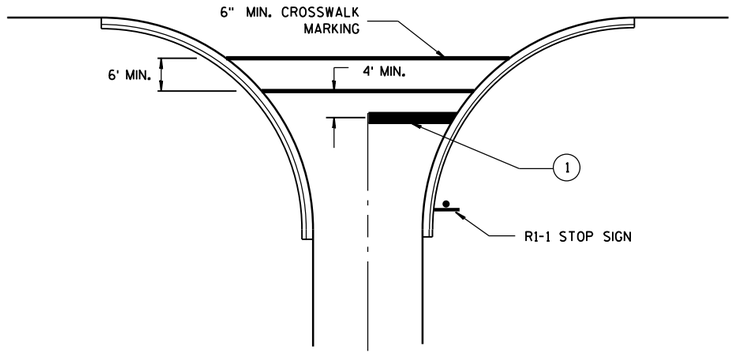
S.D.D. 15 C 29-3e



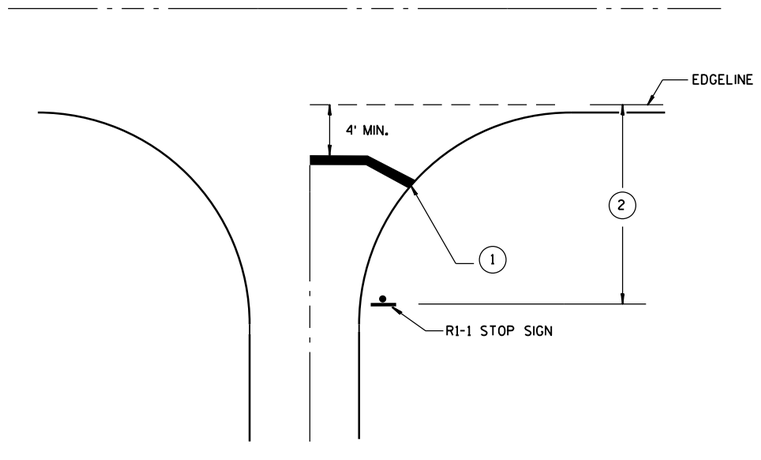
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES.

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

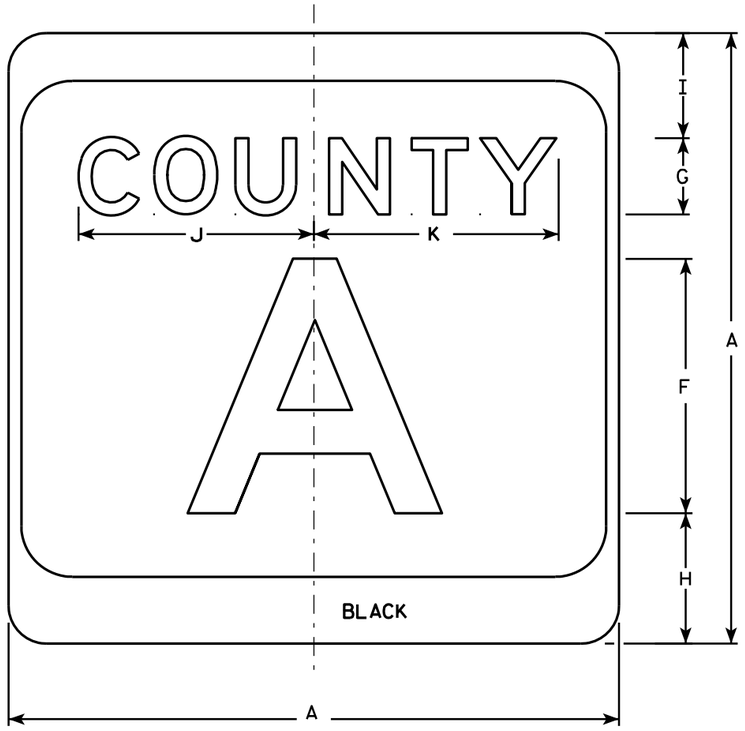
4/30/2013
DATE

/S/ Travis Feltes
STATE TRAFFIC E

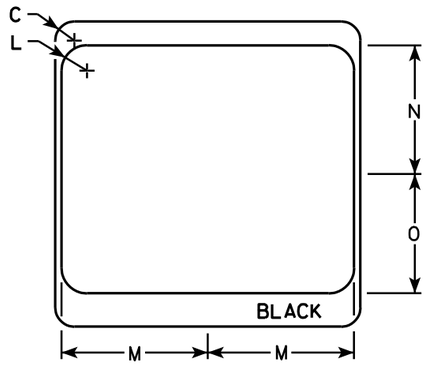
FHWA

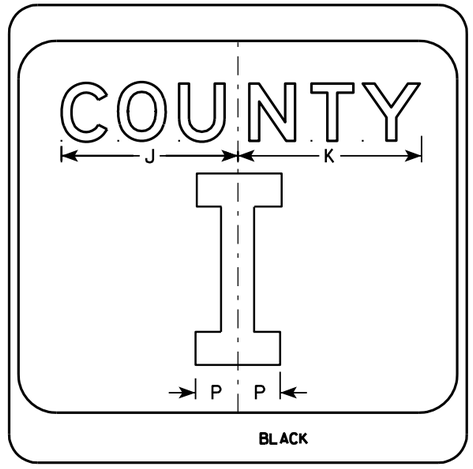
6

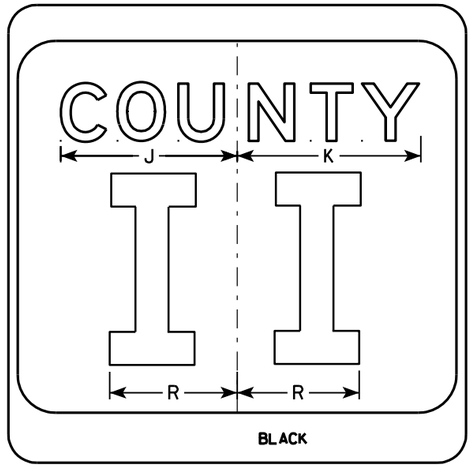
S.D.D. 15 C 33-1



M1-5A







NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   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. 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.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective

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
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

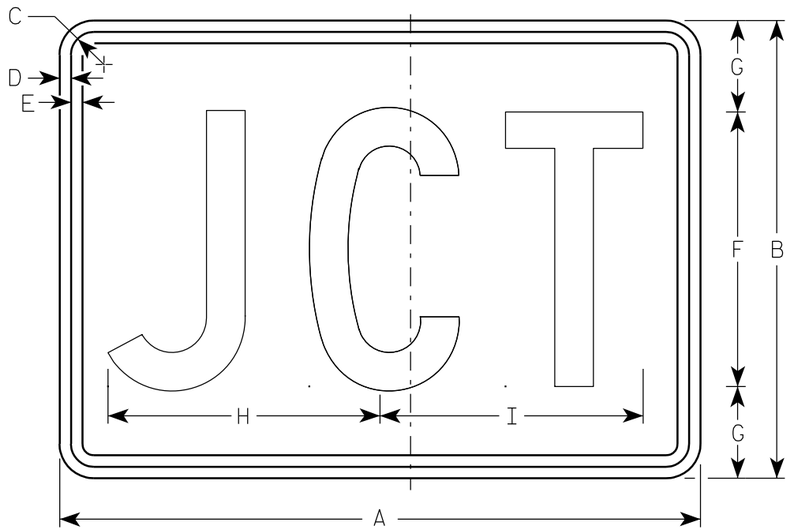
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

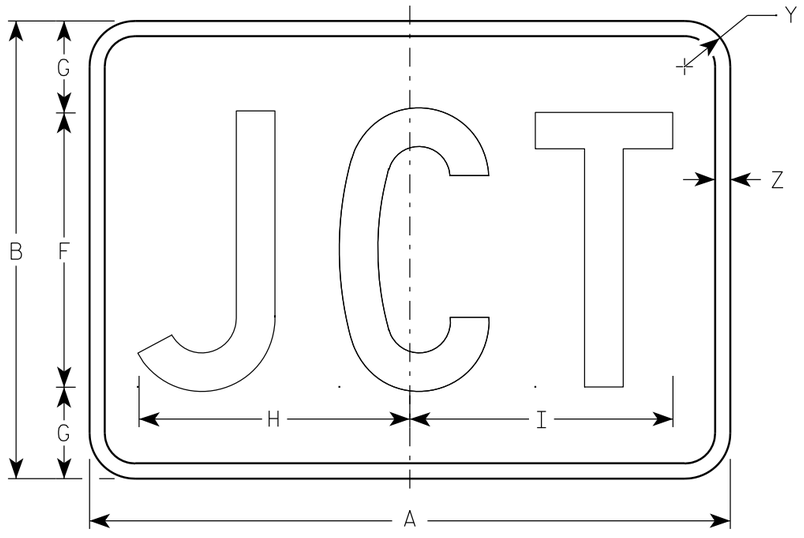
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 9/27/11 PLATE NO. M1-5A.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 109 | E



M2-1
MK2-1
MM2-1
MR2-1



MB2-1
MG2-1
MN2-1

NOTES

1. Sign is Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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. M2-1 Background - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   Message - Black
   MB2-1 Background - Blue
   Message - White - Type H Reflective
   (Detour or temporary Signs - Reflective)
   MG2-1 Background - Green
   Message - White - Type H Reflective
   MK2-1 Background - Green
   Message - White - Type H Reflective
   MM2-1 Background - White - Type H Reflective
   Message - Green
   MN2-1 Background - Brown
   Message - White - Type H Reflective
   MR2-1 Background - Brown
   Message - Yellow - Type H Reflective

Metric equivalent for this sign is:

SIZE	
1	
2	525 mm X 375 mm
3	750 mm X 525 mm
4	750 mm X 525 mm
5	750 mm X 525 mm

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.	Area m2
1																												
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20	0.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40	0.20

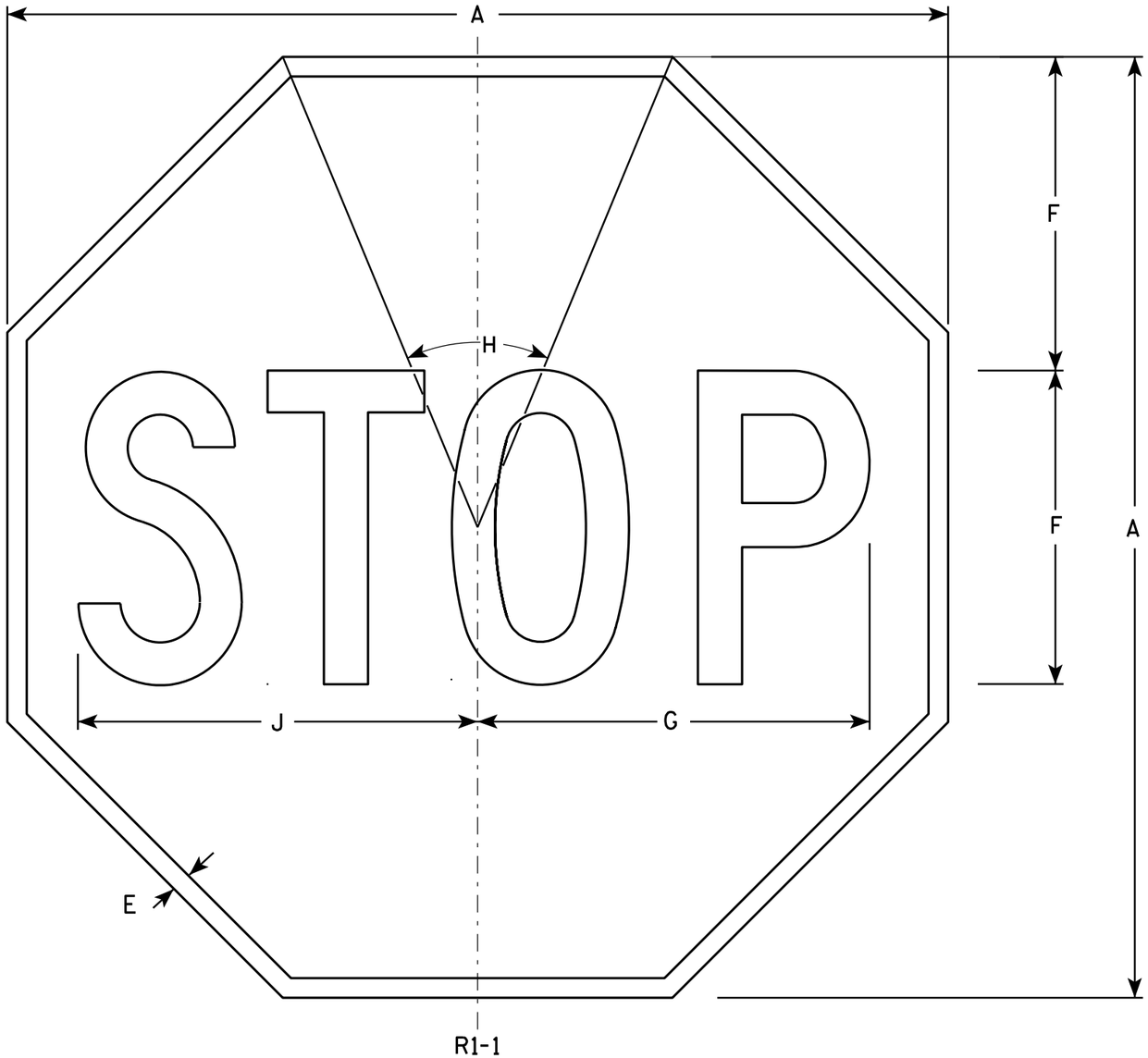
STANDARD SIGN
M2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/10 PLATE NO. M2-1.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 110	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	24				3/8	8	10	45°		10 1/4																	3.31
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

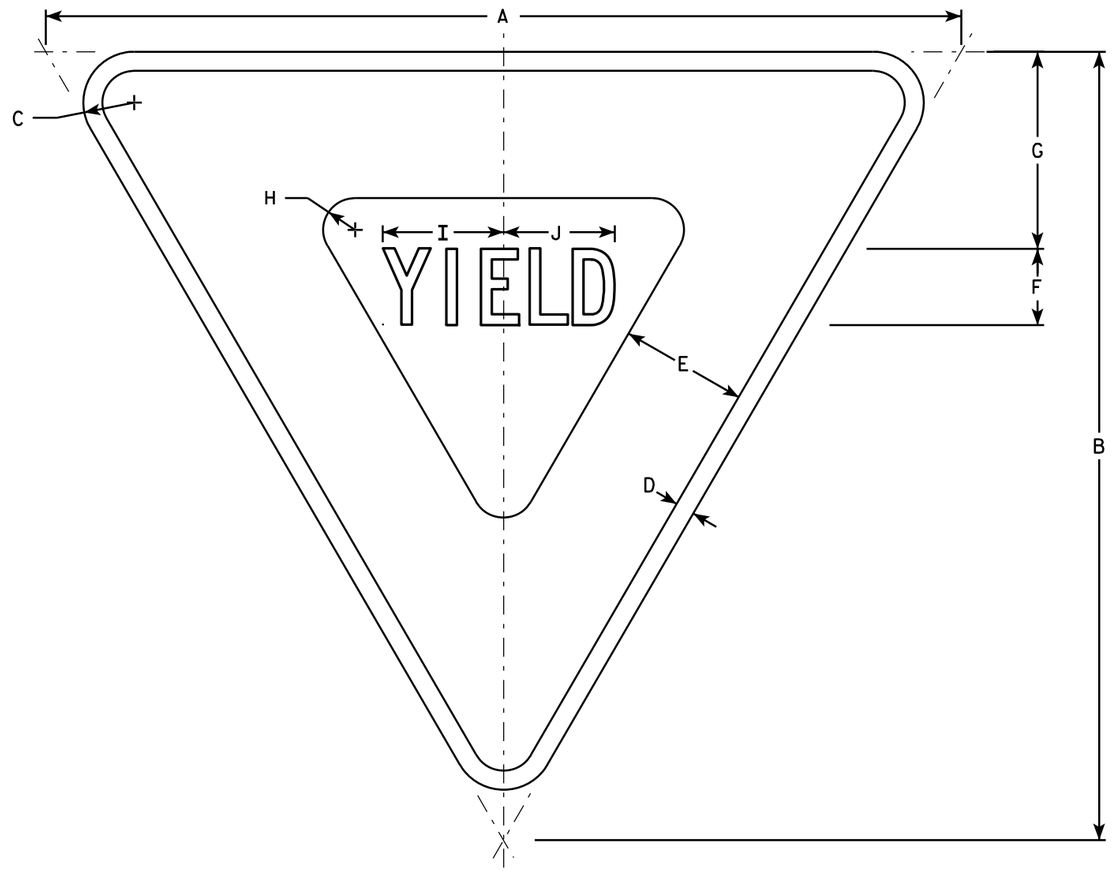
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 111	E



R1-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   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. The border strip and word message are reflectorized red.

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	26	1 1/2	5/8	4	2 1/2	6 3/8	7/8	4	3 5/8																	2.71
2S	36	31	2	3/4	5	3	7 3/4	1 1/4	4 3/4	4 3/8																	3.88
2M	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
3	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
4	48	42	3	1	6	4	9 3/4	2	6 1/4	5 7/8																	7.00
5	60	52	3	1 1/2	8	5	13	2 1/2	7 7/8	7 1/4																	10.83
6	24	21	1 1/2	3/8	3	2	4 3/4	7/8	3 1/4	3																	1.75
7	18	15 1/2	1	3/8	2 1/2	1 1/2	3 7/8	5/8	2 3/8	2 1/4																	0.97

STANDARD SIGN
R1-2

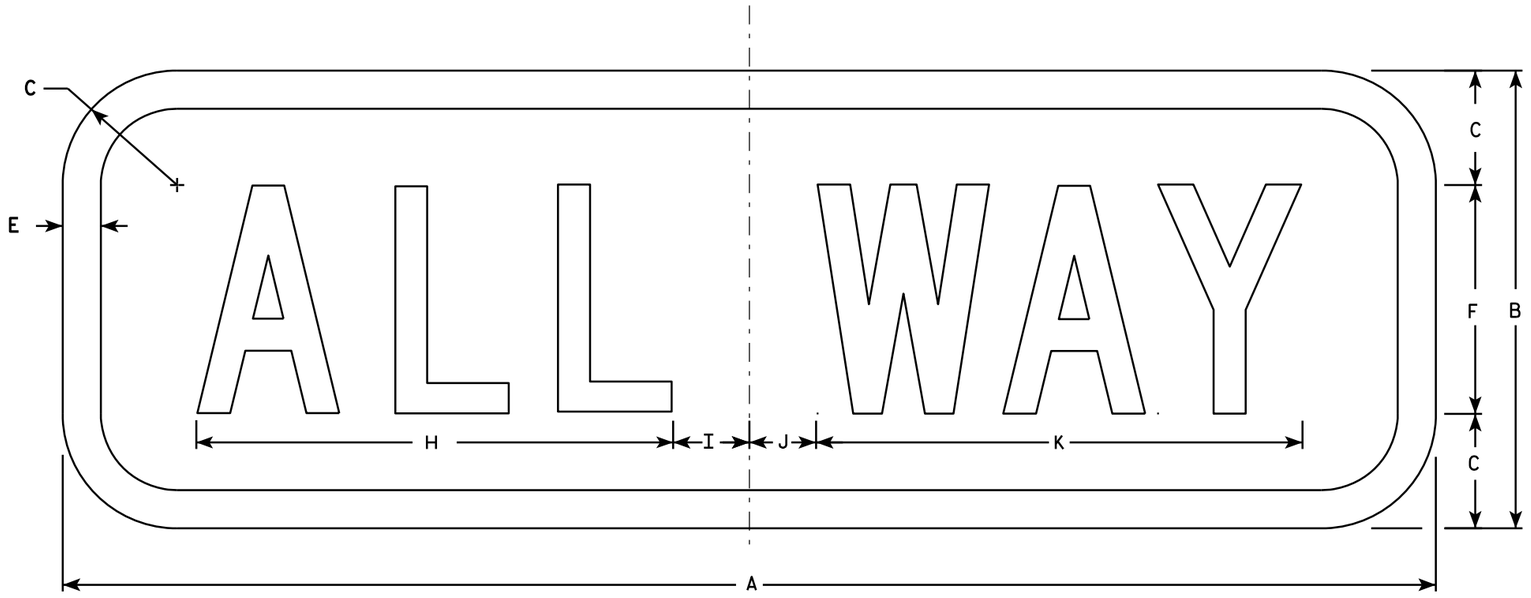
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. R1-2.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 112 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R12.DGN PLOT DATE : 02-NOV-2010 10:38 PLOT BY : dotsja PLOT NAME : PLOT SCALE : 5.959043:1.000000
WISDOT/CADDS SHEET 42



R1-3P

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. 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	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																1.5
2M	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
3	30	12	2 1/4		5/8	6		11	2 1/4	1 1/2	11 3/4																2.5
4																											
5																											

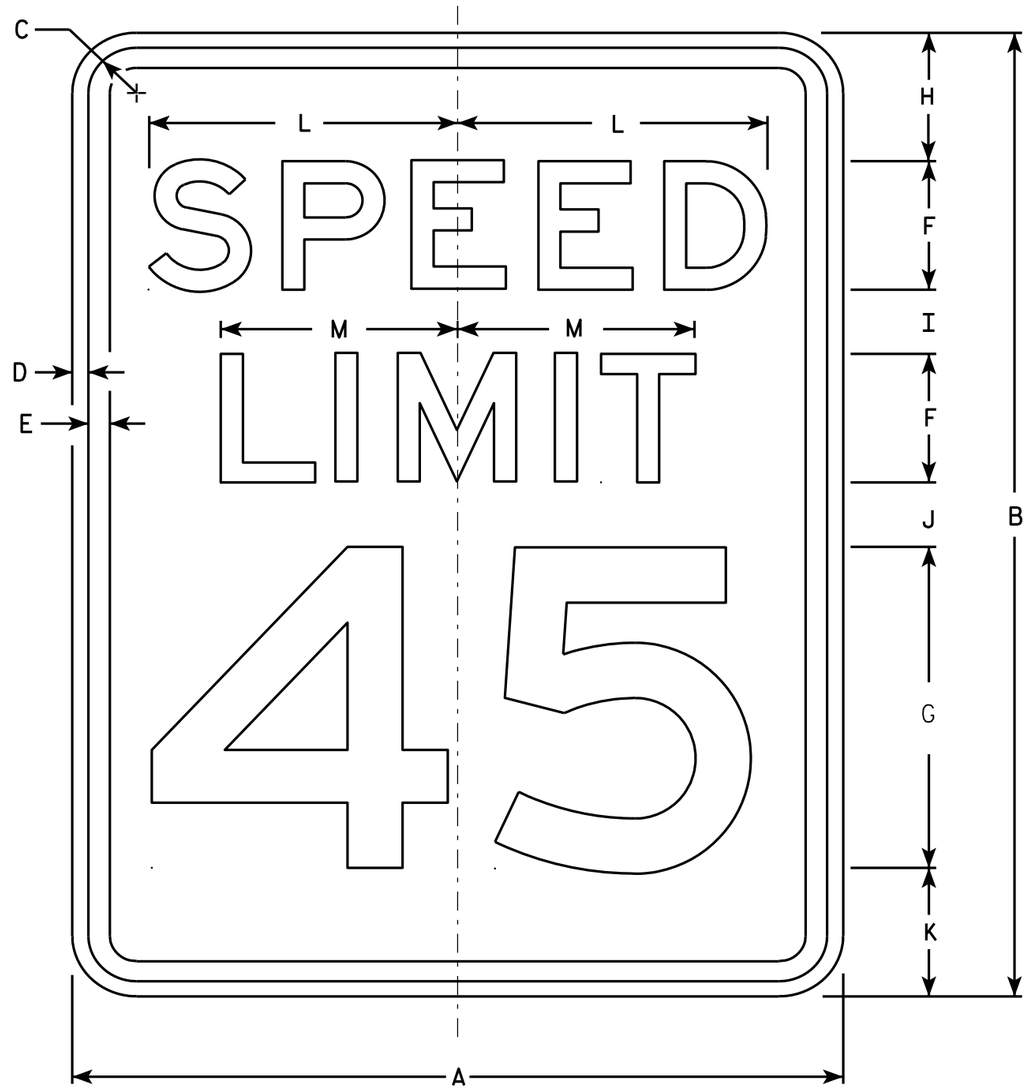
STANDARD SIGN
R1-3P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/02/10 PLATE NO. R1-3P.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 113	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. 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 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	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 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

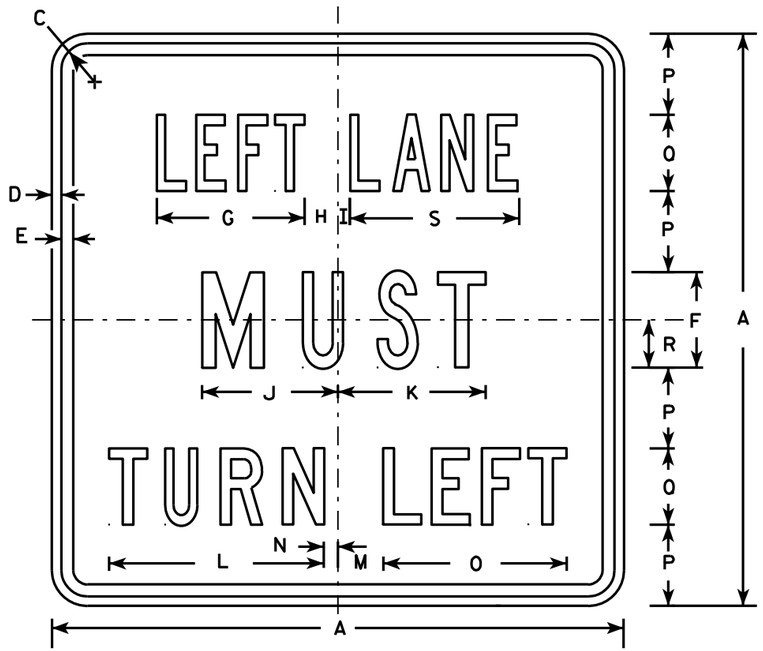
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

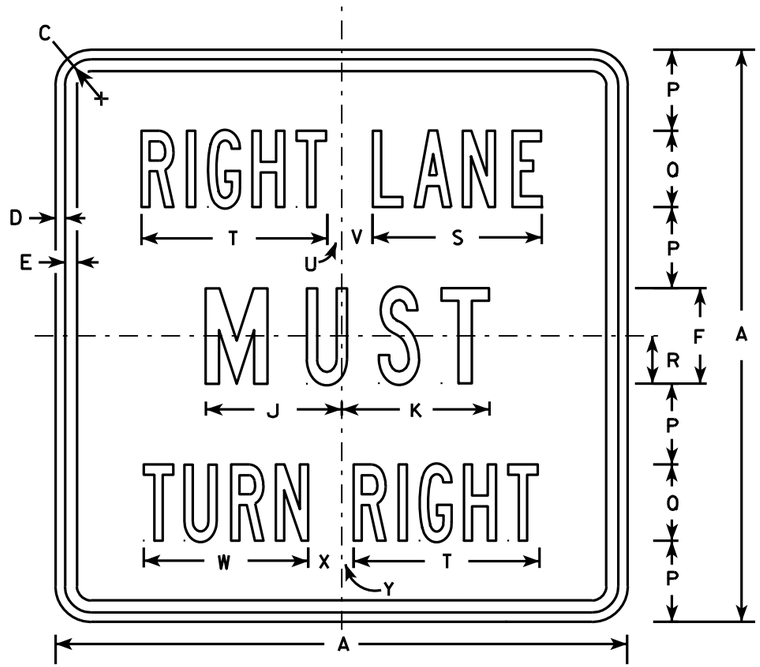
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 114 | E



R3-7L



R3-7R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - Line 1 is Series B.
   Line 2 is Series C.
   Line 3 on plate R3-7R is Series B and Series C on plate R3-7L.
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	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2S	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
2M	30		1 3/8	1/2	5/8	5	7 3/4	1 3/4	5/8	7 1/8	7 3/4	11 1/4	2 3/8	3/4	9 5/8	4 1/4	4	2 1/2	8 7/8	9 3/4	3/4	1 5/8	8 5/8	1 5/8	5/8		6.25
3	36		1 5/8	5/8	3/4	6	9 5/8	2	1 1/8	8 3/4	9	13 1/2	3 7/8	1 1/2	12 1/2	5	5	3	10 5/8	12	7/8	2 1/4	10 5/8	2 1/8	1		9.00
4	48		2 1/4	3/4	1	8	13 1/2	2 3/8	1 1/2	11 1/2	11 7/8	17 3/4	3 5/8	2 1/2	16 3/8	6 1/2	7	4	14 3/8	16 7/8	5/8	3 1/4	15 1/8	2 3/4	1 1/8		16.00
5																											

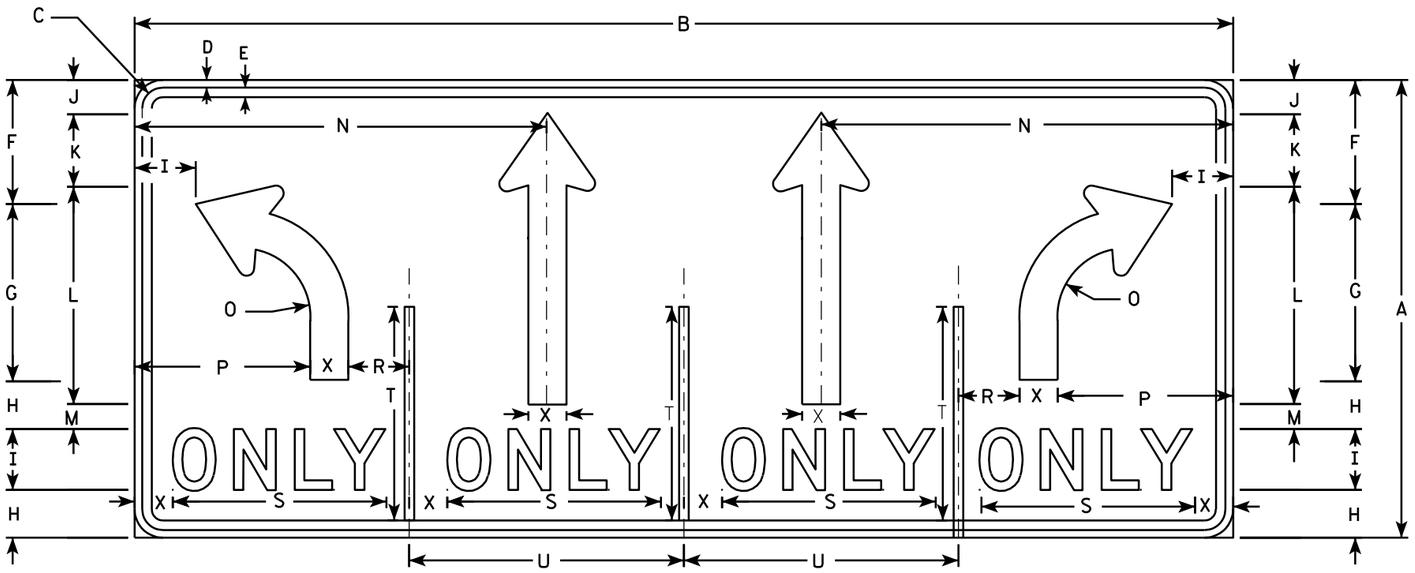
STANDARD SIGN
R3-7L & R3-7R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-7.3

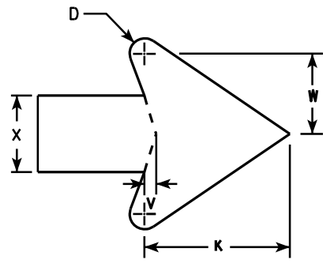
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 115 | E



R3-8V

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - WHITE
   Message - BLACK
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	72	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	27	4 1/2	11 1/2		4	14	14	18	3/8	2 5/8	2 1/2			15.0
2M	30	72	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	27	4 1/2	11 1/2		4	14	14	18	3/8	2 5/8	2 1/2			15.0
3																											
4	48	108	2 1/4	3/4	1	14 3/8	17 1/4	5 3/8	6	5 3/8	7 1/8	21 1/2	3	40 1/2	7 1/4	17 1/4		6	20 5/8	22 3/8	27	5/8	4	3 3/4			36.0
5	48	108	2 1/4	3/4	1	14 3/8	17 1/4	5 3/8	6	5 3/8	7 1/8	21 1/2	3	40 1/2	7 1/4	17 1/4		6	20 5/8	22 3/8	27	5/8	4	3 3/4			36.0

STANDARD SIGN
R3-8V

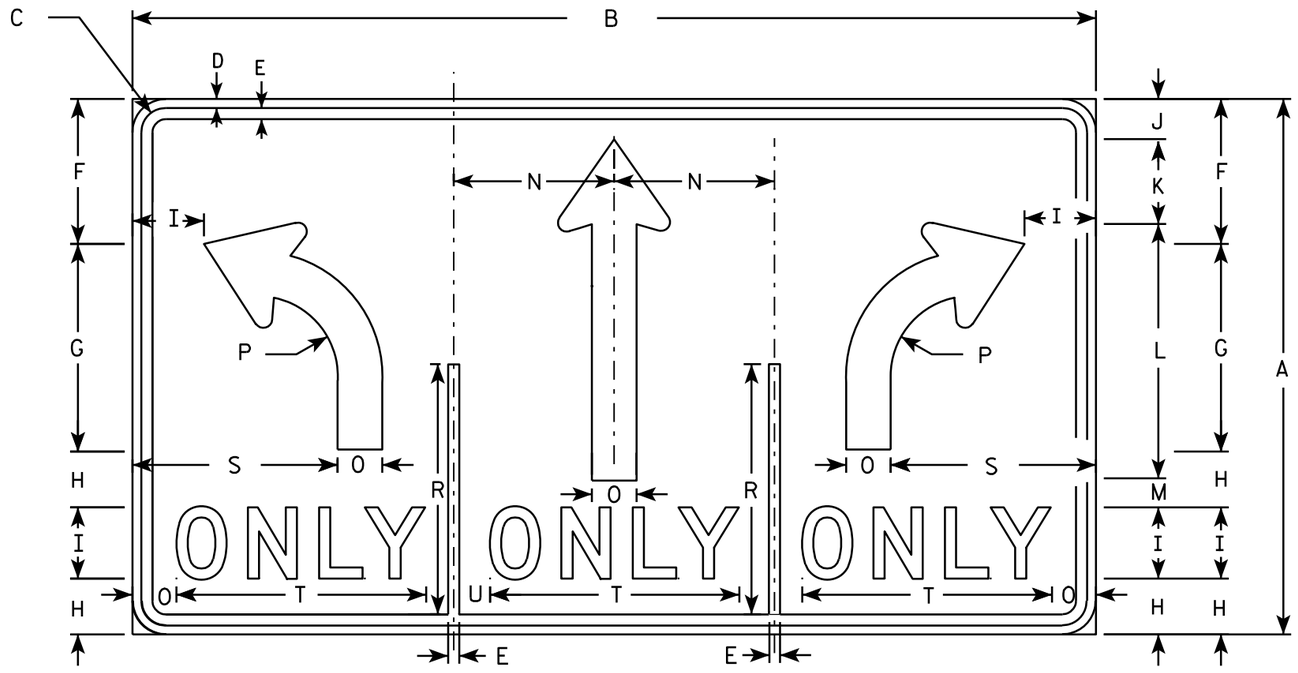
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/18/11 PLATE NO. R3-8V.3

PROJECT NO:

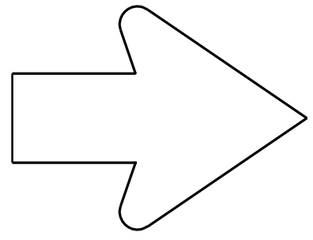
SHEET NO: 116 E



R3-8W

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - WHITE
   Message - BLACK
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SEE R3-8 FOR ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	54	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	9	2 1/2	4 1/2		14	11 1/2	14	2						11.25
2M	30	54	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	2 1/4	4 3/4	14 1/4	1 5/8	9	2 1/2	4 1/2		14	11 1/2	14	2						11.25
3																											
4	48	84	2 1/4	3/4	1	13	18 1/2	5 1/4	6	3 3/4	7	29 1/8	2 3/8	14	3 3/4	7 1/4		22 3/8	17 1/4	20 1/2	3 1/4						28.0
5	48	84	2 1/4	3/4	1	13	18 1/2	5 1/4	6	3 3/4	7	29 1/8	2 7/8	14	3 3/4	7 1/4		22 3/8	17 1/4	20 1/2	3 1/4						28.0

STANDARD SIGN
R3-8W

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-8W.4

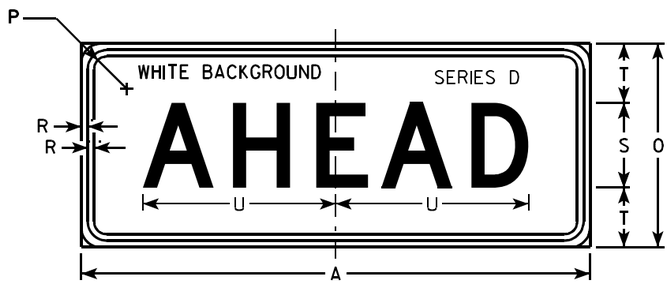
PROJECT NO:

SHEET NO: 117 E

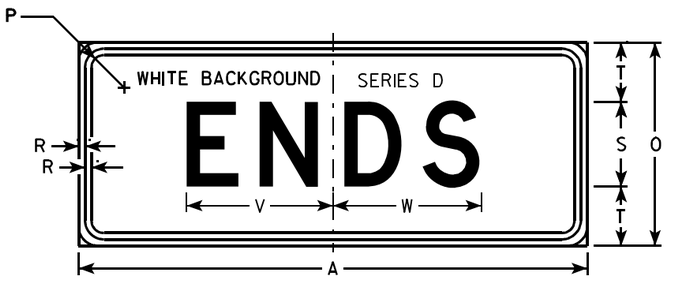
R3-17

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - AS SHOWN
   Message - BLACK
3. Message Series - C or as noted on the Signs.
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.



R3-17ap



R3-17bp

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	R3-17 Area sq. ft.	R3-17ap Area sq. ft.	R3-17bp Area sq. ft.
1																													
2S	30	24	1 1/8	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/8	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
2M	30	24	1 1/8	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/8	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
3																													
4																													
5																													

STANDARD SIGN
R3-17 & R3-17a&bp

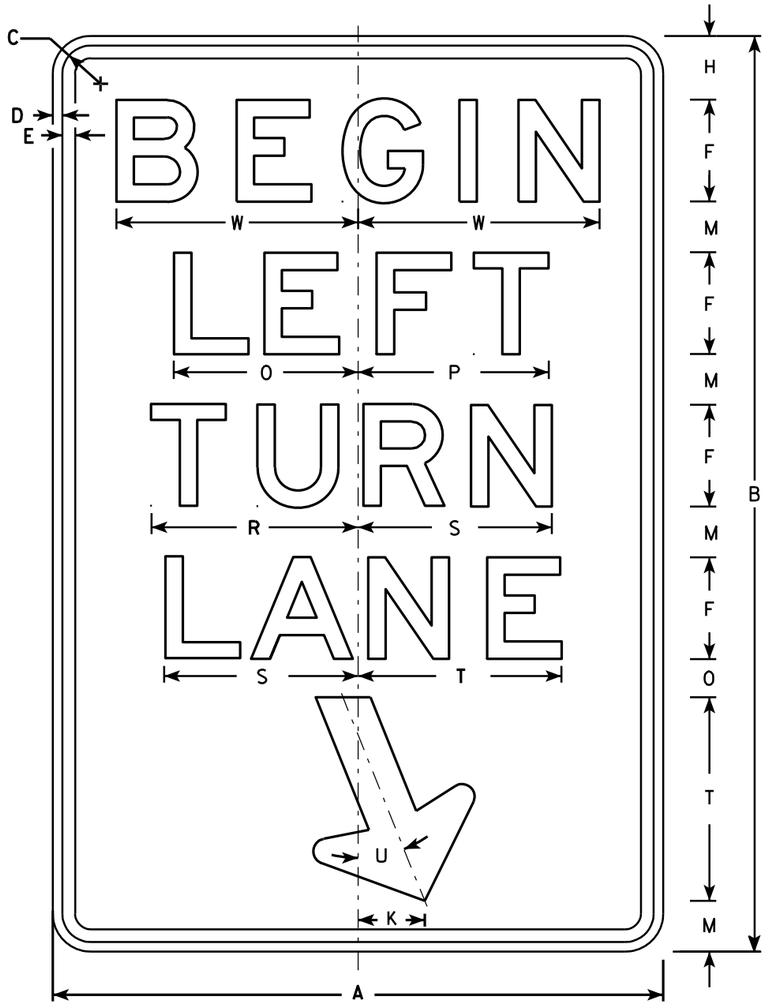
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/12/2011 PLATE NO. R3-17.2

PROJECT NO:

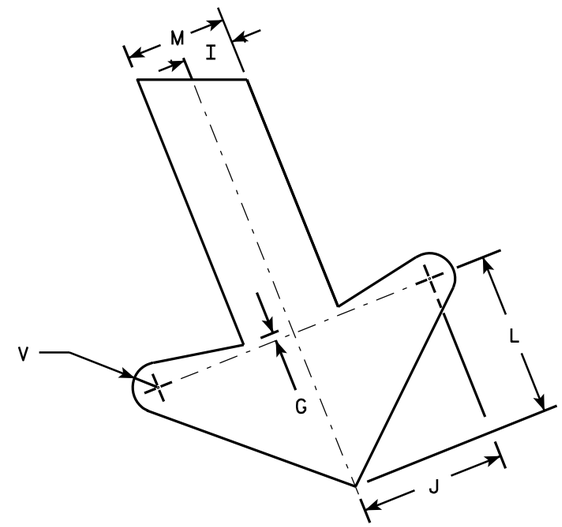
SHEET NO: 118 E



R3-20L

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
2M	24	36	1 1/8	3/8	1/2	4	1/4	2 1/2	1	2 7/8	2 5/8	3 1/4	2	1 1/2	7 1/4	7 1/2		8 1/8	7 5/8	8	22°	1/2	9 1/2				6.0
3	36	54	1 3/4	1/2	5/8	6	3/8	3 3/4	1 1/2	4 1/4	4	4 7/8	3	2 1/4	10 7/8	11 1/4		12 1/4	11 1/2	12	22°	3/4	13 1/4				13.5
4																											
5																											

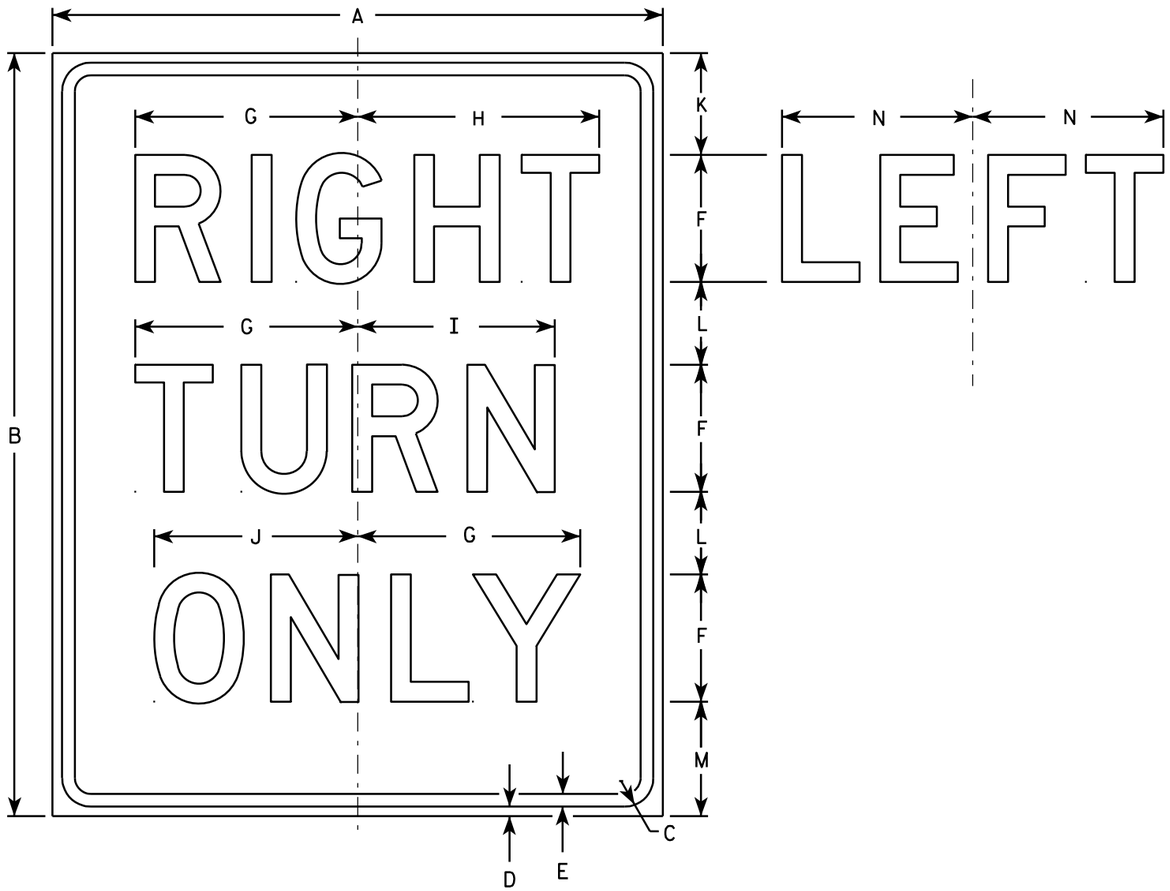
STANDARD SIGN
R3-20L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/18/10 PLATE NO. R3-20L.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 119 | E



R3-53R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R3-53L same as R3-53R except LEFT is substituted for RIGHT.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/8	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
2M	24	30	1 1/8	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
3	24	30	1 1/8	3/8	1/2	5	8 3/4	9 1/2	7 3/4	8	4	3 1/4	4 1/2	7 1/2													5.0
4																											
5																											

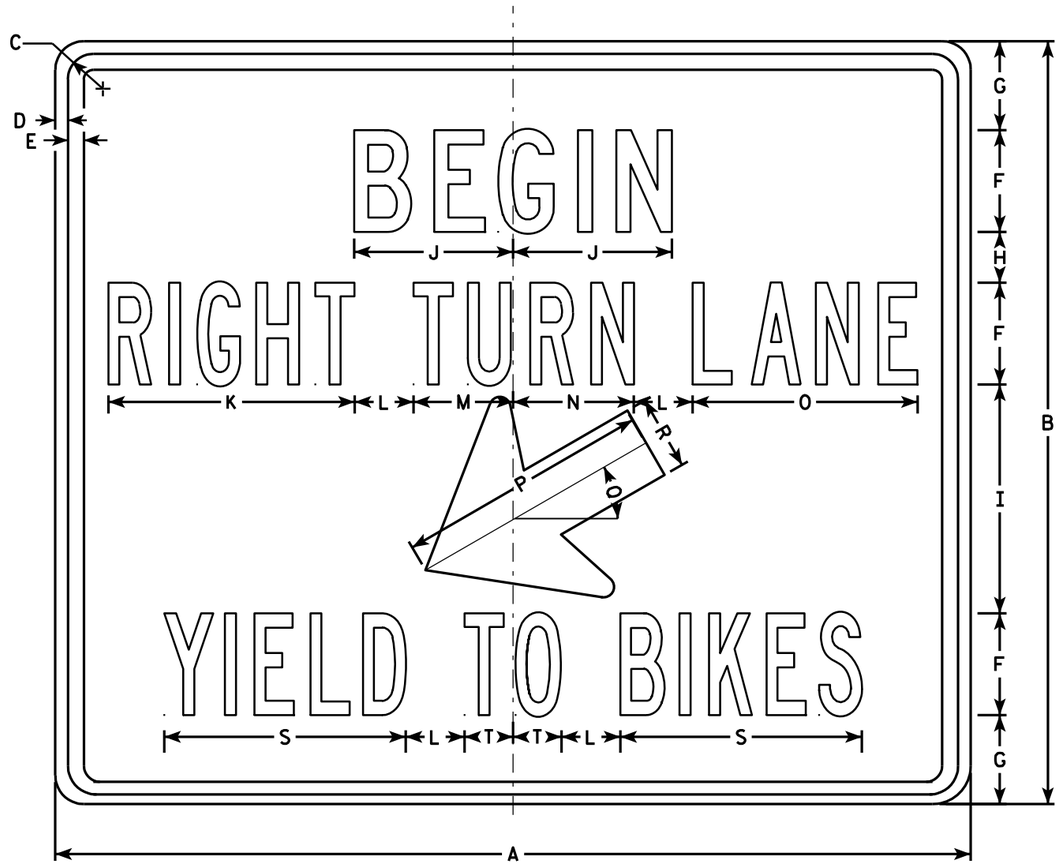
STANDARD SIGN
R3-53

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/24/2011 PLATE NO. R3-53.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 120 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R353.DGN PLOT DATE : 24-MAR-2011 14:54 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.959043:1.000000
WISDOT/CADDS SHEET 42



R4-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   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 C
   Lines 2 & 3 are Series B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	30	1 3/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
2M	36	30	1 3/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
3																											
4																											
5																											

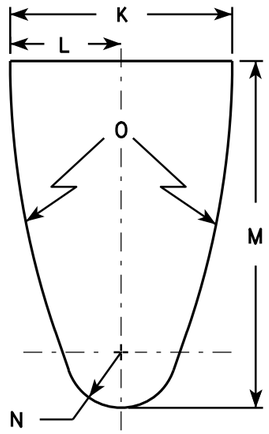
STANDARD SIGN
R4-4

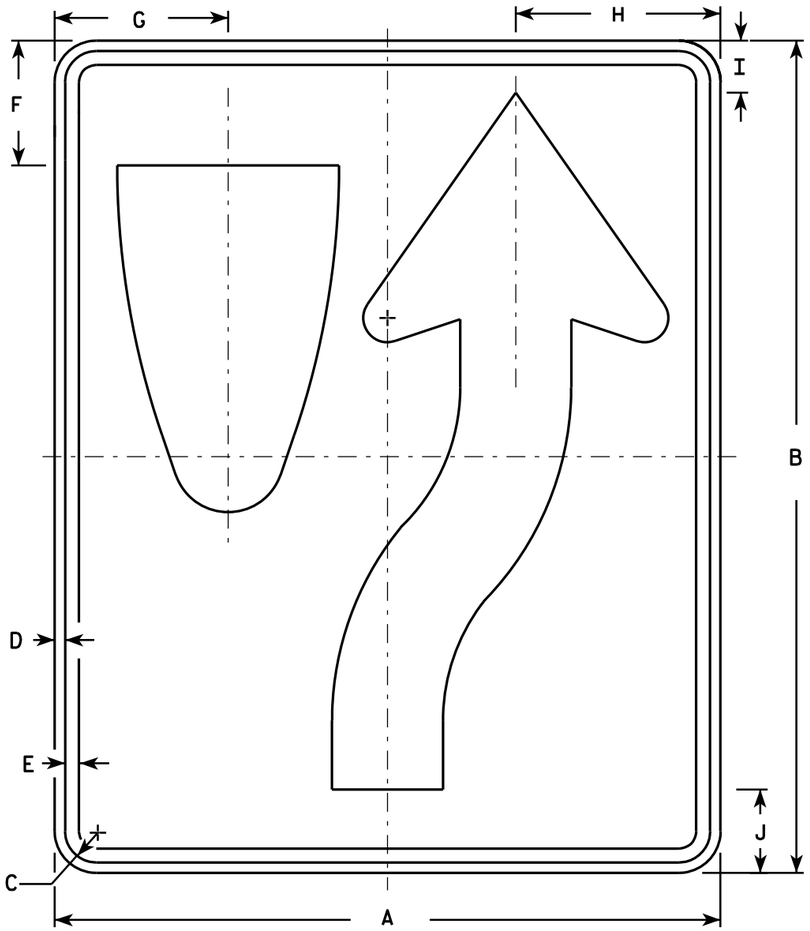
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-4.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 121 | E

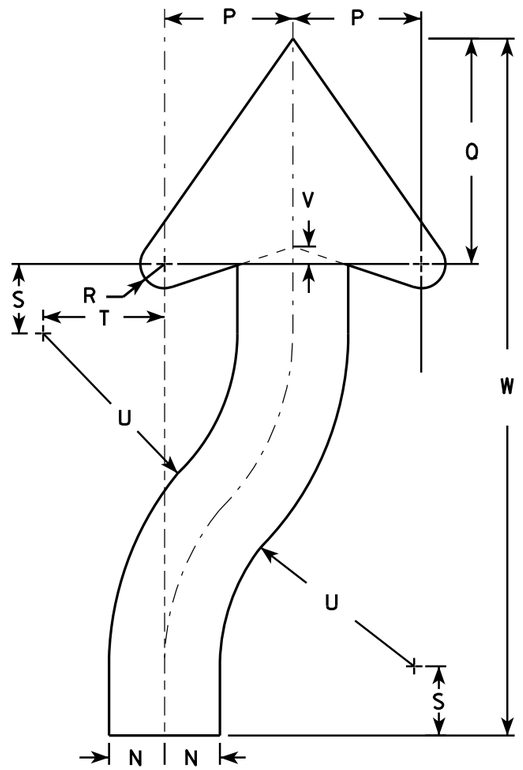




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

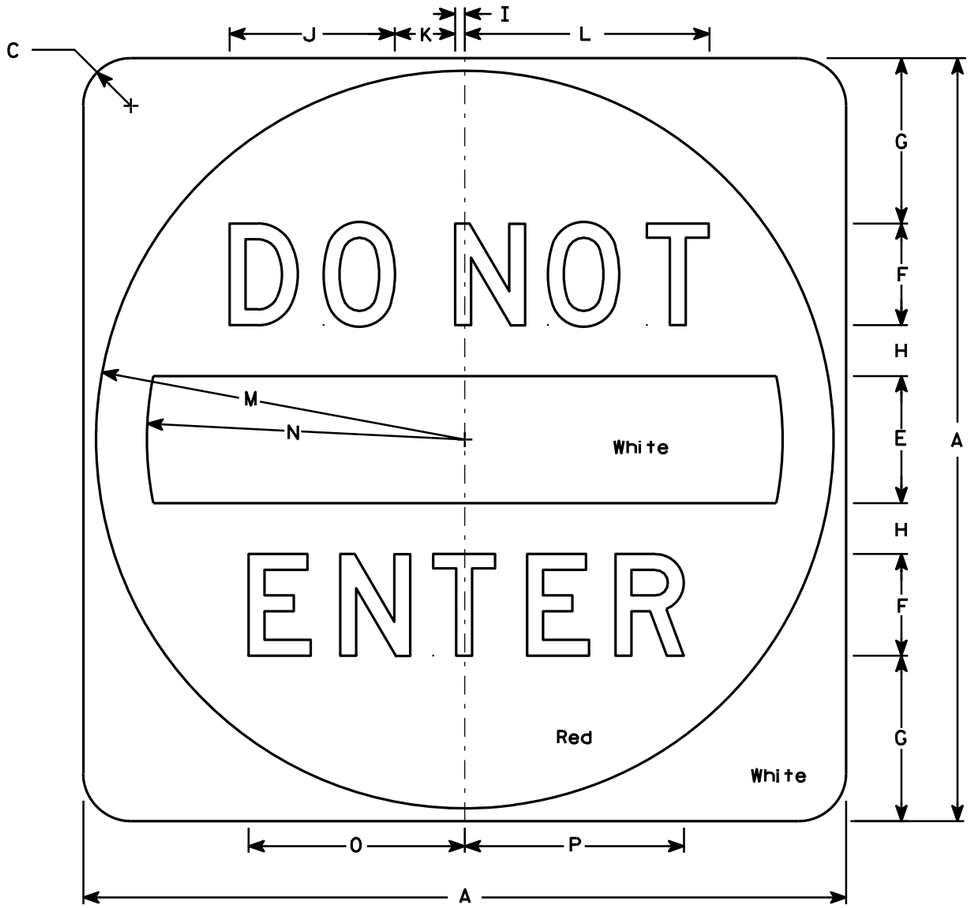
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 122	E



R5-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - See detail
   Message - White - Type H Reflective
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but when base material is metal, the cornors shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30		1 7/8		5	4	6 1/2	2	3/8	6 1/2	2 3/8	9 5/8	14 1/2	12 1/2	8 1/2	8 5/8											6.26
2M	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
3	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
4	36		2 1/4		6	5	7 1/2	2 1/2	1/2	8 1/8	3	12 1/8	17 1/2	15	10 5/8	10 3/4											9.0
5	48		3		8	6	11	3	5/8	9 3/4	3 5/8	14 1/2	23 1/2	20	12 3/4	12 7/8											16.0

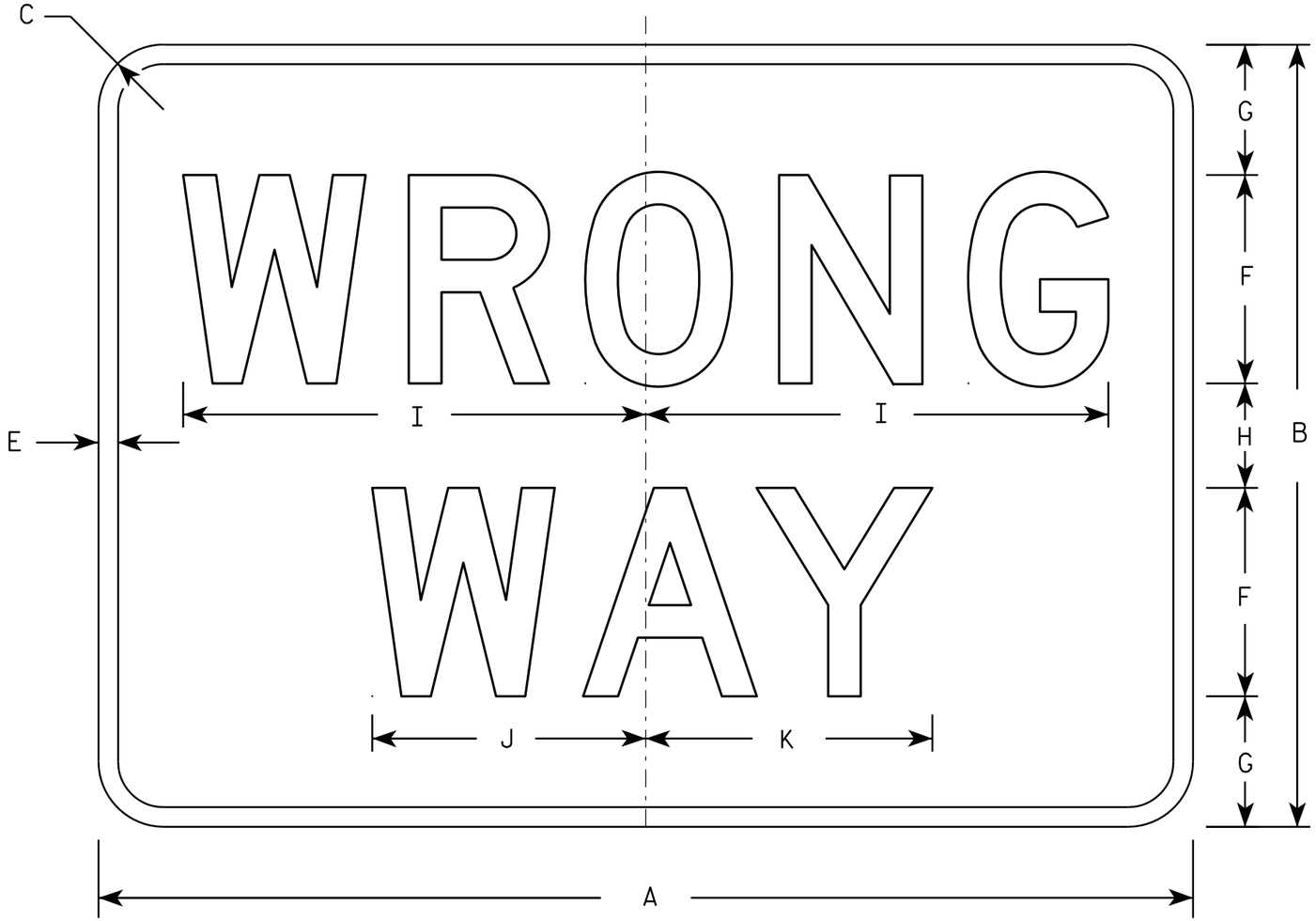
STANDARD SIGN
R5-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 123 | E



R5-1A

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 - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2		1/2	5	3	2	11	6 1/2	6 7/8																3.75
2S	36	24	2		5/8	6	4 1/2	3	13 1/4	7 7/8	8 1/4																6.00
2M	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
3	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
4	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75
5	42	30	2 1/2		3/4	8	5	4	17 3/4	10 1/2	11																8.75

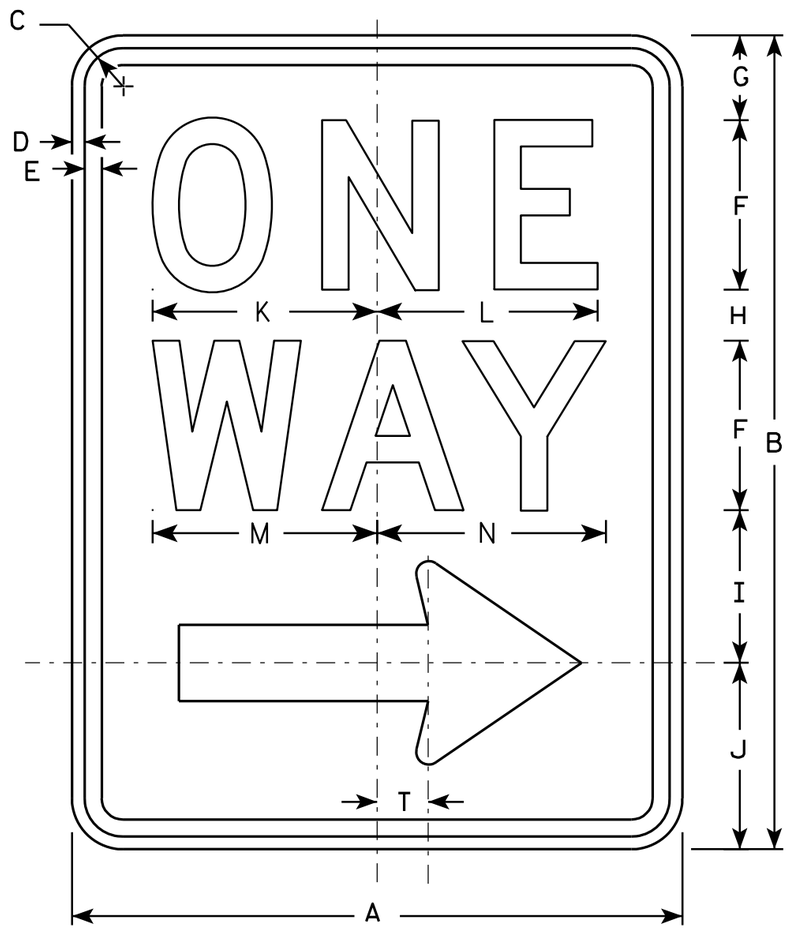
STANDARD SIGN
R5-1A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/17/10 PLATE NO. R5-1A.2

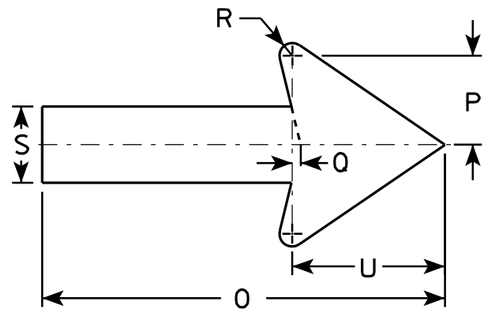
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 124 | E



R6-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

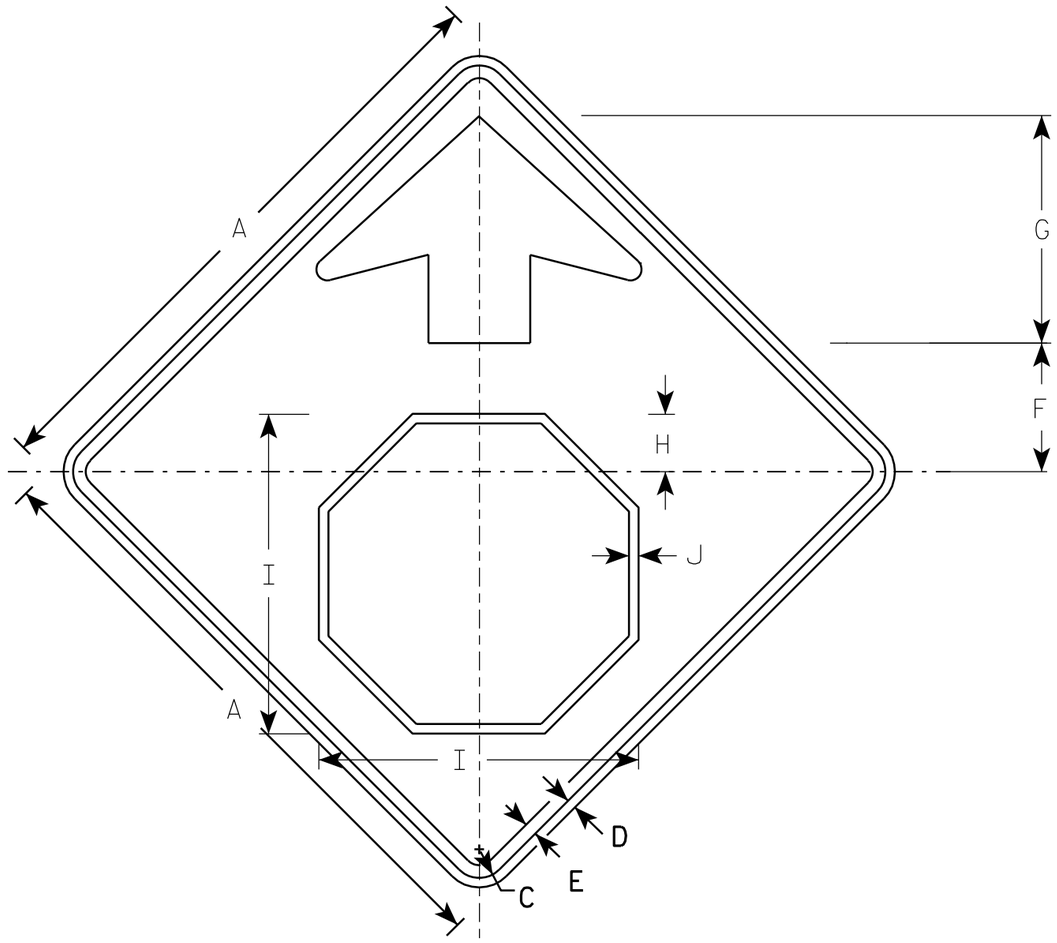
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

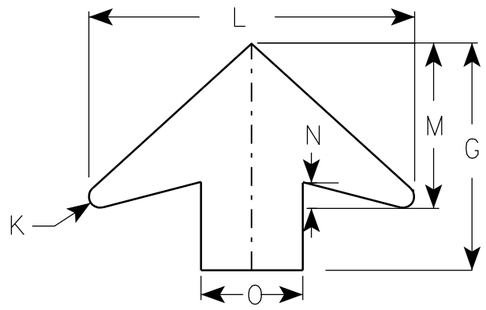
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 125	E



W3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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 3/8	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		1 5/8	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		1 5/8	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		1 5/8	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		2 1/4	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		2 1/4	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 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

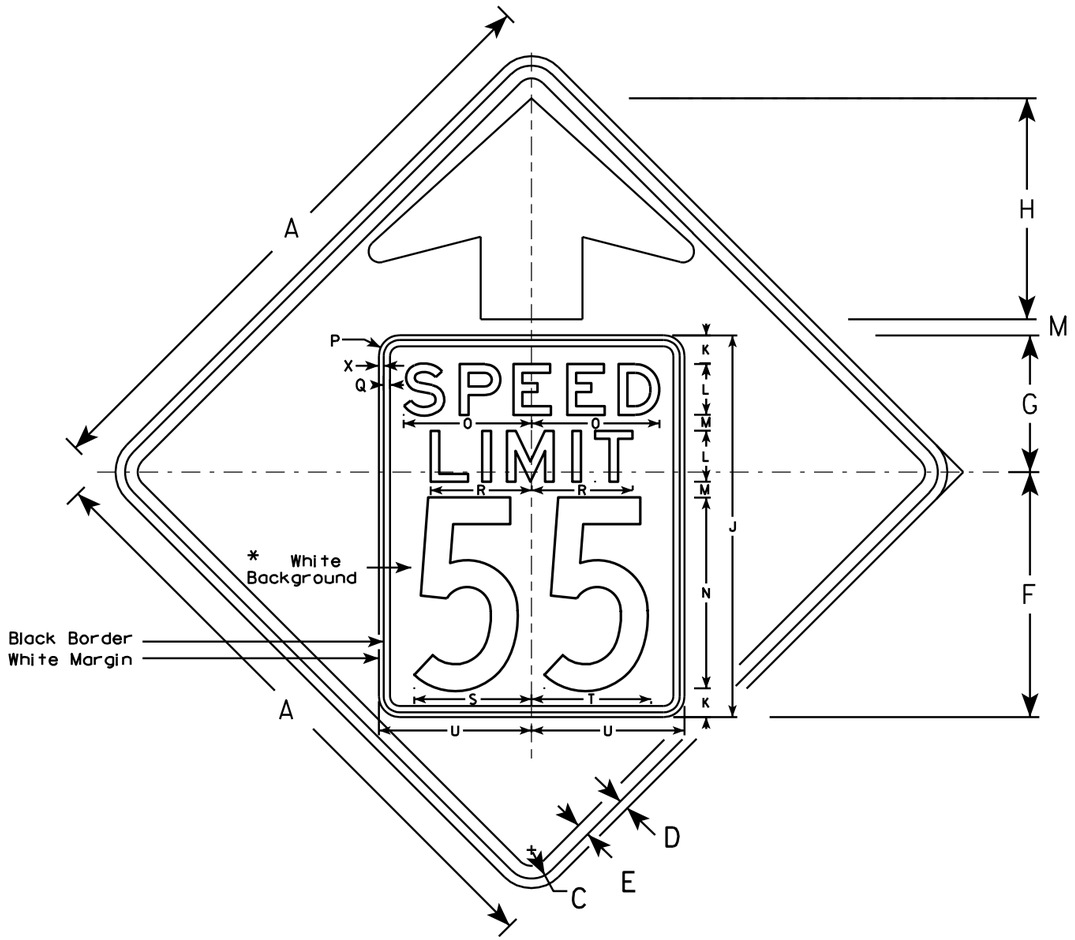
SHEET NO: 126 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W31.DGN PLOT DATE : 07-JUN-2010 12:59 PLOT BY : ditjph

WISDOT/CADDS SHEET 42

7

7

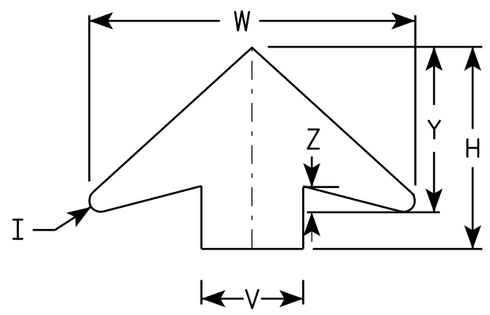


W3-5

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color: *
   Background - YELLOW*
   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



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		1 5/8	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		1 5/8	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		1 5/8	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		2 1/4	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		2 1/4	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

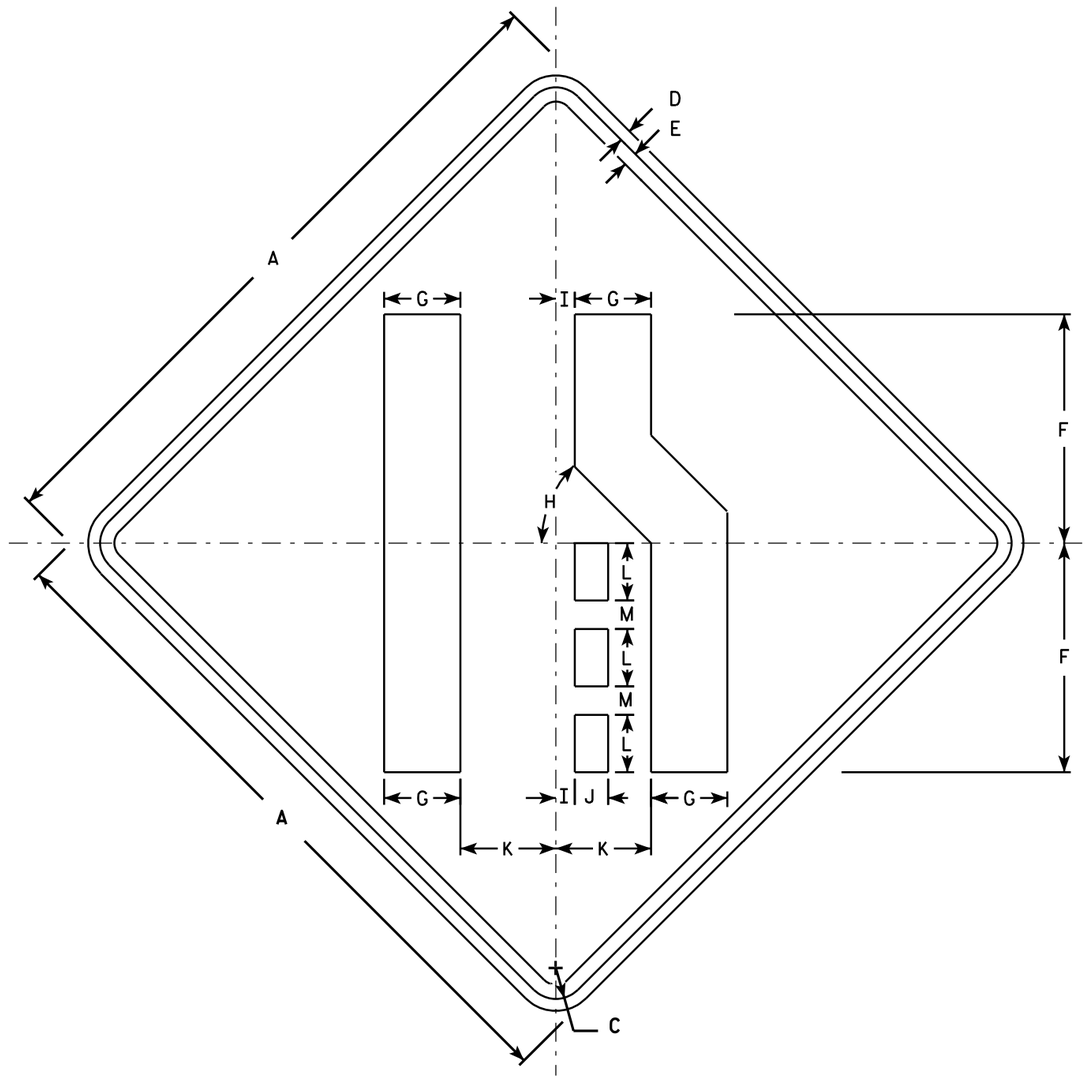
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W3-5.5

PROJECT NO:

SHEET NO: 127 E



W4-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W4-2L is the same as W4-2R except the symbol is reversed along the vertical centerline.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	10	3 3/8	45°	7/8	1 1/2	4 1/4	2 1/2	1 1/4														6.25
2S	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
2M	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
3	36		1 5/8	5/8	3/4	12	4	45°	1	1 3/4	5	3	1 1/2														9.0
4	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0
5	48		2 1/4	3/4	1	16	5 3/8	45°	1 1/4	2 3/8	6 3/4	4	2														16.0

STANDARD SIGN
W4-2

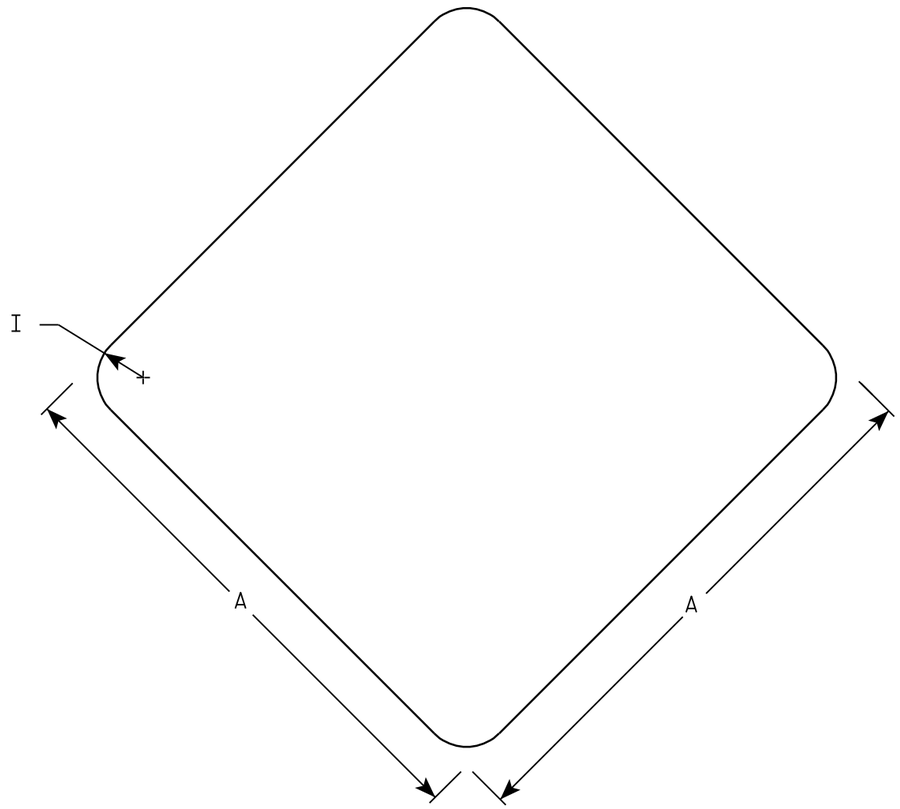
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/29/2012 PLATE NO. W4-2.13

PROJECT NO:

SHEET NO: 128 E



W5-54

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
3. Corners may be square or rounded when base material is plywood. When base material is metal the corners 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	12								1																		1.0
2S	18								1 ½																		2.25
2M	18								1 ½																		2.25
3																											
4																											
5																											

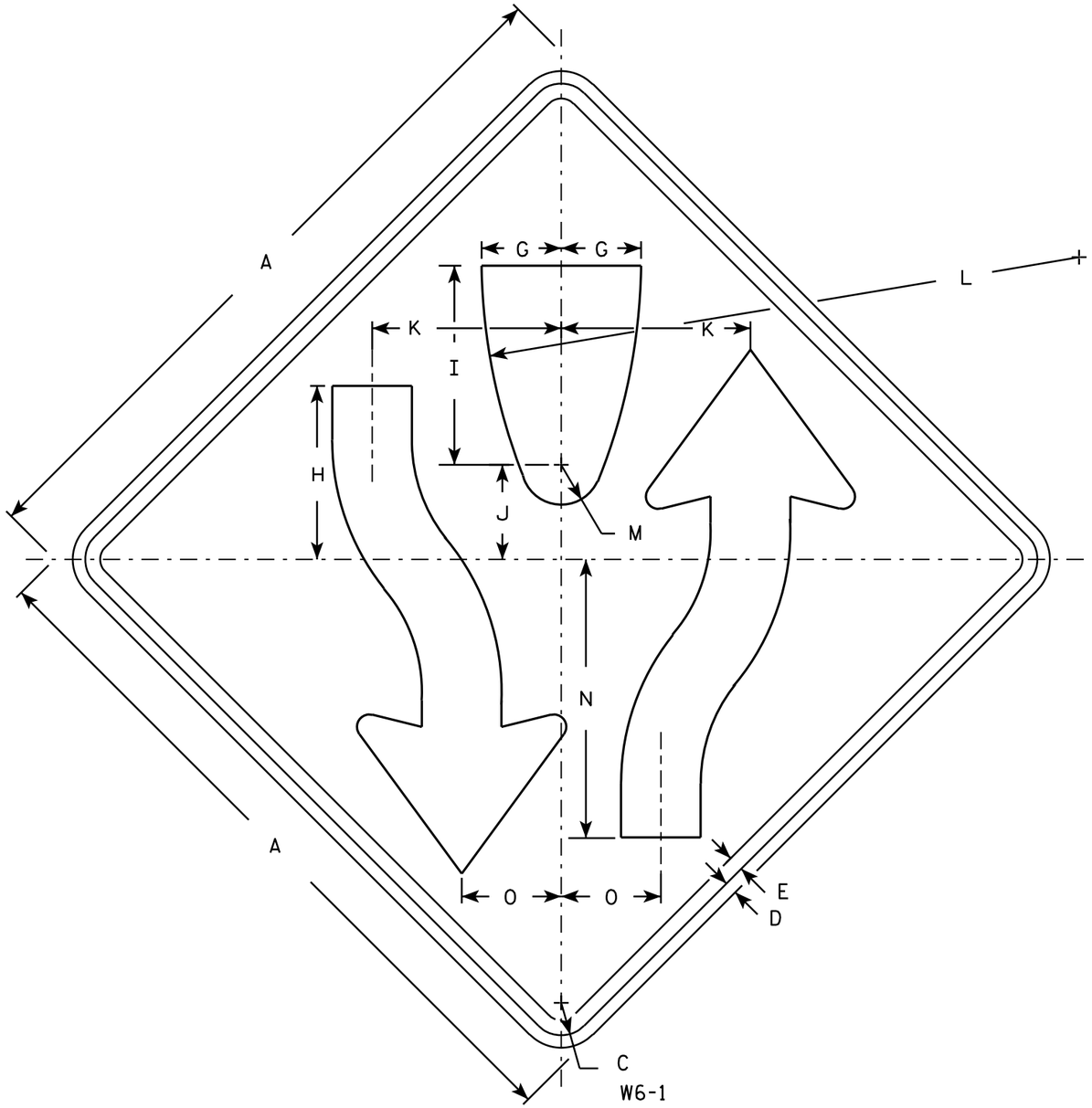
STANDARD SIGN
W5-54

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

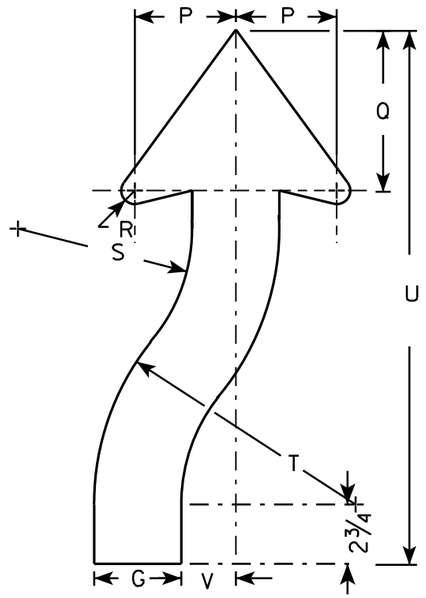
DATE 11/3/10 PLATE NO. W5-54.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 129 | 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 - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W6-2 same as W6-1 but is rotated 180° when mounted.



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 3/8	1/2	5/8		3 1/4	8	8 1/4	4 1/8	7 7/8	25	1 3/4	11 5/8	4 1/8	3 7/8	6 3/4	5/8	6 5/8	9 7/8	21 5/8	2					6.25
2S	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
2M	36		1 5/8	5/8	3/4		4	8 3/4	10	4 3/4	9 1/2	30	2	14	5	4 5/8	7 3/8	7/8	8	12	24 1/2	2 1/2					9.0
3																											
4	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0
5	48		2 1/4	3/4	1		5 3/8	11 5/8	13 3/8	6 3/8	12 5/8	40	2 5/8	18 5/8	6 5/8	6 1/4	9 7/8	1 1/4	10 5/8	16	32 5/8	3 3/8					16.0

STANDARD SIGN
W6-1 & W6-2

WISCONSIN DEPT OF TRANSPORTATION

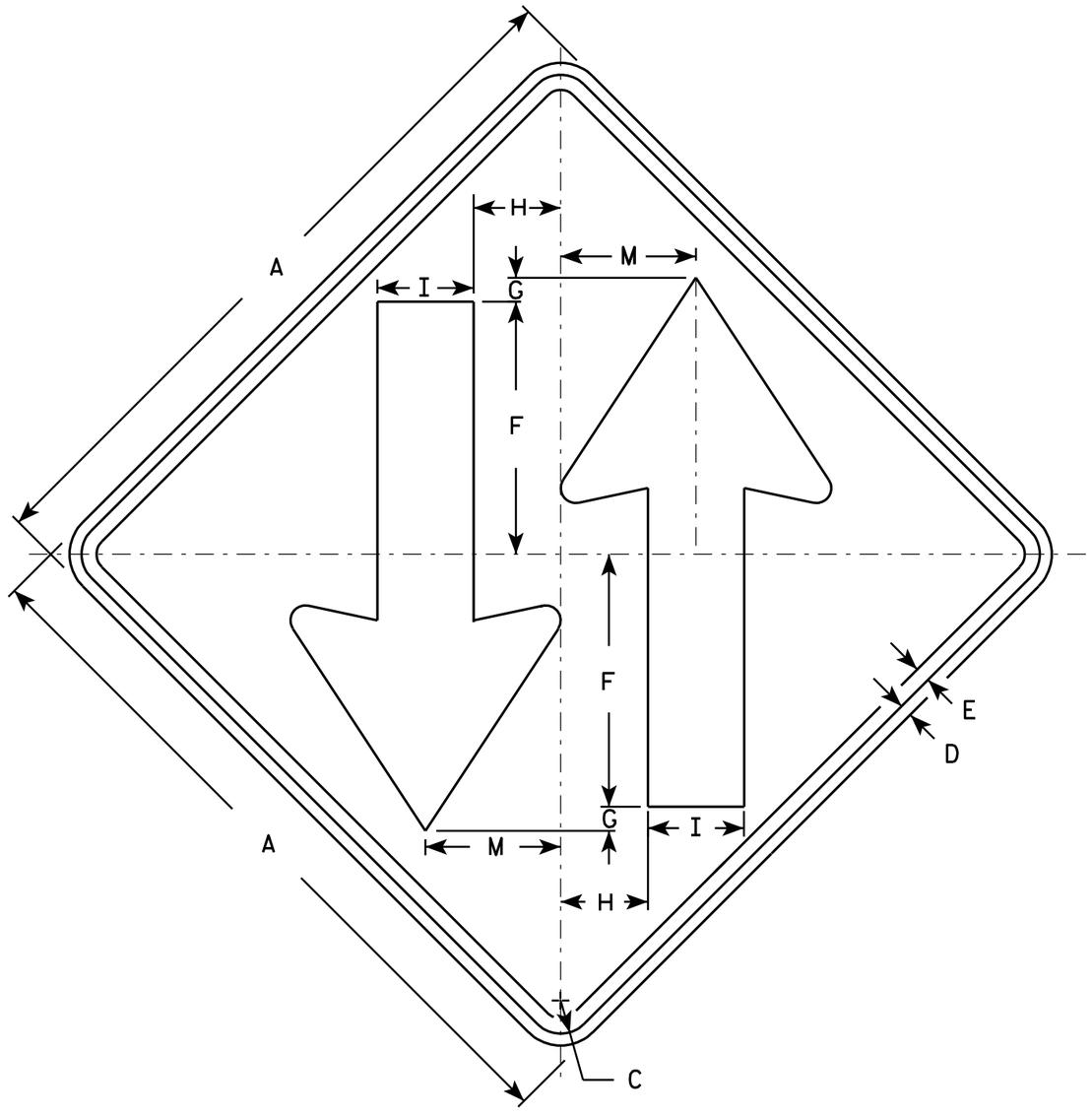
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/22/11 PLATE NO. W6-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 130	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W61.DGN PLOT DATE : 22-MAR-2011 13:21 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 6.952219:1.000000

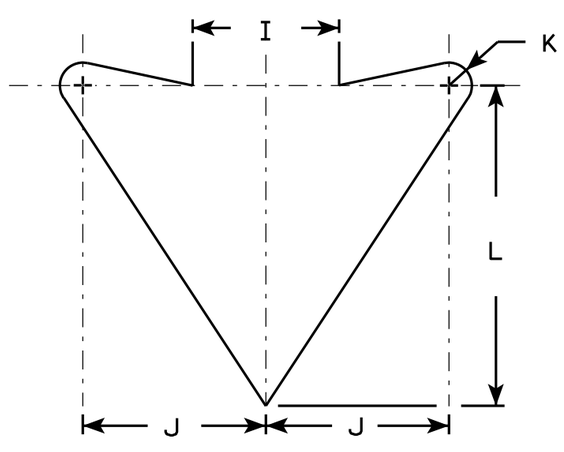
WISDOT/CADDS SHEET 42



W6-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	10 1/2	1	3 5/8	4	5	5/8	8 3/4	5 5/8														6.25
2S	36		1 5/8	5/8	3/4	12	1	4 1/4	5	6	3/4	10 1/2	6 3/4														9.0
2M	36		1 5/8	5/8	3/4	12	1	4 1/4	5	6	3/4	10 1/2	6 3/4														9.0
3																											
4	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0
5	48		2 1/4	3/4	1	15 1/2	1	6	6	8	1	14	9														16.0

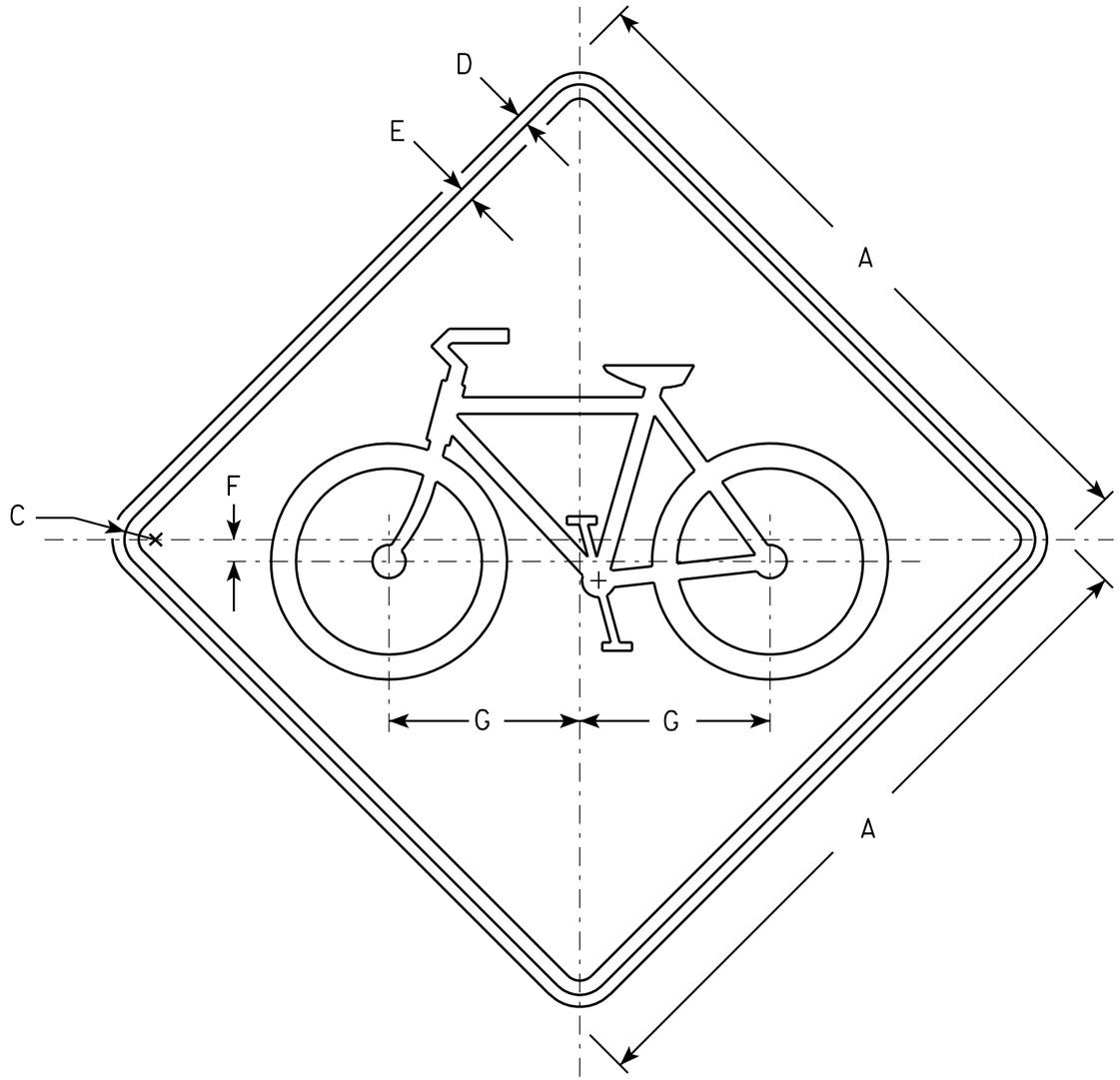
STANDARD SIGN
W6-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/22/11 PLATE NO. W6-3.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 131 | E



W11-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/4	1/2	3/4	6 5/8																				4.0
2S	30		1 3/8	1/2	5/8	1	8 1/2																				6.25
2M	36		1 5/8	5/8	3/4	1 1/4	10																				9.0
3	36		1 5/8	5/8	3/4	1 1/4	10																				9.0
4	48		2 1/4	3/4	1	1 5/8	13 3/8																				16.0
5																											16.0

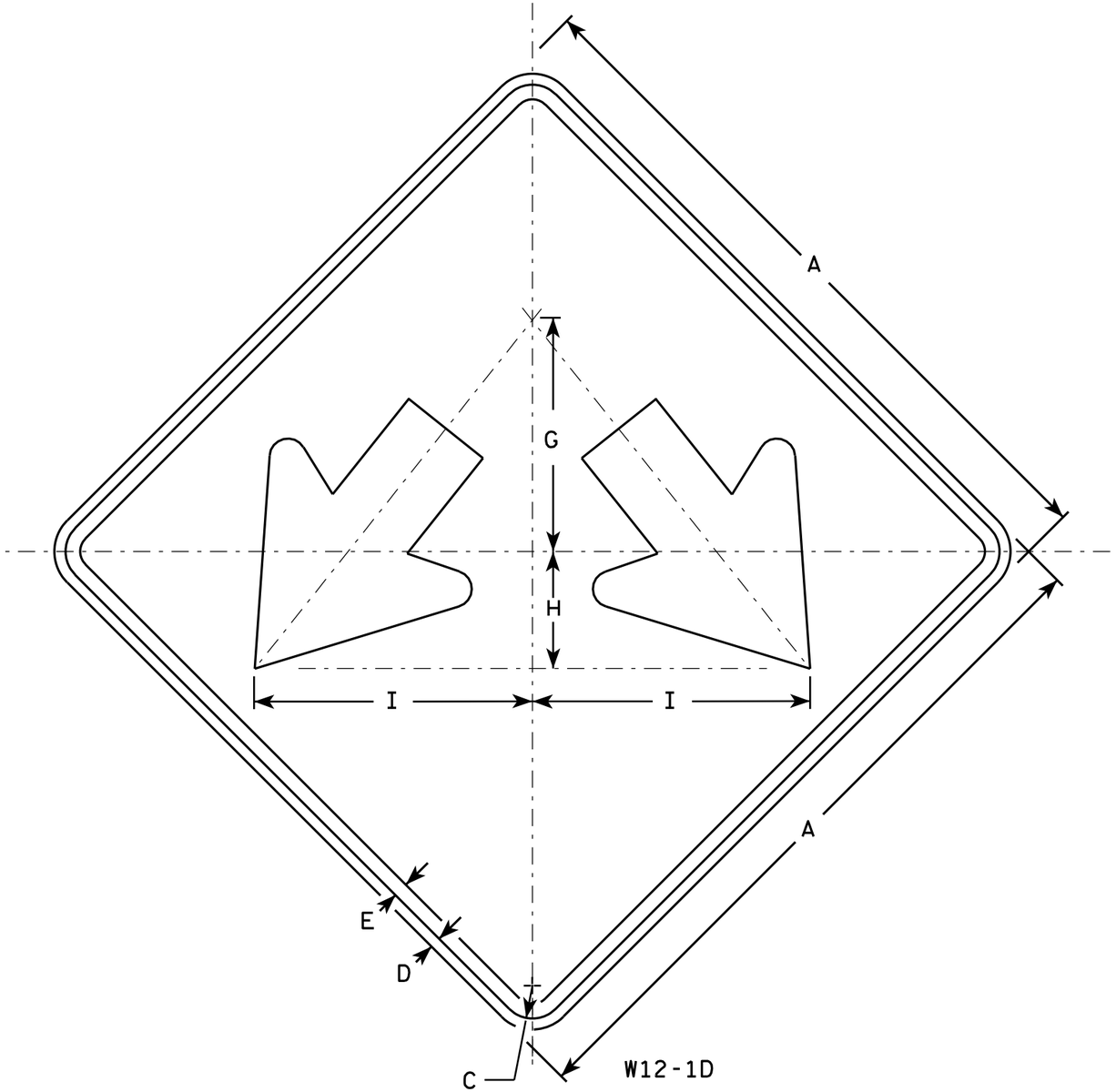
STANDARD SIGN
W11-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

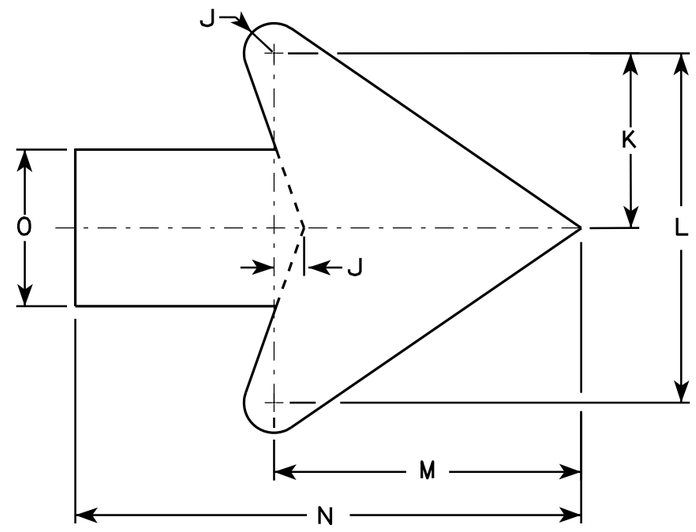
DATE 12/21/10 PLATE NO. W11-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 132 | 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 - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
2M	24		1 1/8	1/2	3/8		8	4	9 1/2	3/8	3 3/8	7 1/4	6 3/8	10 3/8	3 1/4												4.0
3	30		1 3/8	1/2	5/8		10	5	11 7/8	3/4	4 1/2	9	7 7/8	13	4												6.25
4	36		1 3/8	1/2	5/8		12	6	14 1/4	1	5 1/2	10 7/8	9 5/8	15 3/4	4 3/4												9.0
5	48		2 1/4	3/4	1		16	8	19	1 1/4	7 1/4	14 1/2	12 3/4	21	6 1/4												16.0

STANDARD SIGN
W12-1D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/11 PLATE NO. W12-1D.14

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 133	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W121D.DGN PLOT DATE : 16-MAR-2011 14:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 4.717577:1.000000

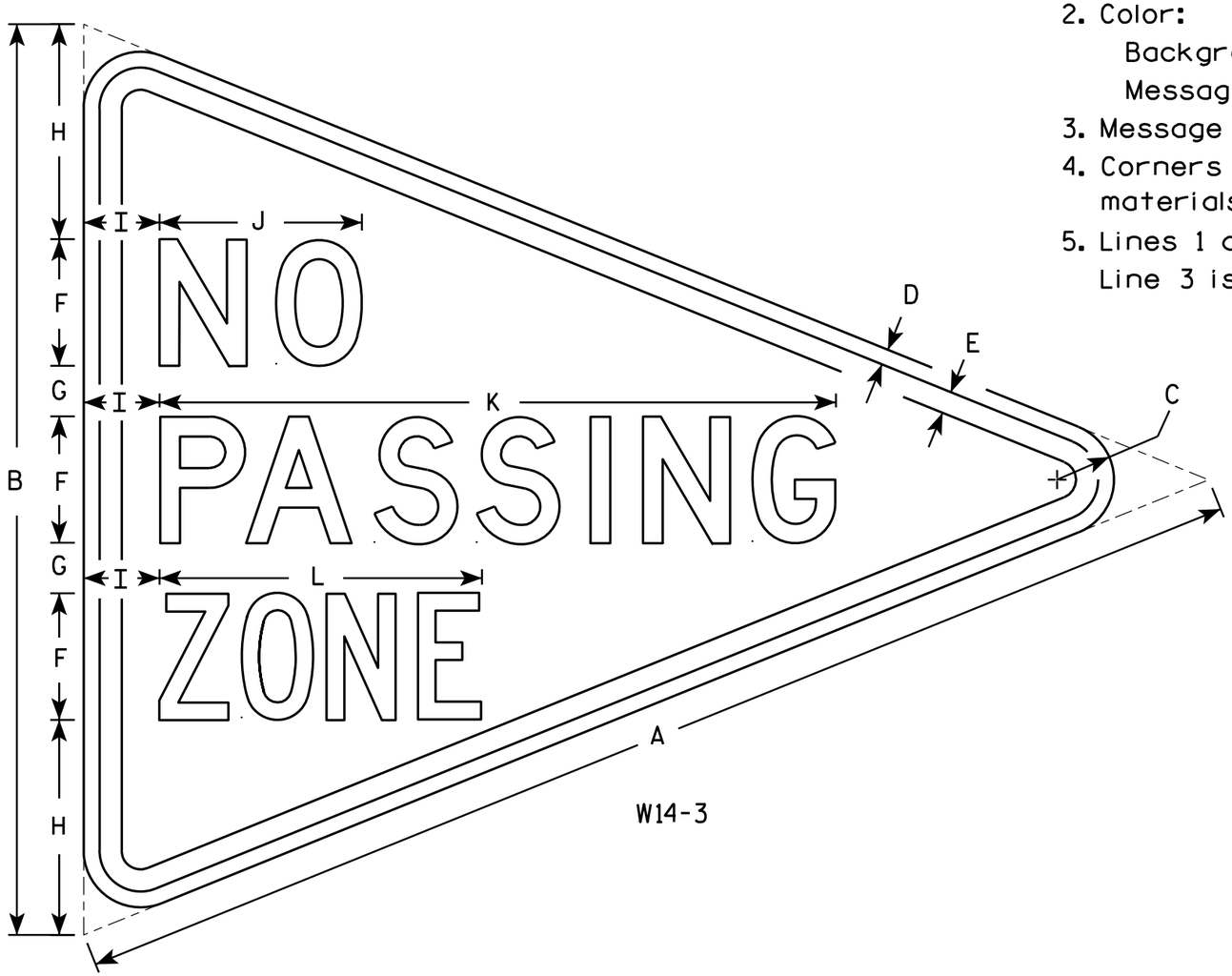
WISDOT/CADDS SHEET 42

7

7

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See note 5
4. Corners and borders shall be rounded on all base materials for this sign.
5. Lines 1 and 2 are Series D.
   Line 3 is series C.



W14-3

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2															10.7
4																											
5																											

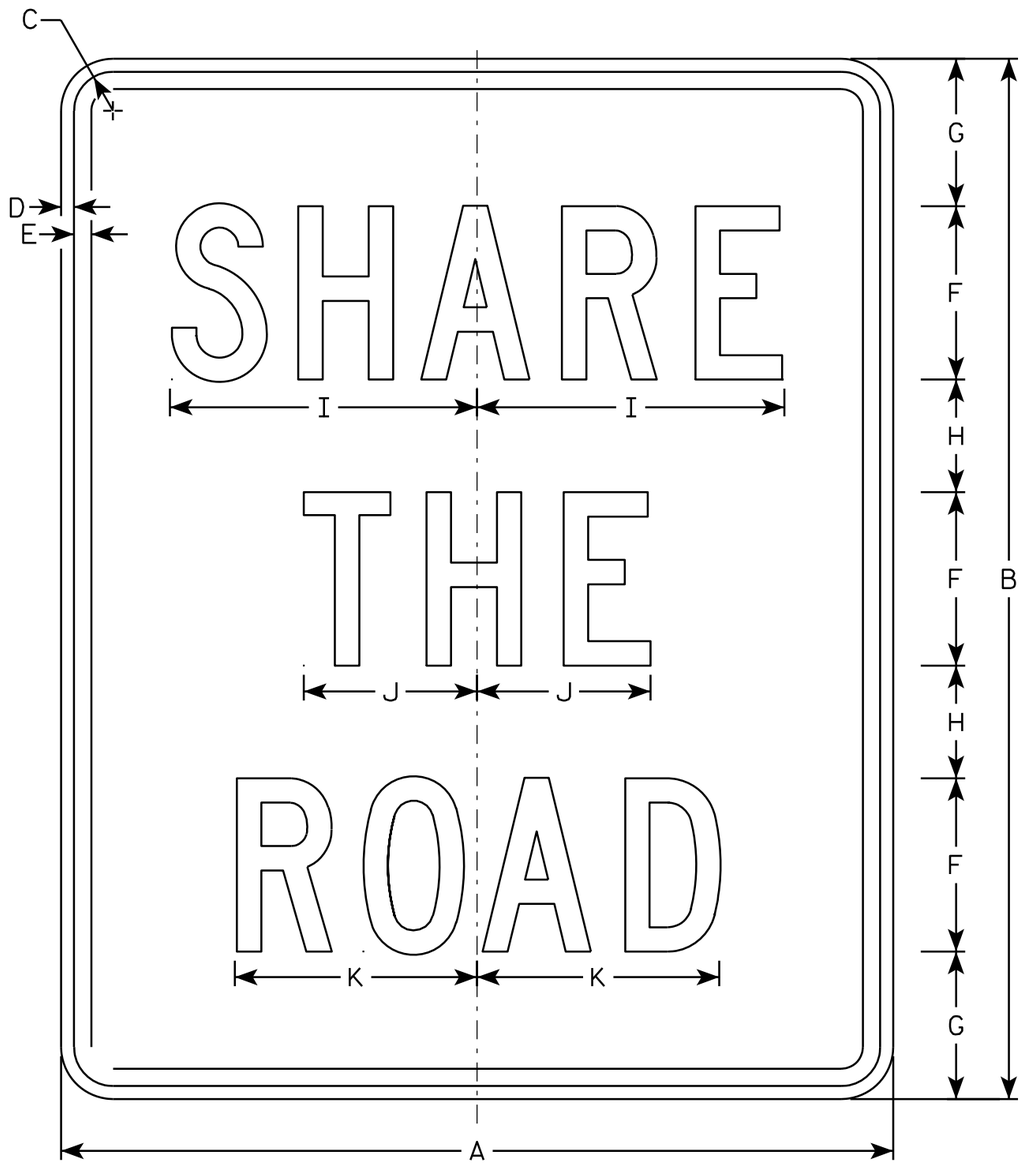
STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W14-3.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 134	E



W16-1P

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   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	18	24	1 1/8	3/8	1/2	4	3 3/8	2 5/8	6 5/8	3 3/4	5 3/8																3.0
2M	18	24	1 1/8	3/8	1/2	4	3 3/8	2 5/8	6 5/8	3 3/4	5 3/8																3.0
3	24	30	1 1/8	3/8	1/2	5	4 1/4	3 1/4	8 7/8	5	7																5.0
4	24	30	1 1/8	3/8	1/2	5	4 1/4	3 1/4	8 7/8	5	7																5.0
5																											

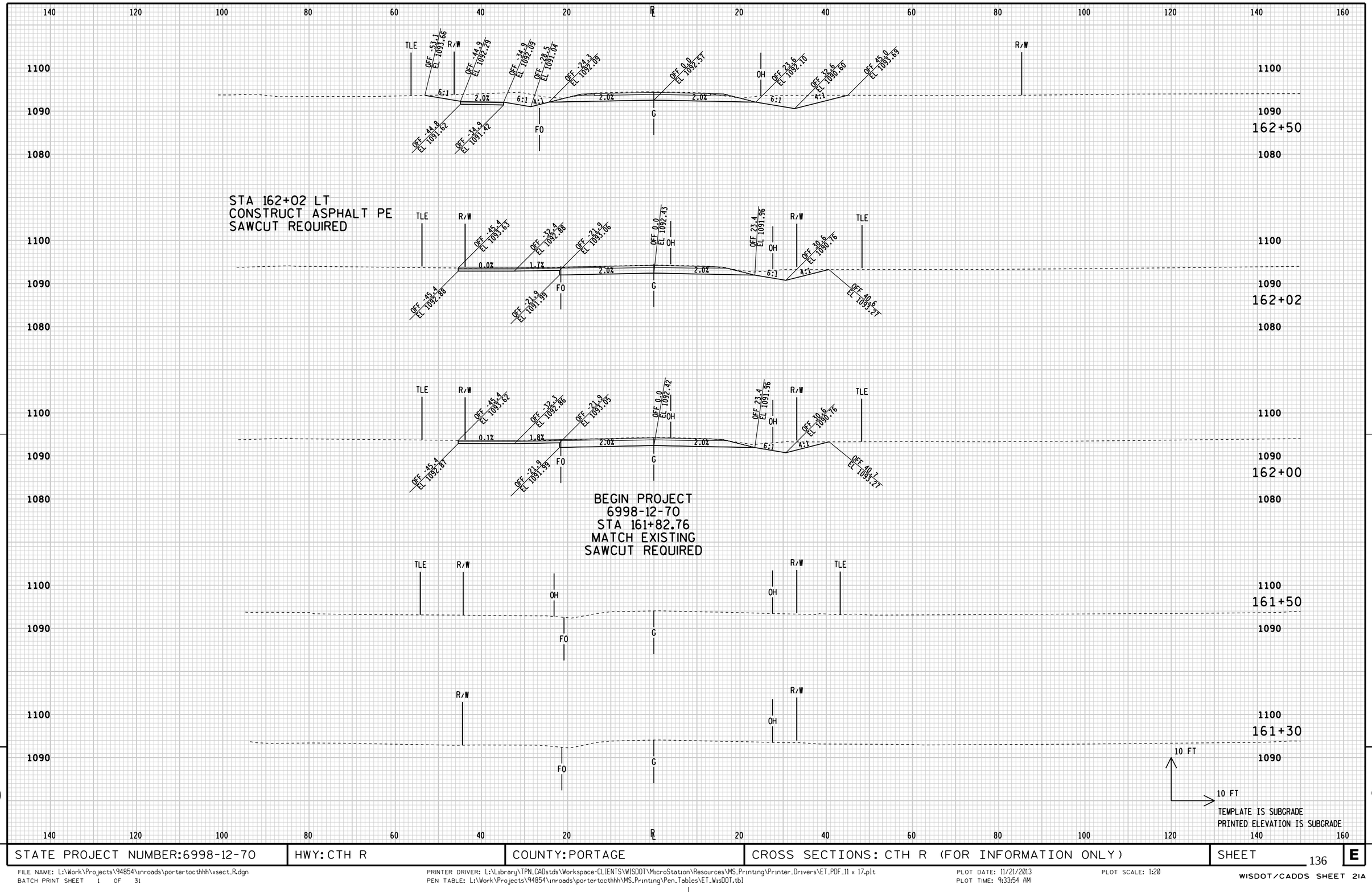
STANDARD SIGN
W16-1P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/2/10 PLATE NO. W16-1P.1

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 135 | E



9

9

STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET	E

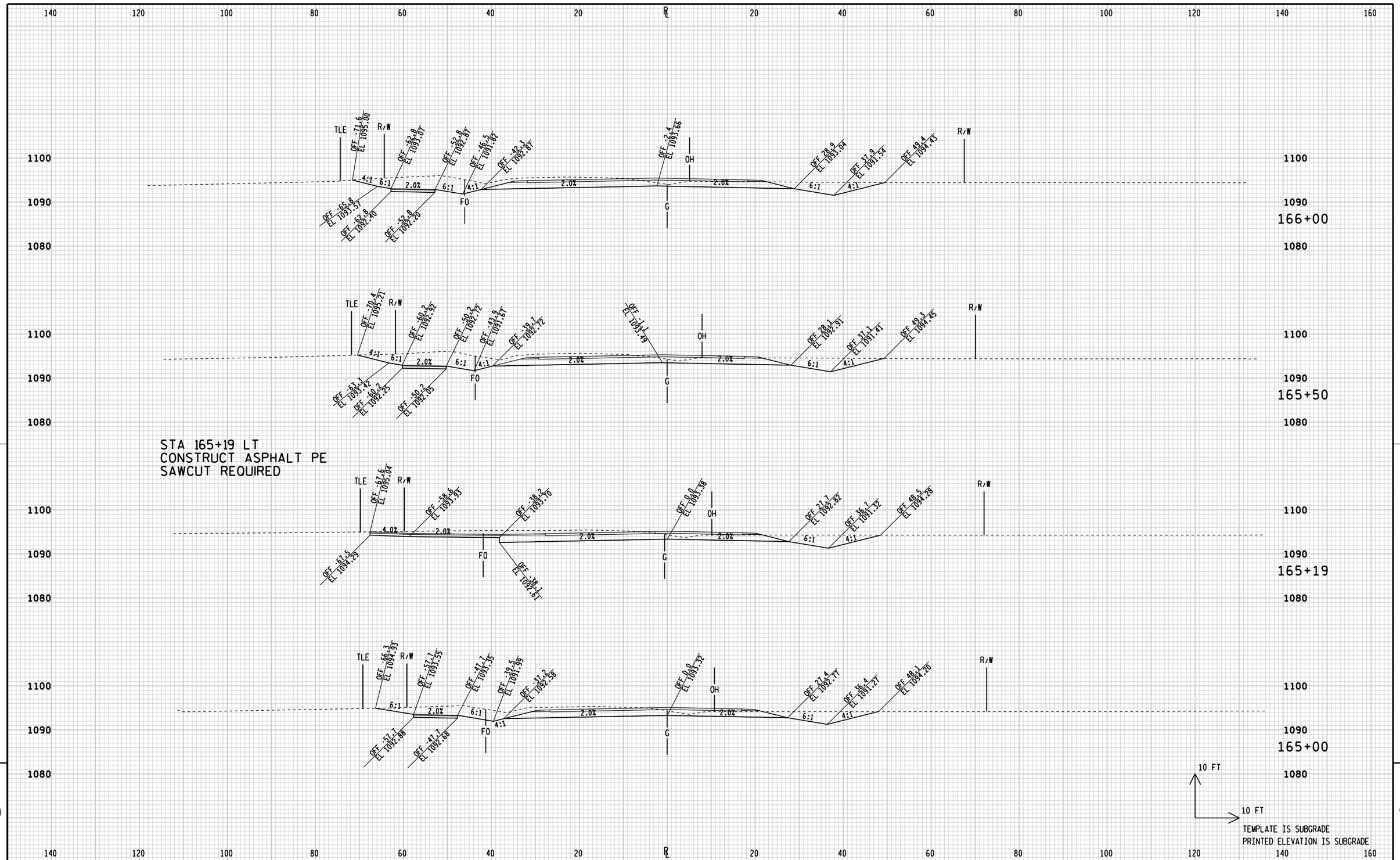
FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 1 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:33:54 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A

9

9

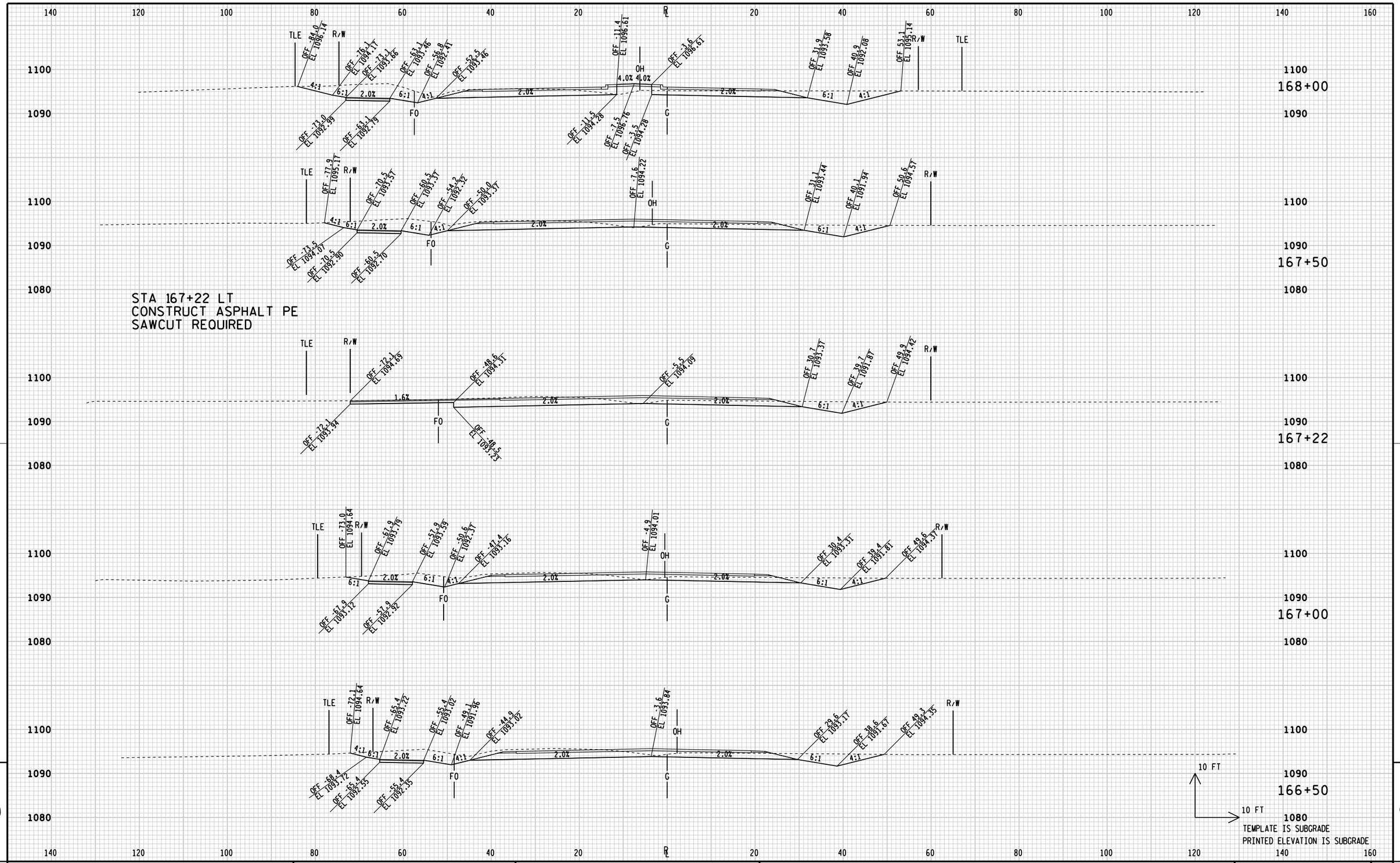
STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 137	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 2 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:33:55 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET	E

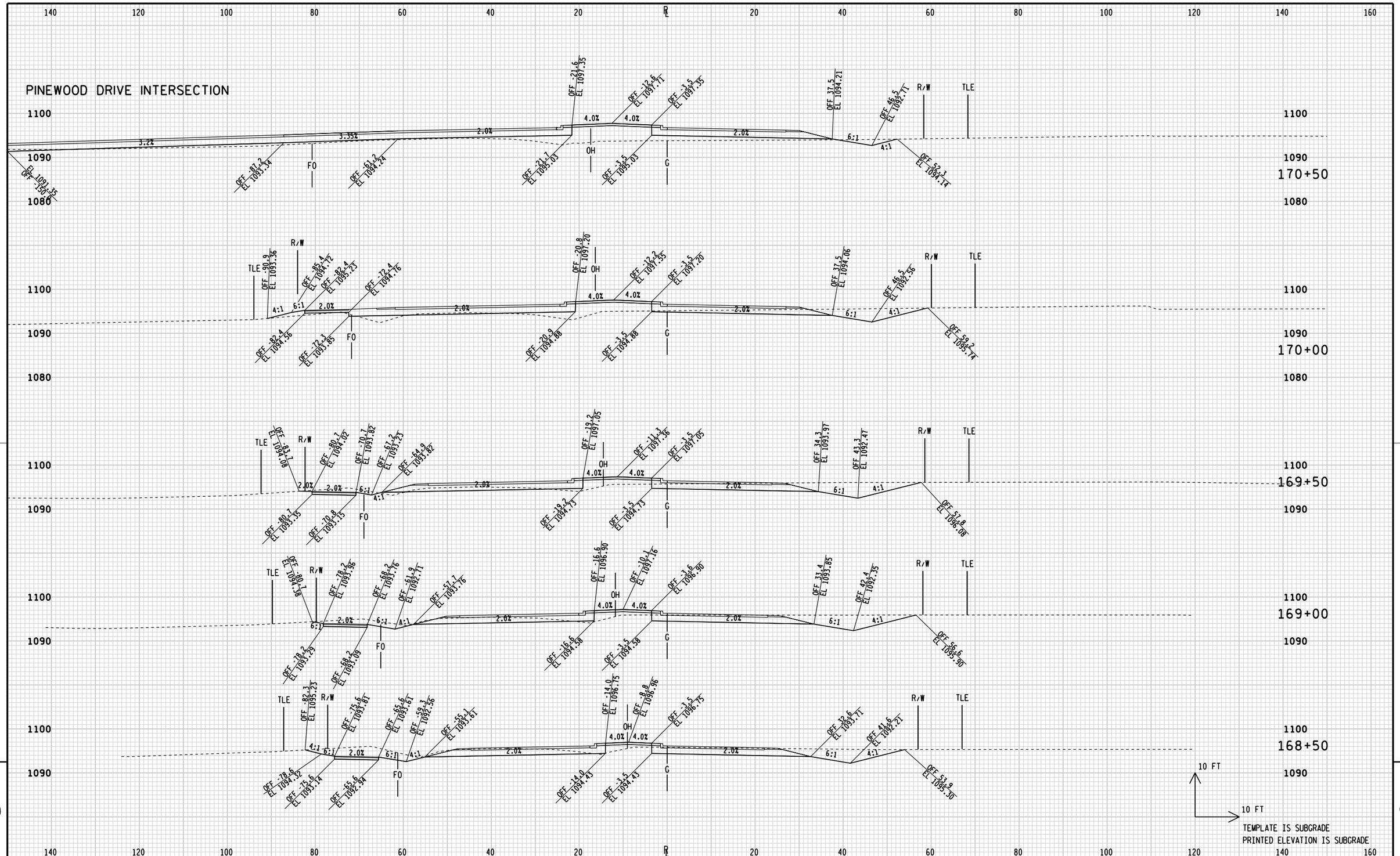
FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 3 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:33:56 AM
PLOT SCALE: 1:20



STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 139 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 4 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:33:58 AM
PLOT SCALE: 1:20

WISDOT/CADDS SHEET 21A

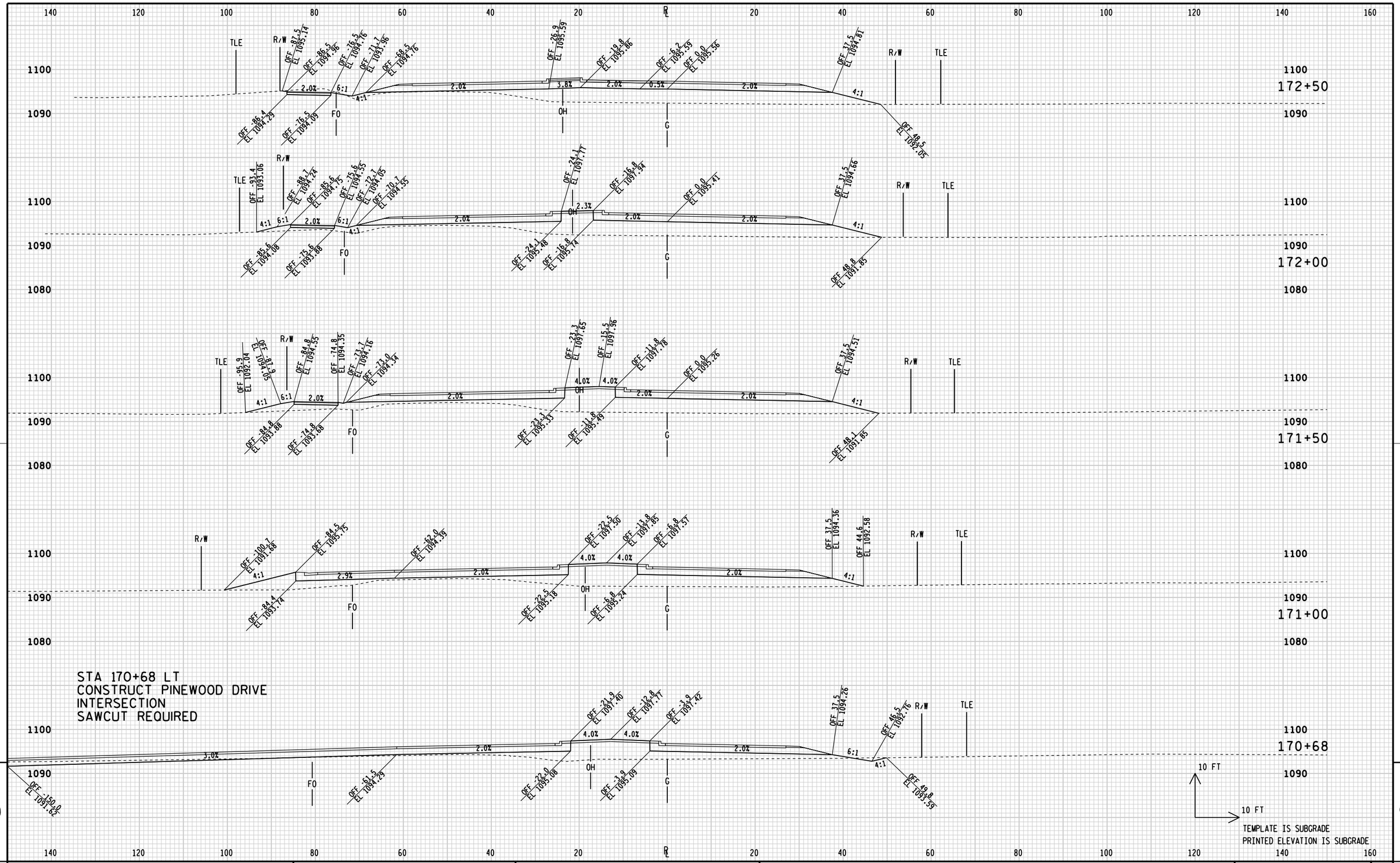


9

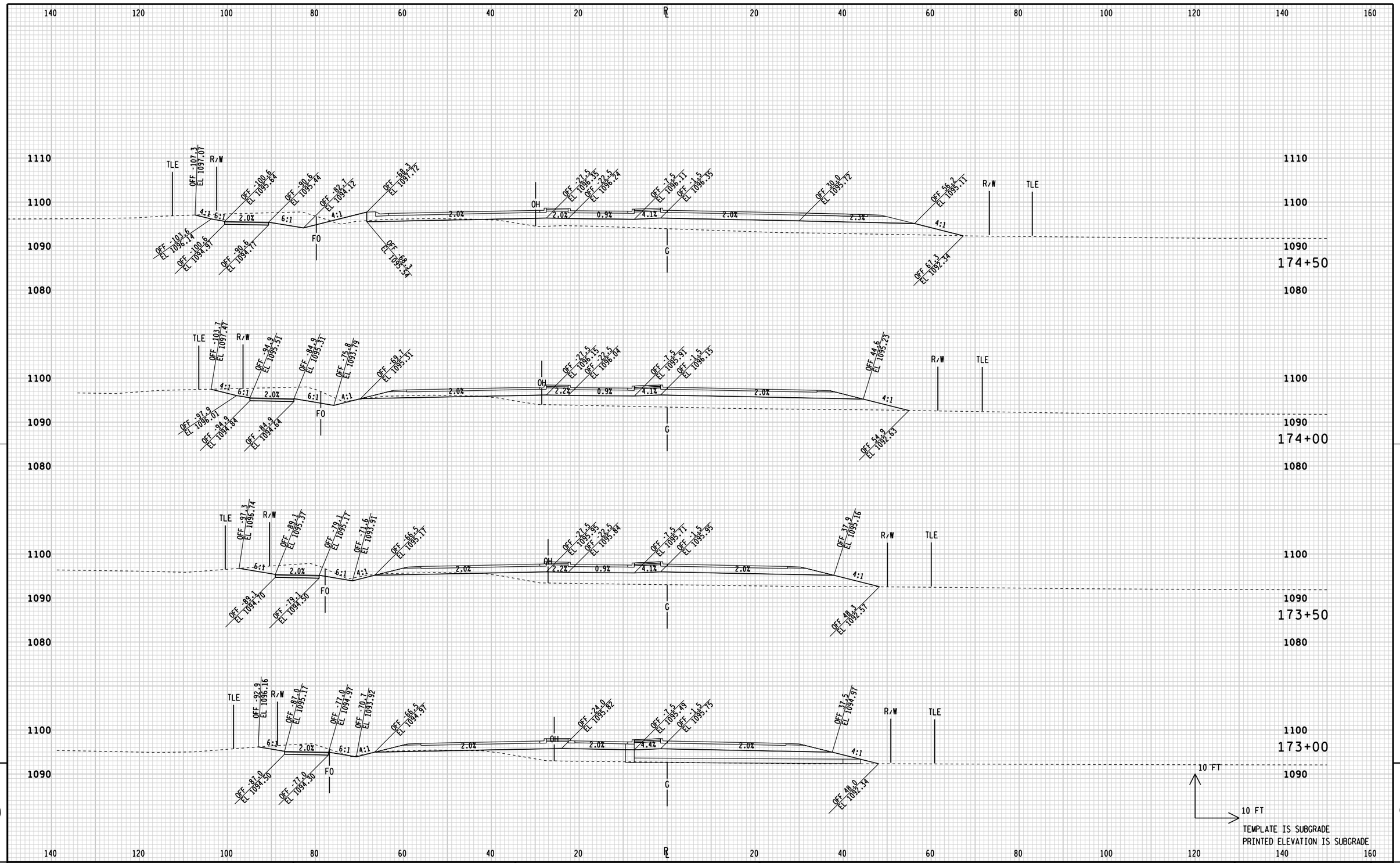
9

STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 140	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 5 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:33:59 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 141 E



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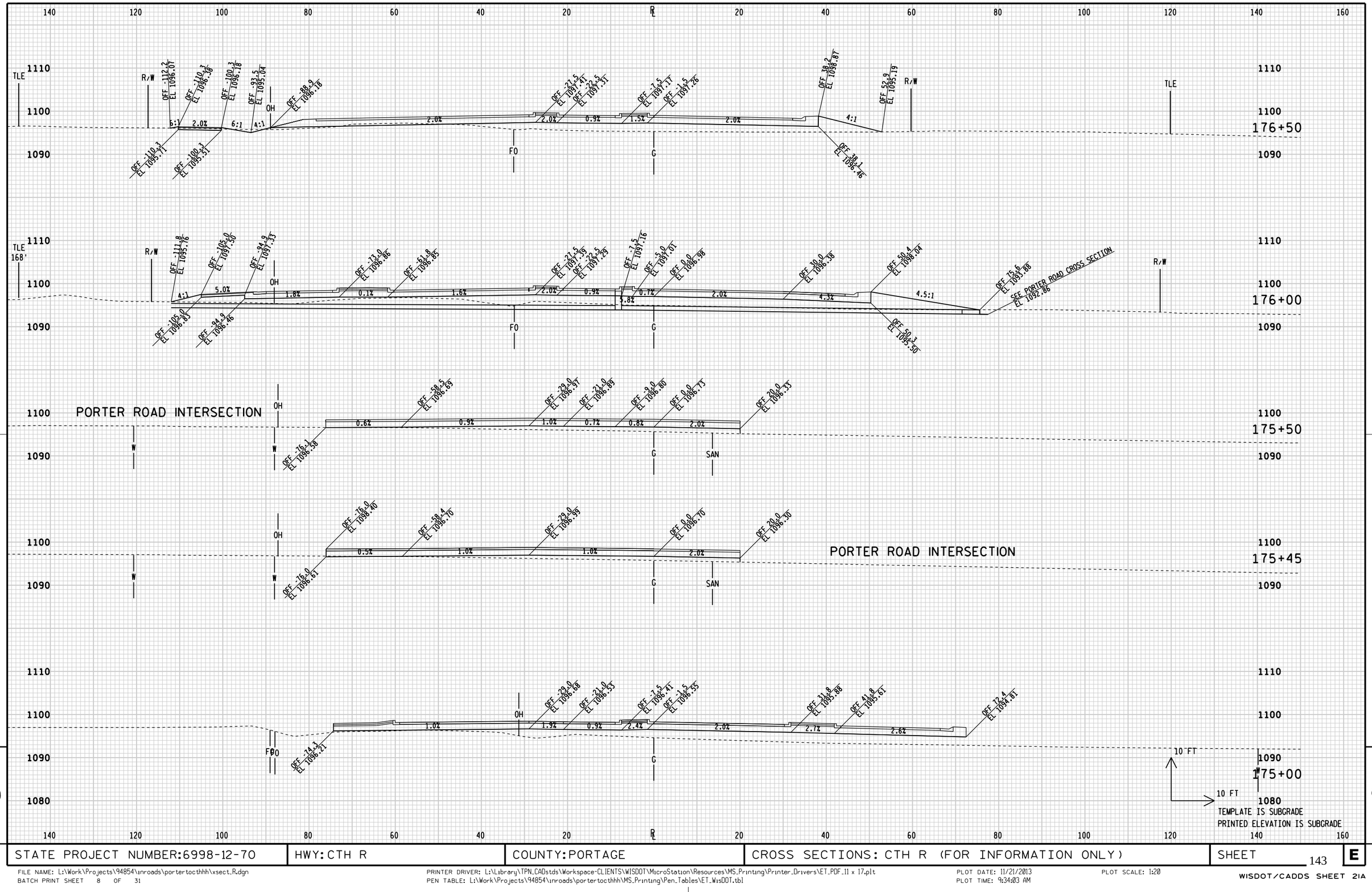
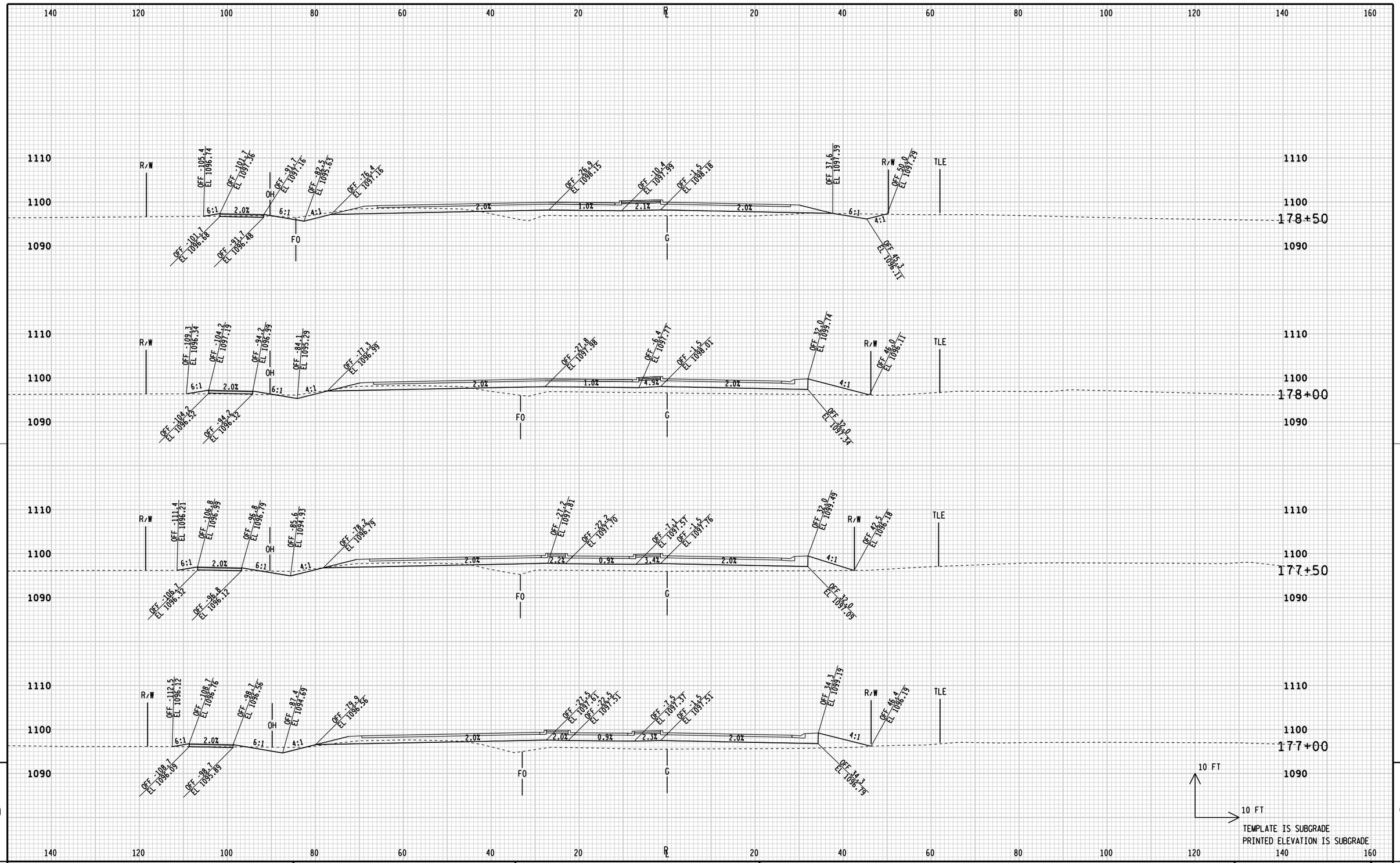
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 142	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 7 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:02 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 8 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:03 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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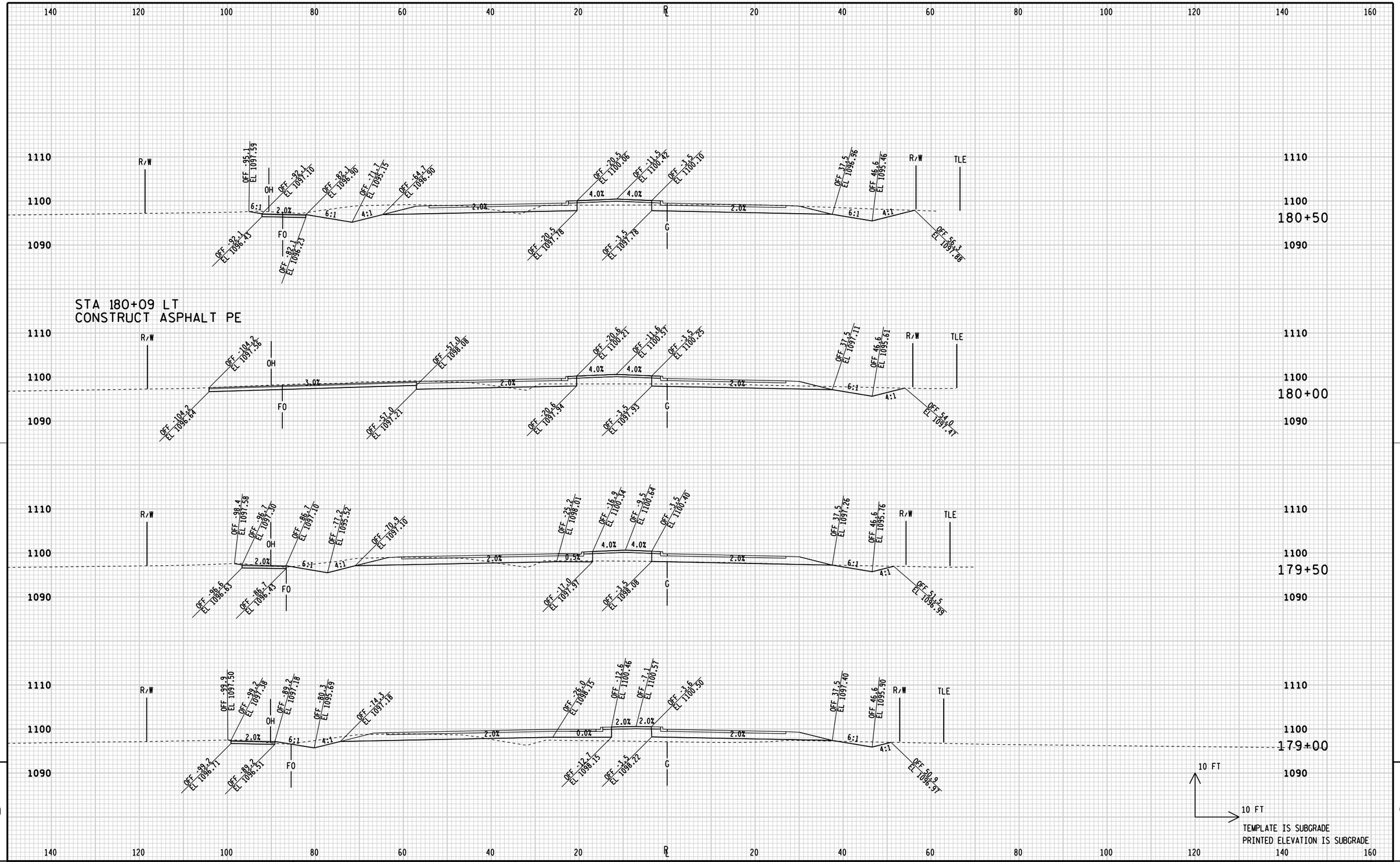
STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 144	E

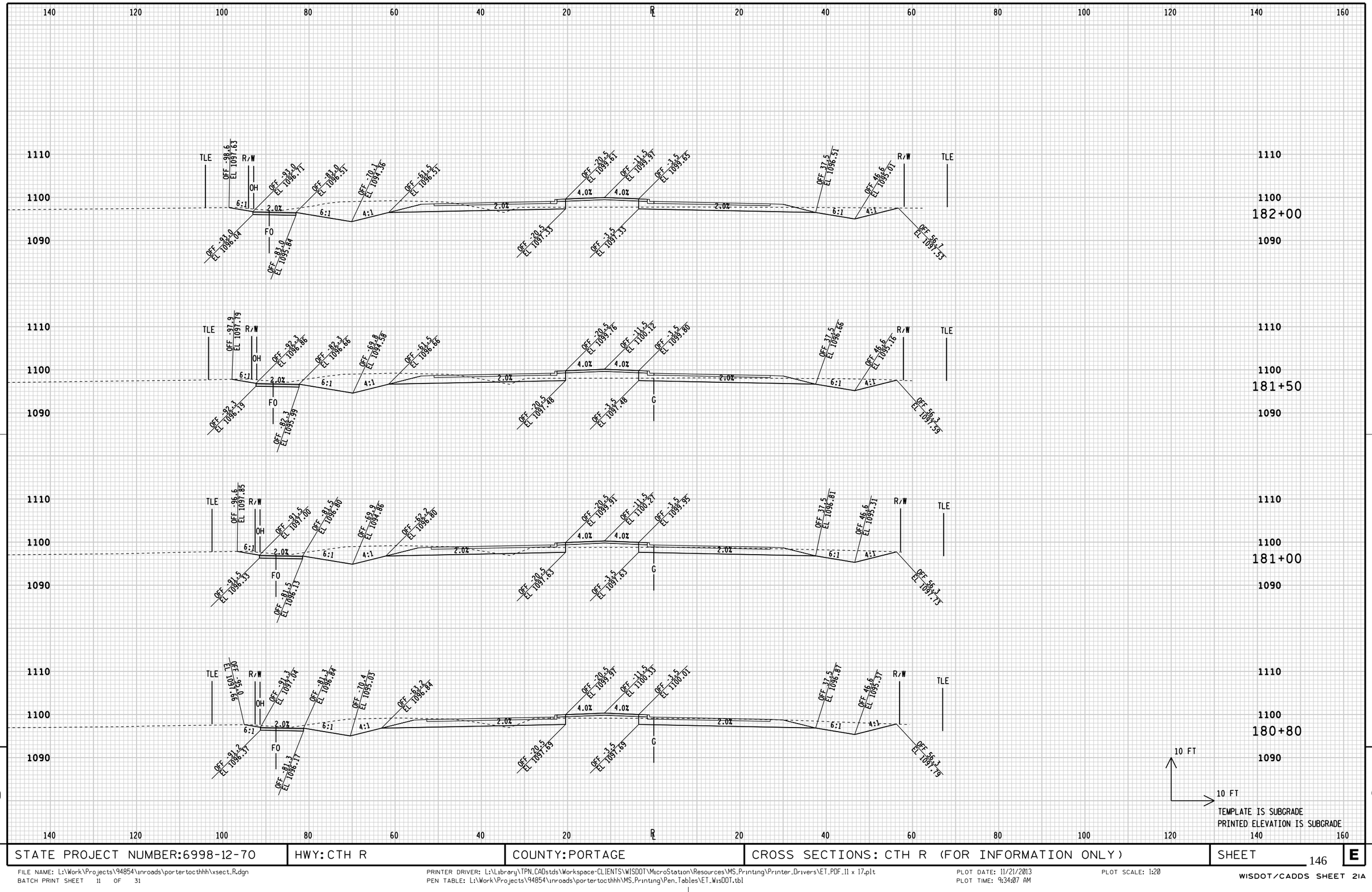
FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 9 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:04 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A

STA 180+09 LT
CONSTRUCT ASPHALT PE



STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 145 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 10 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:06 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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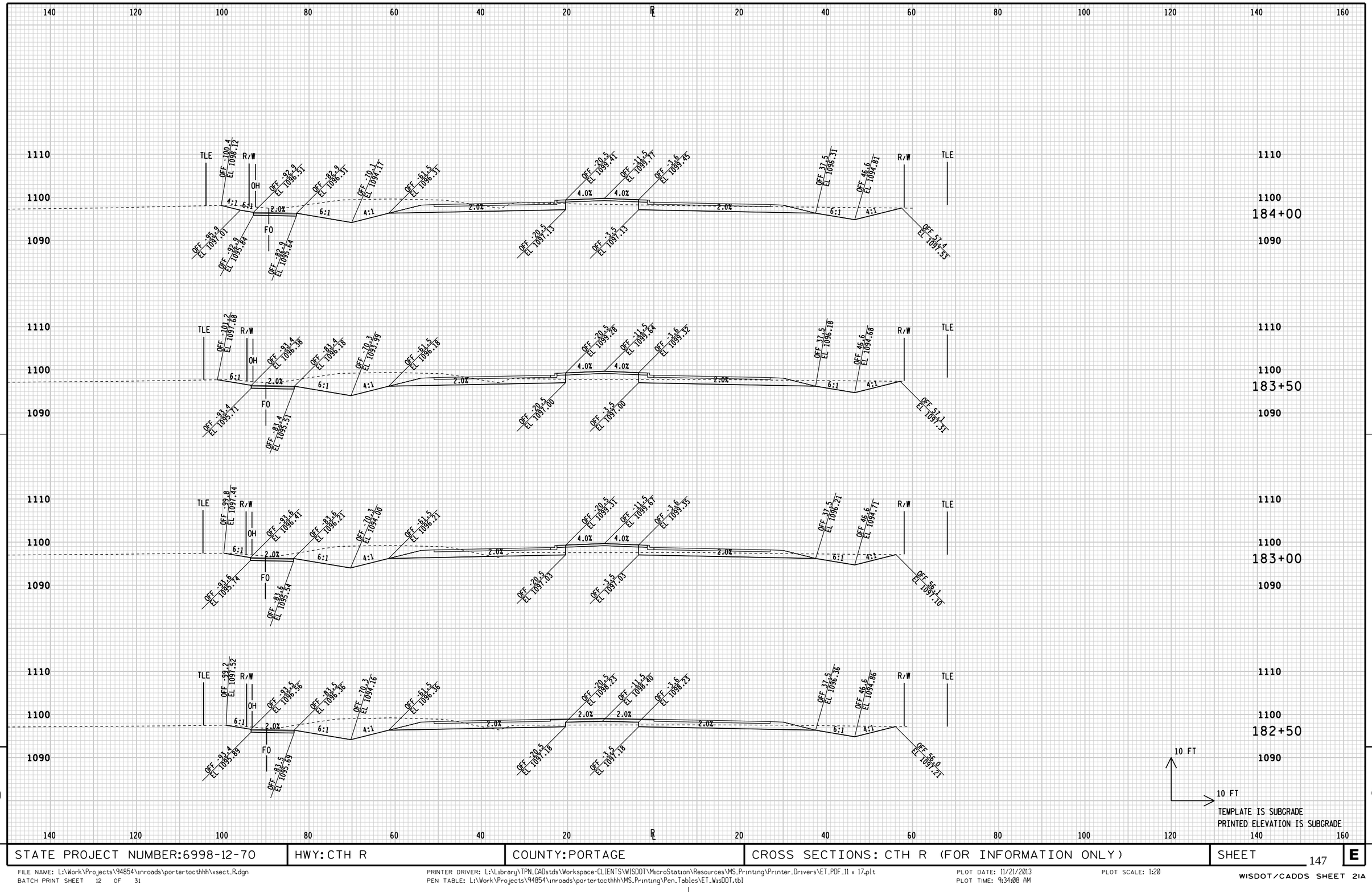
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 146 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 11 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:07 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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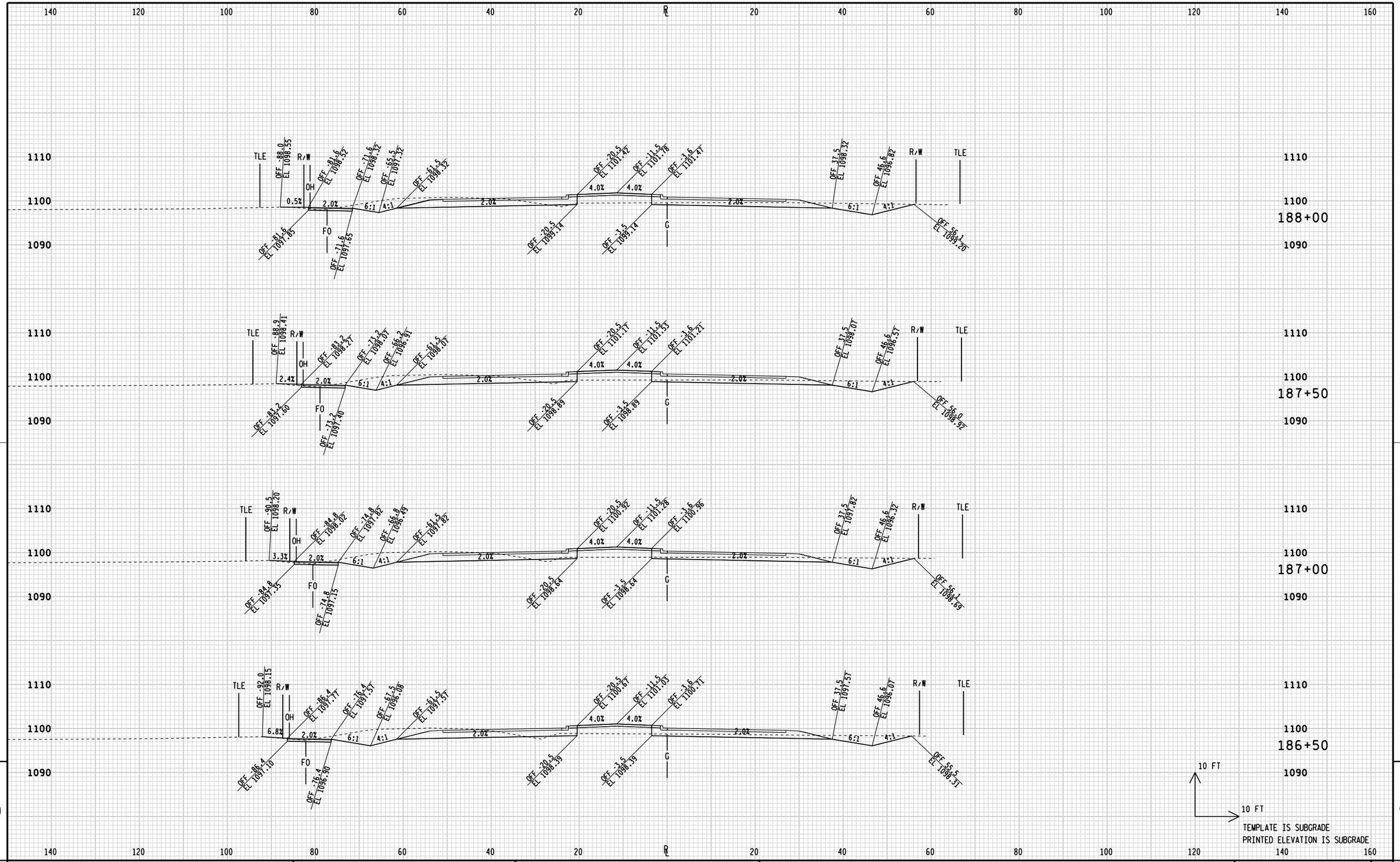
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 147 E

STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 148 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 13 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:10 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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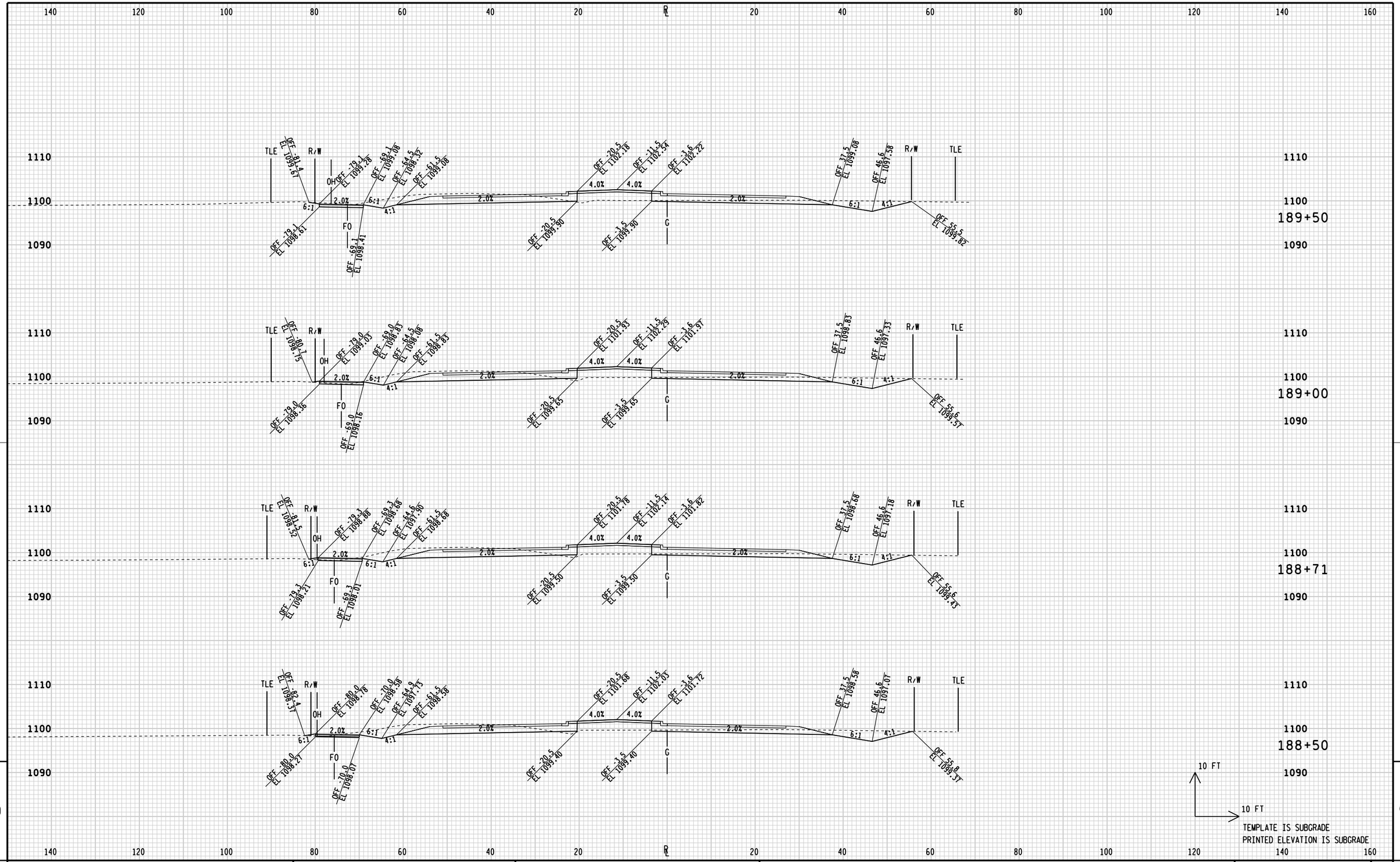
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 149 E



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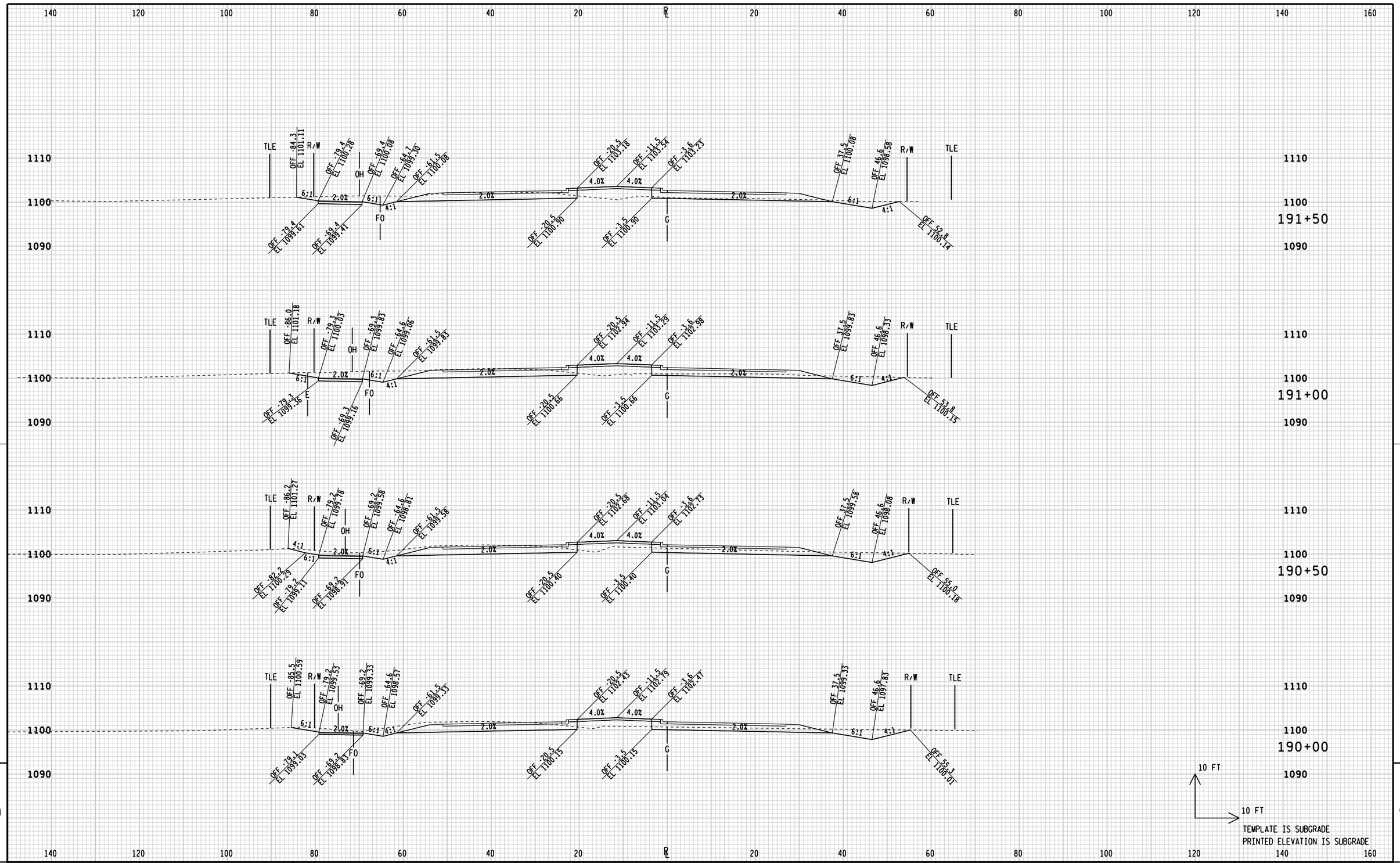
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 150 E



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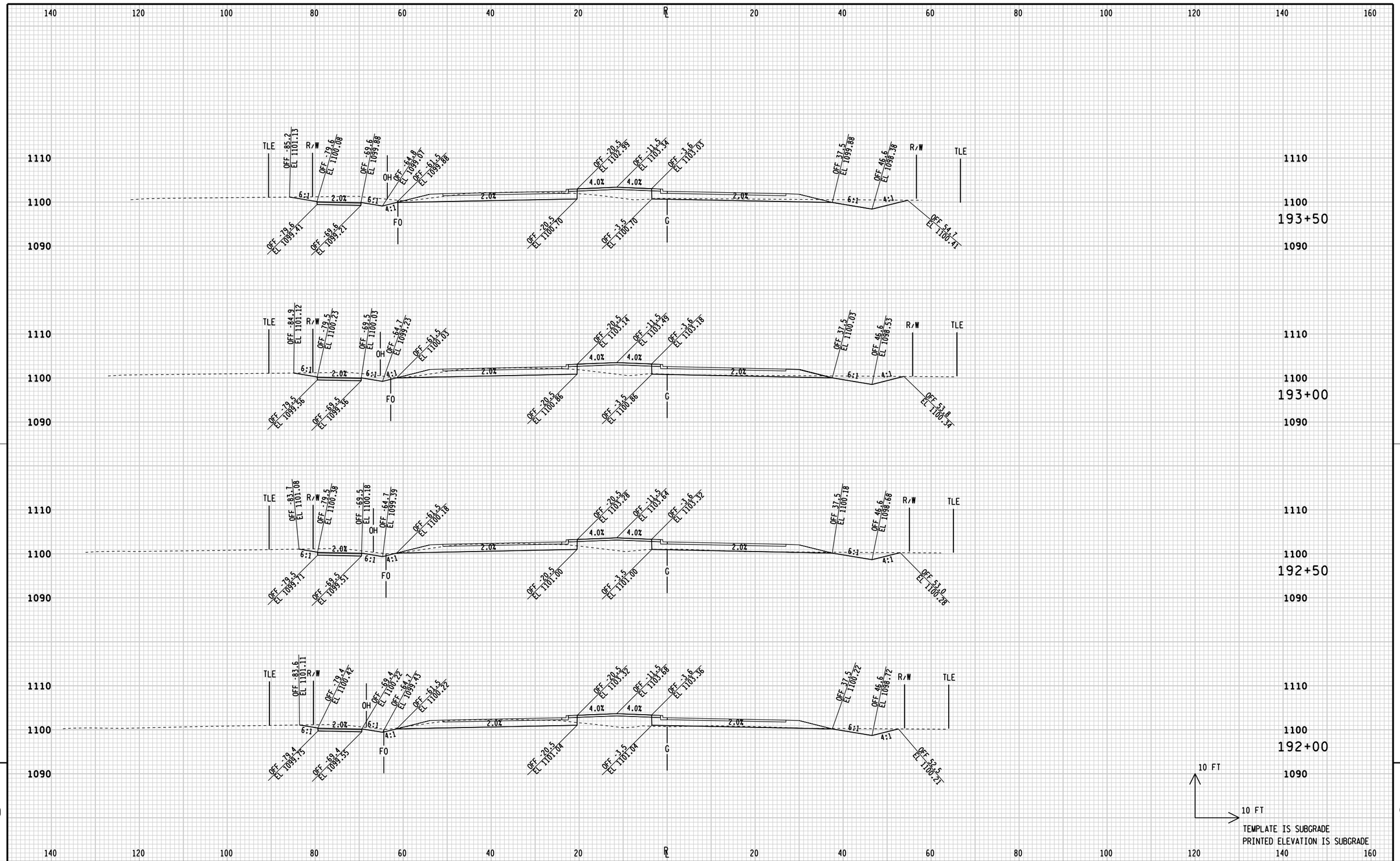
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 151	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 16 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:14 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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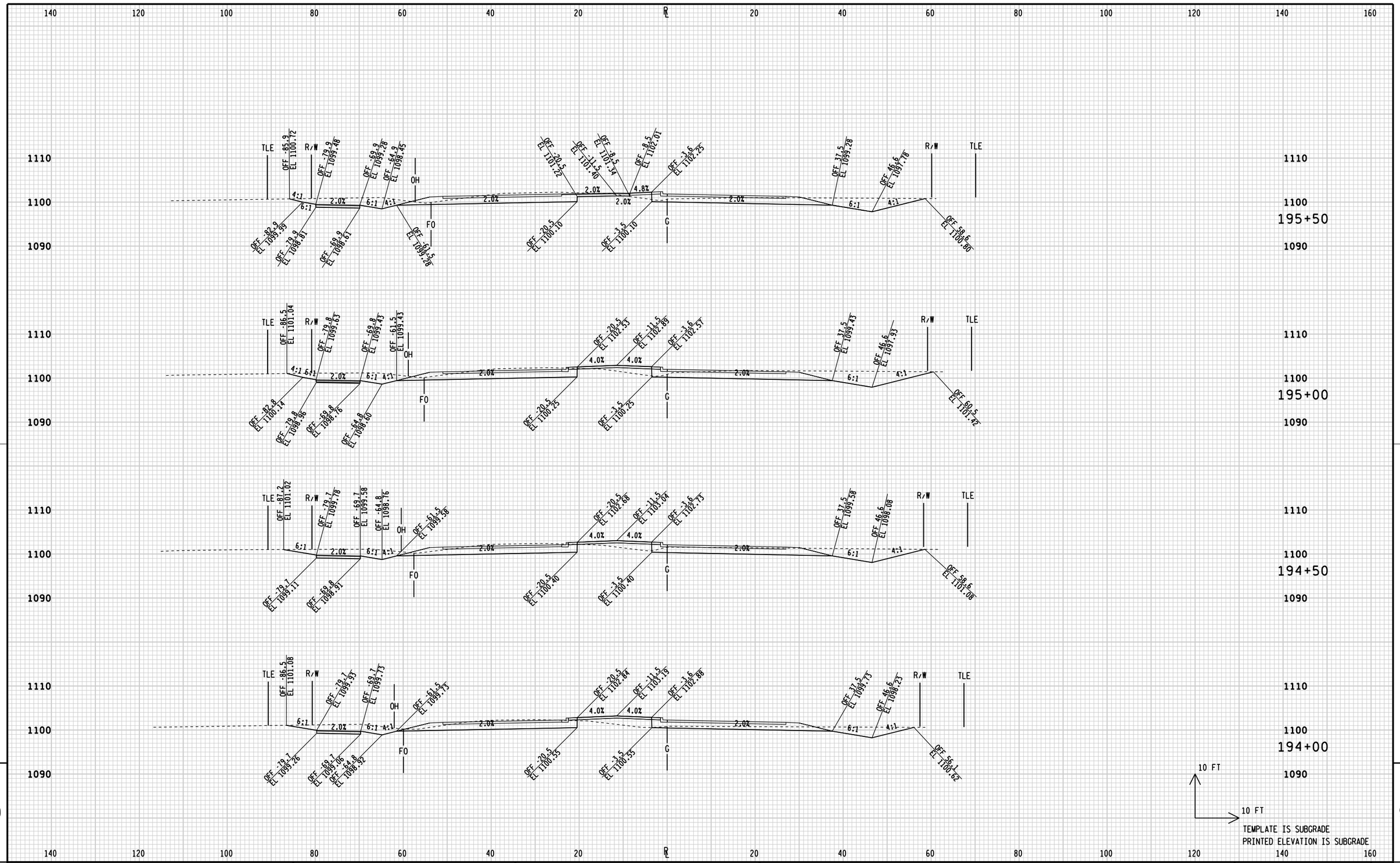
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 152	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 17 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:15 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 153	E

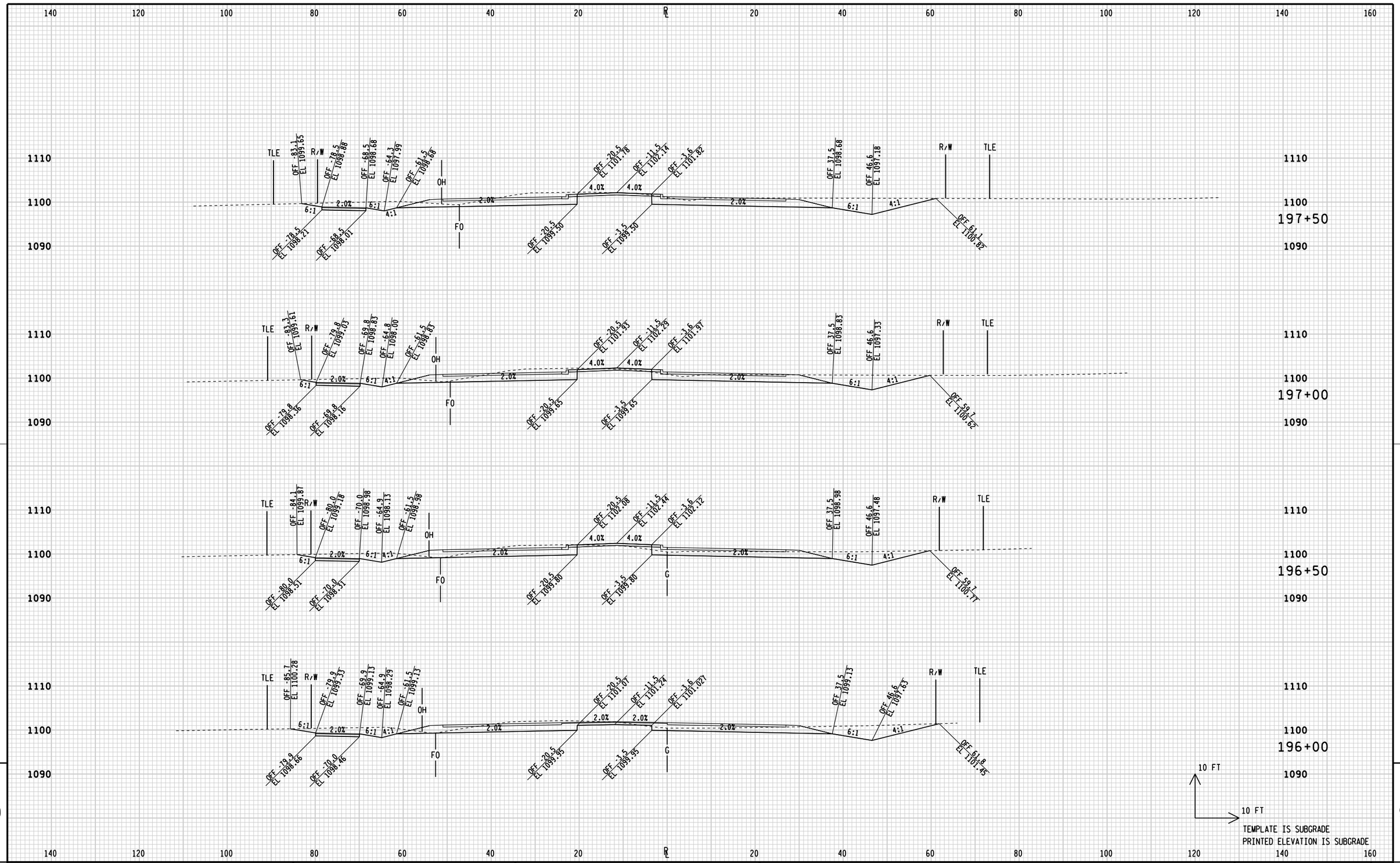
FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 18 OF 31

PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl

PLOT DATE: 11/21/2013
PLOT TIME: 9:34:16 AM

PLOT SCALE: 1:20

WISDOT/CADDS SHEET 21A



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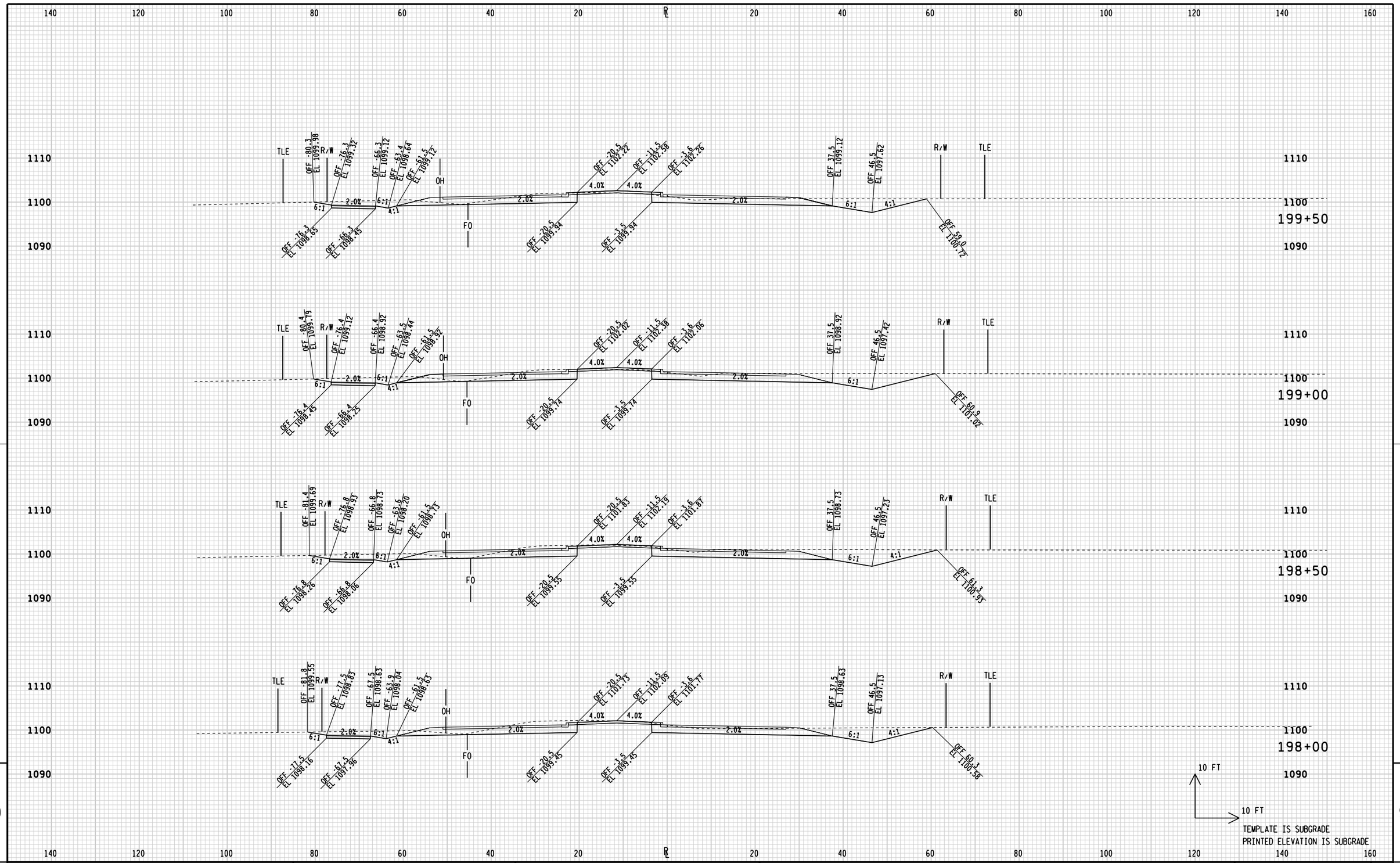
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 154 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 19 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:18 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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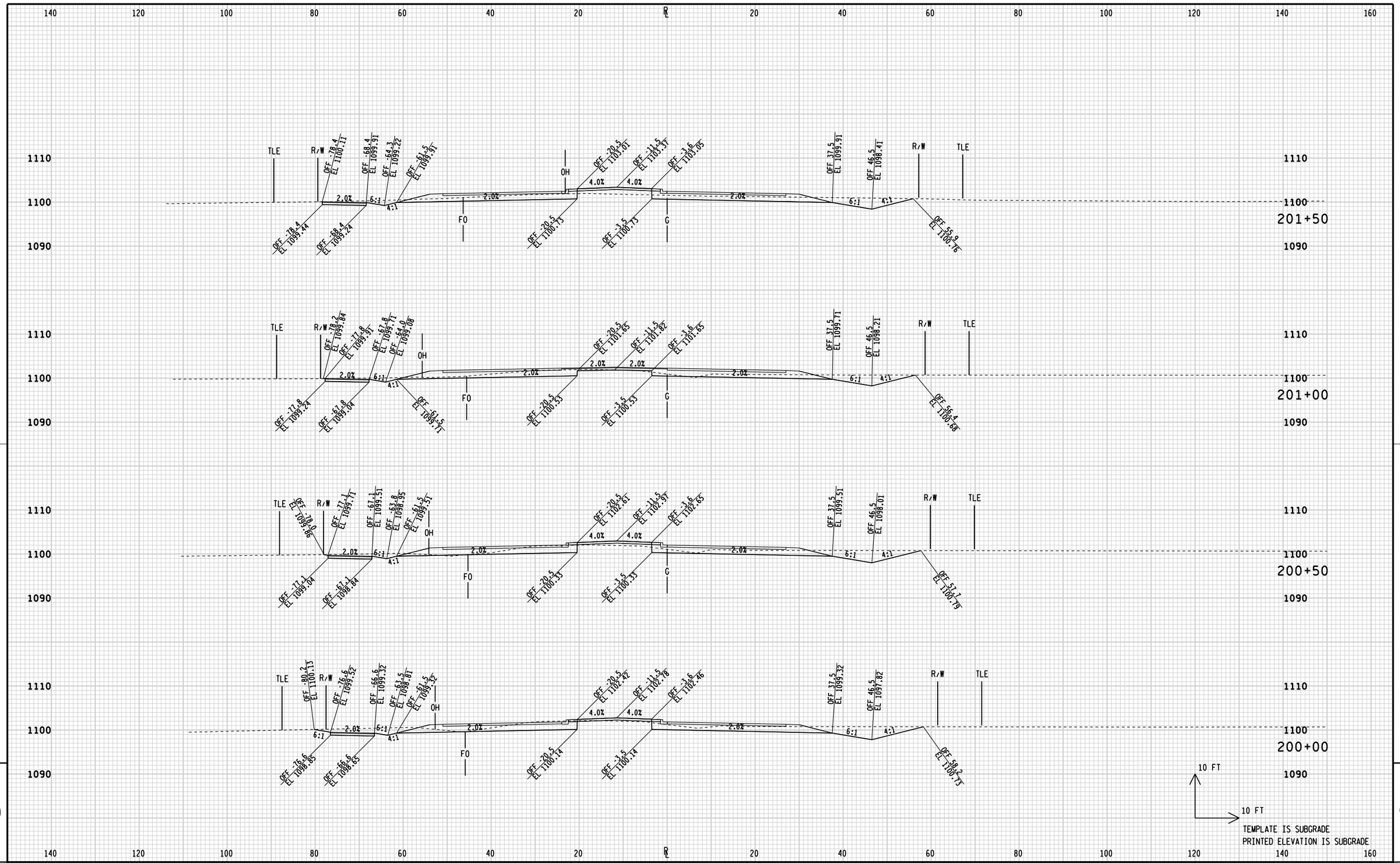
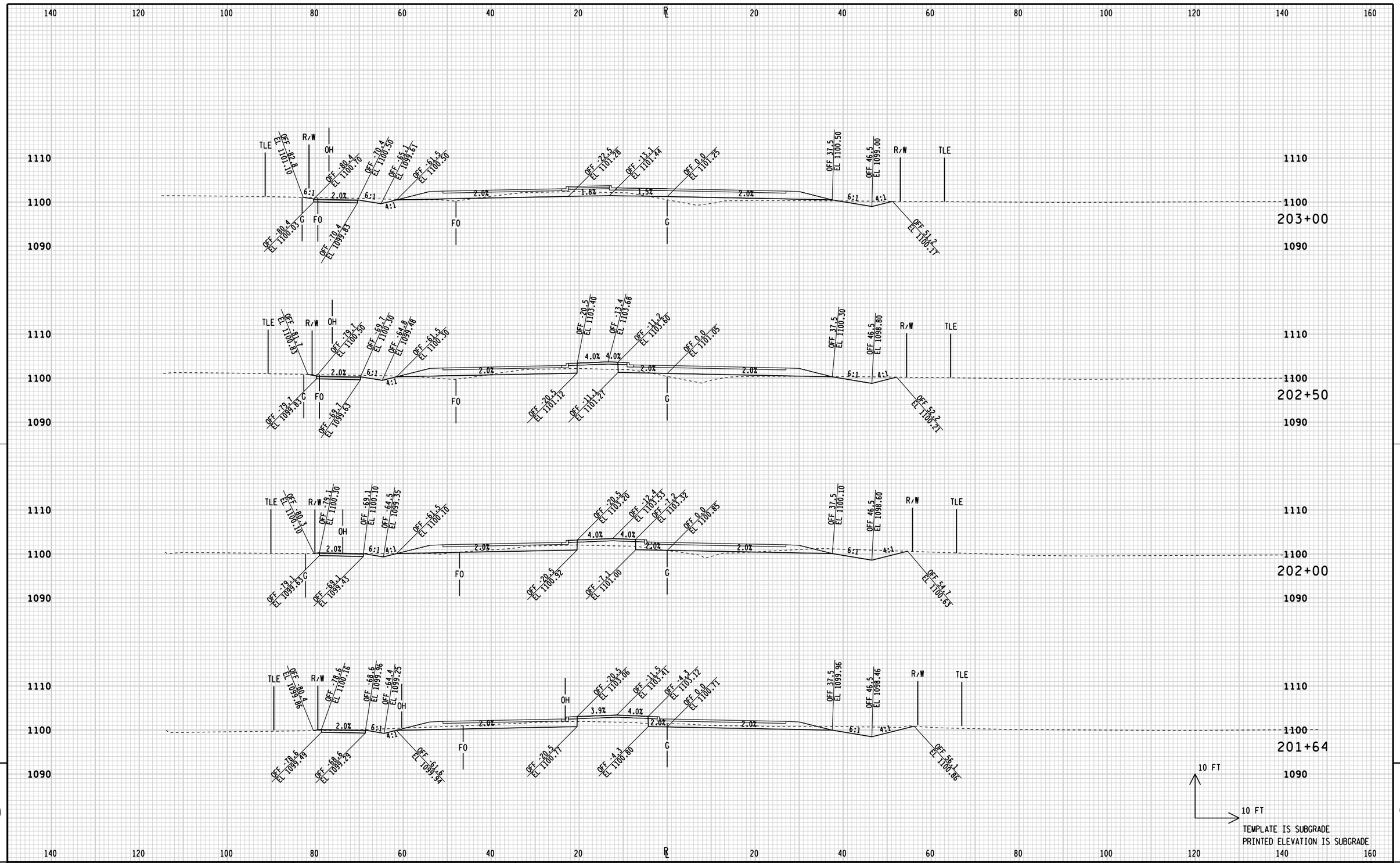
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 155	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 20 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:19 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 156 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 21 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:21 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 157	E

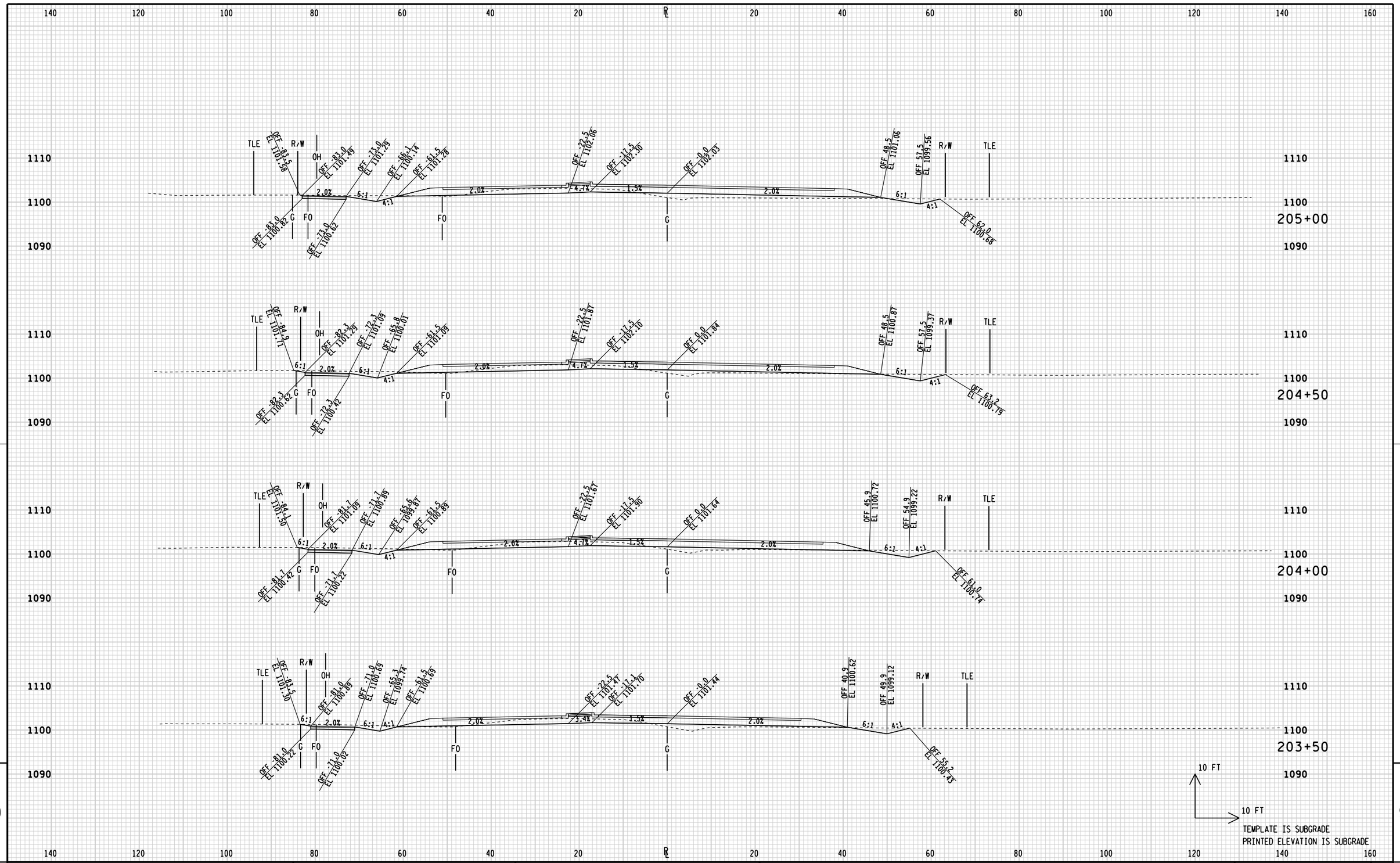
FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 22 OF 31

PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl

PLOT DATE: 11/21/2013
PLOT TIME: 9:34:22 AM

PLOT SCALE: 1:20

WISDOT/CADDS SHEET 21A

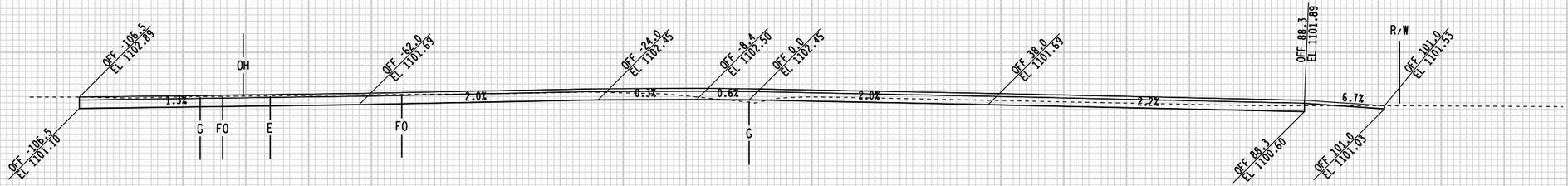


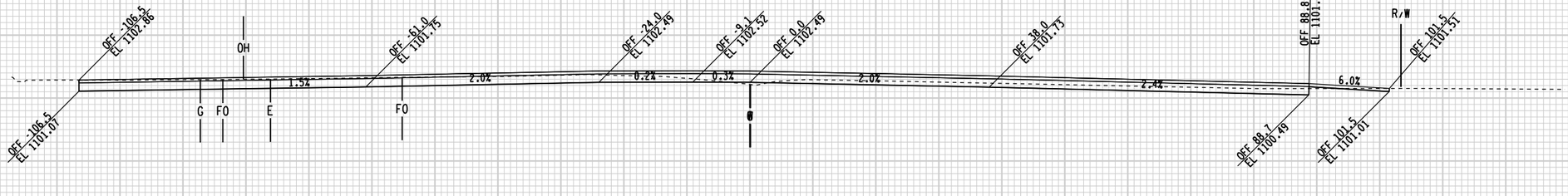
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 158	E

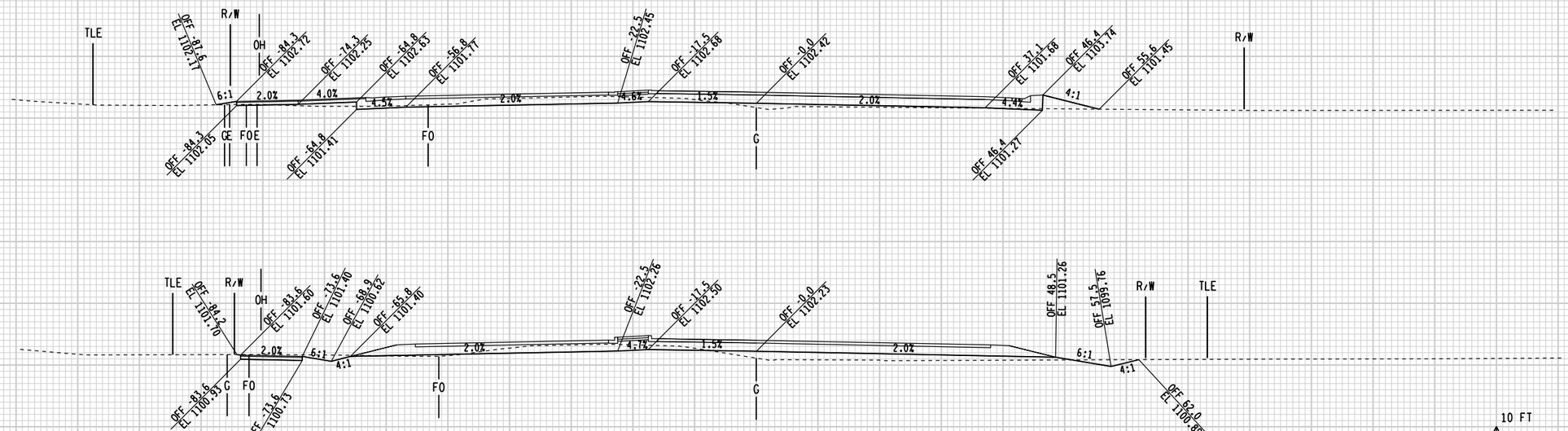
FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 23 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:23 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A

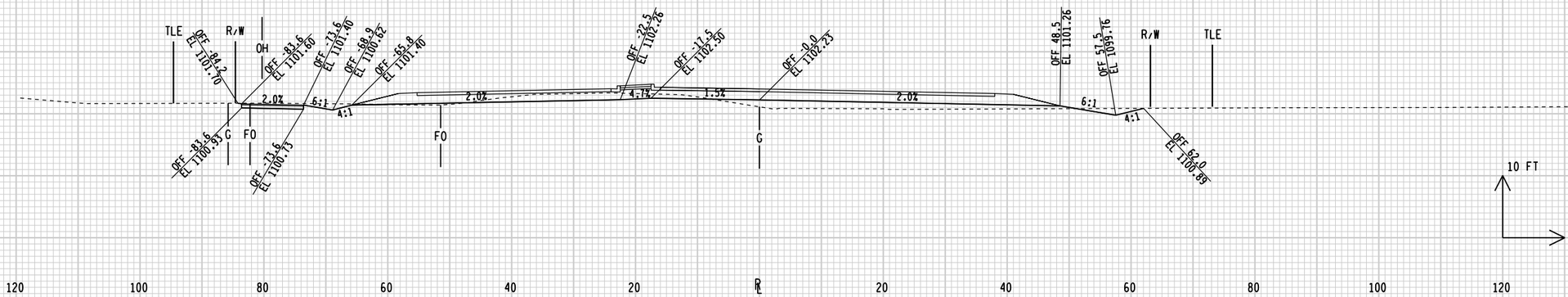
140 120 100 80 60 40 20 R 20 40 60 80 100 120 140 160

STA 206+53
CONSTRUCT COMMONS CIRCLE
INTERSECTION









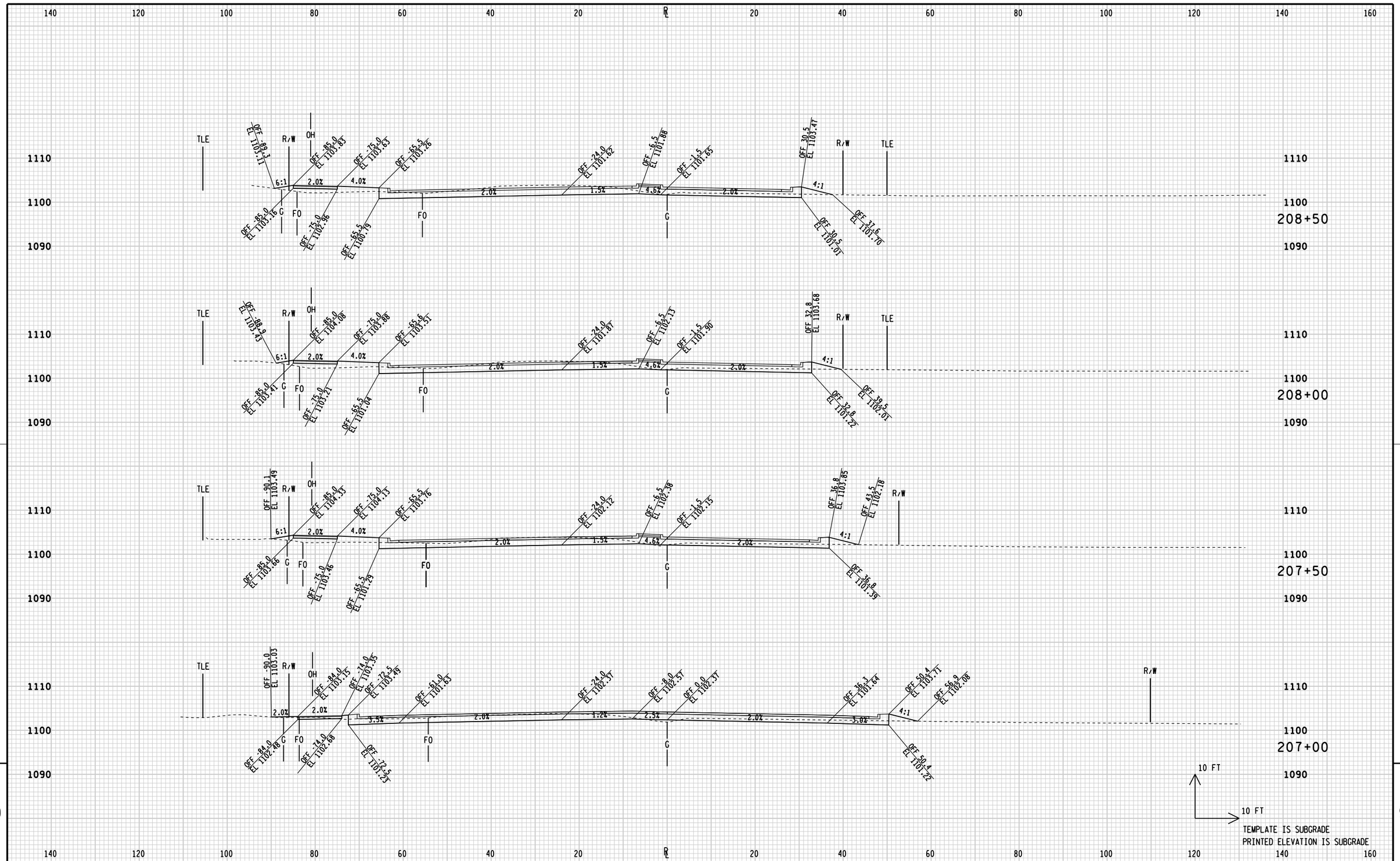
10 FT
10 FT

TEMPLATE IS SUBGRADE
PRINTED ELEVATION IS SUBGRADE

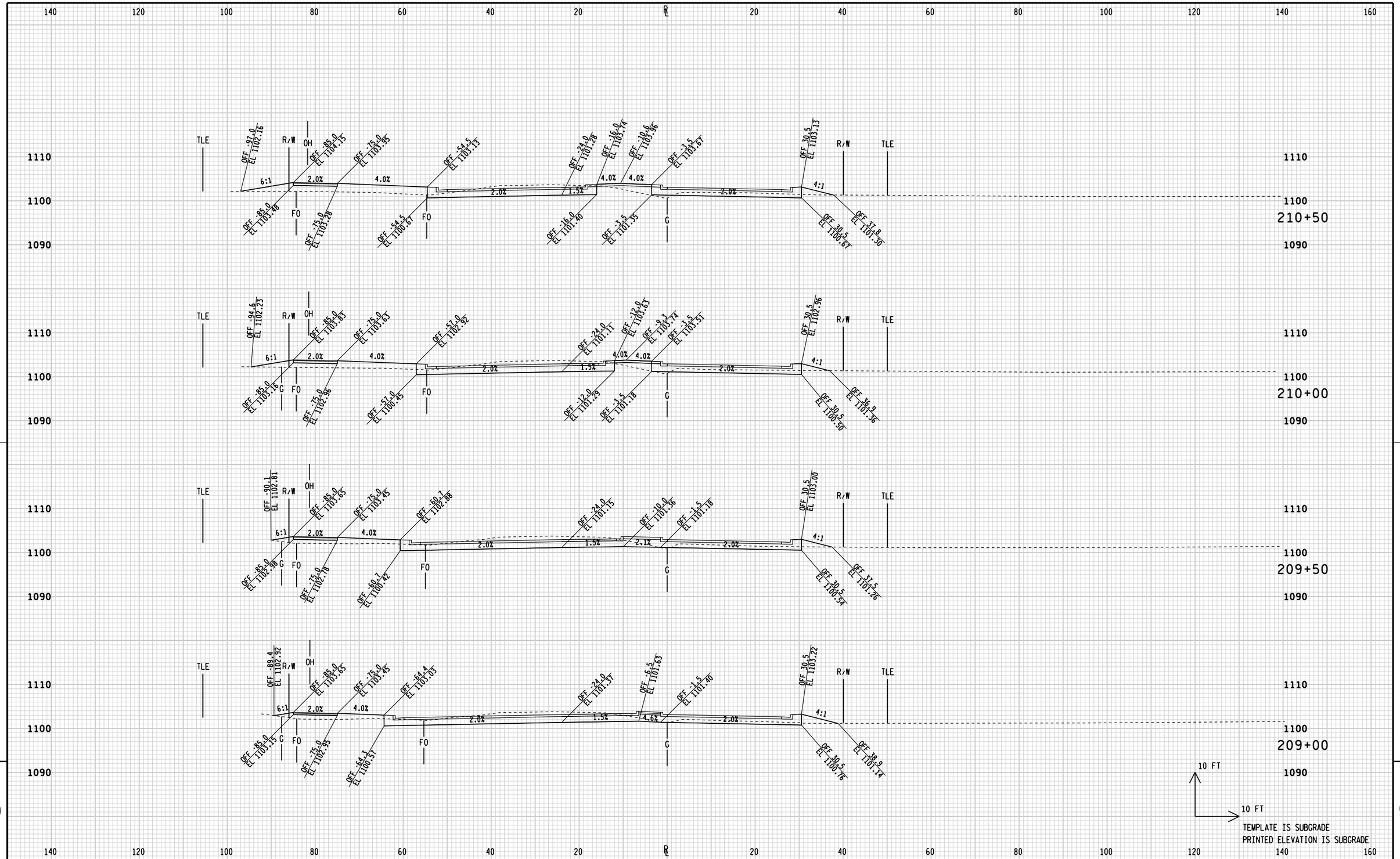
140 120 100 80 60 40 20 R 20 40 60 80 100 120 140 160

9 9

STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 159 E



STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 160 E

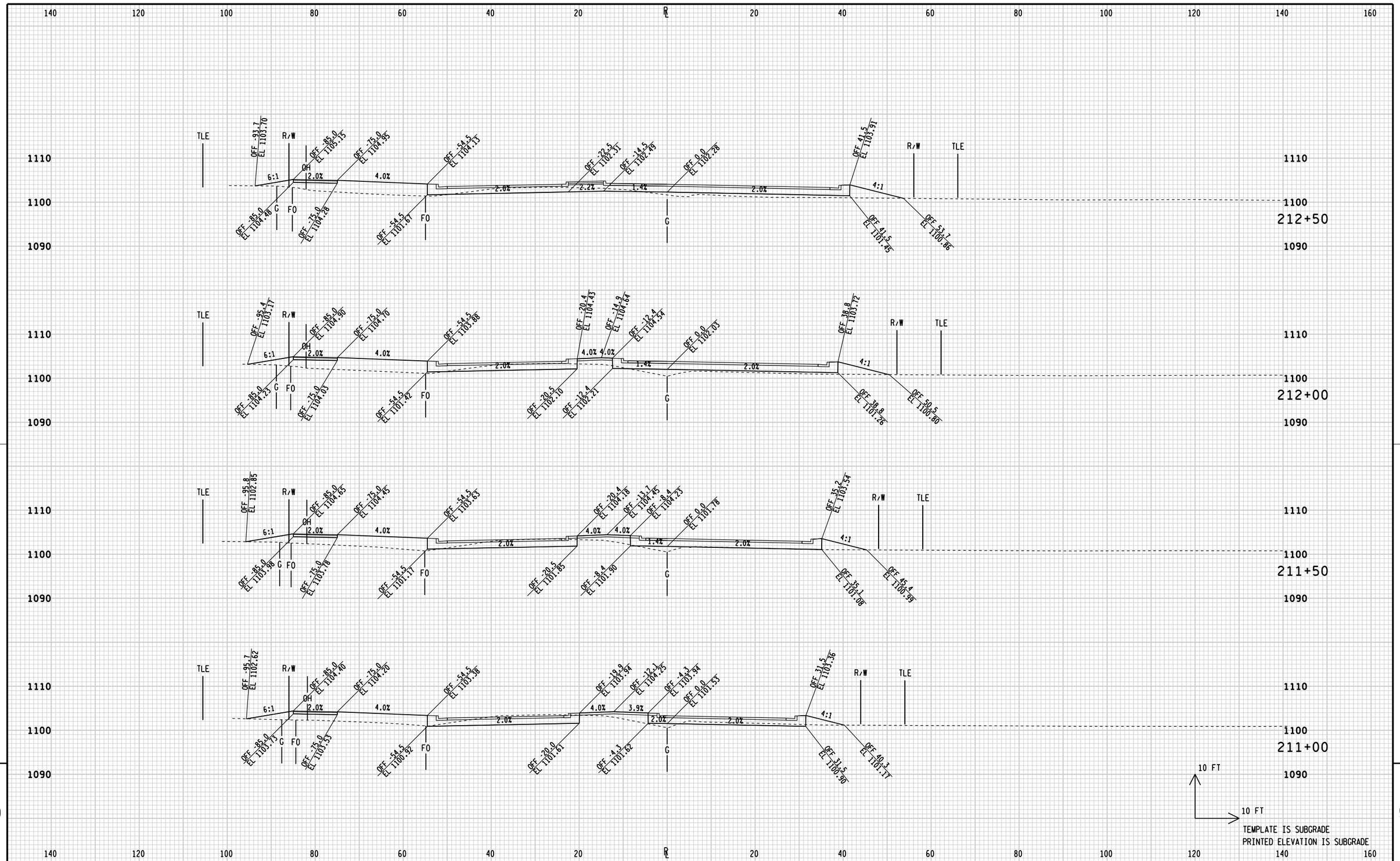


9

9

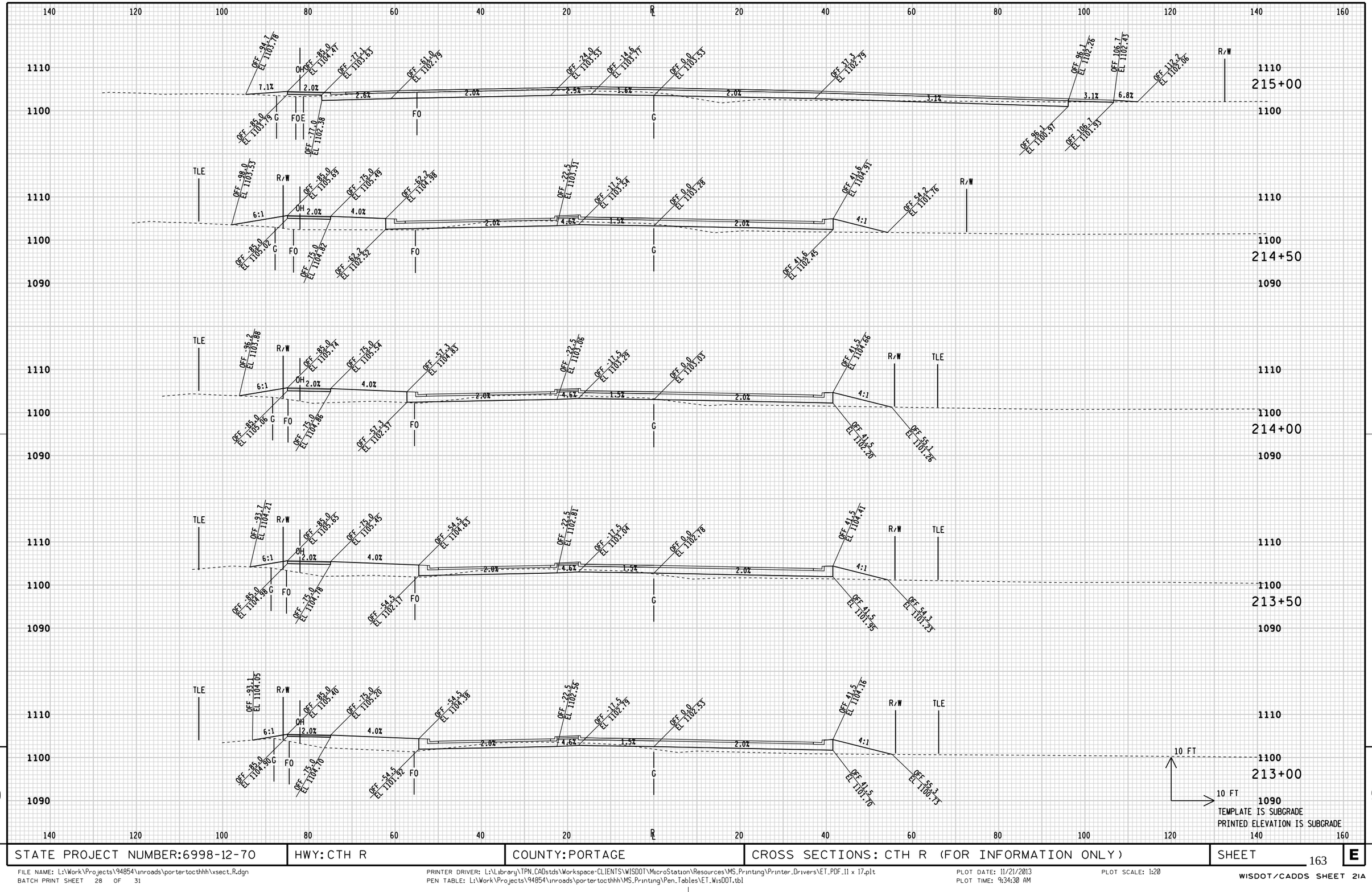
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 26 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:27 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



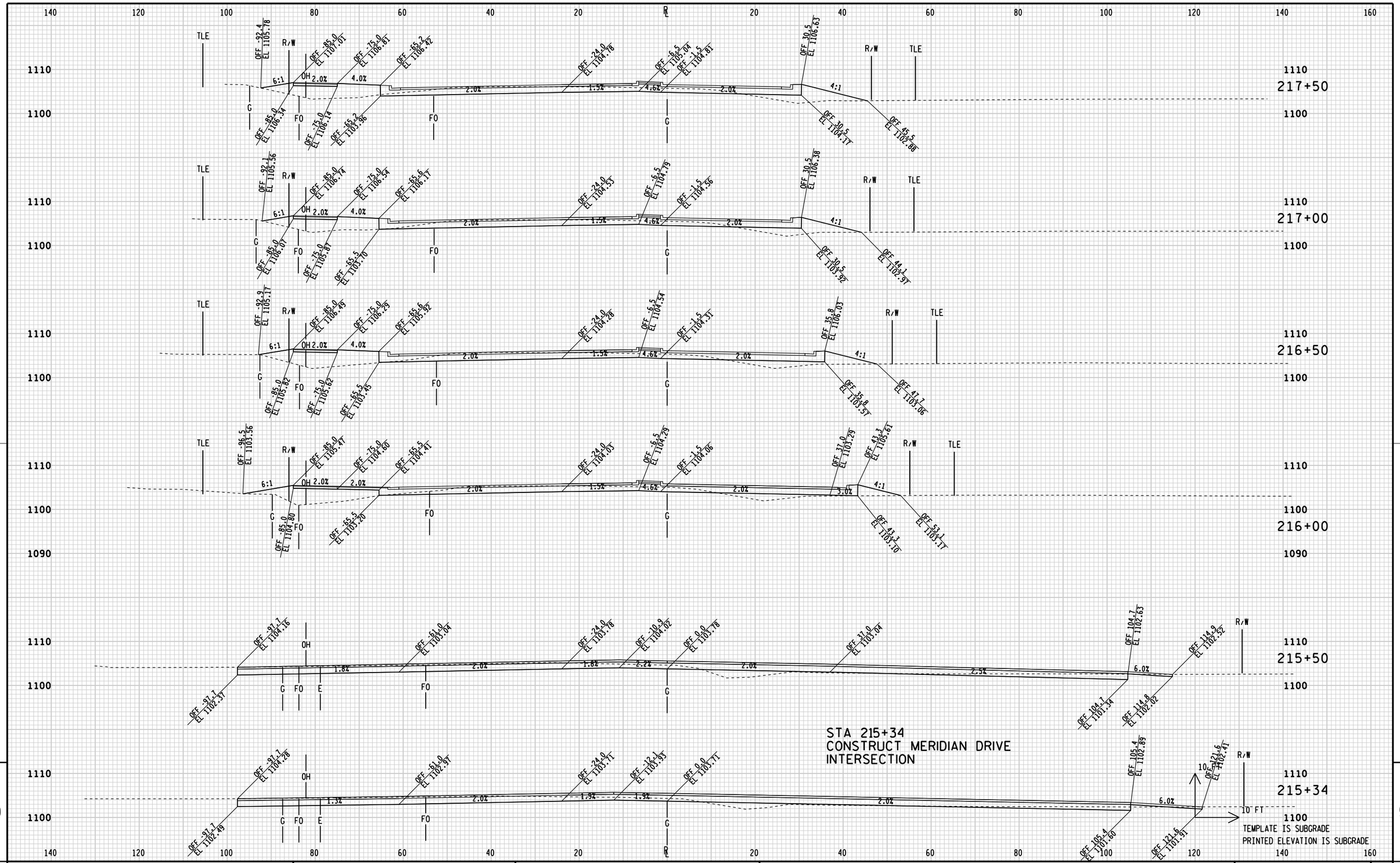
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 162	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 27 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:28 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



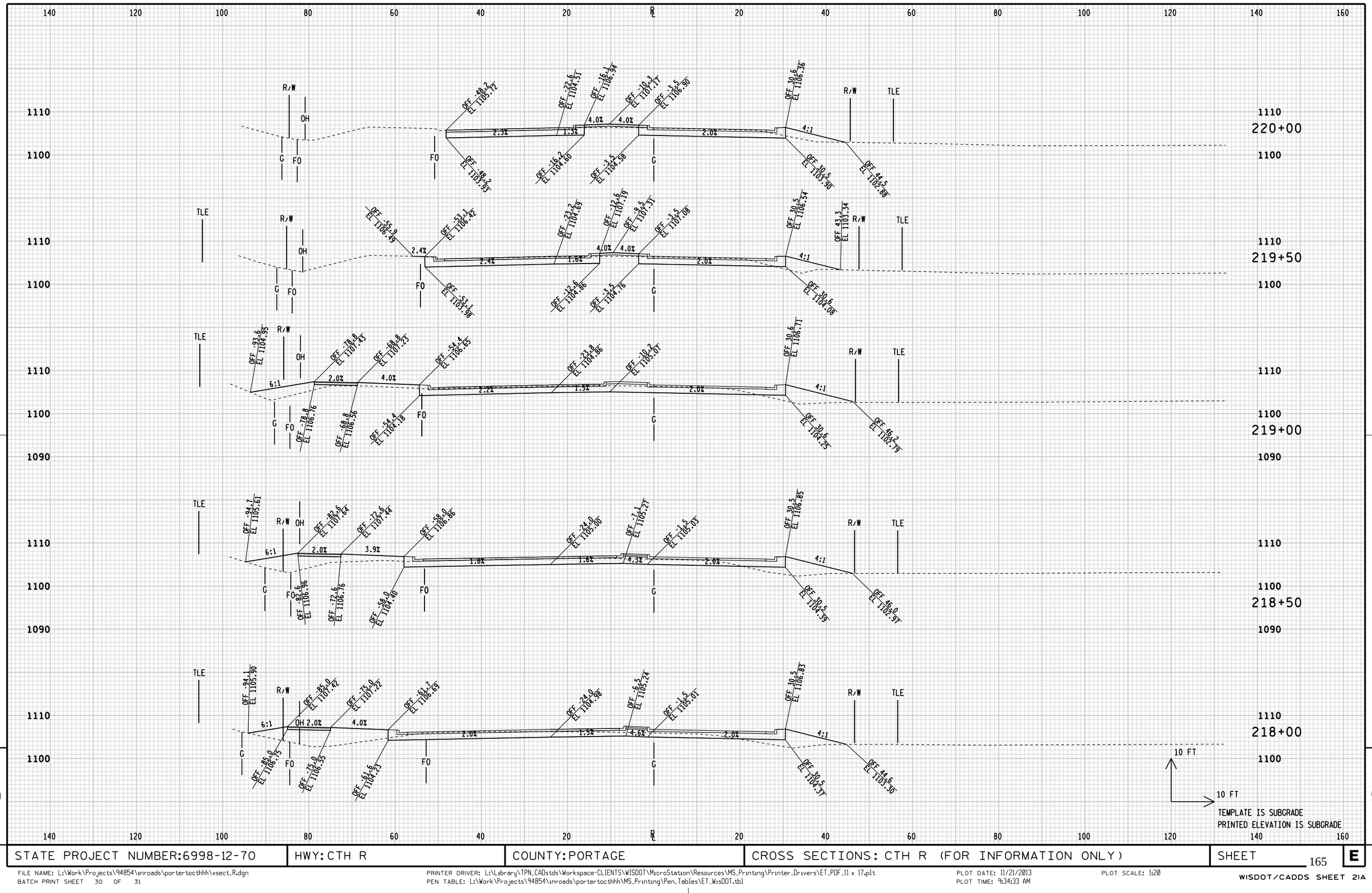
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 28 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:30 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



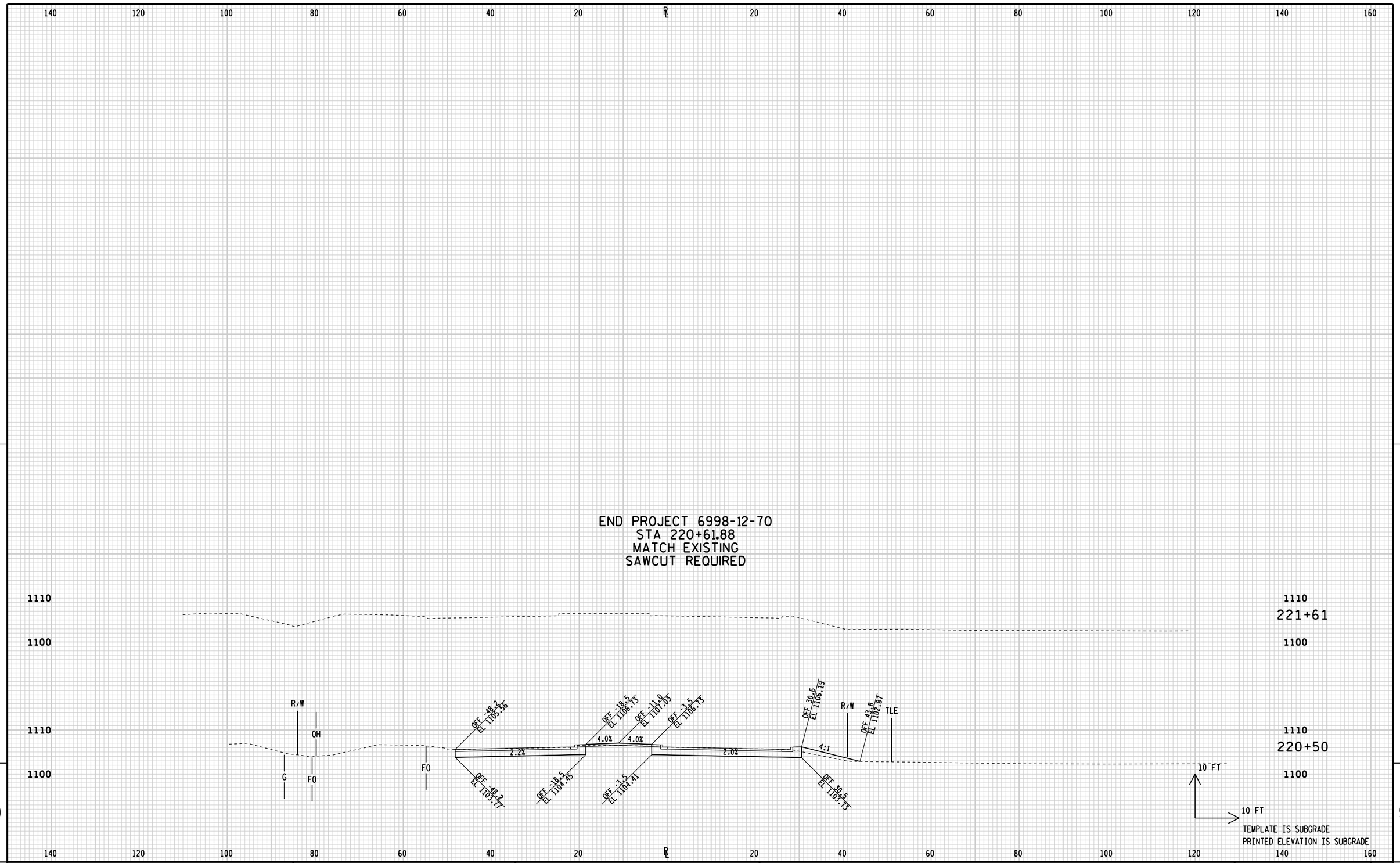
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 164 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 29 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:31 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 165 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 30 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:33 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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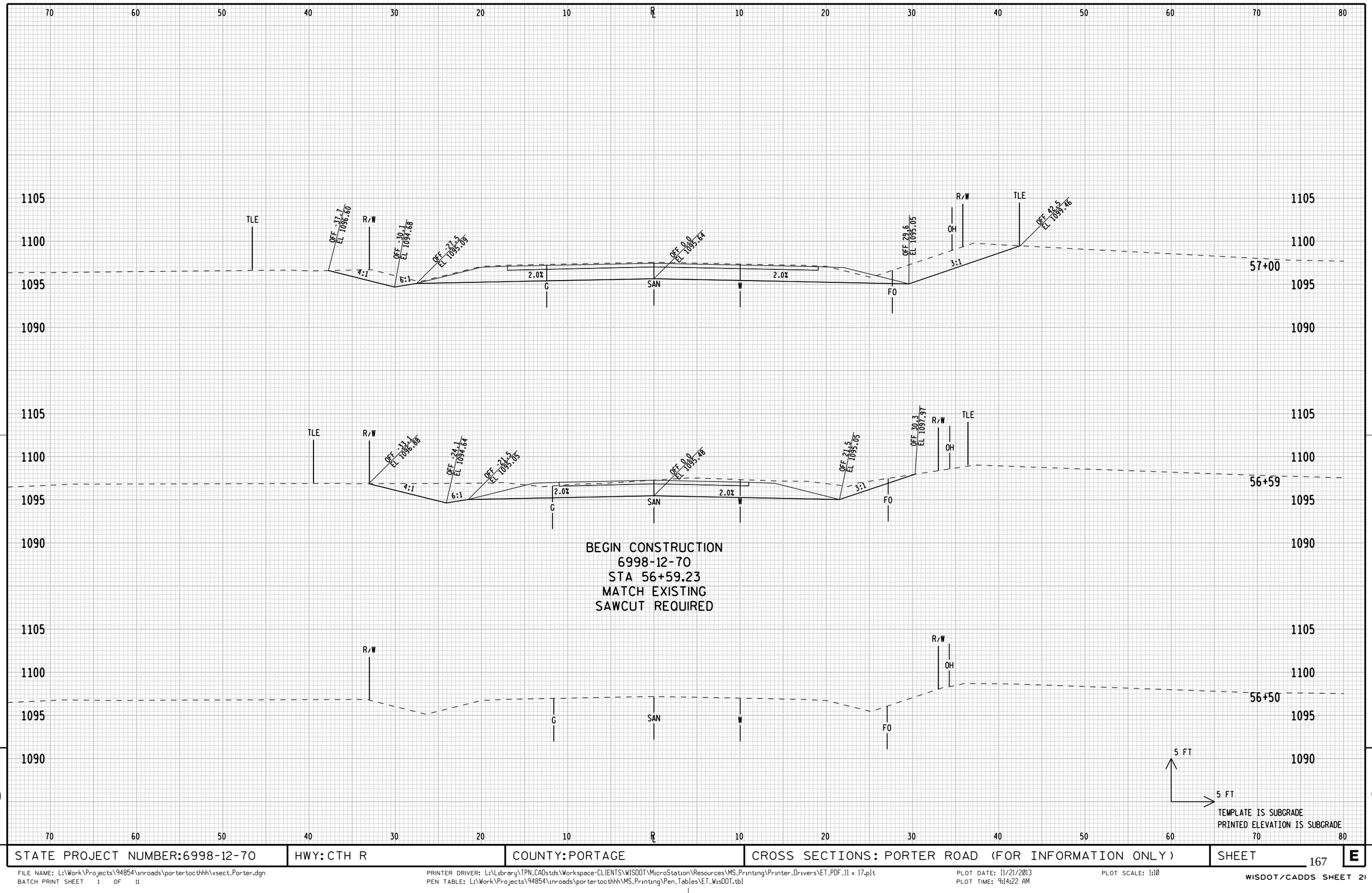
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: CTH R (FOR INFORMATION ONLY)	SHEET 166	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_R.dgn
BATCH PRINT SHEET 31 OF 31
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:34:34 AM
PLOT SCALE: 1:20
WISDOT/CADDS SHEET 21A



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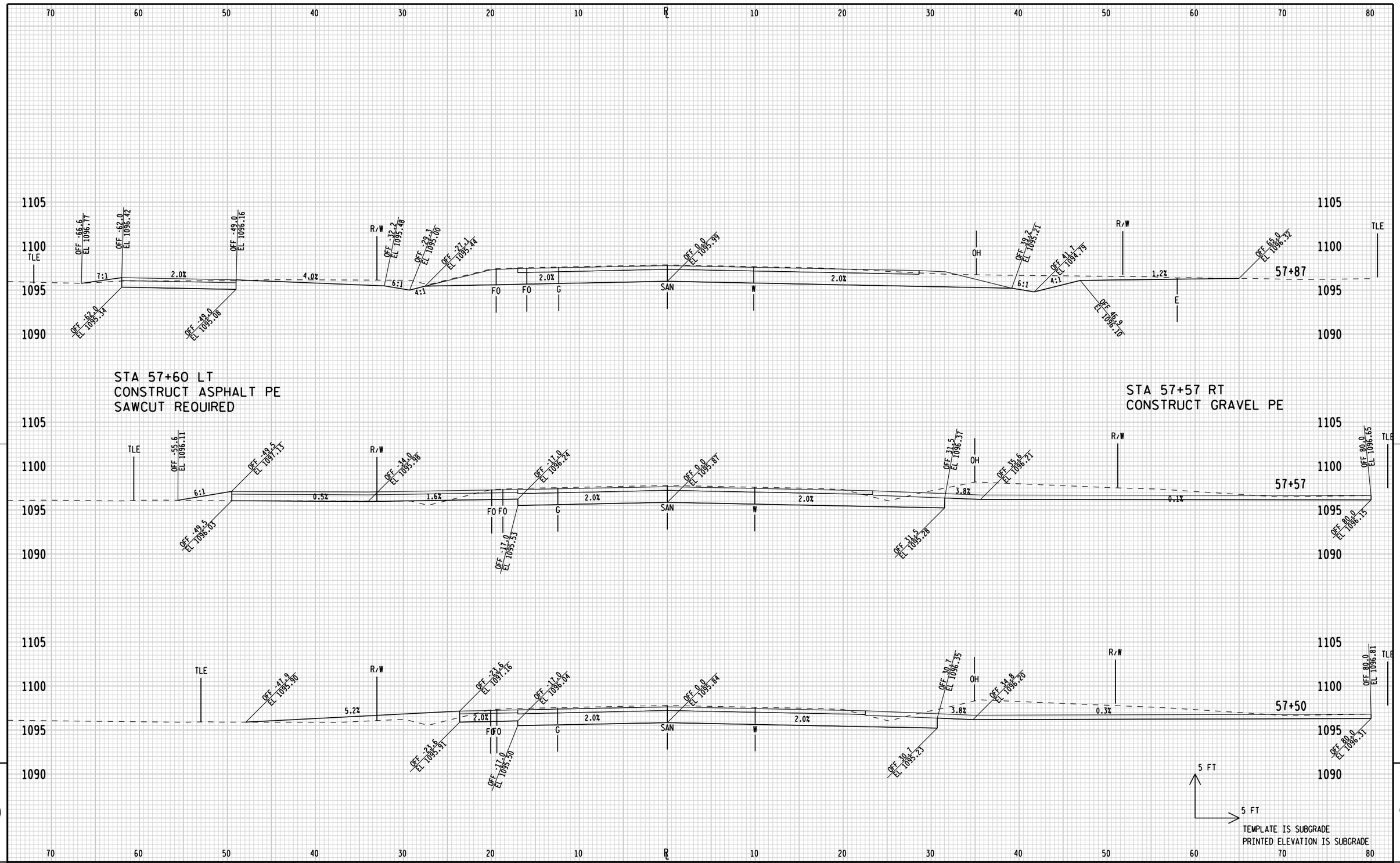
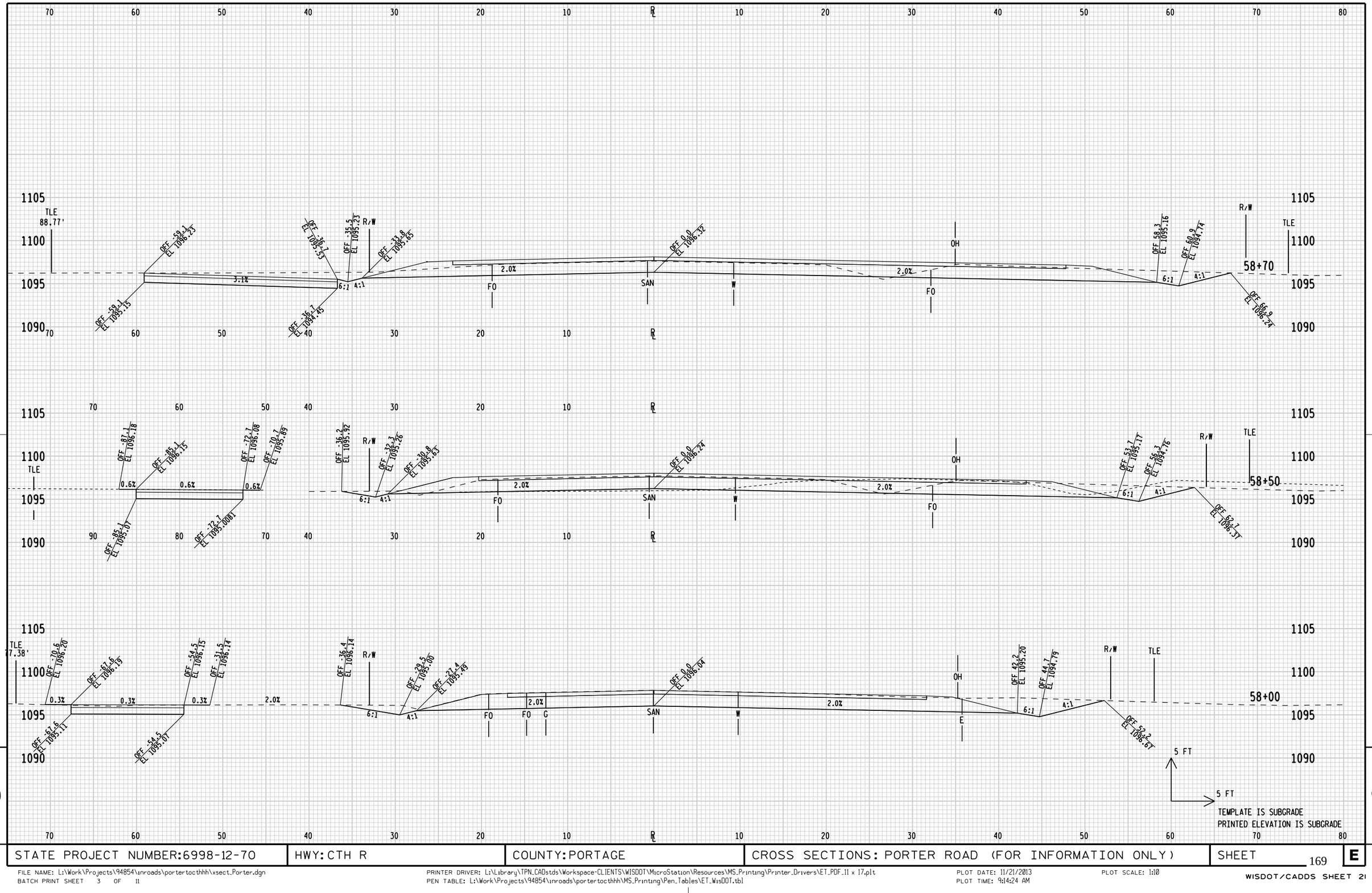
STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 167	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 1 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:22 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21



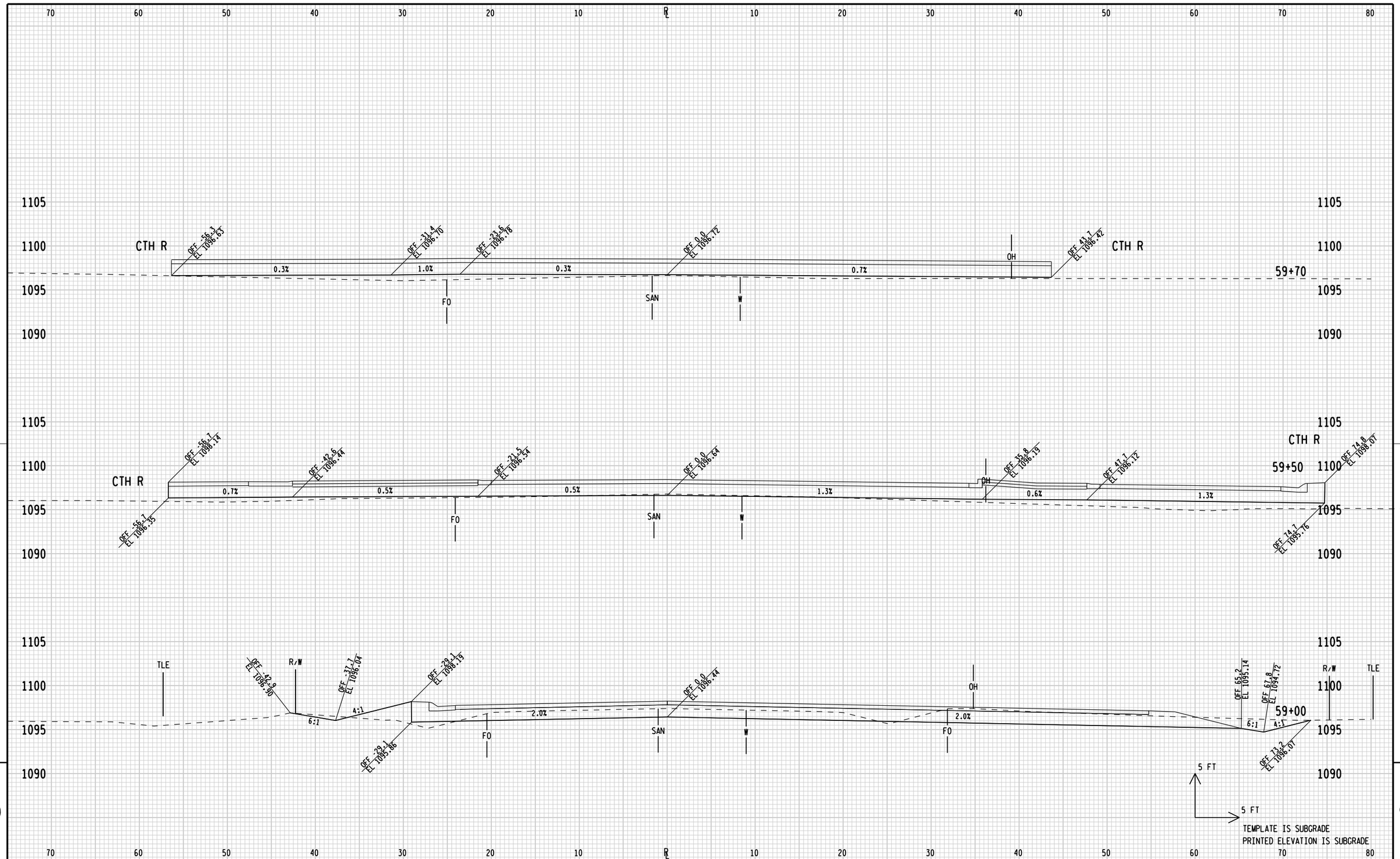
STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 2 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:23 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21



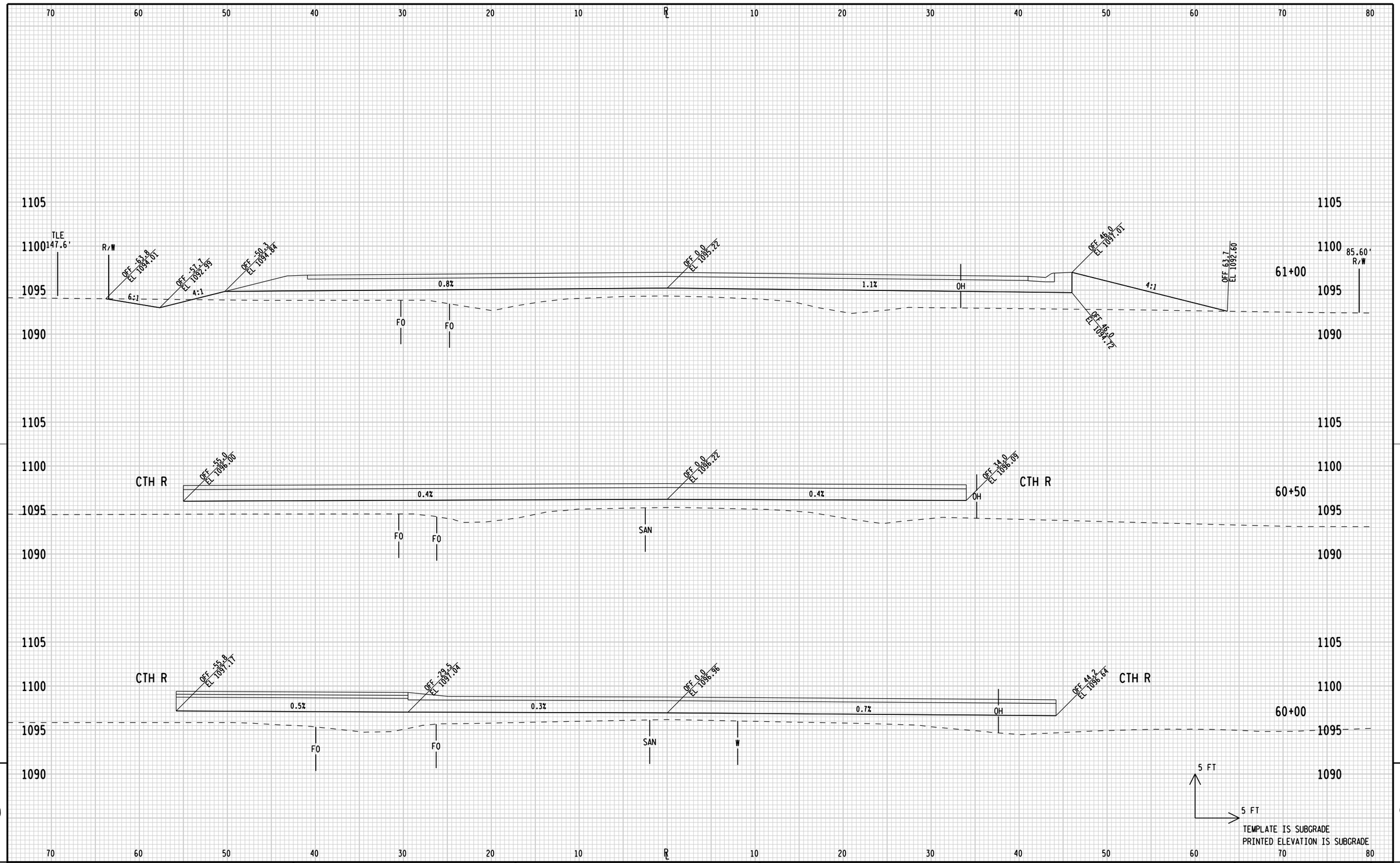
STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 169 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 3 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:24 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21



STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 170	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 4 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:25 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21



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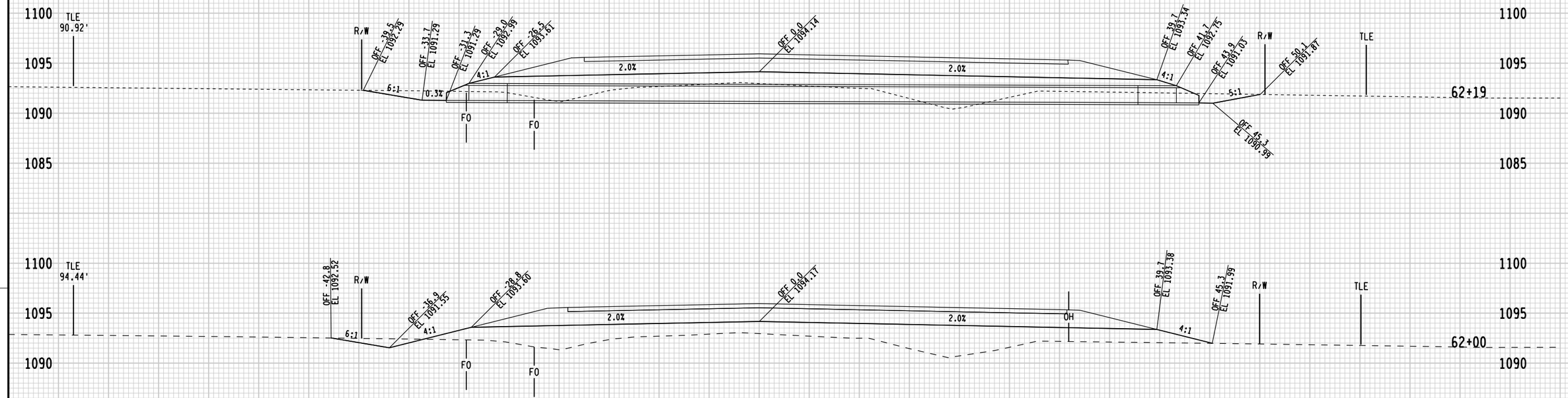
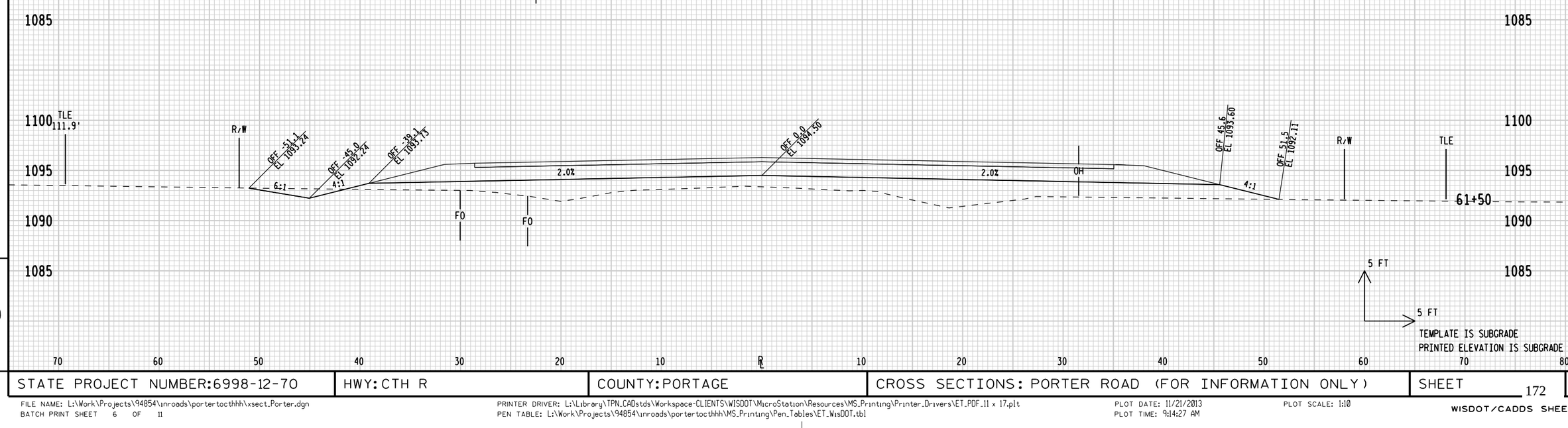
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 171	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 5 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:26 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21

STA 62+19
1-18" X 64'RCCP
W/ APRON ENDWALLS REQ'D
INV 1091.05 (N)
INV 1090.85 (S)



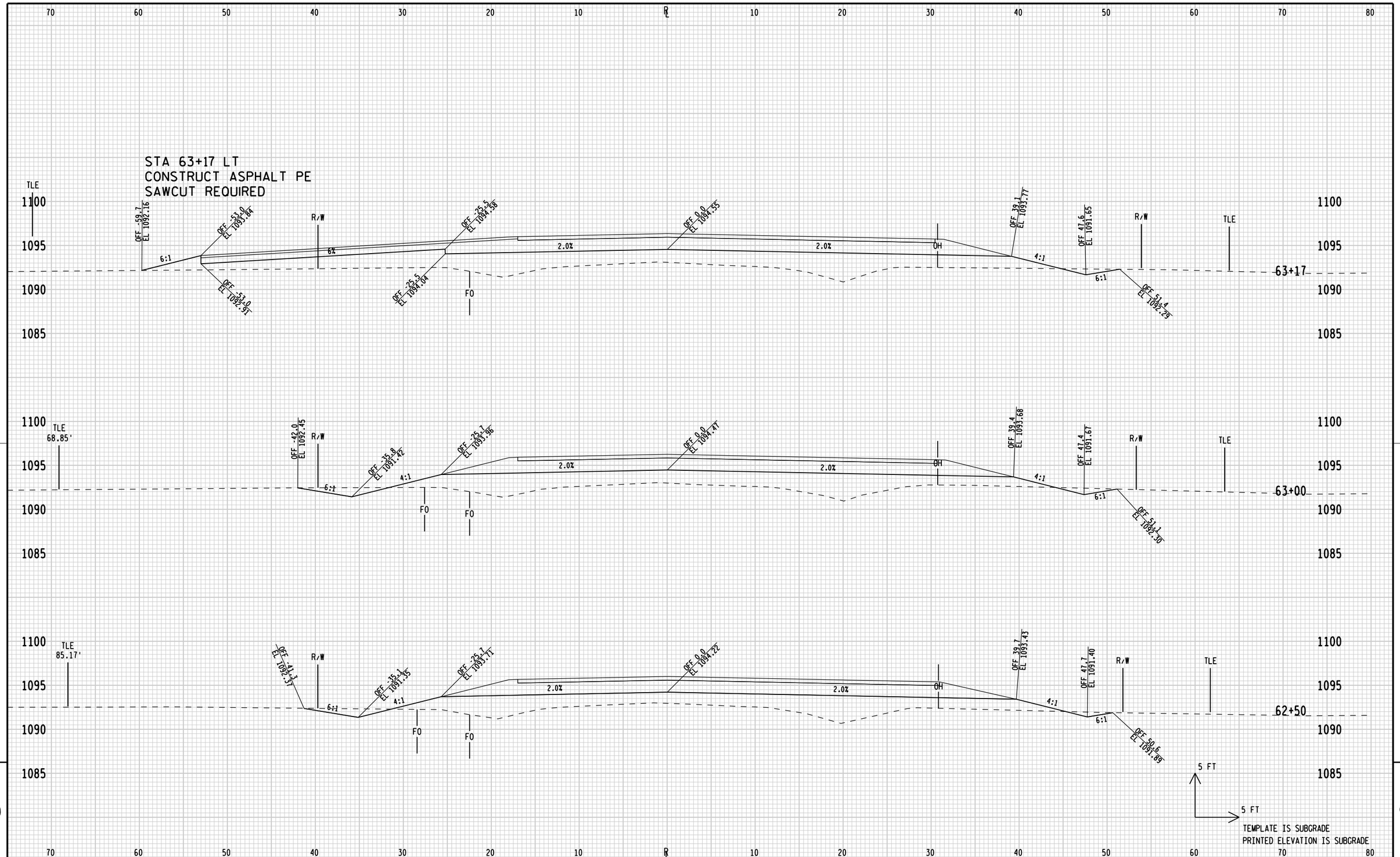


STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 172 E

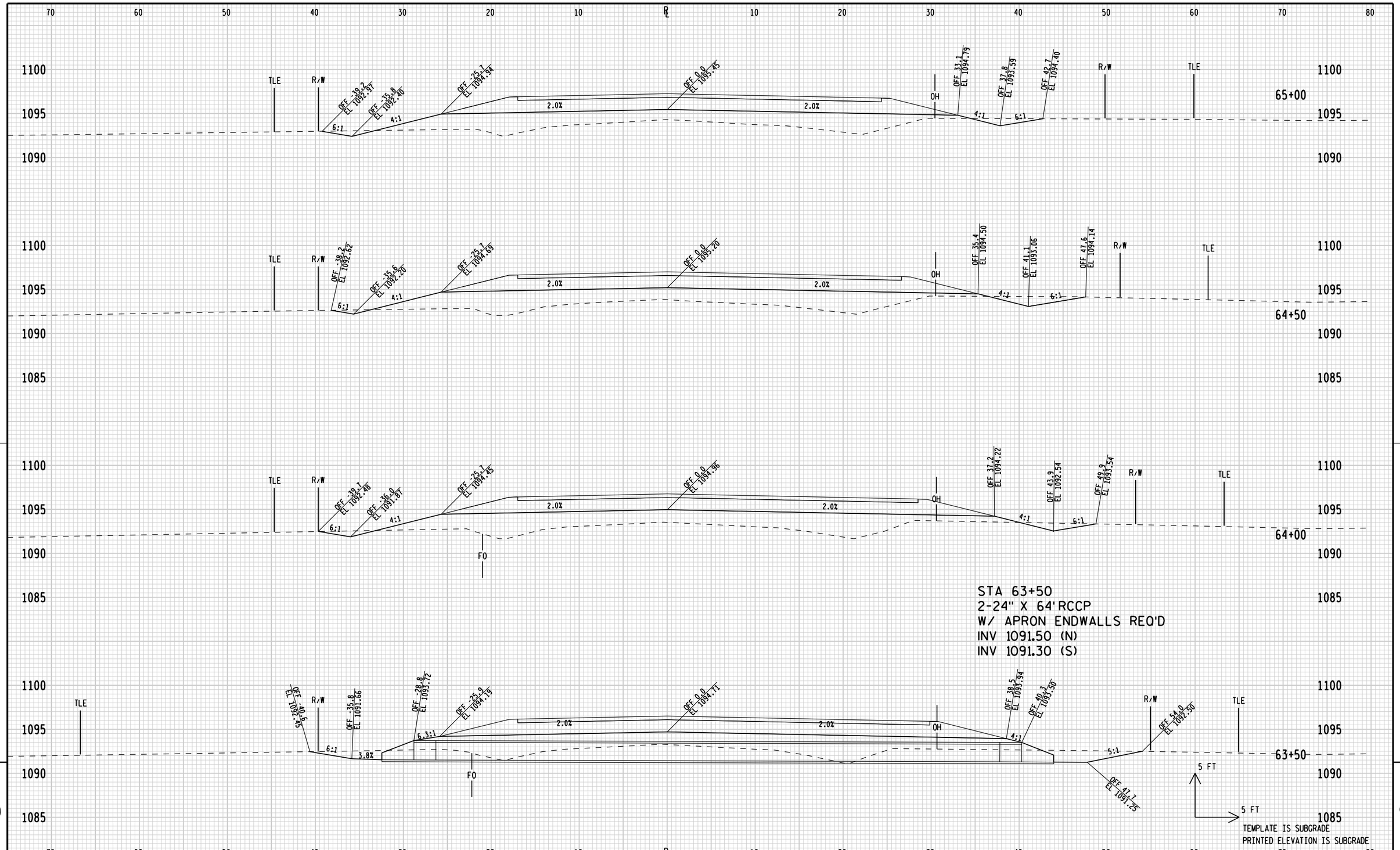
9

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 6 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:27 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21

STA 63+17 LT
CONSTRUCT ASPHALT PE
SAWCUT REQUIRED



STATE PROJECT NUMBER:6998-12-70	HWY: CTH R	COUNTY: PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 173 E



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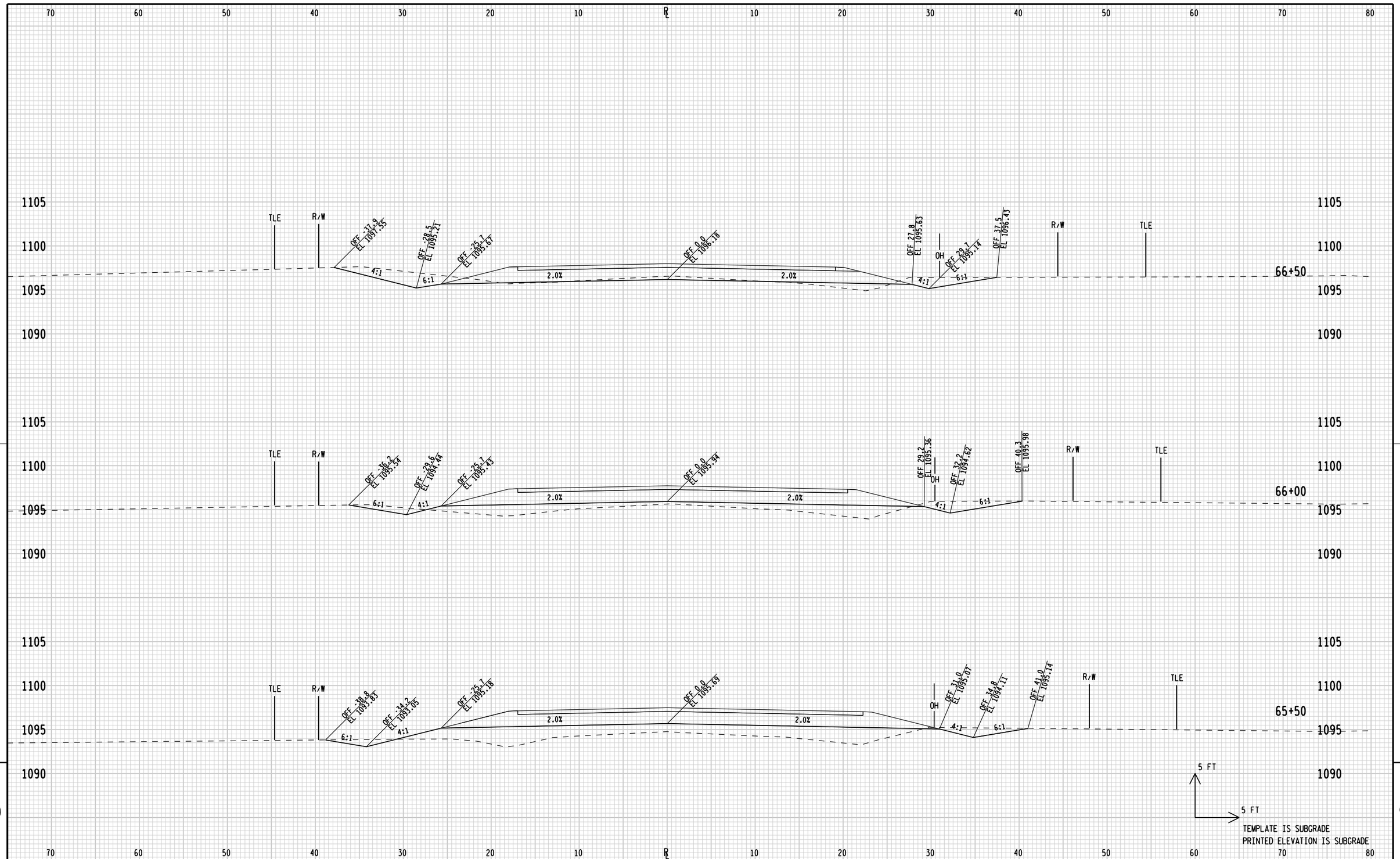
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 174 E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 8 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:29 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21



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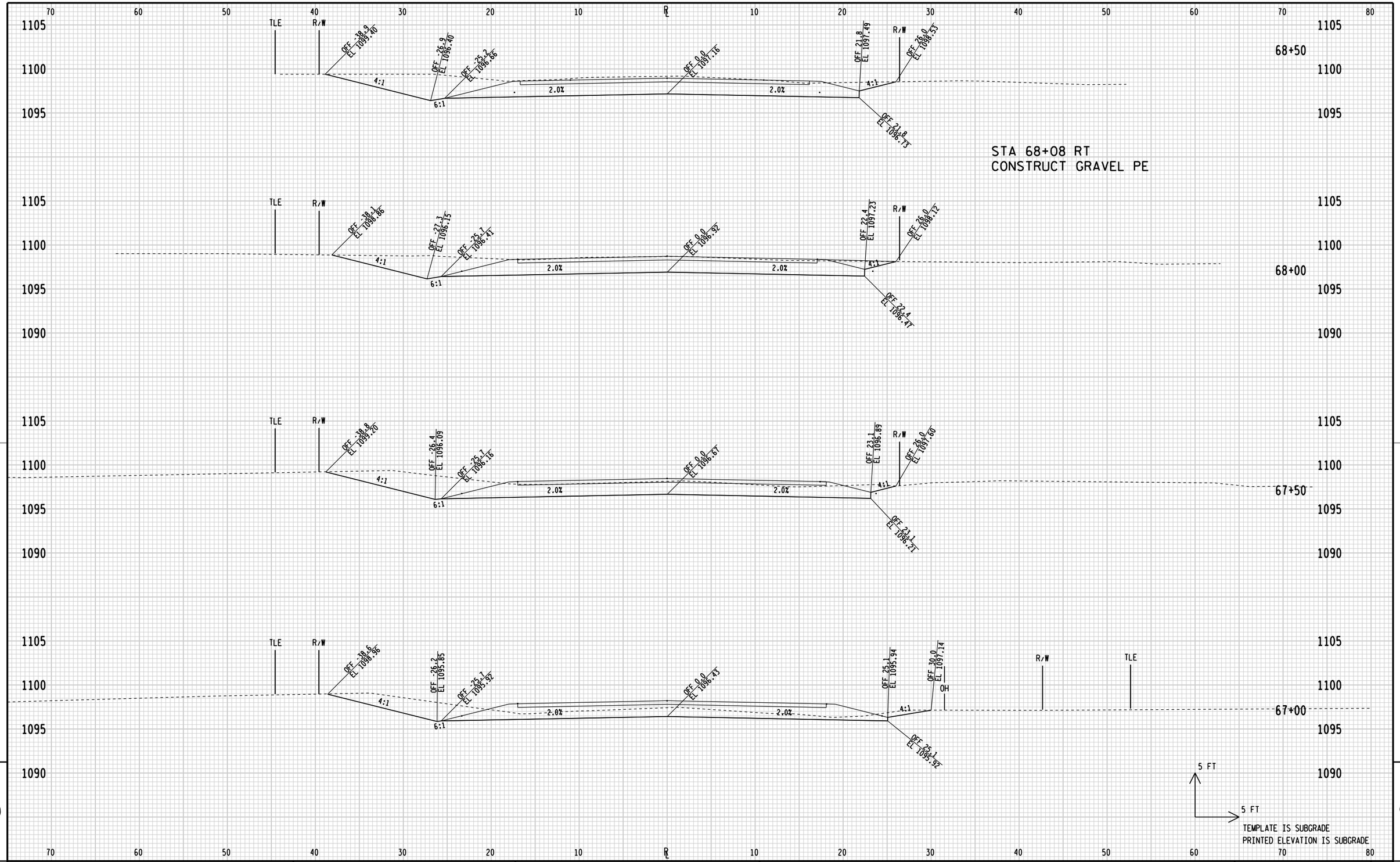
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 175	E

FILE NAME: L:\Work\Projects\94854\inroads\portertocthhh\xsect_Porter.dgn
BATCH PRINT SHEET 9 OF 11
PRINTER DRIVER: L:\Library\TPN_CADstds\Workspace-CLIENTS\WISDOT\MicroStation\Resources\MS_Printing\Printer_Drivers\ET_PDF_11 x 17.plt
PEN TABLE: L:\Work\Projects\94854\inroads\portertocthhh\MS_Printing\Pen_Tables\ET_WisDOT.tbl
PLOT DATE: 11/21/2013
PLOT TIME: 9:14:30 AM
PLOT SCALE: 1:10
WISDOT/CADDS SHEET 21



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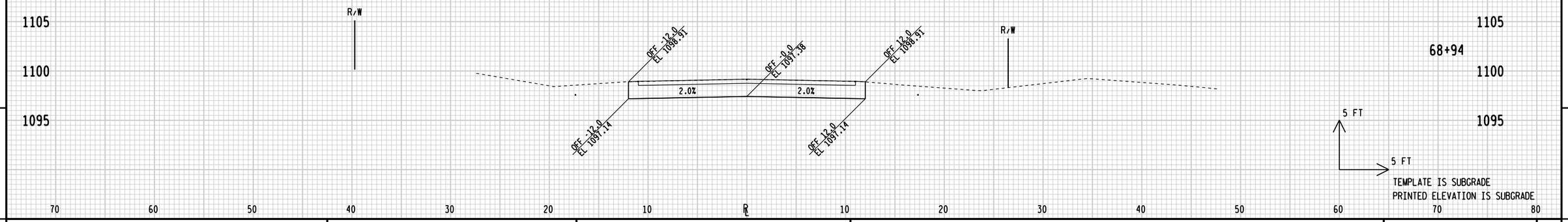
STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 176 E

END CONSTRUCTION
6998-12-70
STA 68+94.40
MATCH EXISTING
SAWCUT REQUIRED



STATE PROJECT NUMBER:6998-12-70	HWY:CTH R	COUNTY:PORTAGE	CROSS SECTIONS: PORTER ROAD (FOR INFORMATION ONLY)	SHEET 177	E

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
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