GRE

FEBRUARY 2025

PROJECT ID: 1130-67-71

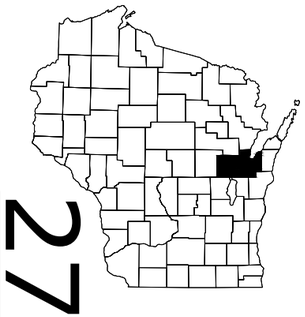
WITH: N/A

COUNTY: OUTAGAMIE/BROWN

ORDER OF SHEETS

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

TOTAL SHEETS = 422



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DESIGN DESIGNATION

			IH 41	CTH U
A.A.D.T.	2025	=	74,900	7,980
A.A.D.T.	2045	=	94,900	8,850
D.H.V.		=	9,670	900
D.D.		=	50/50	50/50
T.		=	12.9%	15.0%
DESIGN SPEED		=	65 MPH	55 MPH
ESALS		=	17,000,000	8,100,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

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

UTILITIES

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

APPLETON-DE PERE

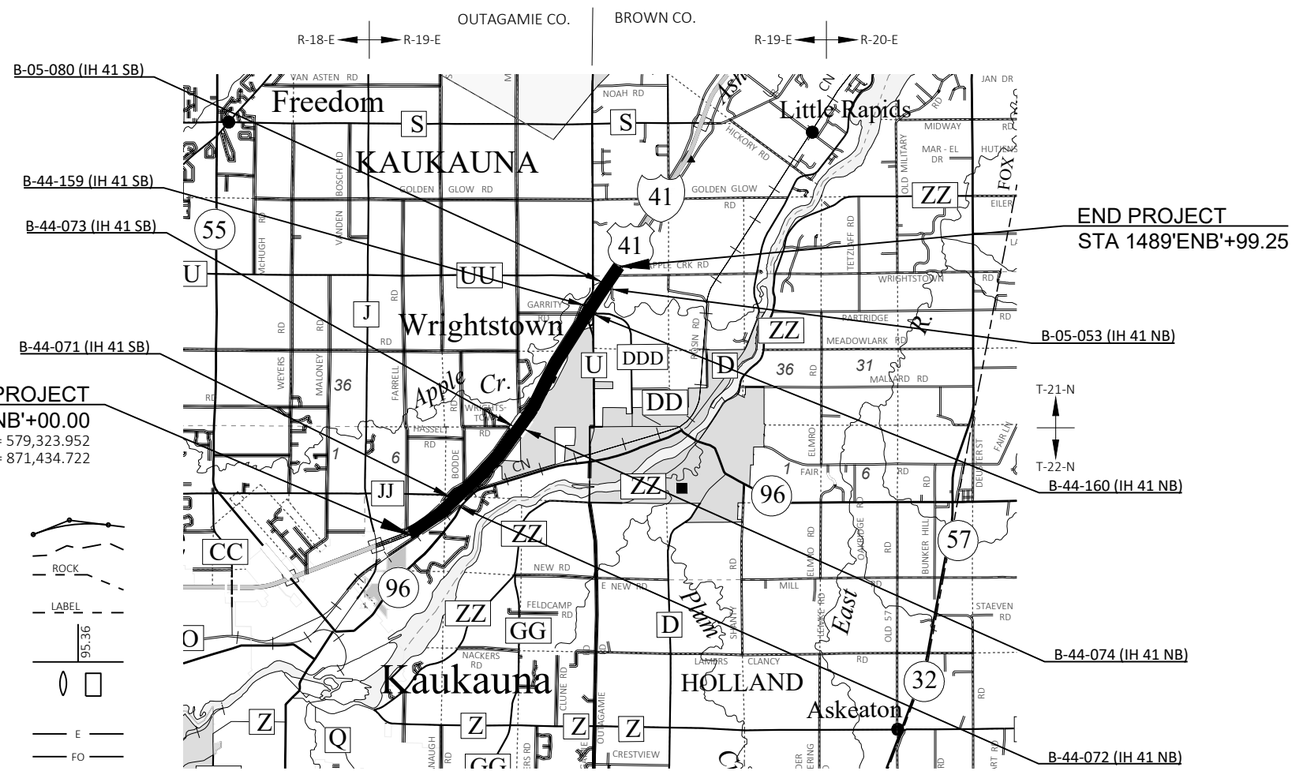
I-41 MNLN, CTH JJ - MINERS WAY TMP

IH 41

OUTAGAMIE/BROWN COUNTIES

STATE PROJECT NUMBER
1130-67-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1130-67-71	WISC 2025324	1



LAYOUT

SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 5.152 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), OUTAGAMIE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES. ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NER
Designer	NER
Project Manager	B. LEARST
Regional Examiner	NER
Regional Supervisor	K. PETERS

APPROVED FOR THE DEPARTMENT

DATE: 10/24/2024 (Signature)

E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\010101-TI.DWG

PLOT DATE : 10/24/2024 8:28 AM

PLOT BY : ANDY BLOCK

PLOT NAME :

2

GENERAL NOTES

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

ANY REINFORCEMENT LOCATED IN EXISTING CONCRETE PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE REMOVING PAVEMENT ITEM, AND NO ADDITIONAL COMPENSATION WILL BE GRANTED.

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

BROKEN CONCRETE CONTAINING RE-BAR SHALL NOT BE USED AS RIPRAP MEDIUM.

A SAWED JOINT IS REQUIRED WHERE NEW HMA PAVEMENT MEETS EXISTING HMA PAVEMENT.

FERTILIZER SHALL NOT BE USED WITHIN 20' OF NAVIGABLE WATERWAYS OR WETLANDS.

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

VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY THE ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.

THE EXACT LOCATION OF EXCAVATION BELOW SUBGRADE (EBS) WILL BE DETERMINED BY THE ENGINEER.

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

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

SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM TRAFFIC CONTROL COVERING SIGNS.

PROVIDE TEMPORARY POSITIVE DRAINAGE ON THE NEWLY INSTALLED STORM SEWER SYSTEM UNTIL IT IS ABLE TO EFFECTIVELY DRAIN TO ITS INTENDED OR PLANNED OUTFALL.

PLACE TOPSOIL TO A MINIMUM DEPTH OF 4-INCHES.

BEARINGS SHOWN ARE BASED ON THE COUNTY COORDINATE SYSTEM.

CURVE DATA IS BASED ON THE ARC DEFINITION.

EXISTING ENHANCED ROUTE MARKER SIGNS (D10-5) SHALL BE MAINTAINED DURING CONSTRUCTION AND AS DIRECTED BY THE ENGINEER.

EXISTING ENHANCED ROUTE MARKER SIGNS (D10-5) SHALL BE MAINTAINED DURING CONSTRUCTION AND AS DIRECTED BY THE ENGINEER.

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 = 331.09 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 54.934 ACRES

UTILITIES CONTACTS

ANR PIPELINE CO - GAS/PETROLEUM
TODD BRISTER
W3925 PIPELINE LANE
EDEN, WI 53019
PHONE: (920) 477-2235
TODD_BRISTER@TCENERGY.COM

AT&T WISCONSIN - COMMUNICATION LINE
KYLE WEBER
221 WEST WASHINGTON STREET
APPLETON, WI 54911
PHONE: (920) 221-5969
KW715W@ATT.COM

ATC MANAGEMENT INC - ELECTRICITY-TRANSMISSION LINE
CHRIS DAILEY
P.O. BOX 47
WAUKESHA, WI 53187
PHONE: (262) 506-6884
CDAILEY@ATCLLC.COM

KAUKAUNA UTILITIES - ELECTRICITY
ERIC MILLER
777 ISLAND STREET
KAUKAUNA, WI 54130-7077
PHONE: (920) 462-0214
EMILLER@KU-WI.ORG

LEVEL 3 COMMUNICATIONS LLC- COMMUNICATION LINE
RYAN BIRDSALL
3235 INTERTECH DRIVE, SUITE 600
BROOKFIELD, WI 53045
(608) 658-2899
RYAN.BIRDSALL@LUMEN.COM

SPECTRUM- COMMUNICATION LINE
MARK PETRAS
3545 PLANK ROAD
APPLETON, WI 54915
(920) 378-0379
MARK.PETRAS@CHARTER.COM

US SIGNAL COMPANY LLC - COMMUNICATION LINE
RYAN RANGER
201 IONIA AVENUE SW
GRAND RAPIDS, MI 49503
PHONE: (616) 233-5093
RRANGER@USSIGNAL.COM

VILLAGE OF WRIGHTSTOWN PUBLIC WORKS - WATER
ANDY VICKMAN
352 HIGH STREET
WRIGHTSTOWN, WI 54180
PHONE: (920) 532-0434
AVICKMAN@WRIGHTSTOWN.US

WE ENERGIES - GAS/PETROLEUM
JESUS VICTORIA
800 SOUTH LYNNDALE DRIVE
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(920) 470-3812
JESUS.VICTORIA@WE-ENERGIES.COM

WISCONSIN PUBLIC SERVICE CORPORATION - ELECTRICITY
STU SENECAL
2850 SOUTH ASHLAND AVENUE
GREEN BAY, WI 54304
(920) 680-7803
STUART.SENECAL@WISCONSINPUBLICSERVICE.COM

WISCONSIN PUBLIC SERVICE CORPORATION - GAS/PETROLEUM
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ADAM.LEY@WISCONSINPUBLICSERVICE.COM

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

WPS ENERGY SERVICES - WATER
BEN JOHNSON
310 EAST FRONTAGE ROAD
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(920) 676-9979
BENJAMIN.JOHNSON@WISCONSINPUBLICSERVICE.COM

BROWN COUNTY DNR LIAISON

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OUTAGAMIE COUNTY DNR LIAISON

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2984 SHAWANO AVE.
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OUTAGAMIE COUNTY HIGHWAY COMMISSIONER

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1313 HOLLAND RD
APPLETON, WI 54911-8946
920-832-5673
dean.steingraber@outagamie.org

BROWN COUNTY HIGHWAY COMMISSIONER

CHRIS HARDY
2198 GLENDALE AVE.
GREEN BAY, WI 54303
920-492-4925
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NE REGION SURVEY COORDINATOR

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GREEN BAY, WI 54304
(920)492-5638
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NE REGION DESIGN PROJECT MANAGER

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944 VANDERPERREN WAY
GREEN BAY WI 54304
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WISCONSIN DEPARTMENT OF TRANSPORTATION - COMMUNICATION LINE

JEFF MADSON
433 WEST ST. PAUL AVENUE
STE. 300
MILWAUKEE, WI 53203-3007
PHONE: (414) 225-3723
jeffrey.madson@dot.wi.gov

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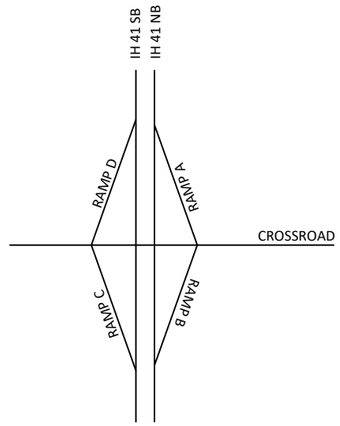
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	GENERAL NOTES	SHEET 2	E

STANDARD ABBREVIATIONS

AEW	APRON ENDWALL
AGG	AGGREGATE
BAD	BASE AGGREGATE DENSE
BM	BENCHMARK
C&G	CURB AND GUTTER
CD	CONSTRUCTION DETAIL
C/L	CENTER OF CONSTRUCTION LINE
CMCP	CULVERT PIPE CORRUGATED METAL
COS	CENTER OF STRUCTURE
CONC	CONCRETE
CP	CULVERT PIPE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC-YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
ERW	EXISTING RIGHT OF WAY
ETW	EDGE OF TRAVELED WAY
FE	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
INC	INVERT
L	LENGTH OF CURVE
LFH	LEFT HAND FORWARD
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
REQD	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RRSP	RAILROAD SPIKE
RS	RECONNECT STORM SEWER
RT	RIGHT
SALV	SALVAGED
SAPBC	SALVAGED ASPHALTIC PAVEMENT BASE COURSE
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWING
SE	SUPERELEVATION
SF	SQUARE FOOT
STA	STATION
STR	STRUCTURE
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE LENGTH
VPI	POINT OF VERTICAL INTERSECTION
VPT	POINT OF VERTICAL TANGENT

ALIGNMENT NAMING ABBREVIATIONS

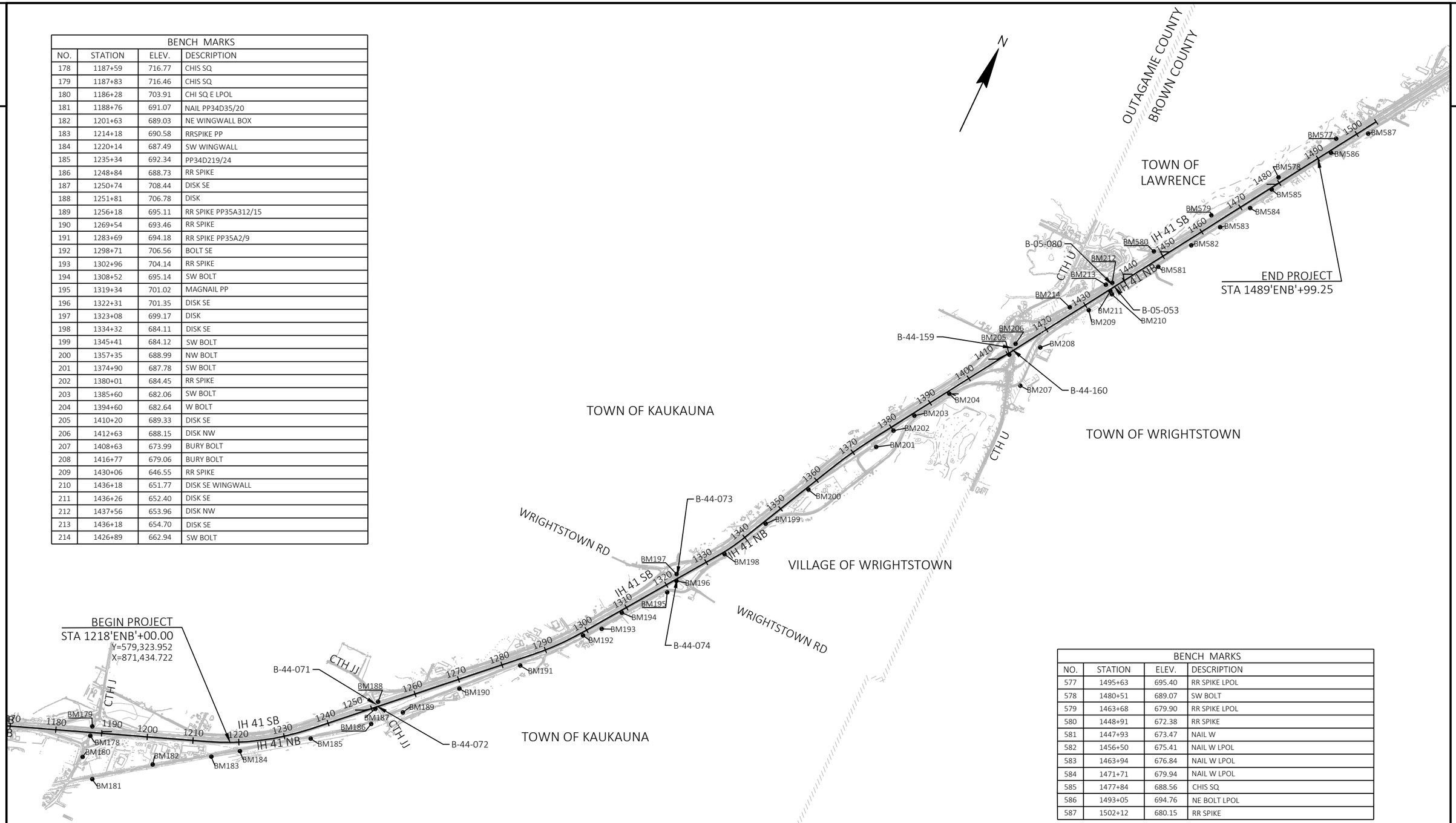
EXISTING IH 41 NB	'ENB'
EXISTING IH 41 SB	'ESB'
TEMPORARY CTH U NB	'UNBT'
TEMPORARY CTH U SB	'USBT'



ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
PLAN DETAILS
TEMPORARY EROSION CONTROL
EROSION CONTROL - PERMANENT
STORM SEWER PLAN
SIGNING & PAVEMENT MARKING
TRAFFIC CONTROL PLANS
DETOUR PLANS
ALIGNMENT PLAN

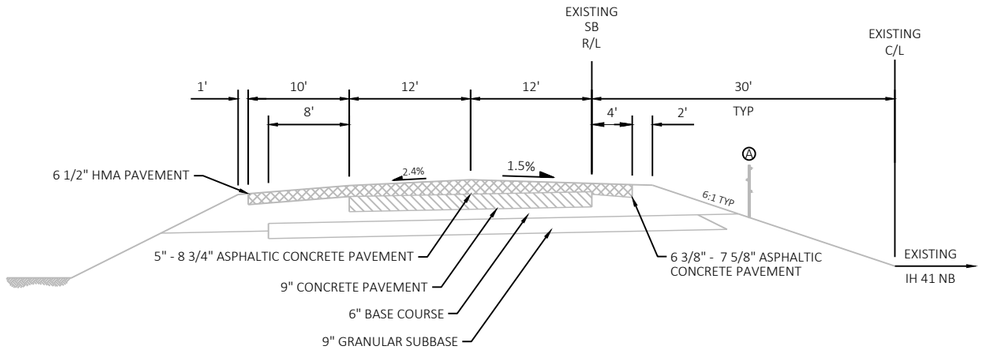
BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
178	1187+59	716.77	CHIS SQ
179	1187+83	716.46	CHIS SQ
180	1186+28	703.91	CHI SQ E LPOL
181	1188+76	691.07	NAIL PP34D35/20
182	1201+63	689.03	NE WINGWALL BOX
183	1214+18	690.58	RRSPIKE PP
184	1220+14	687.49	SW WINGWALL
185	1235+34	692.34	PP34D219/24
186	1248+84	688.73	RR SPIKE
187	1250+74	708.44	DISK SE
188	1251+81	706.78	DISK
189	1256+18	695.11	RR SPIKE PP35A312/15
190	1269+54	693.46	RR SPIKE
191	1283+69	694.18	RR SPIKE PP35A2/9
192	1298+71	706.56	BOLT SE
193	1302+96	704.14	RR SPIKE
194	1308+52	695.14	SW BOLT
195	1319+34	701.02	MAGNAIL PP
196	1322+31	701.35	DISK SE
197	1323+08	699.17	DISK
198	1334+32	684.11	DISK SE
199	1345+41	684.12	SW BOLT
200	1357+35	688.99	NW BOLT
201	1374+90	687.78	SW BOLT
202	1380+01	684.45	RR SPIKE
203	1385+60	682.06	SW BOLT
204	1394+60	682.64	W BOLT
205	1410+20	689.33	DISK SE
206	1412+63	688.15	DISK NW
207	1408+63	673.99	BURY BOLT
208	1416+77	679.06	BURY BOLT
209	1430+06	646.55	RR SPIKE
210	1436+18	651.77	DISK SE WINGWALL
211	1436+26	652.40	DISK SE
212	1437+56	653.96	DISK NW
213	1436+18	654.70	DISK SE
214	1426+89	662.94	SW BOLT



BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
577	1495+63	695.40	RR SPIKE LPOL
578	1480+51	689.07	SW BOLT
579	1463+68	679.90	RR SPIKE LPOL
580	1448+91	672.38	RR SPIKE
581	1447+93	673.47	NAIL W
582	1456+50	675.41	NAIL W LPOL
583	1463+94	676.84	NAIL W LPOL
584	1471+71	679.94	NAIL W LPOL
585	1477+84	688.56	CHIS SQ
586	1493+05	694.76	NE BOLT LPOL
587	1502+12	680.15	RR SPIKE

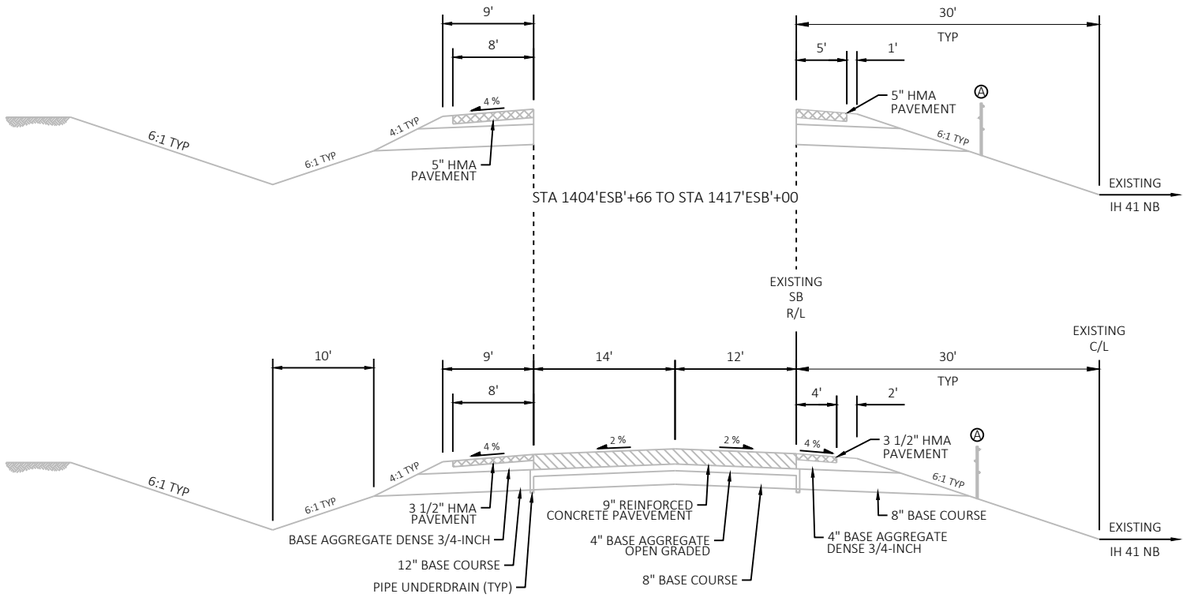
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PROJECT OVERVIEW	SHEET 4	E

Ⓐ CABLE GUARD SIDE/LOCATION VARIES.
SHOWN ONLY ON SB WITH THESE TYPICALS, HOWEVER,
EXISTING ALTERNATES BETWEEN SB & NB SIDE.



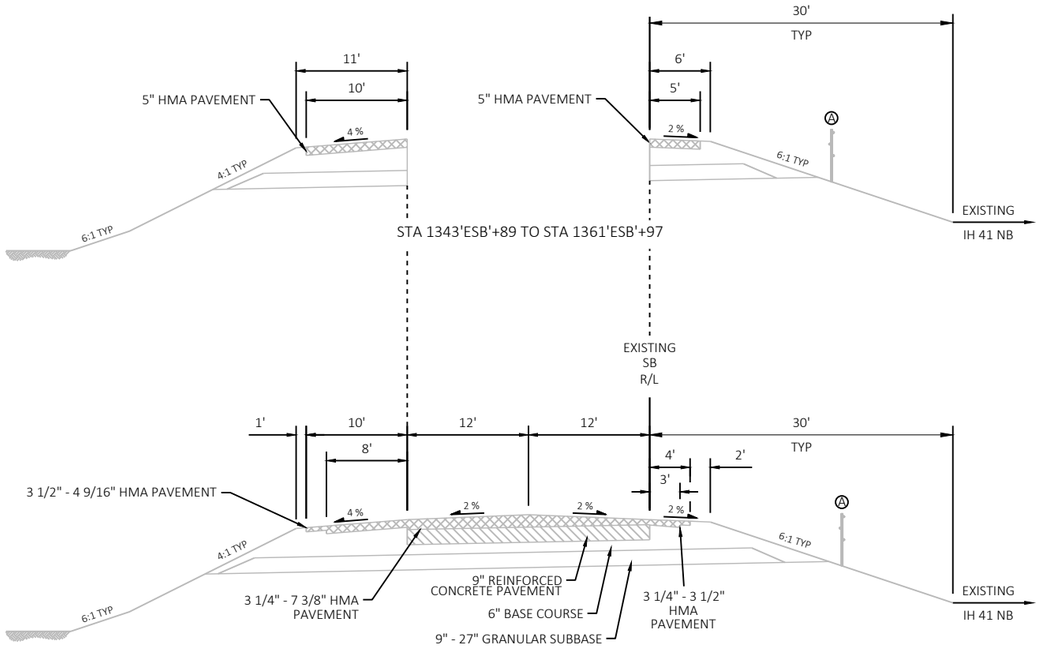
EXISTING TYPICAL SECTION IH 41 SB

STA 1217'ESB'+97 TO STA 1234'ESB'+70



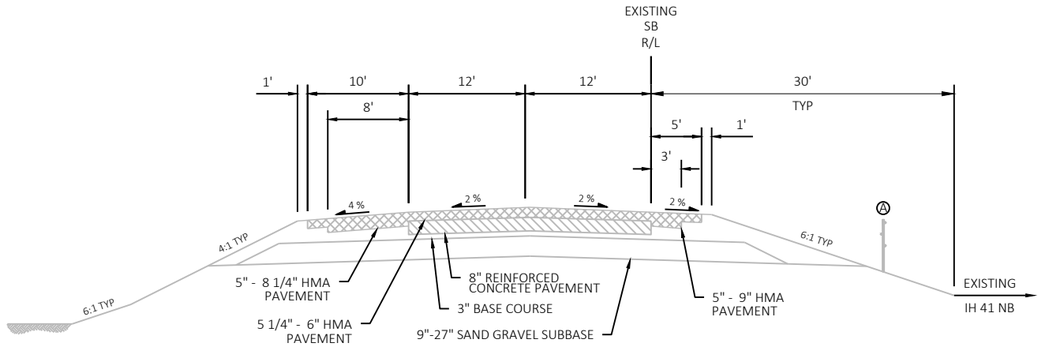
EXISTING TYPICAL SECTION IH 41 SB

STA 1234'ESB'+70 TO STA 1250'ESB'+39
STA 1251'ESB'+45 TO STA 1269'ESB'+90
STA 1314'ESB'+52 TO STA 1321'ESB'+48
STA 1322'ESB'+70 TO STA 1333'ESB'+93
STA 1404'ESB'+66 TO STA 1410'ESB'+59
STA 1412'ESB'+27 TO STA 1417'ESB'+00



EXISTING TYPICAL SECTION IH 41 SB

STA 1269'ESB'+90 TO STA 1314'ESB'+52
STA 1333'ESB'+93 TO STA 1361'ESB'+97
STA 1383'ESB'+50 TO STA 1404'ESB'+66
STA 1417'ESB'+00 TO STA 1435'ESB'+87
STA 1437'ESB'+12 TO STA 1489'ESB'+61

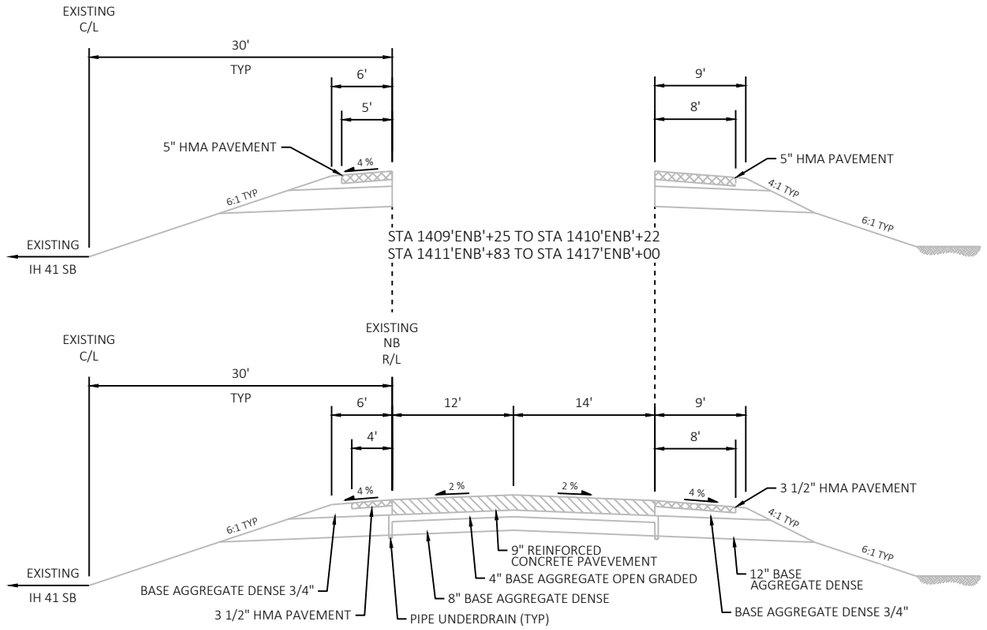


EXISTING TYPICAL SECTION IH 41 SB

STA 1361'ESB'+97 TO STA 1383'ESB'+50

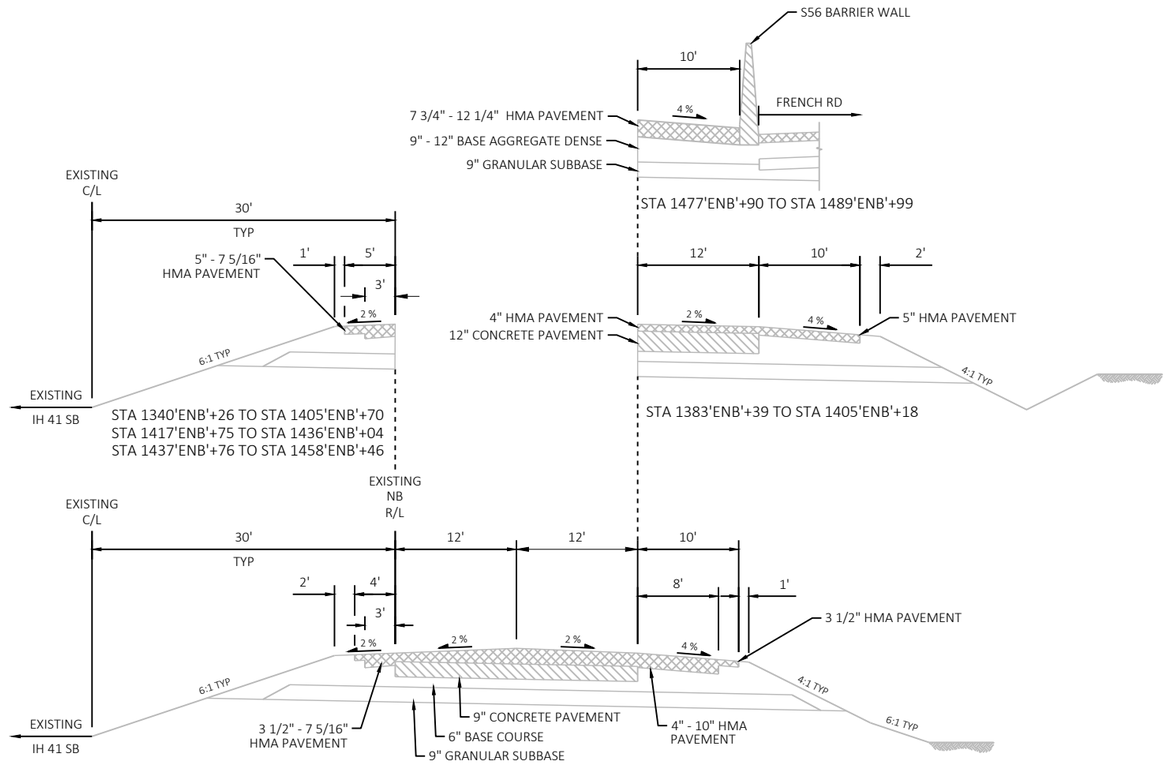
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TYPICAL SECTIONS	SHEET 5	E

NOTE: CABLE GUARD IS SHOWN ONLY ON SB WITH THESE TYPICALS, HOWEVER, EXISTING ALTERNATES BETWEEN SB & NB SIDE.



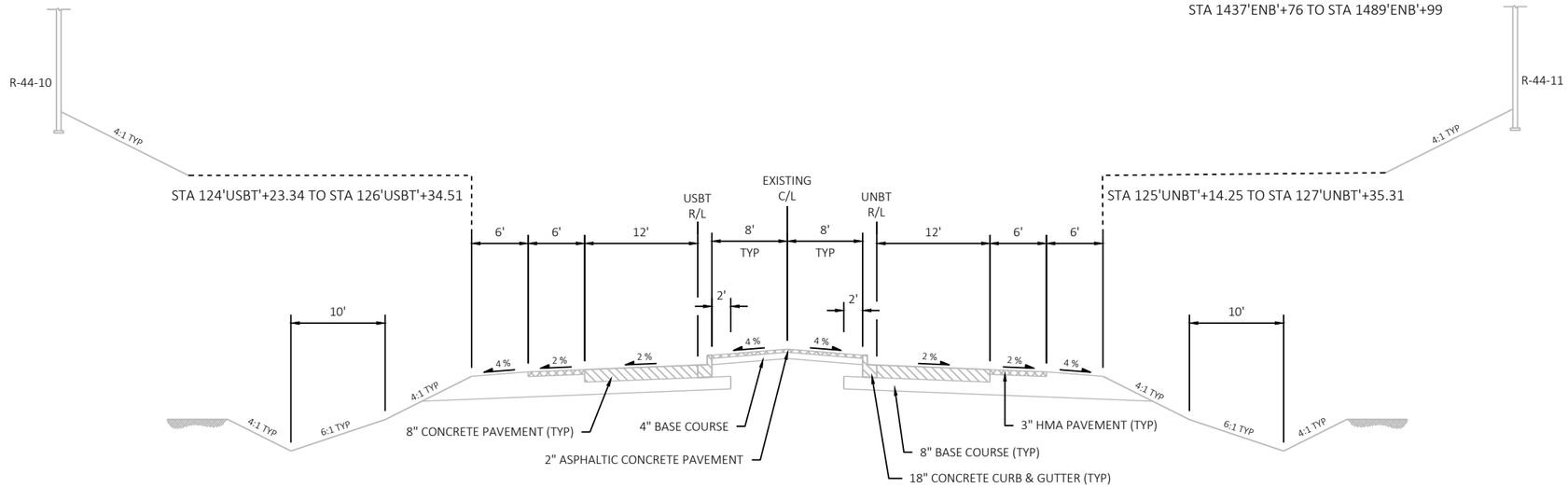
EXISTING TYPICAL SECTION IH 41 NB

STA 1218'ENB'+00 TO STA 1250'ENB'+85
STA 1251'ENB'+92 TO STA 1322'ENB'+33
STA 1323'ENB'+56 TO STA 1334'ENB'+65
STA 1405'ENB'+18 TO STA 1410'ENB'+22
STA 1411'ENB'+83 TO STA 1417'ENB'+75



EXISTING TYPICAL SECTION IH 41 NB

STA 1334'ENB'+65 TO STA 1405'ENB'+18
STA 1417'ENB'+75 TO STA 1436'ENB'+04
STA 1437'ENB'+76 TO STA 1489'ENB'+99



EXISTING TYPICAL SECTION CTH U

STA 122'UNBT'+75.54 TO STA 129'UNBT'+00.00
STA 122'USBT'+99.39 TO STA 128'USBT'+15.34

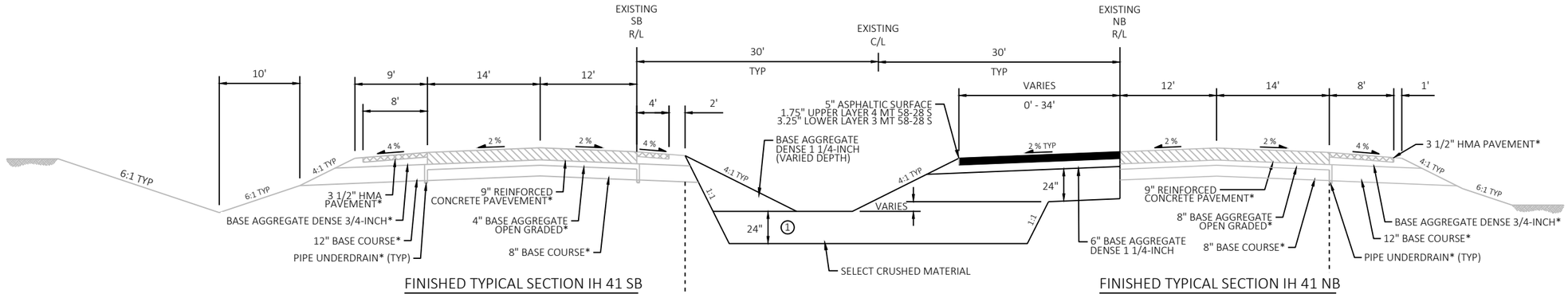
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TYPICAL SECTIONS	SHEET 6	E

2

① SEE CONSTRUCTION DETAIL FOR MORE INFO ON MEDIAN EBS

② SALVAGED TOPSOIL, EROSION MAT CLASS I TYPE A, FERTILIZER TYPE B, AND SEEDING MIX NO. 30

* TO REMAIN IN PLACE

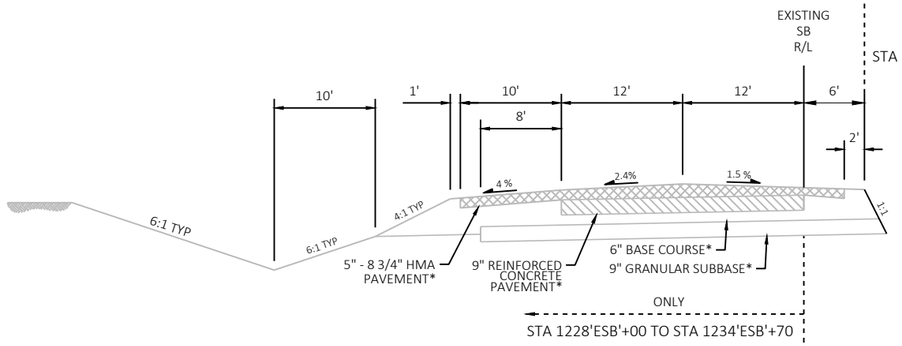


FINISHED TYPICAL SECTION IH 41 SB
SOUTHERN MEDIAN CROSSOVER & MEDIAN EBS

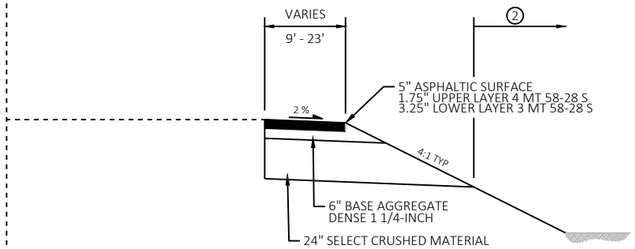
STA 1224'ESB'+83 TO STA 1228'ESB'+00
STA 1244'ESB'+50 TO STA 1245'ESB'+76

FINISHED TYPICAL SECTION IH 41 NB
SOUTHERN MEDIAN CROSSOVER & MEDIAN EBS

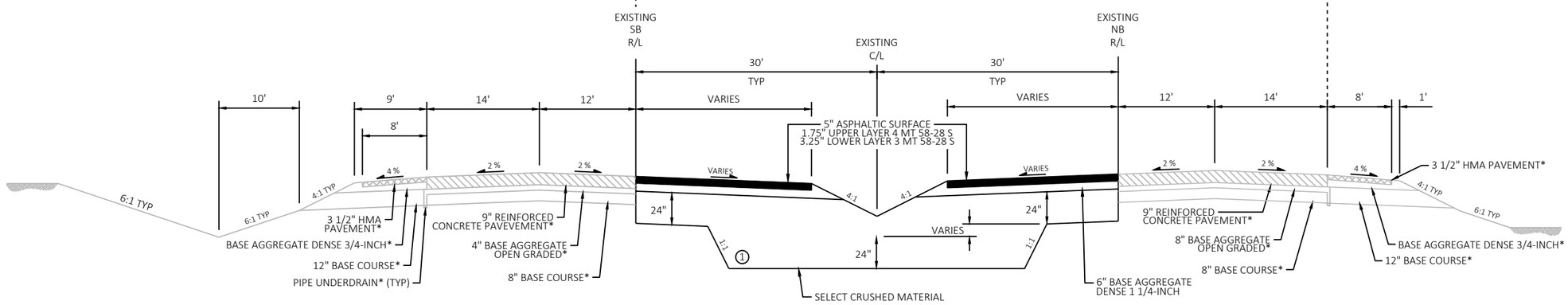
STA 1224'ENB'+95 TO STA 1228'ENB'+16
STA 1244'ENB'+74 TO STA 1246'ENB'+00



STA 1224'ESB'+83 TO STA 1228'ESB'+00



STA 1234'ENB'+75 TO STA 1235'ENB'+79
STA 1242'ENB'+01 TO STA 1246'ENB'+00



FINISHED TYPICAL SECTION IH 41 SB
SOUTHERN MEDIAN CROSSOVER & MEDIAN EBS

STA 1228'ESB'+00 TO STA 1235'ESB'+34
STA 1241'ESB'+77 TO STA 1244'ESB'+50

FINISHED TYPICAL SECTION IH 41 NB
SOUTHERN MEDIAN CROSSOVER & MEDIAN EBS

STA 1228'ENB'+16 TO STA 1235'ENB'+57
STA 1242'ENB'+01 TO STA 1244'ENB'+74

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TYPICAL SECTIONS	SHEET 7	E

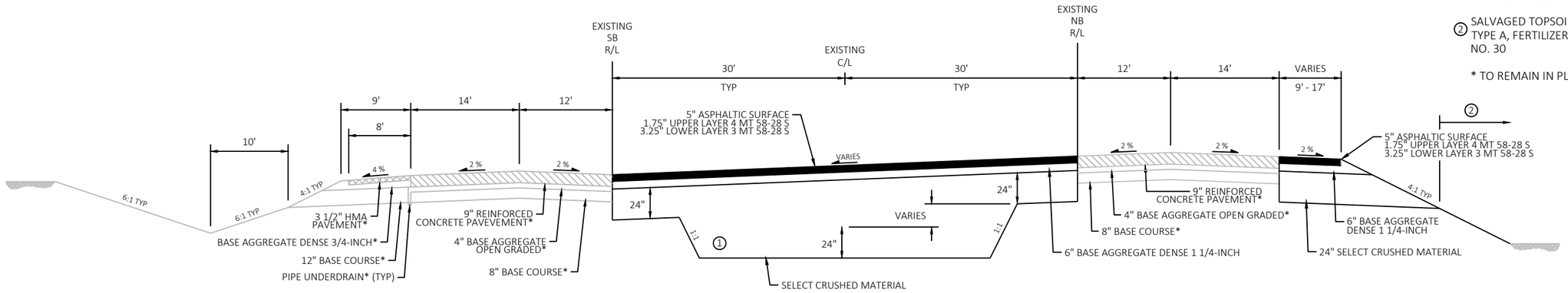
FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\020401-FIN-TS.DWG
LAYOUT NAME - 020401-ts
PLOT DATE : 12/18/2024 9:53 AM
PLOT BY : ANDY BLOCK
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

① SEE CONSTRUCTION DETAIL FOR MORE INFO ON MEDIAN EBS

② SALVAGED TOPSOIL, EROSION MAT CLASS I TYPE A, FERTILIZER TYPE B, AND SEEDING MIX NO. 30

* TO REMAIN IN PLACE

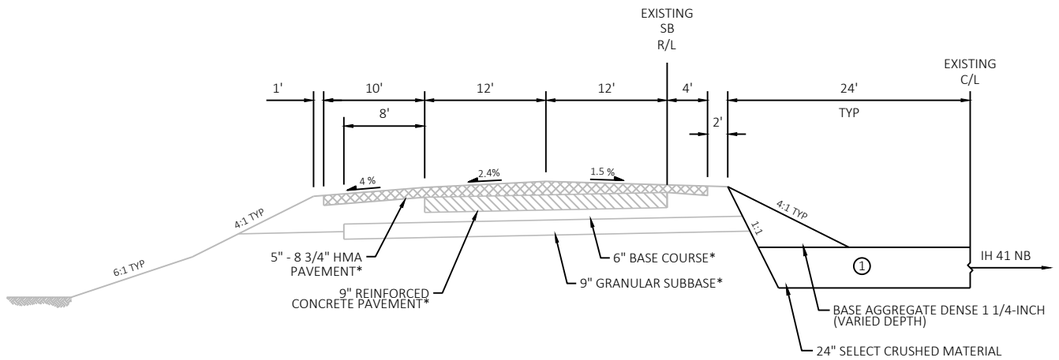


FINISHED TYPICAL SECTION IH 41 SB
SOUTHERN MEDIAN CROSSOVER

STA 1235'ESB'+34 TO STA 1241'ESB'+77

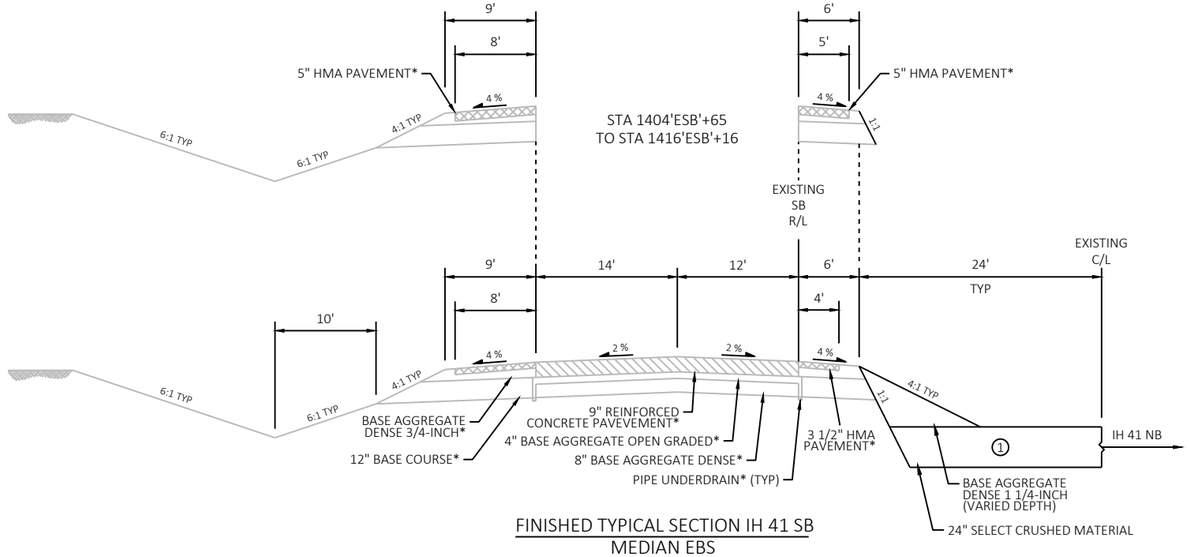
FINISHED TYPICAL SECTION IH 41 NB
SOUTHERN MEDIAN CROSSOVER

STA 1235'ENB'+57 TO STA 1242'ENB'+01



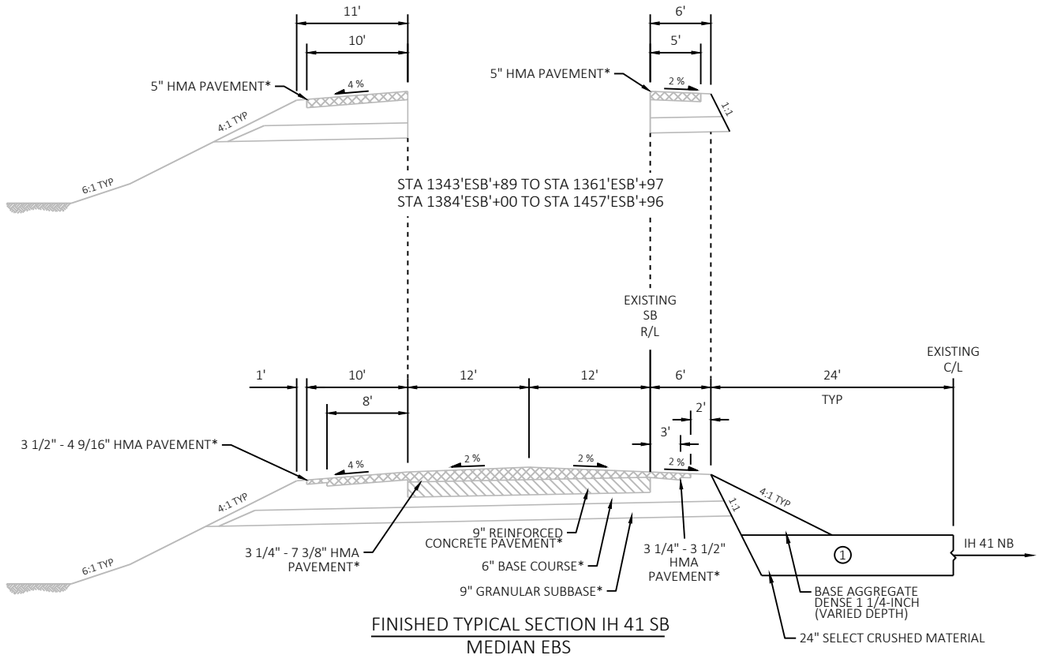
FINISHED TYPICAL SECTION IH 41 SB
MEDIAN EBS

STA 1217'ESB'+97 TO STA 1224'ESB'+83



FINISHED TYPICAL SECTION IH 41 SB
MEDIAN EBS

STA 1245'ESB'+76 TO STA 1250'ESB'+39
STA 1251'ESB'+45 TO STA 1269'ESB'+89
STA 1314'ESB'+51 TO STA 1321'ESB'+48
STA 1322'ESB'+70 TO STA 1333'ESB'+92
STA 1404'ESB'+65 TO STA 1410'ESB'+59
STA 1412'ESB'+27 TO STA 1416'ESB'+16



FINISHED TYPICAL SECTION IH 41 SB
MEDIAN EBS

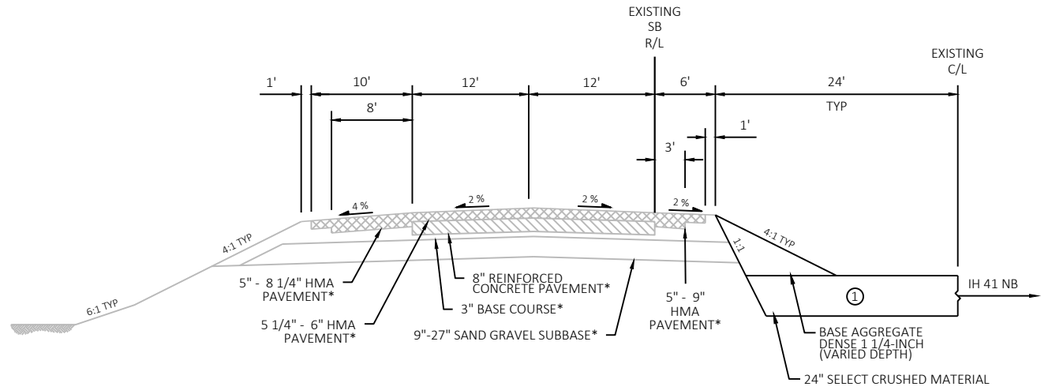
STA 1269'ESB'+89 TO STA 1314'ESB'+51
STA 1333'ESB'+92 TO STA 1361'ESB'+97
STA 1383'ESB'+50 TO STA 1404'ESB'+65
STA 1416'ESB'+16 TO STA 1435'ESB'+87
STA 1437'ESB'+12 TO STA 1469'ESB'+63

1 SEE CONSTRUCTION DETAIL FOR MORE INFO ON MEDIAN EBS

2 SALVAGED TOPSOIL, EROSION MAT CLASS I TYPE A, FERTILIZER TYPE B, AND SEEDING MIX NO. 30

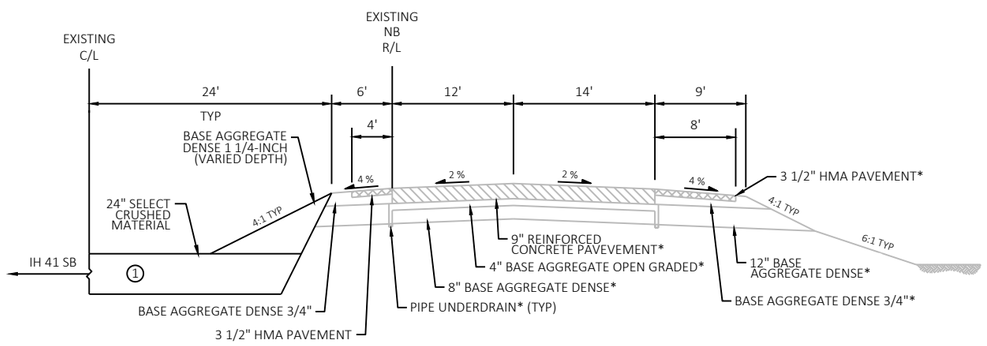
3 TEMPORARY CONCRETE BARRIER LEFT IN PLACE FOR PROJECT 1130-67-72. SEE MISCELLANEOUS QUANTITIES FOR EXACT LOCATIONS.

* TO REMAIN IN PLACE



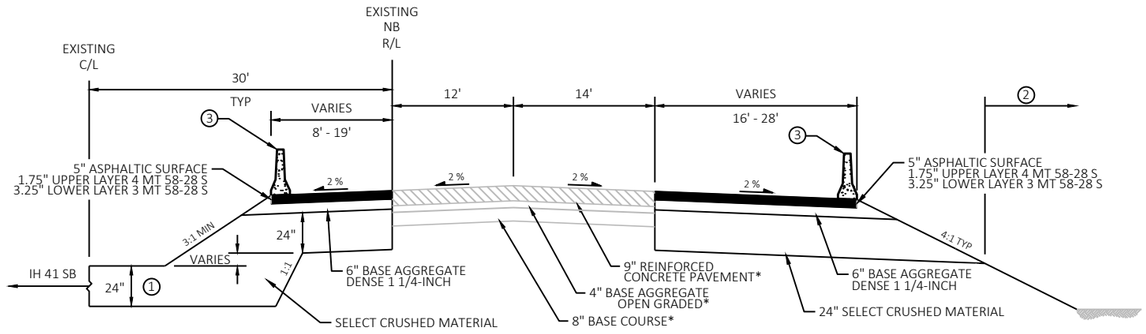
FINISHED TYPICAL SECTION IH 41 SB
MEDIAN EBS

STA 1361'ESB'+97 TO STA 1383'ESB'+50



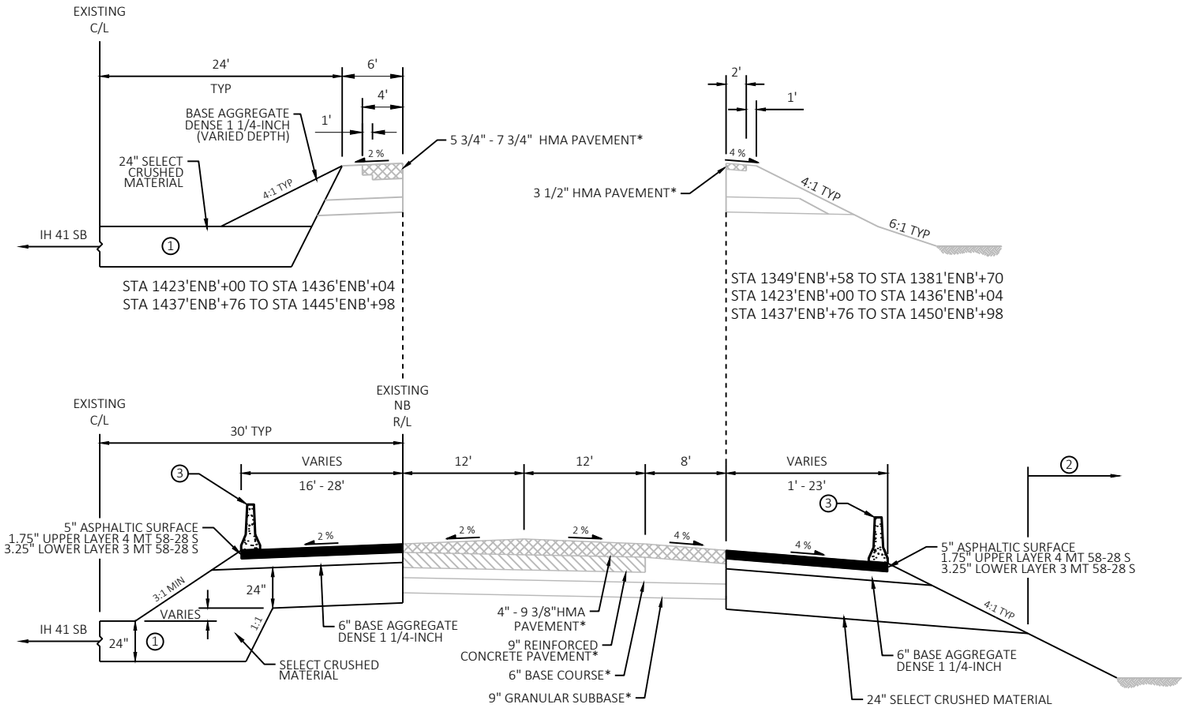
FINISHED TYPICAL SECTION IH 41 NB
MEDIAN EBS

STA 1218'ENB'+00 TO STA 1224'ENB'+95



FINISHED TYPICAL SECTION IH 41 NB
MAINLINE WIDENING & MEDIAN EBS

STA 1246'ENB'+00 TO STA 1250'ENB'+85
STA 1251'ENB'+92 TO STA 1322'ENB'+33
STA 1323'ENB'+56 TO STA 1334'ENB'+65
STA 1405'ENB'+18 TO STA 1410'ENB'+22
STA 1411'ENB'+83 TO STA 1417'ENB'+00

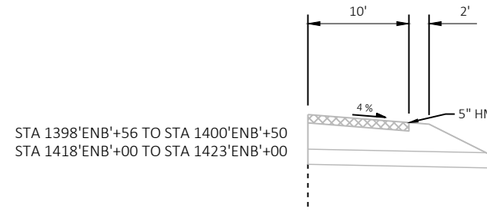


FINISHED TYPICAL SECTION IH 41 NB
MAINLINE WIDENING & MEDIAN EBS

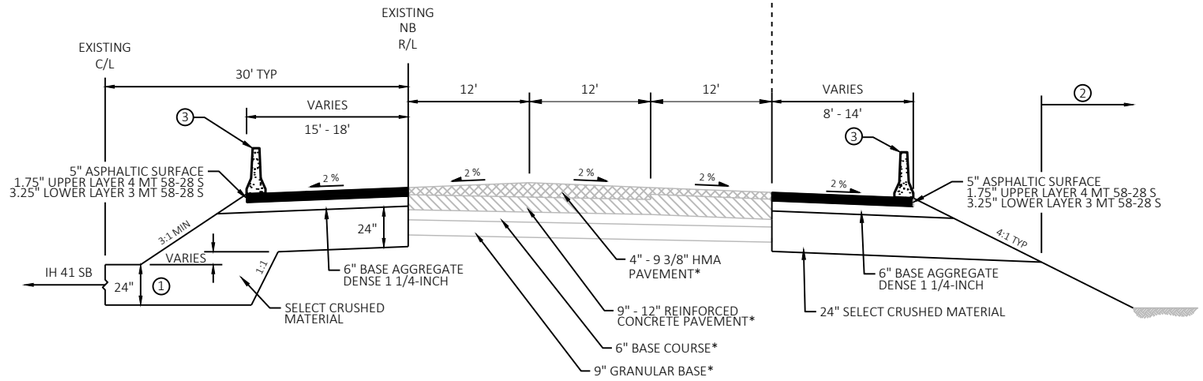
STA 1334'ENB'+65 TO STA 1381'ENB'+70
STA 1423'ENB'+00 TO STA 1436'ENB'+04
STA 1437'ENB'+76 TO STA 1470'ENB'+51

1. SEE CONSTRUCTION DETAIL FOR MORE INFO ON MEDIAN EBS
2. SALVAGED TOPSOIL, EROSION MAT CLASS I TYPE A, FERTILIZER TYPE B, AND SEEDING MIX NO. 30
3. TEMPORARY CONCRETE BARRIER LEFT IN PLACE FOR PROJECT 1130-67-72. SEE MISCELLANEOUS QUANTITIES FOR EXACT LOCATIONS.

* TO REMAIN IN PLACE



STA 1398'ENB'+56 TO STA 1400'ENB'+50
STA 1418'ENB'+00 TO STA 1423'ENB'+00



FINISHED TYPICAL SECTION IH 41 NB
MAINLINE WIDENING & MEDIAN EBS

STA 1381'ENB'+70 TO STA 1405'ENB'+18
STA 1417'ENB'+00 TO STA 1423'ENB'+00

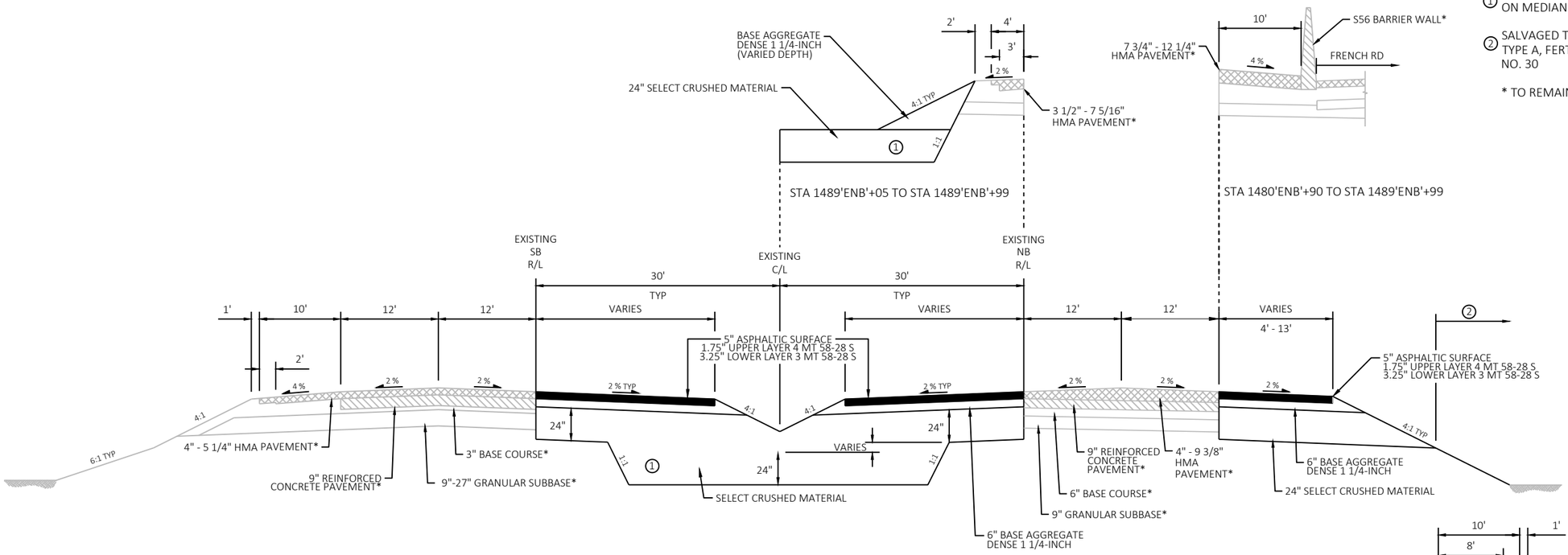
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TYPICAL SECTIONS	SHEET 10	E

2

① SEE CONSTRUCTION DETAIL FOR MORE INFO ON MEDIAN EBS

② SALVAGED TOPSOIL, EROSION MAT CLASS I TYPE A, FERTILIZER TYPE B, AND SEEDING MIX NO. 30

* TO REMAIN IN PLACE

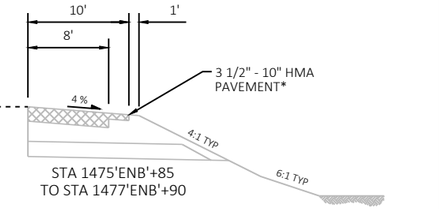


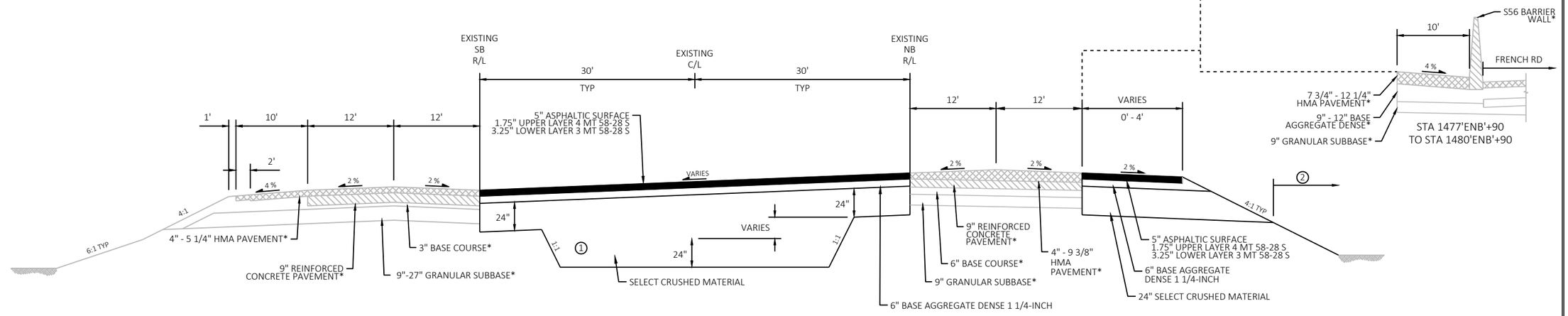
FINISHED TYPICAL SECTION IH 41 SB
NORTHERN MEDIAN CROSSOVER & MEDIAN EBS

STA 1469'ESB'+63 TO STA 1474'ESB'+83
STA 1482'ESB'+79 TO STA 1489'ESB'+61

FINISHED TYPICAL SECTION IH 41 NB
NORTHERN MEDIAN CROSSOVER & MEDIAN EBS

STA 1470'ENB'+51 TO STA 1475'ENB'+21
STA 1483'ENB'+17 TO STA 1489'ENB'+99





FINISHED TYPICAL SECTION IH 41 SB
NORTHERN MEDIAN CROSSOVER & MEDIAN EBS

STA 1474'ESB'+83 TO STA 1480'ESB'+79

FINISHED TYPICAL SECTION IH 41 NB
NORTHERN MEDIAN CROSSOVER & MEDIAN EBS

STA 1475'ENB'+21 TO STA 1483'ENB'+17

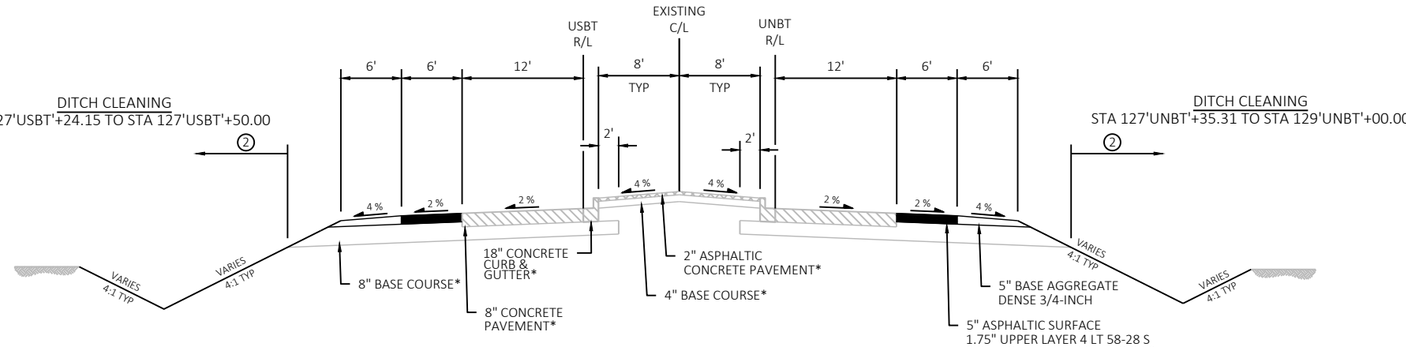
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TYPICAL SECTIONS	SHEET 11	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\020401-FIN-TS.DWG
LAYOUT NAME - 020405-ts
PLOT DATE : 12/18/2024 9:54 AM
PLOT BY : ANDY BLOCK
PLOT NAME :
PLOT SCALE : 1IN:10 FT
WISDOT/CADDS SHEET 42

2

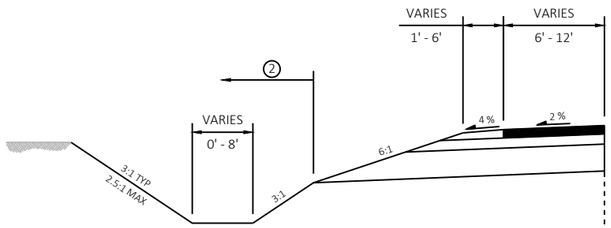
② SALVAGED TOPSOIL, EROSION MAT CLASS I TYPE A, FERTILIZER TYPE B, AND SEEDING MIX NO. 30

* TO REMAIN IN PLACE

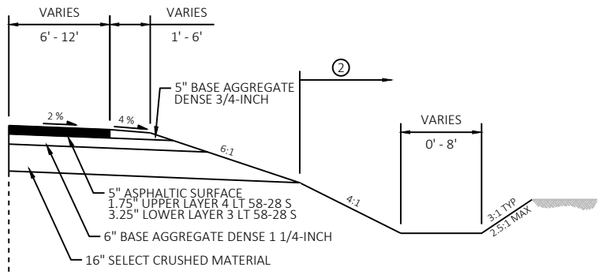


FINISHED TYPICAL SECTION CTH U
SHOULDER RECONSTRUCTION

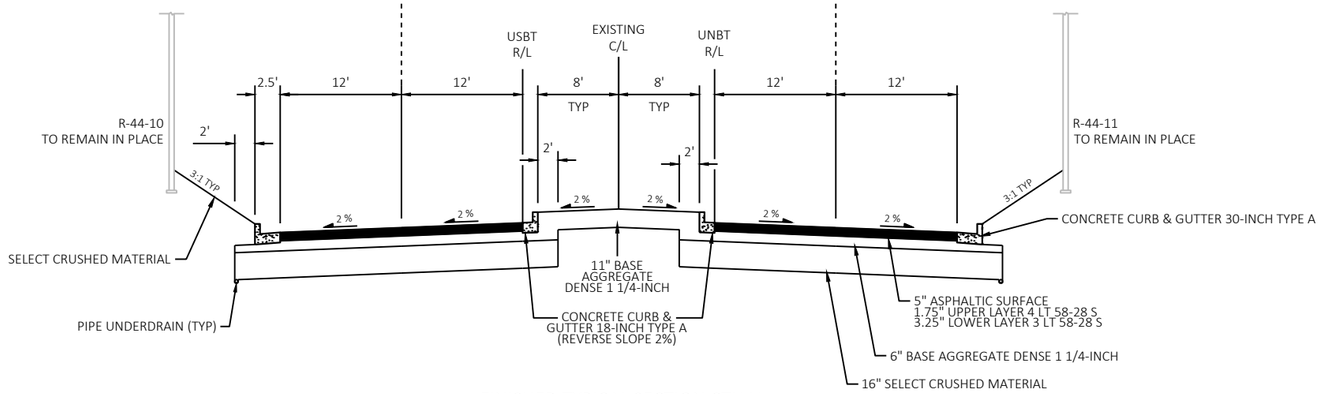
STA 122'UNBT'+75.54 TO STA 123'UNBT'+10.55
STA 127'UNBT'+35.31 TO STA 129'UNBT'+0.00
STA 127'USBT'+24.15 TO STA 128'USBT'+15.34



STA 122'USBT'+99.39 TO STA 124'USBT'+22.57
STA 126'USBT'+25.00 TO STA 127'USBT'+24.15



STA 123'UNBT'+10.55 TO STA 125'UNBT'+14.26

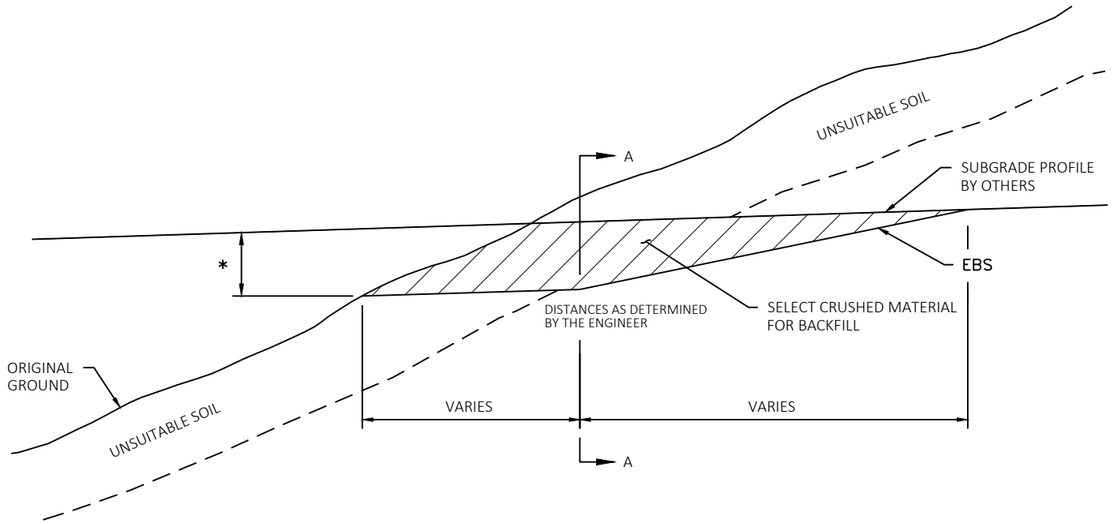


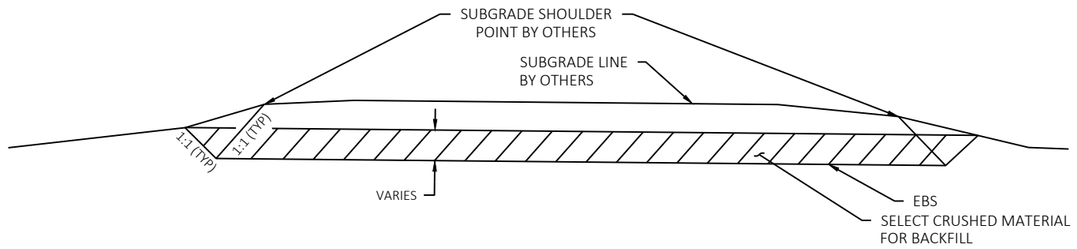
FINISHED TYPICAL SECTION CTH U

STA 123'UNBT'+10.55 TO STA 127'UNBT'+35.31
STA 122'USBT' +99.39 TO STA 127'USBT'+24.15

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TYPICAL SECTIONS	SHEET 12	E

2





SECTION A-A

CROSS SECTION SHOWING EBS

NOTE

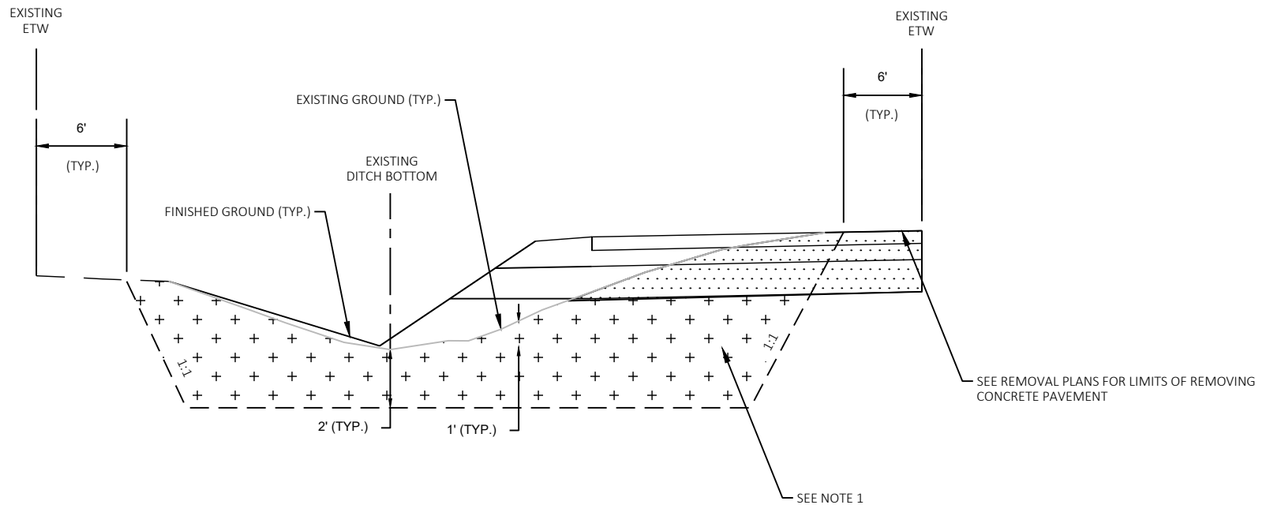
EXACT LOCATIONS, IDENTIFICATION OF UNSUITABLE SOIL, AND EXTENT OF EBS SECTIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EBS AREA TO BE BACKFILLED WITH SELECT CRUSHED MATERIAL.

* THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL EBS IS COMPLETED.

EXCAVATION BELOW SUBGRADE (EBS) AT CUTS

2



EXCAVATION MEASUREMENT DETAIL - MEDIAN

NOT TO SCALE

LEGEND

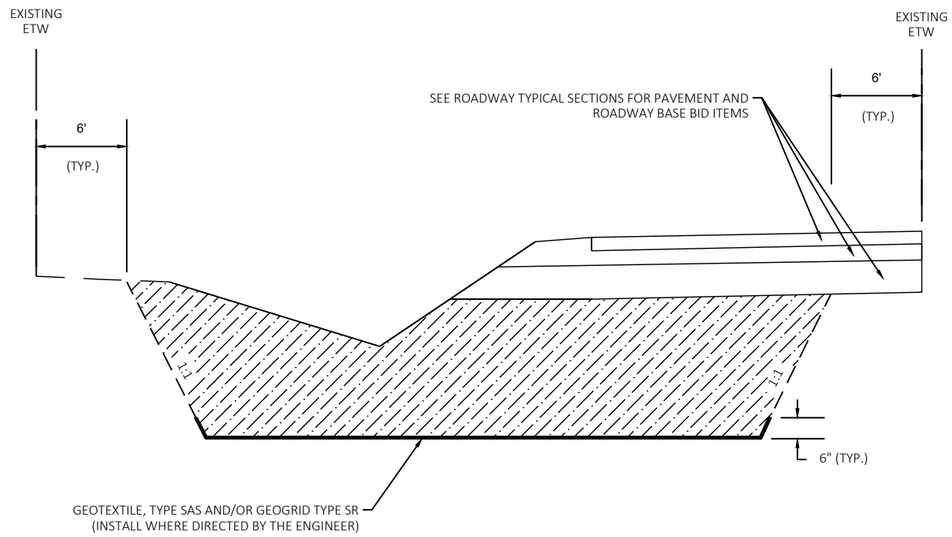
EXCAVATION BELOW SUBGRADE
(PAID FOR AS EXCAVATION COMMON)

CUT (PAID FOR AS EXCAVATION COMMON)

NOTES

1. EXCAVATION BELOW SUBGRADE LIMITS SHOWN IN DETAIL AND IN CROSS SECTIONS ARE ASSUMED, FINAL EXCAVATION BELOW SUBGRADE LIMITS AND QUANTITY SHALL BE FIELD VERIFIED AS DETERMINED BY THE ENGINEER.

2



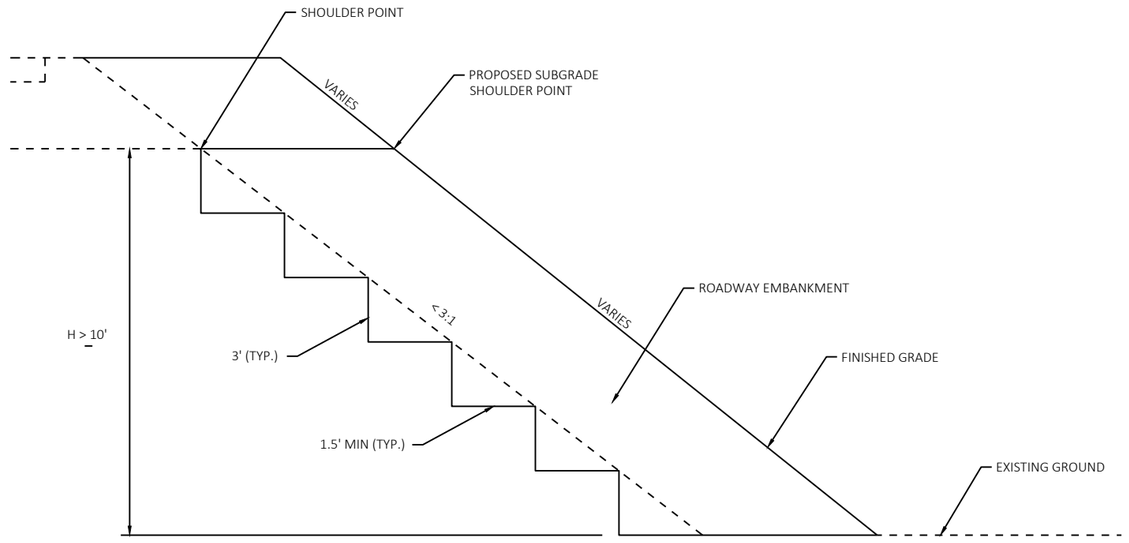
ROADWAY EMBANKMENT DETAIL - MEDIAN

NOT TO SCALE

LEGEND

SELECT CRUSHED OR BASE AGGREGATE DENSE - SEE ROADWAY TYPICAL SECTIONS

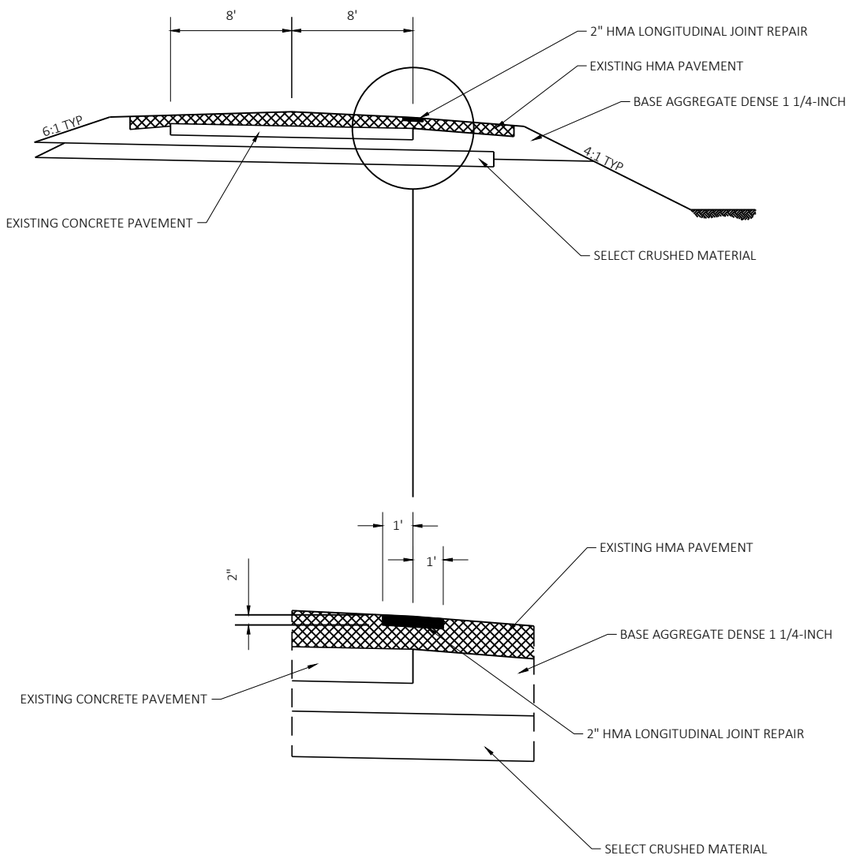
2



EMBANKMENT BENCHING DETAIL

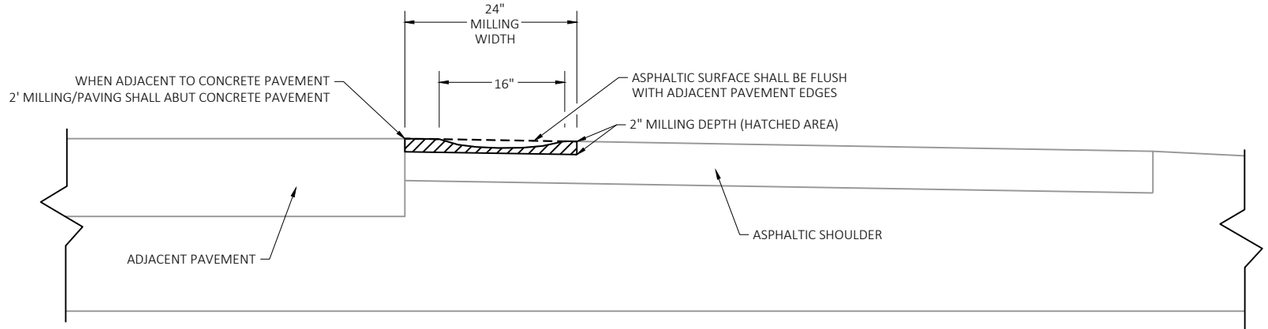
NOTES

1. EMBANKMENT PLACED IN LAYERS AND COMPACTED PER SPECIFICATIONS.

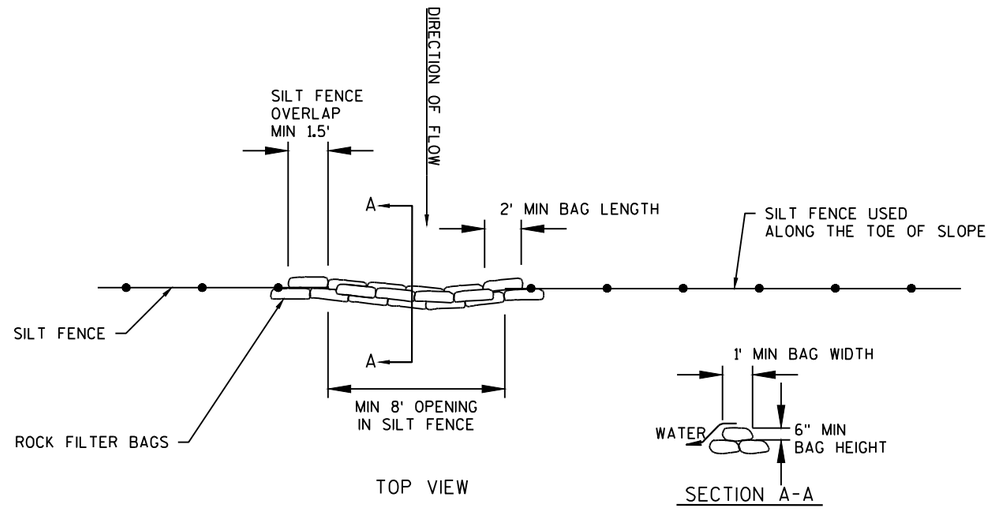


HMA LONGITUDINAL JOINT REPAIR

EXISTING LONGITUDINAL JOINTS

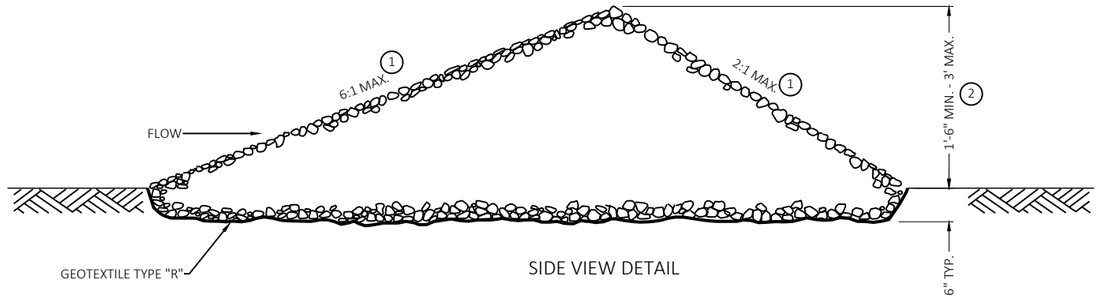


REMOVING ASPHALTIC SURFACE RUMBLE STRIPS

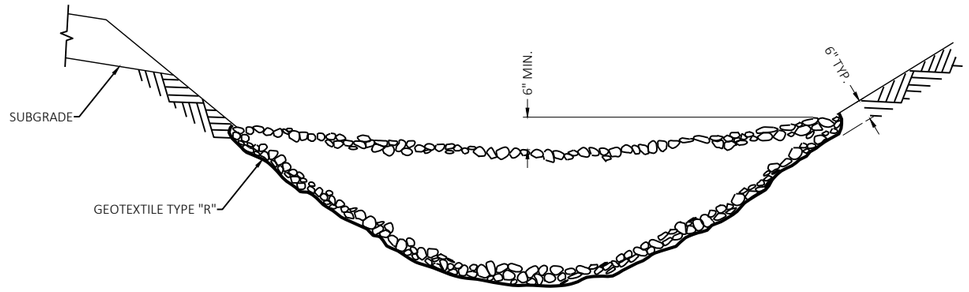


ROCK BAGS USED FOR SILT FENCE RELIEF

2



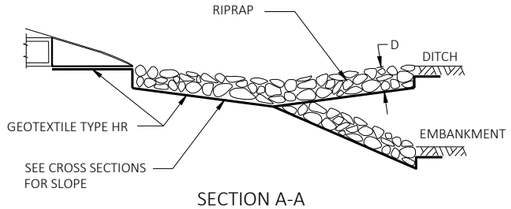
SIDE VIEW DETAIL



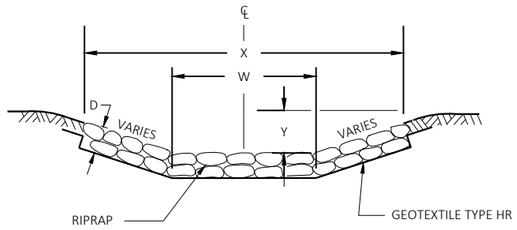
SECTION VIEW

STONE DITCH CHECK

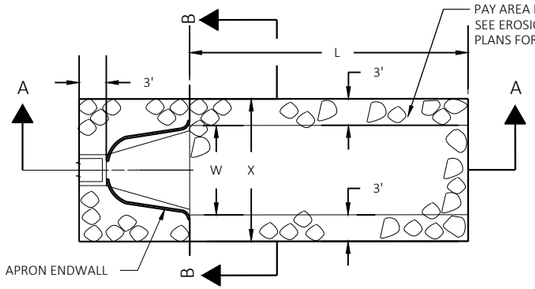
1. WHEN PLACED WITHIN THE CLEAR ZONE, SLOPED AT 6:1 OR FLATTER.
2. MEASURED AT THE CENTER OF THE DITCH CHECK.



SECTION A-A



SECTION B-B



PLAN VIEW

L = 3 x W (NOR) OR 10' MIN
OR AS INDICATED IN THE PLANS
OR AS DIRECTED BY THE ENGINEER

D = 18" FOR RIPRAP MEDIUM
24" FOR RIPRAP HEAVY

X = W+6'

Y = 0' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
6" FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

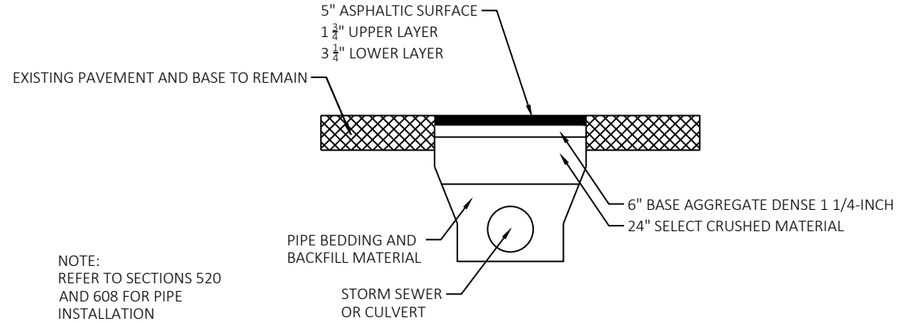
RIPRAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

SEE EROSION CONTROL PLAN FOR LOCATIONS

CONSTRUCTION NOTES:

1. GEOTEXTILE FABRIC SHALL EXTEND
BENEATH THE ENTIRE LENGTH
OF THE APRON ENDWALL SECTION.
INSTALL ON PREPAVED FOUNDATION.
GRADE PRIOR TO END WALL INSTALLATION.

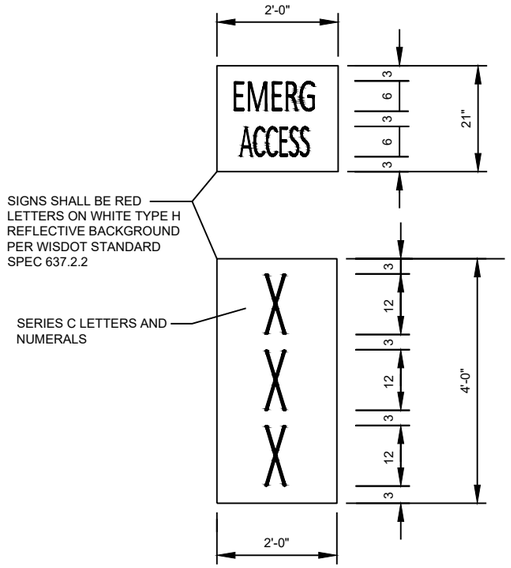
2. COMPLETE GEOTEXTILE FABRIC
AND RIPRAP SECTION INSTALLATION
PRIOR TO STORM WATER FLOW.



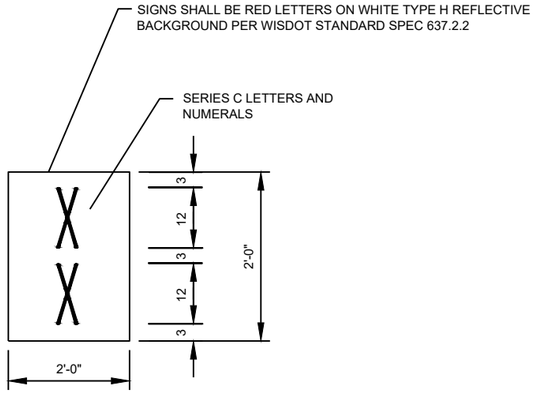
NOTE:
REFER TO SECTIONS 520
AND 608 FOR PIPE
INSTALLATION

PAVEMENT AT PIPE CROSSINGS

2



FIXED MESSAGE SIGNS



XXX REPRESENTS ACCESS POINT NUMBERS, AND WILL CHANGE FROM LOCATION TO LOCATION.

NOTES

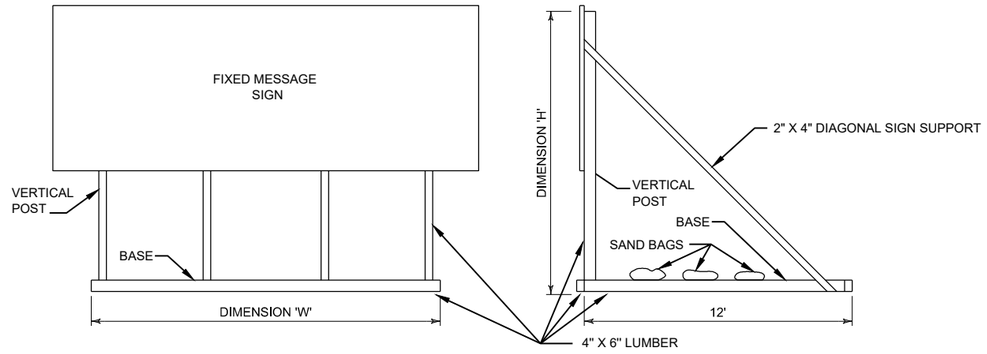
1. AFTER SIGNS HAVE BEEN LOCATED IN THE FIELD, BUT BEFORE INSTALLATION, THE ENGINEER SHALL VERIFY EACH SIGN LOCATION.
2. ALL SIGNS TO BE MOUNTED ON WOODEN POST SUPPORTS (4"x6"). THE NUMBER OF POSTS REQUIRED FOR EACH LAYOUT IS SHOWN. STEEL POSTS (2"X2") MAY BE USED FOR SIGNS ON SURFACE STREETS. SIGNS WHERE NO POSTS ARE SHOWN TO BE MOUNTED ON EXISTING SIGNS. FOR SIGNS MOUNTED ON POSTS, USE POSTS FROM FHWA LIST OF ACCEPTED BREAKAWAY SIGN SUPPORTS. SEE STANDARD SPEC 643 FOR ADDITIONAL INFORMATION.

   SEE TRAFFIC CONTROL DETAIL "MEDIAN BARRIER SIGN MOUNTING DETAILS" FOR MOUNTING SIGNS TO BARRIER WALL
3. SIGNS ON THIS SHEET TO BE PAID UNDER THE ITEM "TRAFFIC CONTROL SIGNS FIXED MESSAGE".
4. SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE TYPE F REFLECTIVE SHEETING UNLESS OTHERWISE NOTED.
5. ALL SIGNS SHALL HAVE CAPITAL LETTERS AND NUMERALS: 12" AND 8" CAPS SHALL BE SERIES D, 6" CAPS SHALL BE SERIES C UNLESS OTHERWISE NOTED.
6. SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO MANUFACTURING.
7. SIGN BASE MATERIAL SHALL CONFORM TO STANDARD SPEC 637.2.1.2.
8. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

(XXX) = FIXED MESSAGE SIGN NUMBER

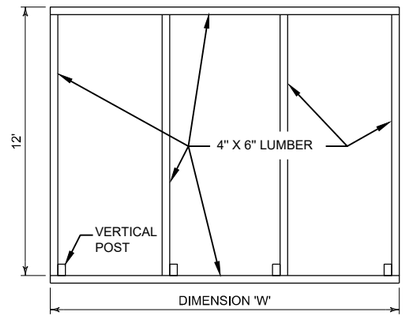
EMERGENCY ACCESS SIGNS

2



FRONT VIEW

SIDE VIEW



BASE PLAN VIEW

FIXED MESSAGE SIGN PORTABLE SUPPORT

NOTES

1. SEE TRAFFIC CONTROL SHEETS FOR SIGN LOCATIONS.
2. TWO DIAGONAL SUPPORTS SHALL BE INCLUDED AND AFFIXED TO THE OUTSIDE SUPPORTS.
3. DIAGONAL SUPPORTS, VERTICAL POSTS AND BASE LUMBER ARE ALL INCLUDED IN THE "FIXED MESSAGE SIGN PORTABLE SUPPORT" ITEM.
4. PROVIDE AN ADEQUATE NUMBER OF SAND BAGS TO HOLD THE SIGN IN PLACE. SAND BAGS ARE INCLUDED IN THE "FIXED MESSAGE SIGN PORTABLE SUPPORT" ITEM.
5. SEE "TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS" SIGN PLATE FOR ADDITIONAL REQUIREMENTS.
6. THIS INSTALLATION METHOD ONLY ALLOWED WHEN BEHIND BARRIER WALL OR GUARDRAIL.

2

COUNTY JJ
M1-5A
24"X24"
ROAD WORK AHEAD
W20-1A

BODDE RD

IH 41 SB

IH 41 NB

FIXED MESSAGE SIGN
SEE CONSTRUCTION DETAIL

EMERG ACCESS
X
X
X

STOP
R1-1
30"X30"

TRUCKS ENTERING & LEAVING
W08-6A

OR

TRUCK CROSSING
W08-6

E. FRONTAGE RD

CN RAILROAD

STH 96

EDGEWOOD DR

CTH JJ

FENCE CHAIN LINK SALVAGED 5-FT REQD.
PLACE SAFETY FENCE SPECIAL AT THESE LOCATIONS
WHEN USED FOR CONTRACTOR ACCESS TO IH 41 MEDIAN

B-44-071

B-44-072

30'
MAX
TYP

CONSTRUCTION ACCESS LOCATIONS
WHEN CONSTRUCTION ACCESS IS NO LONGER NEEDED
REPLACE CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
AT EXISTING ELEVATION, AND RESTORE PREVIOUSLY GRASSED AREAS
WITH TOPSOIL, FERTILIZER TYPE B, FERTILIZER TYPE B, SEEDING MIXTURE
NO. 30, AND EROSION MAT CLASS I, TYPE A

KELSO RD

SIGN

INL

BO

NOTES:
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

CONSTRUCTION TRAFFIC SHALL YIELD TO PUBLIC TRAFFIC. UTILIZE A SINGLE LANE CLOSURE WITH FLAGGING OPERATION AS DIRECTED BY THE ENGINEER. SEE S.D.D. 'TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION'.

SAFETY FENCE SHALL BE REINSTALLED AT THE COMPLETION OF EACH WORK DAY AND AT ALL TIMES WHEN ACCESS POINT IS NOT IN USE. SAFETY FENCE SHALL SPAN FROM THE ABUTMENTS OF B-44-071 AND B-44-072.

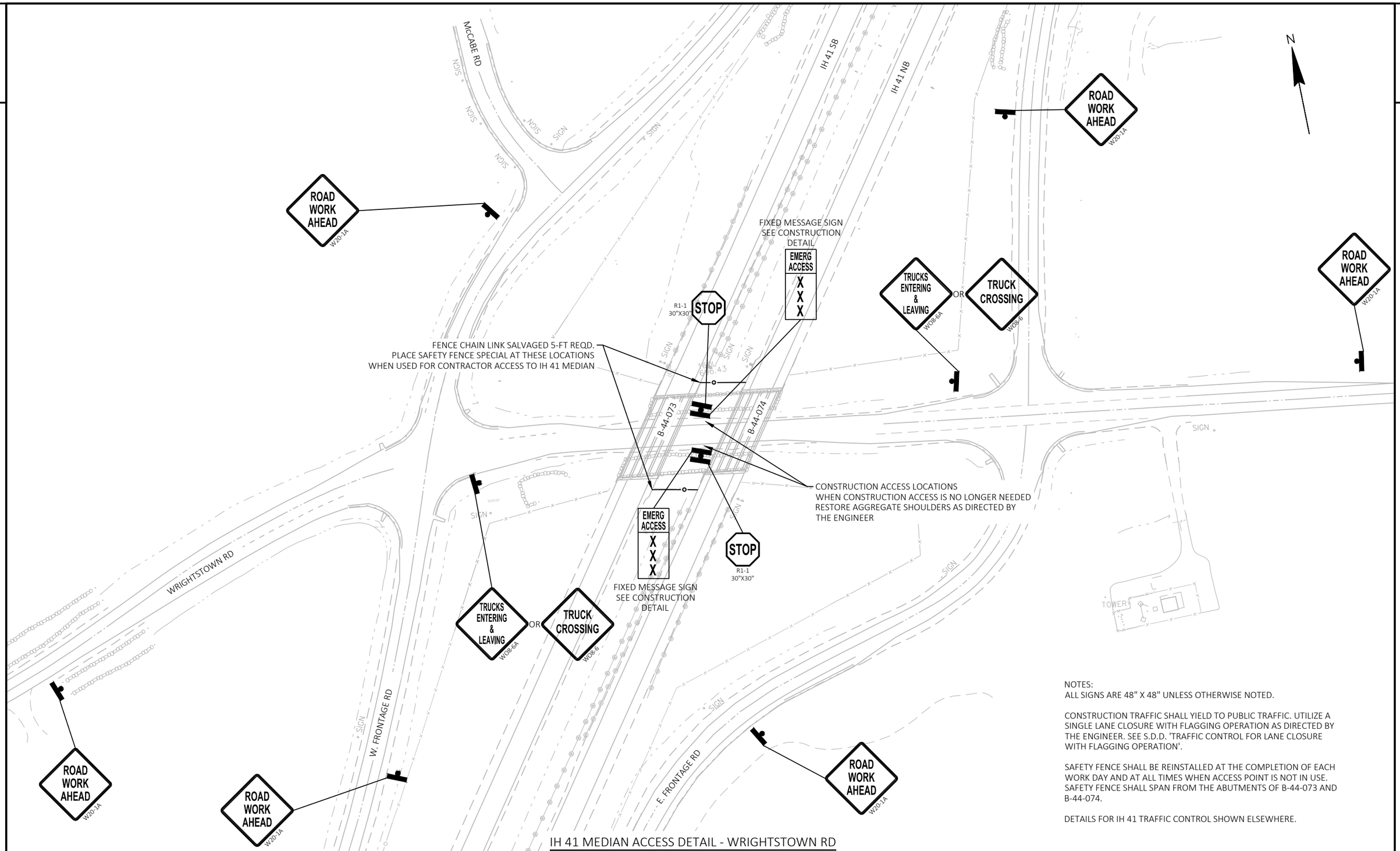
DETAILS FOR IH 41 TRAFFIC CONTROL SHOWN ELSEWHERE.

IH 41 MEDIAN ACCESS DETAIL - CTH JJ

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CONSTRUCTION DETAILS	SHEET 22	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\021001-CD.DWG
LAYOUT NAME - 02101-cd_010
PLOT DATE : 10/17/2024 6:28 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



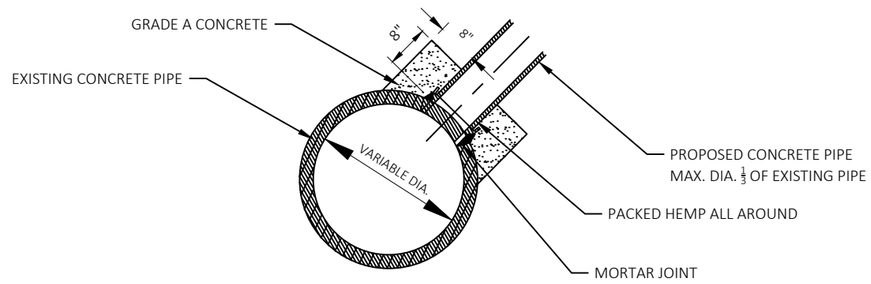
IH 41 MEDIAN ACCESS DETAIL - WRIGHTSTOWN RD

NOTES:
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

CONSTRUCTION TRAFFIC SHALL YIELD TO PUBLIC TRAFFIC. UTILIZE A SINGLE LANE CLOSURE WITH FLAGGING OPERATION AS DIRECTED BY THE ENGINEER. SEE S.D.D. 'TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION'.

SAFETY FENCE SHALL BE REINSTALLED AT THE COMPLETION OF EACH WORK DAY AND AT ALL TIMES WHEN ACCESS POINT IS NOT IN USE. SAFETY FENCE SHALL SPAN FROM THE ABUTMENTS OF B-44-073 AND B-44-074.

DETAILS FOR IH 41 TRAFFIC CONTROL SHOWN ELSEWHERE.

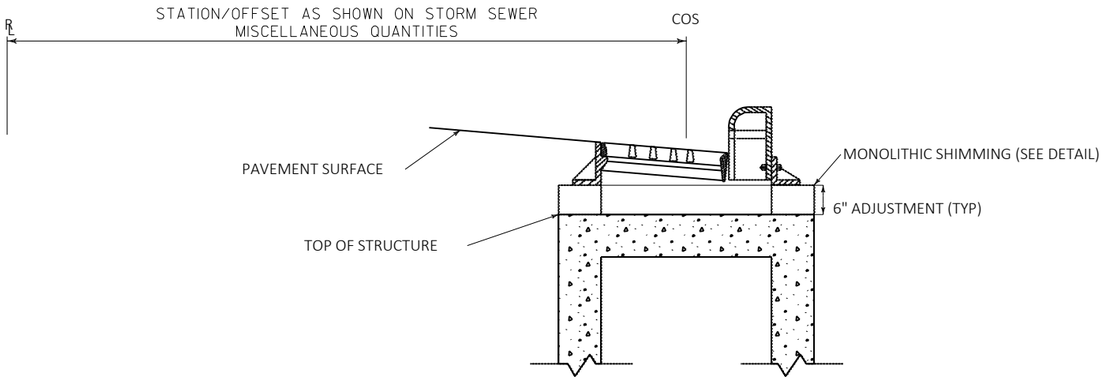


STORM SEWER TAP (PIPE)

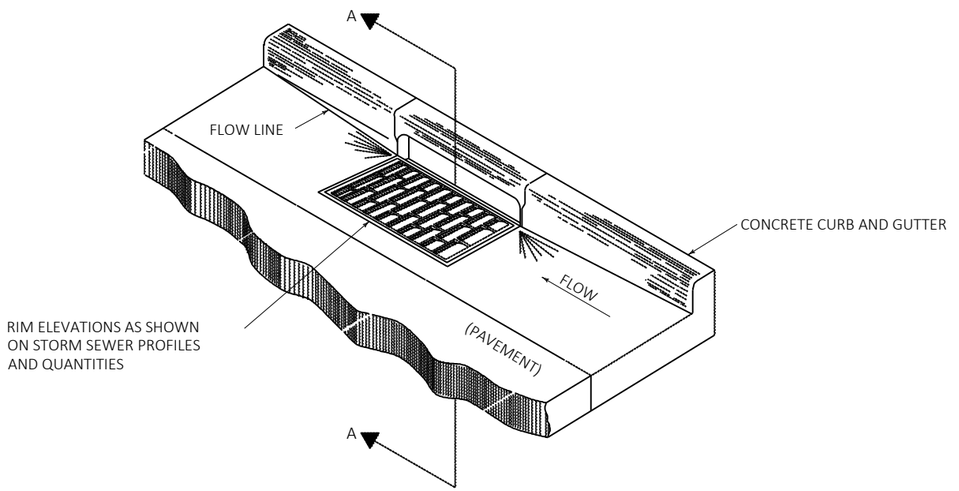
CONNECTION TO STORM SEWER DETAILS

NOTE: CONTRACT UNIT PRICE FOR PIPE SHALL INCLUDE COST OF CONNECTION TO EXISTING STORM SEWER

2



SECTION A-A



STORM SEWER STRUCTURES

STATION/OFFSET LOCATION AND RIM ELEV

REPLACES STANDARD DETAIL 08D01-23B - DETAIL OF CURB AND GUTTER AT INLETS

NOTES

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

EXCAVATING, PREPARING THE FOUNDATION AND SHIMMING ARE INCIDENTAL TO THE COVER.

MONOLITHIC SHIM CONCRETE, CONCRETE PLACEMENT AND FINISHING ARE INCIDENTAL TO THE CONCRETE CURB & GUTTER BID ITEM.

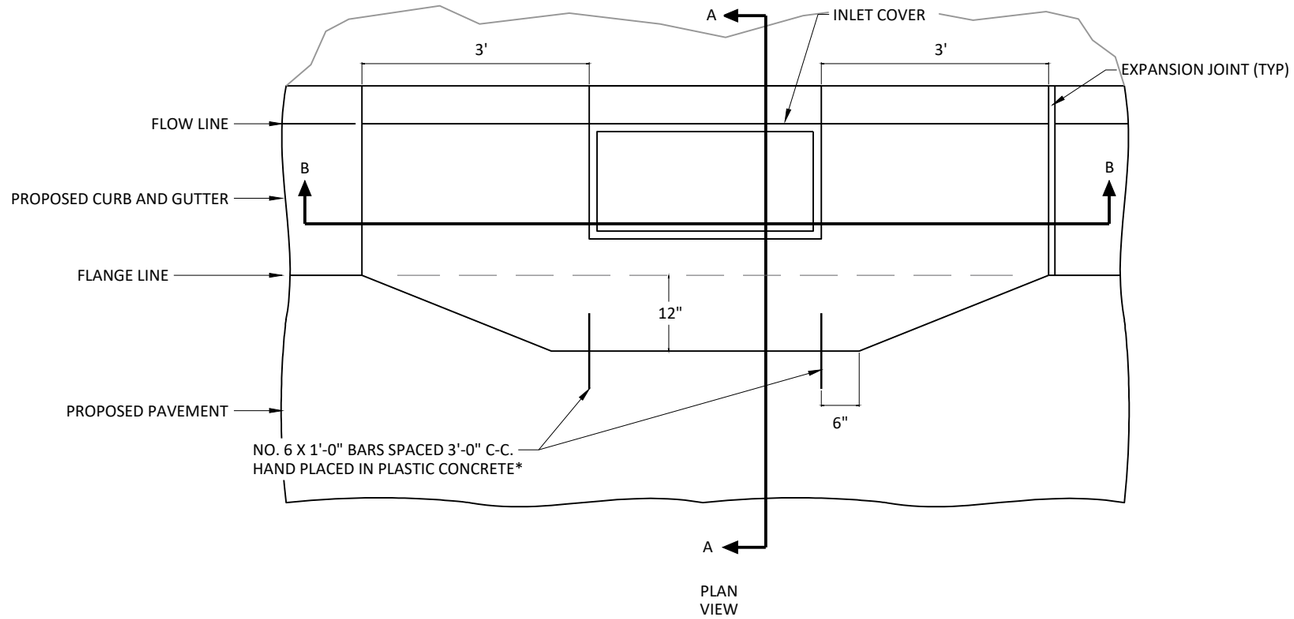
PREVENT CONCRETE AND OTHER DEBRIS FROM FALLING INTO STRUCTURE.

REFER TO PLAN DETAILS AND MISCELLANEOUS QUANTITIES FOR ADDITIONAL INFORMATION.

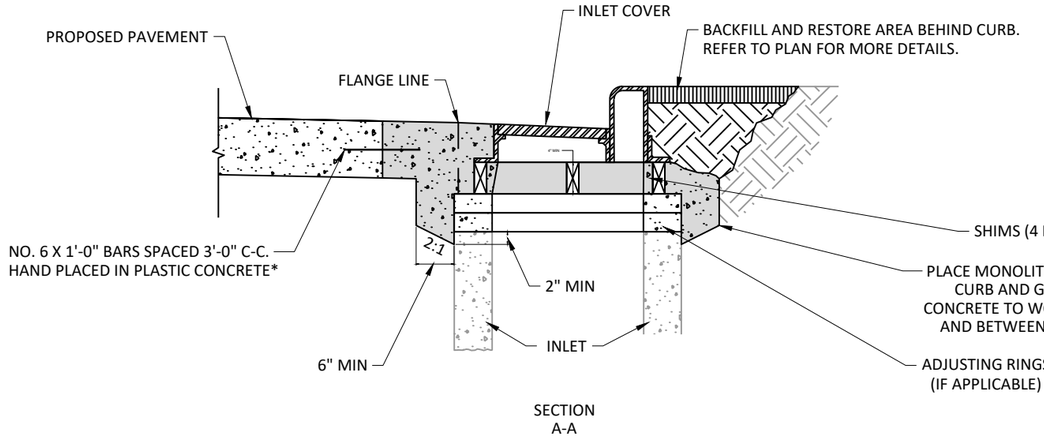
* TIE BARS ARE INTENDED TO BE PLACED IN PLASTIC CONCRETE. NO ADDITIONAL PAYMENT WILL BE MADE FOR DRILLING TIE BARS IF THE CONTRACTOR ELECTS TO DRILL BARS AFTER CONCRETE HAS HARDENED.

MONOLITHIC CONCRETE

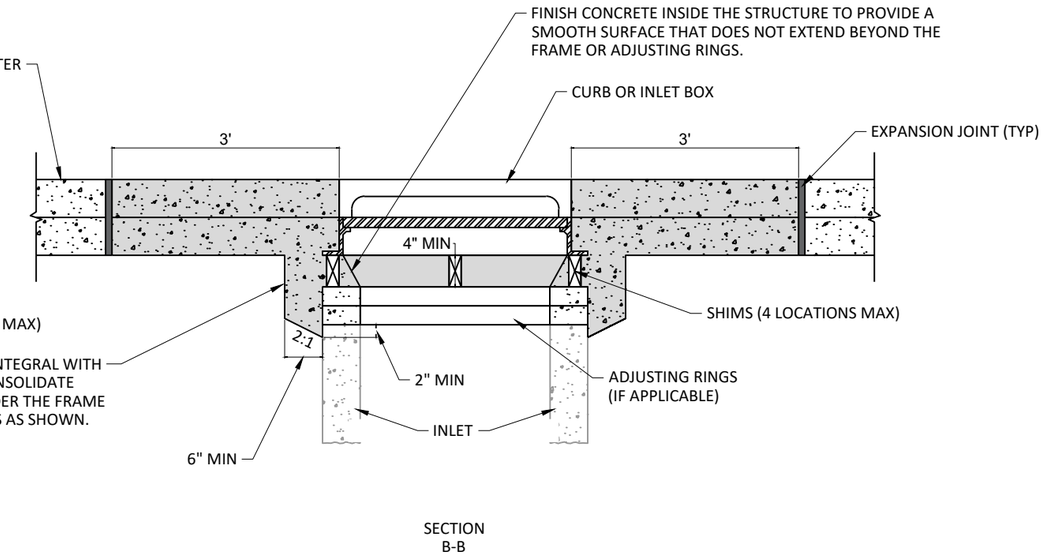
CONCRETE



PLAN VIEW



SECTION A-A

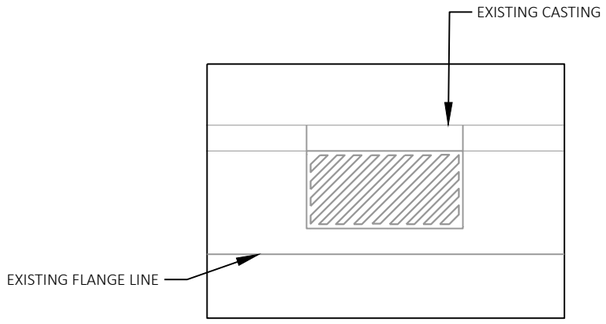


SECTION B-B

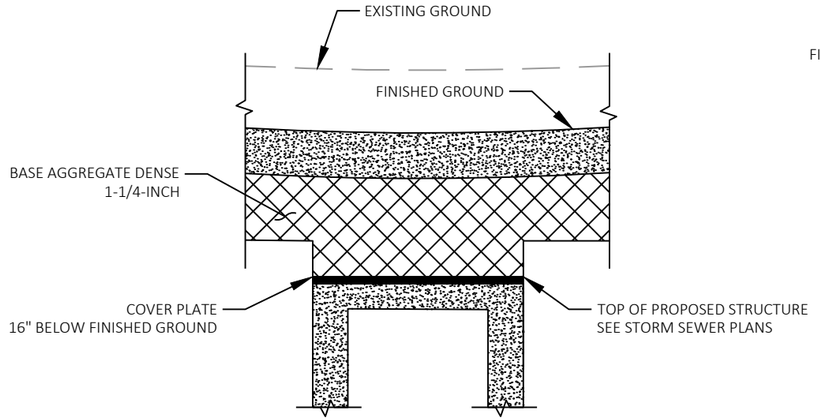
CATCH BASINS & INLETS - MONOLITHIC SHIM

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CONSTRUCTION DETAILS - DRAINAGE	SHEET 26	E

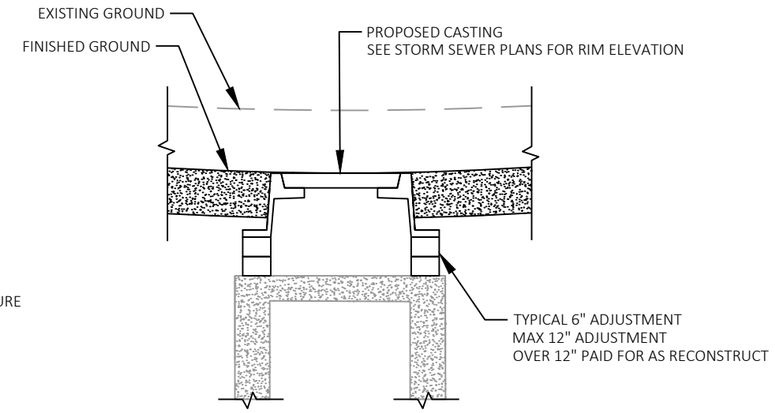
FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\021002-CD-SS.DWG
LAYOUT NAME - CD_SS_01
PLOT DATE : 10/25/2024 11:36 AM PLOT BY : ELIZABETH REGIER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PLAN VIEW

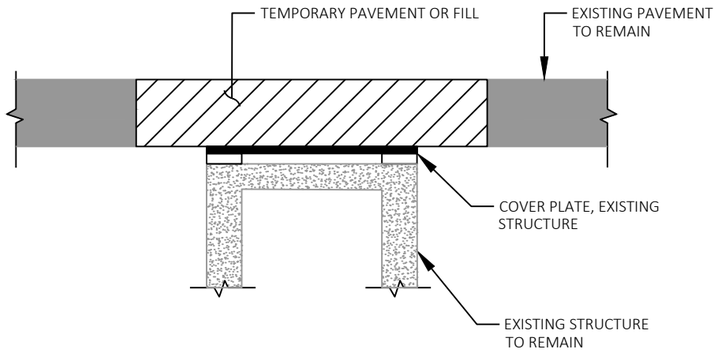


COVER PLATE



ADJUSTING MANHOLE / INLET COVERS

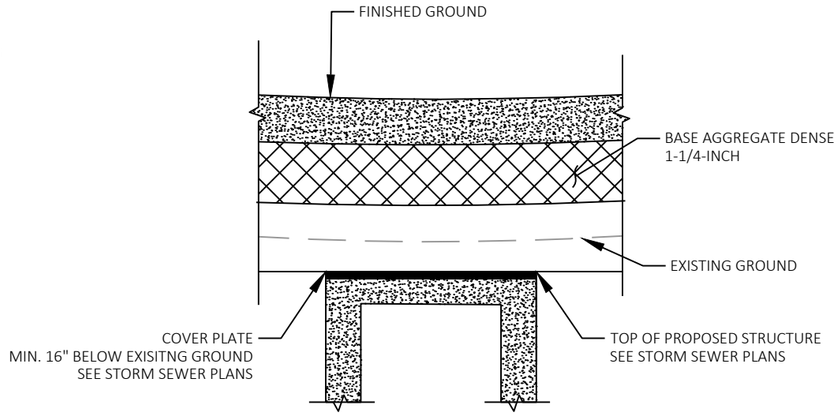
ADJUSTMENT WHEN FINISHED GROUND IS BELOW EXISTING GROUND
DETAIL - B



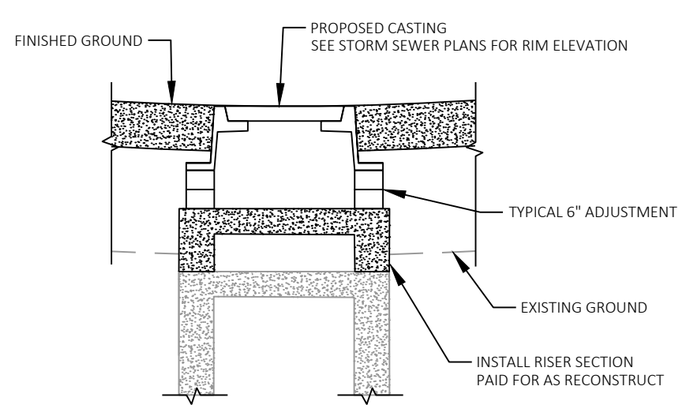
SECTION VIEW

EXISTING STRUCTURE COVER PLATE
DETAIL - A

1. REMOVE AND SALVAGE EXISTING CASTING AS SHOWN IN THE STORM SEWER PLANS
2. INSTALL COVER PLATE



COVER PLATE



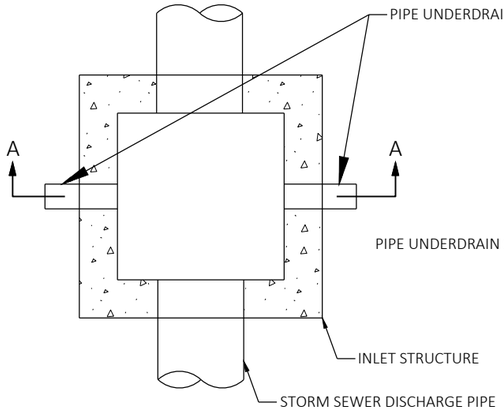
RECONSTRUCTING MANHOLE / INLET

RECONSTRUCT WHEN FINISHED GROUND IS ABOVE EXISTING GROUND
DETAIL - C

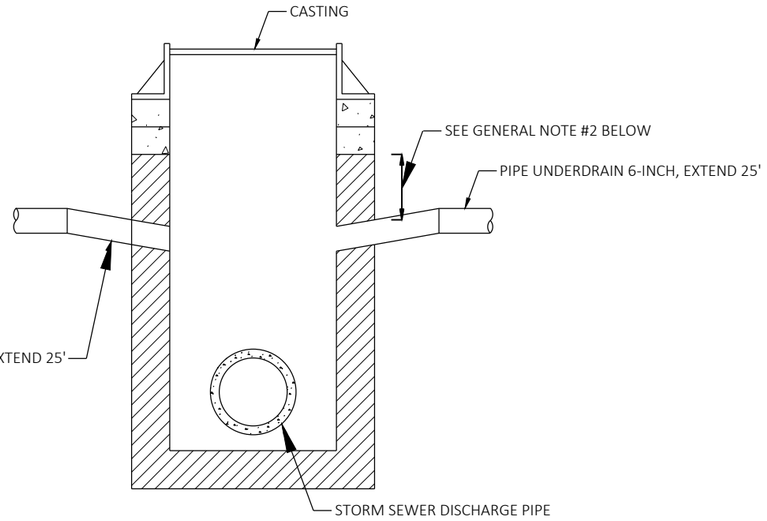
STORM SEWER ADJUSTING / RECONSTRUCT STRUCTURE DETAILS

SEE MONOLITHIC CONCRETE SHIMMING DETAIL FOR ADDITIONAL FINAL ADJUSTMENT DETAILS.

2



PLAN VIEW



SECTION A-A

UNDERDRAIN OUTFALL AT STORM SEWER STRUCTURE

NOTES:

1. CONNECTIONS TO INLETS OR MANHOLES IN MEDIAN SHALL USE PIPE UNDERDRAIN, 6-INCH.

2. PROVIDE UNDERDRAIN OPENINGS TO ACCOMMODATE 6" UNDERDRAIN PIPE. SEE TYPICAL SECTIONS FOR PIPE UNDERDRAIN DEPTH AND LOCATIONS.

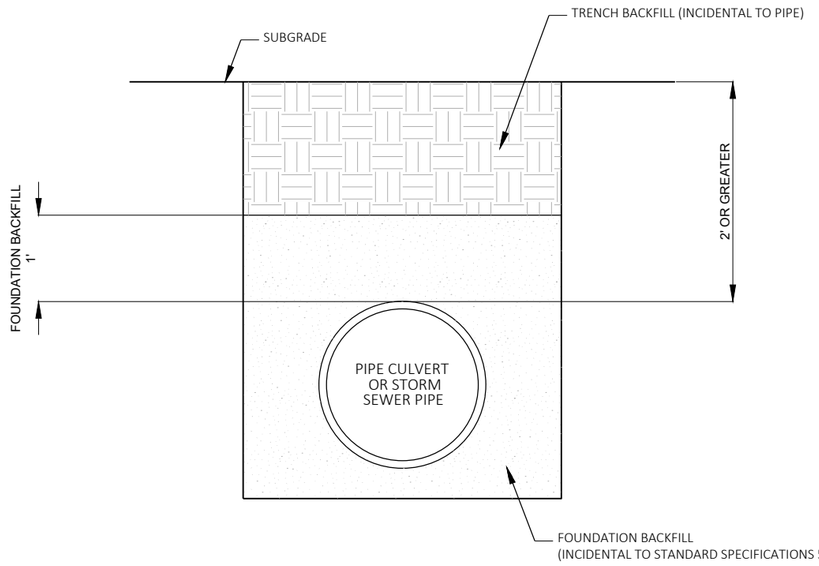
3. DRAIN TILES SHALL NOT BE ALLOWED IN THE ADJUSTMENT RING OF THE STRUCTURE OF INLETS OR SEWER ACCESS STRUCTURES

4. CORE HOLES SHALL PROVIDE FOR A MINIMUM OF 2" OF CONCRETE BETWEEN THE CUTOUT FOR A CONCRETE PIPE AND THE EDGE OF THE CORE HOLE.

5. CORE HOLES MAY HAVE 1" CLEARANCE FROM THE INSIDE WALLS OF A STRUCTURE.

6. UNDERDRAIN CORING AND CONNECTIONS ARE INCIDENTAL TO PIPE UNDERDRAIN.

2



TRENCH BACKFILL DETAIL FOR NORMAL DEPTH PIPE CULVERTS
AND STORM SEWER PIPE INSTALLATIONS

NOTES:

(1) NATIVE BACKFILL SHALL BE FREE OF LARGE LUMPS, CLODS, OR ROCK.

2

LEGEND

- AP05 HMA PAVEMENT 5-INCH
- ASFL ASPHALTIC FLUME
- BA75 BASE AGGREGATE DENSE 3/4-INCH
- BA125 BASE AGGREGATE DENSE 1 1/4-INCH
- CG18 CONCRETE CURB & GUTTER 18-INCH TYPE D
- CG30 CONCRETE CURB & GUTTER 30-INCH TYPE D

N

IH 41 NB

IH 41 SB

CTH U

R/L 'USBT'

R/L 'UNBT'

123'USBT'

124'USBT'

125'USBT'

123'UNBT'

124'UNBT'

125'UNBT'

+99.39 -18.00' LT

+99.39 -12.00' LT

+99.39 0.00'

+99.39 9.68' RT

+10.55 0.00'

+12.37 -21.61' LT

+22.57 -21.94' LT

+84.34 -24.00' LT

+38.22 0.00'

+75.54 17.23' RT

+96.45 12.00' RT

+10.55 12.00' RT

+93.43 18.53' RT

+10.55 19.72' RT

+75.54 19.84' RT

+72.43 24.00' RT

+04.25 24.00' RT

+14.25 24.00' RT

7'

6'

2'

BA75

AP05

CG18

BA125

CG30

665.39 665.21 665.01 664.76 664.48 664.19 664.15 663.81 663.53 663.34 663.24 663.22

665.51 665.35 665.16 664.93 664.66 664.35 664.02 663.76 663.58 663.48 663.46

665.59 665.40 665.17 664.90 664.59 664.26 664.00 663.82 663.72 663.70

665.75 665.52 665.26 664.95 664.61

665.94 665.75

665.75 665.67 665.50 665.29 665.05 664.77 664.45 664.15 663.93 663.78 663.72

665.51 665.44 665.43 665.26 665.05 664.81 664.53 664.21 663.91 663.69 663.54 663.48

665.53 665.43 665.26 665.36 665.26 665.05 664.81 664.57 664.29 663.97 663.67 663.45 663.36 663.30 663.24

MATCH LINE 125+65'UNBT'

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN DETAILS: CTH U	SHEET 30	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\1130770\SHEETS\1130-67-71\021201-PD TEMP.DWG
LAYOUT NAME - 01

PLOT DATE : 10/22/2024 1:25 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

LEGEND

- APO5 HMA PAVEMENT 5-INCH
- ASFL ASPHALTIC FLUME
- BA75 BASE AGGREGATE DENSE 3/4-INCH
- BA125 BASE AGGREGATE DENSE 1 1/4-INCH
- CG18 CONCRETE CURB & GUTTER 18-INCH TYPE D
- CG30 CONCRETE CURB & GUTTER 30-INCH TYPE D

N

CAMERA POST

POST

MATCH LINE 125+65'UNBT'

CG30 +25 -24.00' LT

ASFL

663.28 663.39 663.46 663.49 663.47 663.41

663.52 663.63 663.70 663.73 663.71 663.65

AP05

663.76 663.87 663.94 663.97 663.95 663.89

126'USBT' 127'USBT'

BA125

CG18

664.02 664.04 664.01

126'UNBT' 127'UNBT'

663.74 663.83 663.93 663.98 663.99 663.96 663.88

+61.91 0.00' LT

AP05

663.50 663.59 663.69 663.74 663.75 663.72 663.64

663.26 663.35 663.45 663.50 663.51 663.49 663.48 663.43

CG30

+83.44 24.00' RT

+03.59 23.22' RT

ASFL

+24.15 -24.00' LT

+45.48 -24.00' LT

663.30 663.22 662.98

+91.38 -19.84' LT

BA75

663.01 663.19

+15.34 -22.01' LT

662.92

663.10

+15.34 -17.58' LT

663.54 663.51 663.25

+24.15 -12.00' LT

+70.98 -12.00' LT

663.78

+24.15 0.00'

+35.31 -8.06' LT

663.99

+35.31 0.00'

663.83

+35.31 12.00' RT

663.61 663.53 663.46 663.40 663.28

663.41 663.34 663.29 663.24 663.15

+35.31 22.00' RT

R/L 'USBT'

128'USBT'

CTH U

128'UNBT'

R/L 'UNBT'

+49.70 12.00' RT

663.13

663.01

+49.70 18.00' RT

BA75

IH 41 NB

IH 41 SB

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN DETAILS: CTH U	SHEET 31	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\021201-PD TEMP.DWG
LAYOUT NAME - 02

PLOT DATE : 10/22/2024 1:27 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

KELSO RD

1210ESB

IH 41 SB

1215ESB

1220ESB

1210ENB

IH 41 NB

1215ENB

1220ENB

BEGIN PROJECT
STA 1218 ENB+00.00

E FRONTAGE RD

CN RAILROAD

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

KELSO RD

225ESB

IH 41 SB

1230ESB

1235ESB

ENB

IH 41 NB

1230ENB

1235ENB

MATCH LINE 1225+00

MATCH LINE 1240+00

E FRONTAGE RD

CN RAILROAD

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 32	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 01

PLOT DATE : 12/23/2024 9:59 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

KELSO RD

CTH JJ / EDGEWOOD DR

RIVER BEND DR

IH 41 SB

IH 41 NB

1240ESB

1245ESB

1250ESB

1240ENB

1245ENB

1250ENB

MATCH LINE 1240+00

MATCH LINE 1255+00

BODDE RD

W FRONTAGE RD

1255ESB

1260ESB

1265ESB

1260ENB

1265ENB

MATCH LINE 1255+00

MATCH LINE 1270+00

E FRONTAGE RD

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 33	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 02

PLOT DATE : 12/23/2024 10:02 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 1270+00

MATCH LINE 1285+00

MATCH LINE 1285+00

MATCH LINE 1300+00

W FRONTAGE RD

1270ESB

IH 41 SB

1275ESB

1280ESB

1275ENB

1280ENB

IH 41 NB

E FRONTAGE RD

1285ESB

1290ESB

IH 41 SB

1295ESB

1290ENB

1295ENB

IH 41 NB

W FRONTAGE RD

E FRONTAGE RD

TOWN CLUB ROAD

TRAFFIC CAMERA

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 34	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 03

PLOT DATE : 12/23/2024 10:04 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 1300+00

MATCH LINE 1315+00

W FRONTAGE RD

1300ESB

IH 41 SB

1305ESB

1310ESB

1305ENB

1310ENB

IH 41 NB

E FRONTAGE RD

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

MATCH LINE 1315+00

MATCH LINE 1330+00

W FRONTAGE RD

1315ESB

IH 41 SB

1320ESB

1325ESB

1320ENB

1325ENB

IH 41 NB

E FRONTAGE RD

WRIGHTSTOWN RD

E FRONTAGE RD

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 35	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 04

PLOT DATE : 12/23/2024 10:09 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

MATCH LINE 1330+00

W FRONTAGE RD

1330ESB

IH 41 SB

1335ESB

1340ESB

1335ENB

1340ENB

IH 41 NB

E FRONTAGE RD

MATCH LINE 1345+00

W FRONTAGE RD

1345ESB

1350ESB

IH 41 SB

1355ESB

1350ENB

1355ENB

IH 41 NB

E FRONTAGE RD

MATCH LINE 1360+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 36	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 05
PLOT DATE : 12/23/2024 10:19 AM
PLOT BY : ANDY BLOCK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

W FRONTAGE RD

IH 41 SB

1360ESB

1365ESB

1370ESB

1365ENB

1370ENB

IH 41 NB

MATCH LINE 1360+00

MATCH LINE 1375+00

EXIT RAMP TO WEIGHT STATION

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

1375ESB

IH 41 SB

1380ESB

1385ESB

1380ENB

1385ENB

MATCH LINE 1375+00

MATCH LINE 1390+00

IH 41 NB

ENTRANCE RAMP TO WEIGH STATION

E FRONTAGE RD

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 37	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 06

PLOT DATE : 12/23/2024 10:21 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 1390+00

MATCH LINE 1405+00

MATCH LINE 1405+00

MATCH LINE 1420+00

W FRONTAGE RD

ENTRANCE RAMP TO CTH U

1390ESB

1395ESB

1400ESB

IH 41 SB

1395ENB

1400ENB

IH 41 NB

EXIT RAMP AT CTH U

E. FRONTAGE RD

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

(S COUNTY LINE RD)

CTH U

EXIT RAMP AT CTH U

TRAFFIC CAMERA

1405ESB

IH 41 SB

1410ESB

1415ESB

1410ENB

1415ENB

IH 41 NB

EXIT RAMP AT CTH U

ENTRANCE RAMP AT CTH U

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 38	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 07

PLOT DATE : 12/23/2024 10:24 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MID VALLEY DR

EXIT RAMP AT CTH U

1420ESB 1425ESB IH 41 SB 1430ESB

MATCH LINE 1420+00

ENB 1425ENB 1430ENB 143

IH 41 NB

FRENCH RD

MATCH LINE 1435+00

2

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

MID VALLEY DR

TRAFFIC COUNTER

1435ESB 1440ESB IH 41 SB 1445ESB

MATCH LINE 1435+00

ENB 1440ENB 1445ENB 145

IH 41 NB

FRENCH RD

APPLE CREEK

APPLE PL

APPLE CREEK RD

MATCH LINE 1450+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 39	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\1130770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 08

PLOT DATE : 12/23/2024 10:28 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

MID VALLEY DR

1450ESB 1455ESB IH 41 SB 1460ESB

MATCH LINE 1450+00

ENB 1455ENB 1460ENB 1465

IH 41 NB

FRENCH RD

MATCH LINE 1465+00

2

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

MID VALLEY DR

1465ESB IH 41 SB 1470ESB 1475ESB

MATCH LINE 1465+00

ENB 1470ENB 1475ENB 148

IH 41 NB

FRENCH DR

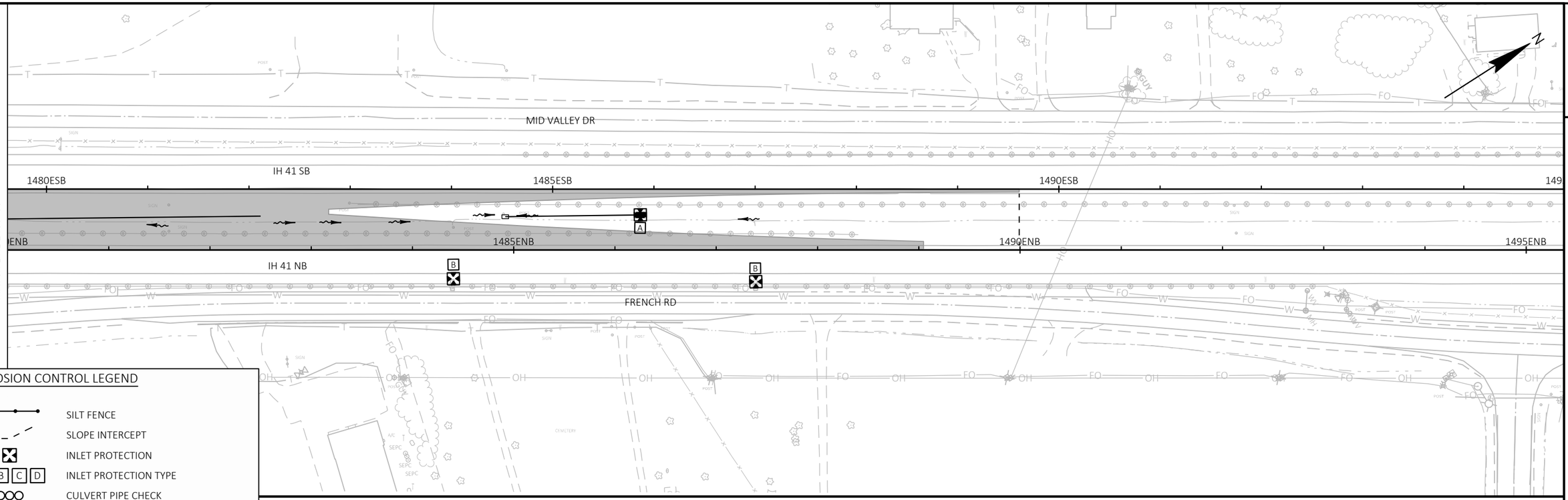
MATCH LINE 1480+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 40	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 09

PLOT DATE : 12/23/2024 10:45 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



2

EROSION CONTROL LEGEND

- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- A B C D — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- RIP RAP OR STONE DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TEMPORARY EROSION CONTROL	SHEET 41	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-ECT.DWG
LAYOUT NAME - 10
PLOT DATE : 12/23/2024 10:57 AM
PLOT BY : ANDY BLOCK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW

KELSO RD

PC: 1213+05.46 ENB

PC: 1213+05.46 ESB

1210ESB

IH 41 SB

1215ESB

1220ESB

1225ESB

1210ENB

IH 41 NB

1215ENB

1220ENB

1225ENB

E FRONTAGE RD

5

5

KELSO RD

PT: 1236+18.19 ENB

PT: 1235+94.09 ESB

1225ESB

IH 41 SB

1230ESB

1235ESB

1240ESB

1225ENB

IH 41 NB

1230ENB

1235ENB

1240ENB

E FRONTAGE RD

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 42	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 01

PLOT DATE : 12/23/2024 1:50 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW

KELSO RD

CTH JJ / EDGEWOOD DR

RIVER BEND DR

1240ESB | 1245ESB | 1250ESB | 1255ES

IH 41 SB

1240ENB | 1245ENB | 1250ENB | 1255ENB

IH 41 NB

BODDE RD

W FRONTAGE RD

1255ESB | 1260ESB | 1265ESB | 1270ES

1255ENB | 1260ENB | 1265ENB | 1270ENB

E FRONTAGE RD

5

5

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 43	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 02

PLOT DATE : 12/23/2024 1:52 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW

W FRONTAGE RD

1270ESB | IH 41 SB | 1275ESB | 1280ESB | 1285ESB

1270ENB | 1275ENB | 1280ENB | 1285ENB

IH 41 NB

E FRONTAGE RD

PC: 1287+56.08 ENB

PC: 1287+31.98 ESB

PT: 1298+63.35 ENB

PT: 1298+27.72 ESB

W FRONTAGE RD

1285ESB | 1290ESB | IH 41 SB | 1295ESB | 1300ESB

1285ENB | 1290ENB | 1295ENB | 1300ENB

IH 41 NB

E FRONTAGE RD

TOWN CLUB ROAD

TRAFFIC CAMERA

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 44	E

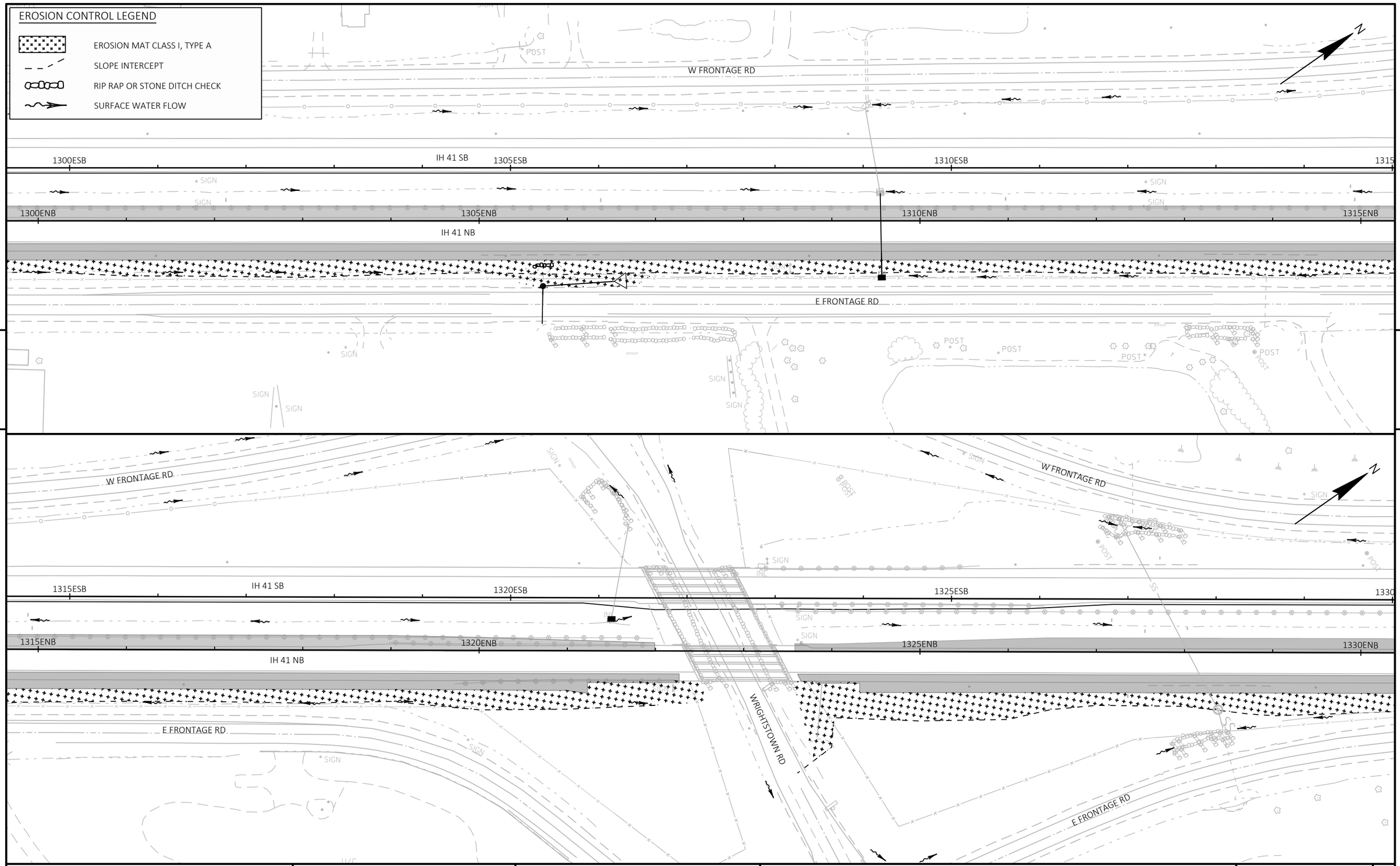
FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 03

PLOT DATE : 12/23/2024 1:55 PM | PLOT BY : DINA ASSAD | PLOT NAME : | PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW



5

5

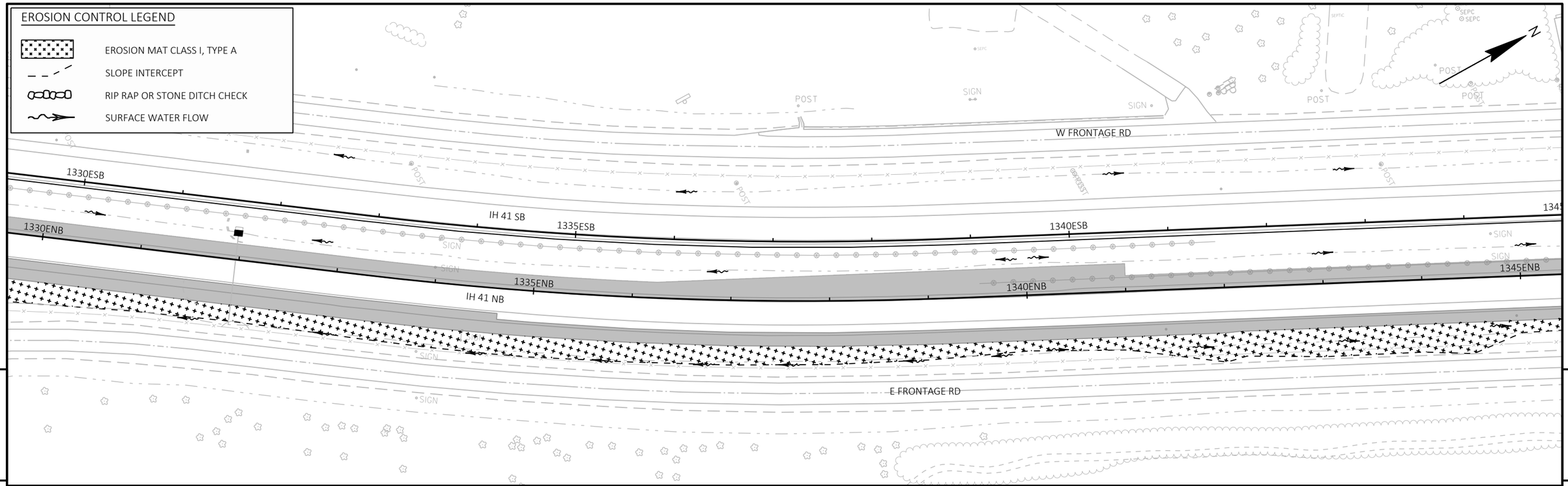
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 45	E

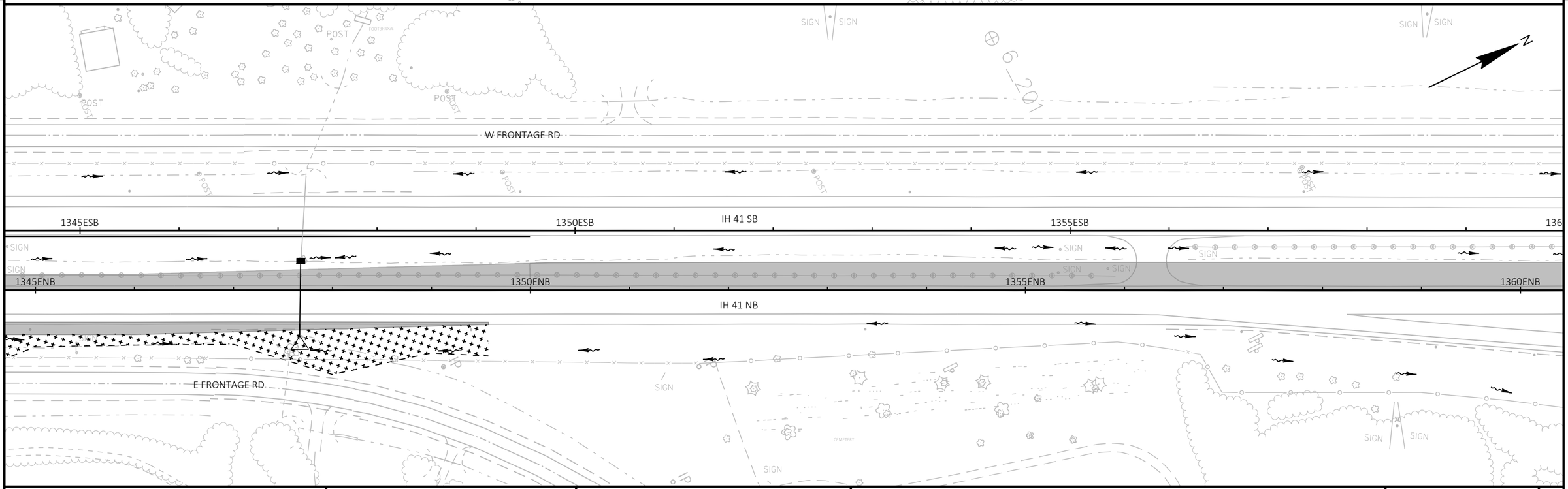
FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 04

PLOT DATE : 12/23/2024 1:57 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW





PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 46	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 05

PLOT DATE : 12/23/2024 2:00 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW

W FRONTAGE RD

PC: 1363+49.91 ENB

PC: 1363+04.85 ESB

IH 41 SB

1360ESB

1365ESB

1370ESB

1360ENB

1365ENB

1370ENB

1375ENB

IH 41 NB

EXIT RAMP TO WEIGHT STATION

PT: 1376+17.26 ENB

PT: 1375+78.86 ESB

1375ESB

1380ESB

1385ESB

1375ENB

1380ENB

1385ENB

1390ENB

IH 41 NB

ENTRANCE RAMP TO WEIGH STATION

E FRONTAGE RD

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 47	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 06

PLOT DATE : 12/23/2024 2:02 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW

W FRONTAGE RD

ENTRANCE RAMP TO CTH U

1390ESB 1395ESB 1400ESB IH 41 SB 1405ESB

1390ENB 1395ENB 1400ENB 1405ENB

IH 41 NB

EXIT RAMP AT CTH U

E. FRONTAGE RD

ENTRANCE RAMP TO CTH U

REMOVE CABLE GUARD

TRAFFIC CAMERA

(S COUNTY LINE RD)

CTH U

1405ESB IH 41 SB 1410ESB 1415ESB 1420ESB

1405ENB 1410ENB 1415ENB 1420ENB

IH 41 NB

EXIT RAMP AT CTH U

ENTRANCE RAMP AT CTH U

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 48	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 07

PLOT DATE : 12/23/2024 2:04 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW

MID VALLEY DR

EXIT RAMP AT CTH U

1420ESB

1425ESB

IH 41 SB

1430ESB

1420ENB

1425ENB

IH 41 NB

1430ENB

1435ENB

FRENCH RD

6_210

6_211

POST

MID VALLEY DR

TRAFFIC COUNTER

1435ESB

1440ESB

IH 41 SB

1445ESB

1435ENB

1440ENB

IH 41 NB

1445ENB

1450ENB

FRENCH RD

APPLE CREEK

APPLE PL

APPLE CREEK RD

6_212

6_213

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 49	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 08

PLOT DATE : 12/23/2024 2:07 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EROSION CONTROL LEGEND

- EROSION MAT CLASS I, TYPE A
- SLOPE INTERCEPT
- RIP RAP OR STONE DITCH CHECK
- SURFACE WATER FLOW

MID VALLEY DR

1450ESB 1455ESB IH 41 SB 1460ESB 1465ESB

1450ENB 1455ENB 1460ENB 1465ENB

IH 41 NB

FRENCH RD

5 5

MID VALLEY DR

1465ESB IH 41 SB 1470ESB 1475ESB 1480ESB

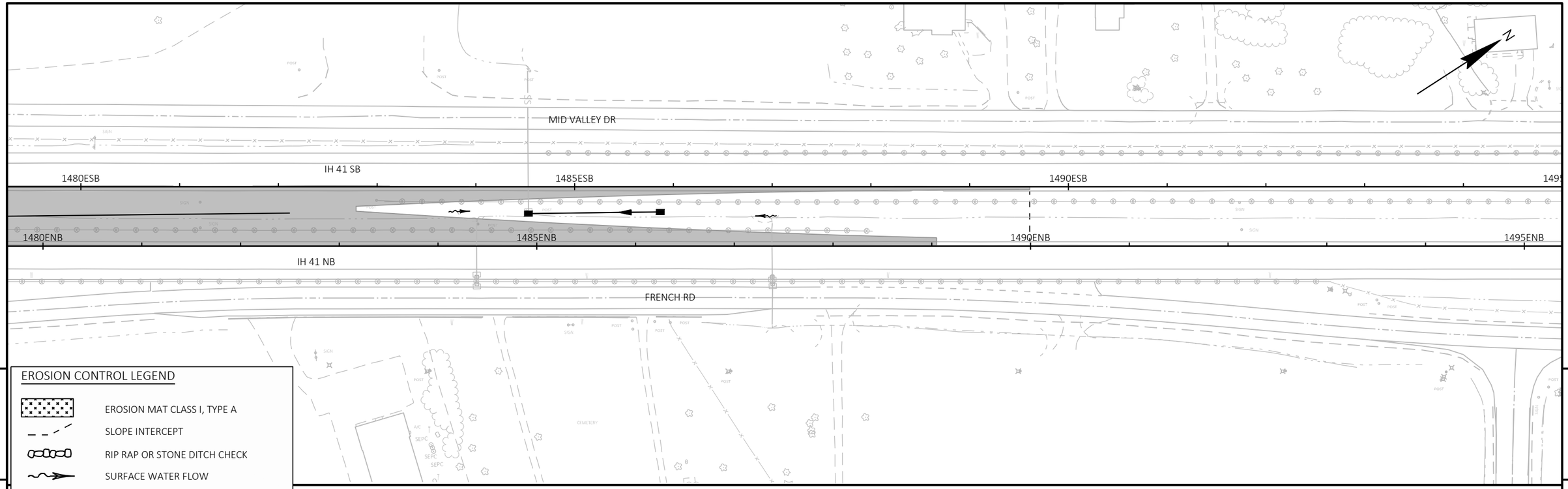
1465ENB 1470ENB 1475ENB 1480ENB

IH 41 NB

FRENCH DR

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 50	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 09
PLOT DATE : 12/23/2024 3:48 PM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL - PERMANENT	SHEET 51	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022001-EC-PERM.DWG
LAYOUT NAME - 10

PLOT DATE : 12/23/2024 3:52 PM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

LEGEND

- EROSION MAT CLASS I, TYPE A
- RIP RAP MEDIUM
- SELECT CRUSHED MATERIAL
- SLOPE INTERCEPT
- SURFACE WATER FLOW
- CULVERT PIPE CHECK
- INLET PROTECTION
- (AD) INSTALL INLET PROTECTION TYPE A AFTER STRUCTURE IS PLACED. INSTALL INLET PROTECTION TYPE D AFTER CURB & GUTTER IS PLACED.
- TEMPORARY DITCH CHECK

IH 41 NB

IH 41 SB

RAMP C

RAMP A

CTH U

SLOPE INTERCEPT (TYP.)

R/L 'USBT'

R/L 'UNBT'

122'USBT' 124'USBT' 126'USBT' 128'USBT'

122'UNBT' 124'UNBT' 126'UNBT' 128'UNBT'

AD

RIPRAP

SIGN

POST

TRAFFIC CAMERA

6985.66

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	EROSION CONTROL: CTH U	SHEET 52	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022000-EC-TEMP.DWG
LAYOUT NAME - 01

PLOT DATE : 10/22/2024 9:48 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

EXISTING R/W

KELSO RD

USH 41

R/L SB

IH 41 SB

1215

1220

CORE UNDERDRAIN INTO PROPOSED OR EXISTING INLET

EX 1

SLOPE INTERCEPT (TYP.)

RS_7

100D-S1

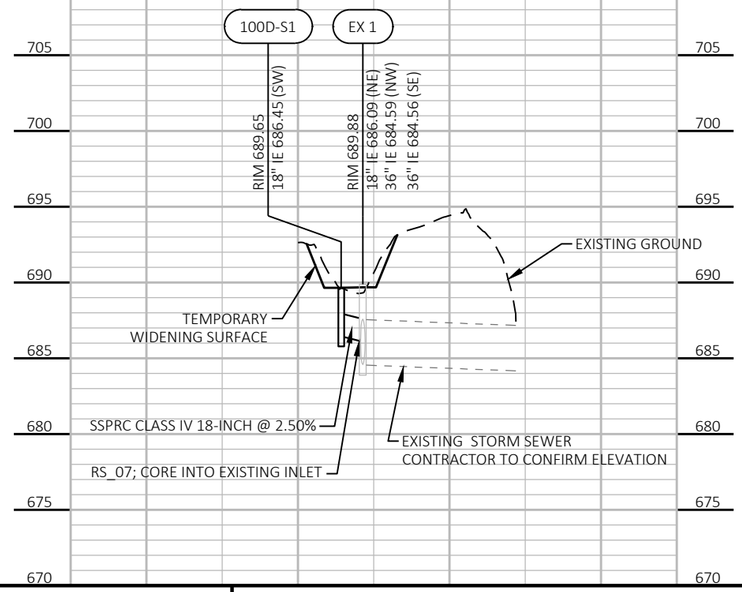
R/L NB

IH 41 NB

EXISTING R/W

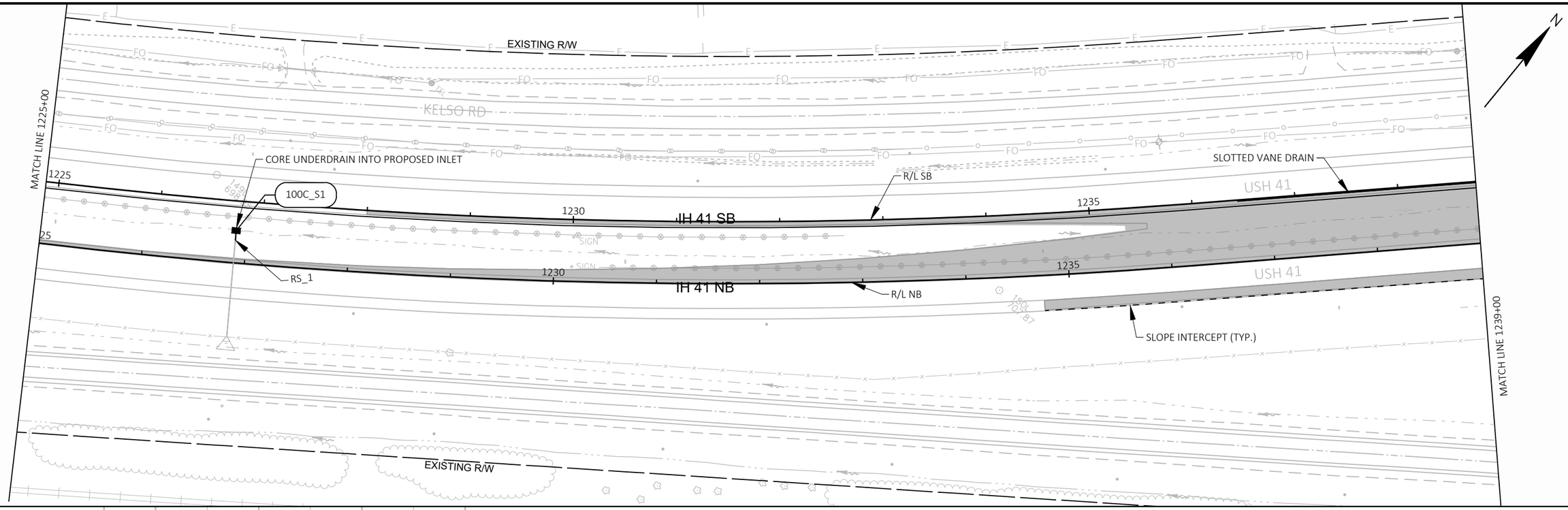
MATCH LINE 1225+00

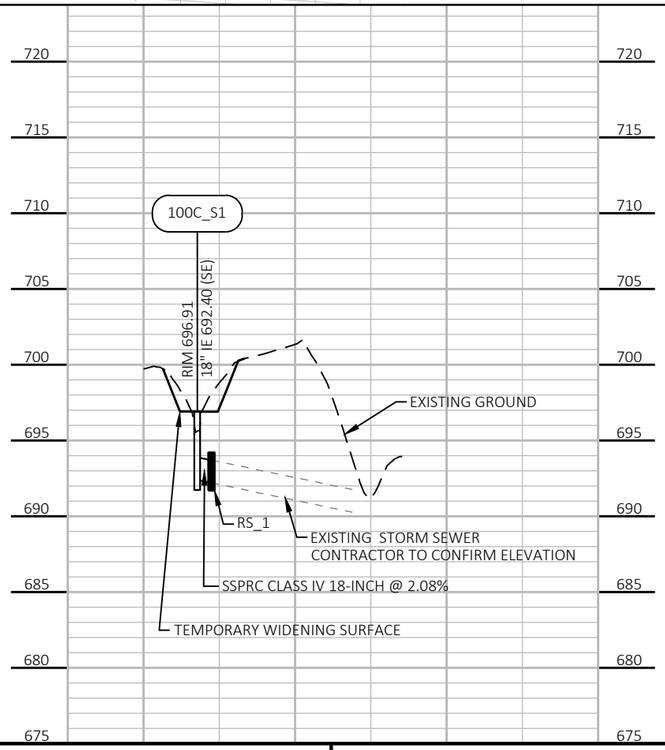
EXISTING R/W



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 53	E

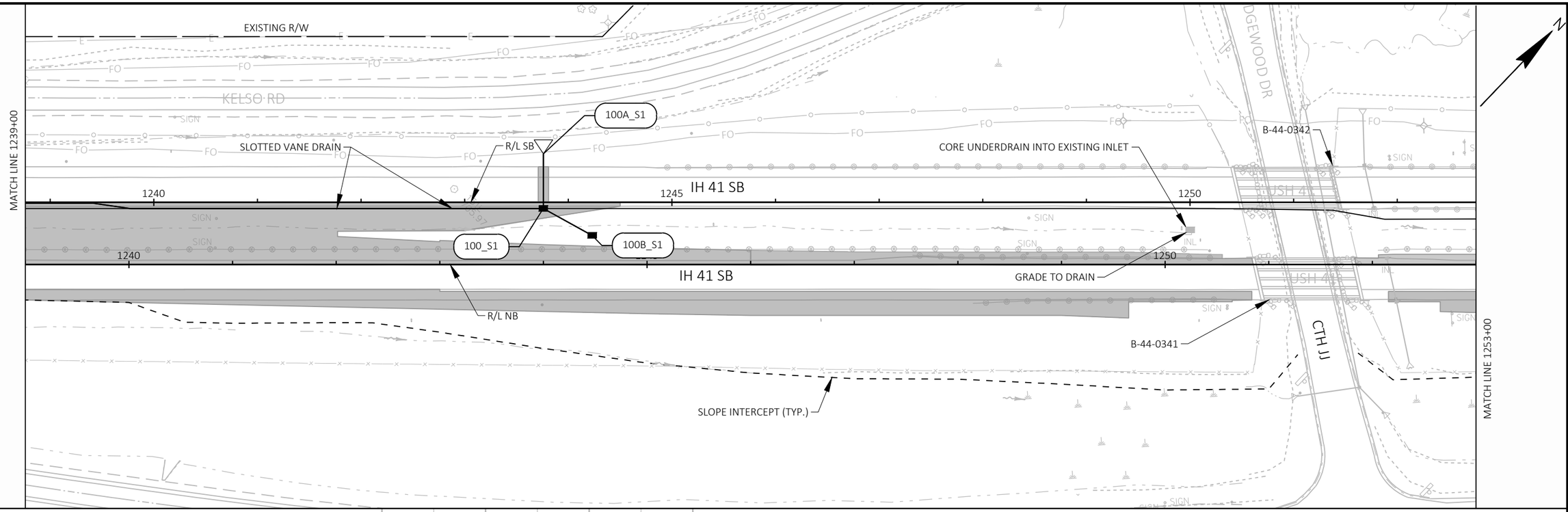
FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022501_SS.DWG
LAYOUT NAME - 001
PLOT DATE : 10/31/2024 5:37 PM PLOT BY : ELIZABETH REGIER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41

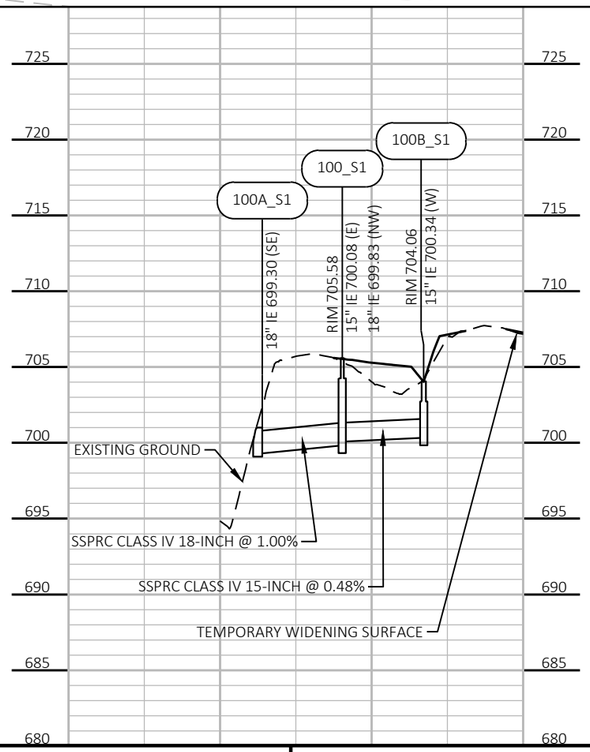




PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 54	E

FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022501_SS.DWG
LAYOUT NAME - 002
PLOT DATE : 12/19/2024 12:36 PM PLOT BY : ELIZABETH REGIER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41





PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	STORM SEWER PROFILE IH 41 - MAINLINE	SHEET 55	E

2

MATCH LINE 1253+00

MATCH LINE 1267+00

BODDE RD

IH 41 SB

IH 41 NB

1255

1260

1265

R/L SB

R/L NB

CORE UNDERDRAIN INTO EXISTING INLET

GRADE TO DRAIN

SLOPE INTERCEPT (TYP.)

RS_2

101_S1

710
705
700
695
690
685
680
675
670
665

TEMPORARY WIDENING SURFACE

EXISTING GROUND

101_S1

24" IE 683.66 (NW)

RS_2

EXISTING STORM SEWER
CONTRACTOR TO CONFIRM ELEVATION

SSPRC CLASS IV 24-INCH @ 1.27%

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 56	E

2

MATCH LINE 1267+00

EXISTING R/W

R/L SB

USH 41

1270

IH 41 SB

1275

1280

RS_13

103A_S2

RS_12

RS_3

102_S1

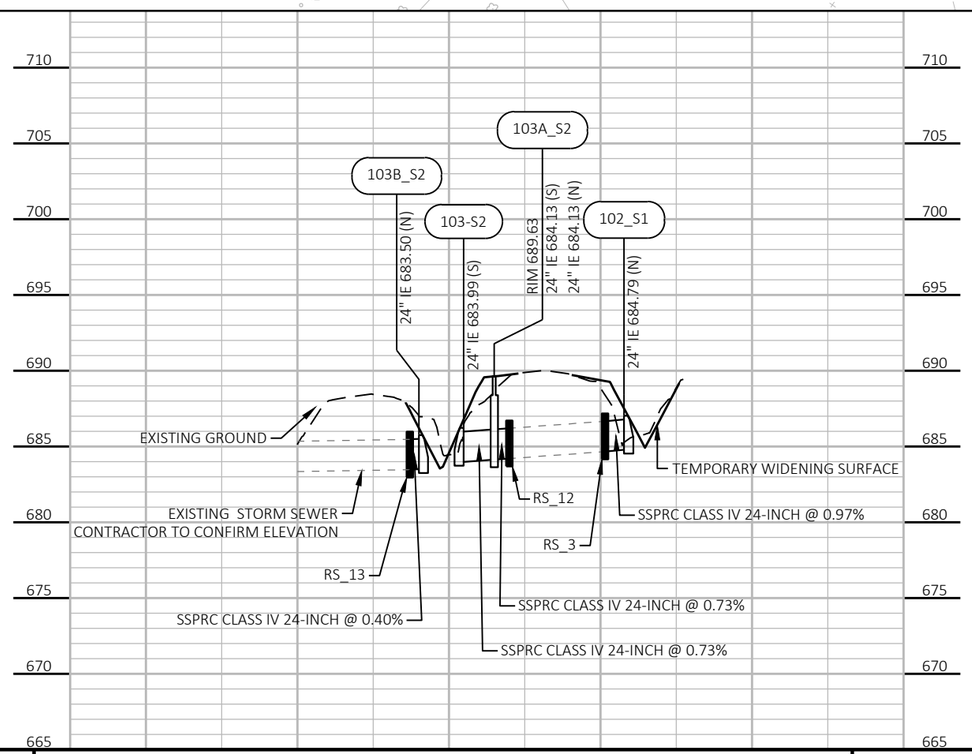
USH 41

IH 41 NB

R/L NB

SLOPE INTERCEPT (TYP)

EXISTING R/W

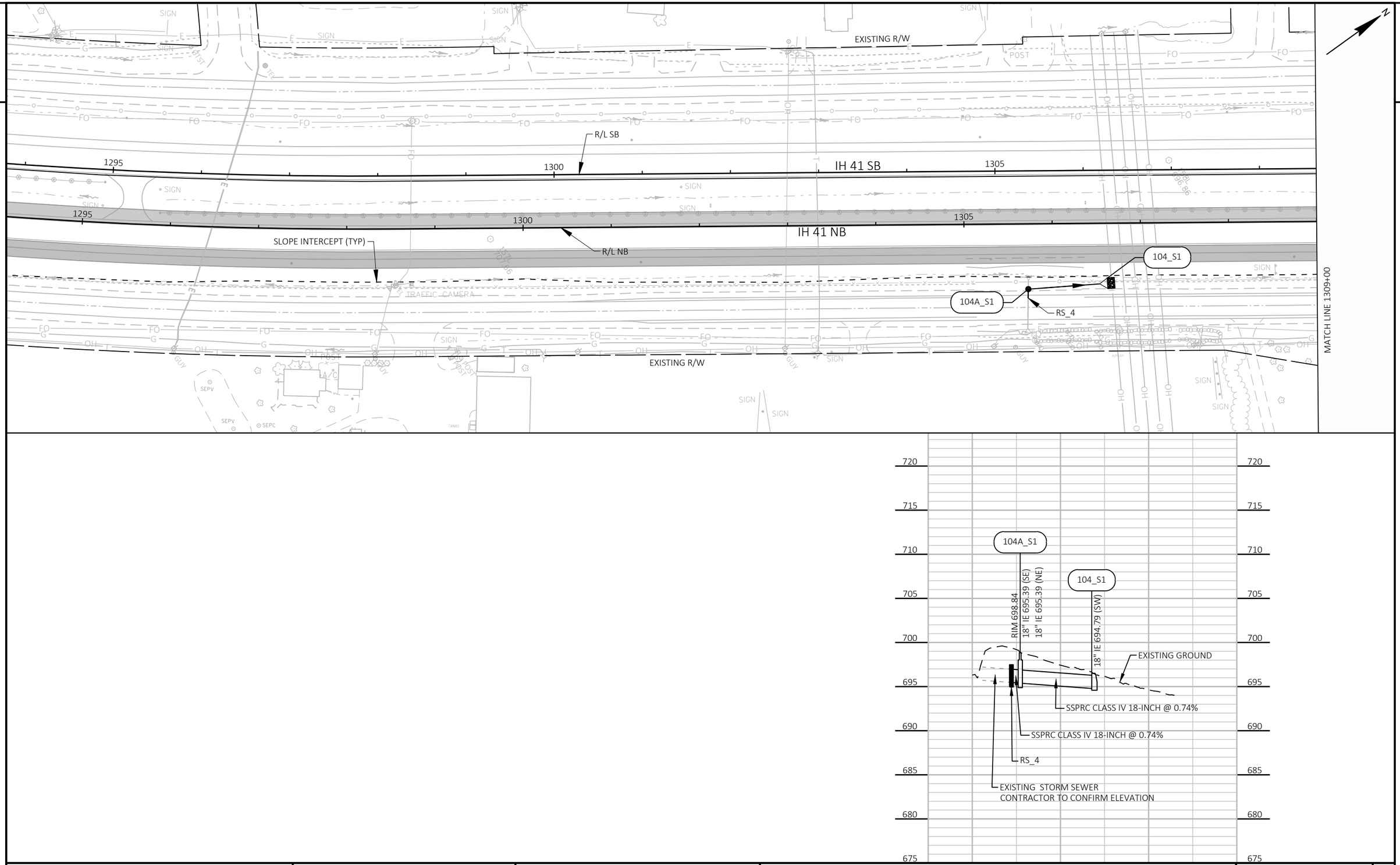


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 57	E

FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022501_SS.DWG
LAYOUT NAME - 005

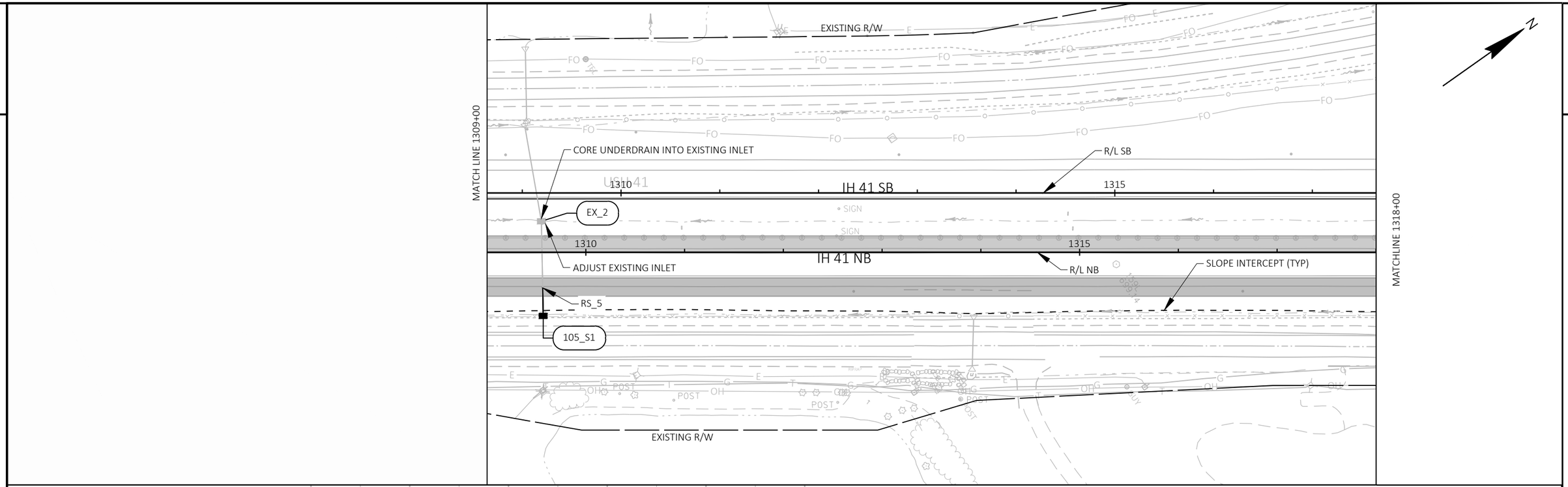
PLOT DATE : 10/31/2024 5:57 PM PLOT BY : ELIZABETH REGIER PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 41



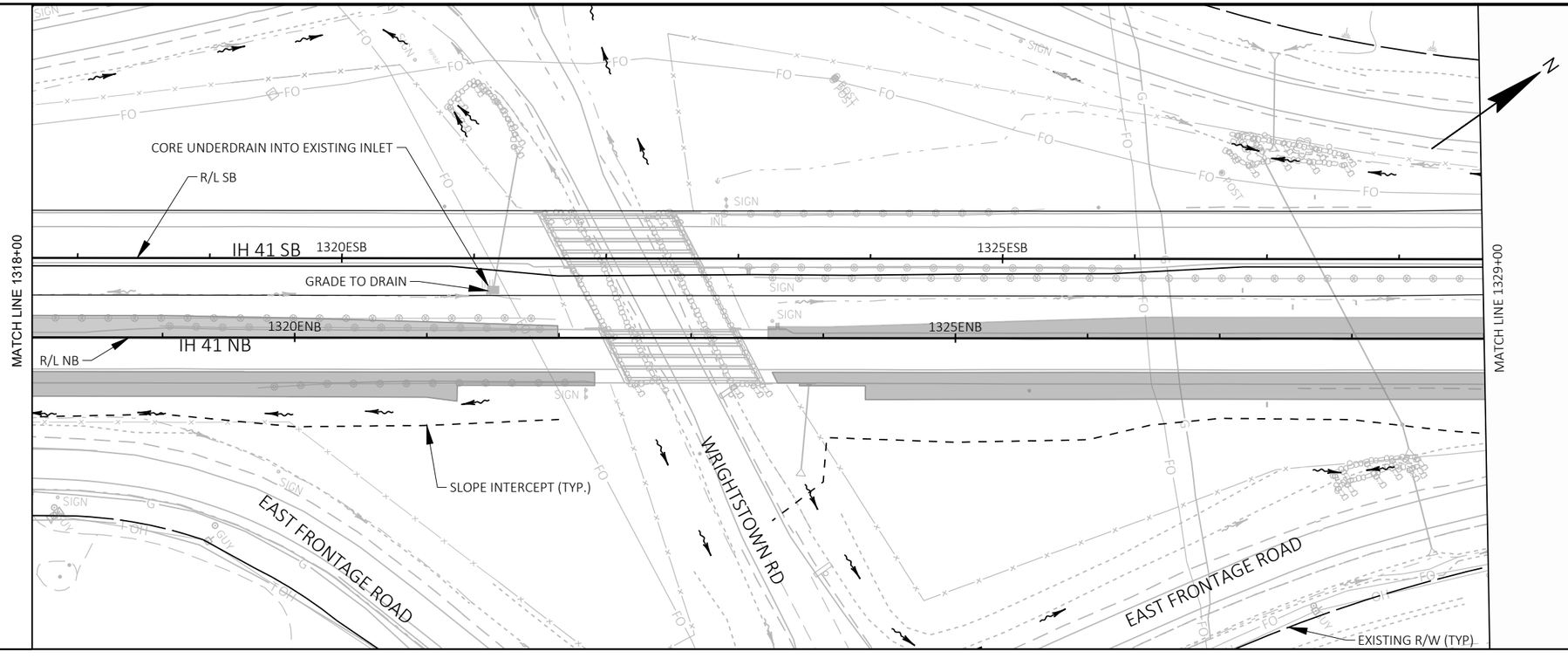
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 58	E

FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022501_SS.DWG
LAYOUT NAME - 007
PLOT DATE : 10/31/2024 6:01 PM
PLOT BY : ELIZABETH REGIER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 59	E

FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022501_SS.DWG
LAYOUT NAME - 008
PLOT DATE : 10/31/2024 6:04 PM PLOT BY : ELIZABETH REGIER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41

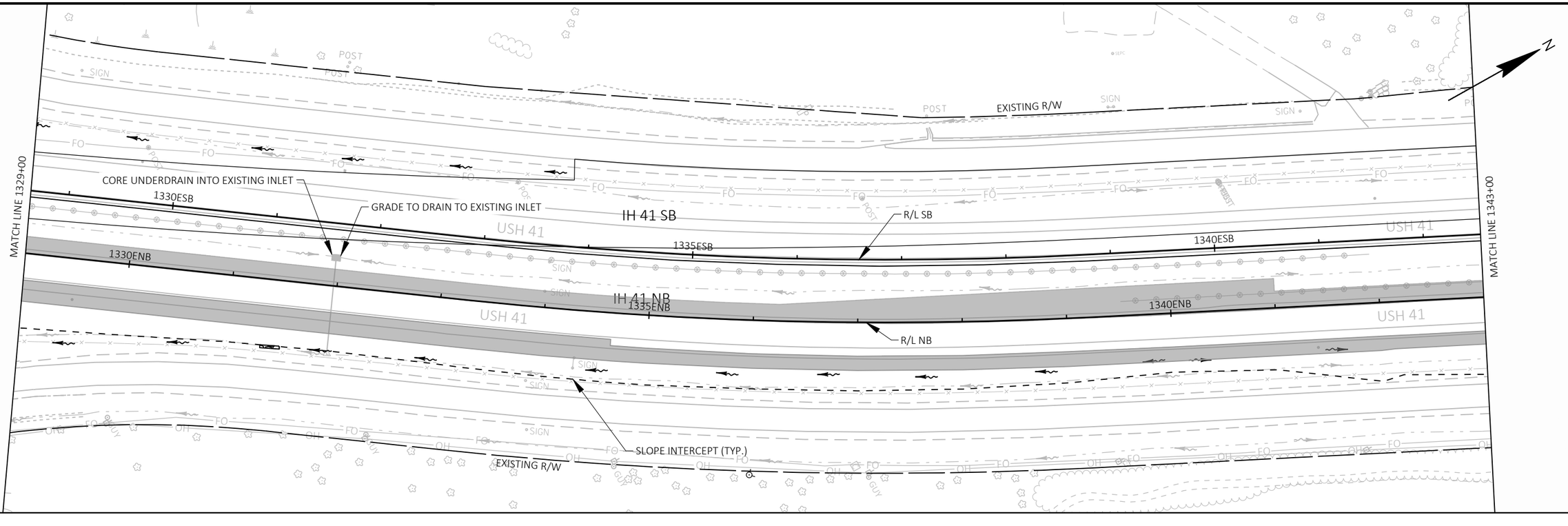


2

THIS PAGE HAS NO STORM SEWER PROFILES

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 60	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022502_SS.DWG
LAYOUT NAME - 001
PLOT DATE : 10/31/2024 3:54 PM PLOT BY : ANDREW PATEK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41



THIS PAGE HAS NO STORM SEWER PROFILES

PROJECT NO: 1130-67-72	HWY: #####	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 61	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022502_SS.DWG
LAYOUT NAME - 002

PLOT DATE : 10/31/2024 4:00 PM PLOT BY : ANDREW PATEK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 41

2

MATCH LINE 1343+00

EXISTING R/W

CORE UNDERDRAIN INTO EXISTING INLET

GRADE TO DRAIN TO EXISTING INLET

IH 41 SB

R/L SB

USH 41

1345ESB

1350ESB

1355ESB

IH 41 NB

1345ENB

1350ENB

1355ENB

RS_6

106_S1

R/L NB

USH 41

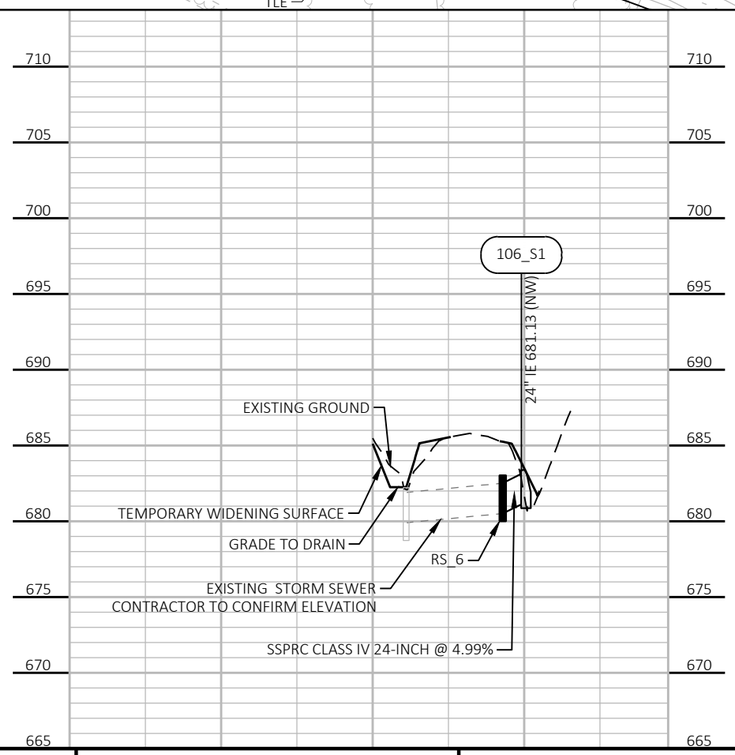
SLOPE INTERCEPT (TYP)

EXISTING R/W

EAST FRONTAGE RD.

EXISTING R/W

TLE

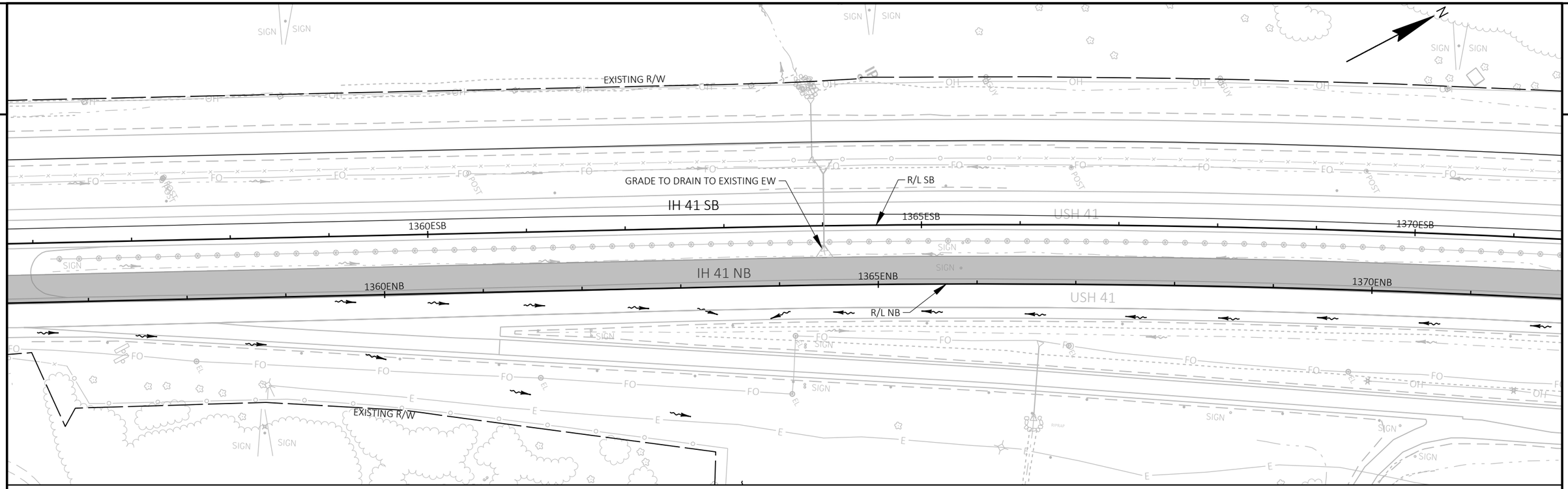


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 62	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022502_SS.DWG
LAYOUT NAME - 003

PLOT DATE : 10/31/2024 4:03 PM PLOT BY : ANDREW PATEK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 41



THIS PAGE HAS NO STORM SEWER PROFILES

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 63	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022502_SS.DWG
LAYOUT NAME - 004
PLOT DATE : 10/31/2024 4:07 PM
PLOT BY : ANDREW PATEK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41

2

EXISTING R/W

CORE UNDERDRAIN INTO EXISTING INLET

IH 41 SB

R/L SB

USH 41

110_S2

112_S2

1395ESB

1385ESB

GRADE TO DRAIN

1390ESB

EX_4

CORE UNDERDRAIN INTO EXISTING INLET

R/L NB

GRADE TO DRAIN

1395ENB

1385ENB

1390ENB

IH 41 NB

USH 41

111_S2

113_S2

PLUG END OF PIPE AT STA 1393SB+93.26

107_S1

RS_08

109_S1

MATCH LINE 1399+00

108_S1

RS_09

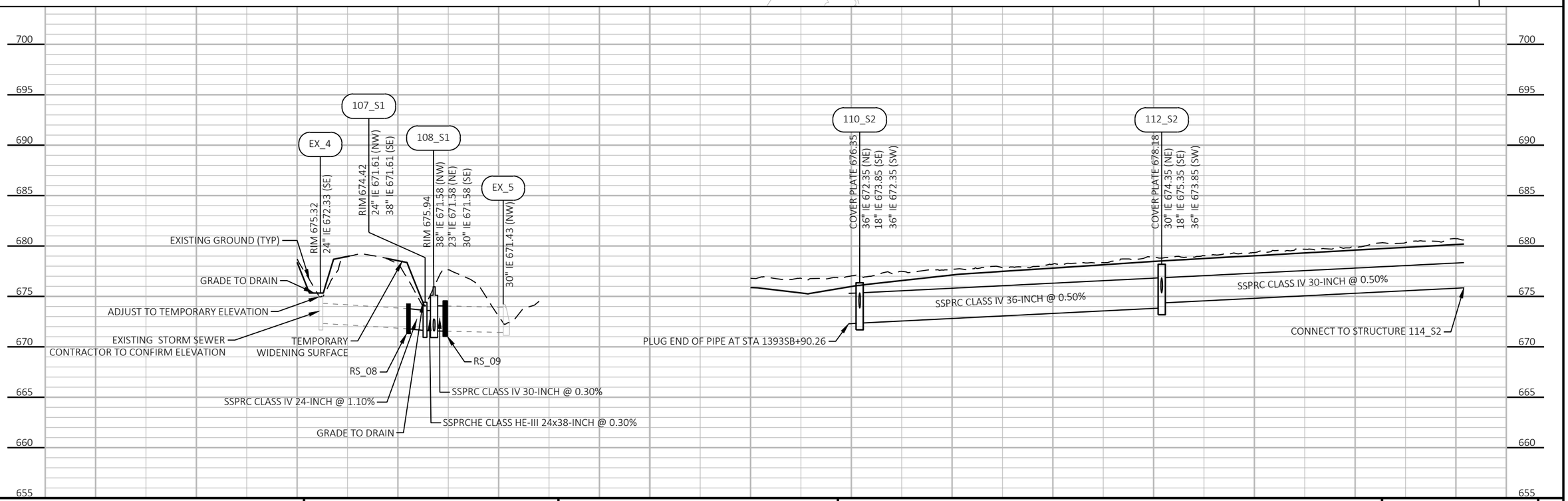
SLOPE INTERCEPT (TYP.)

EX_6

ADJUST EXISTING INLET TO TEMPORARY ELEVATION

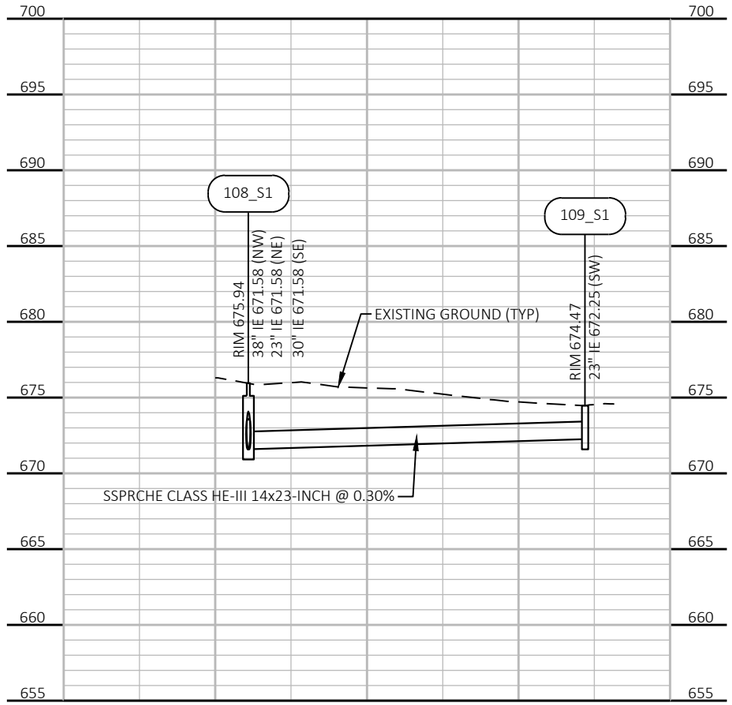
EX_5

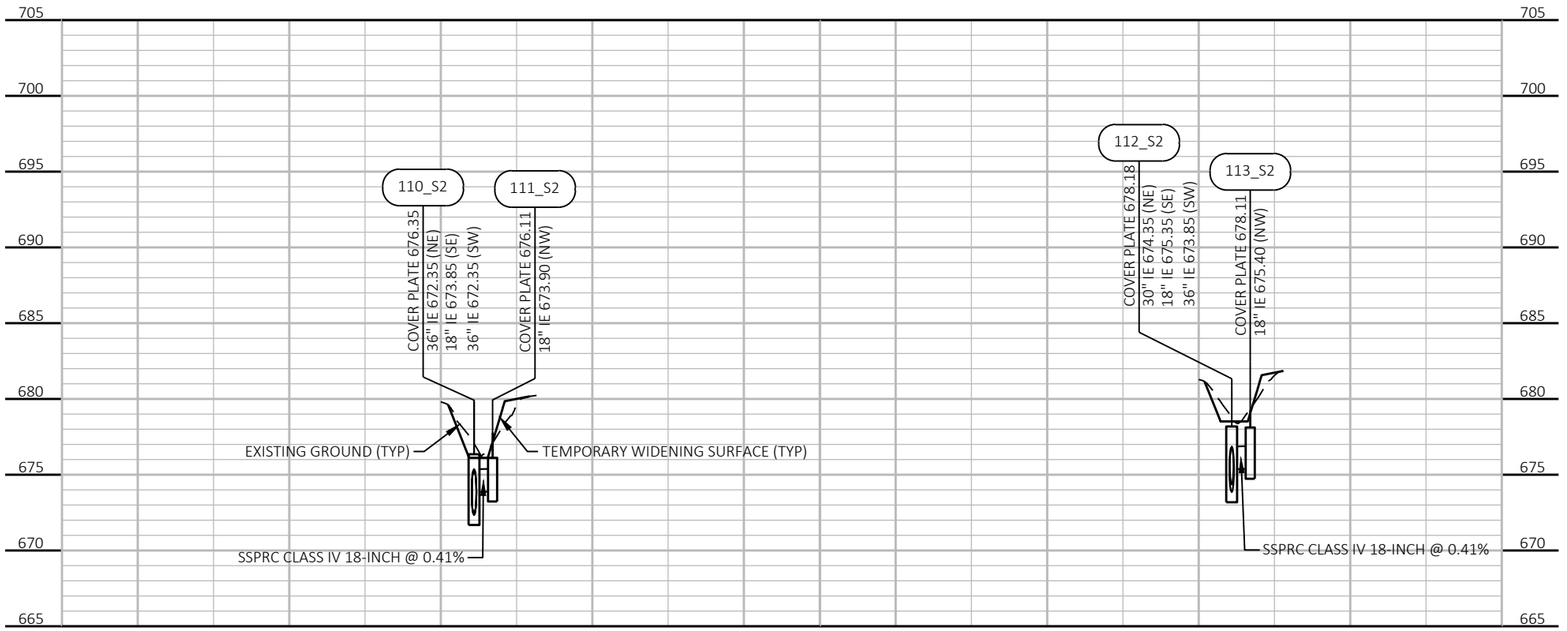
EXISTING R/W



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 64	E

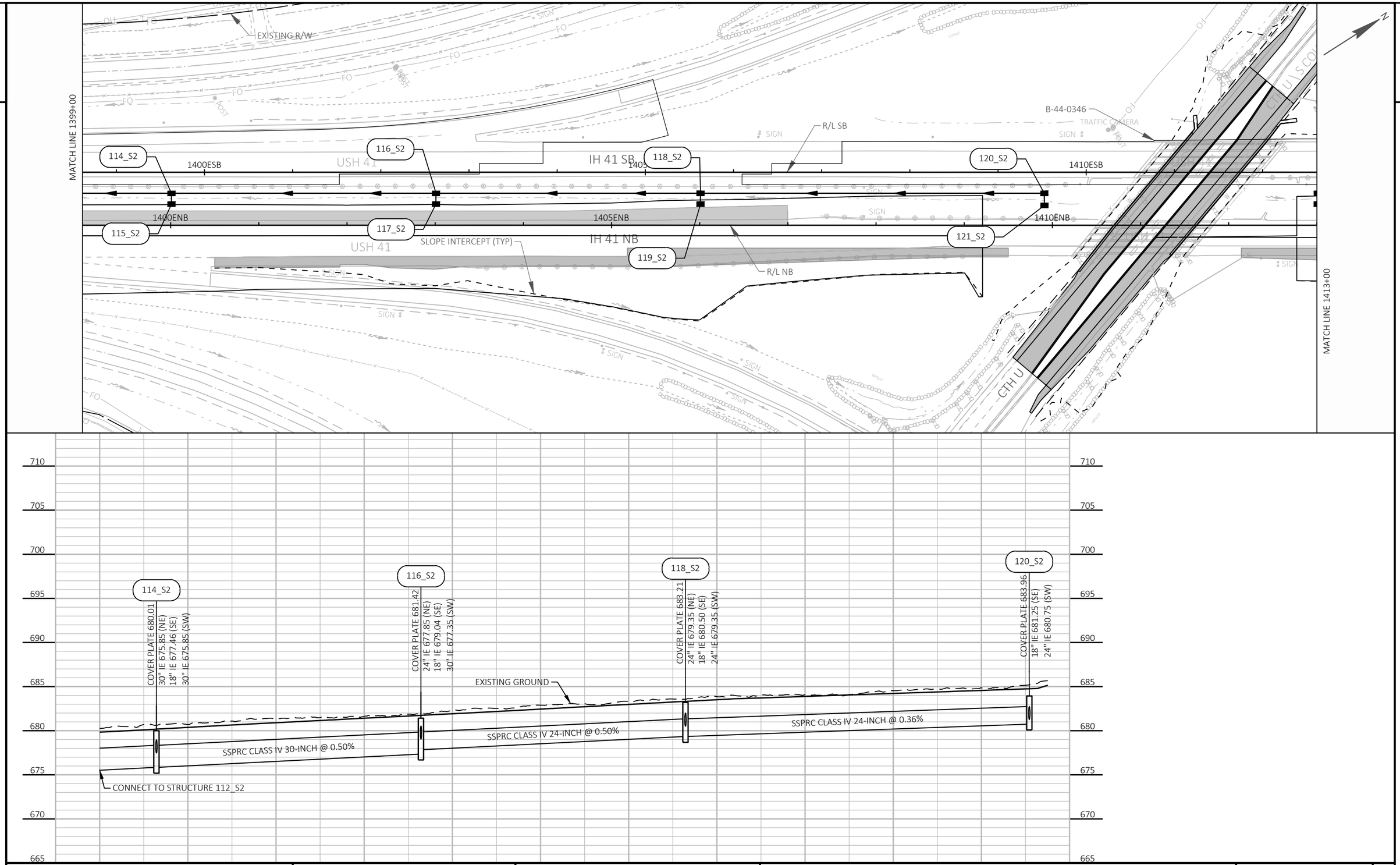
FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 006
PLOT DATE : 10/31/2024 5:38 PM
PLOT BY : ANDREW PATEK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41





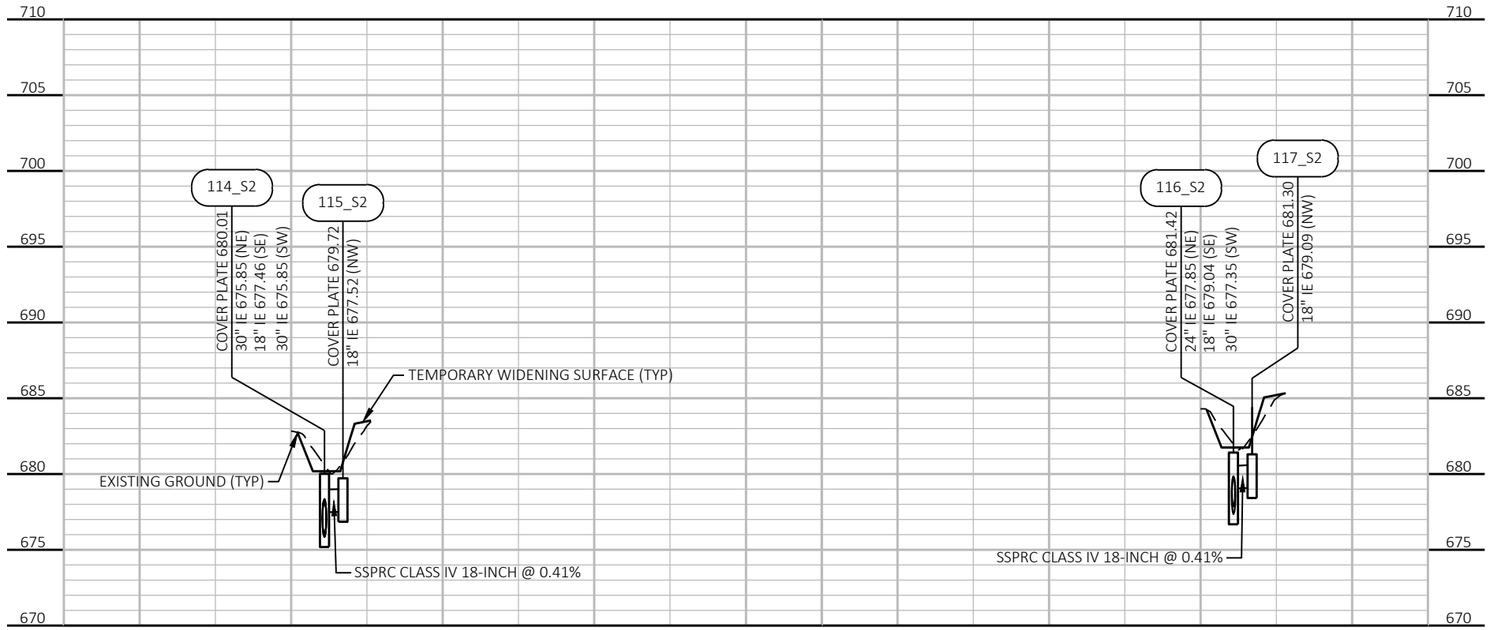
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PROFILE IH 41 - MAINLINE	SHEET 65	E

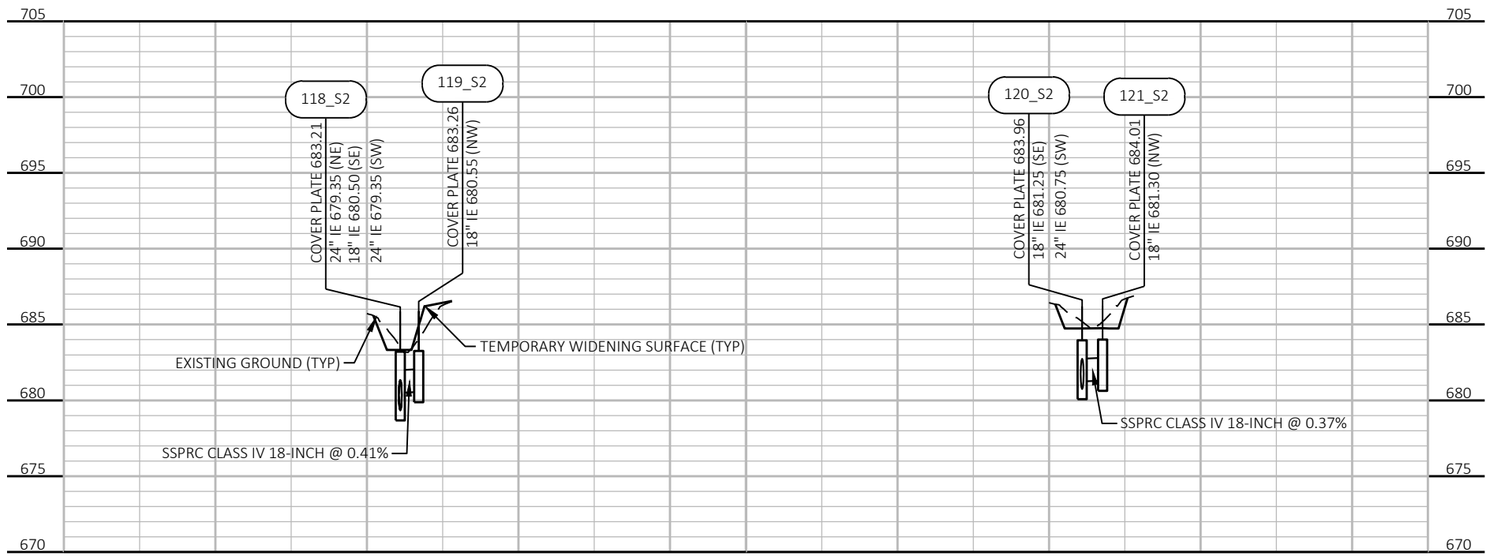
FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 006 (1)
PLOT DATE : 10/31/2024 5:39 PM
PLOT BY : ANDREW PATEK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 66	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 007
PLOT DATE : 10/31/2024 5:42 PM
PLOT BY : ANDREW PATEK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41





PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PROFILE IH 41 - MAINLINE	SHEET 67	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 007 (1)
PLOT DATE : 10/31/2024 5:44 PM PLOT BY : ANDREW PATEK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

MATCH LINE 1413+00

MATCH LINE 1427+88.45

MID-VALLEY DR.

IH 41 SB

IH 41 NB

USH 41

FRENCH RD

EXISTING R/W

PLUG END OF PIPE AT STA 1427SB+85.79

CORE UNDERDRAIN INTO EXISTING INLET

GRADE TO DRAIN

SLOPE INTERCEPT (TYP.)

R/L SB

R/L NB

1415ESB

1420ESB

1425ESB

1420ENB

1425ENB

122_S2

123_S2

124_S2

125_S2

126_S2

127_S2

128_S2

129_S2

130_S2

130A_S2

131_S2

132_S2

133_S2

122_S2
COVER PLATE 682.00
18" IE 679.22 (SE)
24" IE 678.72 (NE)

124_S2
COVER PLATE 680.37
24" IE 677.04 (SW)
18" IE 677.54 (SE)
24" IE 677.04 (NE)

126_S2
COVER PLATE 678.23
18" IE 675.48 (SE)
24" IE 674.98 (SW)
24" IE 674.98 (NE)

128_S2
COVER PLATE 673.92
18" IE 670.94 (SE)
24" IE 670.44 (SW)
30" IE 669.94 (NE)

130_S2
COVER PLATE 668.24
18" IE 665.44 (SE)
30" IE 664.44 (SW)
30" IE 664.44 (NE)

132_S2
COVER PLATE 661.50
18" IE 658.70 (SE)
30" IE 657.70 (SW)
30" IE 657.70 (NE)

EXISTING GROUND

SSPRC CLASS IV 24-INCH @ 0.75%

SSPRC CLASS IV 24-INCH @ 1.03%

SSPRC CLASS IV 24-INCH @ 1.65%

SSPRC CLASS IV 30-INCH @ 2.00%

SSPRC CLASS IV 30-INCH @ 2.45%

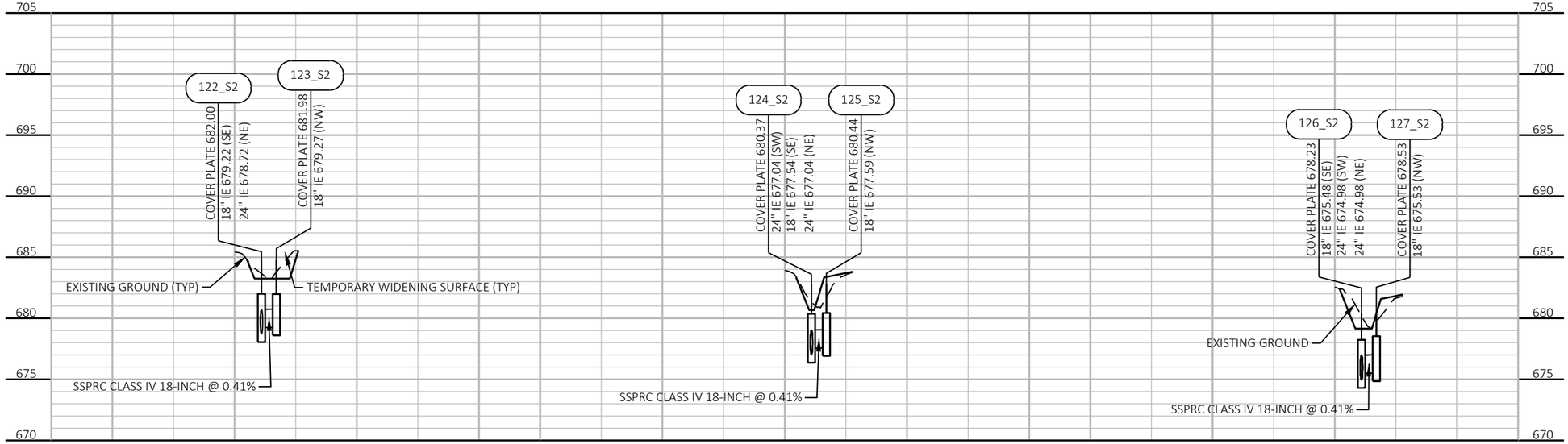
SSPRC CLASS IV 30-INCH @ 2.60%

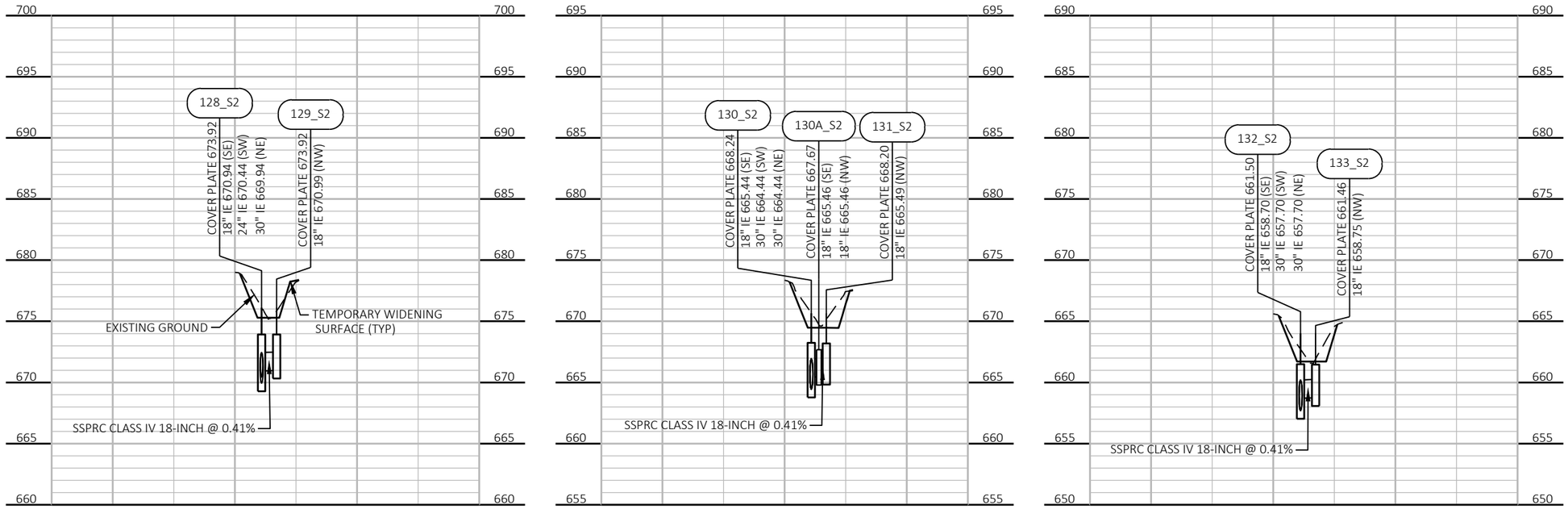
PLUG END OF PIPE AT STA 1427SB+85.79

695 690 685 680 675 670 665 660 655 650

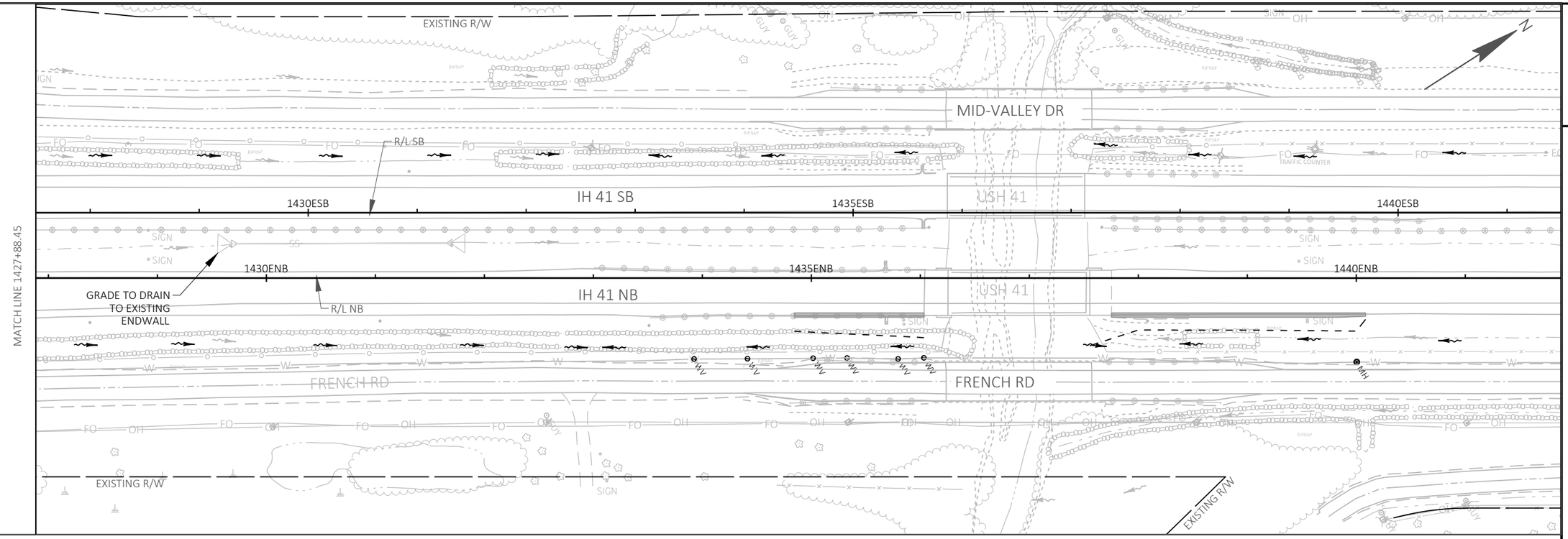
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 68	E

FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 008
PLOT DATE : 12/19/2024 12:52 PM
PLOT BY : ELIZABETH REGIER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41





PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PROFILE IH 41 - MAINLINE	SHEET 69	E



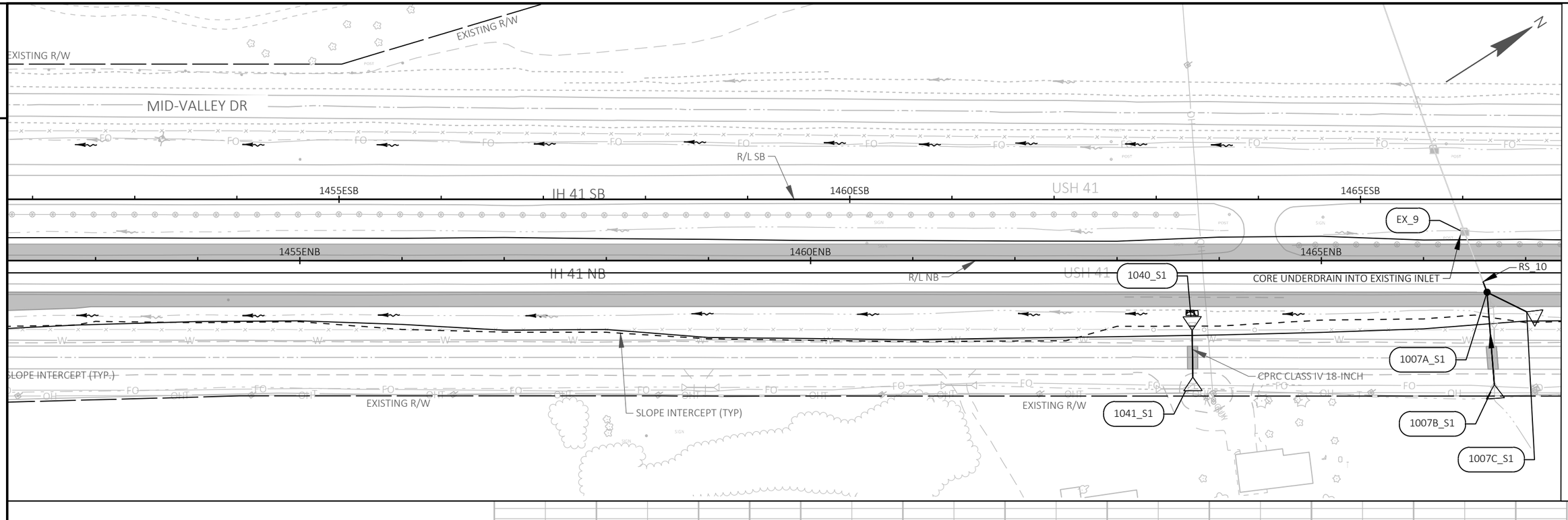
THIS PAGE HAS NO STORM SEWER PROFILES

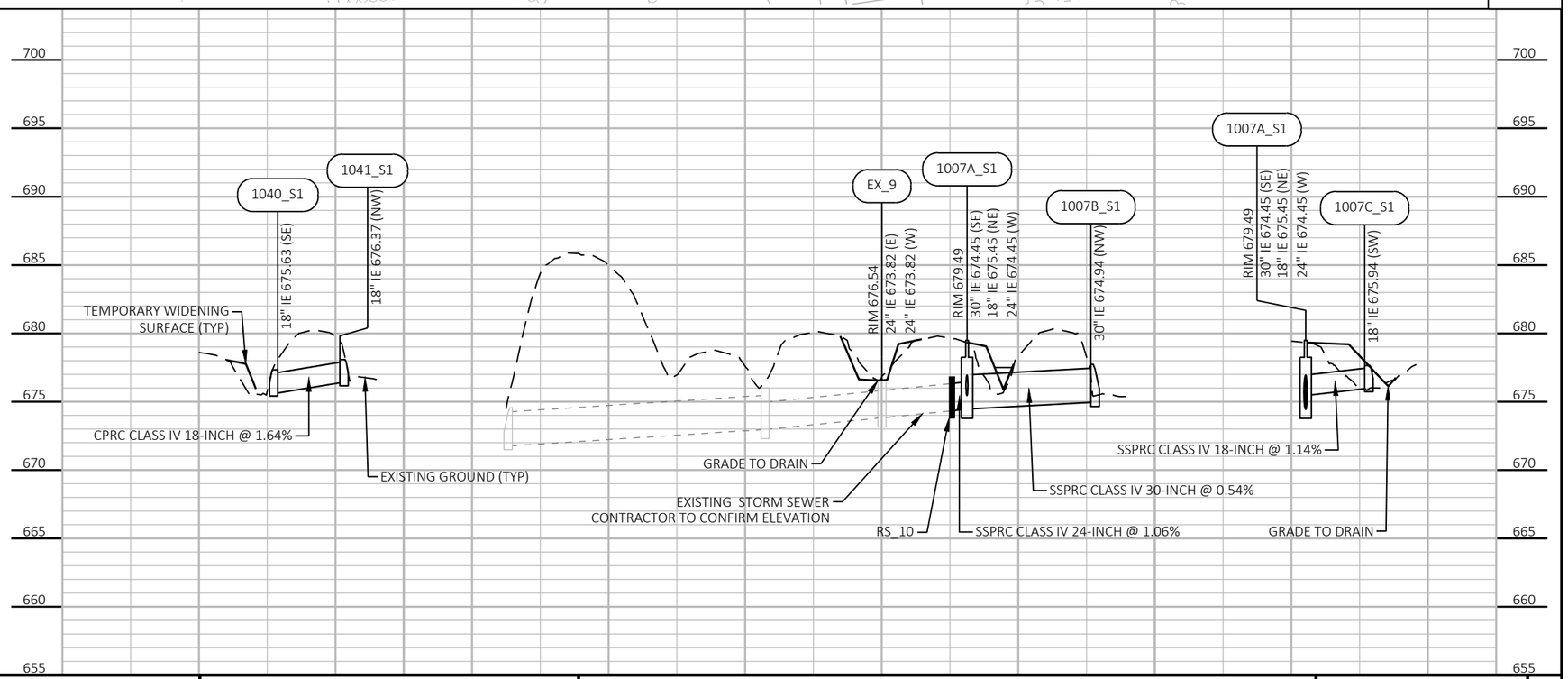
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 70	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 009

PLOT DATE : 10/31/2024 5:53 PM PLOT BY : ANDREW PATEK PLOT NAME : PLOT SCALE : 1 IN:100 FT

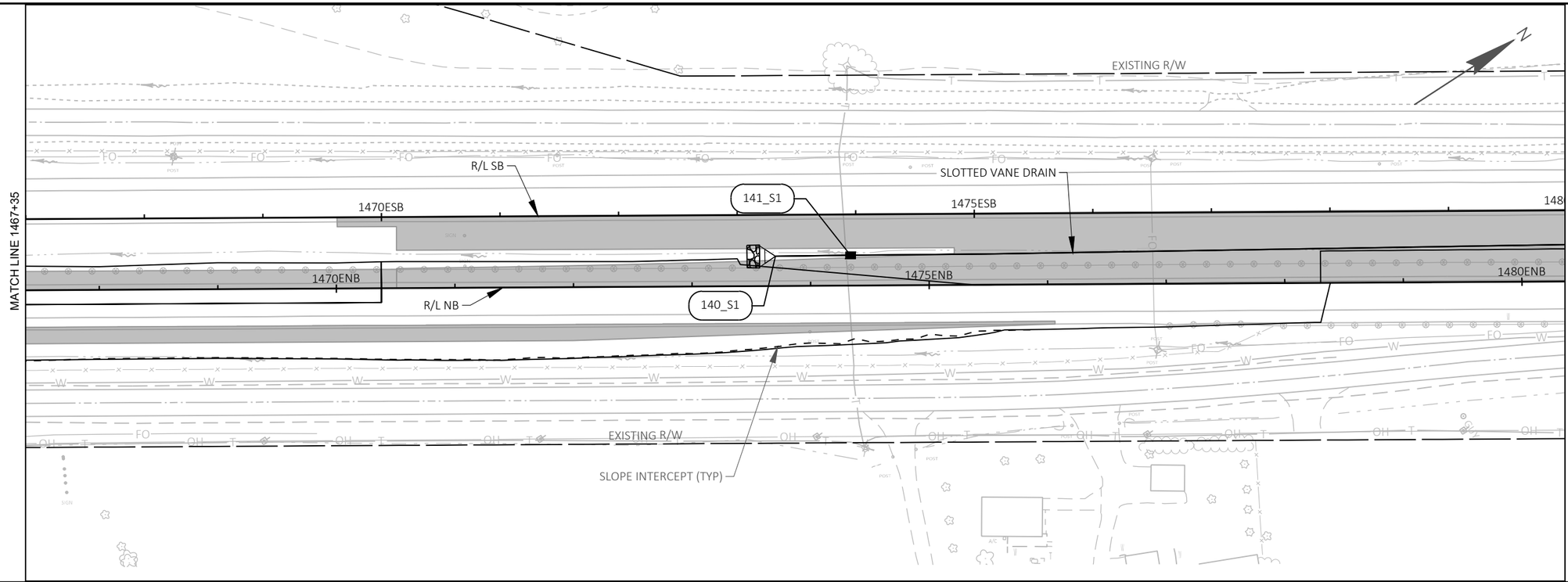
WISDOT/CADDS SHEET 41

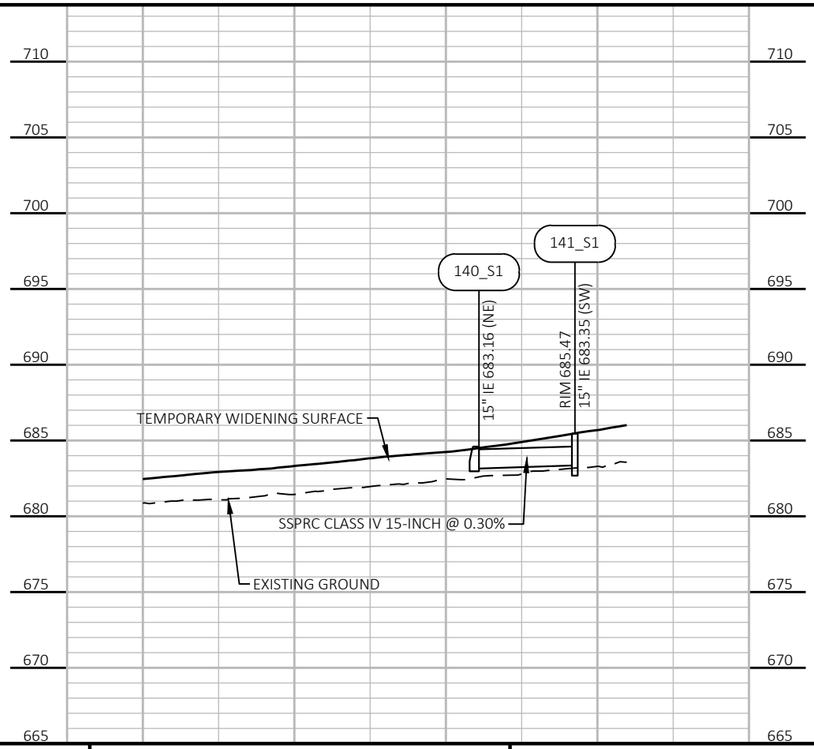




PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 71	E

FILE NAME : C:\USERS\EREGIER\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 011
PLOT DATE : 12/19/2024 4:35 PM
PLOT BY : ELIZABETH REGIER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 41

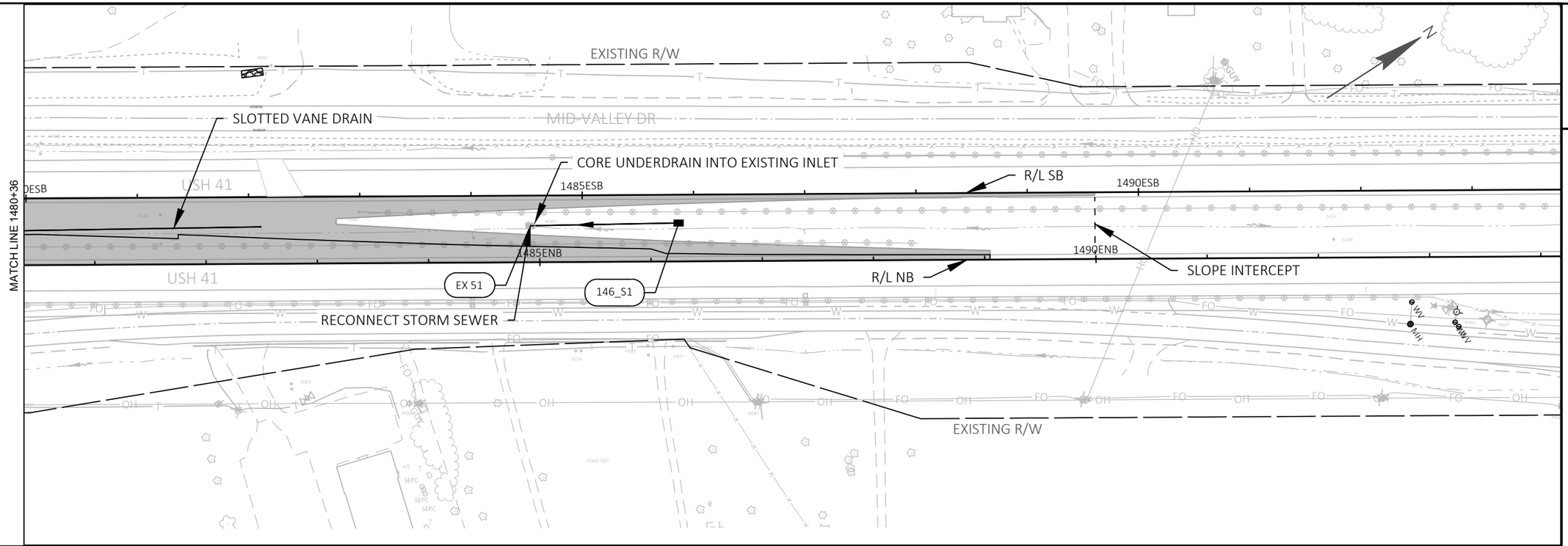


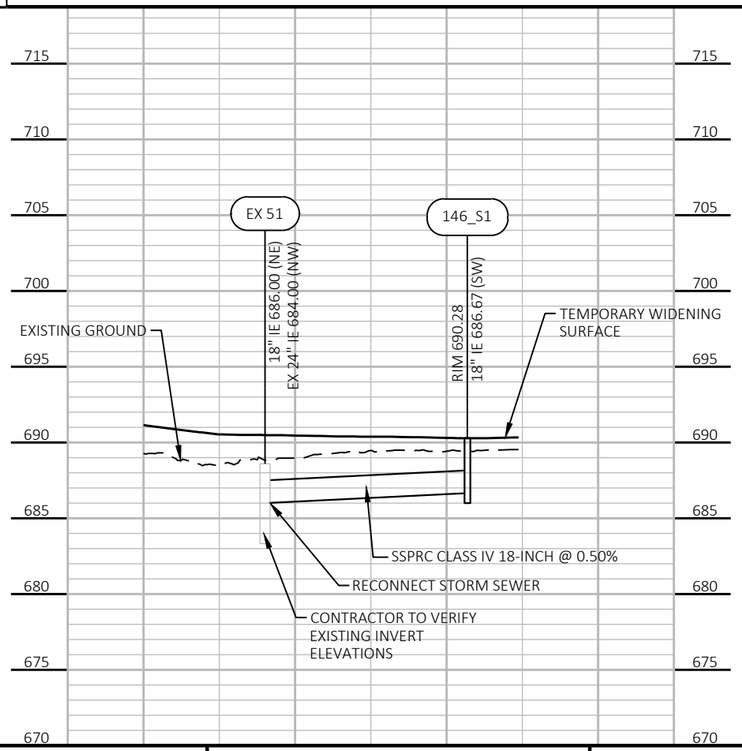


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 72	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 012
PLOT DATE : 12/20/2024 10:34 AM PLOT BY : ANDREW PATEK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2





PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER PLAN AND PROFILE IH 41 - MAINLINE	SHEET 73	E

FILE NAME : C:\USERS\APATEK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\022503_SS.DWG
LAYOUT NAME - 013
PLOT DATE : 12/20/2024 10:44 AM PLOT BY : ANDREW PATEK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2

2

N

IH 41 NB

IH 41 SB

RAMP B

RAMP C

RAMP A

CTH U

RIPRAP

SIGN

TRAFFIC CAMERA

FIBER OPTIC

100 STA 123+67.40, 20.28' LT
RECONSTRUCT MANHOLE
EXISTING CASTING ELEV = 664.94
PROPOSED CASTING ELEV = 664.83

101 STA 125+44.16, 25.53' LT
INLETS 2x3-H-S
RIM ELEV = 663.14
CONNECTING PROPOSED SSPRC 12-INCH CLASS IV
7 LF @ 1.00% TO EXISTING 36-INCH SSPRC
INVERTS: 659.38 - 659.31
STORM SEWER TAP - 1.00' ABOVE EXISTING INVERT
SEE STORM SEWER TAP DETAIL

102 STA 126+66.05, 18.14' LT
RECONSTRUCT MANHOLE
EXISTING CASTING ELEV = 663.57
PROPOSED CASTING ELEV = 663.60

103 STA 124+87.97, 19.21' RT
RECONSTRUCT MANHOLE
EXISTING CASTING ELEV = 664.50
PROPOSED CASTING ELEV = 663.64

104 STA 125+57.84, 25.53' RT
INLETS 2x3-H-S
RIM ELEV = 663.16
CONNECTING PROPOSED SSPRC 12-INCH CLASS IV
7 LF @ 1.00% TO EXISTING 36-INCH SSPRC
INVERTS: 658.27 - 658.20
STORM SEWER TAP - 1.00' ABOVE EXISTING INVERT
SEE STORM SEWER TAP DETAIL

105 STA 127+42.34, 17.72' RT
RECONSTRUCT MANHOLE
EXISTING CASTING ELEV = 663.75
PROPOSED CASTING ELEV = 663.46

122'USBT' 124'USBT' STORM SEWER TAP 126'USBT' R/L 'USBT' 128'USBT'

122'UNBT' 124'UNBT' 126'UNBT' 128'UNBT'

STORM SEWER TAP R/L 'UNBT'

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	STORM SEWER: CTH U	SHEET 74	E

2

N

MOVING SIGNS TYPE II
MOVING SMALL SIGN SUPPORTS
STA 124'USBT'+10 TO APPROX. STA 123'USBT'+49

MOVING SIGNS TYPE II
MOVING SMALL SIGN SUPPORTS
STA 123'USBT'+50 TO APPROX. STA 123'USBT'+40

MOVING SIGNS TYPE II
MOVING SMALL SIGN SUPPORTS
STA 124'USBT'+37 TO APPROX. STA 124'USBT'+24

'USBT'+45.09
12.01' LT

'USBT'+70.98
12.00' LT

'USBT'+64
24.33' LT

122'USBT'
124'USBT'
126'USBT'
128'USBT'
CTH U / S COUNTY LINE ROAD

122'UNBT'
124'UNBT'
126'UNBT'
128'UNBT'
CTH U \ S COUNTY LINE RD

12'
12'
11'

'UNBT'+96.45
12.00' RT

'UNBT'+96.08
37.12' RT

'USBT'+00
31.98' RT

MOVING SIGNS TYPE II
MOVING SMALL SIGN SUPPORTS
STA 124'UNBT'+84 TO APPROX. STA 124'UNBT'+35

MOVING SIGNS TYPE II
MOVING SMALL SIGN SUPPORTS
STA 127'UNBT'+04 TO APPROX. STA 127'UNBT'+63

MOVING SIGNS TYPE II
MOVING SMALL SIGN SUPPORTS
STA 126'UNBT'+63 TO APPROX. STA 126'UNBT'+73

01

RAMP A

RAMP C

RIPRAP

SIGN

TRAFFIC CAMERA

POST

USH 41

SIGNING LEGEND

EXISTING SIGN MOUNTED ON WOOD POST(S)

PAVEMENT MARKING LEGEND

01 MARKING LINE EPOXY 6-INCH (WHITE)

NOTE:

THE REMOVAL AND REINSTALL, REQUIRED TO COMPLETE MOVING SIGNS AND SUPPORTS, MAY NOT OCCUR AT THE SAME TIME. STORE AND PROTECT SIGNS & SUPPORTS UNTIL REINSTALLING WILL NOT CONFLICT WITH OTHER WORK.

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	SIGNING & PAVEMENT MARKING - CTH U	SHEET 75	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\023201-PS.DWG
LAYOUT NAME - 01
PLOT DATE : 10/23/2024 7:34 AM
PLOT BY : BARTZ, JEREMY P
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

CONSTRUCTION STAGING 1130-67-71

STAGE 1

MAINTENANCE OF TRAFFIC

- IH 41 NB DAYTIME: NO LANES CLOSED. ALL NB TRAFFIC USES TWO (2) EXISTING LANES.
- IH 41 SB DAYTIME: NO LANES CLOSED. ALL SB TRAFFIC USES TWO (2) EXISTING LANES.
- IH 41 NB/SB NIGHTTIME (CROSSOVER): SINGLE INSIDE LANE CLOSURES. ALL TRAFFIC USES ONE (1) EXISTING OUTSIDE LANES.
- IH 41 NB NIGHTTIME (WIDENING): SINGLE OUTSIDE LANE CLOSURE. ALL TRAFFIC USES ONE (1) EXISTING INSIDE LANE.
- IH 41 SB FULL OVERNIGHT CLOSURE(S) AS NEEDED FOR STORM SEWER WORK (SEE DETOUR PLANS)

CONSTRUCTION TO BE COMPLETED

- TWO (2) MEDIAN CROSSOVERS WITH EBS (PAID FOR AS EXCAVATION COMMON).
- NB OUTSIDE TEMPORARY WIDENING.

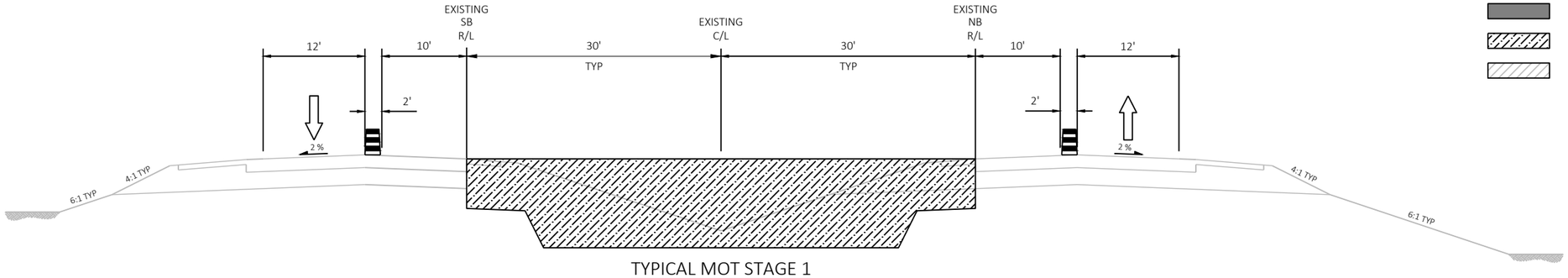
* TEMP BARRIER PLACED IN PREPARATION FOR STAGE 2.

** 1.5-FT OFFSET DUE TO EXISTING RUMBLE STRIPS.

+ TEMP BARRIER PINNED ACROSS STRUCTURES ONLY.

LEGEND

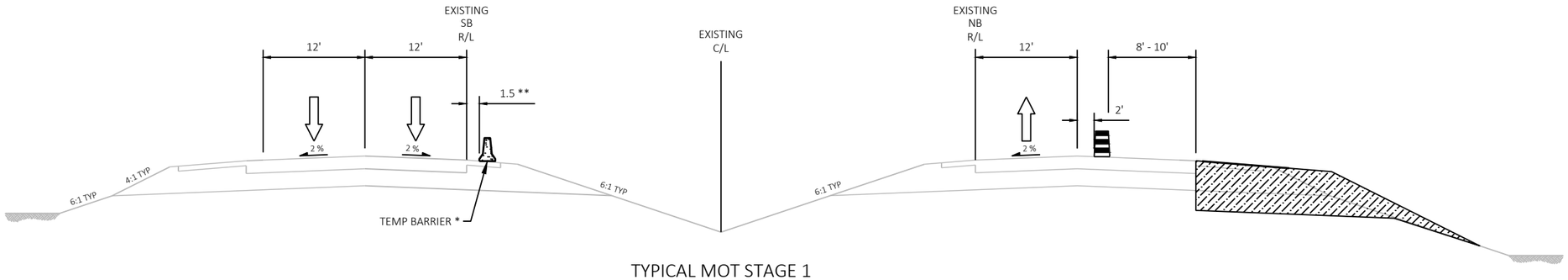
- TEMPORARY PAVEMENT
- WORK ZONE
- FINISHED CONSTRUCTION



TYPICAL MOT STAGE 1
MEDIAN CROSSOVER & EBS
IH 41 SINGLE LANE NIGHTTIME CLOSURES

STA 1222'ESB'+00.00 TO STA 1245'ESB'+75.91
STA 1470'ESB'+12.55 TO STA 1489'ESB'+60.85

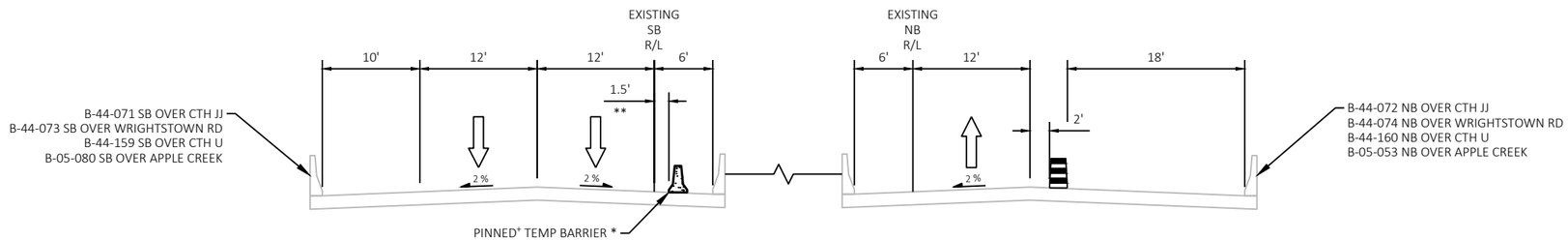
STA 1223'ENB'+00.00 TO STA 1246'ENB'+00.00
STA 1470'ENB'+50.95 TO STA 1489'ENB'+04.79



TYPICAL MOT STAGE 1
IH 41 NB OUTSIDE TEMPORARY WIDENING
IH 41 NB SINGLE LANE NIGHTTIME CLOSURE

STA 1234'ENB'+70.04 TO STA 1250'ENB'+92.73
STA 1251'ENB'+89.42 TO STA 1322'ENB'+49.77
STA 1323'ENB'+50.61 TO STA 1349'ENB'+57.46
STA 1381'ENB'+47.65 TO STA 1398'ENB'+56.40
STA 1400'ENB'+44.41 TO STA 1409'ENB'+15.84

STA 1412'ENB'+27.37 TO STA 1418'ENB'+00.35
STA 1432'ENB'+23.92 TO STA 1436'ENB'+03.58
STA 1437'ENB'+55.44 TO STA 1441'ENB'+55.51
STA 1447'ENB'+63.56 TO STA 1478'ENB'+30.17



TYPICAL MOT STAGE 1
IH 41 STRUCTURES
IH 41 NB SINGLE LANE NIGHTTIME CLOSURE

STA 1250'ESB'+24.78 TO STA 1251'ESB'+70.26
STA 1321'ESB'+45.31 TO STA 1323'ESB'+00.40
STA 1409'ESB'+91.40 TO STA 1412'ESB'+03.40
STA 1435'ESB'+68.60 TO STA 1437'ESB'+22.87

STA 1250'ENB'+64.71 TO STA 1252'ENB'+15.58
STA 1322'ENB'+22.89 TO STA 1323'ENB'+81.97
STA 1409'ENB'+20.17 TO STA 1412'ENB'+14.30
STA 1437'ENB'+75.54 TO STA 1440'ENB'+48.84

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 1	SHEET 76	E

CONSTRUCTION STAGING 1130-67-71

STAGE 1

MAINTENANCE OF TRAFFIC

- IH 41 NB DAYTIME: NO LANES CLOSED. ALL NB TRAFFIC USES TWO (2) EXISTING LANES.
- IH 41 SB DAYTIME: NO LANES CLOSED. ALL SB TRAFFIC USES TWO (2) EXISTING LANES.
- IH 41 NB/SB NIGHTTIME (CROSSOVER): SINGLE INSIDE LANE CLOSURES. ALL TRAFFIC USES ONE (1) EXISTING OUTSIDE LANES.
- IH 41 NB NIGHTTIME (WIDENING): SINGLE OUTSIDE LANE CLOSURE. ALL TRAFFIC USES ONE (1) EXISTING INSIDE LANE.
- IH 41 SB FULL OVERNIGHT CLOSURE(S) AS NEEDED FOR STORM SEWER WORK (SEE DETOUR PLANS)

CONSTRUCTION TO BE COMPLETED

- TWO (2) MEDIAN CROSSOVERS WITH EBS (PAID FOR AS EXCAVATION COMMON).
- NB OUTSIDE TEMPORARY WIDENING.

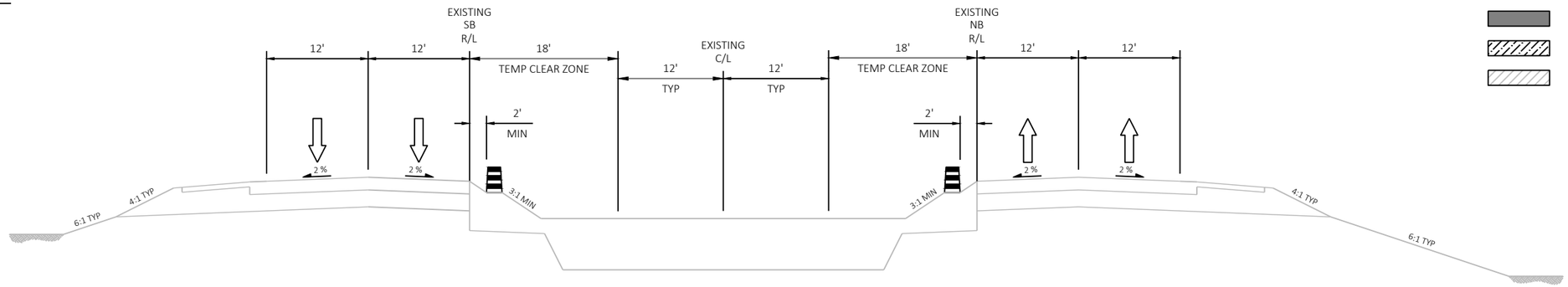
* TEMP BARRIER PLACED IN PREPARATION FOR STAGE 2.

** 1.5-FT OFFSET DUE TO EXISTING RUMBLE STRIPS.

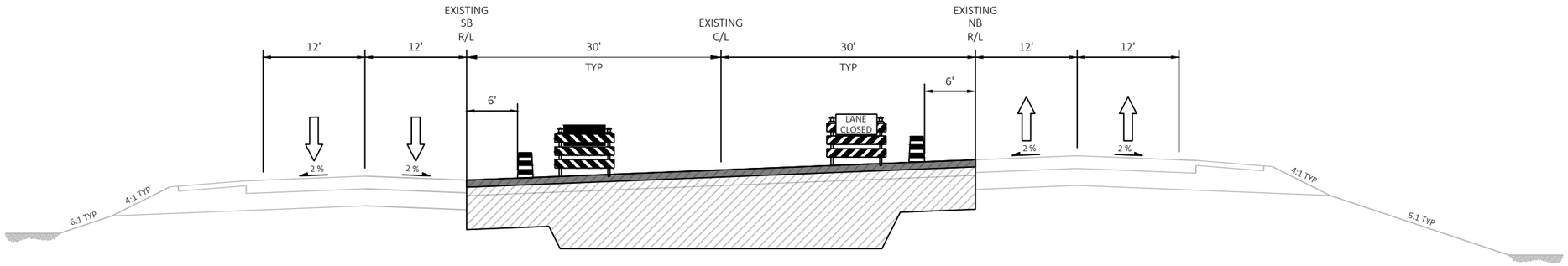
\+ TEMP BARRIER PINNED ACROSS STRUCTURES ONLY.

LEGEND

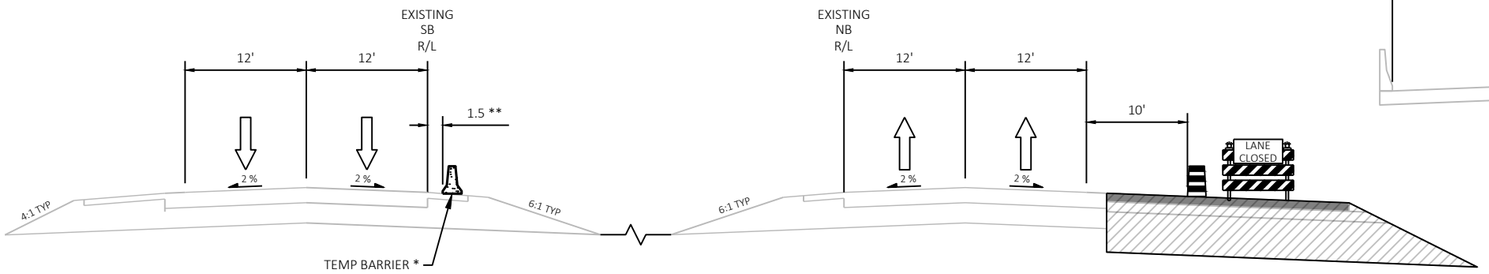
- TEMPORARY PAVEMENT
- WORK ZONE
- FINISHED CONSTRUCTION



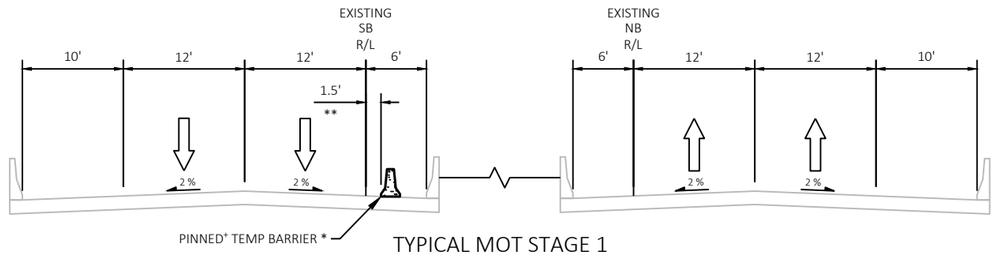
TYPICAL MOT STAGE 1
MEDIAN CROSSOVER
DAYTIME



TYPICAL MOT STAGE 1
FINISHED MEDIAN CROSSOVER
DAYTIME



TYPICAL MOT STAGE 1
FINISHED IH 41 NB OUTSIDE TEMPORARY WIDENING
DAYTIME



TYPICAL MOT STAGE 1
IH 41 STRUCTURES
DAYTIME

B-44-071 SB OVER CTH JJ
B-44-073 SB OVER WRIGHTSTOWN RD
B-44-159 SB OVER CTH U
B-05-080 SB OVER APPLE CREEK

B-44-072 NB OVER CTH JJ
B-44-074 NB OVER WRIGHTSTOWN RD
N-44-160 NB OVER CTH U
B-05-053 NB OVER APPLE CREEK

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL TYPICAL SECTIONS - STAGE 1	SHEET 77	E

CONSTRUCTION STAGING 1130-67-71

STAGE 2

MAINTENANCE OF TRAFFIC

- IH 41 NB: NO LANES CLOSED. TRAFFIC SHIFTED TO TWO (2) LANES ON OUTSIDE TEMPORARY PAVEMENT.
- IH 41 SB DAYTIME: NO LANES CLOSED. ALL SB TRAFFIC USES TWO (2) EXISTING LANES. MEDIAN SHOULDER CLOSED WITH TEMP BARRIER.
- IH 41 SB NIGHTTIME: SINGLE INSIDE LANE CLOSURES AS NECESSARY FOR WORK WITHIN 4-FT OF MEDIAN BARRIER
- IH 41 SB FULL OVERNIGHT CLOSURE(S) AS NEEDED FOR STORM SEWER WORK (SEE DETOUR PLANS)

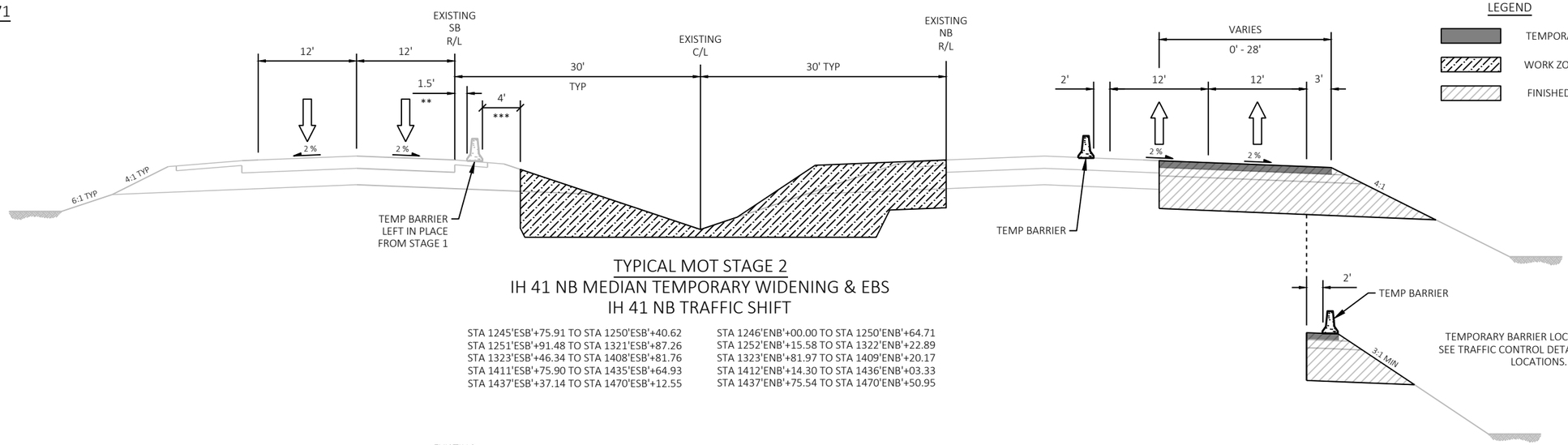
CONSTRUCTION TO BE COMPLETED

- MEDIAN EBS (PAID FOR AS EXCAVATION COMMON).
- NB INSIDE TEMPORARY WIDENING.

** 1.5-FT OFFSET DUE TO EXISTING RUMBLE STRIPS.

*** NO WORK WITHIN 4-FT BEHIND BARRIER WITH TRAFFIC IN ADJACENT LANE

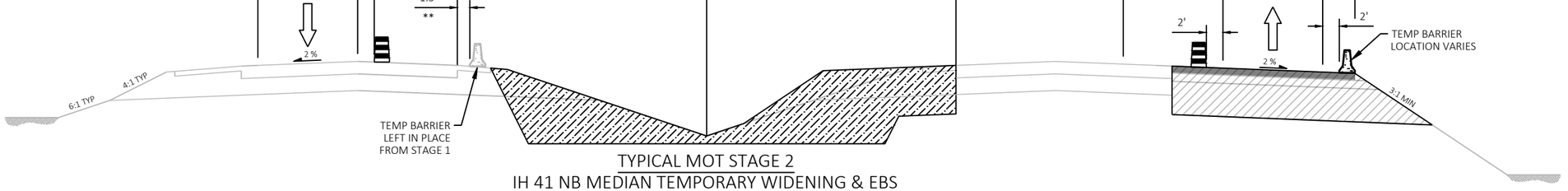
+ TEMP BARRIER PINNED ACROSS STRUCTURES ONLY.



TYPICAL MOT STAGE 2
IH 41 NB MEDIAN TEMPORARY WIDENING & EBS
IH 41 NB TRAFFIC SHIFT

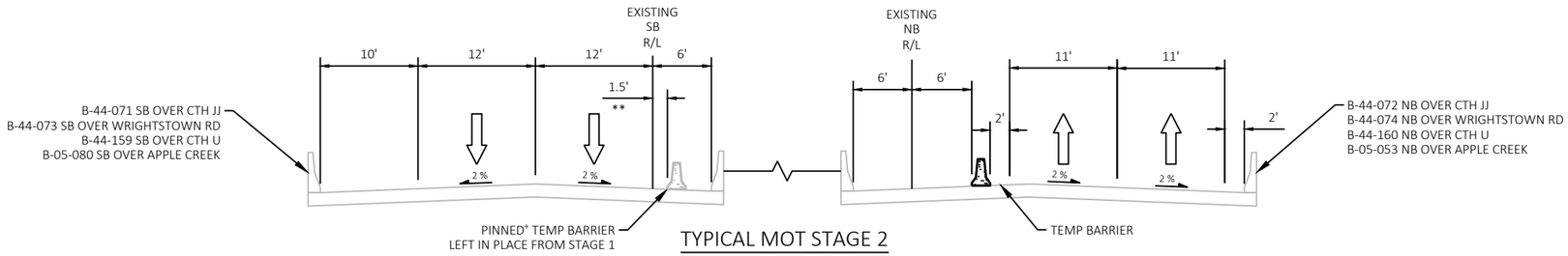
STA 1245'ESB'+75.91 TO STA 1250'ESB'+40.62
STA 1251'ESB'+91.48 TO STA 1321'ESB'+87.26
STA 1323'ESB'+46.34 TO STA 1408'ESB'+81.76
STA 1411'ESB'+75.90 TO STA 1435'ESB'+64.93
STA 1437'ESB'+37.14 TO STA 1470'ESB'+12.55

STA 1246'ENB'+00.00 TO STA 1250'ENB'+64.71
STA 1252'ENB'+15.58 TO STA 1322'ENB'+22.89
STA 1323'ENB'+81.97 TO STA 1409'ENB'+20.17
STA 1412'ENB'+14.30 TO STA 1436'ENB'+03.33
STA 1437'ENB'+75.54 TO STA 1470'ENB'+50.95



TYPICAL MOT STAGE 2
IH 41 NB MEDIAN TEMPORARY WIDENING & EBS
IH 41 SINGLE LANE NIGHTTIME CLOSURES

SB: FOR WORK OCCURRING WITHIN 4-FT OF MEDIAN BARRIER
NB: AS NEEDED FOR CONSTRUCTION ACCESS



TYPICAL MOT STAGE 2
IH 41 STRUCTURES

STA 1250'ESB'+24.78 TO STA 1251'ESB'+70.26
STA 1321'ESB'+45.31 TO STA 1323'ESB'+00.40
STA 1409'ESB'+91.40 TO STA 1412'ESB'+03.40
STA 1435'ESB'+68.60 TO STA 1437'ESB'+22.87

STA 1250'ENB'+64.71 TO STA 1252'ENB'+15.58
STA 1322'ENB'+22.89 TO STA 1323'ENB'+81.97
STA 1409'ENB'+20.17 TO STA 1412'ENB'+14.30
STA 1437'ENB'+75.54 TO STA 1440'ENB'+48.84

2

CONSTRUCTION STAGING 1130-67-71

STAGE 3 (LEFT IN PLACE)

TRAFFIC CONFIGURATION

- IH 41 NB: NO LANES CLOSED. ALL TRAFFIC USES TWO (2) EXISTING LANES.
- IH 41 SB: NO LANES CLOSED. ALL SB TRAFFIC USES TWO (2) EXISTING LANES. MEDIAN SHOULDER CLOSED WITH TEMP BARRIER IN SOME LOCATIONS.

LEFT IN PLACE ITEMS FOR CONSTRUCTION ID 1130-67-72

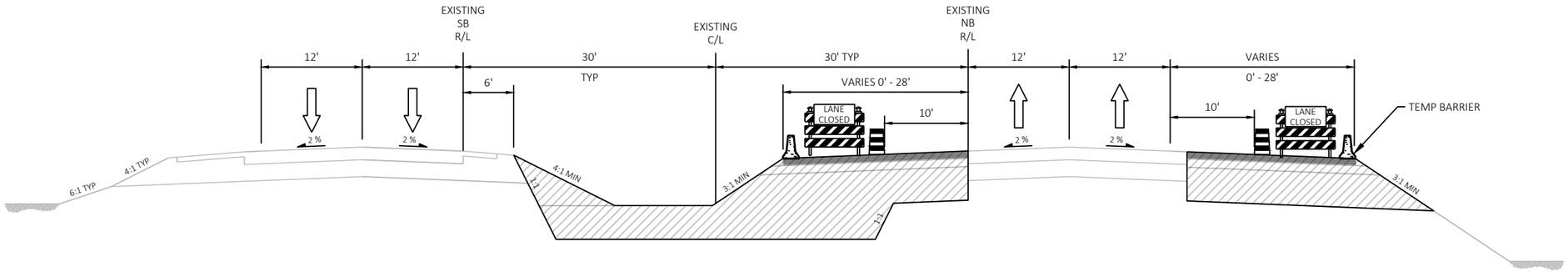
- ALL TEMPORARY PAVEMENT
- TEMPORARY CONCRETE BARRIER (SEE TRAFFIC CONTROL DETAILS FOR EXACT LOCATIONS)

LEGEND

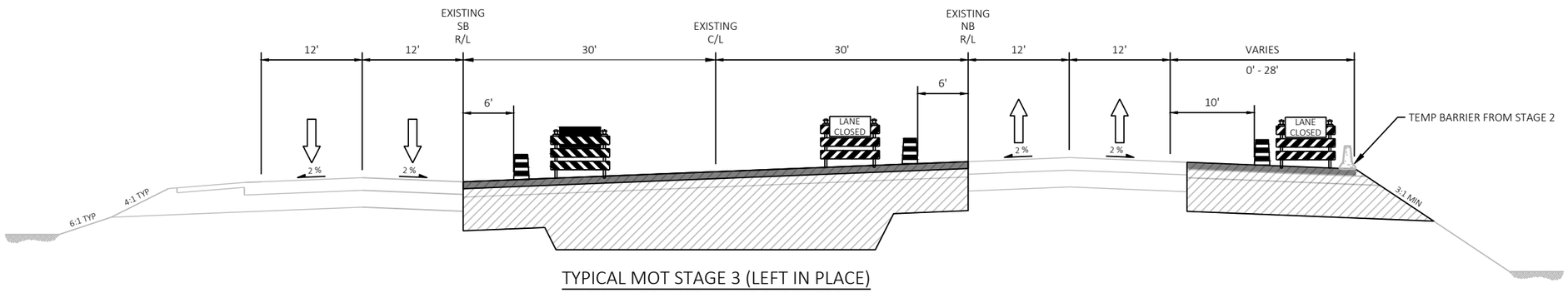
TEMPORARY PAVEMENT

WORK ZONE

FINISHED CONSTRUCTION



TYPICAL MOT STAGE 3 (LEFT IN PLACE)
IH 41 MAINLINE
FOR PROJECT ID 1130-67-72



TYPICAL MOT STAGE 3 (LEFT IN PLACE)
FINISHED MEDIAN CROSSOVERS
FOR PROJECT ID 1130-67-72

2

N

5-173

5-17

POST

POST

POST

FOOTBRIDGE

RIPRAP

SIGN

FLAG

R/L ESB

IH 41 SB

1170'ESB'

1172'ESB'

1174'ESB'

1176'ESB'

1178'ESB'

1180'ESB'

1182'ESB'

1184'ESB'

16'

6'

3'

12'

12'

10'

4'

1170'ENB'

1172'ENB'

1174'ENB'

1176'ENB'

1178'ENB'

1180'ENB'

1182'ENB'

1184'ENB'

4'

12'

10'

R/L ENB

IH 41 NB

6'

15'

4'

W

MATCH LINE 1184+50

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 80	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _01

PLOT DATE : 10/29/2024 1:16 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1184+50

MATCH LINE 1199+75

CTH J/HYLAND AVE

TRAFFIC CAMERA

R/L ESB

IH 41 SB

1186'ESB' 1188'ESB' 1190'ESB' 1192'ESB' 1194'ESB' 1196'ESB' 1198'ESB'

1186'ENB' 1188'ENB' 1190'ENB' 1192'ENB' 1194'ENB' 1196'ENB' 1198'ENB'

IH 41 NB

R/L ENB

4' 2' 12' 10'

SUBSTATION

A/C

INL

MH

TOWER

SIGN

RIPRAP

POST

N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 81	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _02

PLOT DATE : 10/29/2024 1:19 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

SPEED REDUCTION SIGNS ONLY NEEDED DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 70 — R2-1 48"X60"

END ROAD WORK — G20-2A 48"X24"

500'

FARRELL ROAD

KELSO ROAD

N

MATCH LINE 1199+75

MATCH LINE 1214+50

1200'ESB' 1202'ESB' 1204'ESB' 1206'ESB' 1208'ESB' 1210'ESB' 1212'ESB' 1214'ESB'

R/L ESB

IH 41 SB

IH 41 NB

R/L ENB

1200'ENB' 1202'ENB' 1204'ENB' 1206'ENB' 1208'ENB' 1210'ENB' 1212'ENB' 1214'ENB'

4' 12' 12' 10'

5280' 500' 1600' 3100'

ROAD WORK 2 MILES — W20-1E

ROAD WORK 1 MILE — W20-1F

SPEED LIMIT 55 — W3-5

W21-62Q 48"X30"

WORK ZONE

SPEED LIMIT 55 — R2-1 48"X60"

FINES DOUBLE — W21-62R 48"X30"

SPEED REDUCTION SIGNS ONLY NEEDED DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

RIPRAP

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 82	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _03

PLOT DATE : 10/31/2024 9:36 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1214+50

MATCH LINE 1229+60

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

CN RAILROAD

IH 41 SB

IH 41 NB

1216'ESB'

1218'ESB'

1220'ESB'

1222'ESB'

1224'ESB'

1226'ESB'

1228'ESB'

1216'ENB'

1218'ENB'

1220'ENB'

1222'ENB'

1224'ENB'

1226'ENB'

1228'ENB'

R/L ESB

R/L ENB

12'

10'

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55

R2-1
48"X60"

SIGN

IP
POST

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 83	E

2

2

MATCH LINE 1229+60

MATCH LINE 1244+60

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

EAST FRONTAGE ROAD

CN RAILROAD

R/L ESB

R/L ENB

1230'ESB'
1232'ESB'
1234'ESB'
1236'ESB'
1238'ESB'
1240'ESB'
1242'ESB'
1244'ESB'

1230'ENB'
1232'ENB'
1234'ENB'
1236'ENB'
1238'ENB'
1240'ENB'
1242'ENB'
1244'ENB'

'ESB'+76.49
2.42' RT

100'

10'
12'
12'

SIGN

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 84	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _05

PLOT DATE : 10/29/2024 1:27 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1244+60

MATCH LINE 1259+60

CTH JJ/EDGEWOOD DR

WEST FRONTAGE ROAD

SPEED LIMIT 55
R2-1
48"X60"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

R/L ESB

1246'ESB' 1248'ESB' 1250'ESB' 1252'ESB' 1254'ESB' 1256'ESB' 1258'ESB'

IH 41 SB

12' 12' 10' 1.5'

1246'ENB' 1248'ENB' 1250'ENB' 1252'ENB' 1254'ENB' 1256'ENB' 1258'ENB'

IH 41 NB

12' 12' 4'

100'

'ENB'+62.19
33.72' RT

'ENB'+14.84
38.00' RT

CONNECT PRECAST BARRIER TO STRUCTURE

R/L ENB

EAST FRONTAGE ROAD

CN RAILROAD

SIGN

INL

IP

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 85 E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _06

PLOT DATE : 10/31/2024 12:18 PM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1259+60

MATCH LINE 1274+60

BODDE RD

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

CN RAILROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1260'ESB' 1262'ESB' 1264'ESB' 1266'ESB' 1268'ESB' 1270'ESB' 1272'ESB' 1274'ESB'

1260'ENB' 1262'ENB' 1264'ENB' 1266'ENB' 1268'ENB' 1270'ENB' 1272'ENB' 1274'ENB'

12' 12' 4' 100' 1.5' 2' 12' 10'

SPEED LIMIT 55
R2-1
48"X60"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 86	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _07
PLOT DATE : 10/29/2024 1:32 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

WEST FRONTAGE ROAD

R/L ESB

IH 41 SB

1276'ESB' 1278'ESB' 1280'ESB' 1282'ESB' 1284'ESB' 1286'ESB' 1288'ESB'

12' 12' 10' 1.5'

MATCH LINE 1274+60

1276'ENB' 1278'ENB' 1280'ENB' 1282'ENB' 1284'ENB' 1286'ENB' 1288'ENB'

12' 12' 4'

100'

IH 41 NB

R/L ENB

EAST FRONTAGE ROAD

TOWN CLUB RD

MATCH LINE 1289+60

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	MB PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CC CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CC CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 87	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _08

PLOT DATE : 10/29/2024 1:34 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

FOUNDATION DR

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

EAST FRONTAGE ROAD

R/L ESB

R/L ENB

MATCH LINE 1289+60

MATCH LINE 1304+60

1290'ESB'
1292'ESB'
1294'ESB'
1296'ESB'
1298'ESB'
1300'ESB'
1302'ESB'
1304'ESB'

1290'ENB'
1292'ENB'
1294'ENB'
1296'ENB'
1298'ENB'
1300'ENB'
1302'ENB'
1304'ENB'

12'
12'
10'
1.5'
4'
12'
100'

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

TRAFFIC CAMERA

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 88	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _09

PLOT DATE : 10/29/2024 1:37 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

WEST FRONTAGE ROAD

R/L ESB

1306'ESB' 1308'ESB' 1310'ESB' 1312'ESB' 1314'ESB' 1316'ESB' 1318'ESB'

IH 41 SB

1.5' 12' 12' 10'

1306'ENB' 1308'ENB' 1310'ENB' 1312'ENB' 1314'ENB' 1316'ENB' 1318'ENB'

4' 12' 12'

IH 41 NB

100'

R/L ENB

EAST FRONTAGE ROAD

'ENB'+77.36
43.50' RT

'ENB'+07.55
38.14' RT

'ENB'+47.47
33.80' RT

MATCH LINE 1304+60

MATCH LINE 1319+60

SIGN POST RIPRAP U/C

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 89	E

2

2

MCCABE RD

WEST FRONTAGE ROAD

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

R/L ESB

IH 41 SB

1320'ESB' 1322'ESB' 1324'ESB' 1326'ESB' 1328'ESB' 1330'ESB' 1332'ESB' 1334'ESB'

MATCH LINE 1319+60

MATCH LINE 1334+60

1320'ENB' 1322'ENB' 1324'ENB' 1326'ENB' 1328'ENB' 1330'ENB' 1332'ENB' 1334'ENB'

IH 41 NB

100'

'ENB'+26
33.82' RT

CONNECT PRECAST BARRIER TO STRUCTURE

WRIGHTSTOWN RD

R/L ENB

SPEED LIMIT 55
R2-1
48"X60"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

EAST FRONTAGE ROAD

ROAD WORK AHEAD
W20-1A

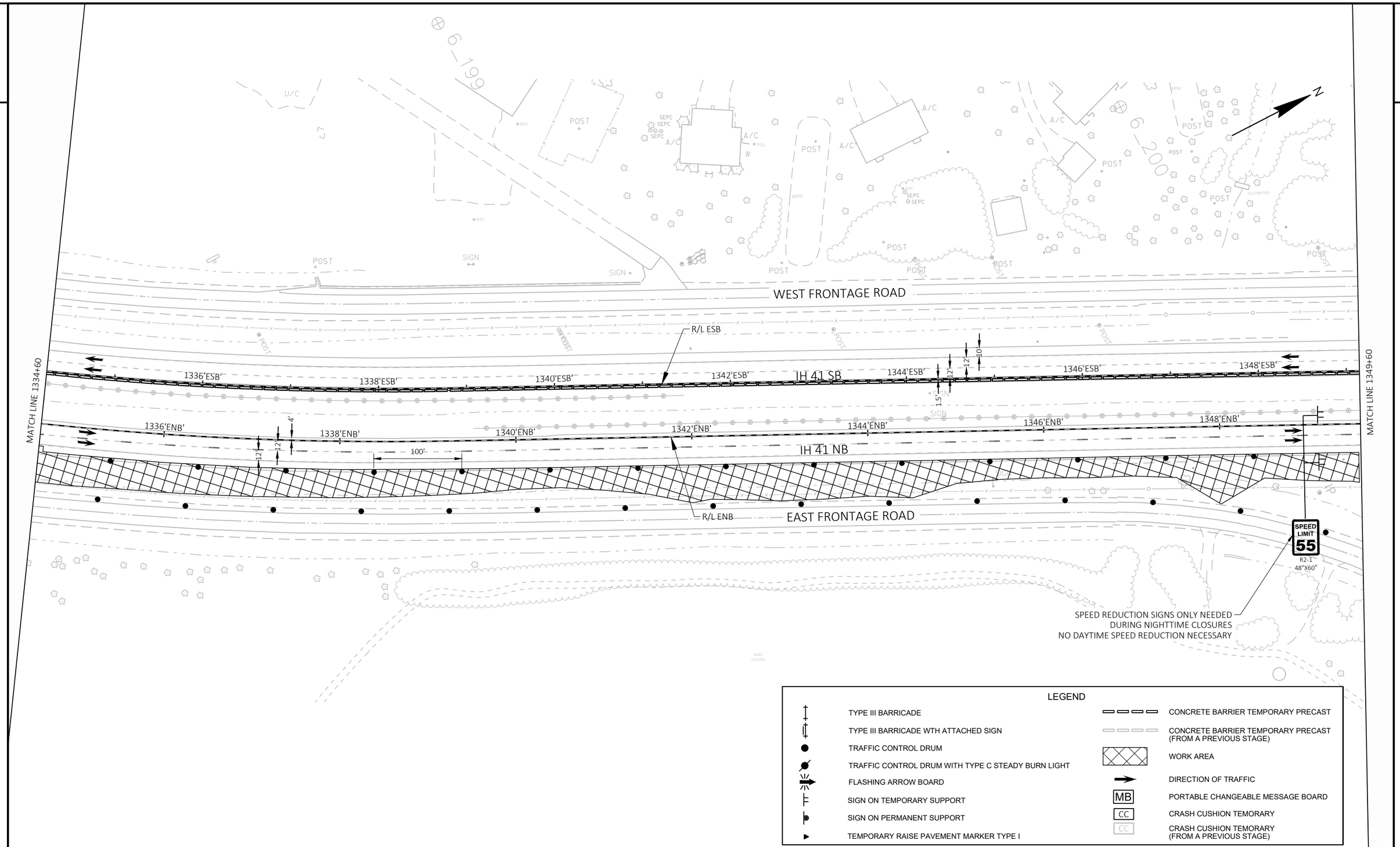
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 90	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _11
PLOT DATE : 10/29/2024 1:42 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 91	E

2

2

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

SWEF RAMP

MATCH LINE 1349+60

MATCH LINE 1364+60

1350'ESB' 1352'ESB' 1354'ESB' 1356'ESB' 1358'ESB' 1360'ESB' 1362'ESB' 1364'ESB'

1350'ENB' 1352'ENB' 1354'ENB' 1356'ENB' 1358'ENB' 1360'ENB' 1362'ENB' 1364'ENB'

1.5' 12' 12' 10'

12' 12' 4'

14'

SHOULDER WORK
W21-5

25'

EAST FRONTAGE ROAD

ROAD WORK AHEAD
W20-1A

RIGHT SHOULDER CLOSED AHEAD
W21-5B

SIGN

POST

CEMETERY

WELL

SEPTIC

GOLF GREEN

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 92	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _13

PLOT DATE : 10/29/2024 1:46 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

WEST FRONTAGE ROAD

MATCH LINE 1364+60

MATCH LINE 1379+60

IH 41 SB

IH 41 NB

1366'ESB' 1368'ESB' 1370'ESB' 1372'ESB' 1374'ESB' 1376'ESB' 1378'ESB'

1366'ENB' 1368'ENB' 1370'ENB' 1372'ENB' 1374'ENB' 1376'ENB' 1378'ENB'

R/L ESB

R/L ENB

4' 12' 12' 10'

12' 12' 10' 1.5'

50' 100'

3' 15' 5'

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

RIGHT SHOULDER CLOSED
W21-5A

RIGHT SHOULDER CLOSED
W21-5A

SIGN POST IP RIPRAP RUINS WELL MH SCALE CAMERA

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 93	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _14
PLOT DATE : 10/29/2024 1:48 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

WEST FRONTAGE ROAD

R/L ESB

IH 41 SB

1380'ESB' 1382'ESB' 1384'ESB' 1386'ESB' 1388'ESB' 1390'ESB' 1392'ESB' 1394'ESB'

1380'ENB' 1382'ENB' 1384'ENB' 1386'ENB' 1388'ENB' 1390'ENB' 1392'ENB' 1394'ENB'

IH 41 NB

100'

R/L ENB

EAST FRONTAGE ROAD

EXIT 154
U
Wrightstown
Hobart

EXIT 154
U
Wrightstown
Hobart

MATCH LINE 1379+60

MATCH LINE 1394+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 94	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _15

PLOT DATE : 10/29/2024 1:50 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1394+60

MATCH LINE 1409+60

WEST FRONTAGE ROAD

RAMP UC

IH 41 SB

1396'ESB' 1398'ESB' 1400'ESB' 1402'ESB' 1404'ESB' 1406'ESB' 1408'ESB'

R/L ESB

R/L ENB

1396'ENB' 1398'ENB' 1400'ENB' 1402'ENB' 1404'ENB' 1406'ENB' 1408'ENB'

'ENB'+45.19
33.59' RT

'ENB'+13.19
44.09' RT

IH 41 NB

RAMP UB

'ENB'+77.19
34.09' RT

'ENB'+45.19
44.09' RT

'ENB'+00
48.50' RT

CONNECT PRECAST BARRIER TO STRUCTURE

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

EAST FRONTAGE ROAD

CTH U

120'USBT'

120'UNBT'

122'USBT'

122'ENBT'

25'

15'

12'

4'

19'

5'

10'

1.5'

SIGN

POST

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	
FLASHING ARROW BOARD	DIRECTION OF TRAFFIC
SIGN ON TEMPORARY SUPPORT	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 95	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _16
PLOT DATE : 10/31/2024 12:22 PM
PLOT BY : ANDY BLOCK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1409+60

MATCH LINE 1424+60

CTH U/COUNTY LINE ROAD

RAMP UD

RAMP UA

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

TRAFFIC CAMERA

128'USBT'
128'UNBT'
128'USBT'
128'UNBT'
124'UNBT'
124'UNBT'

1410'ESB' 1412'ESB' 1414'ESB' 1416'ESB' 1418'ESB' 1420'ESB' 1422'ESB' 1424'ESB'

IH 41 SB

R/L ESB

R/L ENB

1410'ENB' 1412'ENB' 1414'ENB' 1416'ENB' 1418'ENB' 1420'ENB' 1422'ENB' 1424'ENB'

IH 41 NB

100'

1.5' 12' 10' 12' 12' 12' 11' 12' 12' 14' 4'

ROAD WORK AHEAD
W20-1A

T 235

209

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 96	E

2

MATCH LINE 1424+60

MID VALLEY DR.

IH 41 SB

IH 41 NB

FRENCH ROAD

R/L ESB

R/L ENB

1426'ESB' 1428'ESB' 1430'ESB' 1432'ESB' 1434'ESB' 1436'ESB' 1438'ESB'

1426'ENB' 1428'ENB' 1430'ENB' 1432'ENB' 1434'ENB' 1436'ENB' 1438'ENB'

'ENB' +80.35
32.00' RT

'ENB' +92.82
31.10' RT

'ENB' +90.83
33.70' RT

'ENB' +01.29
33.75' RT

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

CONNECT PRECAST BARRIER TO STRUCTURE

W21-62Q
48"X30"

WORK ZONE

SPEED LIMIT 55
R2-1
48"X60"

FINES DOUBLE
W21-62R
48"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

6-210

6-211

SIGN

RIPRAP

CAMPGROUND

GREENHOUSE

SEPIC

TRAFFIC CO

14'
12'
12'
12'
12'
10'
4'
12'
12'
10'
1.5'

MATCH LINE 1439+60

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

2

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 97	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _18
PLOT DATE : 10/31/2024 12:38 PM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

MID VALLEY DR.

FRENCH ROAD

APPLE PL.

APPLE CREEK ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1440'ESB' 1442'ESB' 1444'ESB' 1446'ESB' 1448'ESB' 1450'ESB' 1452'ESB' 1454'ESB'

1440'ENB' 1442'ENB' 1444'ENB' 1446'ENB' 1448'ENB' 1450'ENB' 1452'ENB' 1454'ENB'

1.5' 12' 10' 4' 12' 10'

100'

6_213

MATCH LINE 1439+60

MATCH LINE 1454+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 98	E

2

2

MATCH LINE 1454+60

MATCH LINE 1469+60

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

MID VALLEY DR.

R/L ESB

1456'ESB' 1458'ESB' 1460'ESB' IH 41 SB 1462'ESB' 1464'ESB' 1466'ESB' 1468'ESB'

1456'ENB' 1458'ENB' 1460'ENB' 1462'ENB' 1464'ENB' 1466'ENB' 1468'ENB'

IH 41 NB

12' 12' 4' 100' 12' 12' 10' 1.5° 15'

FRENCH ROAD

R/L ENB

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
48"X60"

CONSTRUCT FRENCH ROAD CROSSINGS UTILIZING SINGLE LANE CLOSURES WITH FLAGGING OPERATIONS WHILE MAINTAIN THROUGH TRAFFIC ALONG FRENCH ROAD

6_214

6_21

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 99	E

2

MID VALLEY DR.

'ESB'+95.04
2.42' RT

1470'ESB' 1472'ESB' 1474'ESB' 1476'ESB' 1478'ESB' 1480'ESB' 1482'ESB' 1484'ESB'

R/L ESB

IH 41 SB

100'

12' 12' 10'

1470'ENB' 1472'ENB' 1474'ENB' 1476'ENB' 1478'ENB' 1480'ENB' 1482'ENB' 1484'ENB'

IH 41 NB

12' 12'

100'

R/L ENB

MATCH LINE 1469+60

MATCH LINE 1484+60

FRENCH ROAD

SHOULDER WORK
W21-5

ROAD WORK AHEAD
W20-1A

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

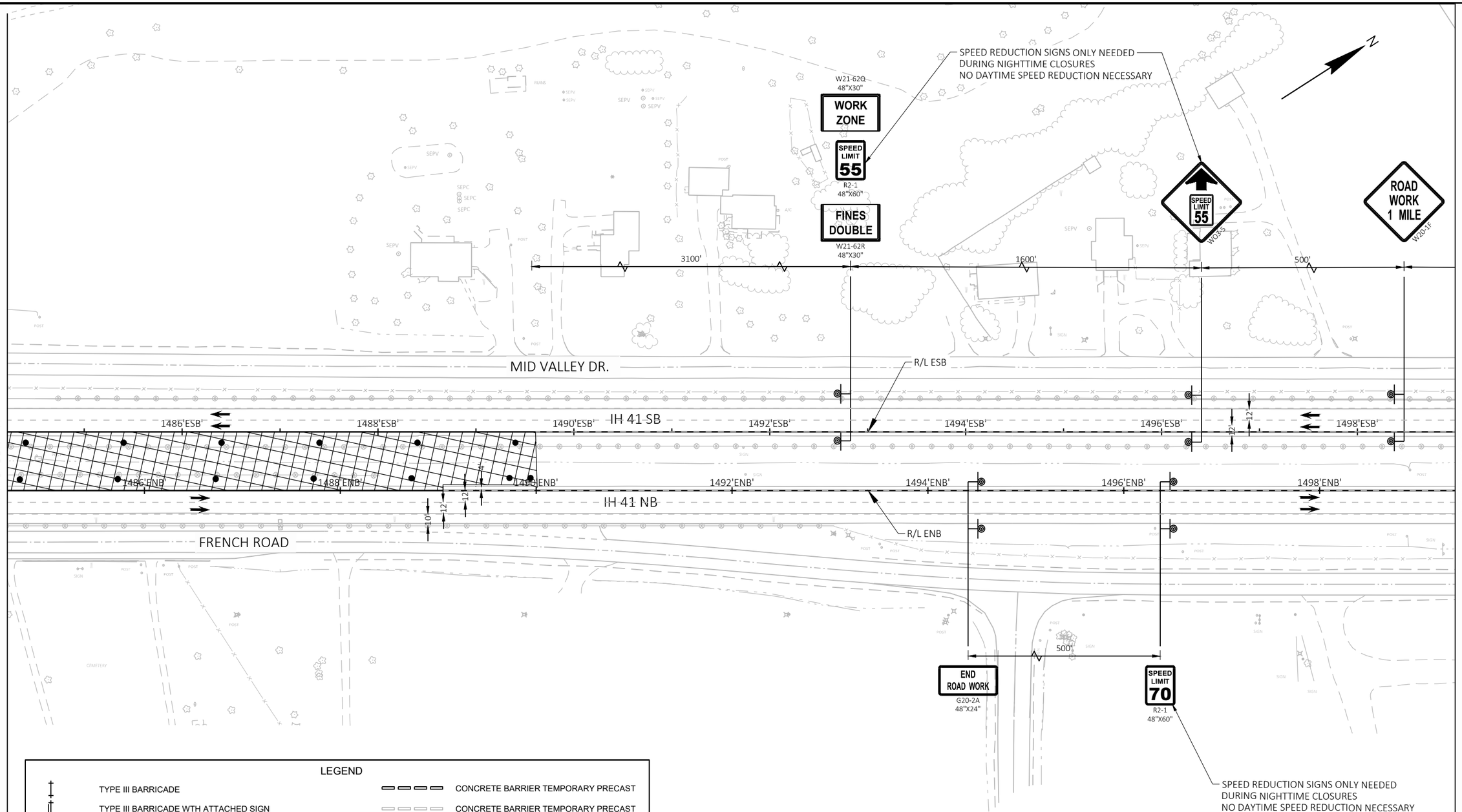
6_217

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 100	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _21

PLOT DATE : 12/23/2024 9:27 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

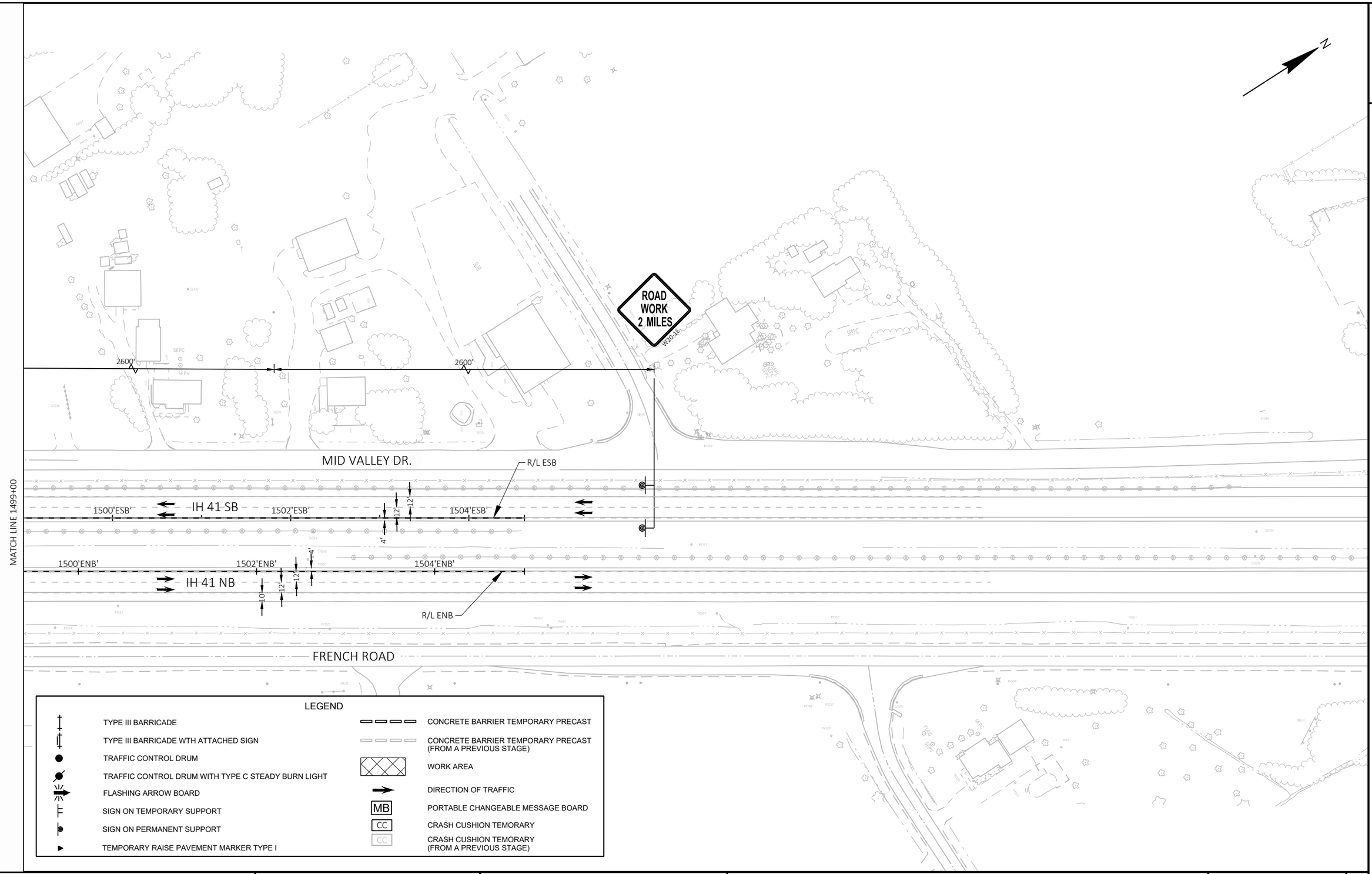
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 101	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _22

PLOT DATE : 12/23/2024 9:25 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 1	SHEET 102	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1.DWG
LAYOUT NAME - _23
PLOT DATE : 10/31/2024 12:43 PM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1170'ESB' 1172'ESB' 1174'ESB' 1176'ESB' 1178'ESB' 1180'ESB' 1182'ESB' 1184'ESB'

1170'ENB' 1172'ENB' 1174'ENB' 1176'ENB' 1178'ENB' 1180'ENB' 1182'ENB' 1184'ENB'

MATCH LINE 1184+50

POST

FOOTBRIDGE

RIPRAP

SIGN

FLAG

4'

10'

12'

12'

12'

10'

16'

15'

4'

2600'

MAX. 11' WIDTH

W12-52
48"X48"

1-1/2MILES AHEAD

WO57-52
48"X36"

WIDE LOADS EXCEEDING 11 FT

R12-70B
114"X42"

MON - FRI
8 PM - 5 AM

R12-70C
114"X42"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 103	E

2

2

MATCH LINE 1184+50

MATCH LINE 1199+60

CTH J/HYLAND AVE

TRAFFIC CAMERA

R/L ESB

R/L ENB

IH 41 SB

IH 41 NB

1186'ESB' 1188'ESB' 1190'ESB' 1192'ESB' 1194'ESB' 1196'ESB' 1198'ESB'

1186'ENB' 1188'ENB' 1190'ENB' 1192'ENB' 1194'ENB' 1196'ENB' 1198'ENB'

4' 12' 12' 10'

10' 12' 12' 4'

N

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 104	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _02

PLOT DATE : 10/31/2024 1:25 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

KELSO ROAD

FARRELL ROAD

N

SPEED LIMIT 70
R2-1
48"X60"

END ROAD WORK
G20-2A
48"X24"

500'

MATCH LINE 1199+60

MATCH LINE 1214+60

R/L ESB

1200'ESB' 1202'ESB' 1204'ESB' 1206'ESB' 1208'ESB' 1210'ESB' 1212'ESB' 1214'ESB'

IH 41 SB

IH 41 NB

1200'ENB' 1202'ENB' 1204'ENB' 1206'ENB' 1208'ENB' 1210'ENB' 1212'ENB' 1214'ENB'

4' 12' 12' 10'

10' 12' 12' 4'

R/L ENB

5280' 500' 1600' 3100'

ROAD WORK 2 MILES
W20-1E

ROAD WORK 1 MILE
W20-1F

SPEED LIMIT 60
W03-5

W21-62Q
48"X30"
WORK ZONE

SPEED LIMIT 60
R2-1
48"X60"

FINES DOUBLE
W21-62R
48"X30"

EAST FRONTAGE ROAD

RIPRAP

SIGN

POST

SEPC

SEPV

FLAG

WALLS

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 105	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _03

PLOT DATE : 10/31/2024 1:25 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1214+60

MATCH LINE 1229+60

N

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

EAST FRONTAGE ROAD

CN RAILROAD

R/L ESB

R/L ENB

1216'ESB'

1218'ESB'

1220'ESB'

1222'ESB'

1224'ESB'

1226'ESB'

1228'ESB'

1216'ENB'

1218'ENB'

1220'ENB'

1222'ENB'

1224'ENB'

1226'ENB'

1228'ENB'

4'

12'

12'

10'

SIGN

IP
POST

SPEED LIMIT 60
R2-1
48"X60"

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 106	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _04

PLOT DATE : 12/23/2024 12:58 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1229+60

MATCH LINE 1244+60

TYPE III BARRICADE

TYPE III BARRICADE

TYPE III BARRICADE

WEST FRONTAGE ROAD

R/L ESB

IH 41 SB

IH 41 NB

R/L ENB

1230'ESB'

1232'ESB'

1234'ESB'

1236'ESB'

1238'ESB'

1240'ESB'

1242'ESB'

1244'ESB'

1230'ENB'

1232'ENB'

1234'ENB'

1236'ENB'

1238'ENB'

1240'ENB'

1242'ENB'

1244'ENB'

50'

10'

12'

12'

4'

12'

12'

10'

'ENB'+20.21
0.00' LT

'ENB'+19.31
23.99' RT

'ENB'+99.83
7.99' RT

'ENB'+99.66
32.00' RT

LEFT SHOULDER CLOSED AHEAD
W21-5BL

W01-4BR

RIGHT SHOULDER CLOSED AHEAD
W21-5R

NARROW BRIDGE

W05-2
48"X48"

AHEAD
W016-9P
48"X24"

LEFT SHOULDER CLOSED
W21-5AL

RIGHT SHOULDER CLOSED
W21-5A

SPEED LIMIT 60
R2-1
48"X60"

EAST FRONTAGE ROAD

CN RAILROAD

SIGN

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 107	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _05

PLOT DATE : 12/23/2024 12:59 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1244+60

MATCH LINE 1259+60

CTH JJ/EDGEWOOD DR

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

CN RAILROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

CONNECT PRECAST BARRIER TO STRUCTURE

1246'ESB' 1248'ESB' 1250'ESB' 1252'ESB' 1254'ESB' 1256'ESB' 1258'ESB'

1246'ENB' 1248'ENB' 1250'ENB' 1252'ENB' 1254'ENB' 1256'ENB' 1258'ENB'

'ENB'+62.75
4.12' LT

'ENB'+48.82
8.12' RT

'ENB'+44.81
5.00' RT

'ENB'+14.77
7.00' RT

'ENB'+14.72
10.00' RT

'ENB'+65.53
7.00' RT

'ENB'+65.58
10.00' RT

'ENB'+35.62
8.00' RT

'ENB'+35.58
5.00' RT

'ENB'+96.88
24.01' RT

'ENB'+64.71
35.33' RT

'ENB'+15.58
35.33' RT

'ENB'+35.58
32.00' RT

'ENB'+26.31
36.16' RT

'ENB'+96.06
48.02' RT

2' 12' 8'

2' 12'

SIGN

POST

INL

W

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	MB — PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CC — CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 108	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _06

PLOT DATE : 12/23/2024 12:59 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1259+60

MATCH LINE 1274+60

BODDE RD

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

TOWN CLUB RD

CN RAILROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1260'ESB' 1262'ESB' 1264'ESB' 1266'ESB' 1268'ESB' 1270'ESB' 1272'ESB' 1274'ESB'

1260'ENB 1262'ENB 1264'ENB 1266'ENB 1268'ENB 1270'ENB 1272'ENB 1274'ENB

'ENB'+27.95
14.50' RT

'ENB'+28.17
17.50' RT

'ENB'+00.59
20.99' RT

'ENB'+00.63
23.99' RT

'ENB'+00.79
48.00' RT

'ENB'+28.34
41.50' RT

12'

12'

10'

2'

2'

12'

12'

24'

WO1-4BL

SPEED LIMIT 60
R2-1
48"X60"

SIGN

POST

WELL

INL

WALLS

A/C

W

FLAG

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CC — CRASH CUSHION TEMORARY
- CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 109	E

2

2

MATCH LINE 1274+60

MATCH LINE 1289+60

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1276'ESB"

1278'ESB"

1280'ESB"

1282'ESB"

1284'ESB"

1286'ESB"

1288'ESB"

1276'ENB

1278'ENB

1280'ENB

1282'ENB

1284'ENB

1286'ENB

1288'ENB

12'

12'

12'

10'

12'

12'

2'

2'

TOWN CLUB RD

SIGN

POST

W

WELL

A/C

SEPC

SEPV

INL

T

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	MB — PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CC — CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 110	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _08
PLOT DATE : 10/31/2024 1:27 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1289+60

MATCH LINE 1304+60

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1290'ESB'
1292'ESB'
1294'ESB'
1296'ESB'
1298'ESB'
1300'ESB'
1302'ESB'
1304'ESB'

1290'ENB'
1292'ENB'
1294'ENB'
1296'ENB'
1298'ENB'
1300'ENB'
1302'ENB'
1304'ENB'

12'
12'
12'
12'
12'
10'

SPEED LIMIT 60
R2-1
48"X60"

TRAFFIC CAMERA

POST

SIGN

SEPC

SEPV

TANKS

RUINS

FLAG

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 111	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _09

PLOT DATE : 10/31/2024 1:27 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

MATCH LINE 1304+60

MATCH LINE 1319+60

N

WEST FRONTAGE ROAD

R/L ESB

IH 41 SB

1306'ESB' 1308'ESB' 1310'ESB' 1312'ESB' 1314'ESB' 1316'ESB' 1318'ESB'

12' 12' 10'

1306'ENB' 1308'ENB' 1310'ENB' 1312'ENB' 1314'ENB' 1316'ENB' 1318'ENB'

'ENB'+24.04
14.50' RT

'ENB'+24.25
17.50' RT

12' 12' 12' 12'

IH 41 NB

R/L ENB

'ENB'+22.97
41.50' RT

EAST FRONTAGE ROAD

SIGN

POST

RIPRAP

U/C

RIGHT SHOULDER CLOSED AHEAD
W21-5B

W024-1AL

NARROW BRIDGE
WQ5-2
48"X48"

AHEAD
WQ16-9P
48"X24"

RIGHT SHOULDER CLOSED
W21-5A

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 112	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _10

PLOT DATE : 10/31/2024 1:27 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MCCABE RD

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

WRIGHTSTOWN RD

IH 41 SB

IH 41 NB

MATCH LINE 1319+60

MATCH LINE 1334+60

1320'ESB' 1322'ESB' 1324'ESB' 1326'ESB' 1328'ESB' 1330'ESB' 1332'ESB' 1334'ESB'

1320'ENB' 1322'ENB' 1324'ENB' 1326'ENB' 1328'ENB' 1330'ENB' 1332'ENB' 1334'ENB'

R/L ESB

R/L ENB

'ENB'+06.93
5.00' RT

'ENB'+06.93
8.00' RT

'ENB'+22.89
34.62' RT

'ENB'+76.93
7.00' RT

'ENB'+76.93
10.00' RT

'ENB'+87.06
33.80' RT

'ENB'+37.55
43.85' RT

'ENB'+31.97
7.00' RT

'ENB'+31.97
10.00' RT

'ENB'+01.97
5.00' RT

'ENB'+01.97
8.00' RT

'ENB'+32.05
5.00' RT

'ENB'+25.52
33.70' RT

'ENB'+31.97
8.00' RT

'ENB'+82.01
15.00' RT

'ENB'+81.97
18.00' RT

CONNECT PRECAST
BARRIER TO STRUCTURE

SPEED LIMIT 60
R2-1
48"X60"

12'

12'

10'

2'

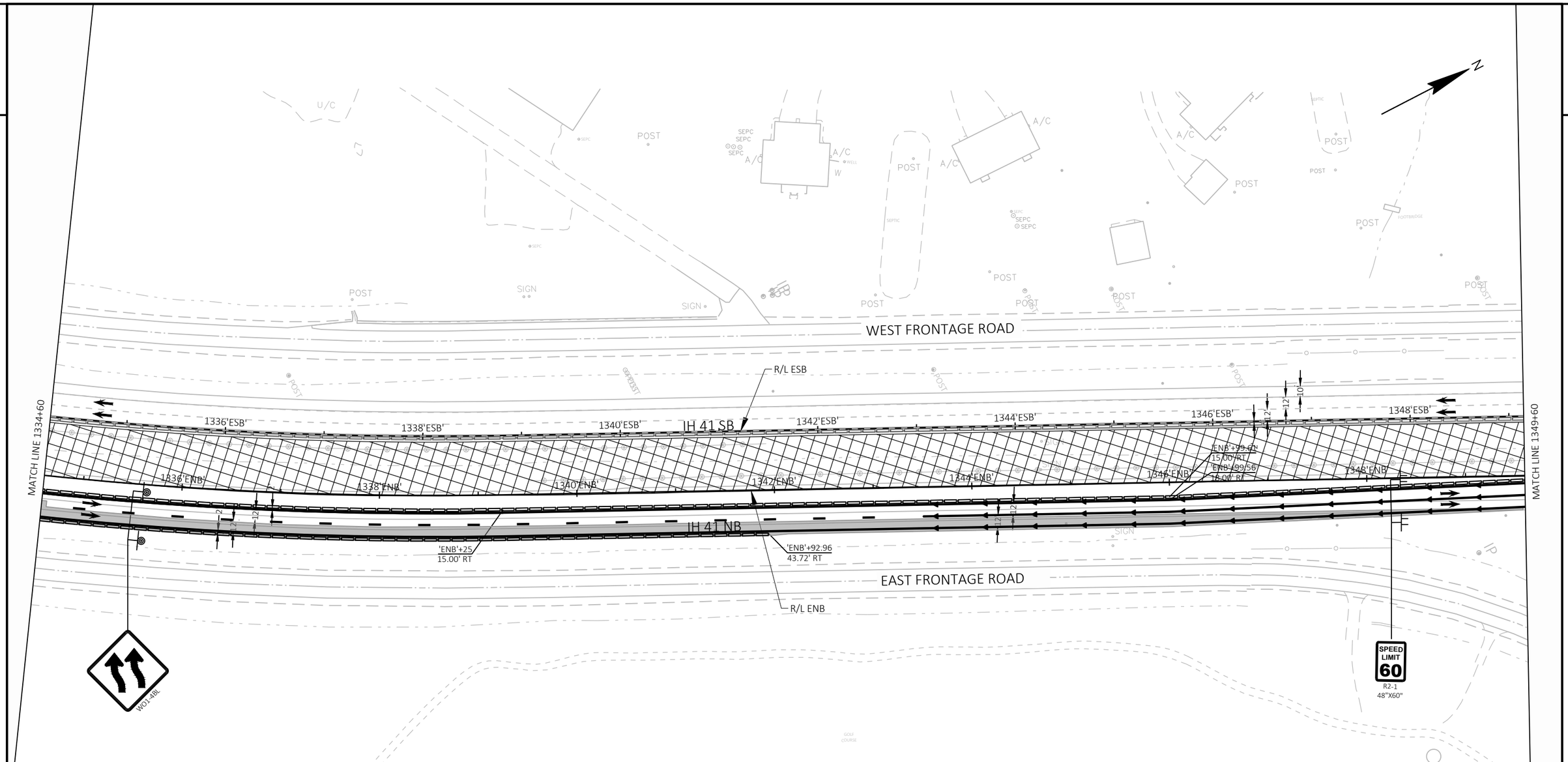
2'

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 113	E

2



LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 114	E

2

2

MATCH LINE 1349+60

MATCH LINE 1364+60

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1350'ESB' 1352'ESB' 1354'ESB' 1356'ESB' 1358'ESB' 1360'ESB' 1362'ESB' 1364'ESB'

1350'ENB' 1352'ENB' 1354'ENB' 1356'ENB' 1358'ENB' 1360'ENB' 1362'ENB' 1364'ENB'

12' 12' 10' 2' 12' 2' 12' 14' 12'

ENB'+20
3.00' RT

ENB'+19.66
6.00' RT

'ENB'+71.70
34.65' RT

SIGN POST IP CEMETERY WELL SEPTIC GOLF GREEN

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 115	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _13

PLOT DATE : 10/31/2024 1:28 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

SWEF RAMP

EAST FRONTAGE ROAD

MATCH LINE 1364+60

MATCH LINE 1379+60

1366'ESB' 1368'ESB' 1370'ESB' 1372'ESB' 1374'ESB' 1376'ESB' 1378'ESB'

1366'ENB' 1368'ENB' 1370'ENB' 1372'ENB' 1374'ENB' 1376'ENB' 1378'ENB'

R/L ESB

R/L ENB

12' 12' 12' 12' 10'

3' 15' 5'

SPEED LIMIT 60

R2-1
48"X60"

W01-4BR

SIGN POST WELL MH RIPRAP

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	MB — PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CC — CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 116	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _14

PLOT DATE : 10/31/2024 1:28 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

EAST FRONTAGE ROAD

R/L ESB

R/L ENB

MATCH LINE 1379+60

MATCH LINE 1394+60

1380'ESB' 1382'ESB' 1384'ESB' 1386'ESB' 1388'ESB' 1390'ESB' 1392'ESB' 1394'ESB'

1380'ENB' 1382'ENB' 1384'ENB' 1386'ENB' 1388'ENB' 1390'ENB' 1392'ENB' 1394'ENB'

'ENB'+33.83
13.50' RT
'ENB'+33.50
18.60' RT

'ENB'+56.25
31.81' RT

'ENB'+96.24
3.00' RT
'ENB'+96.24
6.00' RT

12' 12' 12' 10'

12' 12' 12' 15'

RIGHT SHOULDER CLOSED AHEAD
W21-5B

NARROW BRIDGE
W05-2
48"X48"
AHEAD
W016-9P
48"X24"

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 117	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _15

PLOT DATE : 10/31/2024 1:28 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1394+60

MATCH LINE 1409+60

WEST FRONTAGE ROAD

1396'ESB' 1398'ESB' 1400'ESB' JH 41 SB 1402'ESB' 1404'ESB' 1406'ESB' 1408'ESB'

R/L ESB
R/L ENB

1396'ENB' 1398'ENB' 1400'ENB' 1402'ENB' 1404'ENB' 1406'ENB' 1408'ENB'

ENB+02.24
15.56' RT
ENB+02.45
13.50' RT

'ENB'+00.12
6.99' RT
'ENB'+00.17
9.99' RT

IH 41 NB

RAMP UB

EAST FRONTAGE ROAD

CONNECT PRECAST BARRIER TO STRUCTURE

CTH U/COUNTY LINE ROAD

W24-1AR

RIGHT SHOULDER CLOSED
W21-5A

SPEED LIMIT 60
R2-1
48"X60"

12' 12' 10' 12' 12' 15' 15' 15

2

2

MATCH LINE 1409+60

MATCH LINE 1424+60

CTH U/COUNTY LINE ROAD

MID VALLEY DR

RAMP UD

RAMP UA

FRENCH RD

TRAFFIC CAMERA

IH 41 SB

IH 41 NB

R/L SB

R/L NB

1410'ESB' 1412'ESB' 1414'ESB' 1416'ESB' 1418'ESB' 1420'ESB' 1422'ESB' 1424'ESB'

1410'ENB' 1412'ENB' 1414'ENB' 1416'ENB' 1418'ENB' 1420'ENB' 1422'ENB' 1424'ENB'

'ENB'+34.87
7.00' RT

'ENB'+34.87
10.00' RT

'ENB'+79.37
14.00' RT

'ENB'+79.37
17.00' RT

'ENB'+37.87
14.00' RT

'ENB'+37.92
17.00' RT

'ENB'+32.83
3.00' LT

'ENB'+32.95
0.00' RT

'ENB'+16.69
34.09' RT

'ENB'+60.69
44.09' RT

'ENB'+82.62
24.00' RT

CONNECT PRECAST BARRIER TO STRUCTURE

RIGHT SHOULDER CLOSED AHEAD
W21-5B

RIGHT SHOULDER CLOSED AHEAD
W21-5B

W24-1AR

12' 12' 12' 10' 12' 12' 12' 12' 16'

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	MB — PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CC — CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CC — CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 119	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _17

PLOT DATE : 10/31/2024 1:29 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

MATCH LINE 1424+60

MID VALLEY DRIVE

IH 41 SB

IH 41 NB

FRENCH ROAD

R/L SB

R/L ENB

1426'ESB' 1428'ESB' 1430'ESB' 1432'ESB' 1434'ESB' 1436'ESB' 1438'ESB'

1426'ENB' 1428'ENB' 1430'ENB' 1432'ENB' 1434'ENB' 1436'ENB' 1438'ENB'

13'

12'

12'

12'

10'

'ENB'+05.35
3.00' LT

'ENB'+05.35
0.00'

'ENB'+55.35
7.00' RT

'ENB'+55.35
10.00' RT

'ENB'+80.12
33.64' RT

'ENB'+25.53
7.00' RT

'ENB'+25.54
10.00' RT

RIGHT SHOULDER CLOSED
W21-5A

SPEED LIMIT 60
R2-1
48"X60"

SIGN

RIPRAP

CAMPGROUND

GREENHOUSE

SEPC

TRAFFIC CO

MATCH LINE 1439+60

2

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 120	E

2

2

MATCH LINE 1439+60

MATCH LINE 1454+60

MID VALLEY DRIVE

FRENCH ROAD

APPLE PL

APPLE CREEK ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1440'ESB' 1442'ESB' 1444'ESB' 1446'ESB' 1448'ESB' 1450'ESB' 1452'ESB' 1454'ESB'

1440'ENB' 1442'ENB' 1444'ENB' 1446'ENB' 1448'ENB' 1450'ENB' 1452'ENB' 1454'ENB'

2' 12' 12' 10'

12' 12' 12' 10'

'ENB'+44.43
29.70' RT

'ENB'+75.46
3.00' LT

'ENB'+75.54
0.00' RT

'ENB'+94.40
3.00' LT

'ENB'+96.59
0.20' LT

'ENB'+24.31
15.00' RT

'ENB'+24.31
18.00' RT

SPEED LIMIT 60
R2-1
48"X60"

POST SIGN SEPV SEPC WELL A/C T W FLAG GOLF GREEN GOLF COURSE RIPRAP

N

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 121	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _19

PLOT DATE : 10/31/2024 1:29 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1454+60

MATCH LINE 1469+60

R/L ESB

IH 41 SB

1456'ESB' 1458'ESB' 1460'ESB' 1462'ESB' 1464'ESB' 1466'ESB' 1468'ESB'

1456'ENB' 1458'ENB' 1460'ENB' 1462'ENB' 1464'ENB' 1466'ENB' 1468'ENB'

12' 12' 10'

12' 12'

IH 41 NB

R/L ENB

W01-4BL

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 122	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _20

PLOT DATE : 10/31/2024 1:30 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1469+60

MATCH LINE 1484+60

1470'ESB' 1472'ESB' 1474'ESB' 1476'ESB' 1478'ESB' 1480'ESB' 1482'ESB' 1484'ESB'

IH 41 SB

R/L ESB

'ENB'+99.42
15.00' RT

'ENB'+99.42
18.00' RT

'ENB'+00.86
5.13' RT

100'

12'

10'

1470'ENB' 1472'ENB' 1474'ENB' 1476'ENB' 1478'ENB' 1480'ENB' 1482'ENB' 1484'ENB'

IH 41 NB

R/L ENB

'ENB'+29.42
0.00' RT

SPEED LIMIT 60

R2-1
48"X60"

TYPE III BARRICADE

TYPE III BARRICADE

TYPE III BARRICADE

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

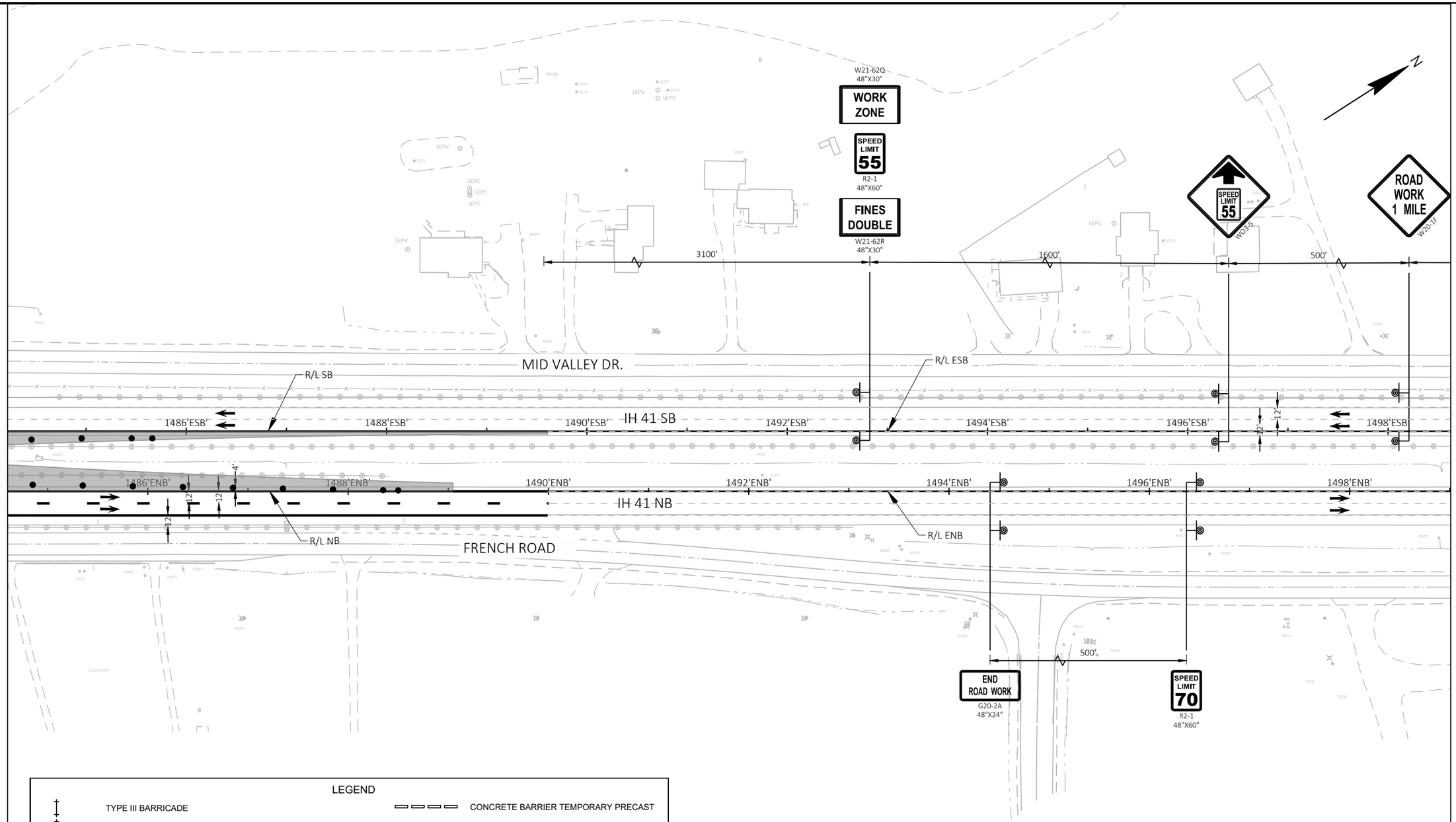
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 123	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _21

PLOT DATE : 12/23/2024 1:00 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



MATCH LINE 1484+60

MATCH LINE 1499+00

2

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY (CC)
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE) (CC)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

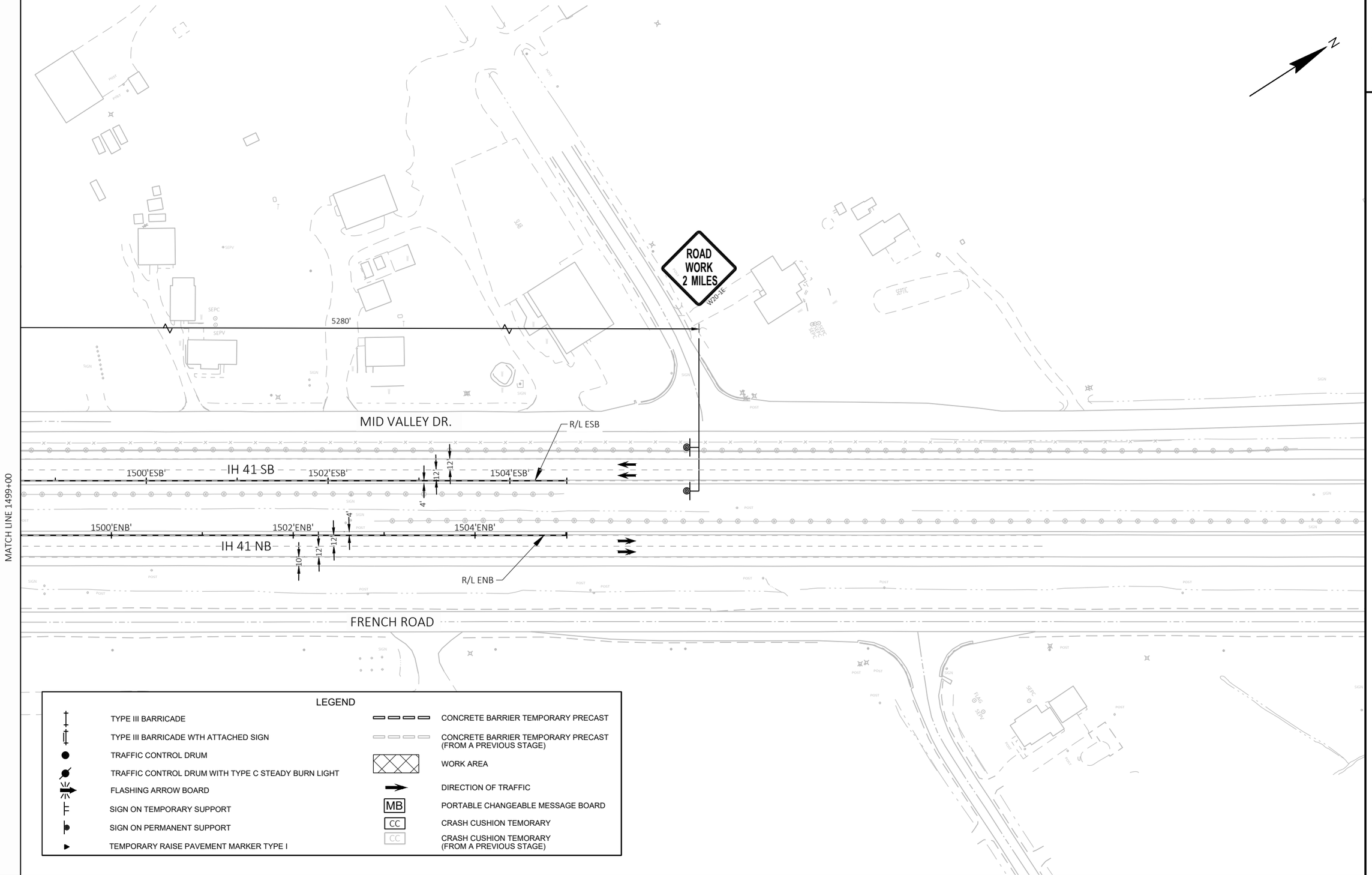
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 124	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _22

PLOT DATE : 12/23/2024 1:01 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 2	SHEET 125	E

FILE NAME : C:\USERS\RYANMA\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC2.DWG
LAYOUT NAME - _23

PLOT DATE : 10/31/2024 1:30 PM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

WEST FRONTAGE ROAD

1216'ESB'
1218'ESB'
1220'ESB'
IH 41 SB
1222'ESB'
R/L ESB
1224'ESB'
1226'ESB'
1228'ESB'
4'
12'
12'
10'

1216'ENB'
1218'ENB'
1220'ENB'
1222'ENB'
IH 41 NB
1224'ENB'
1226'ENB'
1228'ENB'
4'
12'
12'
10'

R/L ENB

SIGN

SPEED LIMIT 55
R2-1
24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

EAST FRONTAGE ROAD

IP
POST

CN RAILROAD

MATCH LINE 1229+60

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 126	E

2

2

MATCH LINE 1229+60

MATCH LINE 1244+60

IH 41 SB

IH 41 NB

EAST FRONTAGE ROAD

CN RAILROAD

1230'ESB' 1232'ESB' 1234'ESB' 1236'ESB' 1238'ESB' 1240'ESB' 1242'ESB' 1244'ESB'

1230'ENB' 1232'ENB' 1234'ENB' 1236'ENB' 1238'ENB' 1240'ENB' 1242'ENB' 1244'ENB'

'ENB'+47.81
19.53' LT

100'

12'

10'

R/L ESB

R/L ENB

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY
6-INCH (WHITE)

SPEED
LIMIT
55
R2-1
24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SIGN

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 127	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _05
PLOT DATE : 12/23/2024 10:05 AM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1244+60

MATCH LINE 1259+60

WEST FRONTAGE ROAD

CTH JJ/EDGEWOOD DR

EAST FRONTAGE ROAD

CN RAILROAD

IH 41,SB

IH 41 NB

R/L ESB

R/L ENB

1246'ESB' 1248'ESB' 1250'ESB' 1252'ESB' 1254'ESB' 1256'ESB' 1258'ESB'

'ENB'+26.71
12.92' LT
1246 ENB

'ENB'+34.70
11.79' LT
1248'ENB'

'ENB'+46.65
8.56' LT
1250'ENB'

'ENB'+36.11
9.24' LT

'ENB'+08.07
8.39' LT
1252'ENB'

1264'ENB'

1256'ENB'

1256'ENB'

2'

12'

10'

4'

100'

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH
(WHITE)

CONNECT PRECAST BARRIER
TO STRUCTURE

SIGN

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 128	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _06

PLOT DATE : 12/23/2024 10:06 AM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1259+60

MATCH LINE 1274+60

BODDE RD

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

IH 41 SB

IH 41 NB

1260'ESB' 1262'ESB' 1264'ESB' 1266'ESB' 1268'ESB' 1270'ESB' 1272'ESB' 1274'ESB'

1260'ENB' 1262'ENB' 1264'ENB' 1266'ENB' 1268'ENB' 1270'ENB' 1272'ENB' 1274'ENB'

R/L ESB

R/L ENB

'ENB'+97.99
9.40' LT

'ENB'+50.07
15.91' LT

12'

12'

10'

12'

8'

27'

100'

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH
(WHITE)

SPEED LIMIT 55
R2-1
24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SIGN

POST

WELL

INL

WALLS

FLAG

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 129	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _07
PLOT DATE : 10/31/2024 2:32 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1274+60

WEST FRONTAGE ROAD

R/L ESB

1276'ESB' 1278'ESB' 1280'ESB' 1282'ESB' 1284'ESB' 1286'ESB' 1288'ESB'

IH 41 SB

12' 10' 4'

1276'ENB' 1278'ENB' 1280'ENB' 1282'ENB' 1284'ENB' 1286'ENB' 1288'ENB'

12' 15' 21'

IH 41 NB

100'

MARKING LINE EPOXY 6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH (WHITE)

R/L ENB

EAST FRONTAGE ROAD

TOWN CLUB RD

MATCH LINE 1289+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 130	E

2

2

MATCH LINE 1289+60

WEST FRONTAGE ROAD

R/L ESB

1290'ESB' 1292'ESB' 1294'ESB' 1296'ESB' 1298'ESB' 1300'ESB' 1302'ESB' 1304'ESB'

IH 41 SB

100'

1290'ENB' 1292'ENB' 1294'ENB' 1296'ENB' 1298'ENB' 1300'ENB' 1302'ENB' 1304'ENB'

IH 41 NB

20' 12' 15' 12' 4' 12' 12' 10'

R/L ENB

EAST FRONTAGE ROAD

MARKING LINE EPOXY 6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH (WHITE)

MATCH LINE 1304+60

SPEED LIMIT 55
R2-1
24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 131	E

2

2

MATCH LINE 1304+60

MATCH LINE 1319+60

WEST FRONTAGE ROAD

R/L ESB

1306'ESB' 1308'ESB' 1310'ESB' 1312'ESB' 1314'ESB' 1316'ESB' 1318'ESB'

IH 41 SB

12' 12' 10' 4'

15'

1306'ENB' 1308'ENB' 1310'ENB' 1312'ENB' 1314'ENB' 1316'ENB' 1318'ENB'

12' 12'

IH 41 NB

100'

R/L ENB

EAST FRONTAGE ROAD

MARKING LINE EPOXY 6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH (WHITE)

SIGN POST RIPRAP U/C

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 132	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _10
PLOT DATE : 10/31/2024 2:39 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1319+60

MATCH LINE 1334+60

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

WRIGHTSTOWN RD

IH 41 SB

IH 41 NB

1320'ESB' 1322'ESB' 1324'ESB' 1326'ESB' 1328'ESB' 1330'ESB' 1332'ESB' 1334'ESB'

1320'ENB 1322'ENB' 1324'ENB' 1326'ENB 1328'ENB' 1330'ENB' 1332'ENB' 1334'ENB'

INL 'ENB'+95.19 8.47' LT

'ENB'+63.09 8.51' LT

'ENB'+56.98 16.28' LT

R/L ESB

R/L ENB

100'

12' 12' 10' 4' 16' 12' 12' 20'

CONNECT PRECAST BARRIER TO STRUCTURE

SPEED LIMIT 55

R2-1 24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

MARKING LINE EPOXY 6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH (WHITE)

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 133	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _11
PLOT DATE : 10/31/2024 2:42 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1334+60

MATCH LINE 1349+60

WEST FRONTAGE ROAD

EAST FRONTAGE ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1336'ESB'

1338'ESB'

1340'ESB'

1342'ESB'

1344'ESB'

1346'ESB'

1348'ESB'

'ENB'+12.49
16.36' LT

'ENB'+79.82
29.05' LT

'ENB'+76.85
16.24' LT

'ENB'+94.86
16.13' LT

1336'ENB'

1338'ENB'

1340'ENB'

1342'ENB'

1344'ENB'

1346'ENB'

1348'ENB'

12'

10'

4'

15'

21'

100'

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

POST

SIGN

U/C

A/C

SEPC

SEPTIC

WELL

FOOTBRIDGE

GOLF COURSE

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 134	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _12

PLOT DATE : 10/31/2024 2:45 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1349+60

MATCH LINE 1364+60

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

SWEF RAMP

EAST FRONTAGE ROAD

1350'ESB' 1352'ESB' 1354'ESB' 1356'ESB' 1358'ESB' 1360'ESB' 1362'ESB' 1364'ESB'

1350'ENB' 1352'ENB' 1354'ENB' 1356'ENB' 1358'ENB' 1360'ENB' 1362'ENB' 1364'ENB'

4' 12' 12' 10' 100' 12' 12' 26'

R/L ESB

R/L ENB

MARKING LINE EPOXY 6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH (WHITE)

MAINTAIN ACCESS FOR SITE CONTRACTOR

SPEED LIMIT 55

R2-1 24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SIGN

POST

CEMETERY

GOLF GREEN

SEPTIC

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 135	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _13
PLOT DATE : 10/31/2024 2:48 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

R/L ESB

R/L ENB

1366'ESB'
1368'ESB'
1370'ESB'
1372'ESB'
1374'ESB'
1376'ESB'
1378'ESB'

1366'ENB'
1368'ENB'
1370'ENB'
1372'ENB'
1374'ENB'
1376'ENB'
1378'ENB'

100'

MARKING LINE EPOXY 6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE)

MARKING LINE EPOXY 6-INCH (WHITE 12.5' LINE/37.5' SKIP)

SPEED LIMIT 55
R2-1
24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

MATCH LINE 1364+60

MATCH LINE 1379+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 136	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _14
PLOT DATE : 10/31/2024 2:51 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1379+60

WEST FRONTAGE ROAD

IH 41 SB

IH 41 NB

EAST FRONTAGE ROAD

R/L ESB

R/L ENB

'ENB'+50
26.74' LT

'ENB'+13.67
15.55' LT

'ENB'+90.04
23.94' RT

1380'ESB' 1382'ESB' 1384'ESB' 1386'ESB' 1388'ESB' 1390'ESB' 1392'ESB' 1394'ESB'

1380'ENB' 1382'ENB' 1384'ENB' 1386'ENB' 1388'ENB' 1390'ENB' 1392'ENB' 1394'ENB'

NEW MARKING LINE PAINT 10-INCH
(WHITE)

MARKING LINE EPOXY
6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 10-INCH
(WHITE 3' LINE/9' SKIP)

MARKING LINE EPOXY 6-INCH
(WHITE)

EXIT 154
U
Wrightstown
Hobart

FIXED MESSAGE SIGN PORTABLE SUPPORT

MATCH LINE 1394+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 137	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _15

PLOT DATE : 10/31/2024 2:54 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1394+60

WEST FRONTAGE ROAD

IH 41 SB

1396'ESB' 1398'ESB' 1400'ESB' 1402'ESB' 1404'ESB' 1406'ESB' 1408'ESB'

R/L ESB

R/L ENB

100'

1396'ENB' 1398'ENB' 1400'ENB' 1402'ENB' 1404'ENB' 1406'ENB' 1408'ENB'

'ENB'+43.68
16.10' LT

'ENB'+94.04
22.79' LT

RAMP UC

19'

5'

12'

12'

10'

4"

16'

12'

12'

IH 41 NB

15'

RAMP UB

'ENB'+25.57
35.79' RT

'ENB'+65.95
23.82' RT

MARKING LINE EPOXY 10-INCH
(WHITE)

MARKING LINE EPOXY 10-INCH
(WHITE 3' LINE/9' SKIP)

MARKING LINE EPOXY 6-INCH
(WHITE)

EAST FRONTAGE ROAD

SPEED
LIMIT
55
R2-1
24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

CONNECT PRECAST BARRIER TO STRUCTURE

15'

122'USBT'

122'UNBT'

CTH U

120'USBT'

120'UNBT'

MATCH LINE 1409+60

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 138	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _16

PLOT DATE : 10/31/2024 2:56 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1409+60

MATCH LINE 1424+60

CTH U/COUNTY LINE ROAD

RAMP UD

RAMP UA

128'USBT'

128'UNBT'

126'USBT'

126'UNBT'

124'USBT'

124'UNBT'

TRAFFIC CAMERA

IH 41 SB

IH 41 NB

1410'ESB' 1412'ESB' 1414'ESB' 1416'ESB' 1418'ESB' 1420'ESB' 1422'ESB' 1424'ESB'

1410'ENB' 1412'ENB' 1414'ENB' 1416'ENB' 1418'ENB' 1420'ENB' 1422'ENB' 1424'ENB'

'ENB'+05.16
26.09' LT

'ENB'+00.73
4.15' LT

'ENB'+82.62
24.00' RT

100'

R/L ESB

R/L ENB

CONNECT PRECAST BARRIER TO STRUCTURE

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 10-INCH
(WHITE)

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 139	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _17

PLOT DATE : 10/31/2024 2:59 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1424+60

MID VALLEY DR.

1426'ESB' 1428'ESB' 1430'ESB' 1432'ESB' 1434'ESB' 1436'ESB' 1438'ESB'

R/L ESB

IH 41 SB

14'

12'

10'

4'

2'

1426'ENB' 1428'ENB' 1430'ENB' 1432'ENB' 1434'ENB' 1436'ENB' 1438'ENB'

IH 41 NB

'ENB'+59.46
24.01' RT

R/L ENB

FRENCH ROAD

CONNECT PRECAST
BARRIER TO STRUCTURE

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH
(WHITE)

SPEED
LIMIT
55
R2-1
24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

MATCH LINE 1439+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 140	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _18
PLOT DATE : 10/31/2024 3:01 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1439+60

MID VALLEY DR.

R/L ESB

1440'ESB' 1442'ESB' 1444'ESB' 1446'ESB' IH 41 SB 1448'ESB' 1450'ESB' 1452'ESB' 1454'ESB'

12' 12' 10'

4'

1440'ENB' 1442'ENB' 1444'ENB' 1446'ENB' 1448'ENB' 1450'ENB' 1452'ENB' 1454'ENB'

'ENB'+00.78
4.24' LT

'ENB'+18.71
16.25' LT

2'

10' 12' 12'

TH 41 NB

R/L ENB

100'

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH
(WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH
(WHITE)

FRENCH ROAD

APPLE PL.

APPLE CREEK ROAD

MATCH LINE 1454+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 141	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _19
PLOT DATE : 10/31/2024 3:04 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1454+60

MID VALLEY DR.

R/L ESB

IH 41 SB

1456'ESB' 1458'ESB' 1460'ESB' 1462'ESB' 1464'ESB' 1466'ESB' 1468'ESB'

4' 12' 12' 10'

1456 ENB 1458 ENB 1460 ENB 1462 ENB 1464 ENB 1466 ENB 1468 ENB

15' 12' 12'

IH 41 NB

100'

FRENCH ROAD

R/L ENB

MARKING LINE EPOXY 6-INCH (YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE 12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH (WHITE)

SPEED LIMIT 55

R2-1 24"X30"

SPEED REDUCTION SIGNS ONLY NEEDED DURING NIGHTTIME CLOSURES NO DAYTIME SPEED REDUCTION NECESSARY

MATCH LINE 1469+60

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 142	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _20
PLOT DATE : 10/31/2024 3:07 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

MATCH LINE 1469+60

MATCH LINE 1484+60

MID VALLEY DR.

IH 41 SB

1470'ESB' 1472'ESB' 1474'ESB' 1476'ESB' 1478'ESB' 1480'ESB' 1482'ESB' 1484'ESB'

R/L ESB

100'

12' 10'

'ENB'+32.62
17.02' LT

'ENB'+21.37
26.48' LT

1470'ENB' 1472'ENB' 1474'ENB' 1476'ENB' 1478'ENB' 1480'ENB' 1482'ENB' 1484'ENB'

12' 12'

IH 41 NB

100'

R/L ENB

FRENCH ROAD

MARKING LINE EPOXY 6-INCH
(YELLOW)

MARKING LINE EPOXY 6-INCH (WHITE
12.5' LINE/37.5' SKIP)

MARKING LINE EPOXY 6-INCH (WHITE)

SPEED REDUCTION SIGNS ONLY NEEDED
DURING NIGHTTIME CLOSURES
NO DAYTIME SPEED REDUCTION NECESSARY

SPEED LIMIT 55
R2-1
24"X30"

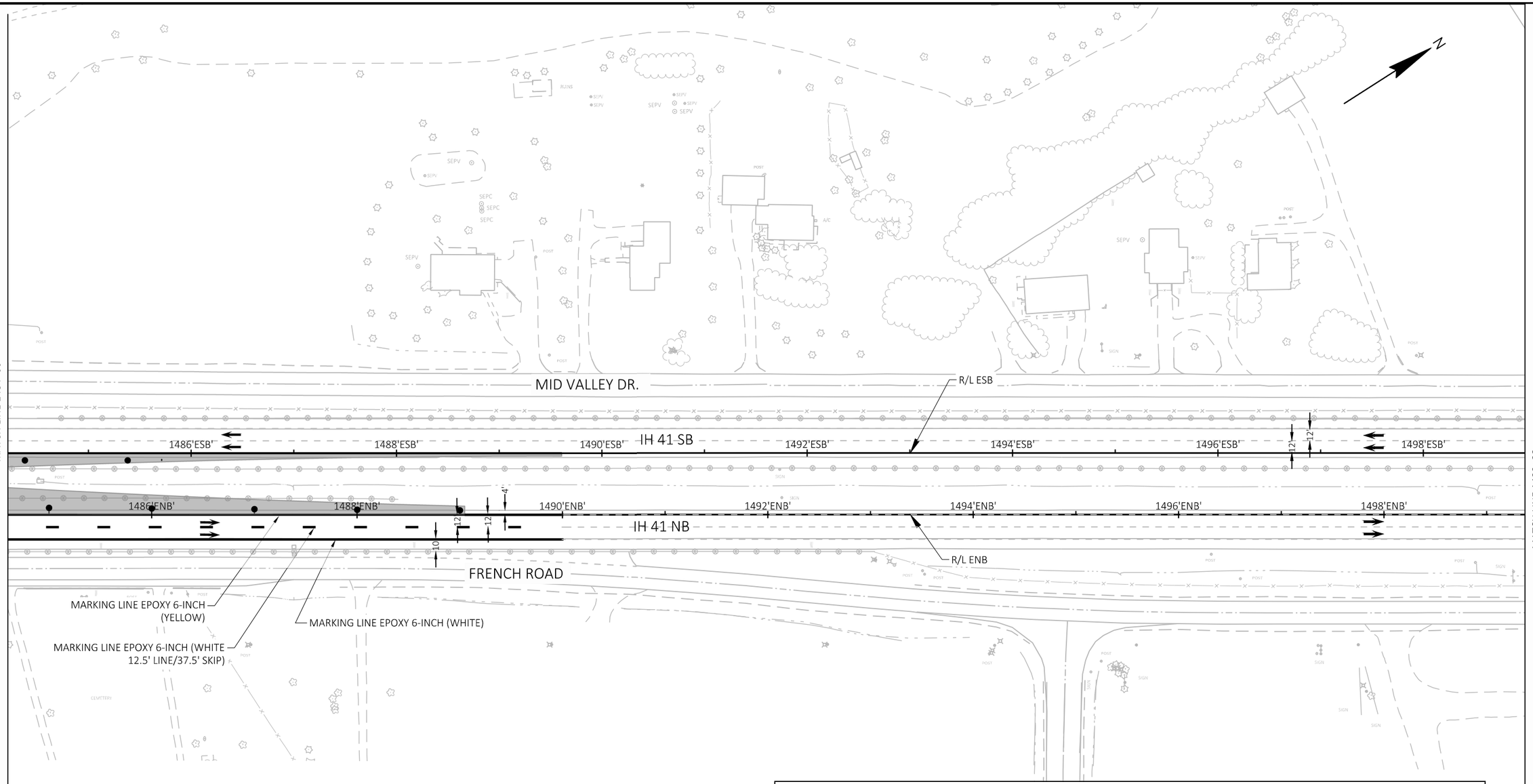
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TEMPORARY RAISE PAVEMENT MARKER TYPE I
- CONCRETE BARRIER TEMPORARY PRECAST
- CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- CRASH CUSHION TEMORARY
- CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 143	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _21
PLOT DATE : 12/23/2024 10:08 AM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

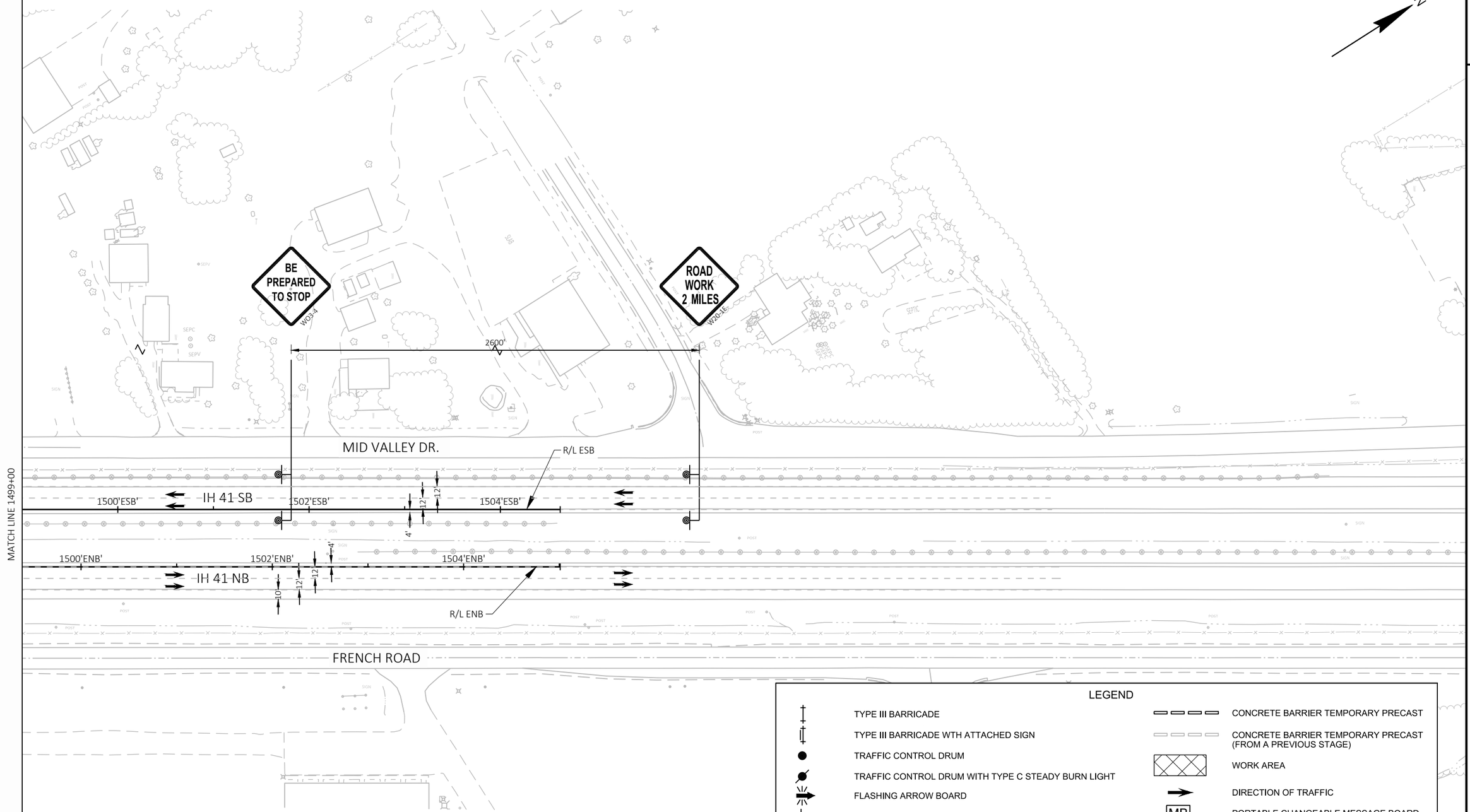
2



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 144	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _22
PLOT DATE : 12/23/2024 10:10 AM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WTH ATTACHED SIGN	CONCRETE BARRIER TEMPORARY PRECAST (FROM A PREVIOUS STAGE)
TRAFFIC CONTROL DRUM	WORK AREA
TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT	DIRECTION OF TRAFFIC
FLASHING ARROW BOARD	PORTABLE CHANGEABLE MESSAGE BOARD (MB)
SIGN ON TEMPORARY SUPPORT	CRASH CUSHION TEMORARY
SIGN ON PERMANENT SUPPORT	CRASH CUSHION TEMORARY (FROM A PREVIOUS STAGE)
TEMPORARY RAISE PAVEMENT MARKER TYPE I	

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	TRAFFIC CONTROL - STAGE 3 (LEFT IN PLACE)	SHEET 145	E

FILE NAME : C:\USERS\DINAASSAD\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC3.DWG
LAYOUT NAME - _23
PLOT DATE : 10/31/2024 3:20 PM PLOT BY : DINA ASSAD PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

R11-3 MOD.
60"X30"

TYPE III BARRICADE

PLACE ON SB CTH U AT CTH S (XX=2 $\frac{1}{2}$)
PLACE ON NB CTH U AT WRIGHTSTOWN RD (XX=1 $\frac{1}{2}$)
PLACE ON NB CTH U AT STH 96 (XX=1 $\frac{3}{4}$)

N

EAST FRONTAGE ROAD

WEST FRONTAGE ROAD

RAMP UB

RAMP UC

RAMP UA

RAMP UD

FRENCH ROAD

CTH U/COUNTY LINE RD.

IH 41 SB

IH 41 NB

1406'ENB'
1406'ESB'
1408'ENB'
1408'ESB'
1410'ENB'
1410'ESB'
1412'ENB'
1412'ESB'
1414'ENB'
1414'ESB'
1416'ENB'
1416'ESB'

R/L ESB
R/L ENB
R/L USBT
R/L UNBT

118'USBT'
118'UNBT'
120'USBT'
120'UNBT'
122'USBT'
122'UNBT'
124'USBT'
124'UNBT'
126'USBT'
126'UNBT'
128'USBT'
128'UNBT'

ROAD CLOSED
R11-2
48"X30"

ROAD CLOSED
R11-2
48"X30"

15'
16'
15'
14'
25'
25'
12'
12'
12'
12'
12'
12'

TRAFFIC CAMERA

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE	CTH U - TRAFFIC CONTROL - STAGE 1	SHEET 146	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\025101-TC1_CTH U.DWG
LAYOUT NAME - _01

PLOT DATE : 11/1/2024 5:51 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:
REFER TO S.D.D. "TRAFFIC CONTROL TWO LANE FULL FREEWAY CLOSURE" FOR ADDITIONAL DETAILS

2

2

N

CTH S

CTH JJ

GOLDEN GLOW RD.

MID VALLEY RD

FRENCH RD

23

27

CTH UU

DETAIL B

CTH DDD

CN

DETOUR ROUTE

DETAIL C

TOWN CLUB RD.

18

STH 96

CTH J

STH 55/DELANGLADE ST.

CTH JJ

CTH OO

DETAIL A

IH 41

18

14

STH 96

CTH J

FOX RIVER

CTH ZZ

16

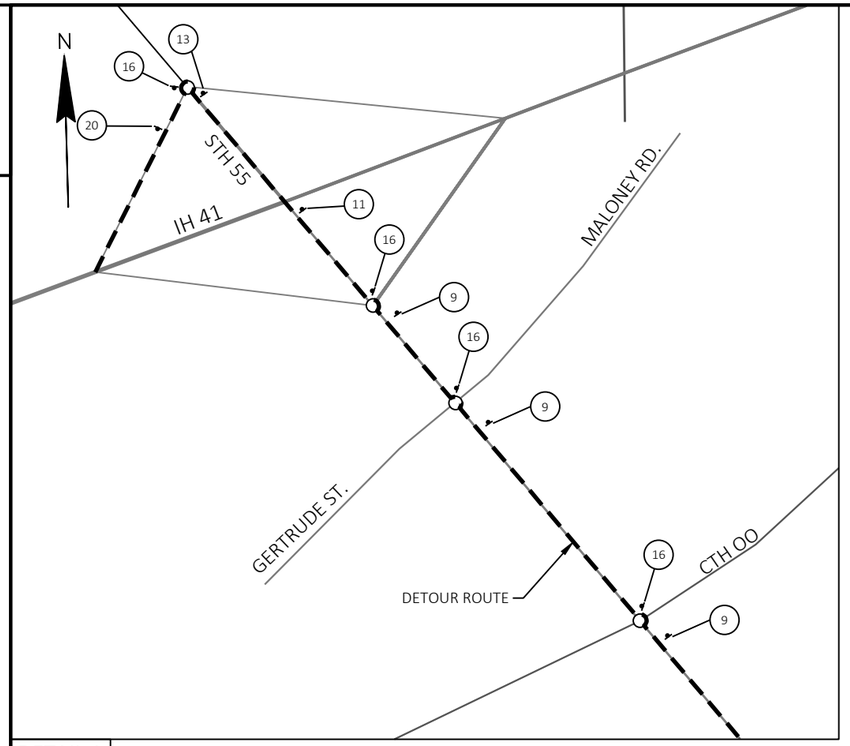
CN

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE/BROWN	DETOUR PLAN - IH 41 SB - SOUTH OF CTH U	SHEET 147	E

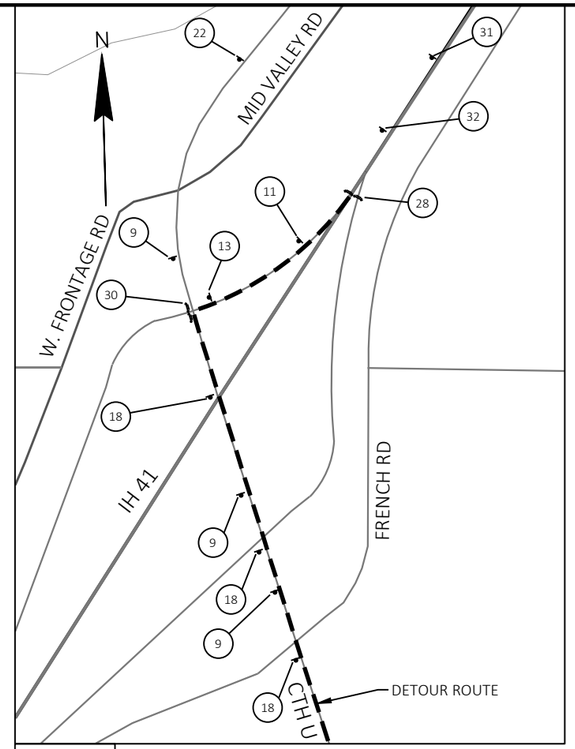
FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\027002_DT.DWG
LAYOUT NAME - IH41 SB (S of U)

PLOT DATE : 10/29/2024 10:16 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN: 5000 FT

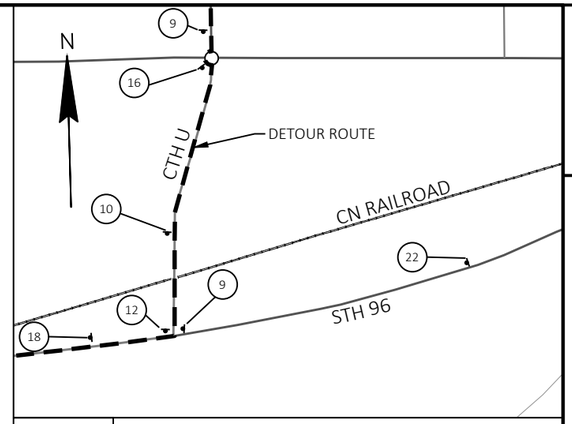
WISDOT/CADDS SHEET 42



DETAIL A



DETAIL B



DETAIL C

9	10	11	12	13	14	16	18	20	22
TO	TO	TO	TO	TO	TO	TO	TO	END DETOUR	SOUTH
M04-5 24"X12"	M04-5 24"X12"	M04-5 24"X12"	M04-5 24"X12"	M04-5 24"X12"	M04-5 24"X12"	M04-5 24"X12"	M04-5 24"X12"	M4-8A 24"X18"	M3-3 24"X12"
SOUTH	SOUTH	SOUTH	SOUTH	SOUTH	SOUTH	SOUTH	SOUTH	SOUTH	INTERSTATE 41
M3-3 24"X12"	M3-3 24"X12"	M3-3 24"X12"	M3-3 24"X12"	M3-3 24"X12"	M3-3 24"X12"	M3-3 24"X12"	M3-3 24"X12"	M3-3 24"X12"	M1-1 24"X24"
INTERSTATE 41	INTERSTATE 41	INTERSTATE 41	INTERSTATE 41	INTERSTATE 41	INTERSTATE 41	INTERSTATE 41	INTERSTATE 41	INTERSTATE 41	DETOUR AHEAD W20-2A
M1-1 24"X24"	M1-1 24"X24"	M1-1 24"X24"	M1-1 24"X24"	M1-1 24"X24"	M1-1 24"X24"	M1-1 24"X24"	M1-1 24"X24"	M1-1 24"X24"	
M06-1 21"X21"	M05-1R 21"X21"	M05-1L 21"X21"	M06-1 21"X21"	M06-1 21"X21"	M05-2R 21"X21"	M06-2 21"X21"			

FOR IH 41 MAINLINE ONLY

31	32
TO	TO
M04-5 36"X18"	M4-5 36"X18"
SOUTH	SOUTH
M3-3 36"X18"	M3-3 36"X18"
INTERSTATE 41	INTERSTATE 41
M1-1 36"X36"	M1-1 36"X36"
M05-2R 30"X30"	M06-2 30"X30"

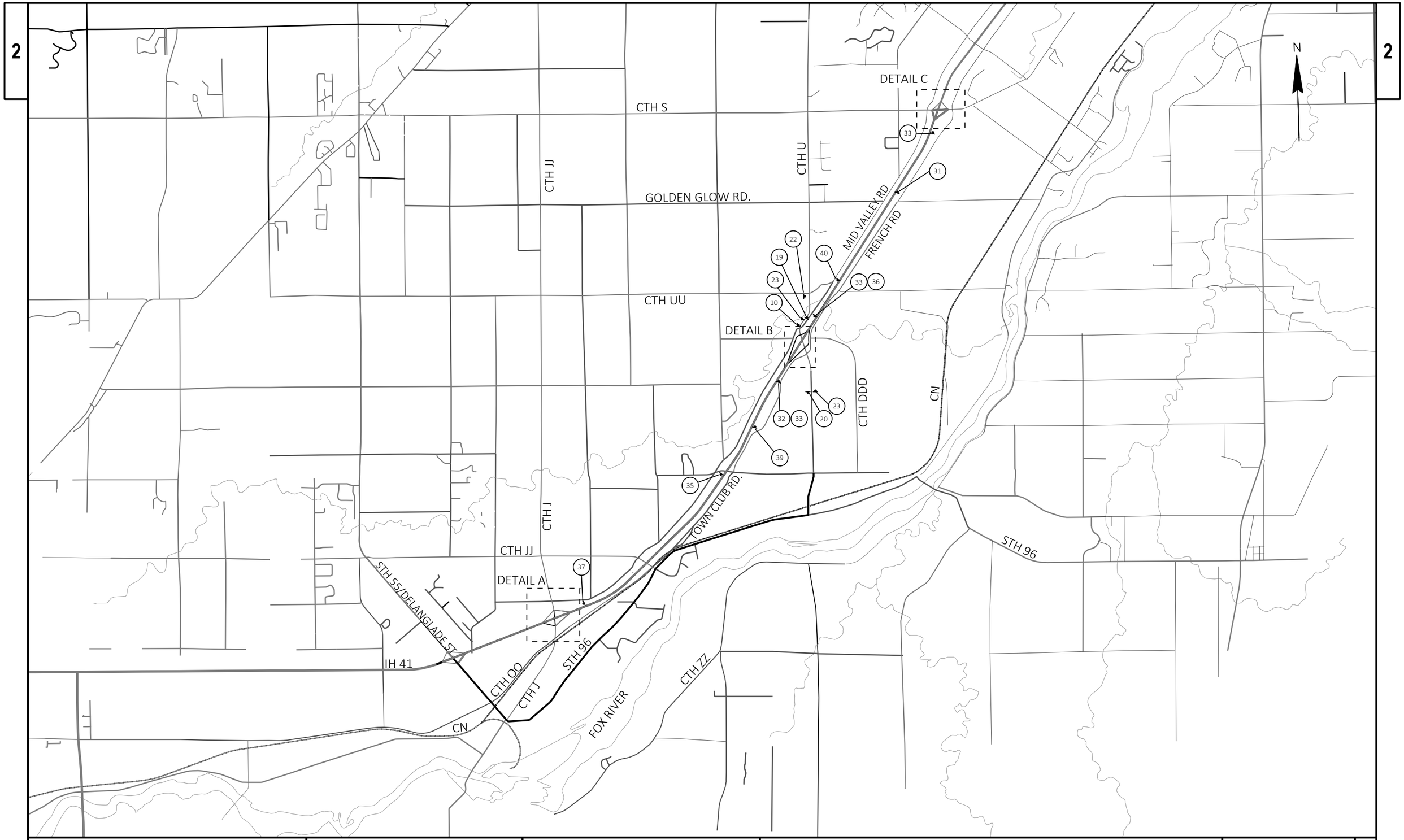
23	27	28	30
DETOUR AHEAD W20-2A	NO ACCESS IH 41 SOUTH USE EXIT 154	R11-2 48" X 30" ROAD CLOSED	R11-2R 48" X 30" RAMP CLOSED
	G20-57 96"X48"	TYPE III BARRICADE	TYPE III BARRICADE

ALL SIGNS 48"X48" UNLESS OTHERWISE NOTED

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE/BROWN	DETOUR PLAN - IH 41 SB - SOUTH OF CTH U DETAILS	SHEET 148	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\027002_DT.DWG
LAYOUT NAME - IH41 SB Details (S of U)

PLOT DATE : 10/29/2024 10:16 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : ##############

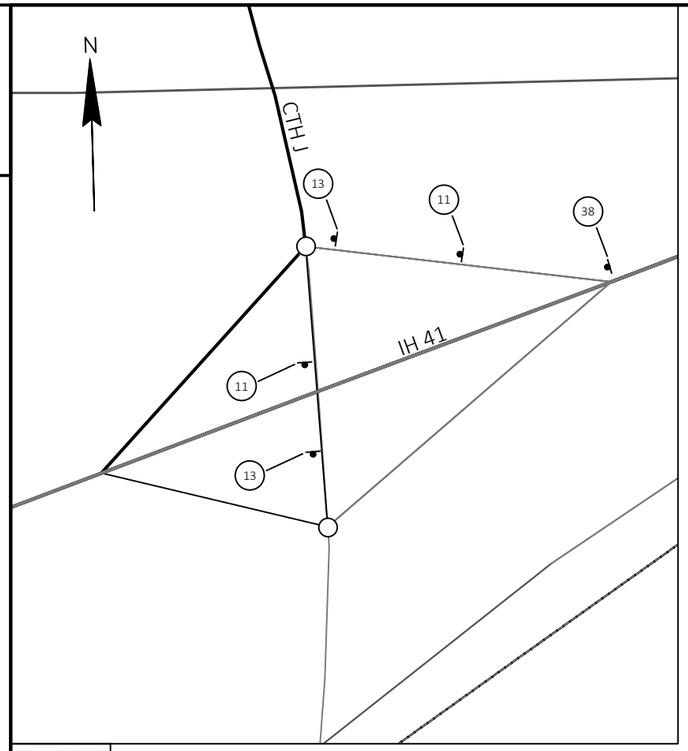


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE/BROWN	CTH U DETOUR PLAN - UNDERNEATH BRIDGE CLOSURE	SHEET 149	E

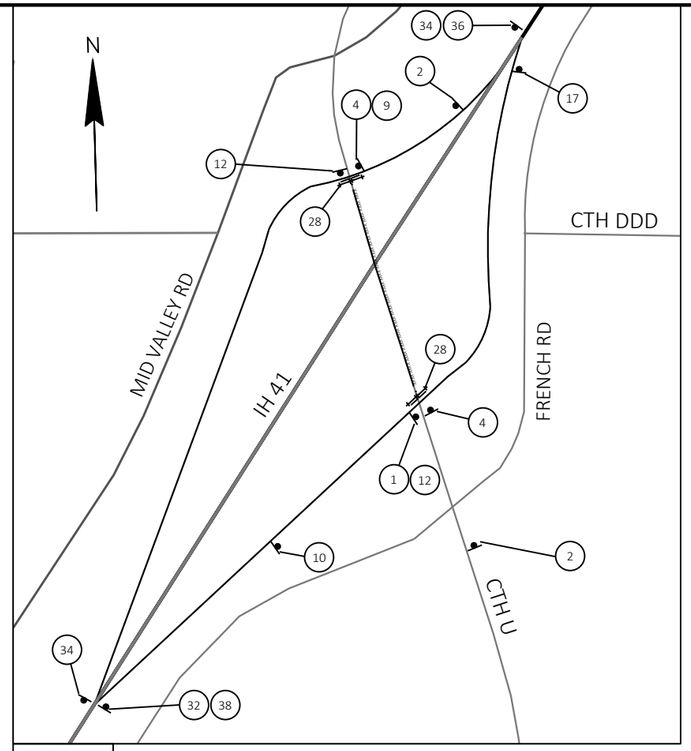
FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\027002_DT_U.DWG
LAYOUT NAME - CTH U_TempBridgeClosure

PLOT DATE : 10/29/2024 10:14 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN: 5000 FT

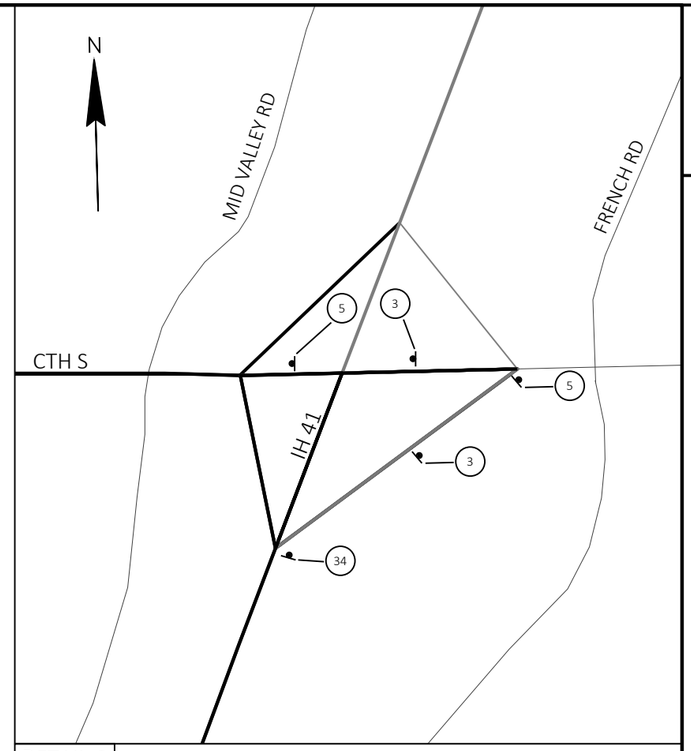
WISDOT/CADDS SHEET 42



DETAIL A

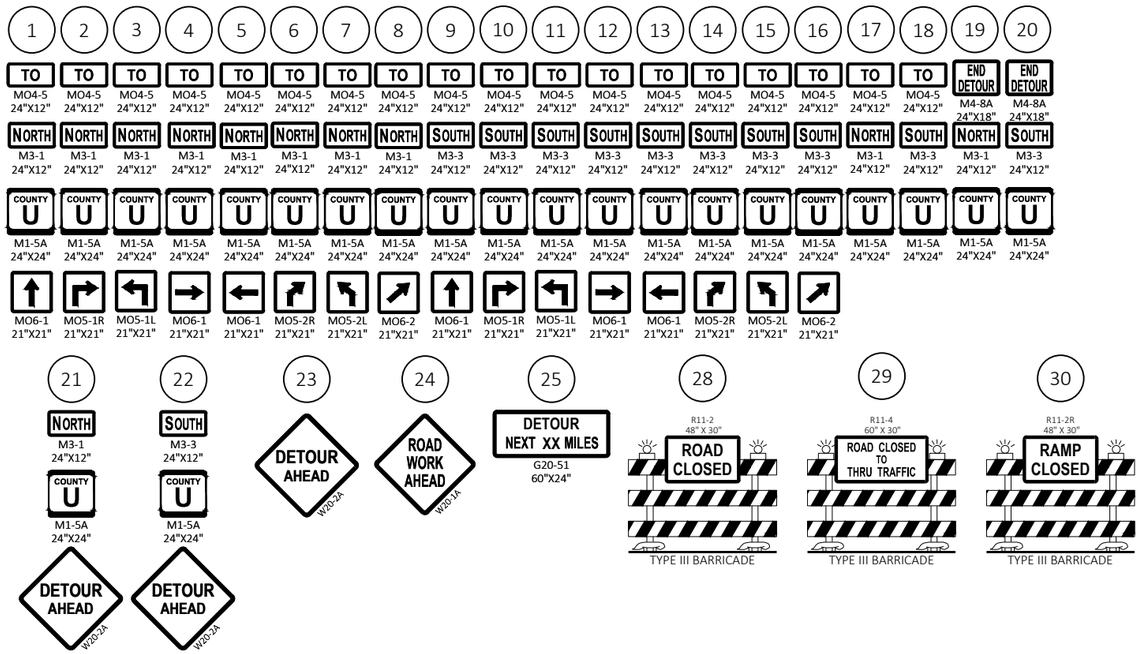


DETAIL B

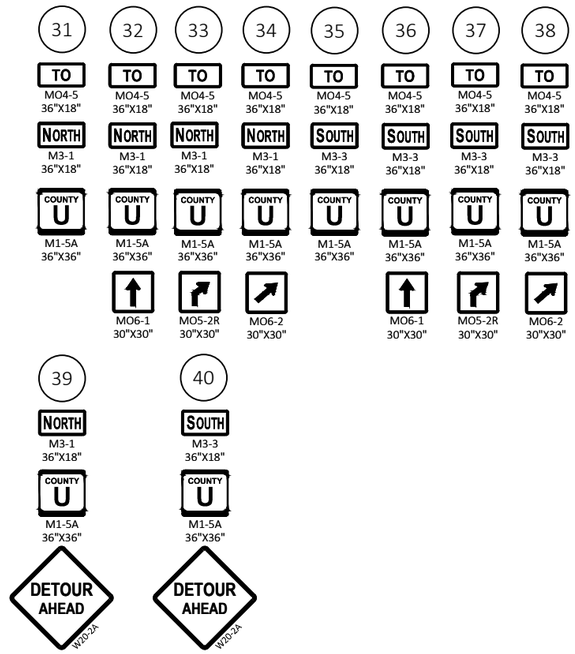


DETAIL C

2



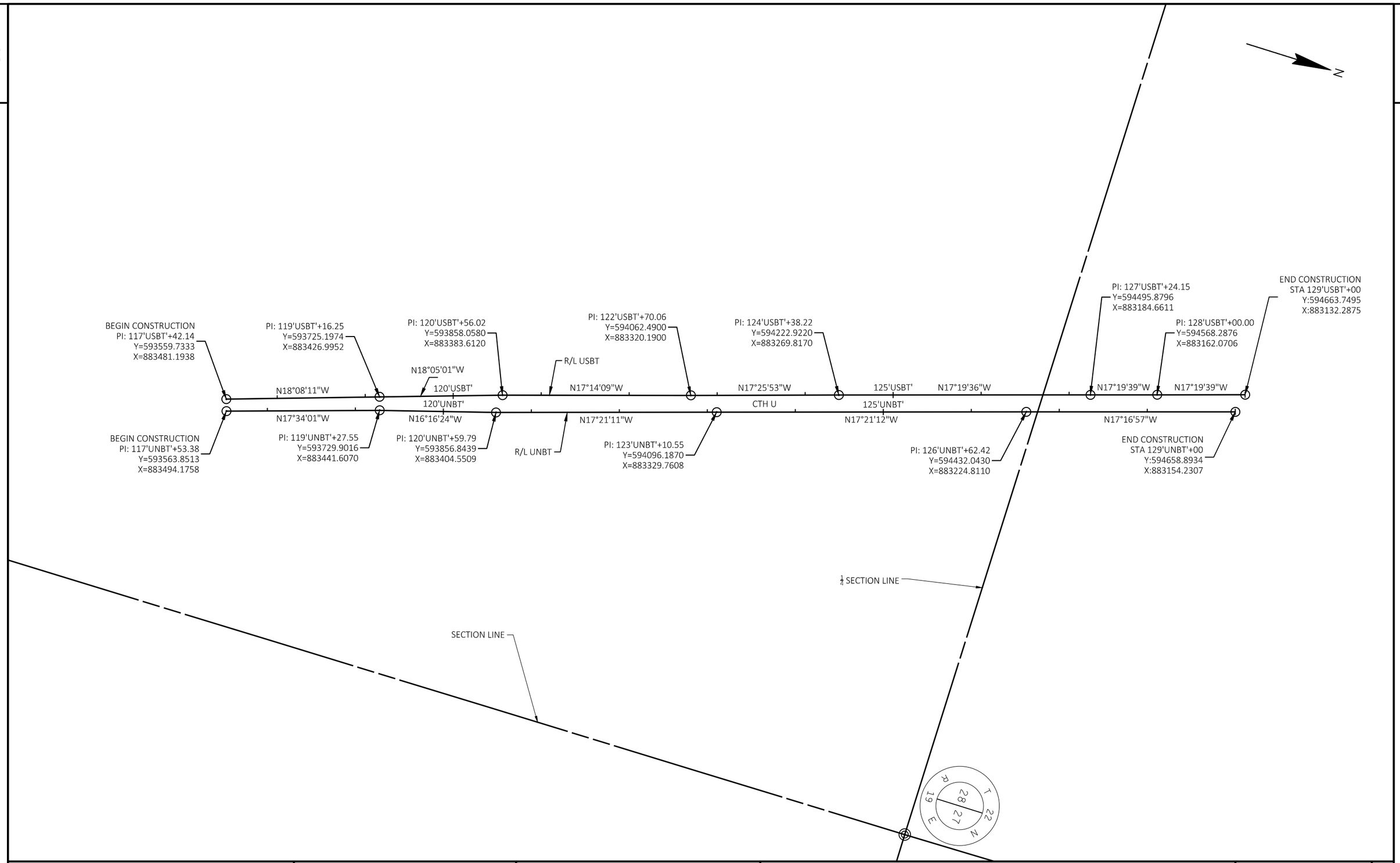
FOR IH 41 MAINLINE ONLY



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE/BROWN	DETAILS A,B,C & SIGNS/BARRICADES	SHEET 150	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\027002_DT_U.DWG
LAYOUT NAME - DETAILS
PLOT DATE : 10/29/2024 10:14 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : ##############
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	ALIGNMENT PLAN - CTH U	SHEET 151	E

Estimate Of Quantities

1130-67-71

Line	Item	Item Description	Unit	Total	Qty
0002	204.0100	Removing Concrete Pavement	SY	1,840.000	1,840.000
0004	204.0130	Removing Curb	LF	55.000	55.000
0006	204.0165	Removing Guardrail	LF	2,275.000	2,275.000
0008	204.0180	Removing Delineators and Markers	EACH	95.000	95.000
0010	204.0190	Removing Surface Drains	EACH	2.000	2.000
0012	204.0220	Removing Inlets	EACH	9.000	9.000
0014	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	110.000	110.000
0016	204.0245	Removing Storm Sewer (size) 02. 18-Inch	LF	211.000	211.000
0018	204.0245	Removing Storm Sewer (size) 03. 24-Inch	LF	415.000	415.000
0020	204.0245	Removing Storm Sewer (size) 04. 30-Inch	LF	28.000	28.000
0022	204.0246	Removing Ancillary Structure (structure) 01. S-44-136	EACH	1.000	1.000
0024	204.0246	Removing Ancillary Structure (structure) 02. S-44-143	EACH	1.000	1.000
0026	204.0280	Sealing Pipes	EACH	2.000	2.000
0028	204.9060.S	Removing (item description) 01. Apron Endwalls	EACH	1.000	1.000
0030	205.0100	Excavation Common	CY	150,093.000	150,093.000
0032	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 1130-67-71	EACH	1.000	1.000
0034	213.0100	Finishing Roadway (project) 01. 1130-67-71	EACH	1.000	1.000
0036	305.0110	Base Aggregate Dense 3/4-Inch	TON	170.000	170.000
0038	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	53,345.000	53,345.000
0040	312.0110	Select Crushed Material	TON	214,335.000	214,335.000
0042	455.0605	Tack Coat	GAL	6,495.000	6,495.000
0044	465.0105	Asphaltic Surface	TON	25,930.000	25,930.000
0046	465.0315	Asphaltic Flumes	SY	20.000	20.000
0048	522.0418	Culvert Pipe Reinforced Concrete Class IV 18-Inch	LF	45.000	45.000
0050	522.1015	Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	EACH	1.000	1.000
0052	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	5.000	5.000
0054	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	5.000	5.000
0056	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	1.000	1.000
0058	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	850.000	850.000
0060	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	410.000	410.000
0062	603.8000	Concrete Barrier Temporary Precast Delivered	LF	70,583.000	70,583.000
0064	603.8125	Concrete Barrier Temporary Precast Installed	LF	74,373.000	74,373.000
0066	603.8500	Anchoring Concrete Barrier Temporary Precast	LF	1,345.000	1,345.000
0068	606.0200	Riprap Medium	CY	35.000	35.000
0070	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	14.000	14.000
0072	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	117.000	117.000
0074	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	489.000	489.000
0076	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	1,513.000	1,513.000
0078	608.0430	Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	LF	1,487.000	1,487.000
0080	608.0436	Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	LF	311.000	311.000
0082	608.2314	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 14x23-Inch	LF	222.000	222.000
0084	608.2324	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF	9.000	9.000
0086	611.0420	Reconstructing Manholes	EACH	4.000	4.000
0088	611.0530	Manhole Covers Type J	EACH	2.000	2.000
0090	611.0545	Manhole Covers Type L	EACH	2.000	2.000
0092	611.0606	Inlet Covers Type B	EACH	2.000	2.000
0094	611.0639	Inlet Covers Type H-S	EACH	2.000	2.000
0096	611.0642	Inlet Covers Type MS	EACH	14.000	14.000
0098	611.2004	Manholes 4-FT Diameter	EACH	1.000	1.000

1130-67-71

Line	Item	Item Description	Unit	Total	Qty
0100	611.2005	Manholes 5-FT Diameter	EACH	23.000	23.000
0102	611.2006	Manholes 6-FT Diameter	EACH	3.000	3.000
0104	611.2007	Manholes 7-FT Diameter	EACH	1.000	1.000
0106	611.3004	Inlets 4-FT Diameter	EACH	2.000	2.000
0108	611.3230	Inlets 2x3-FT	EACH	2.000	2.000
0110	611.3901	Inlets Median 1 Grate	EACH	2.000	2.000
0112	611.3902	Inlets Median 2 Grate	EACH	6.000	6.000
0114	612.0106	Pipe Underdrain 6-Inch	LF	750.000	750.000
0116	614.0905	Crash Cushions Temporary	EACH	2.000	2.000
0118	616.0405	Fence Chain Link Salvaged 5-FT	LF	3,910.000	3,910.000
0120	616.0700.S	Fence Safety	LF	5,585.000	5,585.000
0122	618.0100	Maintenance and Repair of Haul Roads (project) 01. 1130-67-71	EACH	1.000	1.000
0124	619.1000	Mobilization	EACH	1.000	1.000
0126	624.0100	Water	MGAL	4,025.000	4,025.000
0128	625.0500	Salvaged Topsoil	SY	53,160.000	53,160.000
0130	628.1504	Silt Fence	LF	17,860.000	17,860.000
0132	628.1520	Silt Fence Maintenance	LF	35,720.000	35,720.000
0134	628.1905	Mobilizations Erosion Control	EACH	15.000	15.000
0136	628.1910	Mobilizations Emergency Erosion Control	EACH	10.000	10.000
0138	628.2002	Erosion Mat Class I Type A	SY	53,160.000	53,160.000
0140	628.7005	Inlet Protection Type A	EACH	30.000	30.000
0142	628.7010	Inlet Protection Type B	EACH	5.000	5.000
0144	628.7015	Inlet Protection Type C	EACH	3.000	3.000
0146	628.7020	Inlet Protection Type D	EACH	3.000	3.000
0148	628.7504	Temporary Ditch Checks	LF	130.000	130.000
0150	628.7515.S	Stone Ditch Checks	CY	550.000	550.000
0152	628.7555	Culvert Pipe Checks	EACH	70.000	70.000
0154	628.7560	Tracking Pads	EACH	10.000	10.000
0156	628.7570	Rock Bags	EACH	750.000	750.000
0158	629.0210	Fertilizer Type B	CWT	34.000	34.000
0160	630.0130	Seeding Mixture No. 30	LB	2,410.000	2,410.000
0162	630.0500	Seed Water	MGAL	1,180.000	1,180.000
0164	633.5200	Markers Culvert End	EACH	12.000	12.000
0166	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	5.000	5.000
0168	634.0816	Posts Tubular Steel 2x2-Inch X 16-FT	EACH	30.000	30.000
0170	638.2102	Moving Signs Type II	EACH	65.000	65.000
0172	638.2601	Removing Signs Type I	EACH	6.000	6.000
0174	638.2602	Removing Signs Type II	EACH	10.000	10.000
0176	638.3000	Removing Small Sign Supports	EACH	13.000	13.000
0178	638.3100	Removing Structural Steel Sign Supports	EACH	8.000	8.000
0180	638.4000	Moving Small Sign Supports	EACH	70.000	70.000
0182	643.0300	Traffic Control Drums	DAY	59,030.000	59,030.000
0184	643.0420	Traffic Control Barricades Type III	DAY	2,178.000	2,178.000
0186	643.0705	Traffic Control Warning Lights Type A	DAY	4,356.000	4,356.000
0188	643.0715	Traffic Control Warning Lights Type C	DAY	2,490.000	2,490.000
0190	643.0800	Traffic Control Arrow Boards	DAY	267.000	267.000
0192	643.0900	Traffic Control Signs	DAY	29,472.000	29,472.000
0194	643.0920	Traffic Control Covering Signs Type II	EACH	320.000	320.000
0196	643.1000	Traffic Control Signs Fixed Message	SF	202.500	202.500

Estimate Of Quantities

1130-67-71

Line	Item	Item Description	Unit	Total	Qty
0198	643.1050	Traffic Control Signs PCMS	DAY	67.000	67.000
0200	643.3165	Temporary Marking Line Paint 6-Inch	LF	64,525.000	64,525.000
0202	643.3265	Temporary Marking Line Paint 10-Inch	LF	1,130.000	1,130.000
0204	643.3760	Temporary Marking Raised Pavement Marker Type I	EACH	930.000	930.000
0206	643.5000	Traffic Control	EACH	1.000	1.000
0208	645.0120	Geotextile Type HR	SY	109.000	109.000
0210	645.0130	Geotextile Type R	SY	1,150.000	1,150.000
0212	645.0140	Geotextile Type SAS	SY	31,550.000	31,550.000
0214	645.0220	Geogrid Type SR	SY	31,550.000	31,550.000
0216	646.2020	Marking Line Epoxy 6-Inch	LF	62,655.000	62,655.000
0218	646.4020	Marking Line Epoxy 10-Inch	LF	1,130.000	1,130.000
0220	646.9000	Marking Removal Line 4-Inch	LF	64,525.000	64,525.000
0222	646.9100	Marking Removal Line 8-Inch	LF	1,130.000	1,130.000
0224	646.9300	Marking Removal Special Marking	EACH	2.000	2.000
0226	690.0150	Sawing Asphalt	LF	22,230.000	22,230.000
0228	690.0250	Sawing Concrete	LF	560.000	560.000
0230	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0232	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	4,400.000	4,400.000
0234	SPV.0060	Special 01. Cover Plates	EACH	52.000	52.000
0236	SPV.0060	Special 02. Reconnect Storm Sewer	EACH	13.000	13.000
0238	SPV.0060	Special 03. Storm Sewer Plug	EACH	2.000	2.000
0240	SPV.0060	Special 04. Fixed Message Sign Portable Support	EACH	2.000	2.000
0242	SPV.0060	Special 05. Emergency Response to Traffic Involving Concrete Barrier Temporary	EACH	10.000	10.000
0244	SPV.0060	Special 06. Emergency Response to Traffic Involving Crash Cushion Temporary	EACH	10.000	10.000
0246	SPV.0060	Special 07. Crash Cushions Temporary Left in Place	EACH	7.000	7.000
0248	SPV.0060	Special 08. Construction Staking Survey Project 1130-67-71	EACH	1.000	1.000
0250	SPV.0075	Special 01. Street Sweeping	HRS	175.000	175.000
0252	SPV.0090	Special 01. Removal and Salvage of High-Tension Cable Guard and Posts	LF	27,705.000	27,705.000
0254	SPV.0090	Special 02. HMA Longitudinal Joint Repair	LF	9,485.000	9,485.000
0256	SPV.0090	Special 03. Drain Slotted Vane Permanent	LF	1,548.000	1,548.000
0258	SPV.0090	Special 04. Concrete Barrier Temporary Precast Left in Place	LF	29,863.000	29,863.000
0260	SPV.0090	Special 05. Safety Fence Special	LF	200.000	200.000
0262	SPV.0090	Special 06. Removing Asphaltic Surface Rumble Strips	LF	8,210.000	8,210.000

3

REMOVING CONCRETE PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 SY
1000	1243+71	-	1243+81	IH 41 SB, LT	30
1000	1323+58	-	1323+72	IH 41 NB, LT	15
1000	1405+19	-	1409+15	IH 41 NB, RT	205
1000	123+11	-	127+14	CTH U	1,590
				TOTAL 1000	1,840

REMOVING CONCRETE

CATEGORY	STATION	TO	STATION	LOCATION	204.0130 REMOVING CURB LF	204.0190 REMOVING SURFACE DRAINS EA
1000	1252+15	-	1252+28	IH 41 NB, RT	15	-
1000	1323+63	-	1323+67	IH 41 NB, LT	-	1
1000	1435+63	-	1436+03	IH 41 NB, RT	40	1
				TOTAL 1000	55	2

REMOVING GUARDRAIL

CATEGORY	STATION	TO	STATION	LOCATION	204.0165 LF
1000	1247+56	-	1250+84	IH 41 NB, LT	305
1000	1248+14	-	1250+94	IH 41 NB, RT	260
1000	1318+99	-	1322+32	IH 41 NB, LT	305
1000	1319+72	-	1322+31	IH 41 NB, RT	260
1000	1384+24	-	1385+93	IH 41 NB, RT	170
1000	1393+62	-	1395+06	IH 41 NB, RT	145
1000	1403+46	-	1409+21	IH 41 NB, RT	575
1000	1433+52	-	1436+05	IH 41 NB, RT	255
				TOTAL 1000	2,275

REMOVING ANCILLARY STRUCTURE

CATEGORY	STATION	LOCATION	204.0246 01. S-44-136 EA	204.0246 02. S-44-143 EA
1000	1385+61	IH 41 NB, RT	1	-
1000	1394+60	IH 41 NB, RT	-	1
		TOTAL 1000	1	1

REMOVING DELINEATORS AND MARKERS

CATEGORY	STATION	TO	STATION	LOCATION	204.0180 EACH
1000	1218+00	-	1489+99	IH 41 NB	95
				TOTAL 1000	95

AGGREGATE

CATEGORY	STATION	TO	STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	624.0100 WATER MGAL
1000	1224+95	-	1250+84	IH 41 NB, LT	-	3,630	16,000	295
1000	1234+75	-	1250+84	IH 41 NB, RT	-	1,095	5,060	95
1000	1251+83	-	1321+99	IH 41 NB, LT	-	9,915	9,915	295
1000	1252+20		1322+00	IH 41 NB, RT	-	6,030	27,800	505
1000	1323+58	-	1406+99	IH 41 NB, LT	-	16,985	16,990	510
1000	1323+66	-	1349+58	IH 41 NB, RT	-	1,700	7,850	145
1000	1381+53	-	1398+56	IH 41 NB, RT	-	1,350	6,230	115
1000	1400+50	-	1409+16	IH 41 NB, RT	-	515	2,375	45
1000	1412+27	-	1418+00	IH 41 NB, RT	-	465	2,150	40
1000	1415+01	-	1423+01	IH 41 NB, LT	-	1,165	1,170	35
1000	1434+84	-	1436+03	IH 41 NB, RT	-	20	95	2
1000	1437+76	-	1440+08	IH 41 NB, RT	-	40	190	3
1000	1445+98	-	1470+51	IH 41 NB, LT	-	3,335	3,335	100
1000	1447+62	-	1476+06	IH 41 NB, RT	-	1,840	8,475	155
1000	1462+69	-	1462+79	IH 41 NB, RT (FRONTAGE RD)	20	10	50	2
1000	1466+62	-	1466+72	IH 41 NB, RT (FRONTAGE RD)	20	10	50	2
1000	1470+01	-	1489+99	IH 41 NB, LT	20	3,640	20,445	360
1000	1218+00	-	1489+99	IH 41 MEDIAN EXC. BACKFILL	-	-	82,815	1,245
1000	121+65	-	128+97	CTH U	110	1,600	3,340	76
				TOTAL 1000	170	53,345	214,335	4,025

3

3

STORM SEWER STRUCTURES

CATEGORY	LOCATION	STATION	OFFSET	204.9060.S.01 REMOVING APRON ENDWALLS EACH	204.0220 REMOVING INLETS EACH
1000	1130-67-71 STAGE 1				
	R/L ENB	1226+89.47	31.54' LT	--	1
	R/L ENB	1252+14.11	6.13' LT	--	1
	R/L ENB	1252+23.46	36.05' RT	--	1
	R/L ENB	1309+56.76	62.63' RT	--	1
	R/L ENB	1323+89.11	34.96' RT	--	1
	R/L ENB	1347+66.89	46.41' RT	1	--
	R/L ENB	1386+60.98	75.10' RT	--	1
	R/L ENB	1386+61.79	66.39' RT	--	1
	R/L ENB	1388+80.87	63.19' RT	--	1
	R/L ENB	1412+23.84	31.65' RT	--	1
	STAGE 1 TOTALS			1	9
	1130-67-71 TOTALS			1	9

STORM SEWER PIPES

CATEGORY	LOCATION	FROM STATION	FROM OFFSET	TO STATION	TO OFFSET	204.0245.01 REMOVING STORM SEWER 12-INCH LF	204.0245.02 REMOVING STORM SEWER 18-INCH LF	204.0245.03 REMOVING STORM SEWER 24-INCH LF	204.0245.04 REMOVING STORM SEWER 30-INCH LF	204.0280 SEALING PIPES (18-INCH) EA	COMMENTS
1000	1130-67-71 STAGE 1										
	R/L ENB	1226+89.47	31.54' LT	1226+89.40	21.85' LT	--	10	--	--	--	
	R/L ENB	1252+14.11	6.13' LT	1252+21.88	28.93' RT	--	--	--	--	2	
	R/L ENB	1252+21.88	28.93' RT	1252+23.46	36.05' RT	--	7	--	--	--	
	R/L ENB	1252+23.46	36.05' RT	1252+36.71	100.48' RT	--	66	--	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1258+01.10	84.42' RT	1258+01.69	91.66' RT	--	--	7	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1279+02.36	42.27' RT	1278+92.63	52.61' RT	--	--	14	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1305+72.73	61.48' RT	1305+72.54	68.39' RT	--	--	7	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1309+56.76	62.63' RT	1309+56.65	56.63' RT	--	--	6	--	--	
	R/L ENB	1323+89.11	34.96' RT	1323+83.21	101.29' RT	--	67	--	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1386+60.98	75.10' RT	1386+55.45	93.87' RT	--	--	--	19	--	
	R/L ENB	1386+61.79	66.39' RT	1386+60.98	75.10' RT	--	--	--	9	--	
	R/L ENB	1386+61.87	58.39' RT	1386+61.79	66.39' RT	--	--	8	--	--	
	R/L ENB	1388+80.87	63.19' RT	1386+61.79	66.39' RT	--	--	219	--	--	
	R/L ENB	1412+23.84	31.65' RT	1411+29.58	88.58' RT	110	--	--	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1463+74.22	120.92' RT	1463+73.51	60.06' RT	--	61	--	--	--	INCLUDES 2 APRON ENDWALLS
	R/L ENB	1466+68.14	46.79' RT	1466+58.37	20.70' RT	--	--	28	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1466+69.37	125.31' RT	1466+69.21	60.45' RT	--	--	65	--	--	INCLUDES 2 APRON ENDWALLS
	STAGE 1 TOTALS					110	211	354	28	2	
1000	1130-67-71 STAGE 2										
	R/L ENB	1279+44.99	4.41' LT	1279+67.88	29.48' LT	--	--	34	--	--	INCLUDES APRON ENDWALL
	R/L ENB	1279+73.51	31.23' LT	1279+90.37	51.98' LT	--	--	27	--	--	INCLUDES APRON ENDWALL
	STAGE 1 TOTALS					0	0	61	0	0	
	1130-67-71 TOTALS					110	211	415	28	2	

DIVISION	FROM/TO STATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
DIVISION 1											
IH 41_STG1_1_START TO CTH JJ	1218+00.00/1250+83.70	14,845	0	0	14,845	2,415	3,019	11,826	11,826		
IH 41_STG1_2_CTH JJ TO WTR	1252+20.00/1322+00.00	16,329	0	0	16,329	944	1,180	15,149	15,149		
IH 41_STG1_3_WTR TO SWEF	1323+61.36/1349+57.56	4,484	0	0	4,484	1,558	1,948	2,537	2,537		
IH 41_STG1_4_SWEF TO CTH U EXIT	1381+53.09/1398+55.94	3,667	0	0	3,667	35	44	3,623	3,623		
IH 41_STG1_5_CTH U EXIT RAMP TO	1400+50.00/1409+15.85	1,765	0	0	1,765	358	448	1,318	1,318		
IH 41_STG1_6_CTH U TO CTH U EXI	1412+47.23/1417+92.53	516	0	0	516	33	41	475	475		
IH 41_STG1_7_SOUTH OF APPLE CRE	1434+84.41/1436+03.33	154	0	0	154	8	10	144	144		
IH 41_STG1_8_NORTH OF APPLE CRE	1437+75.54/1440+08.46	257	0	0	257	5	6	251	251		
IH 41_STG1_9_NORTH OF APPLE CRE	1447+63.56/1489+99.24	14,595	0	0	14,595	291	364	14,231	14,231		
DIVISION 1 SUBTOTAL		56,612	0	0	56,612	5,647	7,059	49,553	49,553	0	

DIVISION	FROM/TO STATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
DIVISION 2											
IH 41_STG2_1_START OT CTH JJ	1246+00.00/1250+83.70	152	0	0	152	24	30	122	122		
IH 41_STG2_2_CTH JJ TO WTR	1252+20.00/1322+00.00	27,863	0	0	27,863	0	0	27,863	27,863		
IH 41_STG2_3_WTR TO CTH U	1323+61.36/1410+44.20	38,114	0	0	38,114	0	0	38,114	38,114		
IH 41_STG2_4_CTH U TO APPLE CRE	1412+47.23/1436+03.33	9,746	0	0	9,746	0	0	9,746	9,746		
IH 41_STG2_5_APPLE CREEK TO END	1437+75.54/1470+50.95	14,170	0	0	14,170	0	0	14,170	14,170		
DIVISION 2 SUBTOTAL		90,045	0	0	90,045	24	30	90,015	90,015	0	

DIVISION	FROM/TO STATION	205.0100 EXCAVATION COMMON (1) CUT (2)	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE
DIVISION 3 - CTH U STAGE 1									
CTH U NB	122+75.54 TO 129+00.00	1,784	0	175	1,609	36	45	1,739	1,739
CTH U SB	122+99.39 TO 128+15.34	1,652	0	180	1,472	26	33	1,620	1,620
	DIVISION 3 SUBTOTAL	3,436	0	355	3,081	62	78	3,359	3,359
	TOTALS	150,093	0	406	149,738	5,733	7,167	142,927	142,927
		150,093							

NOTES:

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL

(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(13) EXPANDED FILL FACTOR = 1.25

DEPENDING ON SELECTIONS: EXPANDED FILL = UNEXPANDED FILL * FILL FACTOR

(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

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ASPHALT

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	465.0105 ASPHALTIC SURFACE LOWER LAYER TON	465.0105 ASPHALTIC SURFACE UPPER LAYER TON
1000	1224+95	-	1250+84	IH 41 NB, LT	615	1,595	860
1000	1234+75	-	1250+84	IH 41 NB, RT	200	520	280
1000	1251+83	-	1321+99	IH 41 NB, LT	830	2,155	1,160
1000	1252+20		1322+00	IH 41 NB, RT	1,100	2,855	1,540
1000	1323+58	-	1406+99	IH 41 NB, LT	1,420	3,690	1,990
1000	1323+66	-	1349+58	IH 41 NB, RT	310	805	435
1000	1381+53	-	1398+56	IH 41 NB, RT	245	640	345
1000	1400+50	-	1409+16	IH 41 NB, RT	95	245	130
1000	1412+27	-	1418+00	IH 41 NB, RT	85	220	120
1000	1415+01	-	1423+01	IH 41 NB, LT	100	255	135
1000	1434+84	-	1436+03	IH 41 NB, RT	5	10	5
1000	1437+76	-	1440+08	IH 41 NB, RT	10	20	10
1000	1445+98	-	1470+51	IH 41 NB, LT	280	725	390
1000	1447+62	-	1476+06	IH 41 NB, RT	335	870	470
1000	1462+69	-	1462+79	IH 41 NB, RT (FRONTAGE RD)	2	5	3
1000	1466+62	-	1466+72	IH 41 NB, RT (FRONTAGE RD)	3	5	3
1000	1470+01	-	1489+99	IH 41 NB, LT	685	1,775	959
1000	121+65	-	128+97	CTH U	175	460	245
1000	-	-	-	UNDISTRIBUTED	-	-	-
				SUBTOTAL 1000	6,495	16,850	9,080
				TOTAL 1000	6,495	25,930	

ASPHALTIC FLUMES

CATEGORY	LOCATION	465.0315 SY
1000	CTH U, LT	10
1000	CTH U, RT	10
	TOTAL 1000	20

CONCRETE CURB & GUTTER

CATEGORY	STATION	TO	STATION	LOCATION	601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF
1000	122+99 'USBT'	-	127+24 'USBT'	CTH U SB, RT	425	-
1000	124+23 'USBT'	-	126+35 'USBT'	CTH U SB, LT	-	215
1000	123+11 'UNBT'	-	127+35 'UNBT'	CTH U NB, LT	425	-
1000	125+14 'UNBT'	-	127+04 'UNBT'	CTH U NB, RT	-	195
				TOTAL 1000	850	410

TEMPORARY CONCRETE BARRIER

CAT.	STATION	TO	STATION	LOCATION	603.8000 CONCRETE BARRIER TEMPORARY PRECAST DELIVERED LF	603.8125 CONCRETE BARRIER TEMPORARY PRECAST INSTALLED LF	603.8500 ANCHORING CONCRETE BARRIER TEMPORARY PRECAST LF	SPV.0090.04 CONCRETE BARRIER TEMPORARTY PRECAST LEFT IN PLACE LF	614.0905 CRASH CUSHIONS TEMPORARY EACH	SPV.0060.07 CRASH CUSHIONS TEMPORARY LEFT IN PLACE EACH	SPV.0060.05 EMERGENCY RESPONSE TO TRAFFIC INVOLVING CONCRETE BARRIER TEMPORARY EACH	SPV.0060.06 EMERGENCY RESPONSE TO TRAFFIC INVOLVING CRASH CUSHION TEMPORARY EACH	BACK WIDTH LF	OBJECT MARKING PATTERN	CRASH TEST LEVEL	TRAFFIC DIRECTION	TRAFFIC LOCATION	CRASH CUSHION SHIELDS	REMARKS
1000	1243+75	-	1469+88	IH 41 SB, MEDIAN	22,615	22,615	570	-	1	-	-	-	2	OM-3L	TL-3	UNIDIRECTIONAL	R	TEMP. BARRIER WALL	STAGE 1
1000	1243+63	-	1475+05	IH 41 NB, MEDIAN	23,050	23,050	-	1,155	1	-	-	-	2	OM-3L	TL-3	UNIDIRECTIONAL	R	TEMP. BARRIER WALL	STAGE 2 (L.I.P. 1423+75-1432+05 & 1441+75-1445+00)
1000	1246+15	-	1250+65	IH 41 NB, OUTSIDE	450	450	50	450	-	1	-	-	2	OM-3R	TL-3	UNIDIRECTIONAL	L	TEMP. BARRIER WALL	STAGE 1
1000	1252+16	-	1253+28	IH 41 NB, OUTSIDE	113	113	50	113	-	-	-	-	-	-	-	-	-	-	STAGE 2
1000	1317+77	-	1322+27	IH 41 NB, OUTSIDE	450	450	50	450	-	1	-	-	2	OM-3R	TL-3	UNIDIRECTIONAL	L	TEMP. BARRIER WALL	STAGE 1
1000	1323+82	-	1325+32	IH 41 NB, OUTSIDE	150	150	50	150	-	-	-	-	-	-	-	-	-	-	STAGE 2
1000	1324+32	-	1342+00	IH 41 NB, OUTSIDE	1,775	1,775	-	1,775	-	-	-	-	-	-	-	-	-	-	STAGE 2
1000	1360+79	-	1381+58	IH 41 NB, OUTSIDE	2,075	2,075	-	2,075	-	1	-	-	2	OM-3R	TL-3	UNIDIRECTIONAL	L	TEMP. BARRIER WALL	STAGE 2
1000	1403+00	-	1409+50	IH 41 NB, OUTSIDE	650	650	50	650	-	1	-	-	2	OM-3R	TL-3	UNIDIRECTIONAL	L	TEMP. BARRIER WALL	STAGE 1
1000	1412+14	-	1417+64	IH 41 NB, OUTSIDE	550	550	50	550	-	-	-	-	-	-	-	-	-	-	STAGE 2
1000	1431+80	-	1436+05	IH 41 NB, OUTSIDE	425	425	50	425	-	1	-	-	2	OM-3R	TL-3	UNIDIRECTIONAL	L	TEMP. BARRIER WALL	STAGE 1
1000	1437+76	-	1440+51	IH 41 NB, OUTSIDE	275	275	50	275	-	-	-	-	-	-	-	-	-	-	STAGE 2
1000	1243+55	-	1250+55	IH 41 NB, MEDIAN	215	700	50	700	-	1	-	-	2	OM-3L	TL-3	UNIDIRECTIONAL	R	TEMP. BARRIER WALL	STAGE 3
1000	1252+06	-	1321+99	IH 41 NB, MEDIAN	6,630	6,990	100	6,990	-	1	-	-	-	-	-	-	-	-	STAGE 3
1000	1323+58	-	1406+99	IH 41 NB, MEDIAN	7,930	8,080	50	8,080	-	-	-	-	-	-	-	-	-	-	STAGE 3
1000	1415+01	-	1475+21	IH 41 NB, MEDIAN	3,230	6,025	175	6,025	-	-	-	-	-	-	-	-	-	-	STAGE 3
	UNDISTRIBUTED			IH 41	-	-	-	-	-	-	10	10	-	-	-	-	-	-	
				TOTAL 1000	70,583	74,373	1,345	29,863	2	7	10	10							

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STORM SEWER GENERAL NOTES

1) STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES UNLESS OTHERWISE NOTED.
2) SEE CONSTRUCTION DETAIL FOR STRUCTURE RIM ELEVATION LOCATION.
3) STRUCTURE DEPTH = RIM ELEVATION - CASTING - 0.5 FT (ADJUSTMENT) - INVERT + PIPE THICKENESS (BOTTOM), EXCEPT MEDIAN INLETS.
4) STATIONS, OFFSETS, AND ELEVATIONS FOR ALL ENDWALL LOCATIONS ARE TO THE END OF PIPE UNLESS OTHERWISE NOTED.
5) LOCATIONS AND DEPTHS OF EXISTING STRUCTURES AND PIPES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR
6) CONTRACTOR TO CONFIRM CONSTRUCTION PHASING WITH BRIDGE CONTRACTOR PRIOR TO BEGINNING STORM SEWER CONSTRUCTION
7) CONTRACTOR TO CONFIRM ALL EXISTING INVERT ELEVATIONS PRIOR TO ORDERING STRUCTURES

STORM SEWER STRUCTURES

CATEGORY	LOCATION	STRUCTURE	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION	DEPTH FT	611.0530 MANHOLE COVERS TYPE J EACH	611.0545 MANHOLE COVERS TYPE L EACH	611.0606 INLET COVERS TYPE B	611.0642 INLET COVERS TYPE MS EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH
1000	1130-67-71 STAGE 1														
	R/L ESB	100_S1	1243+75.91	6.01' RT	705.34	699.83	4.39	--	--	1	--	--	--	--	--
	R/L ESB	100B_S1	1244+23.02	31.98' RT	704.06	700.34	2.60	--	--	1	--	--	--	--	--
	R/L ENB	100C_S1	1226+89.46	31.29' LT	696.91	692.40	4.72	--	--	--	2	--	--	--	--
	R/L ENB	100D_S1	1219+50.00	31.48' LT	689.65	686.45	3.41	--	--	--	2	--	--	--	--
	R/L ENB	104A_S1	1305+72.44	74.10' RT	698.85	695.39	2.84	--	1	--	--	1	--	--	--
	R/L ENB	105_S1	1309+56.74	64.41' RT	691.21	688.46	3.00	--	--	--	2	--	--	--	--
	R/L ENB	107_S1	1386+61.71	74.88' RT	674.42	671.61	3.12	--	--	--	2	--	--	--	--
	R/L ENB	108_S1	1386+58.95	83.44' RT	675.94	671.58	3.82	--	1	--	--	--	--	1	--
	R/L ENB	109_S1	1388+80.84	72.74' RT	674.47	672.25	2.44	--	--	--	2	--	--	--	--
	R/L ENB	141_S1	1474+33.93	25.50' LT	685.47	683.35	2.31	--	--	--	1	--	--	--	--
	R/L ENB	146_S1	1486+25.00	34.52' LT	690.28	686.67	3.61	--	--	--	1	--	--	--	--
	R/L ENB	1007A_S1	1466+62.23	31.00' RT	679.32	674.45	3.92	1	--	--	--	--	--	--	1
						STAGE 1 SUBTOTALS		1	2	2	12	1	0	1	1
	1130-67-71 STAGE 2														
	R/L ENB	103A_S2	1279+51.73	11.79' LT	689.63	684.13	4.51	1	--	--	--	--	1	--	--
	R/L ENB	110_S2	1394+01.26	36.74' LT	676.35	672.35	4.33	--	--	--	--	--	--	1	--
	R/L ENB	111_S2	1394+01.15	24.48' LT	676.11	673.90	2.42	--	--	--	--	--	1	--	--
	R/L ENB	112_S2	1397+00.95	36.13' LT	678.18	673.85	4.66	--	--	--	--	--	--	1	--
	R/L ENB	113_S2	1397+00.95	23.87' LT	678.11	675.40	2.92	--	--	--	--	--	1	--	--
	R/L ENB	114_S2	1400+00.95	36.13' LT	680.01	675.85	4.49	--	--	--	--	--	1	--	--
	R/L ENB	115_S2	1400+00.95	23.87' LT	679.72	677.52	2.41	--	--	--	--	--	1	--	--
	R/L ENB	116_S2	1403+00.95	36.13' LT	681.42	677.35	4.40	--	--	--	--	--	1	--	--
	R/L ENB	117_S2	1403+00.95	23.87' LT	681.30	679.09	2.41	--	--	--	--	--	1	--	--
	R/L ENB	118_S2	1406+00.95	36.13' LT	683.21	679.35	4.11	--	--	--	--	--	1	--	--
	R/L ENB	119_S2	1406+00.95	23.87' LT	683.26	680.55	2.92	--	--	--	--	--	1	--	--
	R/L ENB	120_S2	1409+90.91	36.13' LT	683.96	680.75	3.46	--	--	--	--	--	1	--	--
	R/L ENB	121_S2	1409+91.03	22.54' LT	684.01	681.30	2.92	--	--	--	--	--	1	--	--
	R/L ENB	122_S2	1413+00.95	36.13' LT	682.00	678.72	3.53	--	--	--	--	--	1	--	--
	R/L ENB	123_S2	1413+00.95	23.87' LT	681.98	679.27	2.92	--	--	--	--	--	1	--	--
	R/L ENB	124_S2	1415+25.95	36.13' LT	680.37	677.04	3.58	--	--	--	--	--	1	--	--
	R/L ENB	125_S2	1415+25.95	23.87' LT	680.44	677.59	3.06	--	--	--	--	--	1	--	--
	R/L ENB	126_S2	1417+25.95	36.13' LT	678.23	674.98	3.50	--	--	--	--	--	1	--	--
	R/L ENB	127_S2	1417+25.95	23.87' LT	678.53	675.53	3.21	--	--	--	--	--	1	--	--
	R/L ENB	128_S2	1420+00.95	36.13' LT	673.92	669.94	4.27	--	--	--	--	--	1	--	--
	R/L ENB	129_S2	1420+00.95	23.87' LT	673.92	670.99	3.14	--	--	--	--	--	1	--	--
	R/L ENB	130_S2	1422+75.95	36.13' LT	668.24	664.44	4.09	--	--	--	--	--	1	--	--
	R/L ENB	130A_S2	1422+75.95	30.00' LT	667.67	665.46	2.21	--	--	--	2	--	--	--	--
	R/L ENB	131_S2	1422+75.95	23.87' LT	668.20	665.49	2.92	--	--	--	--	--	1	--	--
	R/L ENB	132_S2	1425+50.95	36.13' LT	661.50	657.70	4.09	--	--	--	--	--	1	--	--
	R/L ENB	133_S2	1425+50.95	23.87' LT	661.46	658.75	2.92	--	--	--	--	--	1	--	--
	STAGE 2 SUBTOTALS							1	0	0	2	0	23	2	0
	1130-67-71 TOTALS							2	2	2	14	1	23	3	1

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STORM SEWER STRUCTURES

			611.3004	611.3901	611.3902	
				INLETS		
CATEGORY	LOCATION	STRUCTURE	4-FT DIAMETER	MEDIAN 1 GRATE EACH	MEDIAN 2 GRATE EACH	COMMENTS
1000	1130-67-71 STAGE 1					
	R/L ESB	100_S1	1	--	--	
	R/L ESB	100B_S1	1	--	--	
	R/L ENB	100C_S1	--	--	1	1 SLOPE
	R/L ENB	100D_S1	--	--	1	2 SLOPE
	R/L ENB	104A_S1	--	--	--	
	R/L ENB	105_S1	--	--	1	2 SLOPE
	R/L ENB	107_S1	--	--	1	2 SLOPE
	R/L ENB	108_S1	--	--	--	
	R/L ENB	109_S1	--	--	1	2 SLOPE
	R/L ENB	141_S1	--	1	--	1 SLOPE
	R/L ENB	146_S1	--	1	--	1 SLOPE
	R/L ENB	1007A_S1	--	--	--	
			2	2	5	
	1130-67-71 STAGE 2					
	R/L ENB	103A_S2	--	--	--	
	R/L ENB	110_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	111_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	112_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	113_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	114_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	115_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	116_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	117_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	118_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	119_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	120_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	121_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	122_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	123_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	124_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	125_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	126_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	127_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	128_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	129_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	130_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	130A_S2	--	--	1	COVER PLATE; 2 SLOPE
	R/L ENB	131_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	132_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	R/L ENB	133_S2	--	--	--	COVER PLATE; TO BE COMPLETED IN 1130-67-72
	STAGE 2 SUBTOTALS		0	0	1	
	1130-67-71 TOTALS		2	2	6	

STORM SEWER PIPES

CATEGORY	FROM	TO	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT	522.0418 CULVERT PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.0430 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 30-INCH LF	608.0436 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	608.2314 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 14X23-INCH LF	608.2324 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 24X38-INCH LF	COMMENTS
1000	1130-67-71 STAGE 1													
	100_S1	100A_S1	699.83	699.30	0.0100	--	--	53	--	--	--	--	--	
	100B_S1	100_S1	700.34	700.08	0.0048	--	54	--	--	--	--	--	--	
	100C_S1	RS_01	692.40	692.20	0.0208	--	--	9	--	--	--	--	--	
	100D_S1	EX 1	686.45	686.09	0.0250	--	--	14	--	--	--	--	--	
	101_S1	RS_02	683.66	683.56	0.0127	--	--	--	8	--	--	--	--	
	102_S1	RS_03	684.79	684.67	0.0097	--	--	--	12	--	--	--	--	
	104A_S1	104_S1	695.39	694.79	0.0074	--	--	81	--	--	--	--	--	
	105_S1	RS_05	688.46	688.38	0.0030	--	--	--	28	--	--	--	--	
	106_S1	RS_06	681.13	680.51	0.0692	--	--	--	12	--	--	--	--	
	107_S1	108_S1	671.61	671.58	0.0030	--	--	--	--	--	--	--	9	
	108_S1	RS_09	671.58	671.55	0.0030	--	--	--	--	11	--	--	--	
	109_S1	108_S1	672.25	671.58	0.0030	--	--	--	--	--	--	222	--	
	141_S1	140_S1	683.35	683.16	0.0030	--	63	--	--	--	--	--	--	
	146_S1	EX 51	686.67	686.00	0.0050	--	--	133	--	--	--	--	--	TO STA/OFF: 1484ENB+91.51, 32.84' LT
	1007A_S1	RS_10	674.45	674.33	0.0106	--	--	--	11	--	--	--	--	
	1007B_S1	1007A_S1	674.94	674.45	0.0054	--	--	--	--	91	--	--	--	
	1007C_S1	1007A_S1	675.94	675.45	0.0114	--	--	43	--	--	--	--	--	
	1041_S1	1040_S1	676.37	675.63	0.0164	45	--	--	--	--	--	--	--	
	RS_04	104A_S1	695.47	695.39	0.0074	--	--	10	--	--	--	--	--	
	RS_08	107_S1	671.79	671.61	0.0110	--	--	--	16	--	--	--	--	
				STAGE 1 SUBTOTALS		45	117	343	87	102	0	222	9	
1000	1130-67-71 STAGE 2													
	103A_S2	103_S2	684.13	683.99	0.0073	--	--	--	20	--	--	--	--	
	103B_S2	RS_13	683.50	683.48	0.0040	--	--	--	6	--	--	--	--	
	110_S2	PLUG 01	672.35	672.29	0.0050	--	--	--	--	--	11	--	--	TO STA/OFF: 1393ENB+90.26, 36.86' LT
	111_S2	110_S2	673.90	673.85	0.0041	--	--	12	--	--	--	--	--	
	112_S2	110_S2	673.85	672.35	0.0050	--	--	--	--	--	300	--	--	
	113_S2	112_S2	675.40	675.35	0.0041	--	--	12	--	--	--	--	--	
	114_S2	112_S2	675.85	674.35	0.0050	--	--	--	--	300	--	--	--	
	115_S2	114_S2	677.52	677.47	0.0041	--	--	12	--	--	--	--	--	
	116_S2	114_S2	677.35	675.85	0.0050	--	--	--	--	300	--	--	--	
	117_S2	116_S2	679.09	679.04	0.0041	--	--	12	--	--	--	--	--	
	118_S2	116_S2	679.35	677.85	0.0050	--	--	--	300	--	--	--	--	
	119_S2	118_S2	680.55	680.50	0.0041	--	--	12	--	--	--	--	--	
	120_S2	118_S2	680.75	679.35	0.0036	--	--	--	390	--	--	--	--	
	121_S2	120_S2	681.30	681.25	0.0037	--	--	14	--	--	--	--	--	
	122_S2	124_S2	678.72	677.04	0.0075	--	--	--	225	--	--	--	--	
	123_S2	122_S2	679.27	679.22	0.0041	--	--	12	--	--	--	--	--	
	124_S2	126_S2	677.04	674.98	0.0103	--	--	--	200	--	--	--	--	
	125_S2	124_S2	677.59	677.54	0.0041	--	--	12	--	--	--	--	--	
	126_S2	128_S2	674.98	670.44	0.0165	--	--	--	275	--	--	--	--	
	127_S2	126_S2	675.53	675.48	0.0041	--	--	12	--	--	--	--	--	
	128_S2	130_S2	669.94	664.44	0.0200	--	--	--	--	275	--	--	--	
	129_S2	128_S2	670.99	670.94	0.0041	--	--	12	--	--	--	--	--	
	130_S2	132_S2	664.44	657.70	0.0245	--	--	--	--	275	--	--	--	
	131_S2	130A_S2	665.49	665.46	0.0041	--	--	6	--	--	--	--	--	
	130A_S2	130_S2	665.46	665.44	0.0041	--	--	6	--	--	--	--	--	
	132_S2	PLUG_02	657.70	651.59	0.0260	--	--	--	--	235	--	--	--	TO STA/OFF: 1427ENB+85.79, 36.13' LT
	133_S2	132_S2	658.75	658.70	0.0041	--	--	12	--	--	--	--	--	
	RS_12	103A_S2	684.21	684.13	0.7300	--	--	--	10	--	--	--	--	
				STAGE 2 SUBTOTALS		0	0	146	1426	1385	311	0	0	
				1130-67-71 TOTALS		45	117	489	1513	1487	311	222	9	

3

STORM SEWER ENDWALLS

						522.1015	522.1018	522.1024	522.1030	633.5200	
						APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE				MARKERS CULVERT END	
CATEGORY	LOCATION	STRUCTURE	STATION	OFFSET	INVERT ELEVATION	15-INCH EACH	18-INCH EACH	24-INCH EACH	30-INCH EACH	EACH	COMMENTS
1000	1130-67-71 STAGE 1										
	R/L ESB	100A_S1	1243+75.91	46.72' LT	699.30	--	1	--	--	1	
	R/L ENB	101_S1	1258+01.01	88.38' RT	683.66	--	--	1	--	1	
	R/L ENB	102_S1	1278+93.94	51.49' RT	684.79	--	--	1	--	1	
	R/L ENB	104_S1	1306+53.37	65.71' RT	694.79	--	1	--	--	1	
	R/L ENB	106_S1	1347+66.96	46.55' RT	681.13	--	--	1	--	1	
	R/L ENB	140_S1	1473+70.61	25.13' LT	683.16	1	--	--	--	1	
	R/L ENB	1007B_S1	1466+69.36	121.45' RT	674.94	--	--	--	1	1	
	R/L ENB	1007C_S1	1467+00.99	50.20' RT	675.94	--	1	--	--	1	
	R/L ENB	1040_S1	1463+73.61	68.41' RT	675.63	--	1	--	--	1	
	R/L ENB	1041_S1	1463+74.13	113.90' RT	676.37	--	1	--	--	1	
					STAGE 1 SUBTOTALS	1	5	3	1	10	
1000	1130-67-71 STAGE 2										
	R/L ENB	103_S2	1279+66.10	25.93' LT	683.99	--	--	1	--	1	
	R/L ENB	103B_S2	1279+86.43	47.45' LT	683.50	--	--	1	--	1	
					STAGE 2 SUBTOTALS	0	0	2	0	2	
					1130-67-71 TOTALS	1	5	5	1	12	

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COVER PLATES

CATEGORY	ROADWAY	STRUCTURE ID	SPV.0060.01 COVER PLATES EACH	NOTES
1000	1130-67-71 STAGE 1			
	R/L ENB	EX 51	2	
		STAGE 1 SUBTOTALS	2	
1000	1130-67-71 STAGE 2			
	R/L ENB	110_S2	2	
	R/L ENB	111_S2	2	
	R/L ENB	112_S2	2	
	R/L ENB	113_S2	2	
	R/L ENB	114_S2	2	
	R/L ENB	115_S2	2	
	R/L ENB	116_S2	2	
	R/L ENB	117_S2	2	
	R/L ENB	118_S2	2	
	R/L ENB	119_S2	2	
	R/L ENB	120_S2	2	
	R/L ENB	121_S2	2	
	R/L ENB	122_S2	2	
	R/L ENB	123_S2	2	
	R/L ENB	124_S2	2	
	R/L ENB	125_S2	2	
	R/L ENB	126_S2	2	
	R/L ENB	127_S2	2	
	R/L ENB	128_S2	2	
	R/L ENB	129_S2	2	
	R/L ENB	130_S2	2	
	R/L ENB	130A_S3	2	
	R/L ENB	131_S2	2	
	R/L ENB	132_S2	2	
	R/L ENB	133_S2	2	
		STAGE 2 SUBTOTALS	50	
		1130-67-71 TOTALS	52	

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RECONNECT STORM SEWER

CATEGORY	ROADWAY	STRUCTURE	STATION	OFFSET	SPV.0060.02 RECONNECT STORM SEWER EACH	NOTES
1000	1130-67-71 STAGE 1					
	R/L ENB	RS_01	1226+89.40	21.85' LT	1	
	R/L ENB	RS_02	1258+01.10	80.38' RT	1	
	R/L ENB	RS_03	1279+02.36	42.27' RT	1	
	R/L ENB	RS_04	1305+72.23	84.10' RT	1	
	R/L ENB	RS_05	1309+56.24	35.99' RT	1	
	R/L ENB	RS_06	1347+67.04	34.25' RT	1	
	R/L ENB	RS_07	1219+35.94	28.68' LT	1	
	R/L ENB	RS_08	1386+61.87	58.39' RT	1	
	R/L ENB	RS_09	1386+55.45	93.87' RT	1	
	R/L ENB	EX 51	1484+91.51	32.84' LT	1	
	R/L ENB	RS_10	1466+58.37	20.70' RT	1	
				STAGE 1 SUBTOTALS	11	
1000	1130-67-71 STAGE 2					
	R/L ENB	RS_12	1279+44.72	4.12' LT	1	
	R/L ENB	RS_13	1279+90.37	51.98' RT	1	
				STAGE 2 SUBTOTALS	2	
				1130-67-71 TOTALS	13	

STORM SEWER PLUG

CATEGORY	ROADWAY	STATION	OFFSET	SPV.0060.03 STORM SEWER PLUG EACH	NOTES
1000	1130-67-71 STAGE 1				
	R/L NB	1393+90.26	36.86' LT	1	PIPE
	R/L NB	1427+85.79	36.13' LT	1	PIPE
			STAGE 1 SUBTOTALS	2	
			1130-67-71 TOTALS	2	

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DRAIN SLOTTED VANE PERMANENT

CATEGORY	ROADWAY	START STATION	START OFFSET	BEND STATION	BEND OFFSET	BEND STATION	BEND OFFSET	END STATION	END OFFSET	SPV.0090.03 DRAIN SLOTTED VANE PERMANENT LF	COMMENTS
1000	1130-67-71 STAGE 1										
	R/L ESB	1236+44.02	1.00' RT	1239+41.06	0.92' RT	1239+77.50	5.99' RT	1243+75.91	6.01' RT	732	
	R/L ENB	1482+50.00	33.35' LT	1475+45.31	25.66' LT	1474+50.98	25.66' LT	1474+33.93	25.50' LT	816	
									STAGE 1 SUBTOTALS	1548	
									1130-67-71 TOTALS	1548	

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STORM SEWER CONTINUED

CATEGORY	STATION	OFFSET	LOCATION	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	611.0420 RECONSTRUCTING MANHOLES EA	611.0639 INLET COVERS TYPE H-S EA	611.3230 INLETS 2X3-FT EA
1000	123+67	20.3' LT	CTH U, LT	-	1	-	-
1000	125+44	25.5' LT	CTH U, LT	7	-	1	1
1000	126+66	18.1' LT	CTH U, LT	-	1	-	-
1000	124+88	19.2' RT	CTH U, RT	-	1	-	-
1000	125+57	25.5' RT	CTH U, RT	7	-	1	1
1000	127+42	17.7' RT	CTH U, RT	-	1	-	-
			TOTAL 1000	14	4	2	2

FENCING

CATEGORY	STATION	TO	STATION	LOCATION	616.0405 FENCE CHAIN LINK SALVAGED 5-FT LF	616.0700.S FENCE SAFETY LF	SPV.0090.05 SAFETY FENCE SPECIAL LF
1000	1245+30	-	1250+95	IH 41 NB, RT	625	970	-
1000	1251+95	-	1255+35	IH 41 NB, RT	385	560	-
1000	1257+95	-	1258+15	IH 41, NB RT	20	30	-
1000	1270+40	-	1271+70	IH 41 NB, RT	130	195	-
1000	1277+60	-	1278+20	IH 41 NB, RT	60	90	-
1000	1280+40	-	1284+50	IH 41 NB, RT	410	615	-
1000	1309+45	-	1309+65	IH 41 NB, RT	20	30	-
1000	1319+60	-	1320+05	IH 41 NB, RT	45	70	-
1000	1323+70	-	1324+05	IH 41 NB, RT	60	90	-
1000	1341+40	-	1344+80	IH 41 NB, RT	340	510	-
1000	1347+40	-	1348+70	IH 41 NB, RT	130	195	-
1000	1388+70	-	1888+90	IH 41 NB, RT	20	30	-
1000	1394+85	-	1396+75	IH 41 NB, RT	190	285	-
1000	1447+45	-	1451+90	IH 41 NB, RT	445	670	-
1000	1456+00	-	1463+90	IH 41 NB, RT	790	1,185	-
1000	1466+55	-	1466+75	IH 41 NB, RT	20	30	-
1000	1482+00	-	1482+20	IH 41 SB, LT	20	30	-
1000	1250+80	-	1251+80	IH 41 NB, LT	100	-	100
1000	1322+00	-	1323+35	IH 41 NB, LT	100	-	100
				TOTAL 1000	3,910	5,585	200

PIPE UNDERDRAIN 6-INCH

CATEGORY	STATION	OFFSET	LOCATION	612.0106 LF	REMARKS
1000	1219+50	LT	IH 41 NB, LT	50	STRUCTURE 100D-S1 OR EX-1
1000	1226+90	LT	IH 41 NB, LT	50	STRUCTURE 100C-S1
1000	1250+25	LT	IH 41 NB, LT	50	
1000	1266+38	LT	IH 41 NB, LT	50	
1000	1309+55	LT	IH 41 NB, LT	50	STRUCTURE EX_2
1000	1321+50	LT	IH 41 NB, LT	50	
1000	1331+96	LT	IH 41 NB, LT	50	
1000	1347+68	LT	IH 41 NB, LT	50	
1000	1386+62	LT	IH 41 NB, LT	50	
1000	1393+47	LT	IH 41 NB, LT	50	
1000	1426+36	LT	IH 41 NB, LT	50	
1000	1466+40	LT	IH 41 NB, LT	50	STRUCTURE EX_9
1000	1484+92	LT	IH 41 NB, LT	50	
1000	125+58	RT	CTH U NB, RT	50	STRUCTURE 103
1000	125+44	LT	CTH U SB, LT	50	STRUCTURE 101
			TOTAL 1000	750	

RIPRAP AND GEOTEXTILE FABRIC

CATEGORY	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY
1000	1258+00	IH 41 NB, RT	10	30
1000	1278+80	IH 41 NB, RT	10	30
1000	1472+45	IH 41, NB LT	5	15
1000	127+19	CTH U, LT	5	17
1000	127+60	CTH U, RT	5	17
		TOTAL 1000	35	109

EROSION CONTROL MOBILIZATIONS

CATEGORY	STATION	TO	STATION	LOCATION	628.1905 MOBILZATIONS EROSION CONTROL EA	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EA
1000	1218+00	-	1490+01	IH 41	15	10
				TOTAL 1000	15	10

DITCH CHECKS

CATEGORY	STATION	TO	STATION	LOCATION	628.7515.S STONE DITCH CHECKS CY	645.0130 GEOTEXTILE TYPE R SY
1000	1218+00	-	1489+99	IH 41	550	1,150
				TOTAL 1000	550	1,150

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EROSION CONTROL

CATEGORY	STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7005 INLET PROTECTION TYPE A EA	628.7010 INLET PROTECTION TYPE B EA	628.7015 INLET PROTECTION TYPE C EA	628.7020 INLET PROTECTION TYPE D EA	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EA	628.7570 ROCK BAGS EA	628.7560 TRACKING PADS EA
1000	1218+00	-	1251+50	IH 41	1,230	2,460	5	-	-	-	-	-	40	2
1000	1251+50	-	1323+00	IH 41	7,125	14,250	6	-	2	-	-	12	360	2
1000	1323+00	-	1411+00	IH 41	4,350	8,700	7	1	-	-	40	4	180	2
1000	1411+00	-	1490+01	IH 41	3,125	6,250	5	3	-	-	40	20	100	2
1000	122+75	-	129+00	CTH U	380	760	2	-	-	2	30	25	-	-
				UNDISTRIBUTED	1,650	3,300	5	1	1	1	20	9	70	2
				TOTAL 1000	17,860	35,720	30	5	3	3	130	70	750	10

LANDSCAPING

CATEGORY	STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	628.2002 EROSION MAT CLASS I TYPE A SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0500 SEED WATER MGAL
1000	1240+00	-	1251+50	IH 41 ENB, RT	5,950	5,950	4	270	130
1000	1251+50	-	1323+00	IH 41 ENB, RT	19,160	19,160	12	860	430
1000	1323+00	-	1350+00	IH 41 ENB, RT	6,460	6,460	4	290	150
1000	1381+00	-	1399+00	IH 41 ENB, RT	3,470	3,470	2	160	78
1000	1401+00	-	1411+00	IH 41 ENB, RT	2,820	2,820	2	130	63
1000	1411+00	-	1418+00	IH 41 ENB, RT	1,460	1,460	1	70	33
1000	1434+00	-	1477+05	IH 41 ENB, RT	6,690	6,690	4	300	150
1000	122+99	-	127+39	CTH U USBT, LT	800	800	1	40	18
1000	123+81	-	127+50	CTH U UNBT, RT	1,500	1,500	1	70	30
1000	-	-	-	UNDISTRIBUTED	4,850	4,850	3	220	98
				TOTAL 1000	53,160	53,160	34	2,410	1,180

TRAFFIC CONTROL COVERING SIGNS TYPE II

CATEGORY	LOCATION	643.0920 EA	REMARKS
1000	IH 41, NB	170	STAGE 1, R2-1 70 MPH - 2 SIGN AT 85 CYCLES
1000	IH 41, SB	30	STAGE 1, R2-1 70 MPH - 2 SIGN AT 15 CYCLES
1000	IH 41, NB	80	STAGE 2, R2-1 70 MPH - 2 SIGN AT 40 CYCLES
1000	IH 41, SB	20	STAGE 2, R2-1 70 MPH - 2 SIGN AT 10 CYCLES
1000	IH 41, NB	20	STAGE 3, R2-1 70 MPH - 2 SIGN AT 10 CYCLES
	TOTAL 1000	320	

FIXED MESSAGE SIGNS AND SUPPORTS

CATEGORY	LOCATION	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	SPV.0060.04 FIXED MESSAGE SIGN PORTABLE SUPPORT EA	REMARKS
1000	IH 41 MEDIAN	7	-	EMERGENCY ACCESS SIGNAGE - 2 LOCATIONS - NORTH AND SOUTH PROJECT LIMITS
1000	IH 41, MEDIAN	44	-	EMERGENCY ACCESS SIGNAGE AT TEMPORARY ACCESS LOCATIONS - 2 LOCATIONS
1000	IH 41, NB	151.5	2	CTH U EXIT SIGNAGE - 2 LOCATIONS
	TOTAL 1000	202.5	2	

PERMANENT SIGNING

CATEGORY	STATION	LOCATION	638.2102 MOVING SIGNS TYPE II EA	638.2601 REMOVING SIGNS TYPE I EA	638.2602 REMOVING SIGNS TYPE II EA	638.3000 REMOVING SMALL SIGN SUPPORTS EA	638.3100 REMOVING STRUCTURAL STEEL SIGN SUPPORTS EA	638.4000 MOVING SMALL SIGN SUPPORTS EA	634.0816 POSTS TUBULAR STEEL 2x2-INCH x 16-FT EA	634.0618 POSTS WOOD 4x6-INCH x 18-FT EA	REMARKS
1000	VARIOUS	IH 41, NB LT	54	-	-	-	-	54	30	-	D10-5 ENHANCED ROUTE MARKERS
1000	VARIOUS	IH 41, NB LT	-	-	8	8	-	-	-	-	R3-4B NO U-TURN REGULATORY SIGNAGE
1000	1250+60	IH 41 NB, RT	-	-	1	2	-	-	-	-	M1-94 "HWY JJ"
1000	1252+77	IH 41 NB, RT	-	1	-	-	2	-	-	-	E8-1 "GREEN BAY 17"
1000	1308+53	IH 41 NB, RT	-	1	-	-	2	-	-	-	E5-56A "WEIGH STATON 1 MILE"
1000	1334+32	IH 41 NB, RT	-	1	-	-	2	-	-	-	R13-1 "TRUCKS OVER 5 TONS STOPE AT WEIGH STA."
1000	1345+40	IH 41 NB, RT	-	1	-	-	2	-	-	-	E5-57E "WEIGH STATION RIGHT LANE"
1000	1385+61	IH 41 NB, RT	-	1	-	-	-	-	-	-	E4-1A AND E1-5P "EXIT 154 CTH U, WRIGHTSTOWN HOBART, EXIT ONLY"
1000	1394+60	IH 41 NB, RT	-	1	-	-	-	-	-	-	E4-1A AND E1-5P "EXIT 154 CTH U, WRIGHTSTOWN HOBART, EXIT ONLY"
1000	1401+74	IH 41 NB, RT	1	-	-	-	-	2	-	1	E5-1A "EXIT 154"
1000	1412+54	IH 41 NB, RT	1	-	-	-	-	2	-	1	I2-2 "BROWN CO"
1000	1415+94	IH 41 NB, RT	1	-	-	-	-	2	-	1	W4-1R MERGE SIGNAGE
1000	1435+84	IH 41 NB, RT	1	-	-	-	-	2	-	1	J4-2
1000	1439+54	IH 41 NB, RT	1	-	-	-	-	2	-	1	R2-1
1000	1448+02	IH 41 NB, RT	-	-	1	3	-	-	-	-	"MOVE OVER OR SLOW DOWN"
1000	VARIOUS	CTH U	6	-	-	-	-	6	-	-	
		TOTAL 1000	65	6	10	13	8	70	30	5	

TRAFFIC CONTROL

STAGE	LOCATION	APPROXIMATE SERVICE DAYS	643.0300 DRUMS NO. IN SERVICE	643.0300 DRUMS DAYS	643.0420 BARRICADES TYPE III NO. IN SERVICE	643.0420 BARRICADES TYPE III DAYS	643.0705 WARNING LIGHTS TYPE A NO. IN SERVICE	643.0705 WARNING LIGHTS TYPE A DAYS	643.0715 WARNING LIGHTS TYPE C NO. IN SERVICE	643.0715 WARNING LIGHTS TYPE C DAYS	643.0800 ARROW BOARDS NO. IN SERVICE	643.0800 ARROW BOARDS DAYS	643.0900 SIGNS NO. IN SERVICE	643.0900 SIGNS DAYS	643.1050 PCMS SIGNS NO. IN SERVICE	643.1050 PCMS SIGNS DAYS
1	IH 41 SB STAGE 1 DAILY TC	100	100	10,000	0	0	0	0	0	0	0	0	16	1,600	1	7
	IH 41 NB STAGE 1 DAILY TC	100	100	10,000	0	0	0	0	0	0	0	0	16	1,600	1	7
	IH 41 SB INSIDE LANE CLOSURE	15	160	2,400	10	150	20	300	15	225	1	15	28	420	0	0
	IH 41 NB OUTSIDE LANE CLOSURE	85	160	13,600	10	850	20	1,700	15	1,275	1	85	28	2,380	0	0
	IH 41 SB FULL CLOSURE (SOUTH)	2	100	200	5	10	10	20	45	90	1	2	146	292	3	21
	CTH U CLOSURE AND DETOUR	14	20	280	12	168	24	336	0	0	0	0	160	2,240	2	14
	TEMPORARY ACCESS LOCATIONS	100	50	5,000	0	0	0	0	0	0	0	0	24	2,400	0	0
	SHOULDER CLOSURES	15	50	750	0	0	0	0	0	0	0	0	4	60	0	0
	STAGE 1 SUBTOTALS			42,230		1,178		2,356		1,590		102		10,992		49
2	IH 41 STAGE 2 DAILY TC	135	20	2,700	0	0	0	0	0	0	0	0	96	12,960	2	6
	IH 41 SB INSIDE LANE CLOSURE	10	160	1,600	10	100	20	200	15	150	1	10	28	280	0	6
	IH 41 NB INSIDE LANE CLOSURE	40	160	6,400	10	400	20	800	15	600	1	40	28	1,120	0	0
	TEMPORARY ACCESS LOCATIONS	135	0	0	0	0	0	0	0	0	0	0	24	3,240	0	0
	STAGE 2 SUBTOTALS			10,700		500		1,000		750		155		17,600		12
3	IH 41 STAGE 3 DAILY TC	10	450	4,500	40	400	80	800	0	0	0	0	60	600	2	6
	IH 41 NB INSIDE LANE CLOSURE	10	160	1,600	10	100	20	200	15	150	1	10	28	280	0	0
	STAGE 3 SUBTOTALS			6,100		500		1,000		150		10		880		6
	TOTAL 1000		59,030		2,178		4,356		2,490		267		29,472		67	

3

SUBGRADE IMPROVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	645.0140 GEOTEXTILE TYPE SAS SY	645.0220 GEOGRID TYPE SR SY
1000	1345+00	-	1370+00	IH 41 NB, LT	11,200	11,200
1000	1387+00	-	1397+00	IH 41 NB, RT	1,450	1,450
1000	1405+00	-	1441+00	IH 41 NB, LT	16,000	16,000
1000	1451+00	-	1471+00	IH 41 NB, RT	2,900	2,900
				TOTAL 1000	31,550	31,550

SAWING

CATEGORY	STATION	TO	STATION	LOCATION	690.0150 ASPHALT LF	690.0250 CONCRETE LF
1000	1234+75	-	-	IH 41 NB, RT	10	-
1000	1323+58	-	1323+72	IH 41 NB, LT & RT	-	25
1000	1334+65	-	1349+58	IH 41 NB, RT	1,510	-
1000	1334+65	-	1405+18	IH 41 NB, LT	7,060	-
1000	1381+53	-	1398+56	IH 41 NB, RT	1,720	-
1000	1400+50	-	1405+18	IH 41 NB, RT	480	-
1000	1405+18	-	1408+40	IH 41 NB, RT	-	325
1000	1407+00	-	-	IH 41 NB, LT	5	-
1000	1417+00	-	1418+00	IH 41 NB, RT	115	-
1000	1417+00	-	1423+01	IH 41 NB, LT	605	-
1000	1435+63	-	1436+03	IH 41 NB, RT	-	40
1000	1437+76	-	1440+09	IH 41 NB, RT	240	-
1000	1447+62	-	1476+06	IH 41 NB, RT	2,850	-
1000	1445+97	-	1489+05	IH 41 NB, LT	4,315	-
1000	1463+74	-	-	FRENCH RD	45	-
1000	1466+68	-	-	FRENCH RD	45	-
1000	1228+00	-	1234+70	IH 41 SB, RT	675	-
1000	1243+76	-	-	IH 41 SB, LT	20	55
1000	1244+50	-	-	IH 41 SB, RT	5	-
1000	1294+90	-	1295+50	IH 41 SB, RT	60	-
1000	1355+37	-	1356+76	IH 41 SB, RT	140	-
1000	1389+62	-	1391+10	IH 41 SB, RT	150	-
1000	1463+55	-	1464+90	IH 41 SB, RT	135	-
1000	1469+62	-	1489+61	IH 41 SB, RT	2,005	-
1000	VARIOUS			CTH U	40	115
				TOTAL 1000	22,230	560

PAVEMENT MARKING

CATEGORY	STATION	TO	STATION	LOCATION	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH YELLOW LF	643.3165 TEMPORARY MARKING LINE PAINT 6-INCH WHITE LF	643.3265 TEMPORARY MARKING LINE PAINT 10-INCH WHITE LF	643.3760 TEMPORARY RAISED PAVEMENT MARKER TYPE I EA	646.2020 MARKING LINE EPOXY 6-INCH YELLOW LF	646.2020 MARKING LINE EPOXY 6-INCH WHITE LF	646.4020 MARKING LINE EPOXY 10-INCH WHITE LF	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9300 MARKING REMOVAL SPECIAL MARKING EA	REMARKS
1000	1233+28	-	1489+99	IH 41 NB	24,275	40,250	1,130	780	1,450	1,450	-	64,525	1,130	2	STAGE 2
1000	1241+00	-	1480+80	IH 41 NB	-	-	-	-	25,760	32,570	1,130	-	-	-	STAGE 3
1000	122+00	-	128+25	CTH U	-	-	-	-	-	1,425	-	-	-	-	
1000	UNDISTRIBUTED			IH 41 NB	-	-	-	150	-	-	-	-	-	-	
				SUBTOTALS	24,275	40,250	1,130	930	27,210	35,445	1,130	64,525	1,130	2	
				TOTAL 1000	64,525		1,130	930	62,655		1,130	64,525	1,130	2	

3

CONSTRUCTION STAKING SURVEY PROJECT 1130-67-71

CATEGORY	LOCATION	SPV.0060.08 EA
1000	IH 41 AND CTH U	1
	TOTAL 1000	1

STREET SWEEPING

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0075.01 HR
1000	1218+00	-	1490+01	IH 41	175
				TOTAL 1000	175

REMOVAL AND SALVAGE OF HIGH-TENSION CABLE GUARD AND POSTS

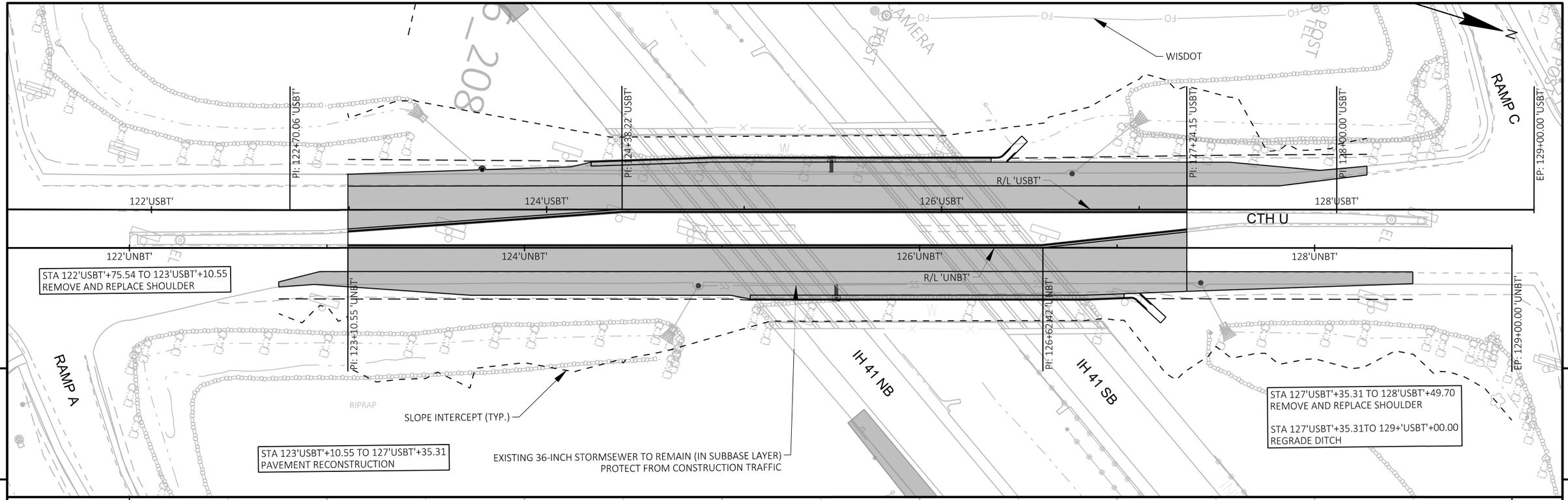
CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.01 LF
1000	1218+05	-	1232+83	IH 41 NB, MEDIAN	1,478
1000	1230+44	-	1250+41	IH 41 NB, MEDIAN	1,996
1000	1252+05	-	1280+92	IH 41 NB, MEDIAN	2,886
1000	1278+29	-	1294+90	IH 41 NB, MEDIAN	1,663
1000	1295+90	-	1321+97	IH 41 NB, MEDIAN	2,670
1000	1323+12	-	1341+47	IH 41, NB, MEDIAN	1,838
1000	1339+52	-	1355+91	IH 41, NB, MEDIAN	1,639
1000	1356+17	-	1376+47	IH 41, SB, MEDIAN	2,028
1000	1374+48	-	1390+27	IH 41, NB, MEDIAN	1,579
1000	1390+51	-	1409+91	IH 41, NB, MEDIAN	1,940
1000	1412+52	-	1435+69	IH 41, NB, MEDIAN	2,317
1000	1437+69	-	1463+77	IH 41, NB, MEDIAN	2,609
1000	1464+71	-	1488+40	IH 41, NB, MEDIAN	2,362
1000	1483+01	-	1490+00	IH 41, NB, MEDIAN	700
				TOTAL 1000	27,705

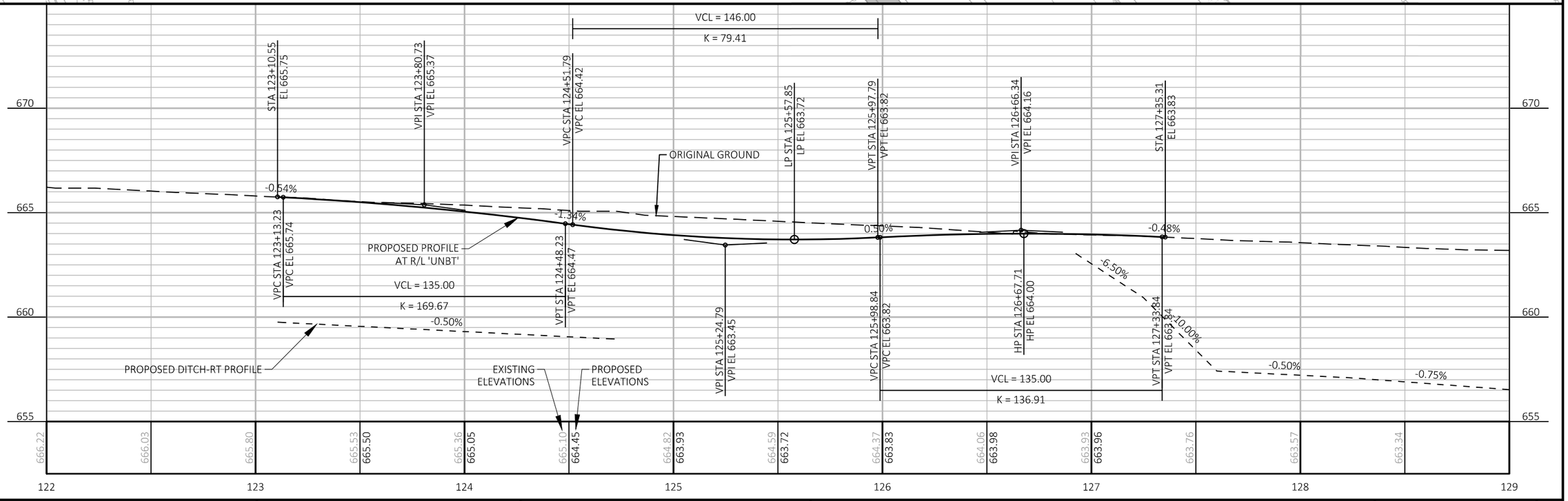
HMA LONGITUDINAL JOINT REPAIR

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.02 LF
1000	1334+65	-	1356+80	IH 41 NB, RT	2,215
1000	1356+80	-	1382+90	IH 41 NB, RT	2,610
1000	1398+15	-	1400+50	IH 41 NB, RT	235
1000	1418+00	-	1423+85	IH 41 NB, RT	585
1000	1432+05	-	1436+05	IH 31 NB, RT	100
1000	1437+75	-	1441+75	IH 41 NB, RT	400
1000	1444+90	-	1478+30	IH 41 NB, RT	3,340
				TOTAL 1000	9,485

REMOVING ASPHALTIC SURFACE RUMBLE STRIPS

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0090.06 LF
1000	1334+65	-	1355+80	IH 41 NB, RT	2,115
1000	1361+20	-	1380+75	IH 41 NB, RT	1,955
1000	1432+05	-	1436+05	IH 31 NB, RT	400
1000	1437+75	-	1441+75	IH 41 NB, RT	400
1000	1444+90	-	1478+30	IH 41 NB, RT	3,340
				TOTAL 1000	8,210





PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN AND PROFILE: CTH U NB	SHEET 171	E

STA 122'USBT'+99.39 TO 127'USBT'+24.15
PAVEMENT RECONSTRUCTION

EXISTING 36-INCH STORMSEWER
TO REMAIN (IN SUBBASE LAYER)
PROTECT FROM CONSTRUCTION TRAFFIC

STA 127'USBT'+24.15 TO 128'USBT'+15.34
REMOVE AND REPLACE SHOULDER

STA 127'USBT'+24.15 TO 127+'USBT'+50.00
REGRADE DITCH

WISDOT

REMOVE ROCK BERM UNDER
EXCAVATION COMMON

SLOPE INTERCEPT (TYP.)

RAMP B

RAMP C

RAMP A

CTH U

IH 41 NB

IH 41 SB

PI: 122+70.06 'USBT'

PI: 124+38.22 'USBT'

PI: 127+24.15 'USBT'

EP: 128+00.00 'USBT'

R/L 'USBT'

122'USBT'

124'USBT'

126'USBT'

128'USBT'

PI: 123+10.55 'UNBT'

PI: 126+62.42 'UNBT'

EP: 129+00.00 'UNBT'

R/L 'UNBT'

122'UNBT'

124'UNBT'

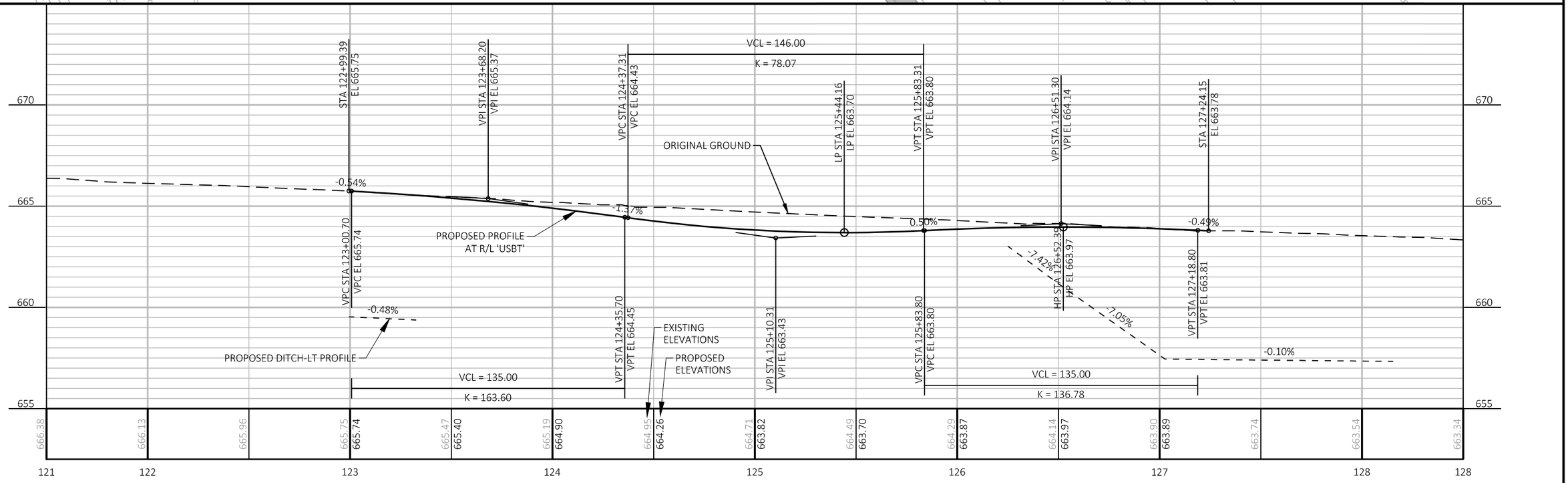
126'UNBT'

128'UNBT'

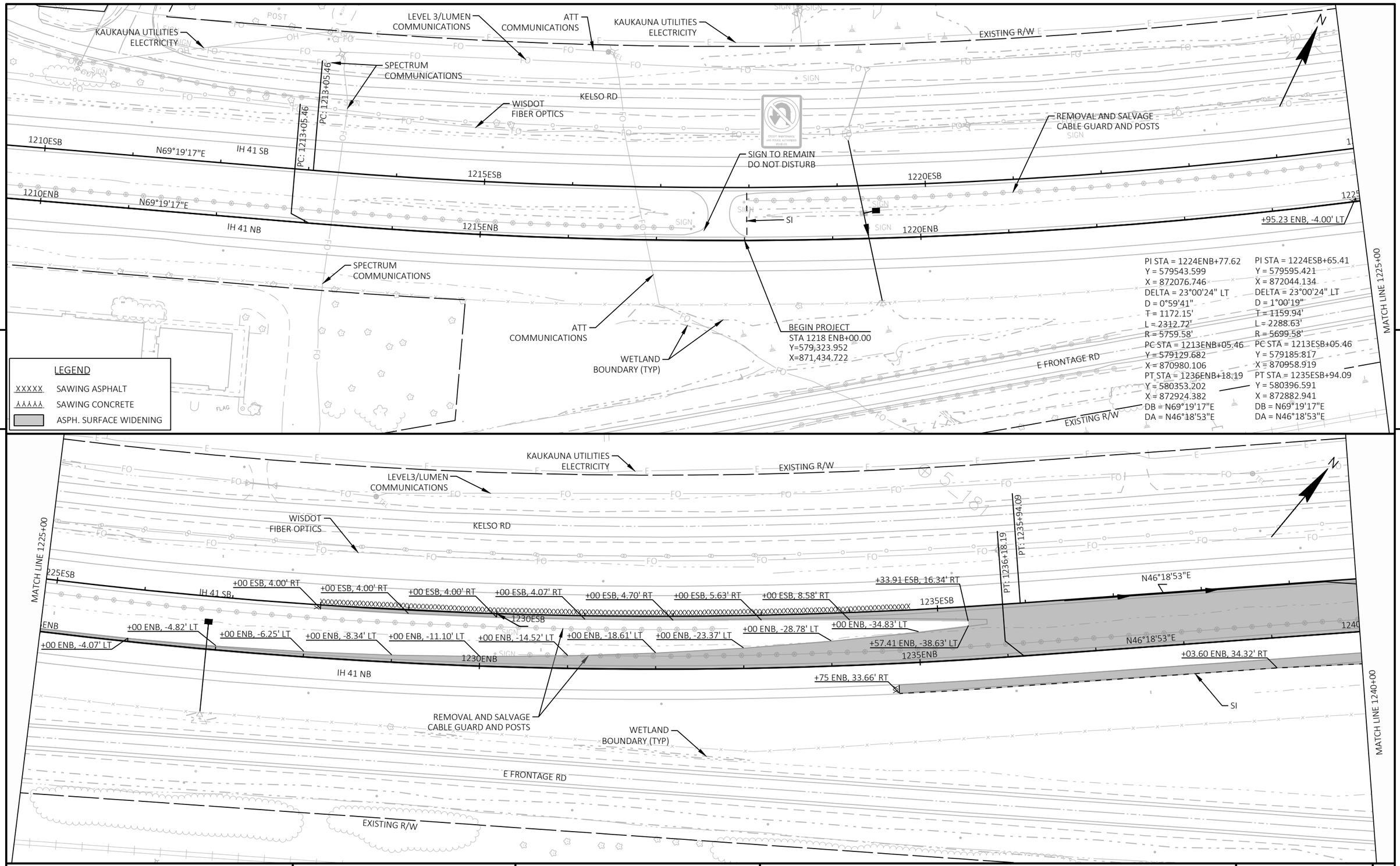
RIPRAP

5

5



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN AND PROFILE: CTH U SB	SHEET 172	E



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 173	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 01

PLOT DATE : 12/23/2024 8:49 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

MATCH LINE 1240+00

EXISTING R/W

LEVEL3/LUMEN COMMUNICATIONS

KAUKAUNA UTILITIES ELECTRICITY

KELSO RD

WETLAND BOUNDARY (TYP)

CTH JJ / EDGEWOOD DR

B-44-071

WISDOT FIBER OPTICS

+50.03 ESB, 3.77' RT

1240ESB

+77.31 ESB, 28.05' RT

+99.22 ESB, 28.00' RT

1245ESB

IH 41 SB

N46°18'53"E

1250ESB

+83.70 ENB, -6.19' LT

+36.48 ENB, -9.78' LT

+05.87 ENB, -9.41' LT

+00 ENB, -9.78' LT

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

+01.35 ENB, -26.96' LT

+53.55 ENB, 37.85' RT

+00.02 ENB, -23.19' LT

+00 ENB, -21.93' LT

+00 ENB, 15.95' LT

+00 ENB, -13.67' LT

+00 ENB, -19.12' LT

+00.64 ENB, -11.78' LT

+66.42 ENB, -11.78' LT

+82.81 ENB, -6.28' LT

1245ENB

N46°18'53"E

1250ENB

IH 41 NB

+64.96 ENB, 36.00' RT

+55.17 ENB, -9.69' LT

+65.57 ENB, 45.45' RT

+00 ENB, -9.78' LT

+83.70 ENB, 34.27' RT

+15.58 ENB, 36.00' RT

+00 ENB, 49.21' RT

+64.96 ENB, 51.57' RT

B-44-072

+50 ENB, 50.38' RT

Green Bay 17

Hwy JJ

REMOVE

+00.02 ENB, 43.17' RT

+00 ENB, 45.33' RT

+00 ENB, 47.49' RT

+00 ENB, 49.22' RT

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

SI

FENCE CHAIN LINK SALVAGED 5-FT

FENCE CHAIN LINK SALVAGED 5-FT

MATCH LINE 1255+00

LEGEND

XXXXX SAWING ASPHALT

SAWING CONCRETE

ASPH. SURFACE WIDENING

CAUTION

WE ENERGIES GAS

LEVEL3/LUMEN COMMUNICATIONS

KAUKAUNA UTILITIES ELECTRICITY

BODDE RD

WETLAND BOUNDARY (TYP)

ATT COMMUNICATIONS

SPECTRUM COMMUNICATIONS

W FRONTAGE RD

EXISTING R/W

WE ENERGIES GAS

CAUTION

WISDOT FIBER OPTICS

MATCH LINE 1255+00

1255ESB

1260ESB

N46°18'53"E

1265ESB

+00 ENB, -9.77' LT

+00 ENB, -9.77' LT

+00 ENB, -9.76' LT

+00 ENB, -9.76' LT

+00 ENB, -9.75' LT

+00 ENB, -9.75' LT

+00 ENB, -9.74' LT

1260ENB

N46°18'53"E

1265ENB

+00 ENB, 51.24' RT

SI

KAUKAUNA UTILITIES ELECTRICITY

US SIGNAL FIBER OPTICS

SPECTRUM OVERHEAD

FOX ENERGY CENTER WATER

ATC TRANSMISSION LINE

KAUKAUNA UTILITIES ELECTRICITY

E FRONTAGE RD

MATCH LINE 1270+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 174	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 02

PLOT DATE : 12/23/2024 8:52 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

MATCH LINE 1270+00

ATT COMMUNICATIONS
KAUKAUNA UTILITIES ELECTRICITY
LEVEL3/LUMEN COMMUNICATIONS
SPECTRUM COMMUNICATIONS
WE ENERGIES GAS
CAUTION
EXISTING R/W
WISDOT FIBER OPTICS
W FRONTAGE RD
WETLAND BOUNDARY (TYP)
REMOVAL AND SALVAGE CABLE GUARD AND POSTS
1270ESB
IH 41 SB
1275ESB
N46°18'53"E
1280ESB
+00 ENB, -9.75' LT
+00 ENB, -12.49' LT
+00 ENB, -15.24' LT
+00 ENB, -16.50' LT
+00.03 ENB, -16.50' LT
ENB
1275ENB
N46°18'53"E
1280ENB
IH 41 NB
+00.84 ENB, 51.25' RT
+45.84 ENB, 44.50' RT
FENCE CHAIN LINK SALVAGED 5-FT
REMOVAL AND SALVAGE CABLE GUARD AND POSTS
FOX ENERGY CENTER WATER
SI
E FRONTAGE RD
KAUKAUNA UTILITIES ELECTRICITY
SPECTRUM COMMUNICATIONS
EXISTING R/W
ATC TRANSMISSION LINE
FENCE CHAIN LINK SALVAGED 5-FT
MATCH LINE 1285+00

LEGEND
XXXXX SAWING ASPHALT
SAWING CONCRETE
ASPH. SURFACE WIDENING

PI STA = 1293ENB+11.42
Y = 584285.504
X = 877041.413
DELTA = 11°00'54" LT
D = 0°59'41"
T = 555.35'
L = 1107.27'
R = 5759.58'
PC STA = 1287ENB+56.08
Y = 583901.927
X = 876639.817
PT STA = 1298ENB+63.35
Y = 584738.745
X = 877362.321
DB = N46°18'53"E
DA = N35°17'59"E

PI STA = 1292ESB+81.55
Y = 584324.896
X = 876995.787
DELTA = 11°00'54" LT
D = 1°00'19"
T = 549.56'
L = 1095.74'
R = 5699.58'
PC STA = 1287ESB+31.98
Y = 583945.316
X = 876598.375
PT STA = 1298ESB+27.72
Y = 584773.416
X = 877313.353
DB = N46°18'53"E
DA = N35°17'59"E

ATT COMMUNICATIONS
KAUKAUNA UTILITIES ELECTRICITY
SPECTRUM COMMUNICATIONS
EXISTING R/W
ATT COMMUNICATIONN
WE ENERGIES GAS
CAUTION
KAUKAUNA UTILITIES ELECTRICITY
W FRONTAGE RD
PC: 1287+56.08
PC: 1287+31.98
PT: 1298+63.35
PT: 1298+27.72
WISDOT FIBER OPTICS
REMOVAL AND SALVAGE CABLE GUARD AND POSTS
1285ESB
N46°18'53"E
1290ESB
IH 41 SB
1295ESB
N35°17'59"E
+00 ENB, -16.50' LT
ENB
N46°18'53"E
1290ENB
+00 ENB, -16.51' LT
+00 ENB, -16.50' LT
1295ENB
N35°17'59"E
+56.08 ENB, 44.50' RT
IH 41 NB
+63.35 ENB, 44.50' RT
SI
E FRONTAGE RD
ATC TRANSMISSION LINE
FOX ENERGY CENTER WATER
KAUKAUNA UTILITIES ELECTRICITY
SPECTRUM COMMUNICATIONS
SPECTRUM COMMUNICATIONS
ATT COMMUNICATIONS
CAUTION
WISCONSIN PUBLIC SERVICE GAS
EXISTING R/W
WISDOT FIBER OPTICS
KAUKAUNA UTILITIES ELECTRICITY
TOWN CLUB ROAD
TRAFFIC CAMERA
MATCH LINE 1300+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 175	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 03
PLOT DATE : 12/23/2024 8:54 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

MATCH LINE 1300+00

KAUKAUNA UTILITIES ELECTRICITY

KAUKAUNA UTILITIES ELECTRICITY

EXISTING R/W

WISDOT FIBER OPTICS

SPECTRUM COMMUNICATIONS

ATT COMMUNICATIONS

W FRONTAGE RD

WEIGH STATION 1 MILE

REMOVE

WETLAND BOUNDARY (TYP)

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

1300ESB

IH 41 SB

1305ESB

N35°17'59"E

1310ESB

+00 ENB, -16.50' LT

+00 ENB, -16.50' LT

ENB

1305ENB

N35°17'59"E

1310ENB

1315

IH 41 NB

SI

E FRONTAGE RD

WISCONSIN PUBLIC SERVICES GAS

CAUTION

EXISTING R/W

ATT COMMUNICATIONS

ATC TRANSMISSION LINE

KAUKAUNA UTILITIES ELECTRICITY
SPECTRUM COMMUNICATIONS

KAUKAUNA UTILITIES ELECTRICITY

MATCH LINE 1315+00

LEGEND

XXXXX SAWING ASPHALT

SAWING CONCRETE

ASPH. SURFACE WIDENING

5

5

MATCH LINE 1315+00

LEVEL3/LUMEN COMMUNICATIONS

W FRONTAGE RD

LEVEL3/LUMEN COMMUNICATIONS

WISDOT FIBER OPTICS

B-44-073

SPECTRUM COMMUNICATIONS

WETLAND BOUNDARY (TYP)

W FRONTAGE RD

EXISTING R/W

CAUTION

WISCONSIN PUBLIC SERVICES GAS

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

1315ESB

IH 41 SB

N35°17'59"E

1320ESB

1325ESB

+00 ENB, -11.92' LT

+98.97 ENB, -9.14' LT

+02.68 ENB, -8.37' LT

+00 ENB, -16.50' LT

+00 ENB, -14.73' LT

+47.64 ENB, -16.00' LT

+00 ENB, -16.50' LT

+58.08 ENB, -8.55' LT

ENB

N35°17'59"E

1320ENB

1325ENB

1330

IH 41 NB

+37.14 ENB, 44.50' RT

+99.87 ENB, 45.09' RT

+31.75 ENB, 46.56' RT

+65.52 ENB, 34.04' RT

+73.97 ENB, 44.50' RT

+22.89 ENB, 47.99' RT

+26.93 ENB, 36.00' RT

+00 ENB, 46.12' RT

+00 ENB, 46.38' RT

+72.18 ENB, 46.00' RT

+00 ENB, 46.00' RT

+00 ENB, 46.00' RT

SI

SI

E FRONTAGE RD

FENCE CHAIN LINK SALVAGED 5-FT

SPECTRUM COMMUNICATIONS

KAUKAUNA UTILITIES ELECTRICITY

B-44-074

WRIGHTSTOWN RD

FENCE CHAIN LINK SALVAGED 5-FT

EXISTING R/W

WISCONSIN PUBLIC SERVICES GAS

CAUTION

ATT COMMUNICATIONS

LEVEL3/LUMEN COMMUNICATIONS

SPECTRUM COMMUNICATIONS

WISCONSIN PUBLIC SERVICE GAS

CAUTION

E FRONTAGE RD

LEVEL3/LUMEN COMMUNICATIONS

SPECTRUM COMMUNICATIONS

KAUKAUNA UTILITIES ELECTRICITY

MATCH LINE 1330+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 176	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 04

PLOT DATE : 12/23/2024 8:57 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

PI STA = 1336ENB+26.96
Y = 587810.380
X = 879537.133
DELTA = 9°00'06" LT
D = 1°30'25"
T = 299.28'
L = 597.32'
R = 3801.94'
PC STA = 1333ENB+27.68
Y = 587566.129
X = 879364.196
PT STA = 1339ENB+25.00
Y = 588078.682
X = 879669.725
DB = N35°17'59"E
DA = N26°17'53"E

PI STA = 1335ESB+86.61
Y = 587841.197
X = 879485.436
DELTA = 9°00'06" LT
D = 1°31'52"
T = 294.55'
L = 587.89'
R = 3741.94'
PC STA = 1332ESB+92.05
Y = 587600.800
X = 879315.227
PT STA = 1338ESB+79.95
Y = 588105.264
X = 879615.934
DB = N35°17'59"E
DA = N26°17'53"E

MATCH LINE 1330+00
WETLAND BOUNDARY (TYP)
PC: 1333+27.68
PC: 1332+92.05
WISDOT FIBER OPTICS
EXISTING R/W
W FRONTAGE RD
PT: 1339+25.00
PT: 1338+79.95
1330ESB
N35°17'59"E
REMOVAL AND SALVAGE CABLE GUARD AND POSTS
IH 41 SB
1335ESB
1340ESB
N26°17'53"E
+27.68 ENB, -16.00' LT
+99.94 ENB, -16.00' LT
+24.92 ENB, -16.00' LT
+00 ENB, -28.00' LT
+00 ENB, -16.00' LT
1335ENB
1340ENB
IH 41 NB
+00 ENB, 46.00' RT
+13.42 ENB, 45.00' RT
+00.01 ENB, 46.00' RT
+50 ENB, 45.00' RT
SI
FENCE CHAIN LINK SALVAGED 5-FT
LEVEL3/LUMEN COMMUNICATION
KAUKAUNA UTILITIES ELECTRICITY
TRUCKS OVER 5 TONS STOP AT WEIGH STA.
E FRONTAGE RD
EXISTING R/W
SPECTRUM COMMUNICATIONS
MATCH LINE 1345+00

LEGEND
- SAWING ASPHALT
- SAWING CONCRETE
- ASPH. SURFACE WIDENING

KAUKAUNA UTILITIES ELECTRICITY
EXISTING R/W
WEIGH STATION RIGHT LANE CLOSED
WISDOT FIBER OPTICS
W FRONTAGE RD
REMOVAL AND SALVAGE CABLE GUARD AND POSTS
1345ESB
1350ESB
IH 41 SB
N26°17'53"E
1355ESB
+19.13 ENB, -27.47' LT
+30.29 ENB, -28.00' LT
+00 ENB, 36.43' RT
+57.56 ENB, 34.75' RT
+00 ENB, 45.00' RT
+00.01 ENB, 42.14' RT
+00.01 ENB, 39.29' RT
SI
IH 41 NB
REMOVAL AND SALVAGE CABLE GUARD AND POSTS
EXISTING R/W
WISDOT FIBER OPTICS
E FRONTAGE RD
FENCE CHAIN LINK SALVAGED 5-FT
KAUKAUNA UTILITIES ELECTRICITY
LEVEL3/LUMEN COMMUNICATIONS
SPECTRUM COMMUNICATIONS
SPECTRUM COMMUNICATIONS
KAUKAUNA UTILITIES ELECTRICITY
KAUKAUNA UTILITIES ELECTRICITY
MATCH LINE 1360+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 177	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 05
PLOT DATE : 12/23/2024 8:59 AM
PLOT BY : ANDY BLOCK
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

KAUKAUNA UTILITIES
ELECTRICITY

EXISTING R/W

MATCH LINE 1360+00

W FRONTAGE RD

WISDOT
FIBER OPTICS

PC: 1363+04.85

PC: 1363+49.91

IH 41 SB

1360ESB

N26°17'53"E

1365ESB

1370ESB

+50.06 ENB, -28.00' LT

+00 ENB, -28.00' LT

+69.32 ENB, -28.00' LT

1365ENB

1370ENB

IH 41 NB

REMOVAL AND SALVAGE
CABLE GUARD AND POSTS

EXIT RAMP TO WEIGHT STATION

PI STA = 1369ENB+84.23
Y = 590821.289
X = 881025.084
DELTA = 6°21'11" RT
D = 0°30'05"
T = 634.33'
L = 1267.35'
R = 11429.81'
PC STA = 1363ENB+49.91
Y = 590252.615
X = 880744.053
PT STA = 1376ENB+17.26
Y = 591355.374
X = 881367.316
DB = N26°17'53"E
DA = N32°39'04"E

PI STA = 1369ESB+42.51
Y = 590850.857
X = 880972.769
DELTA = 6°21'11" RT
D = 0°29'55"
T = 637.66'
L = 1274.00'
R = 11489.81'
PC STA = 1363ESB+04.85
Y = 590279.197
X = 880690.263
PT STA = 1375ESB+78.86
Y = 591387.745
X = 881316.797
DB = N26°17'53"E
DA = N32°39'04"E

KAUKAUNA UTILITIES
ELECTRICITY

WISDOT
OVERHEAD

WISDOT
FIBER OPTICS

KAUKAUNA UTILITIES
ELECTRICITY

MATCH LINE 1375+00

LEGEND

XXXXX SAWING ASPHALT

SAWING CONCRETE

ASPH. SURFACE WIDENING

KAUKAUNA UTILITIES
ELECTRICITY

EXISTING R/W

MATCH LINE 1375+00

WETLAND
BOUNDARY (TYP)

WISDOT
FIBER OPTICS

REMOVAL AND SALVAGE
CABLE GUARD AND POSTS

PT: 1375+78.86

PT: 1376+17.26

EXIT 154

U

WRIGHTSTOWN
HOBART

EXIT ONLY

IH 41 SB

1375ESB

1380ESB

N32°39'04"E

1385ESB

+00.53 ENB, -28.00' LT

+16.39 ENB, -15.33' LT

+84.84 ENB, -16.42' LT

+82.43 ENB, -16.00' LT

+82.52 ENB, -16.00' LT

1380ENB

N32°39'04"E

1385ENB

IH 41 NB

+53.09 ENB, 55.50' RT

+00 ENB, 56.68' RT

+11.78 ENB, 51.53' RT

+98.95 ENB, 53.90' RT

SI

WISDOT
OVERHEAD

ENTRANCE RAMP FROM WEIGH STATION

ATT
COMMUNICATIONS

SPECTRUM
COMMUNICATIONS

REMOVING ANCILLARY
STRUCTURE S-44-136
REQD.

E FRONTAGE RD

MATCH LINE 1390+00

EXISTING R/W

LEVEL3/LUMEN
COMMUNICATIONS

KAUKAUNA UTILITIES
ELECTRICITY

CAUTION

ANR
GAS

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 178	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 06

PLOT DATE : 12/23/2024 9:02 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

MATCH LINE 1390+00

EXIT 154

U

WRIGHTSTOWN
HOBART

EXIT ONLY

REMOVE

EXISTING R/W

KAUKAUNA UTILITIES
ELECTRICITY

WISDOT
FIBER OPTICS

W FRONTAGE RD

ATT
COMMUNICATIONS

ATT COMMUNICATIONS

REMOVAL AND SALVAGE
CABLE GUARD AND POSTS

ENTRANCE RAMP TO CTH U

1390ESB

+82.53 ENB, -16.00' LT

+70.02 ENB, -16.50' LT

ENB

1395ESB

+66.95 ENB, -16.50' LT

1395ENB

N32°39'04"E

1400ESB

IH 41 SB

1400ENB

N32°39'04"E

+80.85 ENB, -16.92' LT

+45.93 ENB, -16.00' LT

1405

+17.09 ENB, 56.50' RT

IH 41 NB

+92.17 ENB, 44.51' RT

+00 ENB, 49.87' RT

+45.94 ENB, 46.51' RT

+50 ENB, 48.60' RT

+92.15 ENB, 47.55' RT

+00 ENB, 46.50' RT

+20.56 ENB, 56.50' RT

+55.94 ENB, 56.50' RT

+55.94 ENB, 59.83' RT

+20.06 ENB, 44.51' RT

+36.48 ENB, 46.52' RT

+00 ENB, 46.51' RT

+50 ENB, 48.25' RT

SI

E. FRONTAGE RD

REMOVING ANCILLARY
STRUCTURE S-44-143
REQD.

FENCE CHAIN LINK SALVAGED 5-FT

SI

EXIT RAMP AT CTH U

ATT
COMMUNICATIONS

EXIT
154

E5-1B
MOVE

EXISTING R/W

KAUKAUNA UTILITIES
ELECTRICITY

SPECTRUM
COMMUNICATIONS

LEVEL3/LUMEN
COMMUNICATIONS

MATCH LINE 1405+00

LEGEND

XXXXX SAWING ASPHALT

ΔΔΔΔΔ SAWING CONCRETE

ASPH. SURFACE WIDENING

5

5

WISDOT
FIBER OPTICS

ENTRANCE RAMP TO CTH U

REMOVAL AND SALVAGE
CABLE GUARD AND POSTS

TRAFFIC CAMERA

CTH U

XXX IS COUNTY LINE RD

B-44-159

EXIT RAMP AT CTH U

WISDOT
FIBER OPTICS

REMOVAL AND SALVAGE
CABLE GUARD AND POSTS

1405ESB

IH 41 SB

1410ESB

1415ESB

N32°39'04"E

+99.40 ENB, -22.68' LT

+18ENB, 26.00' RT

ENB

1410ENB

+00.73 ENB, -26.47' LT

1415ENB

N32°39'04"E

1420

+18ENB, 35.30' RT

+68.45ENB, 46.50' RT

IH 41 NB

+50 ENB, 36.00' RT

+14.37ENB, 36.63' RT

+00 ENB, 42.51' RT

+00 ENB, 47.20' RT

+94.13 ENB, 49.14' RT

+00 ENB, 48.14' RT

B-44-160

Brown Co

I2-2
MOVE

+00 ENB, 45.68' RT

+00.47 ENB, 48.02' RT

+00 ENB, 39.04' RT

+00 ENB, 39.34' RT

SI

+55.78 ENB, 43.69' RT

+00 ENB, 42.26' RT

+94.39 ENB, 36.00' RT

SI

W4-1R
MOVE

CITY OF WRIGHTSTOWN
WATER

WISCONSIN PUBLIC SERVICE
ELECTRICITY

SPECTRUM
COMMUNICATIONS

EXIT RAMP AT CTH U

ENTRANCE RAMP AT CTH U

CTH U DETAILS SHOWN ELSEWHERE

MATCH LINE 1420+00

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN & BROWN	PLAN	SHEET 179	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 07

PLOT DATE : 12/23/2024 9:04 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

MATCH LINE 1420+00

MID VALLEY DR

EXIT RAMP AT CTH U

WISDOT FIBER OPTIC

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

1420ESB | 1425ESB | IH 41 SB | N32°39'04"E | 1430ESB

+91.95ENB, -10.25' LT
+91.95ENB, -9.83' LT
+01.07 ENB, -4.02' LT

ENB | 1425ENB | N32°39'04"E | 1430ENB | 1435

IH 41 NB

+84.41 ENB, 36.00' RT

MATCH LINE 1435+00

SPECTRUM COMMUNICATIONS

FRENCH RD

WETLAND BOUNDARY (TYP)

CITY OF WRIGHTSTOWN WATER

LEVEL3/LUMEN COMMUNICATIONS

WISCONSIN PUBLIC SERVICE ELECTRICITY

EXISTING R/W

WISCONSIN PUBLIC SERVICES OVERHEAD

EXISTING R/W

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

MID VALLEY DR

WISDOT FIBER OPTICS

WISCONSIN PUBLIC SERVICES ELECTRICITY

ATT COMMUNICATIONS

B-05-080

WISCONSIN PUBLIC SERVICES ELECTRICITY

MOVE OVER OR SLOW DOWN FOR STOPPED VEHICLES WITH FLASHING LIGHTS

REMOVE

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

1435ESB | 1440ESB | IH 41 SB | N32°39'04"E | 1445ESB

+97.99 ENB, -4.00' LT

ENB | B-05-053 | 1440ENB | N32°39'04"E | 1445ENB | 1450

IH 41 NB

+03.33 ENB, 36.00' RT
+75.54 ENB, 36.00' RT
+08.53 ENB, 35.00' RT
+83.53 ENB, 36.00' RT

+63.09 ENB, 68.30' RT

+93.64 ENB, 55.93' RT

SI

SPEED LIMIT 70
R2-1
MOVE

NORTH INTERSTATE 41 NORTH 41
I4-2
MOVE

FRENCH RD

CITY OF WRIGHTSTOWN WATER

REMOVING CURB AND CONCRETE SURFACE DRAIN REQD.

LEVEL3/LUMEN COMMUNICATIONS

WISCONSIN PUBLIC SERVICES ELECTRICITY

SPECTRUM COMMUNICATIONS

APPLE PL

WISCONSIN PUBLIC SERVICE ELECTRICITY

FENCE CHAIN LINK SALVAGED 5-FT

EXISTING R/W

ATT COMMUNICATIONS

WETLAND BOUNDARY (TYP)

APPLE CREEK

APPLE CREEK RD

WISCONSIN PUBLIC SERVICES ELECTRICITY

MATCH LINE 1450+00

LEGEND

- XXXXX SAWING ASPHALT
- XXXXX SAWING CONCRETE
- ASPH. SURFACE WIDENING

5

5

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 180	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 08

PLOT DATE : 12/23/2024 9:07 AM | PLOT BY : ANDY BLOCK | PLOT NAME : | PLOT SCALE : 1 IN:100 FT

MATCH LINE 1450+00

EXISTING R/W

WISDOT FIBER OPTICS

MID VALLEY DR

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

WISCONSIN PUBLIC SERVICE ELECTRICITY

WETLAND BOUNDARY (TYP)

1450ESB | 1455ESB | IH 41 SB | 1460ESB | N32°39'04"E

+17.99ENB, -16.00' LT | +00.65 ENB, -16.00' LT | +00 ENB, -16.00' LT

ENB | 1455ENB | 1460ENB | N32°39'04"E | 1465

+95.48 ENB, 45.15' RT

IH 41 NB

+80.70 ENB, 46.61' RT | +54.06 ENB, 44.50' RT | SI

FRENCH RD

FENCE CHAIN LINK SALVAGED 5-FT | FENCE CHAIN LINK SALVAGED 5-FT

CITY OF WRIGHTSTOWN WATER | ATT COMMUNICATIONS | SPECTRUM COMMUNICATIONS | WISCONSIN PUBLIC SERVICE ELECTRICITY | LEVEL3 COMMUNICATIONS | EXISTING R/W

MATCH LINE 1465+00

LEGEND

- XXXXX SAWING ASPHALT
- ⅄⅄⅄⅄⅄ SAWING CONCRETE
- ASPH. SURFACE WIDENING

5

MATCH LINE 1465+00

EXISTING R/W

WISDOT FIBER OPTICS

REMOVAL AND SALVAGE CABLE GUARD AND POSTS

MID VALLEY DR

ATT COMMUNICATIONS

+12.55 ESB, 8.00' RT | +62.55 ESB, 8.00' RT | +82.97 ESB, 28.52' RT

1465ESB | IH 41 SB | 1470ESB | N32°39'04"E | 1475ESB

+12.55 ESB, 28.00' RT | +21.37 ENB, -26.48' LT

+00.95 ENB, -16.00' LT | +50.95ENB, -16.62' LT | +50.96ENB, -16.12' LT

ENB | 1470ENB | N32°39'04"E | 1475ENB | 148

IH 41 NB

+16.42 ENB, 44.50' RT | +99.83 ENB, 44.50' RT | +05.99 ENB, 33.38' RT | SI

FRENCH DR

EXISTING R/W

ATT COMMUNICATIONS | LEVEL3 COMMUNICATIONS | SPECTRUM COMMUNICATIONS | WISCONSIN PUBLIC SERVICES ELECTRICITY

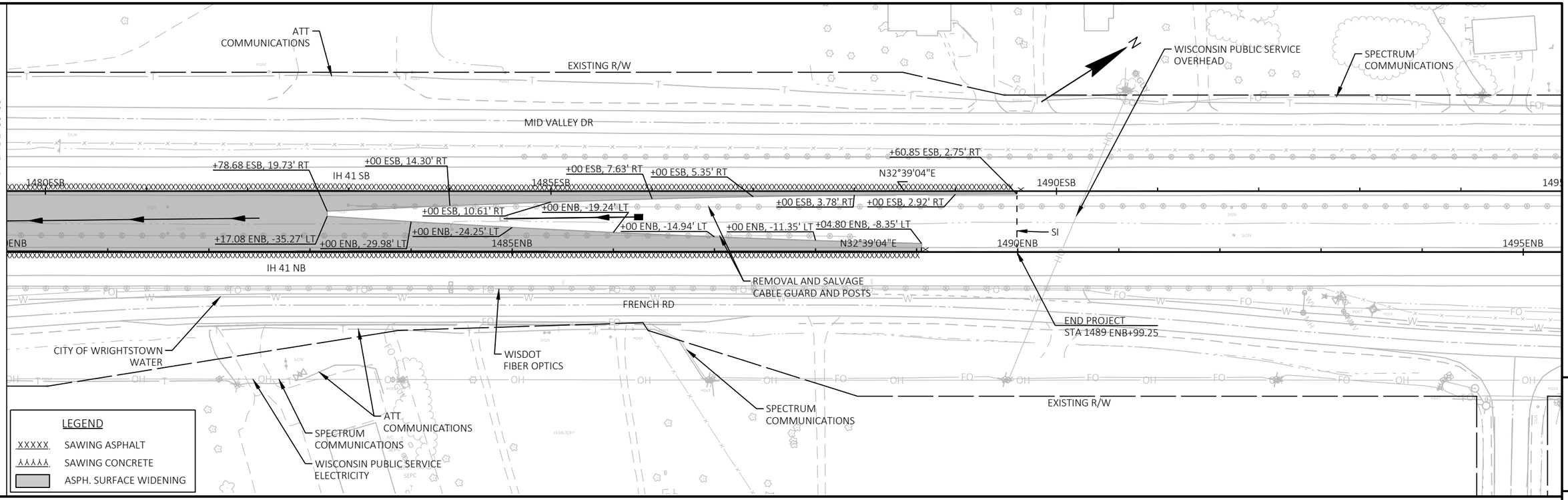
MATCH LINE 1480+00

5

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 181	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 09

PLOT DATE : 12/23/2024 9:09 AM | PLOT BY : ANDY BLOCK | PLOT NAME : | PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	PLAN	SHEET 182	E

FILE NAME : C:\USERS\ANDYBLOCK\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\050201-PN.DWG
LAYOUT NAME - 10

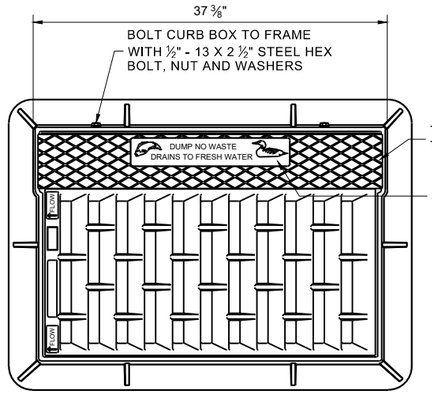
PLOT DATE : 12/23/2024 9:10 AM PLOT BY : ANDY BLOCK PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

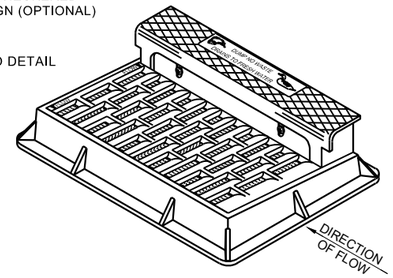
Standard Detail Drawing List

08A05-21A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-21B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-21E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08C08-03	INLETS MEDIAN 1 AND 2 GRATE
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D14-02	SLOTTED VANE DRAIN
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
13C19-03	HMA LONGITUDINAL JOINTS
14B07-16A	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16B	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16C	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16D	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16E	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16F	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16G	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16H	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16I	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16J	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16K	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16L	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16M	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B07-16N	CONCRETE BARRIER TEMPORARY PRECAST, 12'-6"
14B08-02A	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02B	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02C	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02D	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
14B08-02E	CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15B03-15A	FENCE CHAIN LINK
15B03-15B	FENCE CHAIN LINK
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C02-09F	ADVANCED WIDTH RESTRICTION SIGNING
15C02-09H	MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-09C	MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY
15C31-07A	PAVEMENT MARKING EXIT RAMP AND PARALLEL EXIT RAMP
15C31-07C	PAVEMENT MARKING ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP
15D12-13A	TRAFFIC CONTROL, TAPERED ENTRANCE RAMP WITHIN LANE CLOSURE
15D12-13B	TRAFFIC CONTROL, PARALLEL EXIT RAMP WITHIN LANE CLOSURE
15D20-08A	TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY
15D27-03	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D40-05B	TRAFFIC CONTROL, FULL LANE SHIFT MULTILANE DIVIDED 50 MPH AND OVER
15D40-05D	TRAFFIC CONTROL, PARTIAL LANE SHIFT MULTILANE DIVIDED 50 MPH AND GREATER
15D42-02	TRAFFIC CONTROL, TWO LANE FULL FREEWAY CLOSURE
15D47-03A	TRAFFIC CONTROL, INGRESS/EGRESS WITH BARRIER
15D47-03B	TRAFFIC CONTROL, INGRESS/EGRESS WITHOUT BARRIER

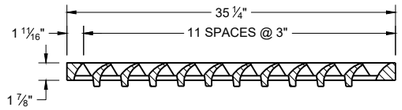
6

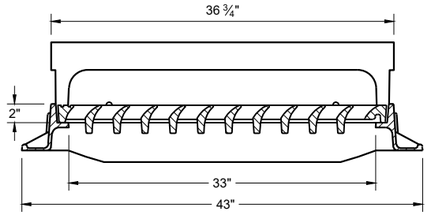


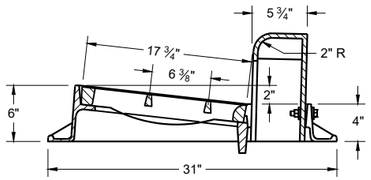
NOTE: EITHER CASTING IS ACCEPTABLE

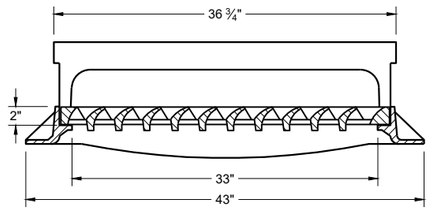


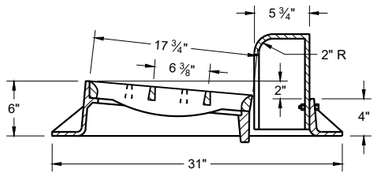
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







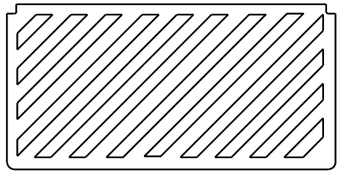




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

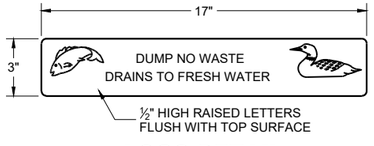
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



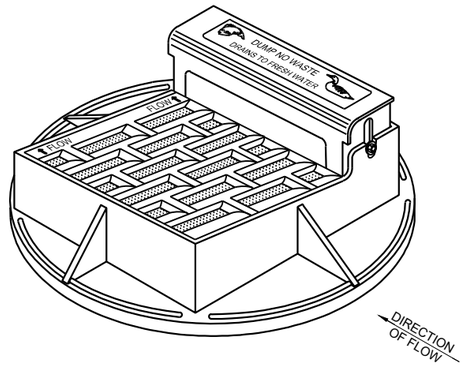
SPECIAL GRATE FOR TYPE "H" COVER

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

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

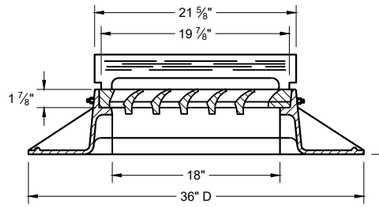


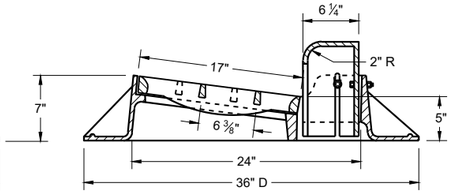
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





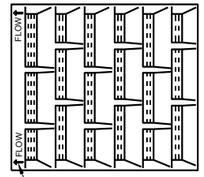
TYPE "A"

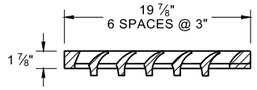
GENERAL NOTES

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

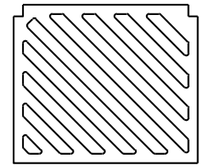
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

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





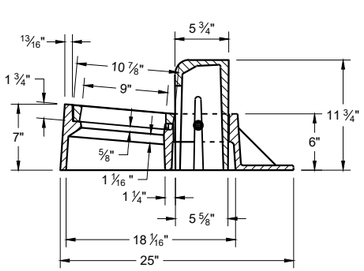
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



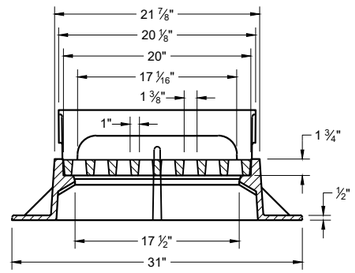
SPECIAL GRATE FOR TYPE "A" COVER

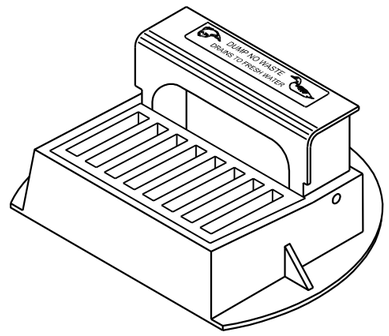
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





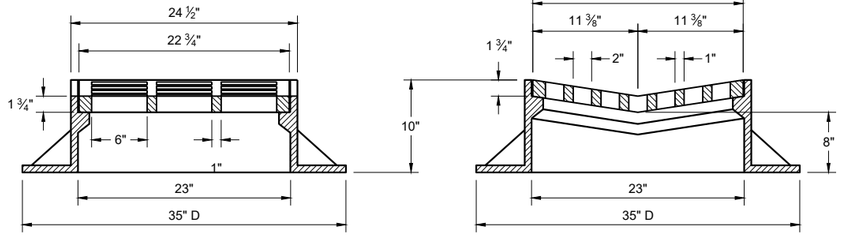
INLET COVERS
TYPES A, H, A-S, H-S AND Z

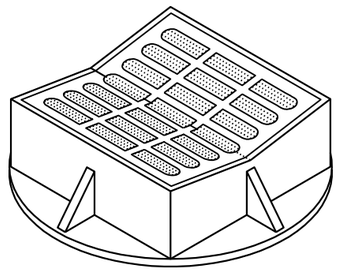
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

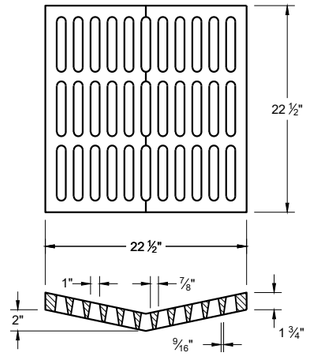
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA





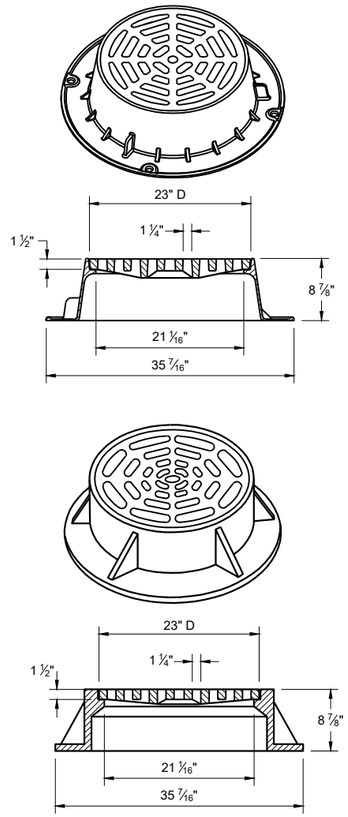
TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE

NOTED AS TYPE B - A ON THE DRAINAGE TABLE



TYPE "C"

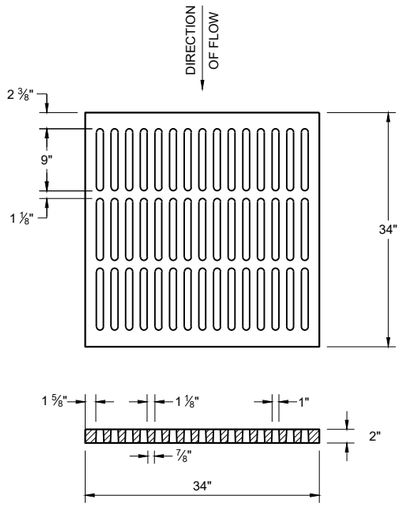
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

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

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

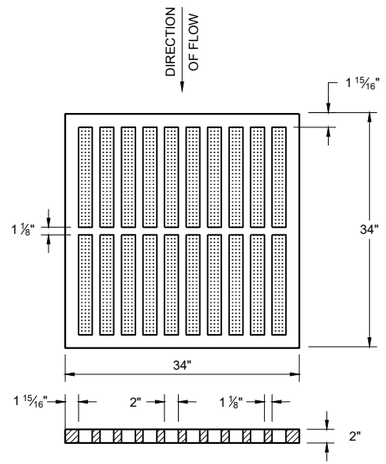
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS PERMITTED

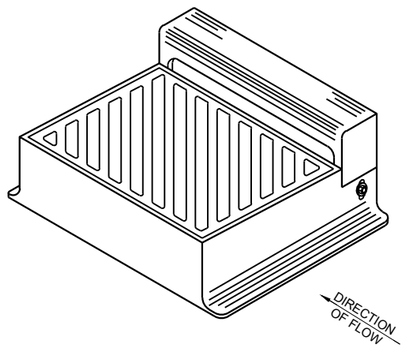
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE



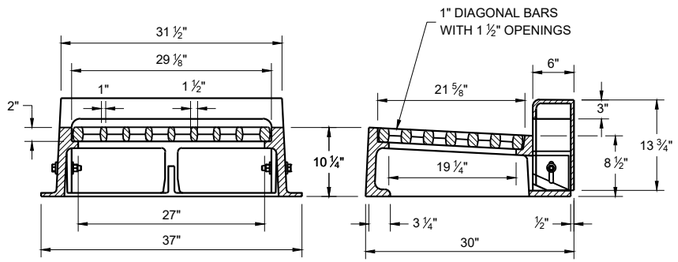
TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS

NOTED AS TYPE MS ON THE DRAINAGE TABLE



DIAGONAL SLOTS SHALL BE ORIENTEDTO THE DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.



TYPE "WM"

NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

INLET COVERS TYPES B, B-A, C, MS, MS-A AND WM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

6

SDD 08A05-21b

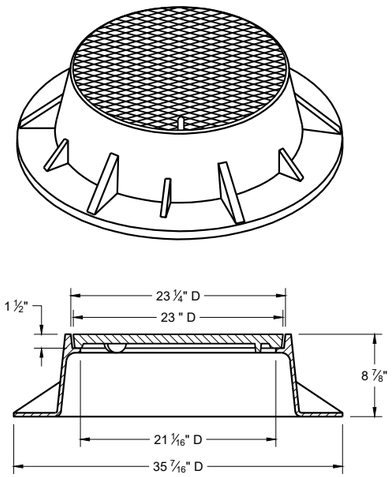
SDD 08A05-21b

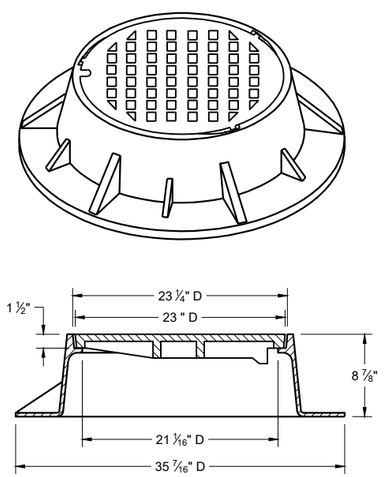
GENERAL NOTES

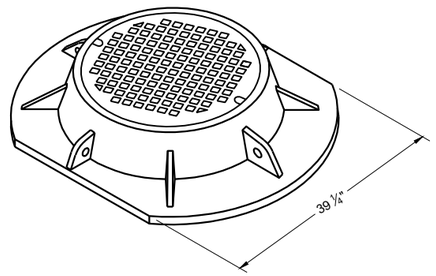
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

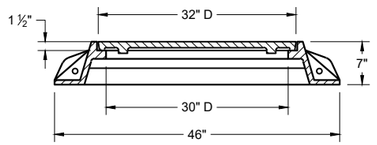
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

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

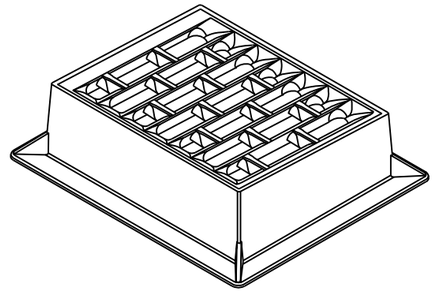


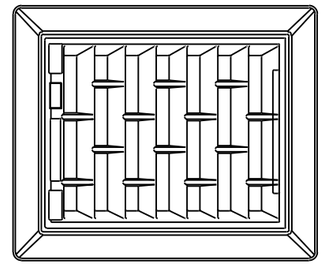


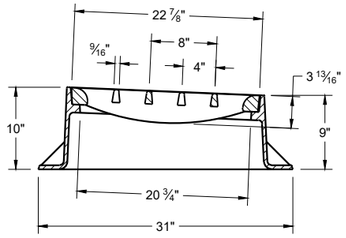


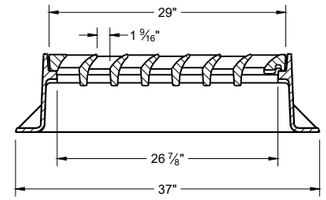


TYPE "K"

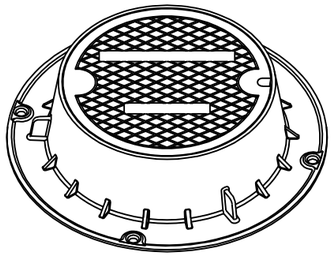


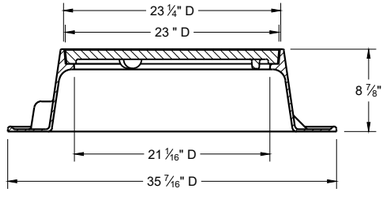






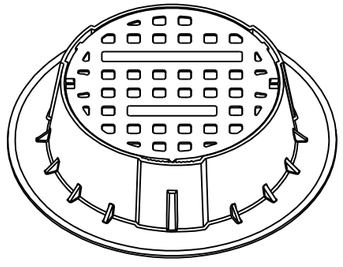
INLET COVER TYPE "BW"

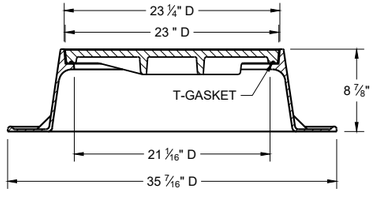




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

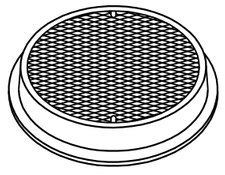


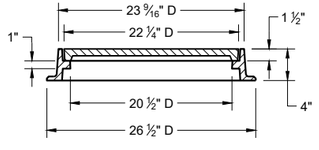


TYPE "J" SPECIAL

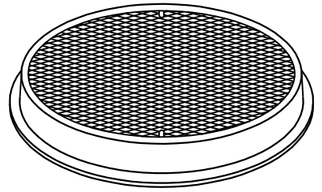
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

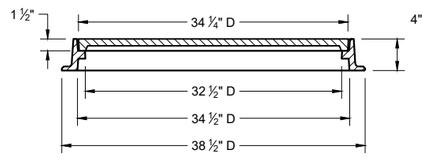
NOTE: EITHER CASTING IS ACCEPTABLE





TYPE "L"





TYPE "M"

INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

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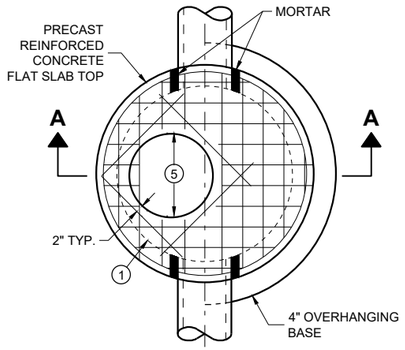
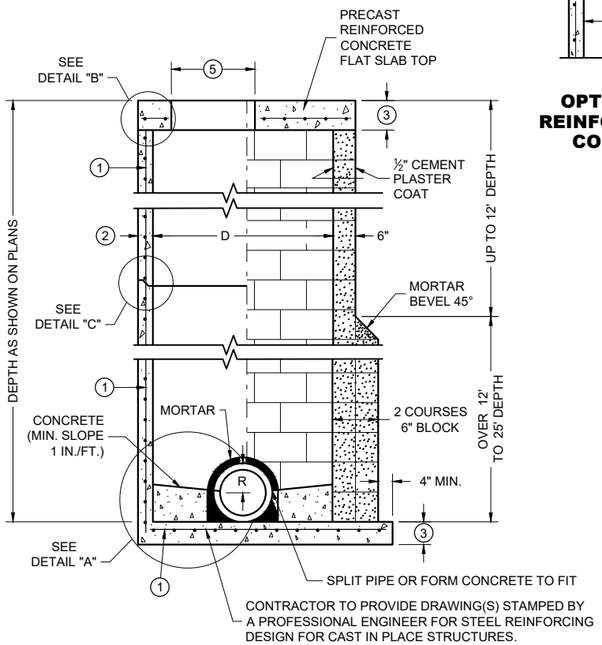


PLAN VIEW

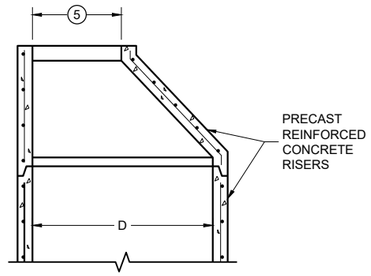
CIRCULAR OPENING



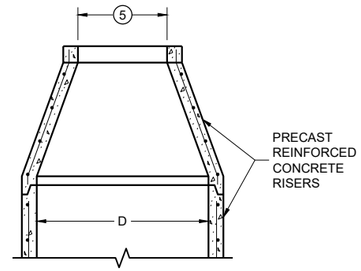
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

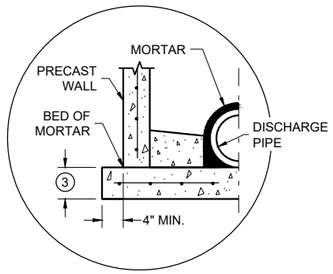
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



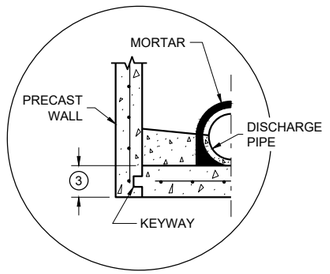
OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

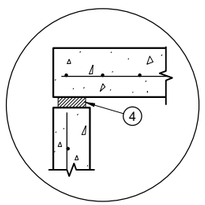


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

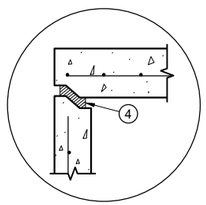


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

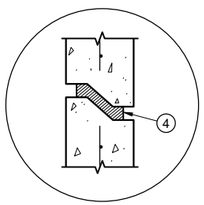
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION 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.

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

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

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

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

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

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

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

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

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

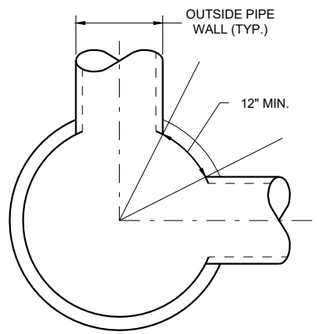
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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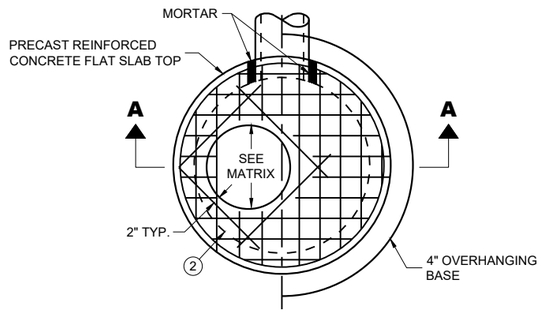
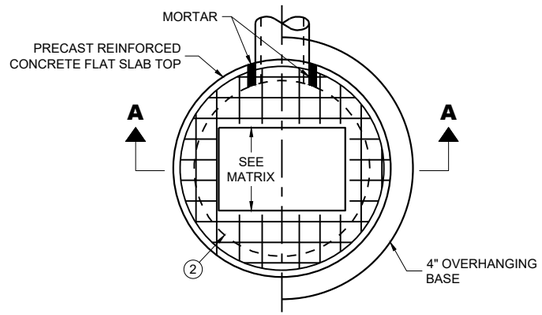
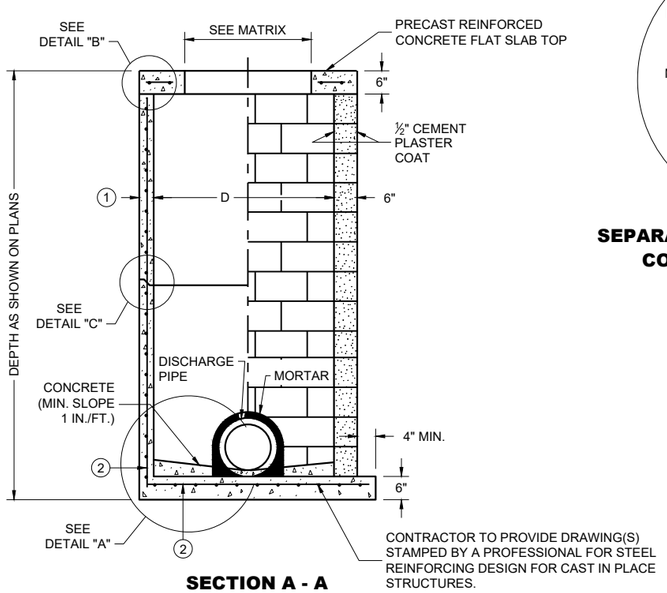


PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

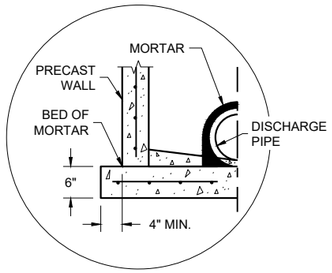
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

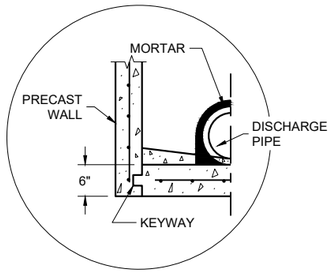
INLET SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
	OPENING SIZE (FT.)											
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

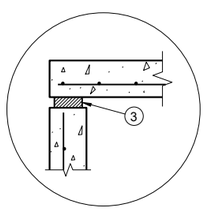


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

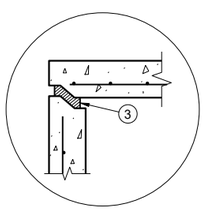


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

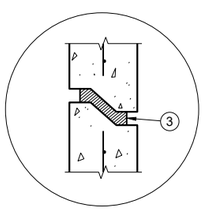
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

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.

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

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

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

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

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

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

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

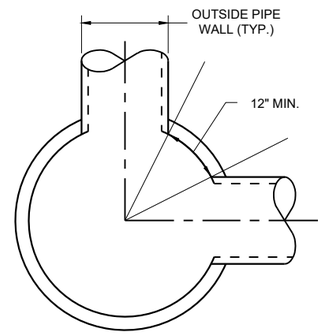
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

(1) MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT DIAMETER AND 5 INCHES FOR 4-FT DIAMTER PRECAST INLETS.

(2) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(3) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

INLETS 3-FT AND 4-FT DIAMETER

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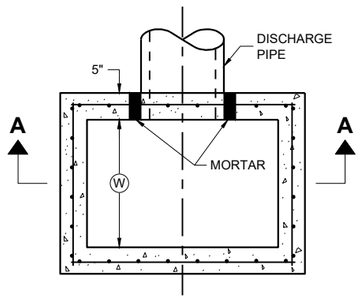
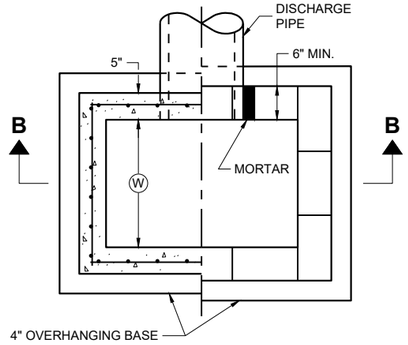
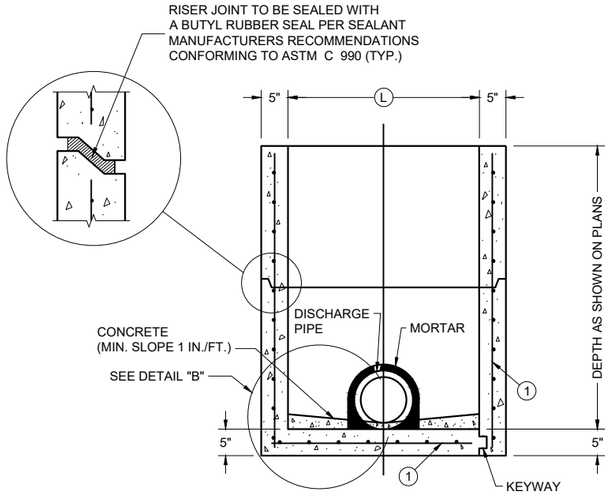


PLAN VIEW



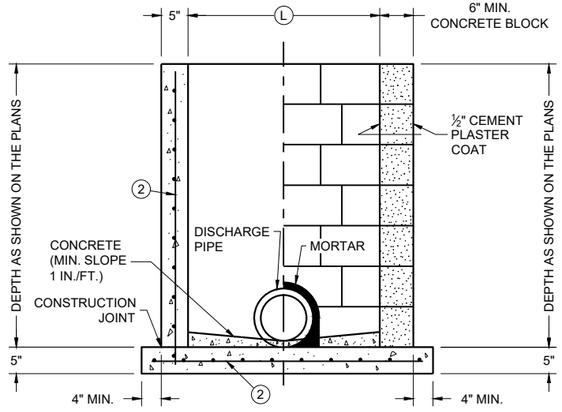
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

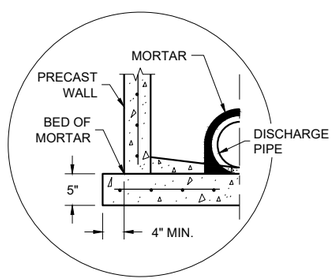
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

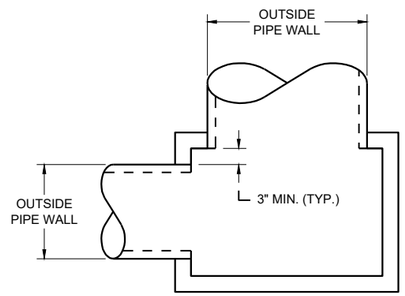
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

CATCH BASIN COVER MATRIX

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

PIPE MATRIX

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

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

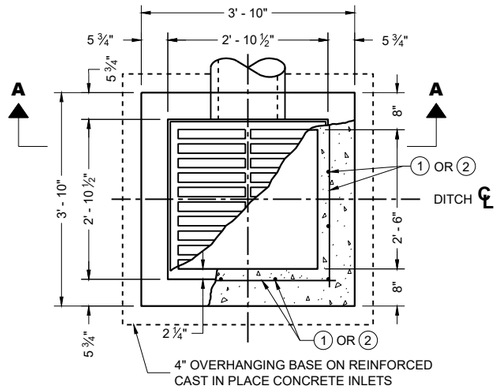
INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

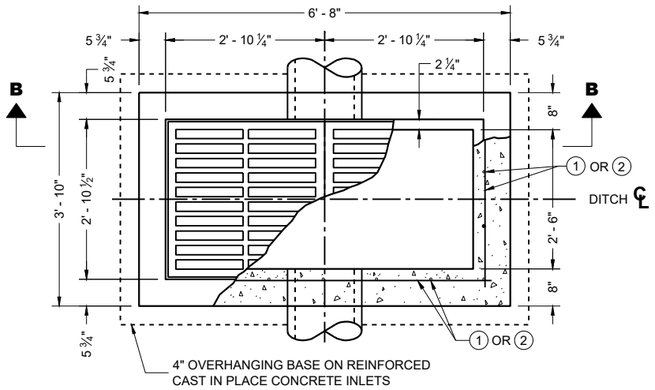
APPROVED
December 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

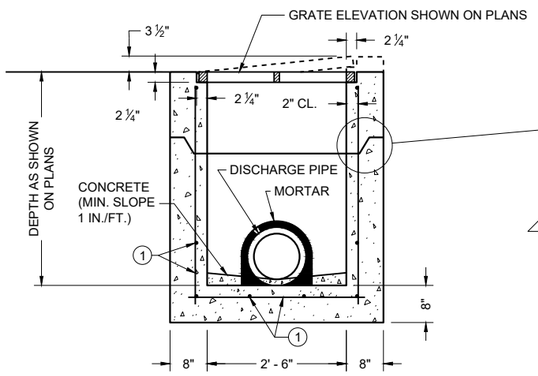
6
SDD 08C07-03



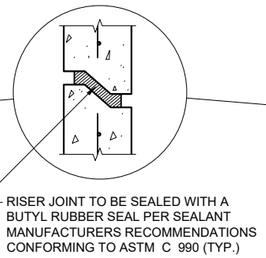
PLAN VIEW

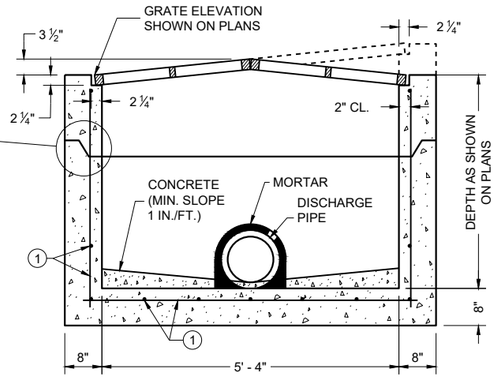


PLAN VIEW

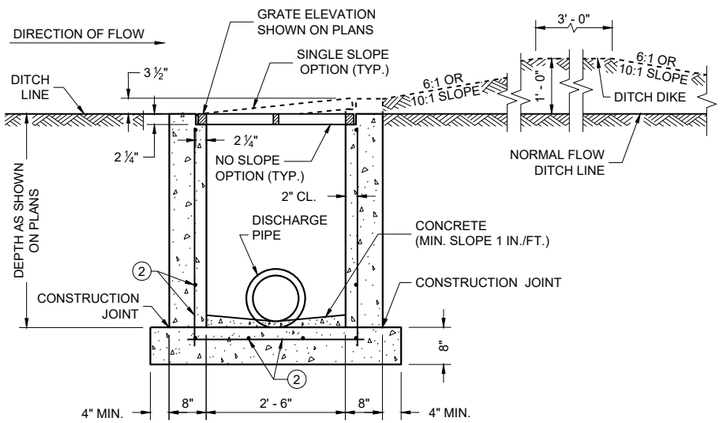


PRECAST REINFORCED CONCRETE SECTION A - A



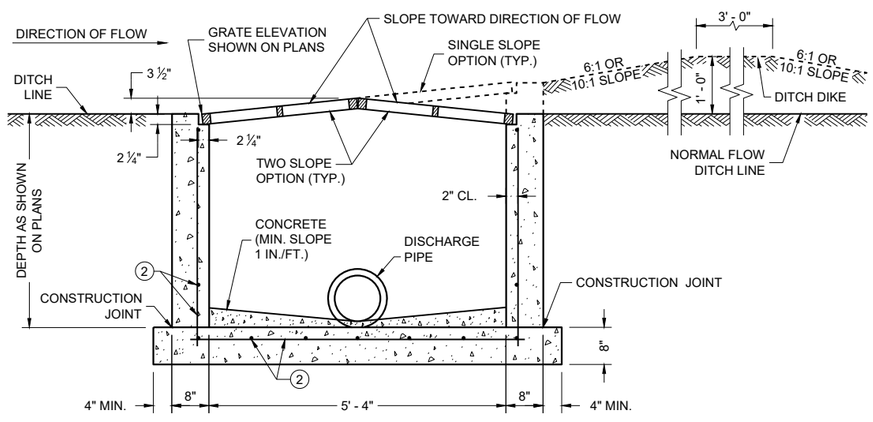


PRECAST REINFORCED CONCRETE SECTION B - B



REINFORCED CAST IN PLACE CONCRETE SECTION A - A

INLETS MEDIAN 1 GRATE



REINFORCED CAST IN PLACE CONCRETE SECTION B - B

INLETS MEDIAN 2 GRATE

GENERAL NOTES

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

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

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

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

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

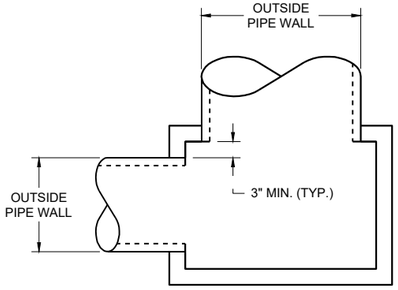
ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

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

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

(1) FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

(2) CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.



DETAIL "A"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42

INLETS
MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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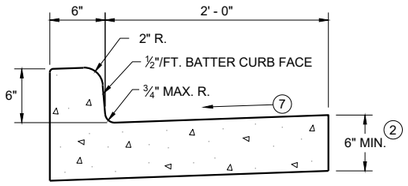
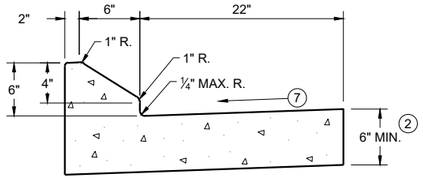
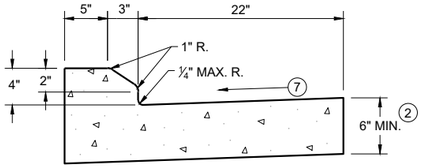
SDD 08C08-03



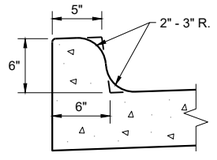
TYPES A (1) & D



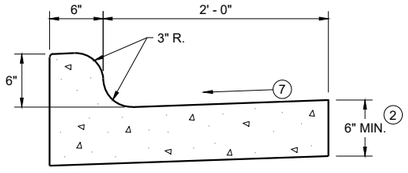
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

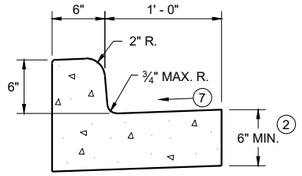


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



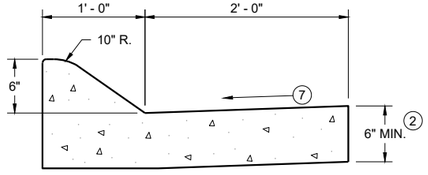
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

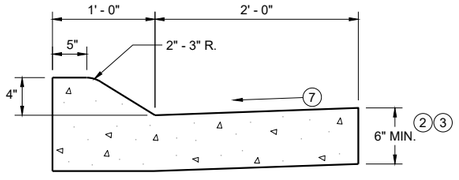


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

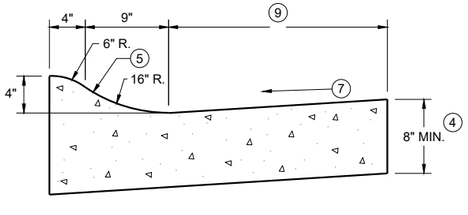


6" SLOPED CURB TYPES A (1) & D



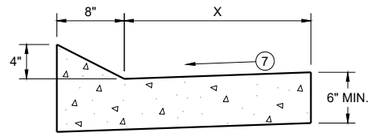
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

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

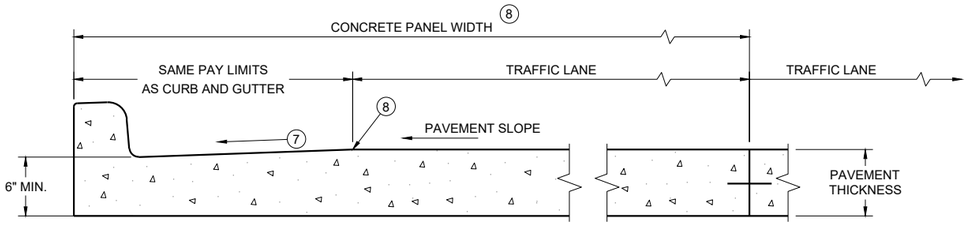


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

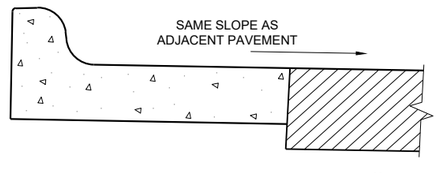
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



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

GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

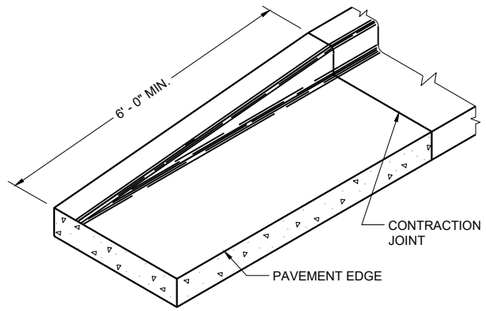
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

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

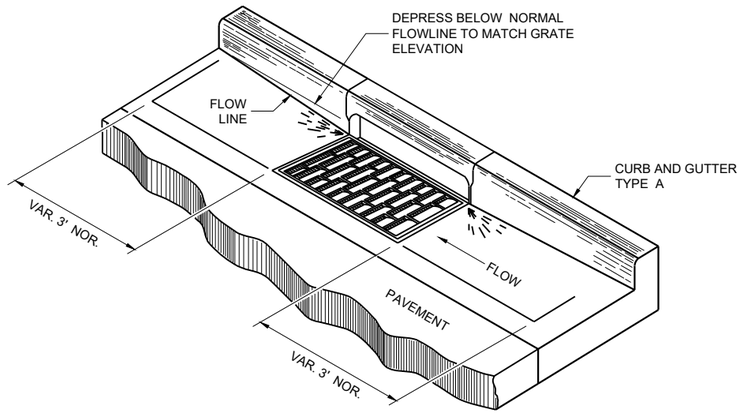
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

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

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

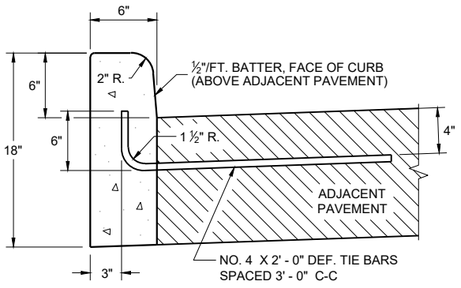
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

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

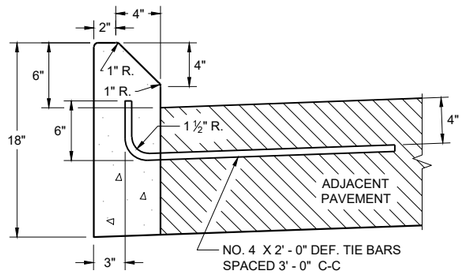
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

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

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

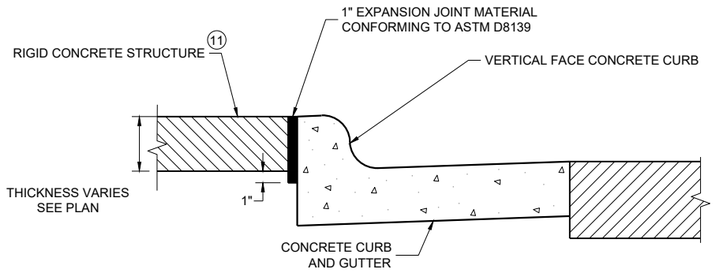


TYPES A (1) & D

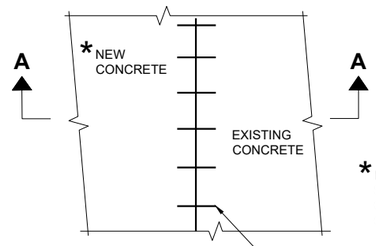


TYPES G (1) & J

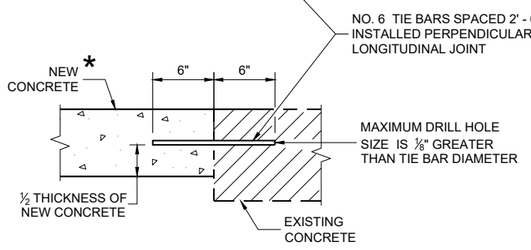
CONCRETE CURB



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

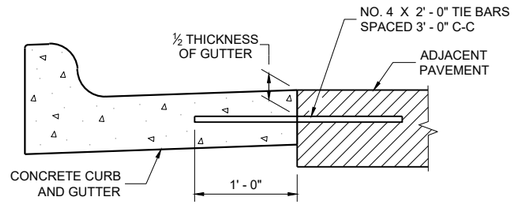


PLAN VIEW

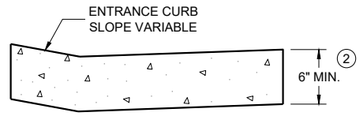


SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

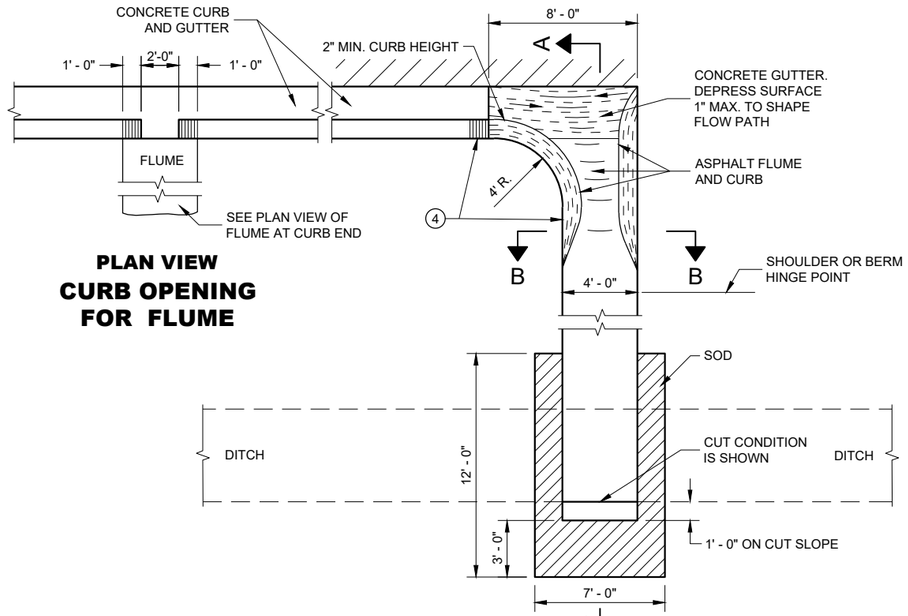
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

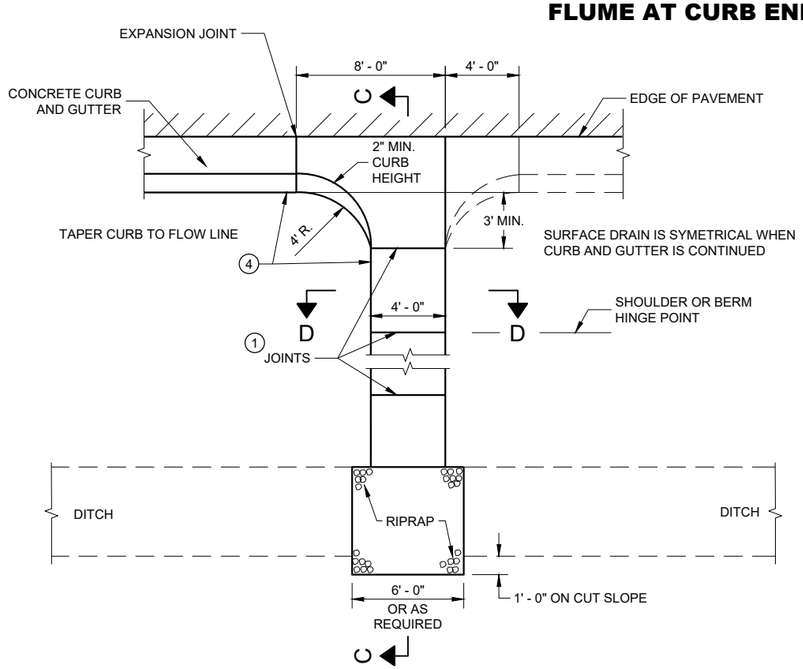
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



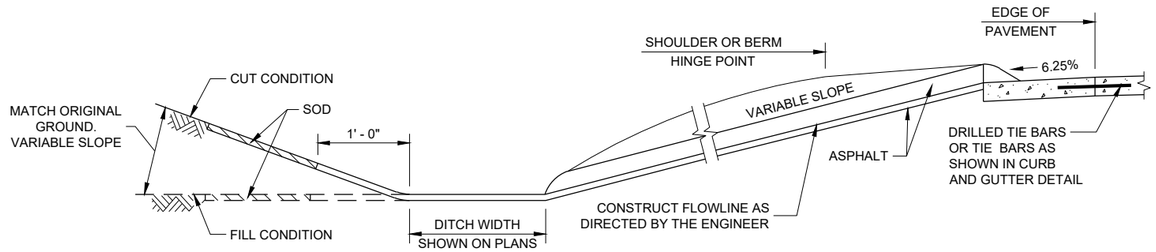
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

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

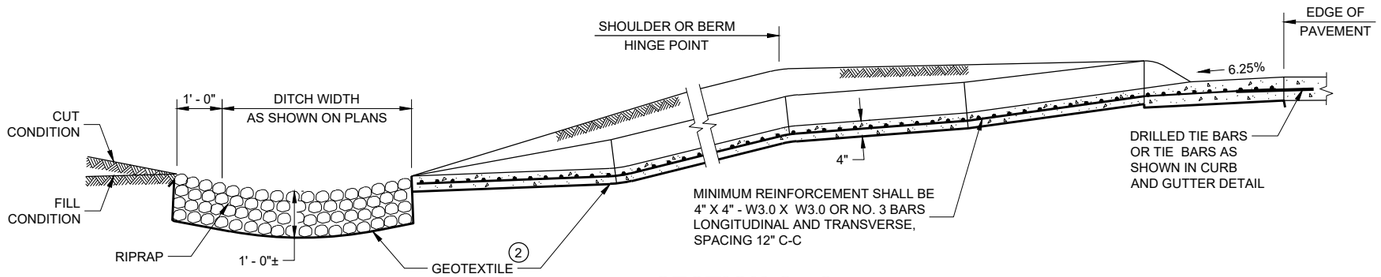
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

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

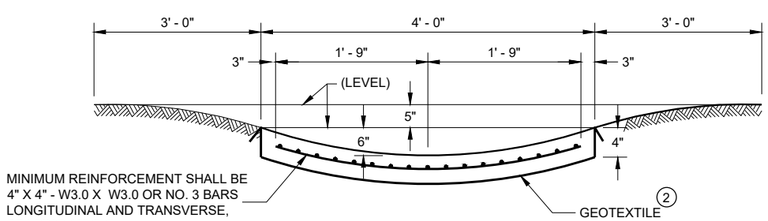


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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SDD 08D04 - 07

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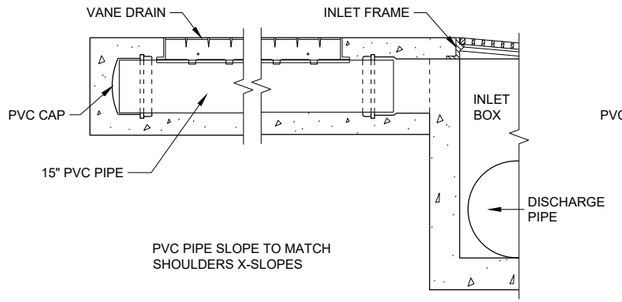
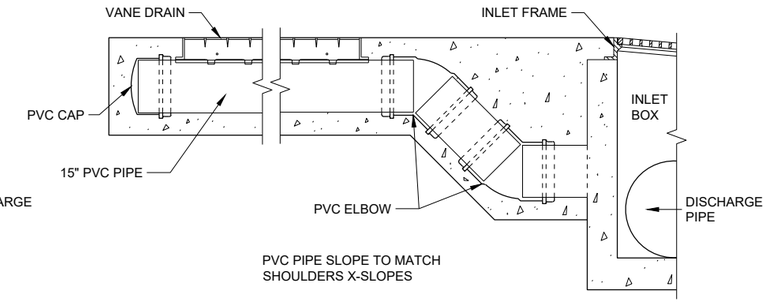
SDD 08D04 - 07





TYPICAL SLOTTED VANE DRAIN CONFIGURATIONS

GENERAL NOTES

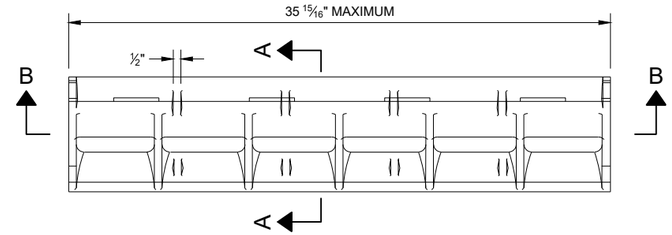
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

ENCASEMENT: FURNISH GRADE A CONCRETE CONFORMING TO STANDARD SPECIFICATION 501 AS MODIFIED IN STANDARD SPECIFICATION 716. PROVIDE QMP FOR CLASS III ANCILLARY CONCRETE PER STANDARD SPECIFICATION 716. ULITLIZING HIGH EARLY STRENGTH (HES) CONCRETE CONFORMING TO STANDARD SPECIFICATION 710.4(5) IS ALLOWED AND MAY BE REQUIRED BY THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE PIPE USED SHALL BE A 15" DIAMETER SDR-35 POLYVINYL CHLORIDE SEWER PIPE. THE PIPE SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN STANDARD SPECIFICATION 612.2.6

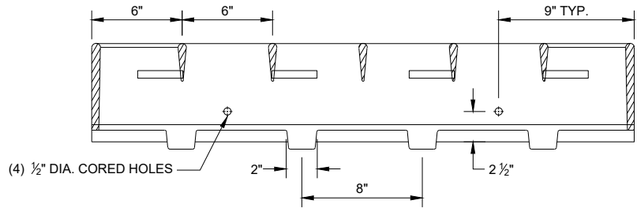
SURFACE DRAIN: BEFORE PAVING OVER THE DRAIN, COVER THE TOP OF THE DRAIN TO KEEP MATERIAL OUT OF THE PIPE. THE FINISHED GRADE SHOULD BE FLUSH WITH THE TOP OF THE DRAIN.

THE ANGLE OF THE DRAIN TO THE FLOW OF WATER SHOULD BE AS CLOSE TO 90° AS POSSIBLE.

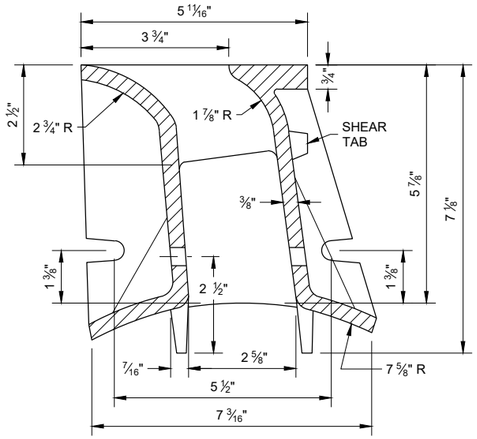


SLOTTED VANE DRAIN DETAIL

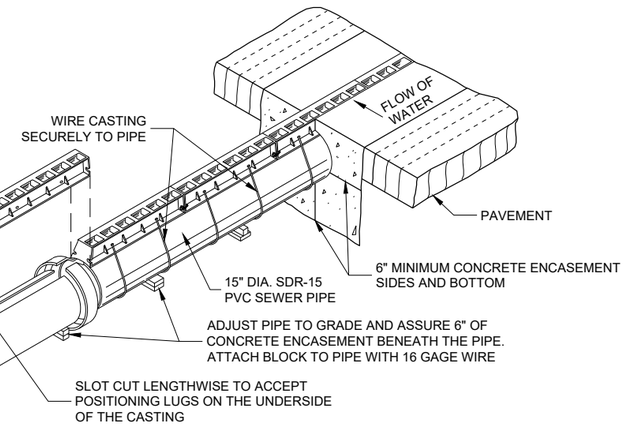
(APPROXIMATE WEIGHT 87 LBS.)



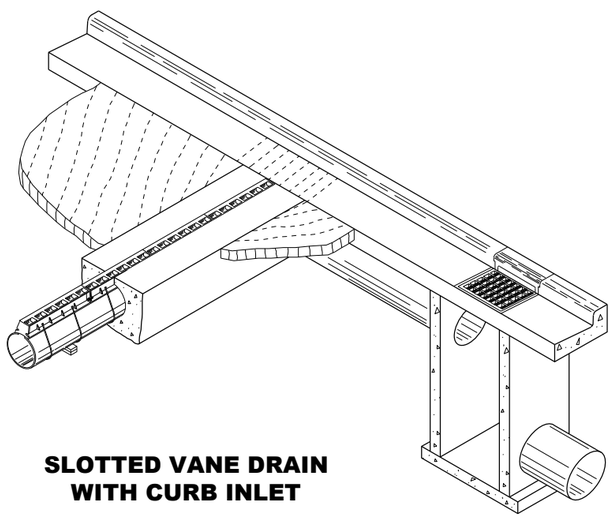
SECTION B - B



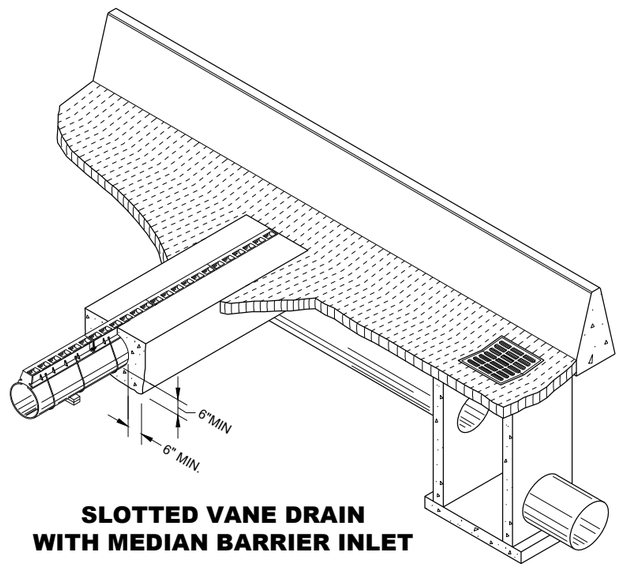
SECTION A - A



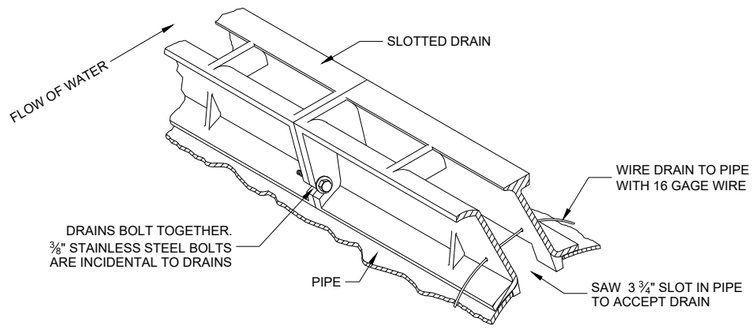
INSTALLATION OF SLOTTED VANE DRAIN



SLOTTED VANE DRAIN WITH CURB INLET



SLOTTED VANE DRAIN WITH MEDIAN BARRIER INLET



ISOMETRIC VIEW

SLOTTED VANE DRAIN DETAIL

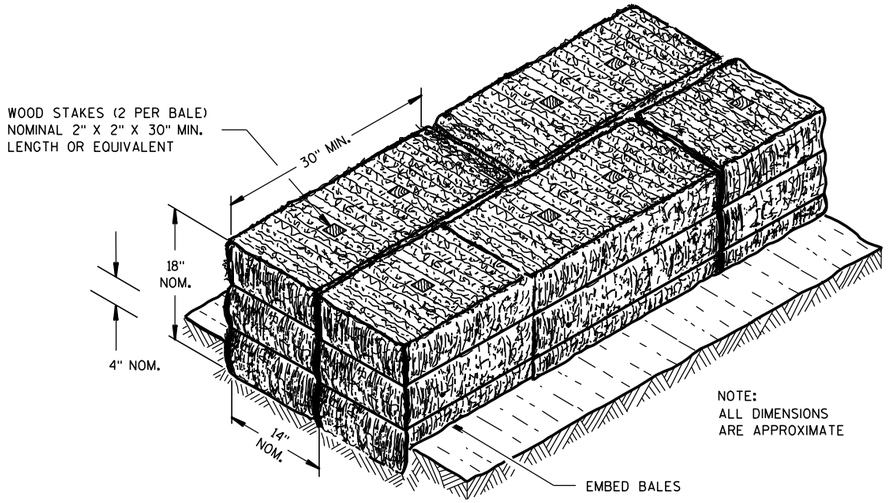
SLOTTED VANE DRAIN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

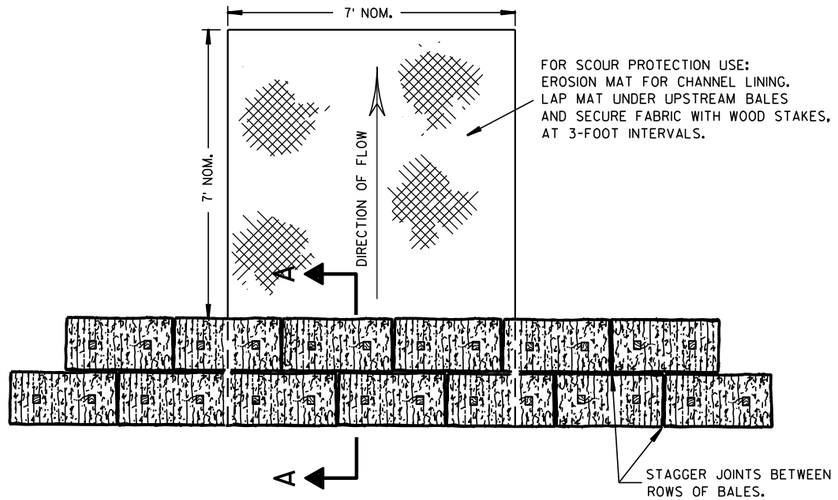
APPROVED
May 2022 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

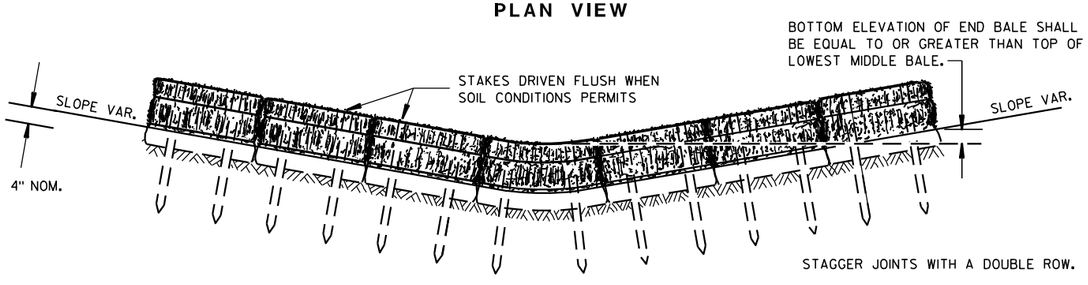
SDD 08D14 - 02



SECTION A-A



PLAN VIEW



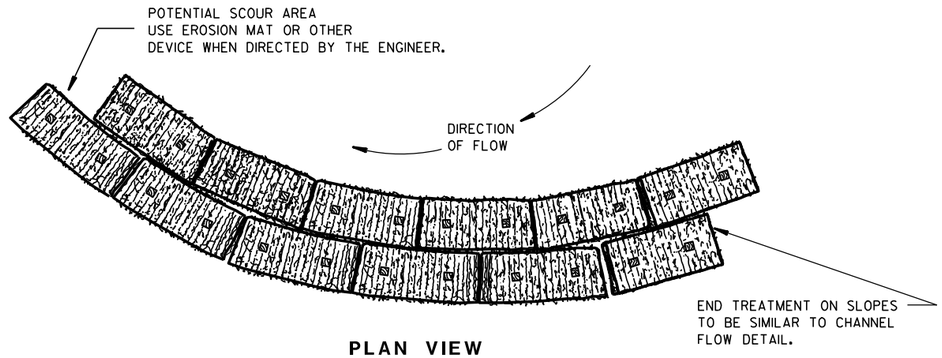
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES ①

GENERAL NOTES

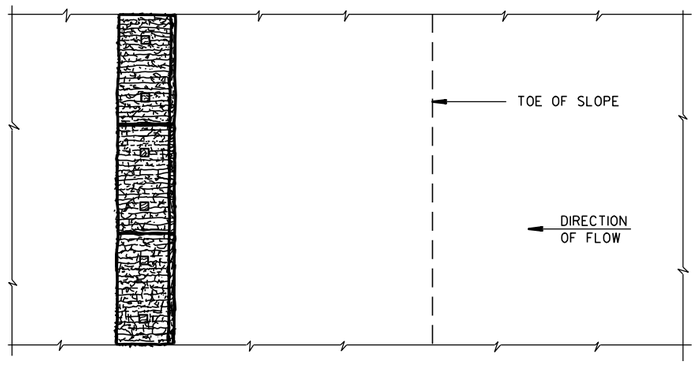
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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

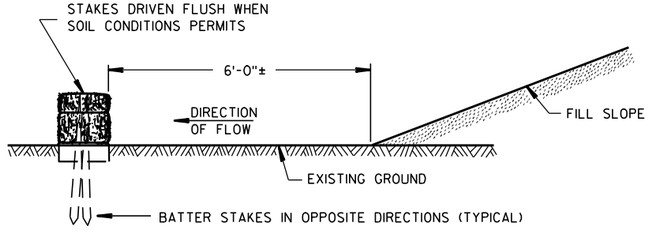


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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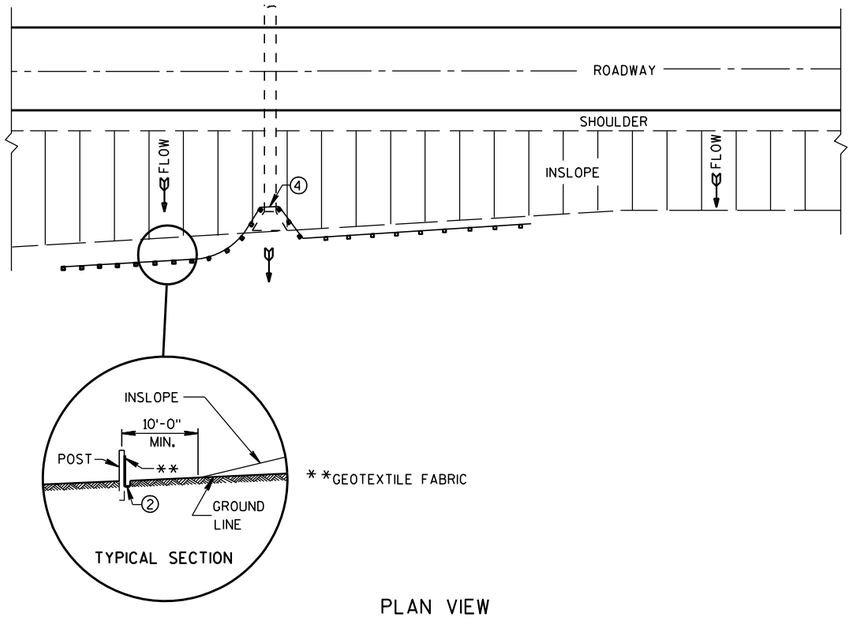
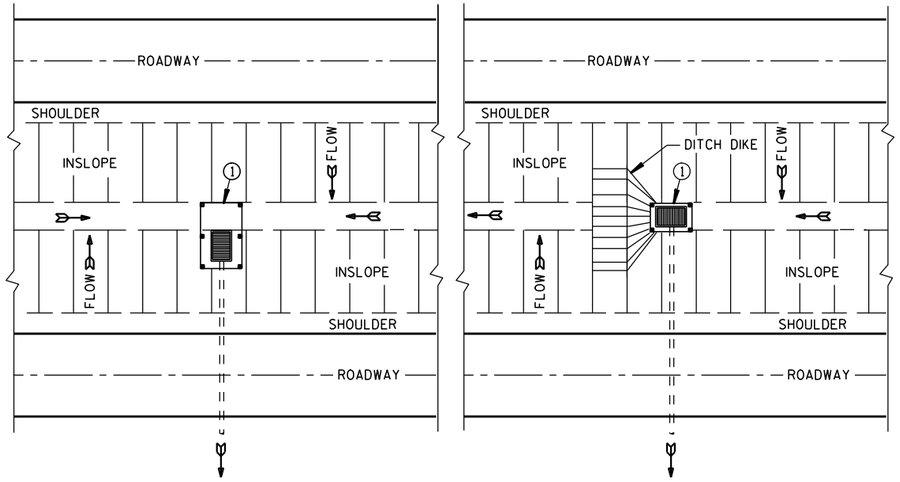


PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

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

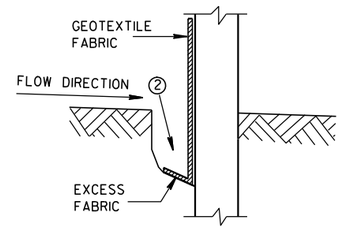
① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

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

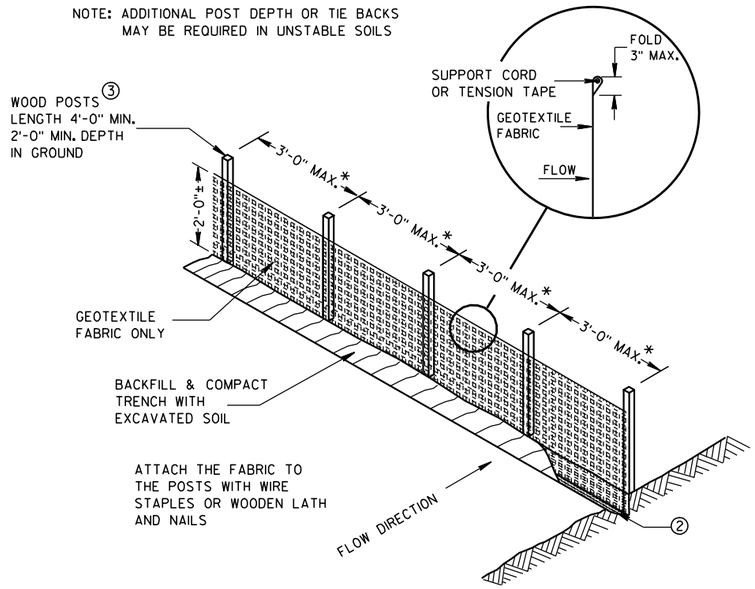
③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

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

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

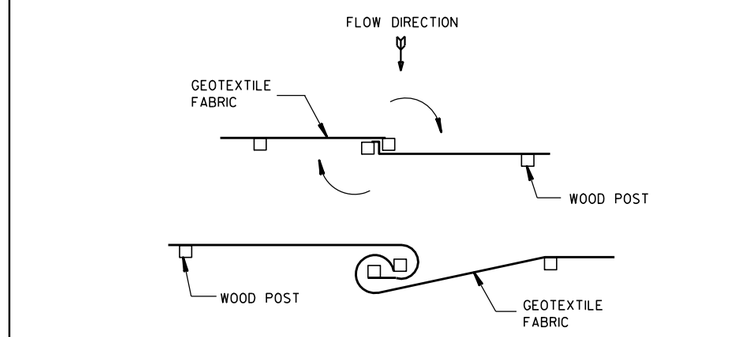


TRENCH DETAIL

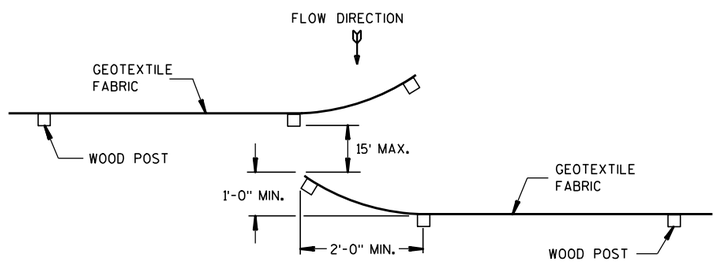


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

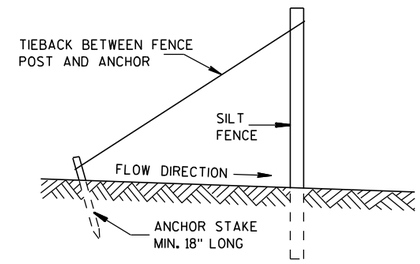


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE ⑤



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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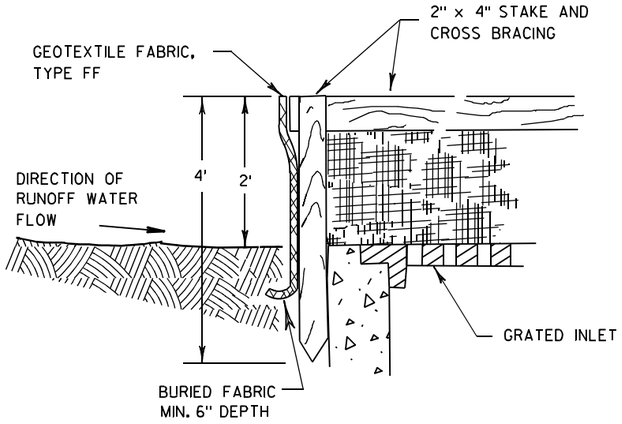
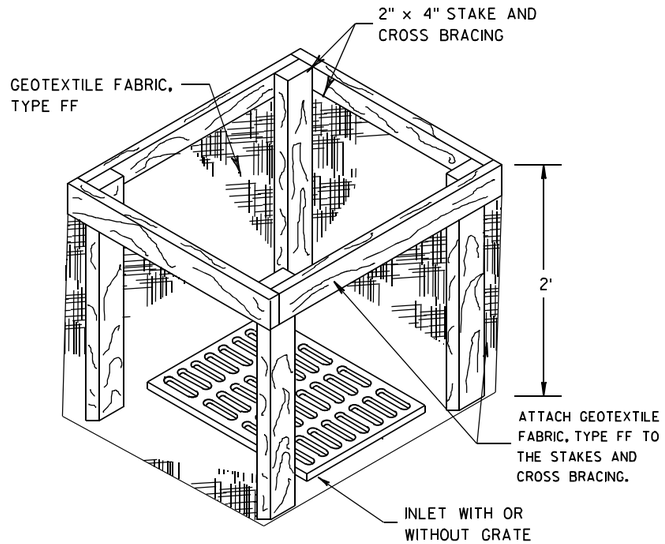
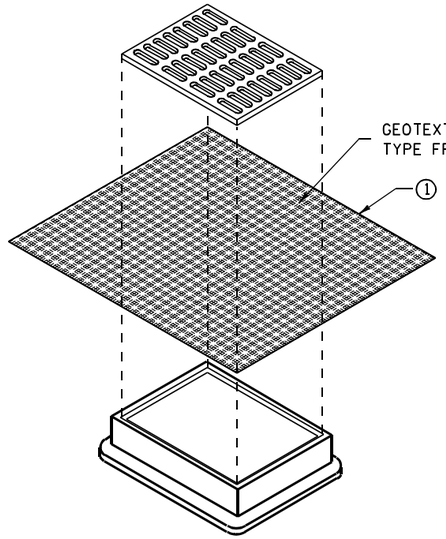
S.D.D. 8 E 9-6



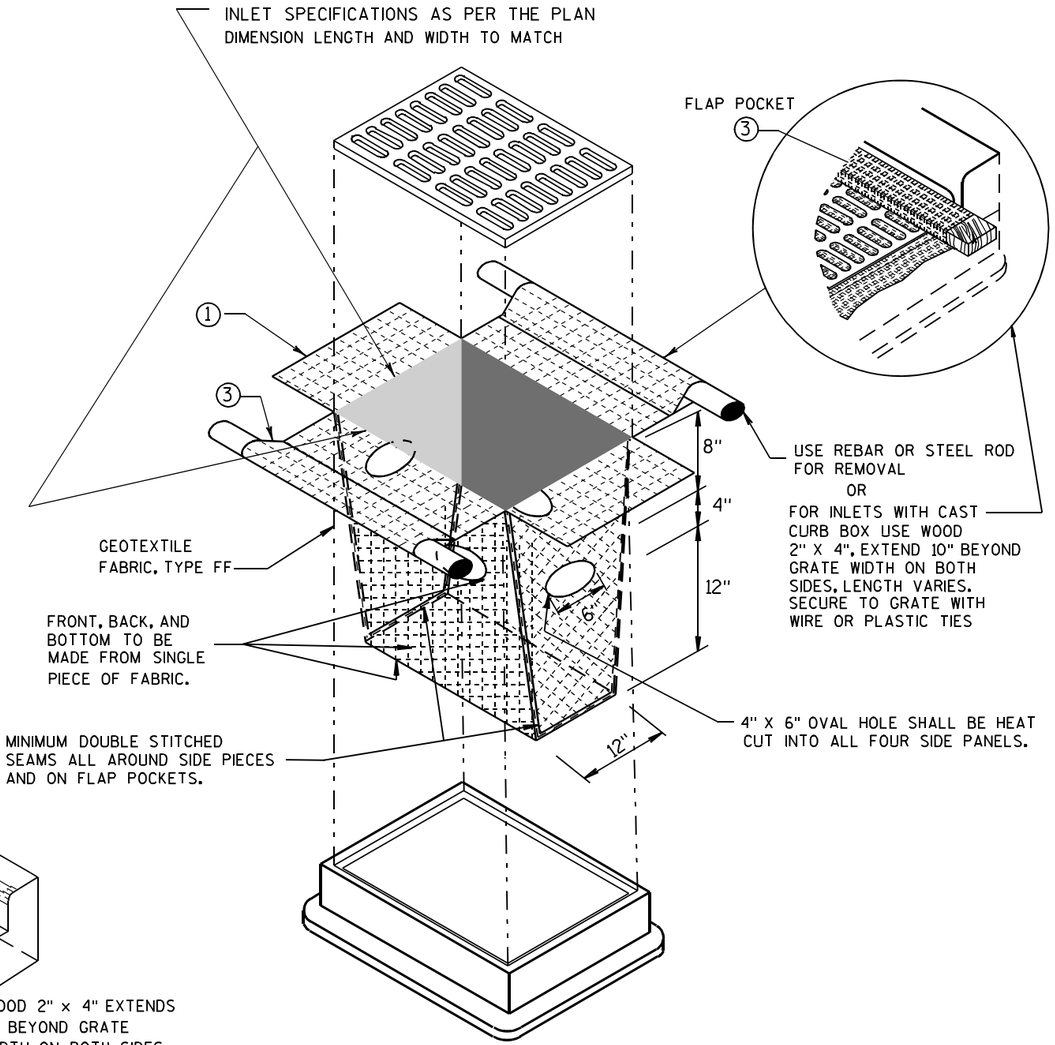


INLET PROTECTION, TYPE A



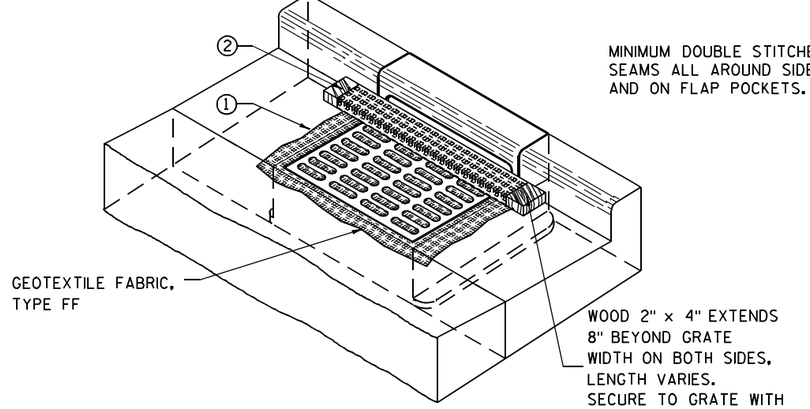
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE D

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



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

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

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

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

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

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

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

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

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

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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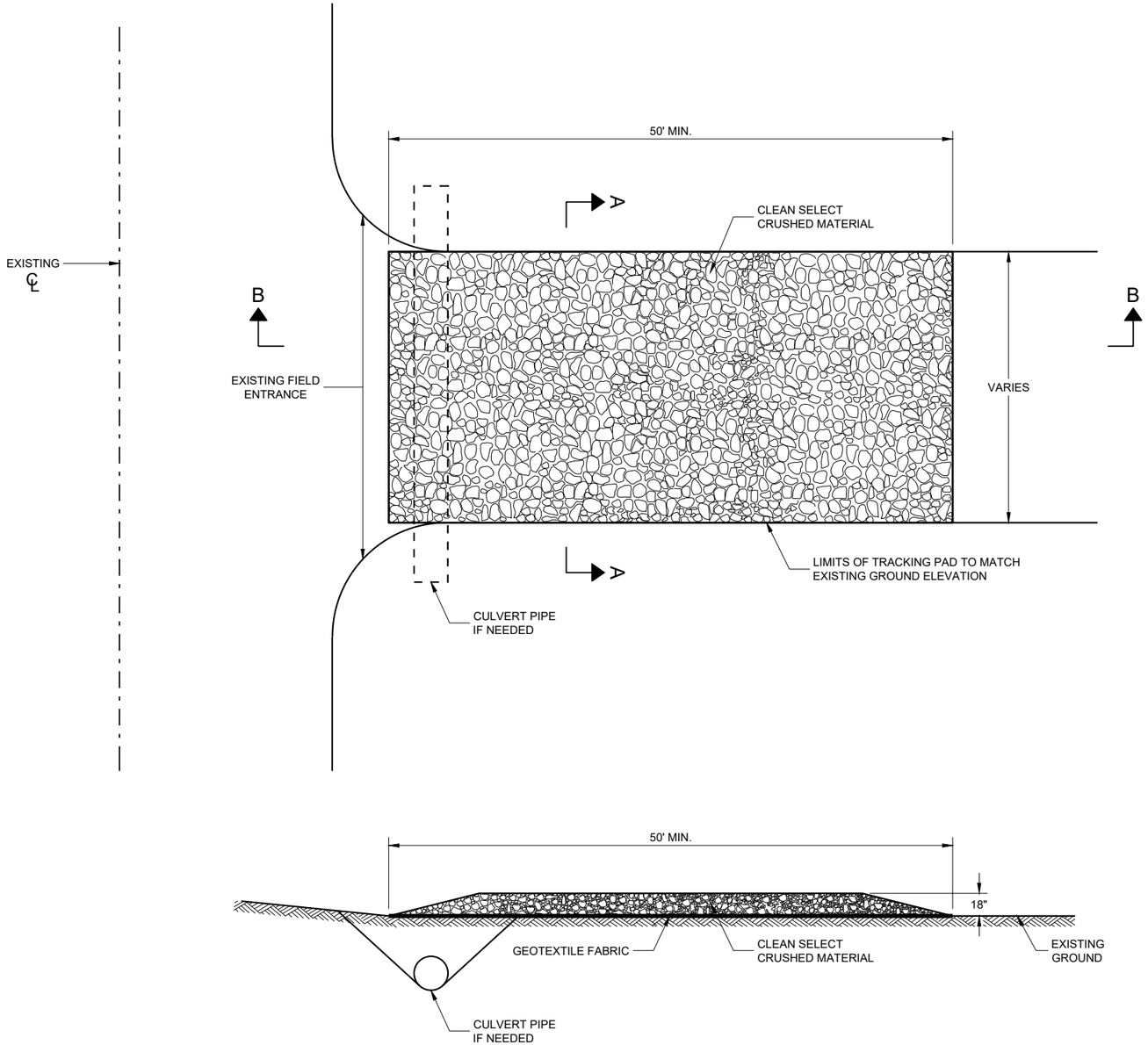
S.D.D. 8 E 10-2



SECTION B - B

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.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

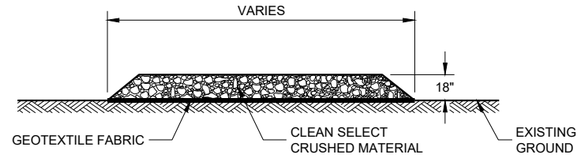
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

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SDD 08E14 - 01

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/24/2011
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

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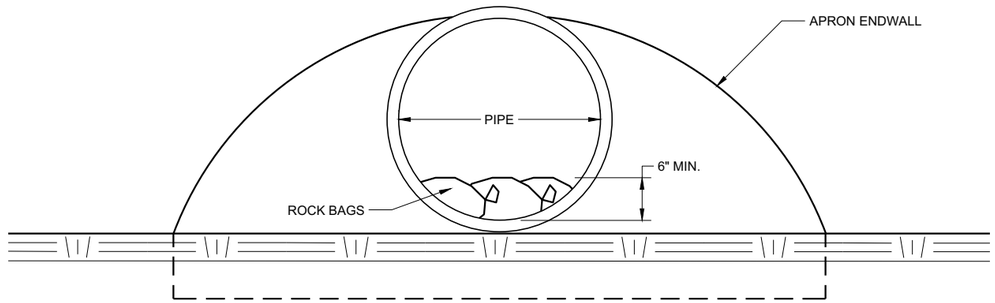
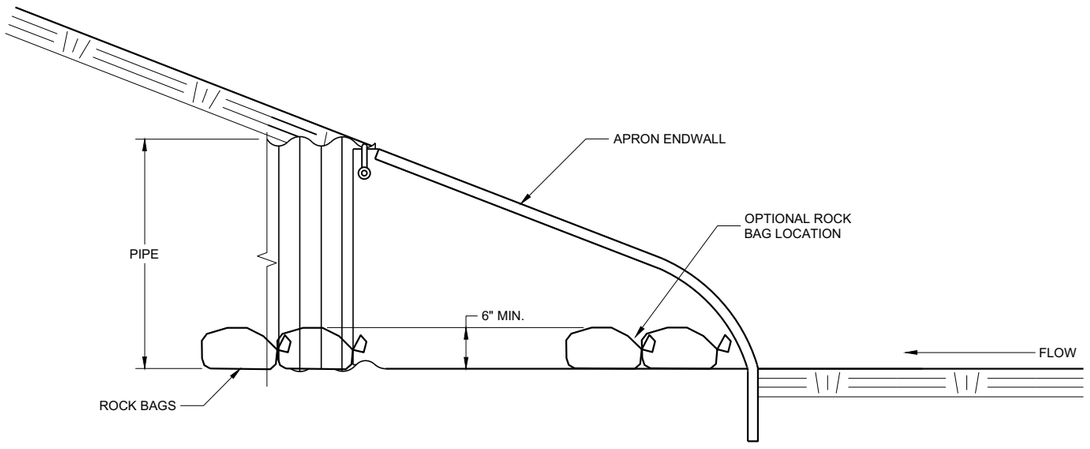


END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI
FHWA	

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SDD 08E15 - 01

METAL APRON ENDWALLS

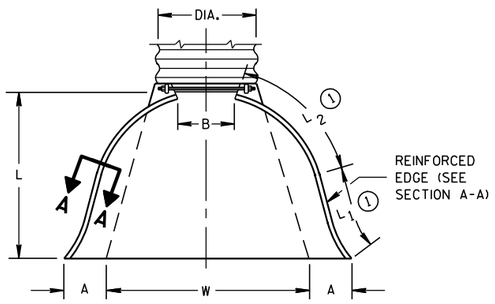
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4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

× EXCEPT CENTER PANEL SEE GENERAL NOTES

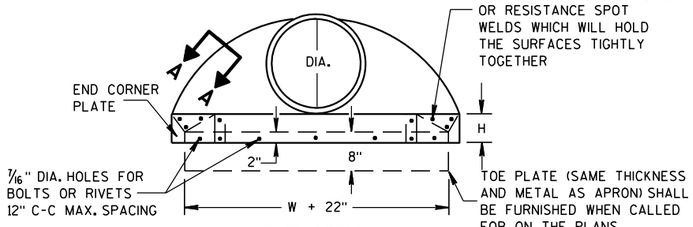
REINFORCED CONCRETE APRON ENDWALLS

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

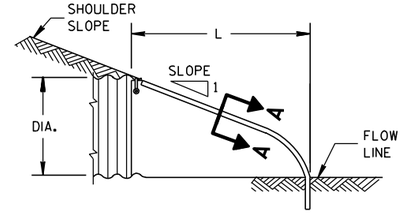
*MINIMUM
**MAXIMUM



PLAN VIEW

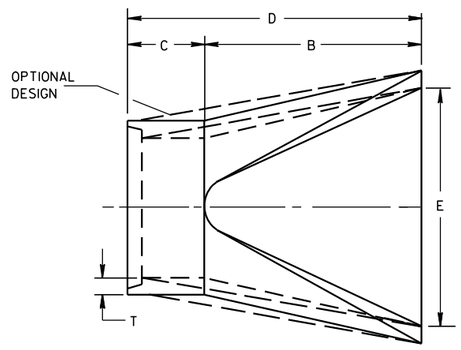


END VIEW

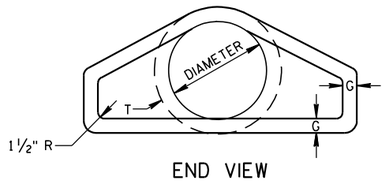


SIDE ELEVATION

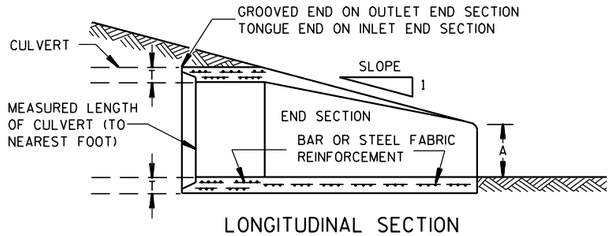
METAL ENDWALLS



PLAN

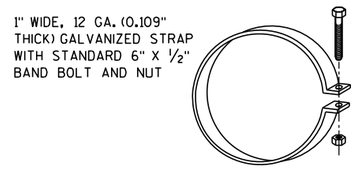


END VIEW



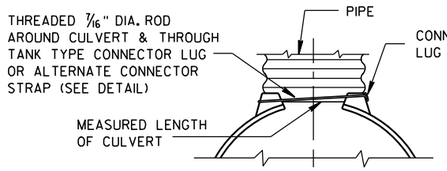
LONGITUDINAL SECTION

CONCRETE ENDWALLS

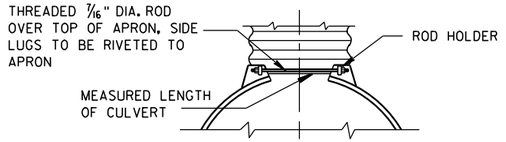


ALTERNATE FOR TYPE 1 CONNECTION

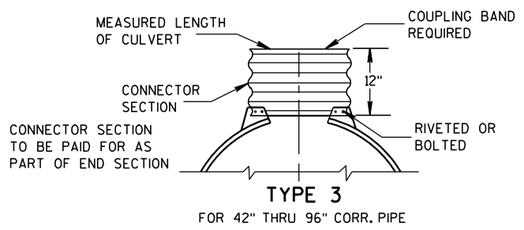
END SECTION CONNECTOR STRAP



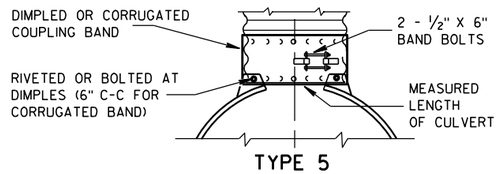
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

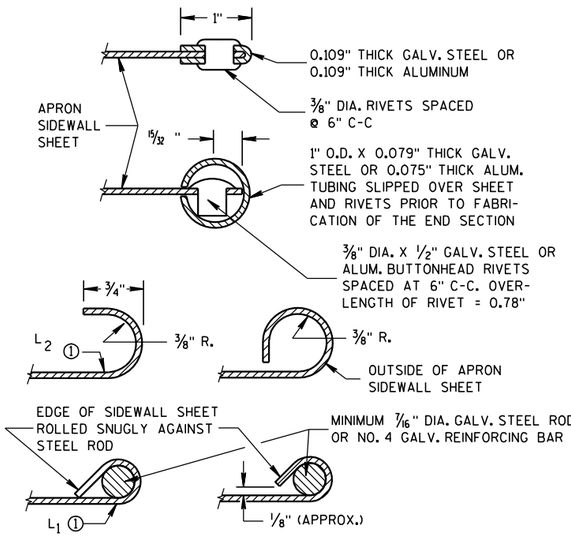
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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

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

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

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

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

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

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

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

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

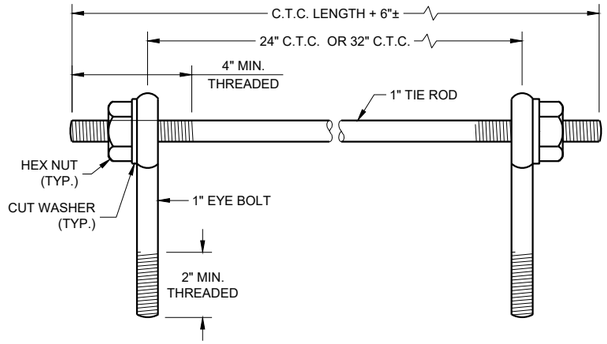
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

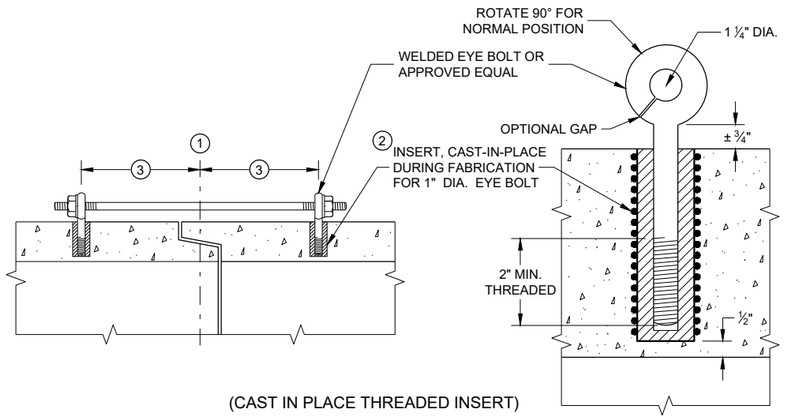
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

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

GENERAL NOTES

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

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

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

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

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

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

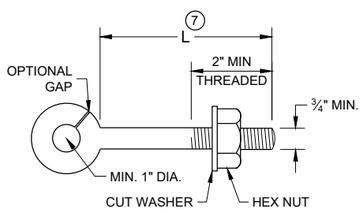
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

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

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

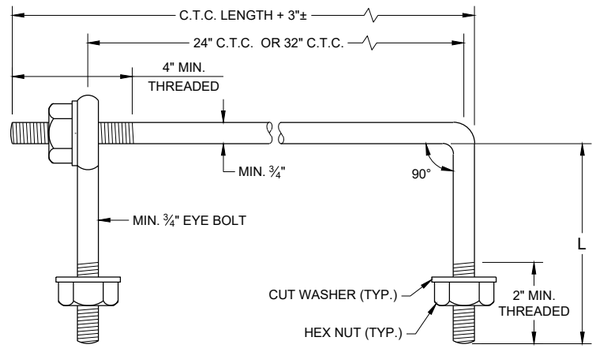
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

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

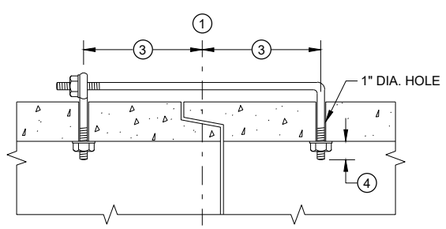


EYE BOLT (7)

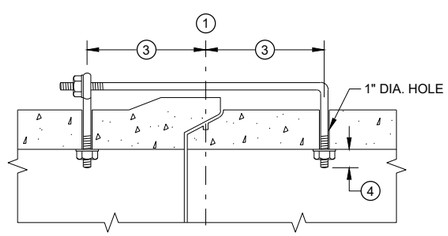
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

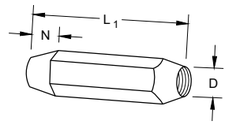
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

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

ADJUSTABLE TIE ROD TABLE

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

DIMENSIONS SHOWN ARE IN INCHES



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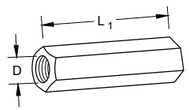
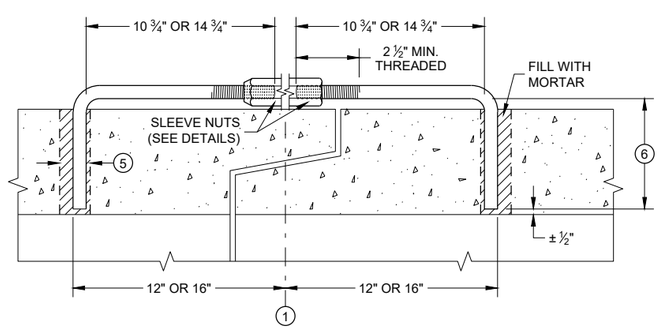


PLAIN

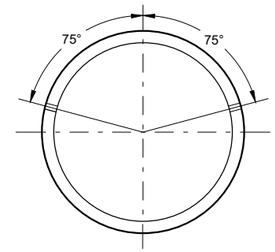
RIGHT AND LEFT THREADS

SLEEVE NUTS



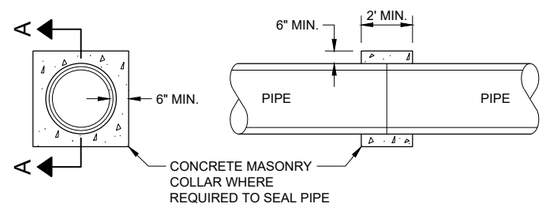
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



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

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

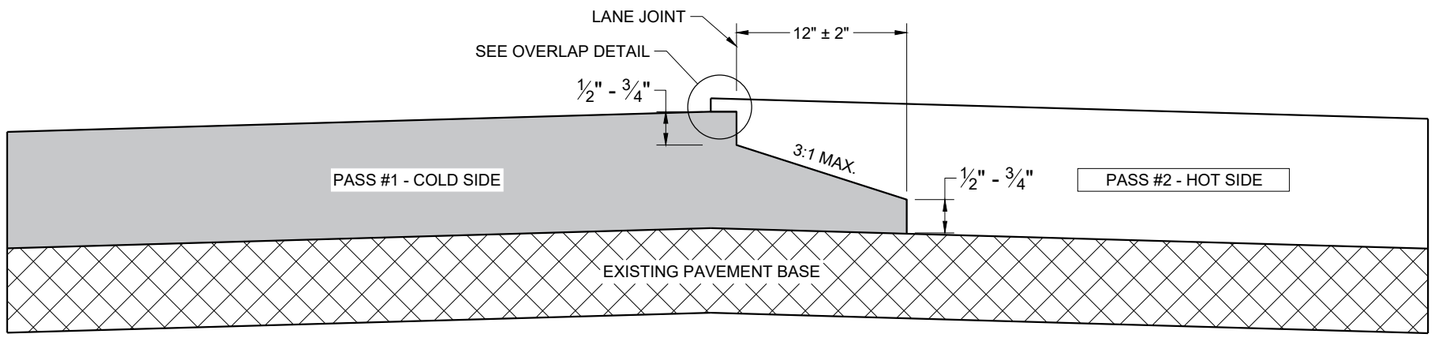
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

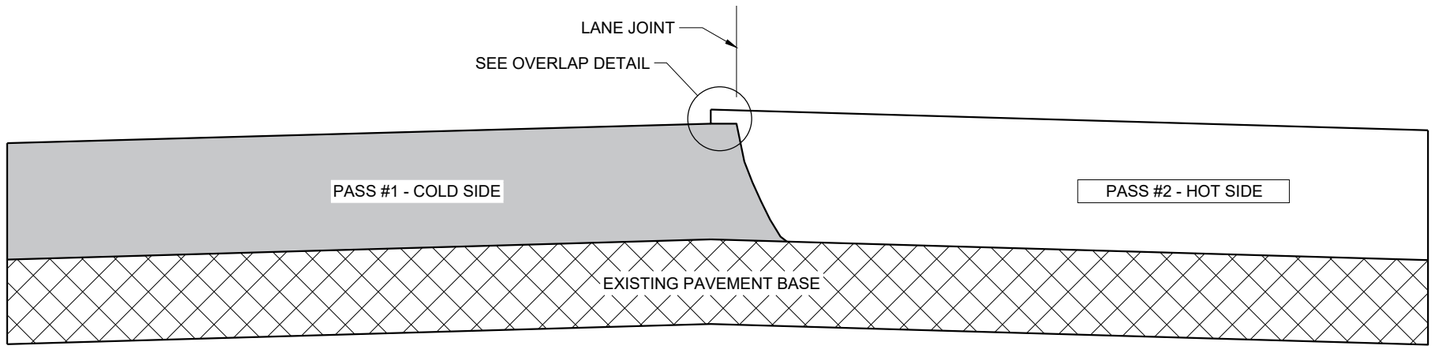
FHWA

SDD 08F04 - 08

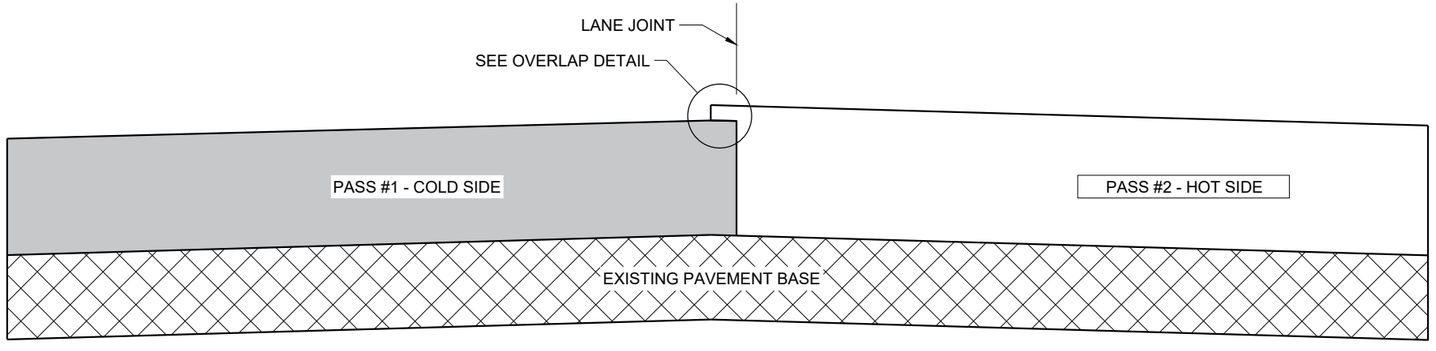
SDD 08F04 - 08



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

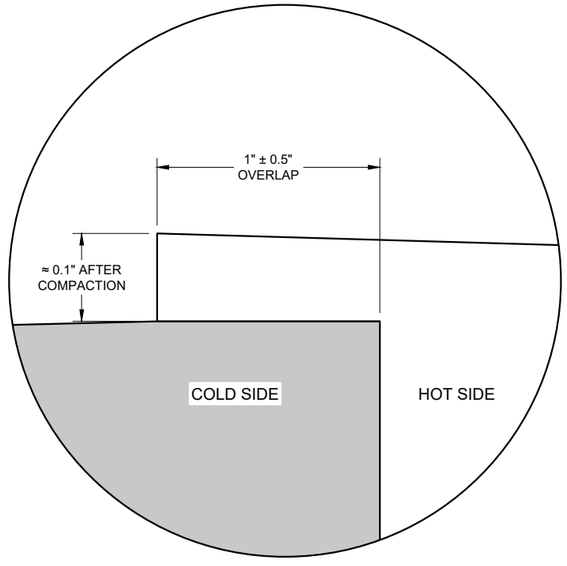
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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

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

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

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



OVERLAP DETAIL (TYPICAL)

6

6

SDD 13C19 - 03

SDD 13C19 - 03

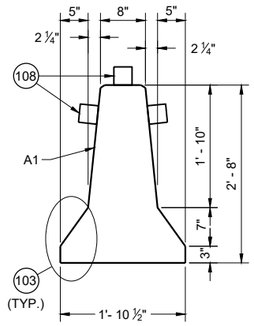
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

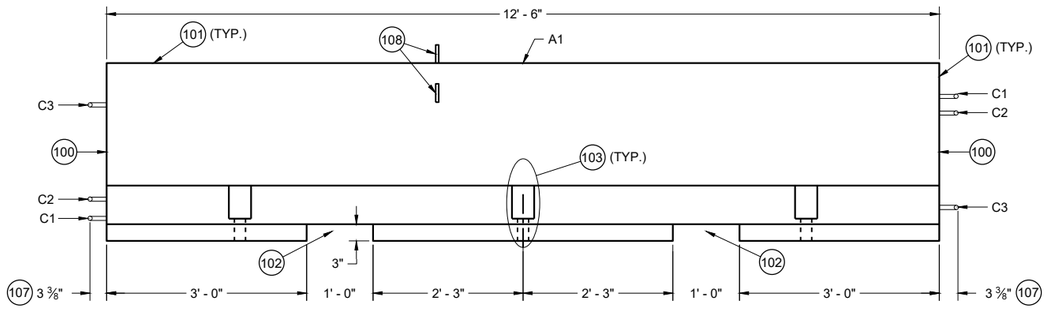
APPROVED
November 2020
DATE

/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



CROSS SECTION



PROFILE VIEW

GENERAL NOTES

PLACE BARRIER ON PAVED SURFACE. BEFORE PLACEMENT OF TEMPORARY BARRIER, REMOVE ALL LOOSE MATERIAL FROM PAVED SURFACE.

LOOP BARS C1, C2 AND C3 ARE NOT FOR PLACEMENT OR MOVEMENT OF BARRIER.

(100) PERMANENTLY FORM INTO ONE END OF BARRIER THE FOLLOWING INFORMATION:
- A. TYPE OF BARRIER: WI-CBTP
- B. MANUFACTURER
- C. DATE OF MANUFACTURE (MONTH AND YEAR)

(101) 1" OPTIONAL CHAMFER

(102) SEE LIFTING SLOT DETAIL

(103) SEE ANCHOR BLOCK DETAIL

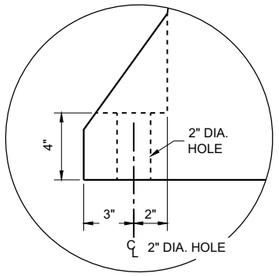
(104) 1 ¾" MIN. CLEAR COVER

(105) 2" MIN. CLEAR COVER

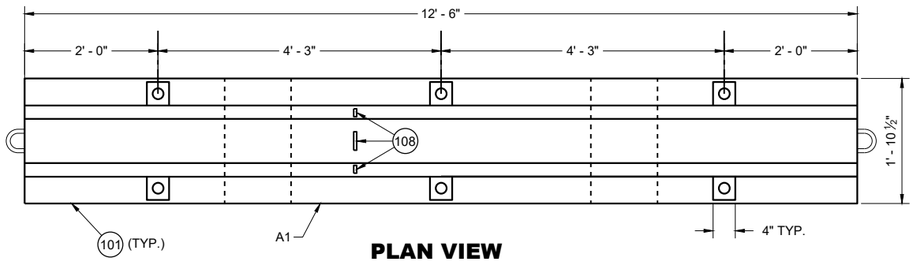
(106) 1" MIN. CLEAR COVER

(107) ± ⅛" MEASURED FROM FACE OF CONCRETE BARRIER TO OUTSIDE OF LOOP BAR (TYP.)

(108) USE DELINEATORS CONFORMING TO SECTION 633 OF THE STANDARD SPECIFICATIONS. CONTRACTOR MY USE ALTERNATE SHAPES AND HOUSING. INSTALL DELINEATORS ACCORDING TO MANUFACTURERS INSTRUCTION. INSTALL YELLOW REFLECTORS WHEN BARRIER IS LOCATED LEFT OF TRAFFIC AND WHITE WHEN BARRIER IS LOCATED RIGHT OF TRAFFIC. SPACE DELINEATORS A MAXIMUM OF 25 FEET APART, PROVIDE TOP MOUNTED DELINEATORS IN ADDITION TO SIDE MOUNTED DELINEATORS ON BARRIER INSTALLATIONS LOCATED ON A CURVED ALIGNMENT LONGER THAT 200 FEET AND ON BARRIERS USED TO SEPARATE OPPOSING TRAFFIC.

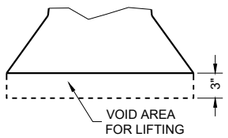


ANCHOR BLOCK DETAIL

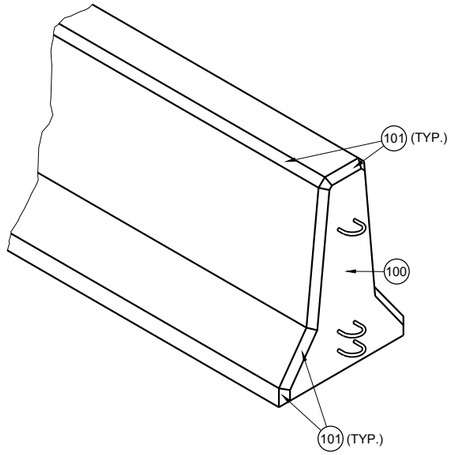


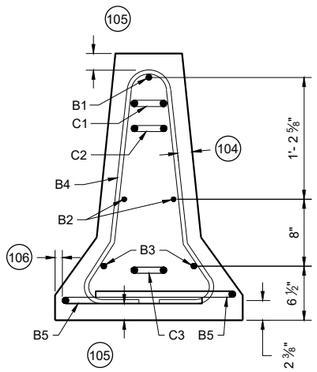
PLAN VIEW

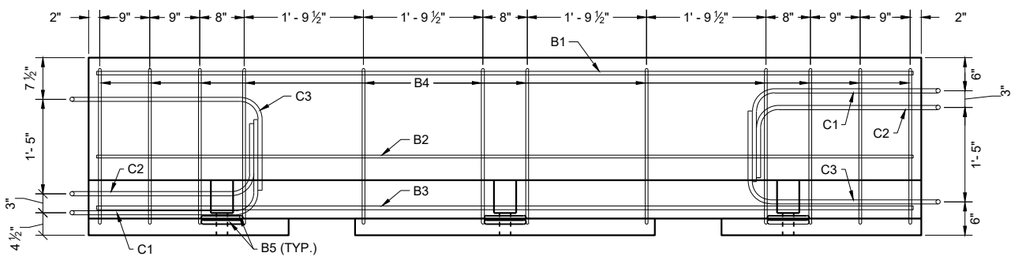
TEMPORARY BARRIER



LIFTING SLOT DETAIL (TYP.)







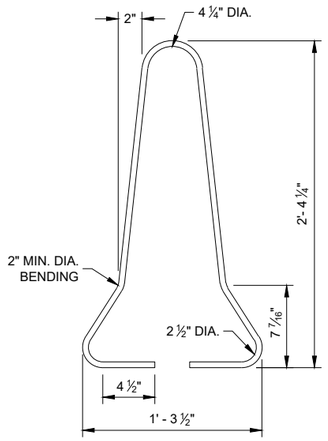
PROFILE VIEW

TEMPORARY BARRIER REINFORCEMENT

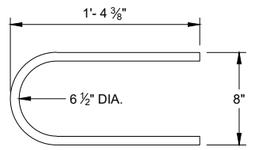
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

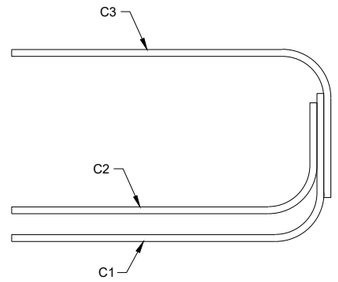
6
SDD 14B07-16a



B4 BAR DETAIL

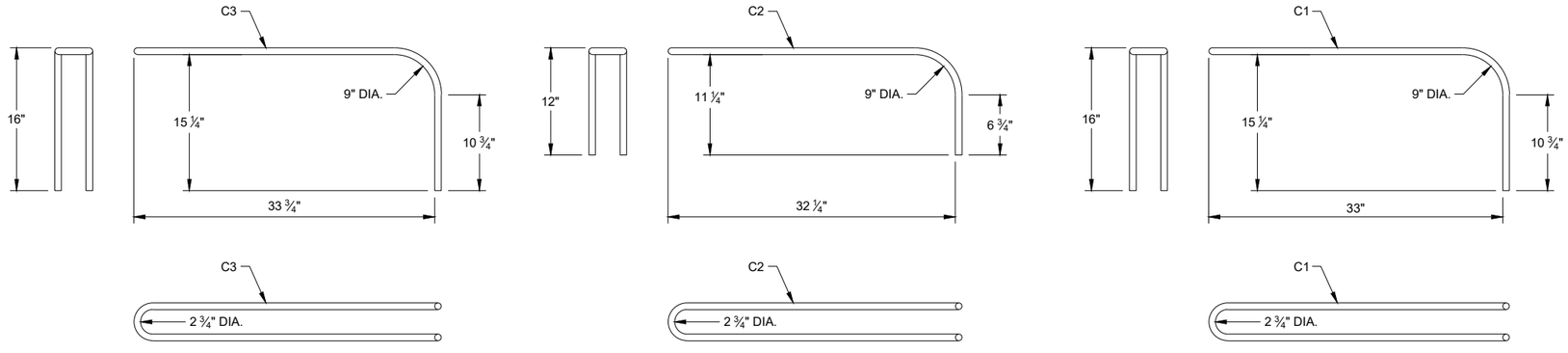


B5 BAR DETAIL



PROFILE VIEW

LOOP BAR ASSEMBLY



C BAR DETAILS

6

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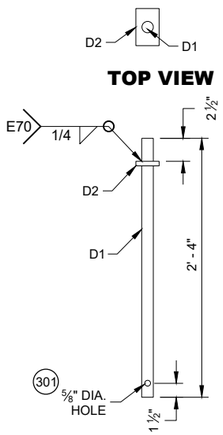
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

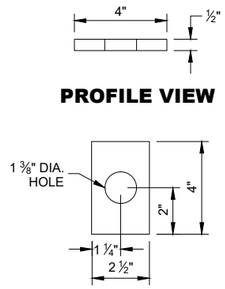
6

SDD 14B07-16b

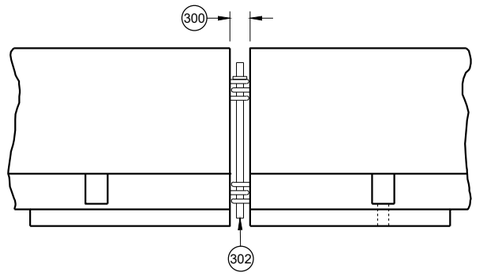


PROFILE VIEW

CONNECTOR PIN ASSEMBLY



TOP VIEW D2



CONNECTING TEMPORARY BARRIER SECTIONS

GENERAL NOTES

300 SET WITH 3 ⅝" WOOD BLOCK.

301 HOLE IS OPTIONAL.

302 CONNECTOR PIN ASSEMBLY.

303 CONCRETE PAVEMENT, APPROACH SLAB, OR DECK.

304 CONCRETE DECK.

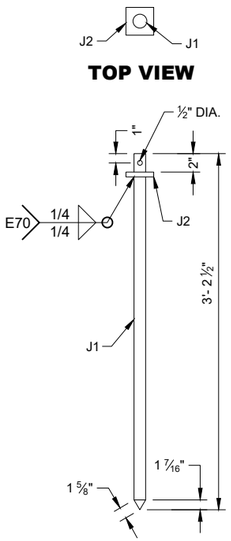
305 DO NOT USE ON CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY OR CONCRETE PAVEMENT WITH ASPHALT OVERLAY.

306 MINIMUM OF 2" OF ASPHALT.

307 ASPHALT ANCHOR PIN ASSEMBLY

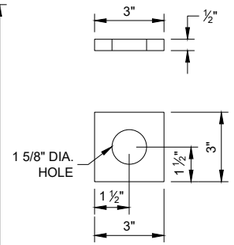
308 IF DRILLING A PILOT HOLE, THE MAX, DIA. OF THE HOLE IS 3/4"

309 WHEN THERE IS ASPHALT OVERLAYING CONCRETE PAVEMENT, A 1 5/8" DIA. PILOT HOLE CAN BE DRILLED INTO THE OVERLAY AND CONCRETE. IF NEEDED DRILL A 3/4" PILOT HOLE IN BASE COURSE.

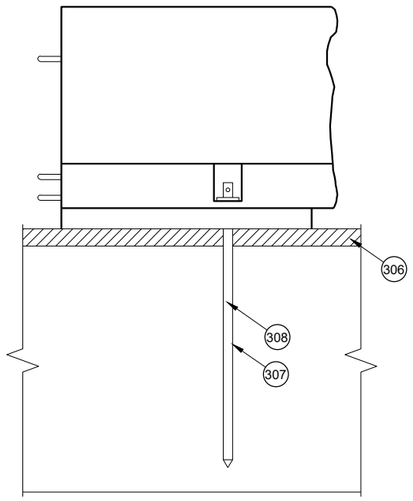


PROFILE VIEW

ASPHALT ANCHOR PIN ASSEMBLY

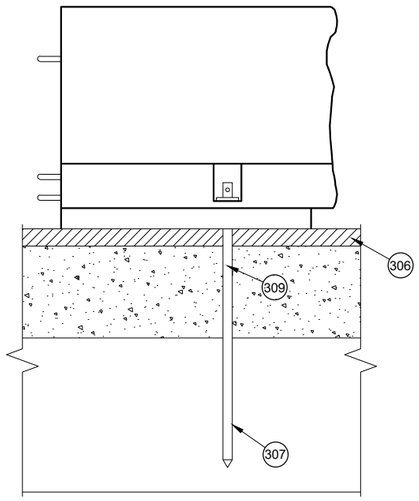


TOP VIEW J2



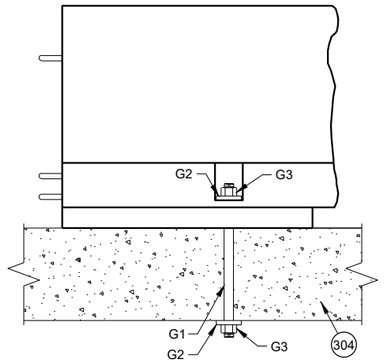
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT PAVEMENT



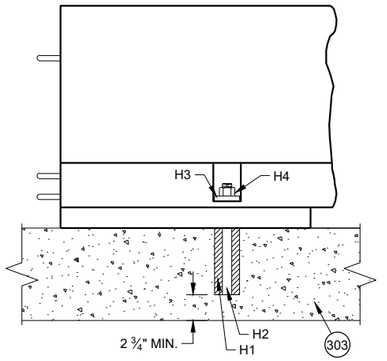
SIDE VIEW

ASPHALT ANCHOR INSTALLATION THROUGH ASPHALT OVERLAY ON TOP OF CONCRETE PAVEMENT



SIDE VIEW

THROUGH BOLT ANCHOR INSTALLATION 305



SIDE VIEW

ADHESIVE ANCHOR INSTALLATION 305

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

6

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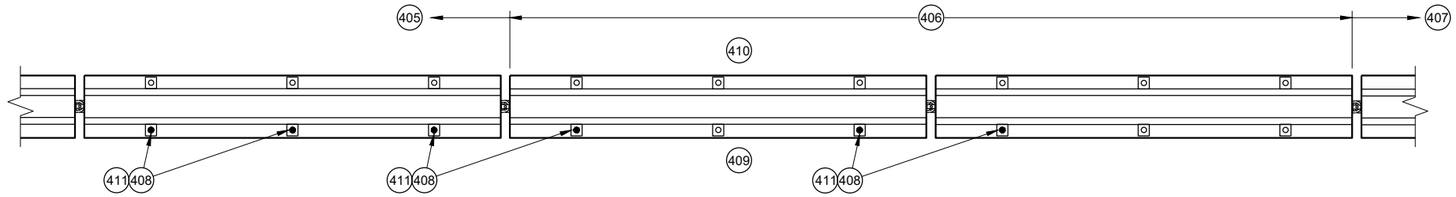
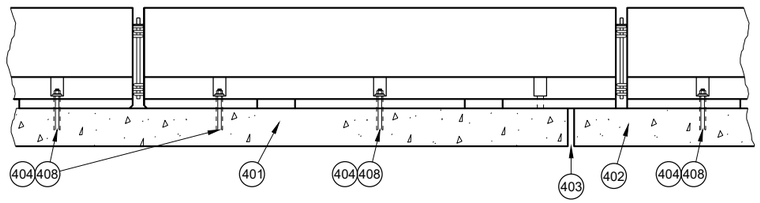


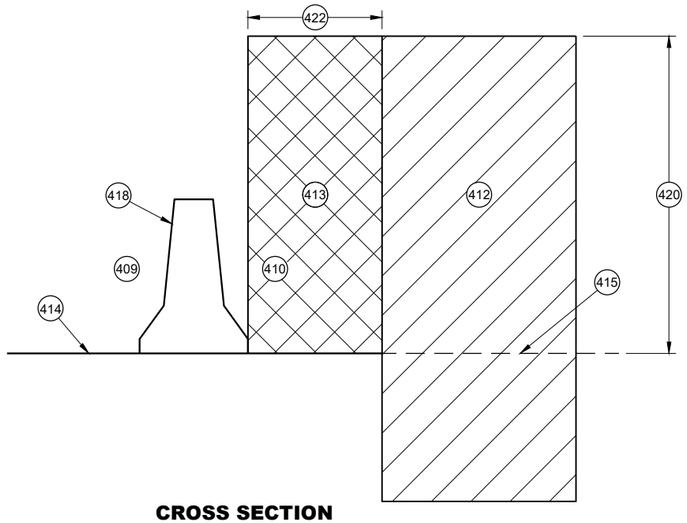
PLAN VIEW

TRANSITION FROM FREE STANDING TO ANCHORED BARRIER



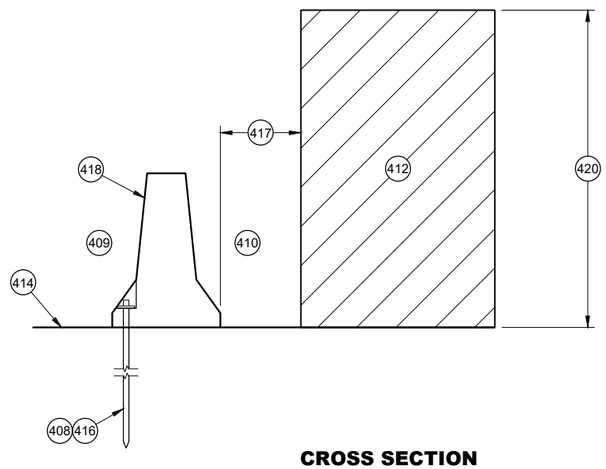
PROFILE VIEW

ANCHORED BARRIER NEAR EXPANSION JOINT (400)



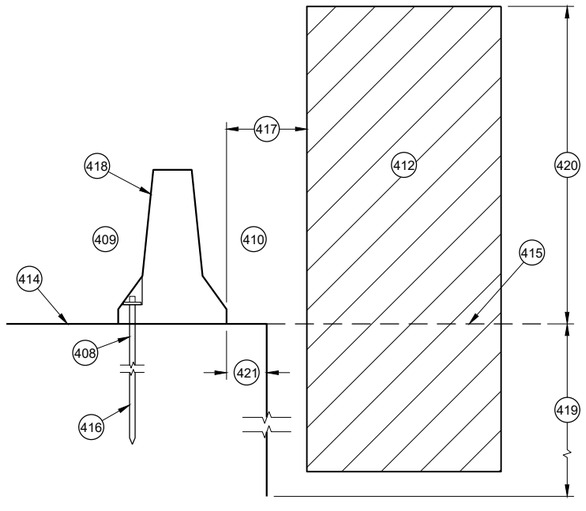
CROSS SECTION

FREE STANDING BARRIER



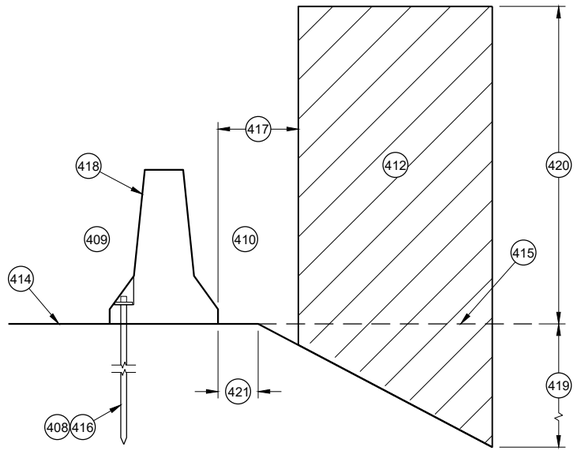
CROSS SECTION

ANCHORED BARRIER FOR OBJECTS ABOVE THE GRADE LINE AND NEAR THE BARRIER



CROSS SECTION

ANCHORED BARRIER NEAR VERTICAL DROP OFF



CROSS SECTION

ANCHORED BARRIER NEAR A SLOPE

GENERAL NOTES

(400) NO SINGLE CONCRETE BARRIER SECTION SHALL BE ANCHORED TO BOTH THE BRIDGE DECK AND THE APPROACH SLAB. ALL ANCHOR BOLT LOCATIONS SHALL BE ANCHORED TO THE DECK IN ACCORDANCE WITH THE DETAIL. NO MORE THAN ONE ANCHOR BOLT SHALL BE ELIMINATED FROM A BARRIER SECTION WHEN SPANNING AN EXPANSION JOINT.

(401) CONCRETE DECK

(402) CONCRETE DECK OR APPROACH SLAB.

(403) EXPANSION JOINT

(404) ADHESIVE ANCHOR SHOWN. SEE ANCHOR DETAILS.

(405) ANCHORED TEMPORARY BARRIER

(406) TRANSITION FROM ANCHORED TEMPORARY BARRIER TO FREE STANDING

(407) FREE STANDING BARRIER

(408) REMOVE ALL ANCHORS WHEN NO LONGER NEEDED. FILL CONCRETE PAVEMENTS, DECKS AND APPROACH SLABS WITH NON-SHRINK COMMERCIAL GROUT FROM THE APPROVED PRODUCT LIST. FILL ASPHALT PAVEMENTS WITH ASTM D6690 TYPE II RUBBERIZED CRACK FILLER.

(409) TRAFFIC SIDE

(410) NON-TRAFFIC SIDE

(411) ANCHOR LOCATION. SEE ANCHORING DETAILS.

(412) WORK AREA

(413) AREA FREE OF OBJECTS AND WORKERS

(414) GRADE LINE

(415) EXTENDED GRADE LINE

(416) ANCHORED TEMPORARY BARRIER. SEE BOLT THROUGH DECK, REMOVABLE ADHESIVE ANCHOR, OR AN ASPHALT ANCHOR ROD DETAILS FOR MORE INFORMATION. ASPHALT ANCHOR ROD SHOWN.

(417) WHEN OBJECTS EXTEND ABOVE THE GRADE. A MINIMUM OF 1 FOOT IS REQUIRED FROM BACK OF BARRIER TO OBJECT.

(418) OBJECTS ARE NOT TO BE PLACED ON, MOUNTED TO, OR ALLOWED TO LEAN AGAINST THE BARRIER WITHOUT WRITTEN PERMISSION OF THE PROJECT ENGINEER.

(419) DEPTHS OF 3 FEET OR MORE.

(420) Y = 6.5'

(421) OFFSET FROM BACK OF BARRIER EDGE:

CONCRETE PAVEMENT	0.5'
ASPHALT	0.5'

(422) POSTED SPEED (MPH):

45 OR GREATER	4.0'
40 OR LOWER	2.0'

6

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CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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GENERAL NOTES

(500) EXISTING RIGID BARRIERS (VARIES)

(501) TEMPORARY BARRIER

(502) SEE OTHER DETAIL ON HOW TO ANCHOR TEMPORARY BARRIER (BARRIER ASPHALT ANCHOR SHOWN).

(503) ANCHORS ARE REQUIRED ON BOTH SIDE OF THE TEMPORARY BARRIER.

(504) NESTED RAILS ARE REQUIRED ON BOTH SIDES OF THE TEMPORARY BARRIER FOR ALL INSTALLATIONS.

(505) TRAFFIC TRAVELS FROM PERMANENT BARRIER TO TEMPORARY BARRIER.

(506) TRAFFIC TRAVELS FROM TEMPORARY BARRIER TO PERMANENT BARRIER.

(507) VERTICAL BARRIER

(508) SAFETY SHAPE BARRIER

(509) SINGLE SLOPE BARRIER

(510) CAP END PLATE PLACED FLUSH WITH UPSTREAM END OF RIGID BARRIER.

(511) BENT THRIE BEAM TO FIT.

(512) THRIE BEAM PIECES ARE OFFSET 15 ¼" TO PREVENT INTERFERENCE FROM THE ANCHORS ON OPPOSING SIDES.

(513) TWO (2) P1, P2 AND P3 ARE REQUIRED

(514) FIVE (5) N1, N2 AND N3 ARE REQUIRED

(515) TWO (2) R1, R2 AND R3 ARE REQUIRED

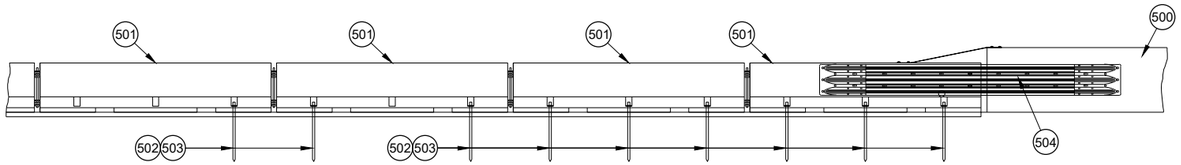
(516) CUT WOOD BLOCK TO FIT.

(517) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL ASSEMBLY.

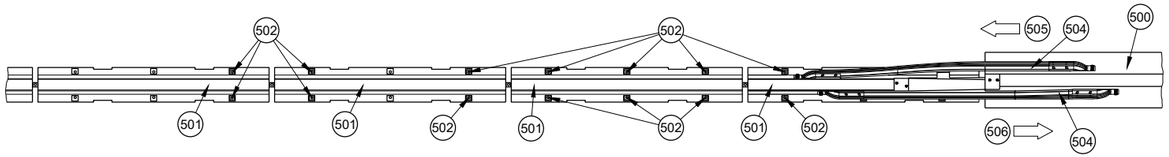
(518) CAP ASSEMBLY

(519) 4" MAX. GAP BETWEEN TEMPORARY BARRIER AND RIGID BARRIER.

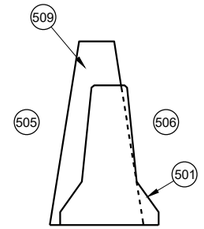
(520) ALL TWELVE SPLICE HOLES REQUIRE M1 AND M2



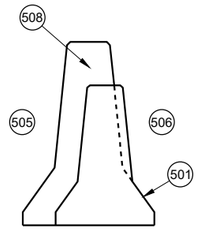
PROFILE VIEW



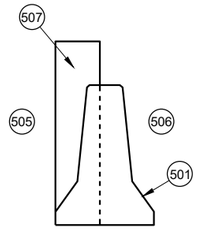
PLAN VIEW



CROSS SECTION TEMPORARY BARRIER PLACEMENT SINGLE SLOPE

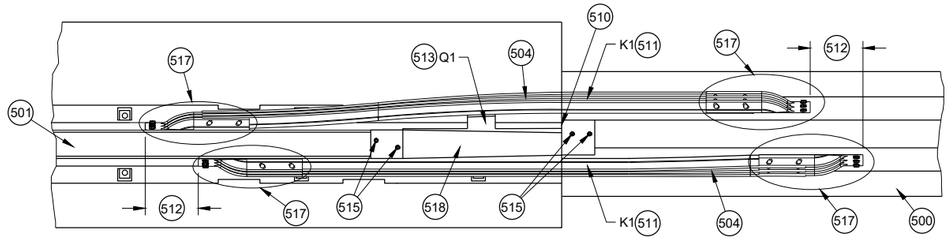


CROSS SECTION TEMPORARY BARRIER PLACEMENT SAFETY SHAPE

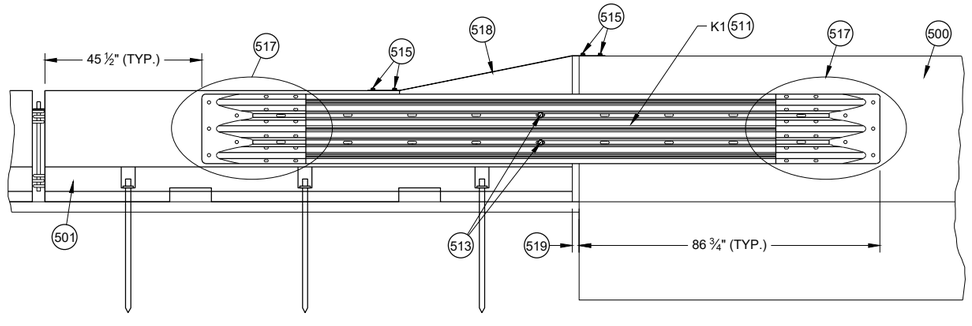


CROSS SECTION TEMPORARY BARRIER PLACEMENT VERTICAL

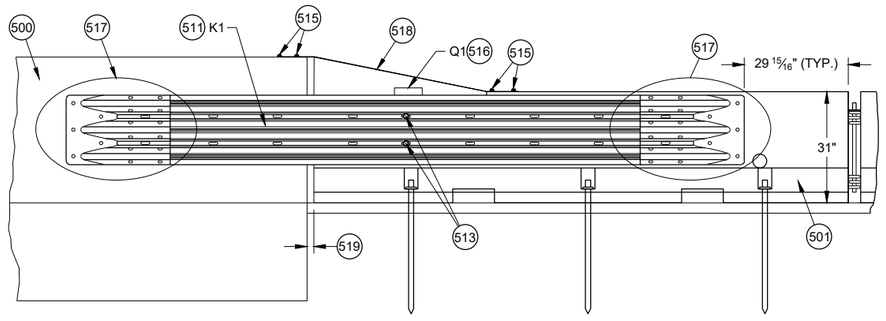
PLAN VIEW
TRANSITION TO RIGID BARRIER



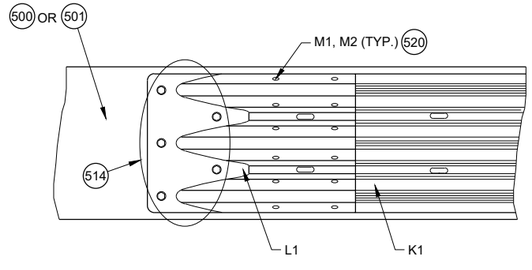
PLAN DETAIL VIEW
TRANSITION TO RIGID BARRIER



FRONT DETAIL VIEW
TRANSITION TO RIGID BARRIER



BACK DETAIL VIEW
TRANSITION TO RIGID BARRIER

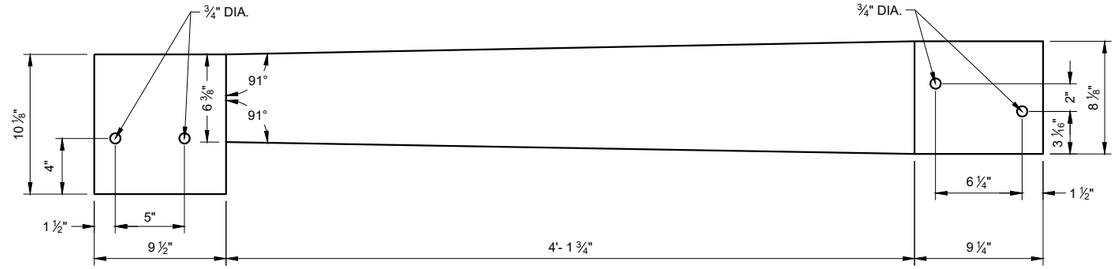


(517) DETAIL PLAN VIEW
THRIE BEAM RAIL TERMINAL CONNECTOR ASSEMBLY

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

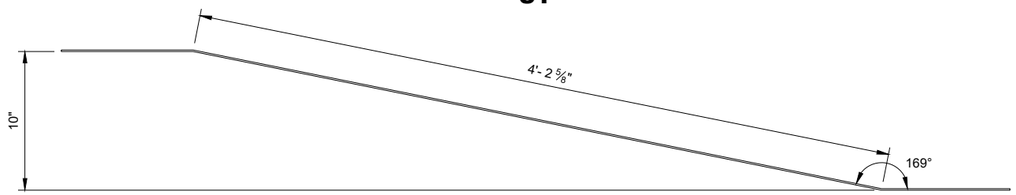
6

SDD 14B07-16e



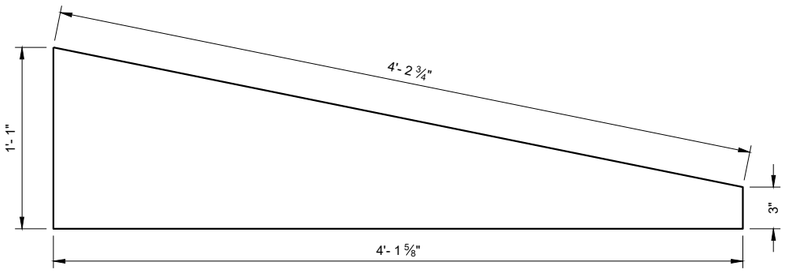
TOP VIEW

S1



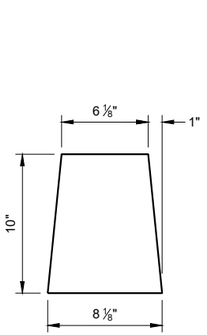
ELEVATION VIEW

S1

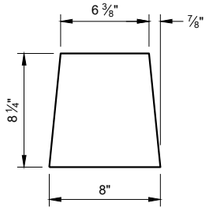


SIDE VIEW

S3



S2



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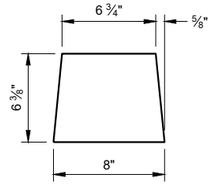
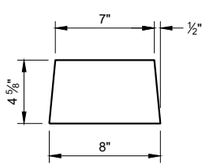
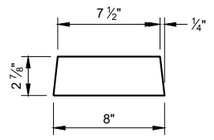


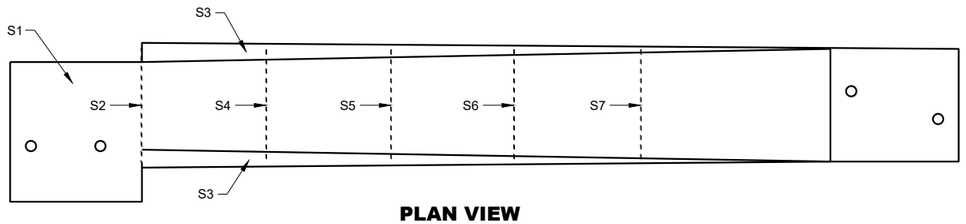
S5



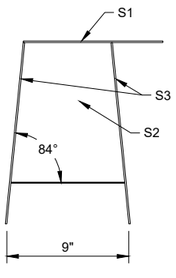
S6



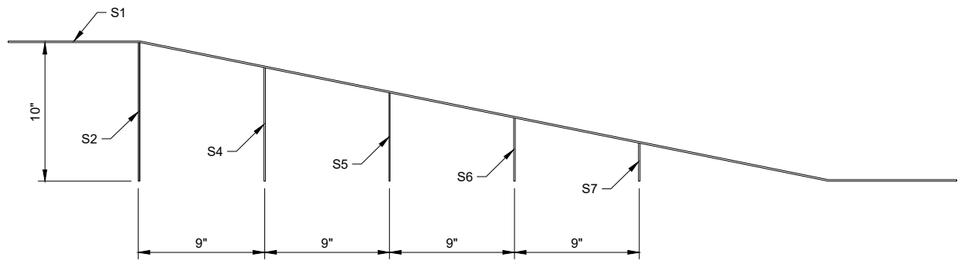
S7



PLAN VIEW



BACK VIEW



SIDE VIEW (600)

42" TOP CAP ASSEMBLY

GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THREE SIDES

STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

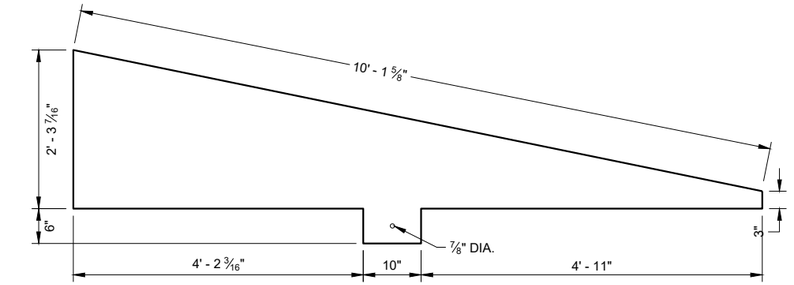
(600) SIDE PLATES (S3) NOT SHOWN FOR CLARITY.

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

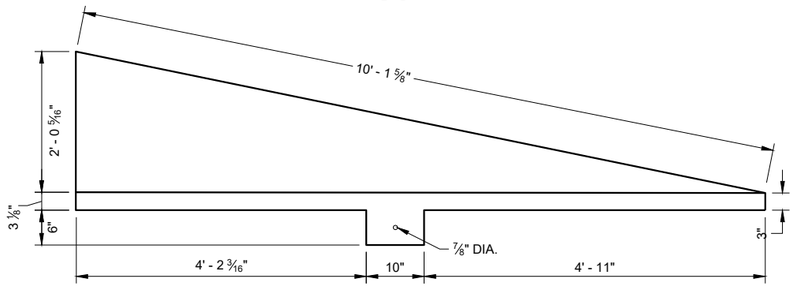
6

SDD 14B07-16f



SIDE VIEW
T4

END VIEW



SIDE VIEW
T3

END VIEW

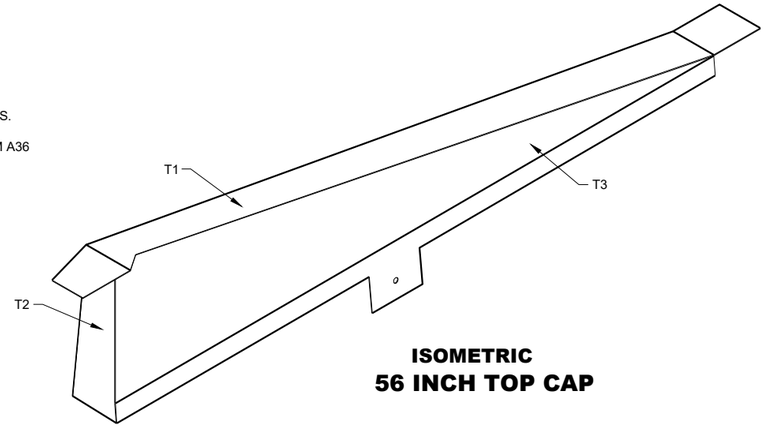
GENERAL NOTES

STITCH WELD GUSSET PLATES AND END PLATES ON THRIE SIDES

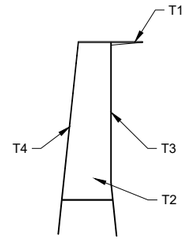
STITCH WELD TWO SIDE PLATES TO TOP PLATE, END PLATE AND GUSSETS.

SIDE PLATES, TOP PLATE, END PLATE AND GUSSETS ARE 12 GAUGE ASTM A36 GALVANIZED STEEL.

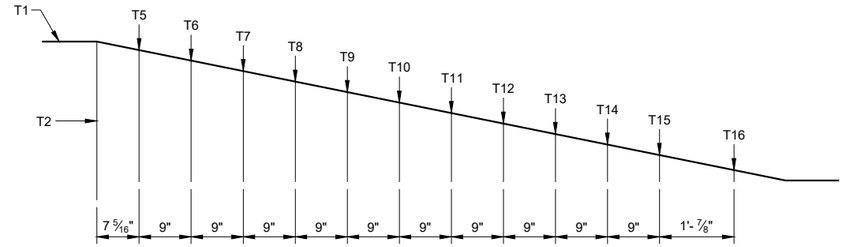
(700) SIDE PLATES (T3 AND T4) NOT SHOWN FOR CLARITY.



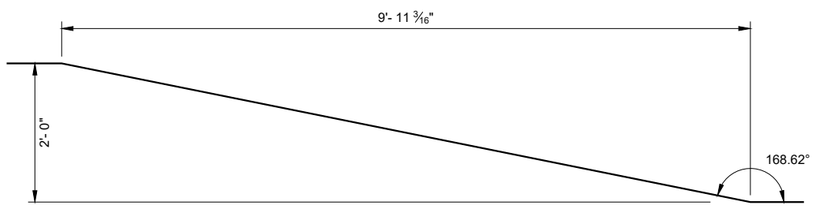
ISOMETRIC
56 INCH TOP CAP



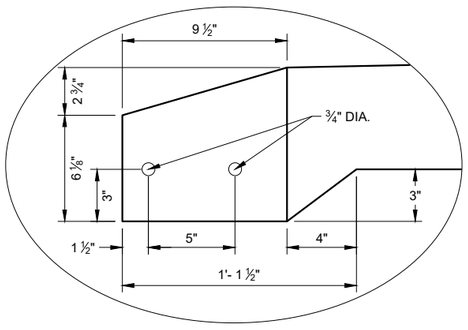
END VIEW
56 INCH TOP CAP



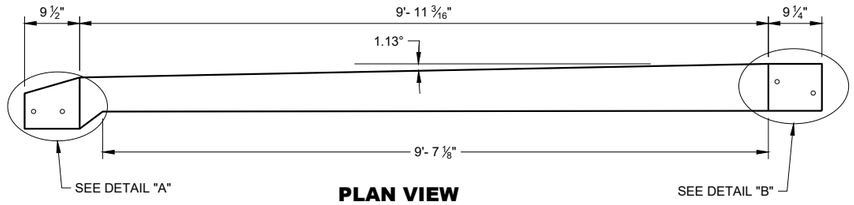
SIDE VIEW (700)
56 INCH TOP CAP



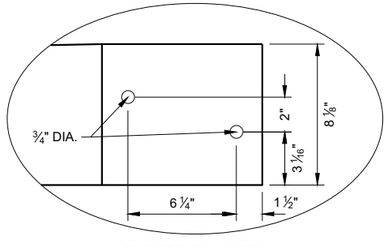
SIDE VIEW
TOP PLATE T1



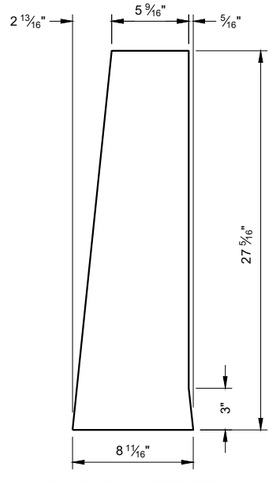
DETAIL "A"



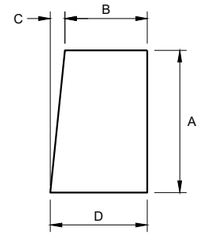
PLAN VIEW
TOP PLATE T1



DETAIL "B"



END PLATE T2



GUSSET PLATES
T5 - T16

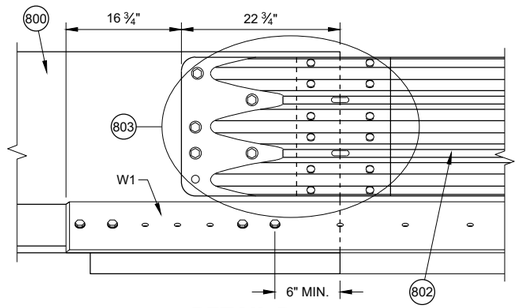
GUSSET DIMENSIONS				
GUSSET NO.	A	B	C	D
T5	22 13/16"	5 1/16"	2 5/16"	8 1/16"
T6	21"	5 7/8"	2 3/16"	8 1/16"
T7	19 3/16"	6 1/16"	1 15/16"	8 1/16"
T8	17 3/8"	6 1/4"	1 13/16"	8 1/16"
T9	15 5/16"	6 7/16"	1 9/16"	8 1/16"
T10	13 3/4"	6 5/8"	1 7/16"	8 1/16"
T11	11 15/16"	6 13/16"	1 1/4"	8 1/16"
T12	10 1/8"	7"	1 1/16"	8 1/16"
T13	8 5/16"	7 3/16"	7/8"	8 1/16"
T14	6 1/2"	7 3/8"	1 1/16"	8 1/16"
T15	4 11/16"	7 9/16"	1/2"	8"
T16	2 7/8"	7 3/4"	1/4"	8"

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

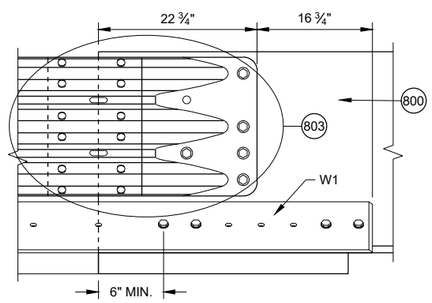
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

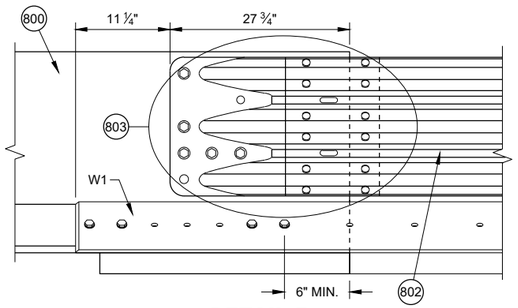
SDD 14B07-16g



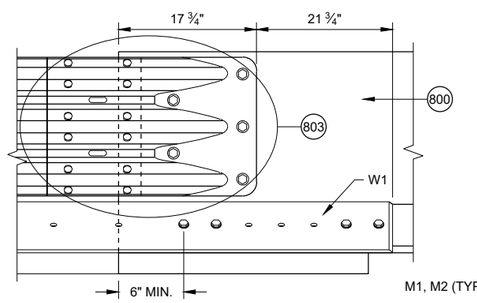
DETAIL D



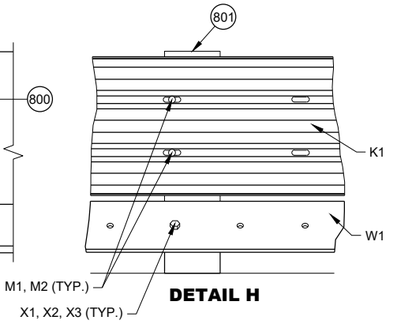
DETAIL E



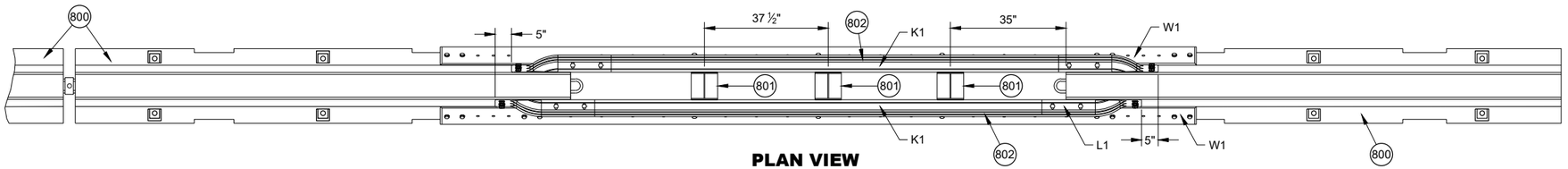
DETAIL F



DETAIL G



DETAIL H



PLAN VIEW

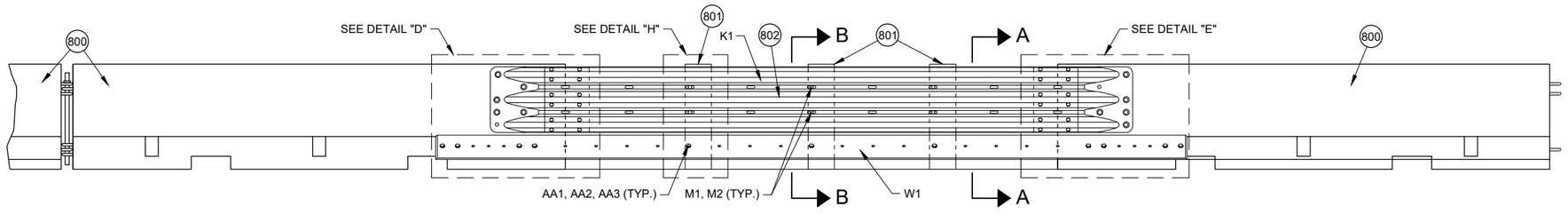
GENERAL NOTES

(800) FREE STANDING TEMPORARY BARRIER

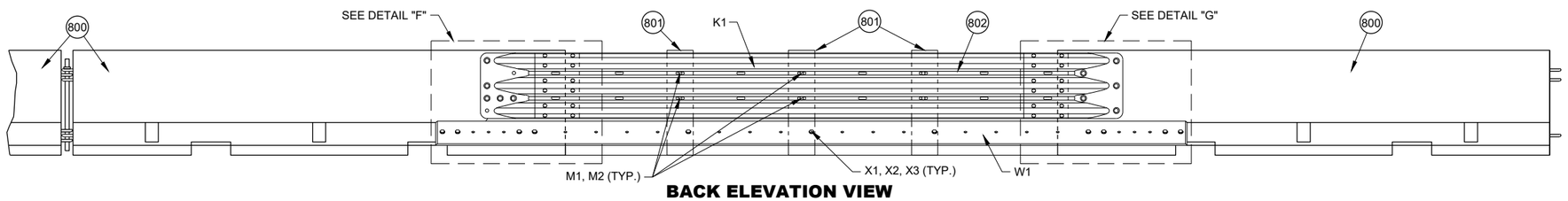
(801) GAP STIFFENER ASSEMBLY

(802) THRIE BEAMS ARE NESTED ON BOTH SIDES OF THE TEMPORARY BARRIER.

(803) SEE THRIE BEAM RAIL TERMINAL CONNECTOR DETAIL



FRONT ELEVATION VIEW



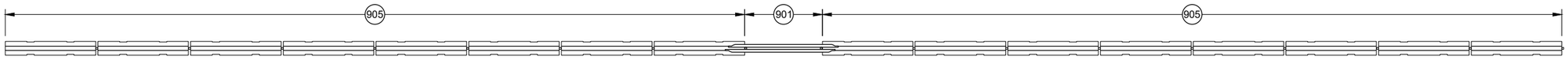
BACK ELEVATION VIEW

PORTABLE CONCRETE BARRIER GAP THRIE BEAM COVER

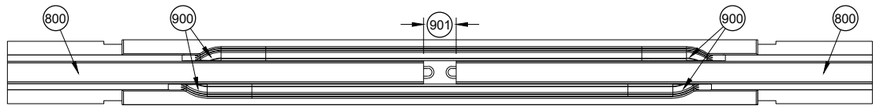
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16h



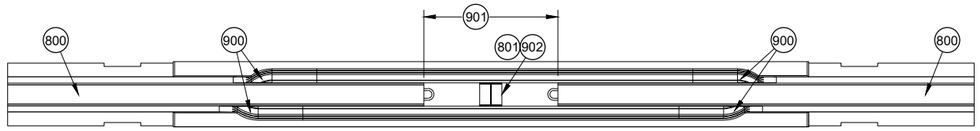
PLAN VIEW
GAP WITHIN SPACING



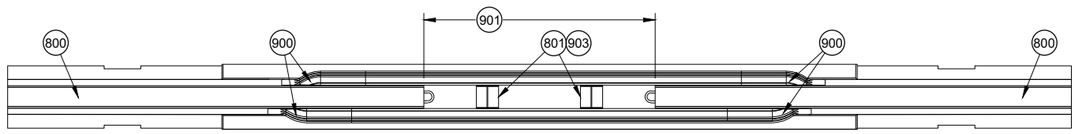
PLAN VIEW
TEMPORARY BARRIER GAP OVER 4" TO 1' MAX. (904)

GENERAL NOTES

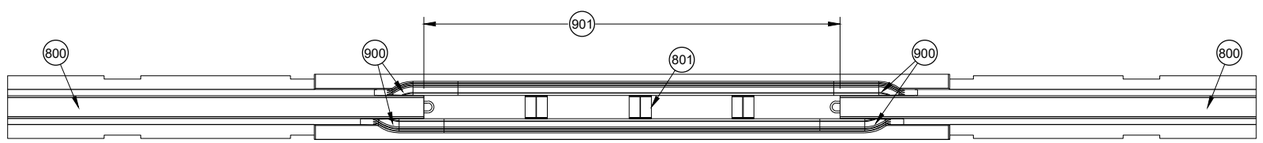
(900) SEE OTHER DETAILS FOR TEMPORARY GAP HARDWARE (TYP.)
(901) TEMPORARY BARRIER GAP
(902) GAP STIFFENER ASSEMBLY CENTERED IN THE GAP.
(903) GAP STIFFENER ASSEMBLY IS OFFSET 18 ¾" FROM CENTER
(904) MINIMUM NUMBER OF GAP STIFFENERS SHOWN FOR THE GAP RANGE SHOWN.
(905) MINIMUM OF 8 CONTINUOUS FREE STANDING TEMPORARY BARRIERS



PLAN VIEW
TEMPORARY BARRIER GAP OVER 1' TO 4' MAX. (904)



PLAN VIEW
TEMPORARY BARRIER GAP OVER 4' TO 7' MAX. (904)



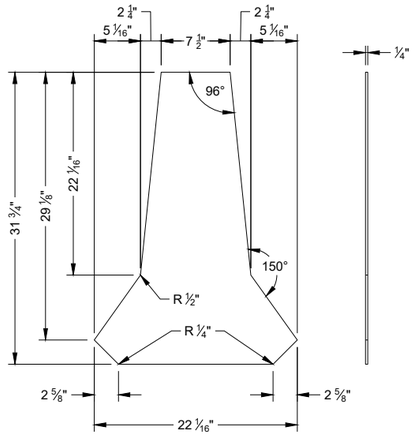
PLAN VIEW
TEMPORARY BARRIER GAP OVER 7' TO 12.5' MAX. (904)

6

SDD 14B07-16i

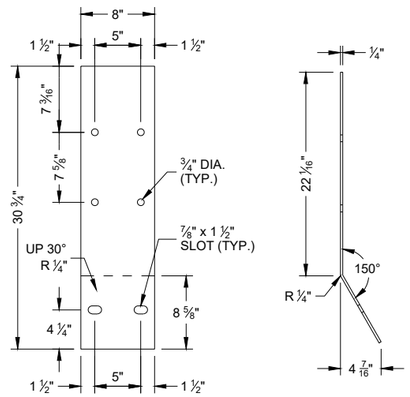
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

6
SDD 14B07-16i



PROFILE VIEW SIDE VIEW

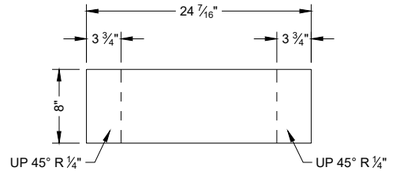
STIFFENER ASSEMBLY CENTER PANEL U1



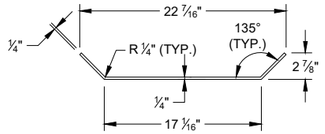
FLAT PATTERN

SIDE VIEW

STIFFENER ASSEMBLY SIDE PANEL U2

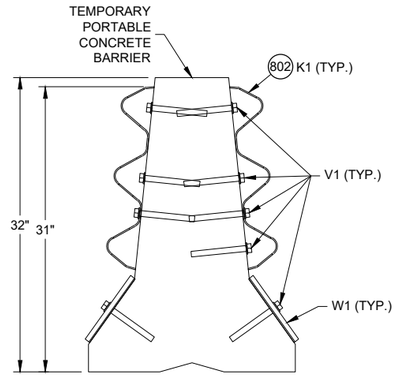


FLAT PATTERN

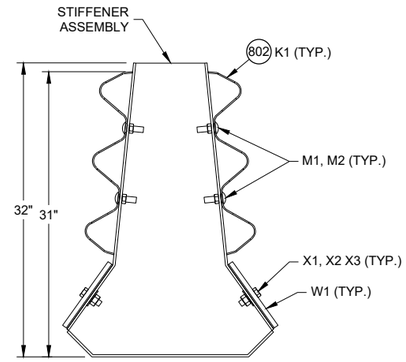


PROFILE VIEW

STIFFENER ASSEMBLY BOTTOM PANEL U3

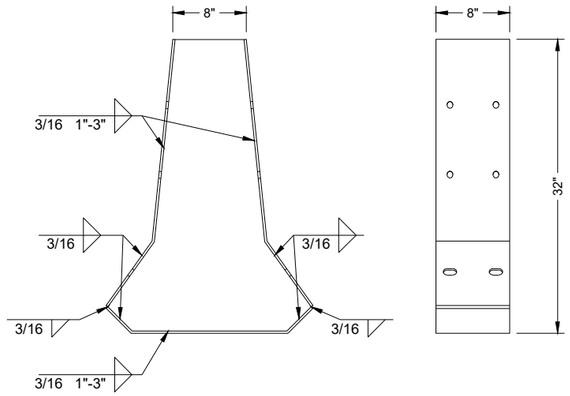


SECTION A - A



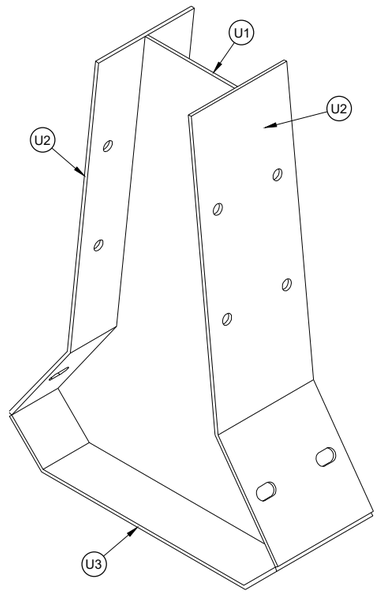
SECTION B - B

PLAN VIEW



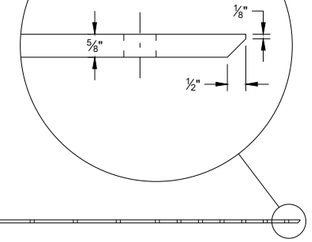
PROFILE VIEW

SIDE VIEW

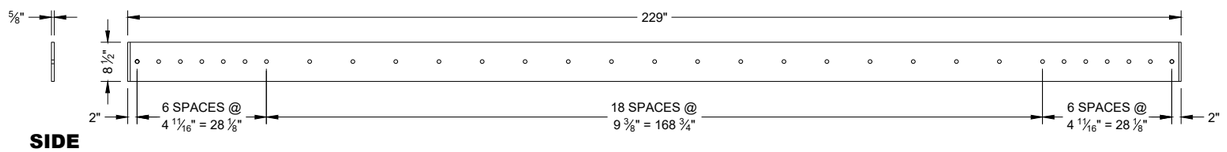


ISOMETRIC

GAP STIFFENER ASSEMBLY



PLAN VIEW

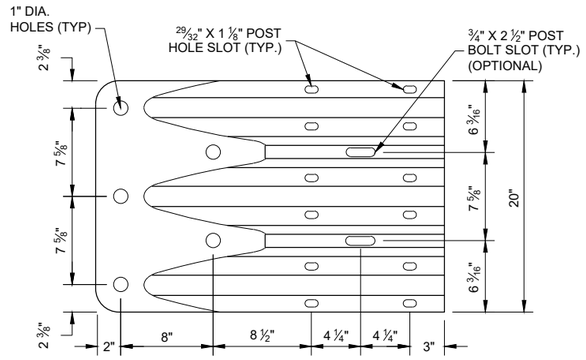


SIDE VIEW

ELEVATION VIEW

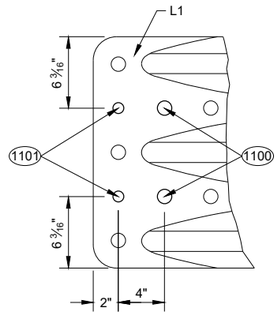
W1 TOE PLATE

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"



ELEVATION VIEW

THRIE BEAM TERMINAL CONNECTOR



ELEVATION VIEW

ADDITIONAL THRIE BEAM (1102) TERMINAL CONNECTOR HOLE DETAIL

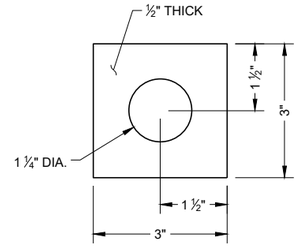


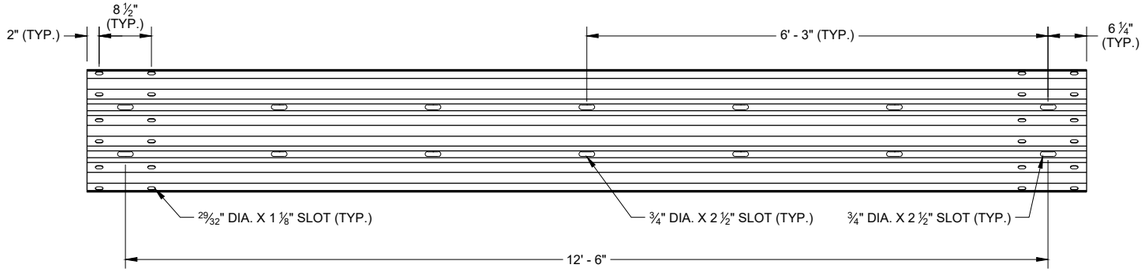
PLATE WASHER DETAIL G2, H3

GENERAL NOTES

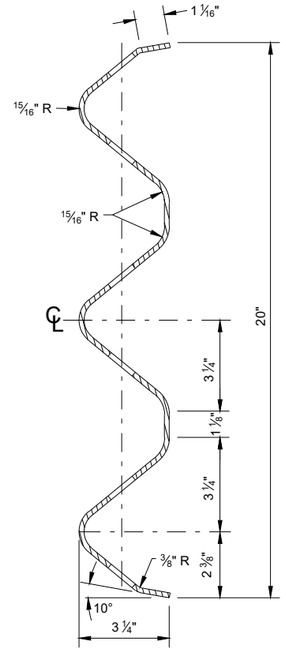
(1100) 1" DIA. HOLE

(1101) 3/4" DIA. HOLE

(1102) PROVIDE HOLES IN THRIE BEAM TERMINAL CONNECTOR TO LIMIT STEEL REINFORCEMENT OR LOOP BAR CONFLICT. CONTRACTOR MAY FIELD DRILL ADDITIONAL HOLE OR PROVIDE THRIE BEAM TERMINAL CONNECTOR WITH ADDITIONAL HOLES FROM SUPPLIER.



SLOTTED THRIE BEAM RAIL K1

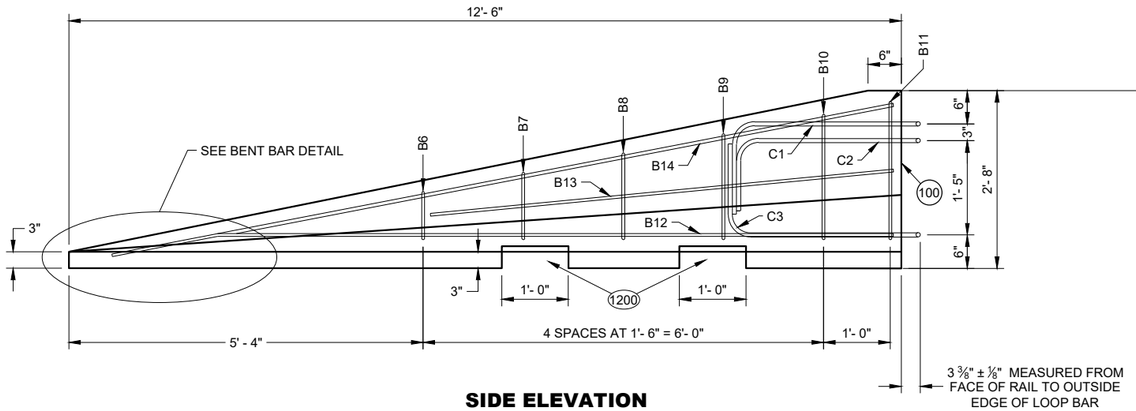


SECTION THROUGH BEAM K1

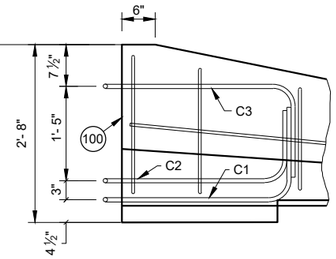
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16k



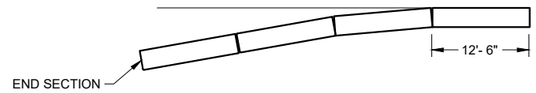
SIDE ELEVATION
(FOR CONNECTION TO LEFT END OF BARRIER)



SIDE ELEVATION
LOOP BAR ASSEMBLY INVERTED FOR OPPOSITE END
(FOR CONNECTION TO RIGHT END OF BARRIER)

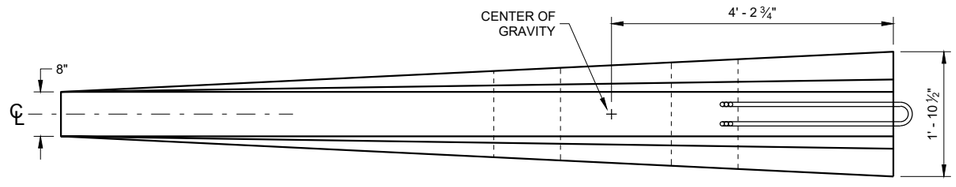
GENERAL NOTES

(1200) SEE LIFTING SLOT DETAIL. LOCATION OF LIFTING SLOTS DETERMINED BY CONTRACTOR.

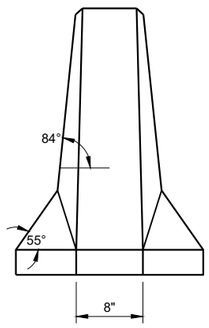


FLARE AT BARRIER END

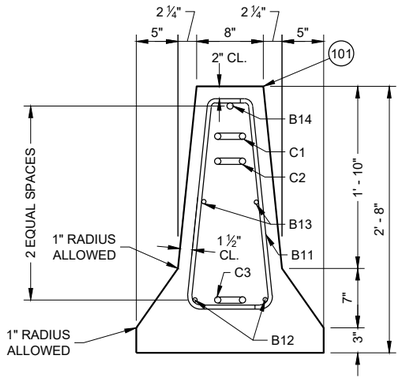
POSTED SPEED, (MPH)	FLARE RATE
40 OR LESS	6:1
45 OR GREATER	8:1



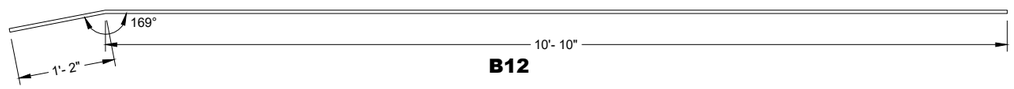
PLAN VIEW



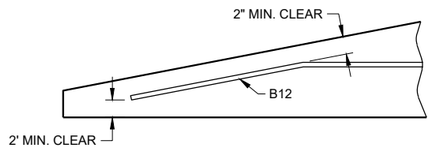
FRONT ELEVATION



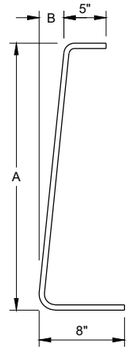
END SECTION



B12



BENT BAR DETAIL



BAR	A	B
B6	10"	1"
B7	1'- 1"	1 ¼"
B8	1'- 5"	1 ⅝"
B9	1'- 8"	1 ⅞"
B10	2'- 0 ½"	2 ⅜"
B11	2'- 3"	2 ¾"

B BARS
2 OF EACH SIZE REQUIRED FOR STIRRUP ASSEMBLY

DETAILS OF BARRIER TAPER SECTION

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 14B07-16I

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
A1	PRECAST TEMPORARY BARRIER - CONCRETE	MIN. = f'c 5000 PSI	
B1	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B2	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-2"
B3	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 12'-2"
B4	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 6'-0"
B5	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#6 REBAR, LENGTH 2'-11"
B6	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 1'-11"
B7	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-2"
B8	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-6"
B9	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 2'-9"
B10	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-2"
B11	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 3'-4"
B12	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 12'-0"
B13	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#4 REBAR, LENGTH 7'-9"
B14	REBAR	STANDARD SPEC. 505.2 GRADE 60 UNCOATED REBAR	#5 REBAR, LENGTH 11'-9"
C1	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C2	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
C3	LOOP BAR	ASTM A709 GRADE 70 SMOOTH BAR OR ASTM A706 GRADE 60 REBAR UNCOATED	¾" DIA.
D1	CONNECTION PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ¼" DIA.
D2	CONNECTION PIN - TOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G1	BOLT THROUGH ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A OR SAE J429 GRADE 2 UNC	1 ⅛" DIA.
G2	BOLT THROUGH ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
G3	BOLT THROUGH ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
H1	ADHESIVE ANCHOR - ADHESIVE	ICC-ES-AC308 5 ¼" EMBEDMENT WITH A MIN. BOND STRENGTH OF 1,650 PSI. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
H2	ADHESIVE ANCHOR - THREADED ROD	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 A307 GRADE A / SAE J429 GRADE 2 UNC	1 ⅛" DIA.
H3	ADHESIVE ANCHOR - WASHER, SQUARE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
H4	ADHESIVE ANCHOR - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
J1	ASPHALT ANCHOR PIN - ROD	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	1 ½" DIA.
J2	ASPHALT ANCHOR PIN - STOP PLATE	ASTM A36 MIN. STRENGTH 36 KSI / ASTM A529 MAX. STRENGTH 50 KSI / ASTM A572 MAX STRENGTH 50 KSI / ASTM A709 MAX STRENGTH 50 KSI / ASTM A992 MAX STRENGTH 50 KSI	
K1	THRIE BEAM RAIL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE
L1	THRIE BEAM RAIL - TERMINAL	AASHTO M180 CLASS A TYPE 2 APPROVED PRODUCER	12 GAUGE

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
M1	SPLICE BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC AASHTO M180 HEAD ASTM A307 GRADE B OR SAE J429 GRADE 2 OR ASTM F1554 GRADE 36	⅝" DIA.
M2	SPLICE BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
N1	THRIE BEAM RAIL TERMINAL - MECHANICAL ANCHOR	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA. LENGTH 6"
N2	THRIE BEAM RAIL TERMINAL - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
N3	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 17.9 KIPS AND ULTIMATE SHEAR LOAD 21.96 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
P1	THRIE BEAM RAIL CONNECTION 1-BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	¾" DIA.
P2	THRIE BEAM RAIL CONNECTION 1-WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
P3	THRIE BEAM RAIL CONNETION 1- MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS: ULTIMATE TENSILE LOAD 9.48 KIPS AND ULTIMATE SHEAR LOAD 10.48 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	
Q1	BLOCK WOOD	SEE STANDARD SPEC. 614	
R1	CAP - BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 AASHTO M180 RECESSED HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	⅝" DIA.
R2	CAP- BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GAL. TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1	
R3	CAP - BOLT - MECHANICAL ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 12.14 KIPS AND ULTIMATE SHEAR LOAD 17.5 KIPS.SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	12 GAUGE
S1	CAP 42-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S2	CAP 42-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S3	CAP 42-INCH SIDE PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S4	CAP 42-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S5	CAP 42-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S6	CAP 42-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
S7	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE

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SDD 14B07-16m

CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B07-16m

BILL OF MATERIALS - CONCRETE BARRIER PRECAST

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
T1	CAP 56-INCH TOP PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T2	CAP 56-INCH END PLATE	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T3	CAP 56-INCH SIDE PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T4	CAP 56-INCH SIDE PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T5	CAP 56-INCH GUSSET 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T6	CAP 56-INCH GUSSET 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T7	CAP 56-INCH GUSSET 3	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T8	CAP 42-INCH GUSSET 4	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T9	CAP 42-INCH GUSSET 5	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T10	CAP 42-INCH GUSSET 6	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T11	CAP 42-INCH GUSSET 7	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T12	CAP 42-INCH GUSSET 8	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T13	CAP 42-INCH GUSSET 9	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T14	CAP 42-INCH GUSSET 10	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T15	CAP 42-INCH GUSSET 11	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
T16	CAP 42-INCH GUSSET 12	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	12 GAUGE
U1	GAP STIFFENER	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U2	GAP STIFFENER - CONNECTOR PLATE 1	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
U3	GAP STIFFENER - CONNECTOR PLATE 2	AASHTO M111 / ASTM A123 ASTM A36 MIN. STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	

PART	DESCRIPTION	MATERIALS SPECIFICATIONS	NOTES
V1	THRIE BEAM RAIL TERMINAL MECHANICAL OR ADHESIVE ANCHOR	MINIMUM MECHANICAL OR ADHESIVE ANCHOR STRENGTH REQUIREMENTS ULTIMATE TENSILE LOAD 24.0 KIPS AND ULTIMATE SHEAR LOAD 21.5 KIPS. SEE 603.2 AND 603.3.1.2 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR MORE INFORMATION ON ADHESIVE ANCHORS.	¾" DIA.
V2	GAP STIFFENER - BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C O R MECHANICAL GALVANIZE TO AASHTO M298 CLASS 50 TYPE 1 / ASTM B695 CLASS 50 TYPE 1 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291/ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	
W1	TOE PLATE	AASHTO M111/ASTM A123 ASTM A36 MIN STRENGTH 36 KSI, OR ASTM A529 MAX. STRENGTH 50 KSI, OR ASTM A572 MAX. STRENGTH 50 KSI, OR ASTM A709 MAX. STRENGTH 50 KSI, OR ASTM A992 MAX. STRENGTH 50 KSI	
X1	TOE PLATE - CONNECTION BOLT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 UNC HEAVY HEX HEAD OR AASTHO M180 HEAD, ASTM F3125 GRADE A325 TYPE 1 HEAVY HEX HEAD OR SAE J429 GRADE 5 HEAVY HEX HEAD / ASTM A449 TYPE 1 HEAVY HEX HEAD. BOLTS MAY BE FULLY THREADED. PROVIDE ENOUGH THREADING FOR PROPER TIGHTENING OF BOLT.	¾" DIA.
X2	TOE PLATE - CONNECTION BOLT - WASHER	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 TYPE 2 F436 TYPE 1 (HARDEN WASHER ONLY)	
X3	TOE PLATE - CONNECTION BOLT - NUT	HOT DIP AASHTO M232 CLASS / ASTM A153 CLASS C / ASTM F2329 C OR MECHANICAL GALVANIZE TO AASHTO M298 CLASS 55 TYPE 2 / ASTM B695 CLASS 55 UNC OVER TAP NUTS AS SPECIFIED IN AASHTO 291 / ASTM A 563 HEAVY HEX HEAD ASTM A563DH OR SAE J995 GRADE 5	

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SDD 14B07-16n

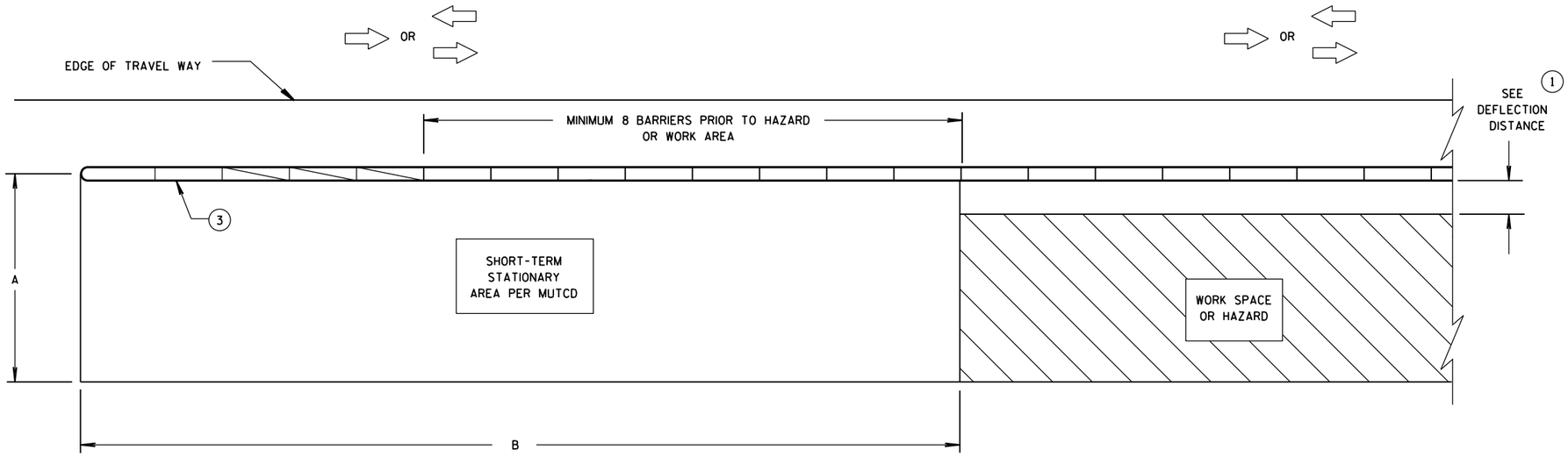
CONCRETE BARRIER TEMPORARY PRECAST, 12' - 6"

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

6

SDD 14B07-16n



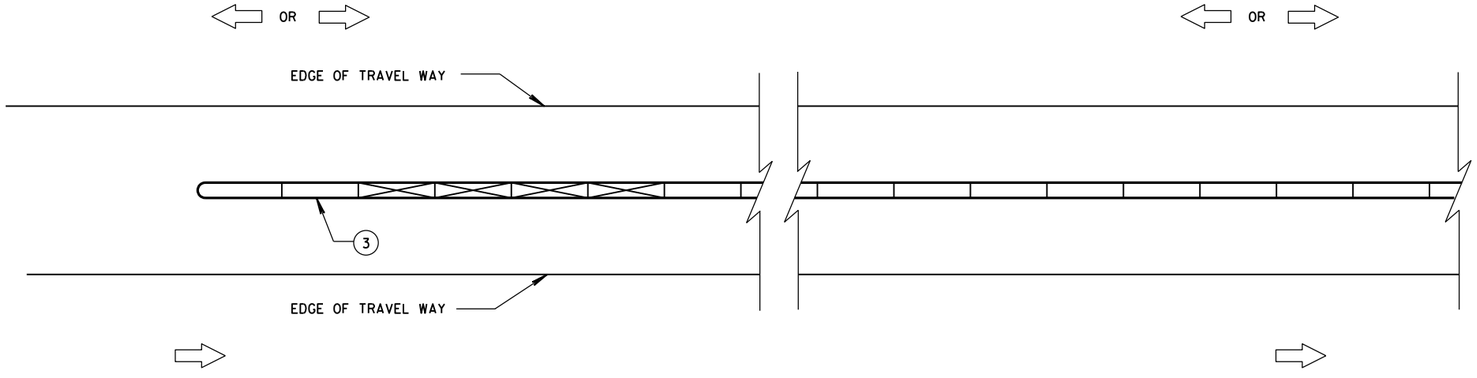
CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE OF BARRIER

DIMENSION A TABLE (2)

FACILITY	POSTED SPEED MPH	DIMENSION A	
		MIN. FT	MAX. FT
FREEWAY/EXPRESSWAY	ALL	15	20
NON-FREEWAY/EXPRESSWAY	GREATER THAN OR EQUAL TO 45	10	15
NON-FREEWAY/EXPRESSWAY	LESS THAN 45	8	10
AADT LESS THAN 1,500	ALL	8	10

DIMENSION B TABLE (2)

POSTED SPEEDS MPH	DIMENSION B FT
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON BOTH SIDES OF BARRIER

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

GENERAL NOTES

SEE STANDARD DETAIL DRAWING 14B7 FOR MORE INFORMATION.

DETAILS PROVIDE A GENERAL LAYOUT OF TEMPORARY CONCRETE BARRIER, CRASH CUSHIONS, SAND BARREL ARRAYS AND TIE DOWN TRANSITIONS. DETAILS PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

ADDITIONAL TEMPORARY BARRIER MAY BE REQUIRED TO PROTECT TRAVELING PUBLIC FROM HAZARDS, CONTRACTOR'S OPERATIONS OR TO CONTROL TRAFFIC.

TEMPORARY BARRIER MAY BE REQUIRED TO BE ANCHORED TO PAVEMENT OR BRIDGE DECK.

FOR DETAILS ON CRASH CUSHION OR SAND BARREL ARRAYS SEE OTHER SECTIONS OF THE PLAN AND MANUFACTURE'S DETAILS.

SLOPES LEADING TO TEMPORARY BARRIER, CRASH CUSHION OR SAND BARREL ARRAY ARE 10:1 OR LESS.

(1) FOR DEFLECTION INFORMATION SEE STANDARD DETAIL DRAWING 14B7.

(2) VALUES PROVIDED MAY NOT FIT ALL POSSIBLE SITUATIONS OR SITE CONDITIONS. SEE OTHER SECTIONS OF THE CONTRACT OR PROJECT ENGINEER FOR MORE DETAILS.

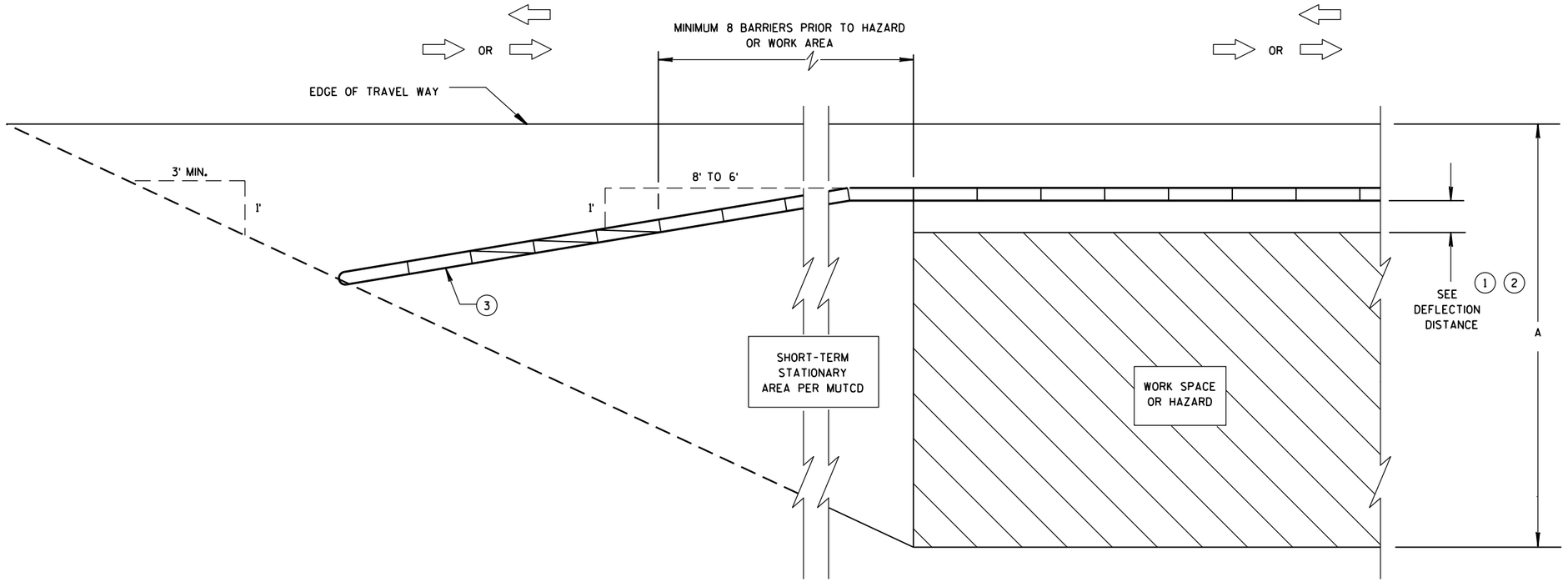
(3) ANCHOR TEMPORARY BARRIER ACCORDING TO CRASH CUSHION OR SAND BARREL MANUFACTURER'S RECOMMENDATIONS. IF MANUFACTURER'S RECOMMENDATIONS ARE NOT PROVIDED, ANCHOR 3 PINS ON TRAFFIC SIDE.

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

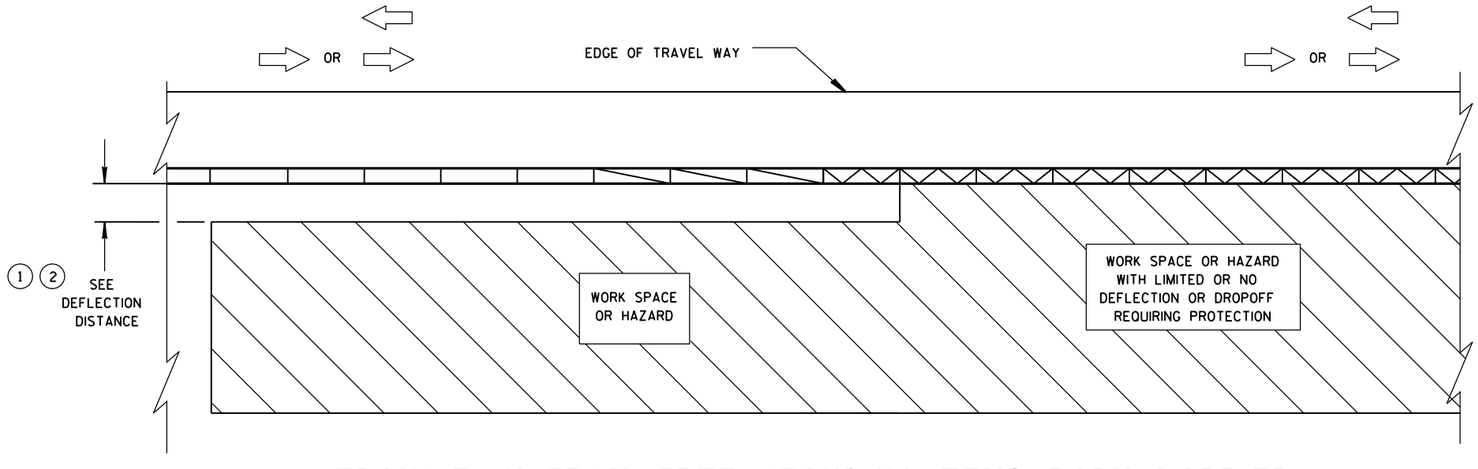
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 8-2a



CRASH CUSHION/SAND BARREL ARRAY AND TEMPORARY BARRIER INSTALLATION FOR TRAFFIC ON ONE SIDE - FLARED INSTALLATION



TRANSITION FROM FREE STANDING TEMPORARY BARRIER TO ANCHORED BARRIER

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 8-2b

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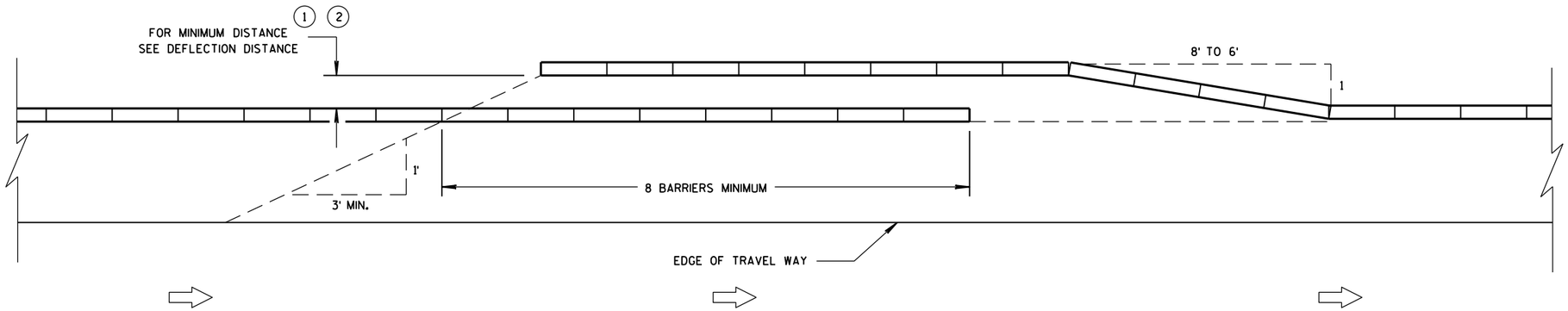
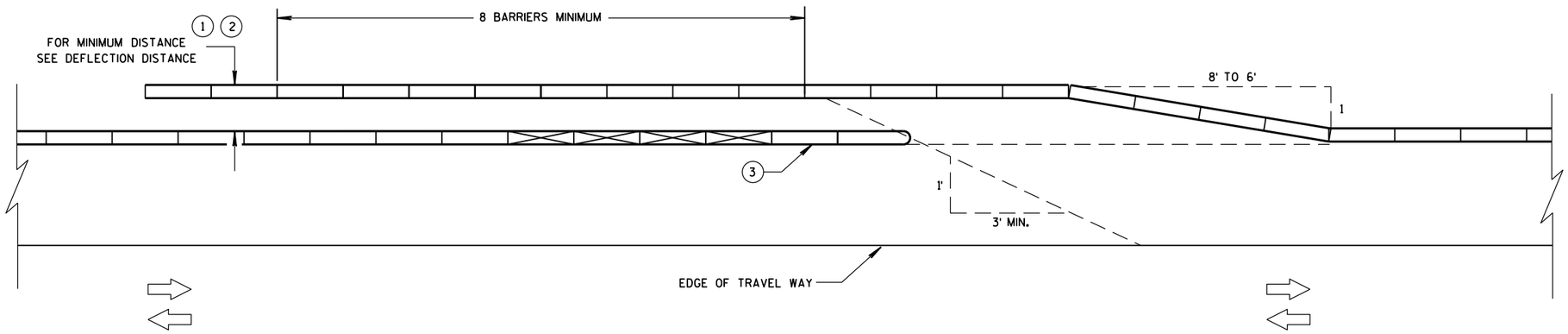
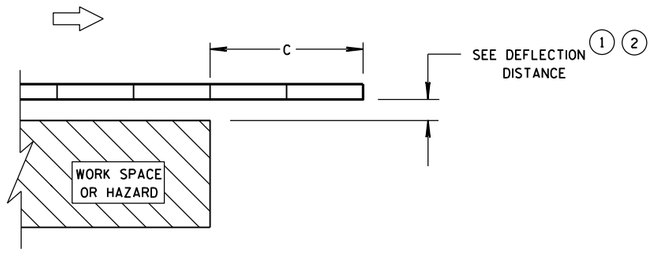
S.D.D. 14 B 8-2b



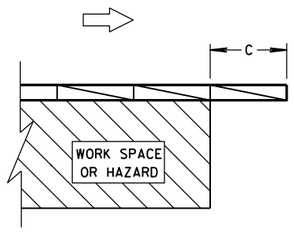
TEMPORARY BARRIER OVERLAP - ONE-WAY TRAFFIC



TEMPORARY BARRIER OVERLAP - TWO-WAY TRAFFIC



ENDING TEMPORARY BARRIER DOWNSTREAM - UNANCHORED



ENDING TEMPORARY BARRIER DOWNSTREAM - ANCHORED

LEGEND

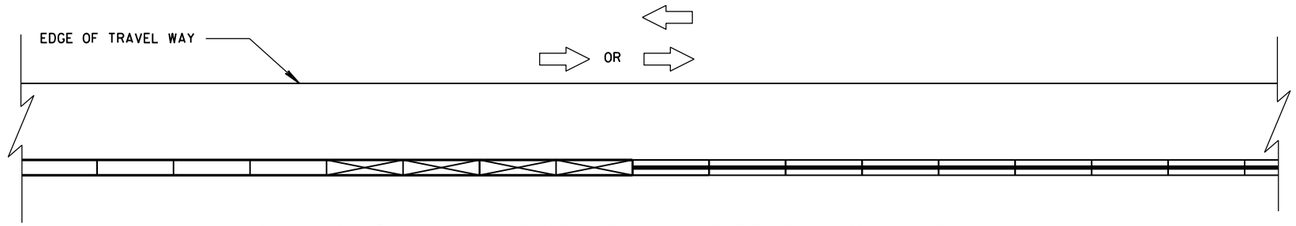
- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

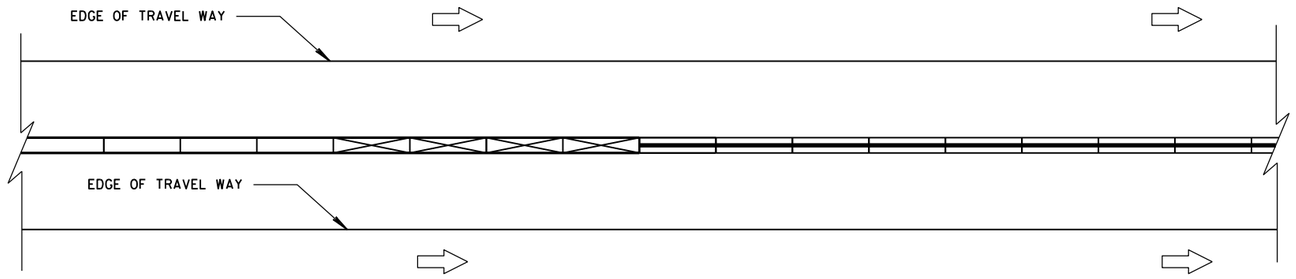
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 8-2c



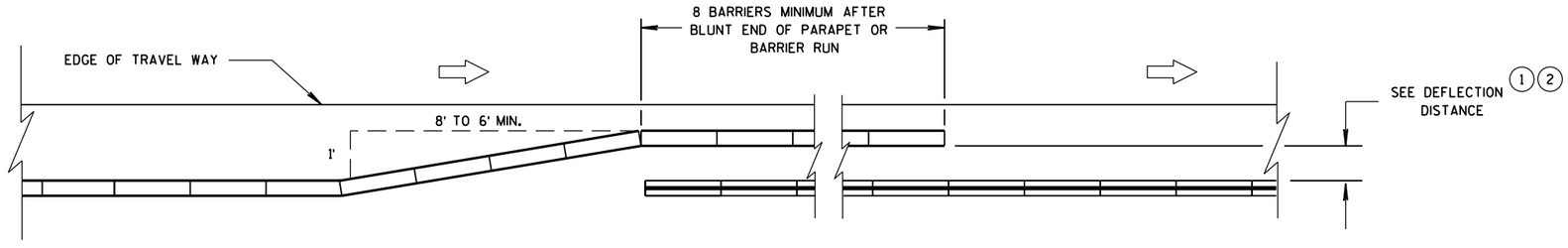
CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON ONE SIDE



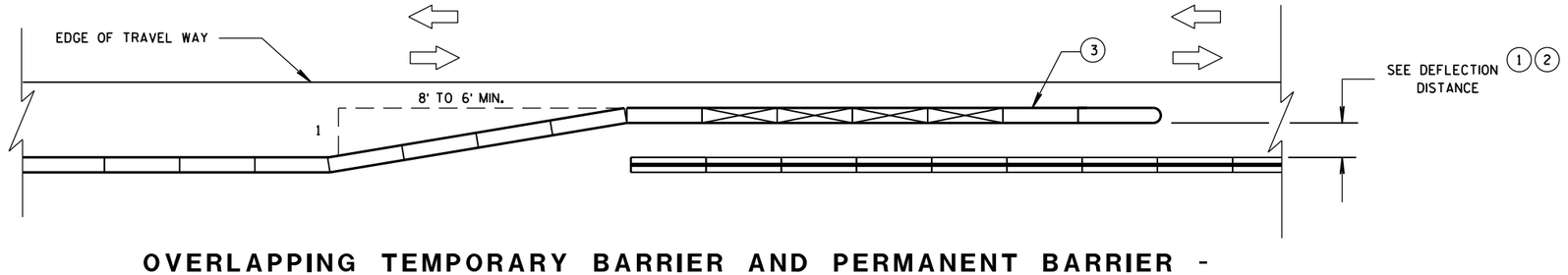
CONNECTING TEMPORARY BARRIER TO PERMANENT
CONCRETE BARRIER-TRAFFIC ON BOTH SIDES

LEGEND

- DIRECTION OF TRAVEL
- CRASH CUSHION OR SAND BARREL ARRAY
- SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS
- SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS
- 3 PINS PLACED ON TRAFFIC SIDE OF BARRIER
- PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET
- FREE STANDING TEMPORARY BARRIER



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
ONE WAY TRAFFIC



OVERLAPPING TEMPORARY BARRIER AND PERMANENT BARRIER -
TWO WAY TRAFFIC

CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 14 B 8-2d

LEGEND

DIRECTION OF TRAVEL

CRASH CUSHION OR SAND BARREL ARRAY

SEE FREE STANDING TRANSITION TO TIED-DOWN SYSTEM DETAILS

SEE BI-DIRECTIONAL TRANSITION TO TIED-DOWN SYSTEM DETAILS

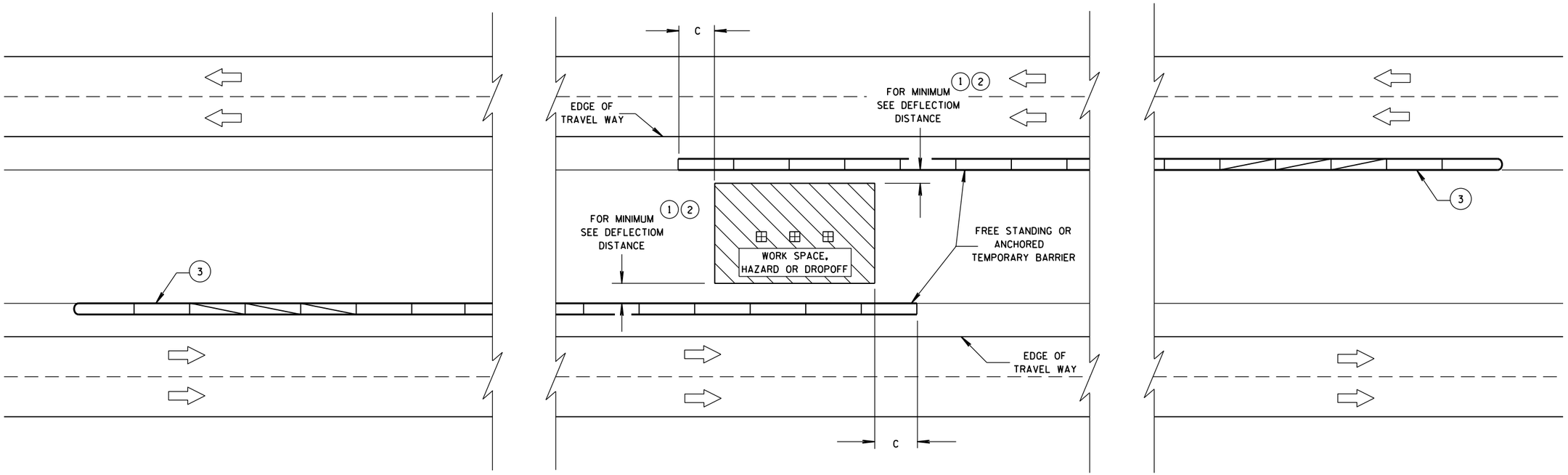
3 PINS PLACED ON TRAFFIC SIDE OF BARRIER

PERMANENT CONCRETE BARRIER OR CONCRETE PARAPET

FREE STANDING TEMPORARY BARRIER

DIMENSION C TABLE (2)

AVAILABLE DEFLECTION DISTANCE	MINIMUM LENGTH OF BARRIER BEYOND HAZARD FT
GREATER THAN 8'	12.5
LESS THAN OR EQUAL TO 8' BUT GREATER THAN 4'	50
LESS THAN OR EQUAL TO 4'	100



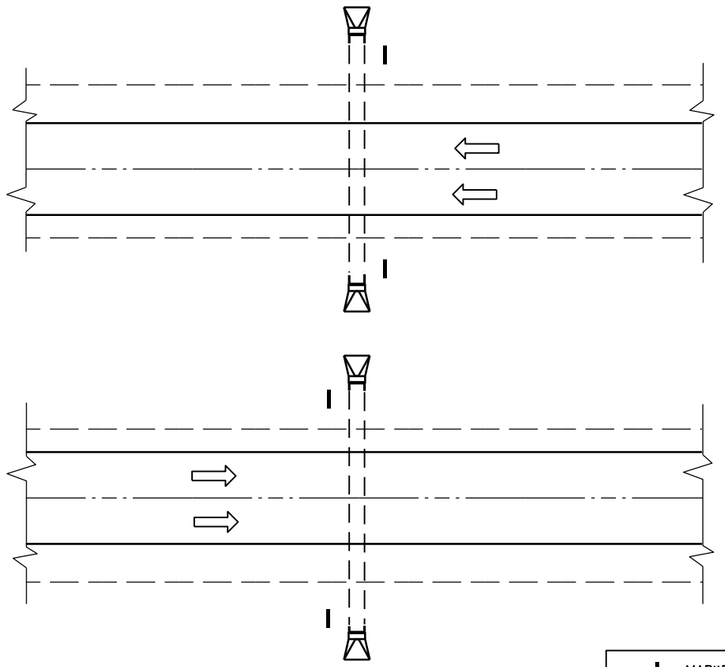
CRASH CUSHION/SAND BARREL ARRAY AND OTHER TEMPORARY BARRIER LAYOUT DETAILS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINNER
FHWA

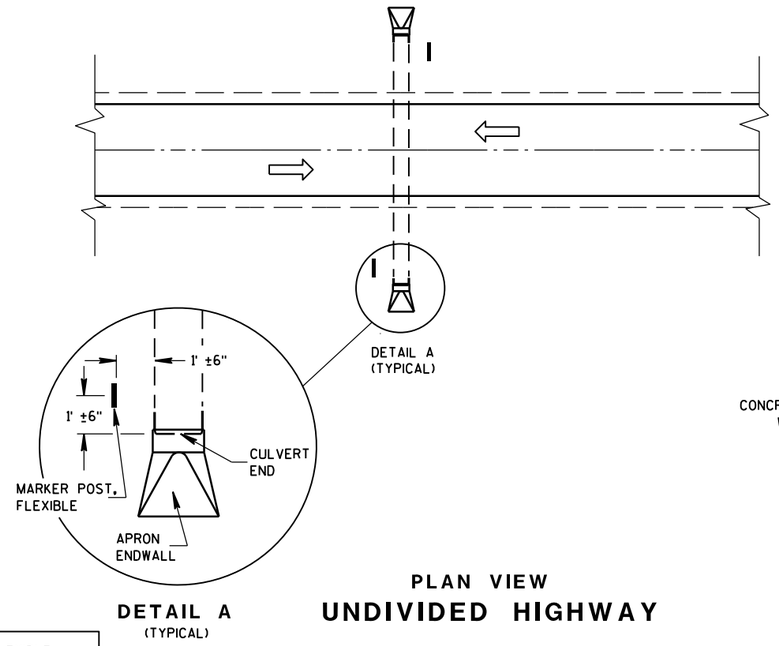
6

S.D.D. 14 B 8-2e



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

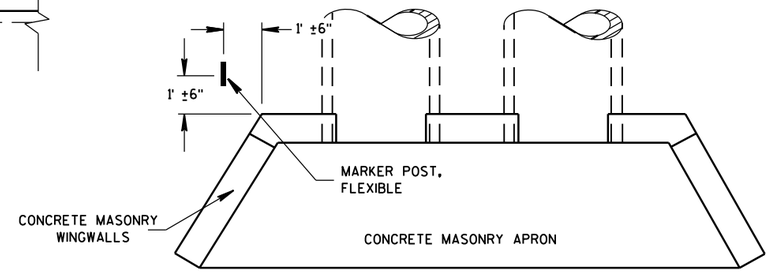
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

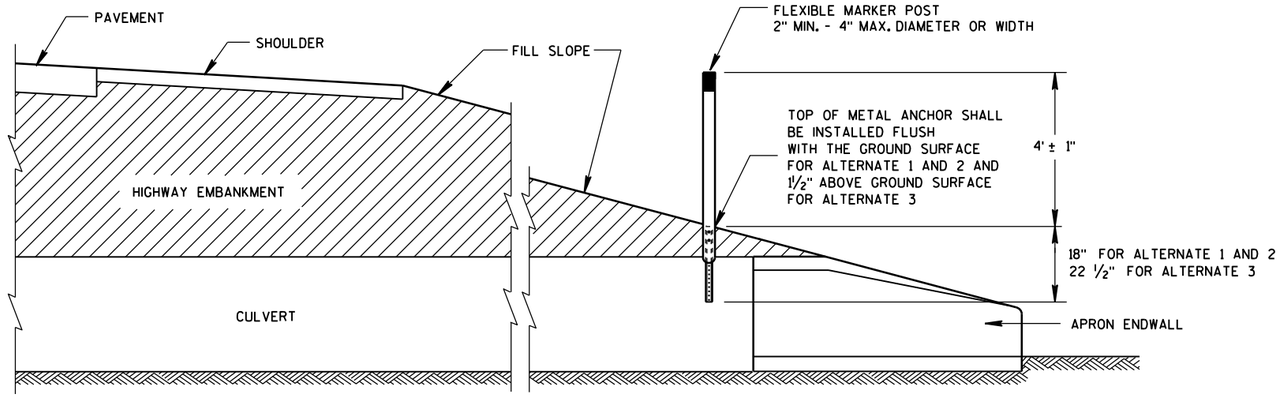
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST
FOR CULVERT END

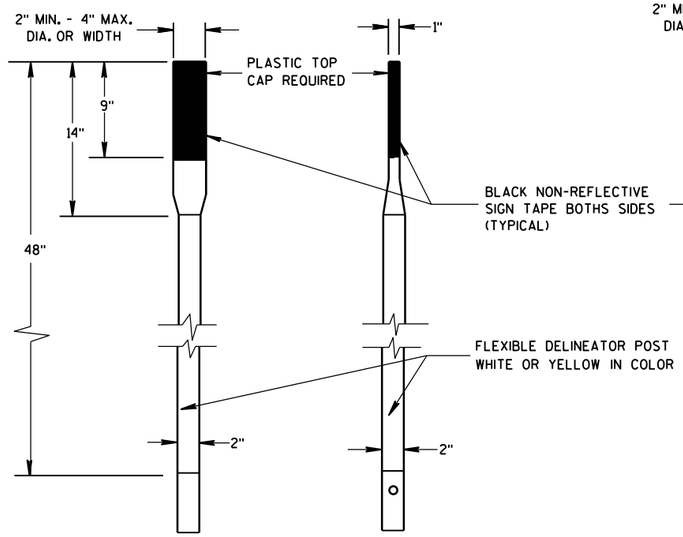
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

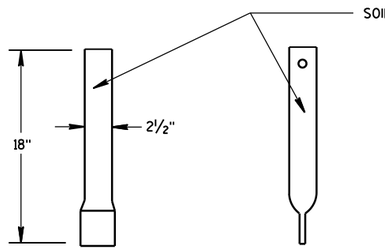
6

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

6

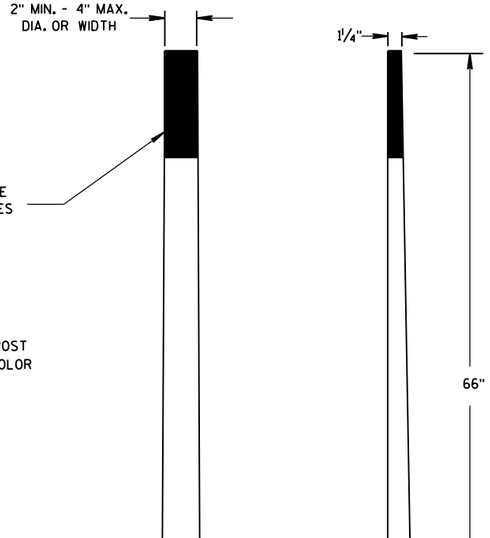
S.D.D. 15 A 3-2a





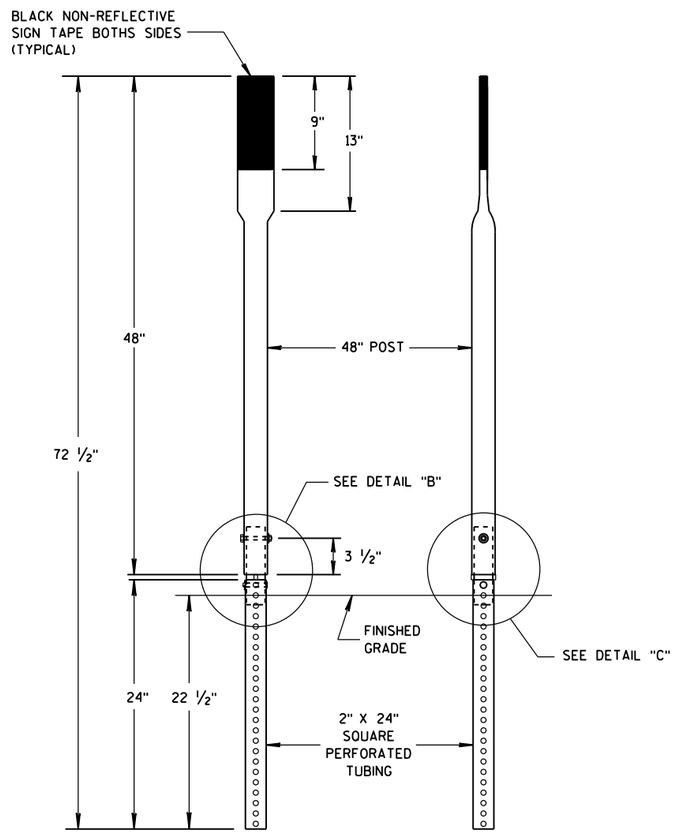
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

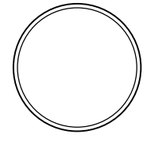
ALTERNATE 2



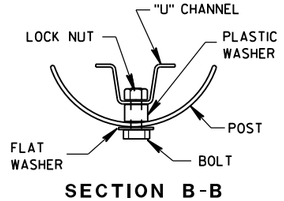
FRONT VIEW SIDE VIEW

ALTERNATE 3

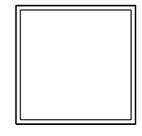
FLEXIBLE MARKER POSTS



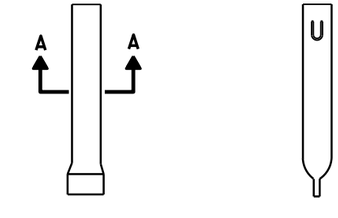
SECTION A-A



SECTION B-B

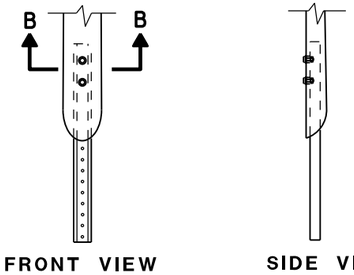


SECTION C-C



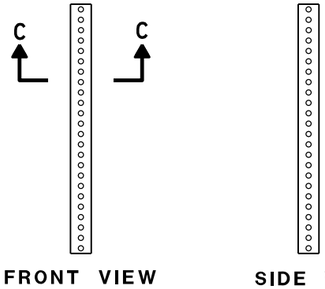
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

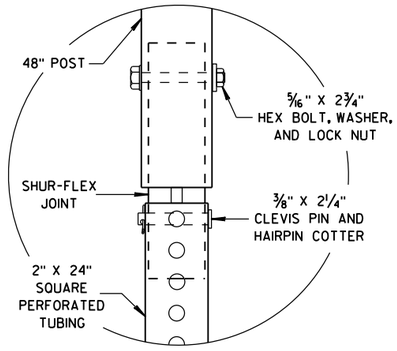
ALTERNATE 2



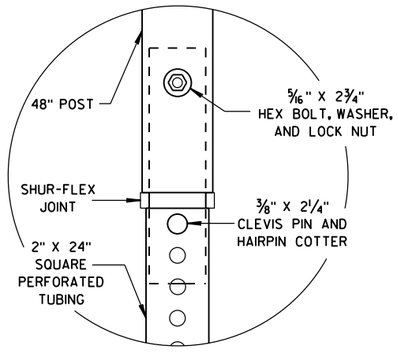
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

6

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

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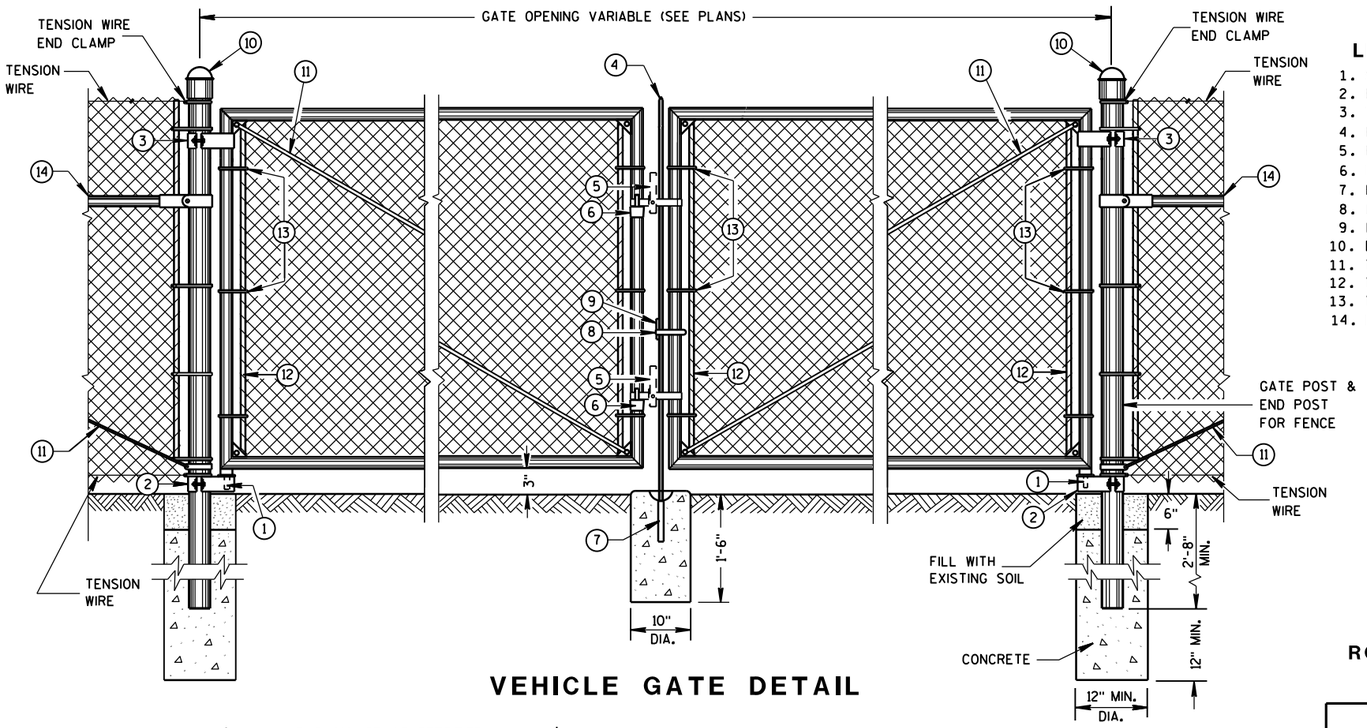
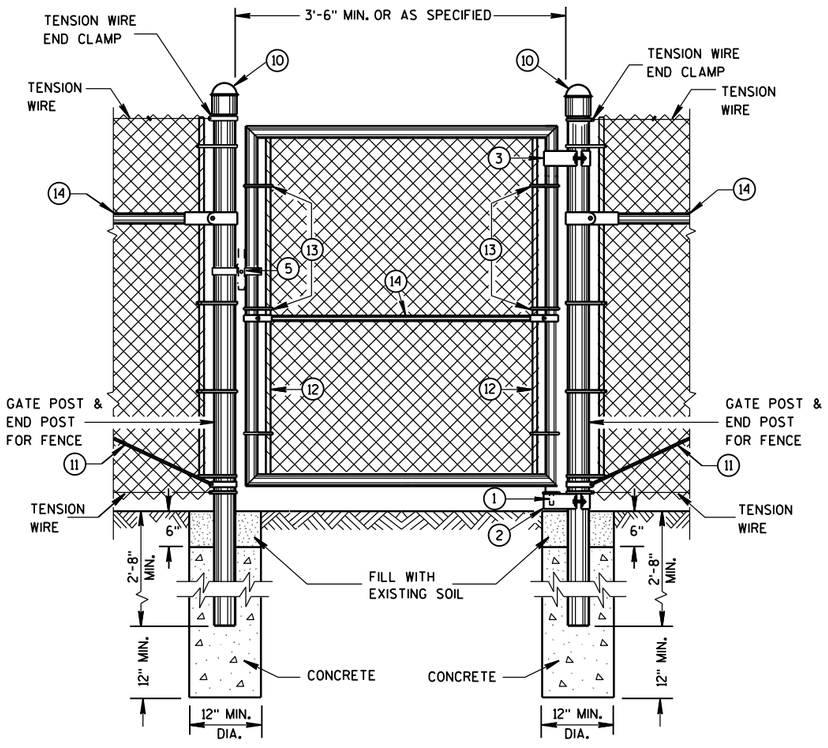
S.D.D. 15 A 3-2b



VEHICLE GATE DETAIL



PEDESTRIAN GATE DETAIL

LEGEND

1. STRAIGHT PLUG
2. BOTTOM HINGE
3. TOP HINGE
4. PLUNGER ROD
5. FULCRUM LATCH
6. FORK CATCH *
7. PLUNGER ROD CATCH
8. LOCK KEEPER GUIDE
9. LOCK KEEPER
10. DOME TOPS
11. TRUSS RODS
12. TENSION BAR
13. TENSION BANDS
14. BRACE RAIL

*NOT REQUIRED ON SINGLE SWING PEDESTRIAN GATE

GENERAL NOTES

FENCE POSTS INSTALLED ON CONCRETE WALLS SHALL BE ANCHORED INTO EMBEDDED METAL SLEEVES OR CORED HOLE BY FILLING THE ANNULAR SPACE WITH PEA GRAVEL FOLLOWED BY AN EPOXY RESIN ADHESIVE. THE EPOXY RESIN ADHESIVE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 235, CLASS A, B OR C.

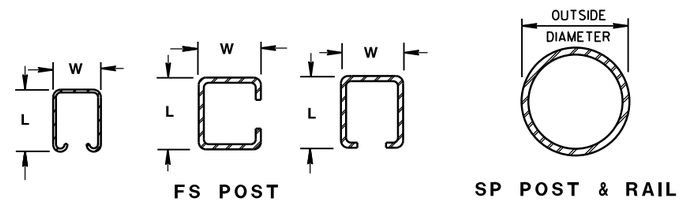
USE FENCE FABRIC KNUCKLED AT BOTH SELVAGES.

FOR LEAF GATES GREATER THAN 8 FEET WIDE, INSTALL INTERIOR VERTICAL BRACE RAIL AT 8 FOOT INTERVALS.

FOR FABRIC HEIGHTS GREATER THAN 8 FEET, INSTALL INTERIOR HORIZONTAL BRACE RAILS TO LEAF GATE.

MAXIMUM SAG FOR OUTER GATE MEMBER SHALL NOT EXCEED THE GREATER OF 1% OF THE LEAF GATE WIDTH OR 2 INCHES.

USE TYPE 2, CLASS 3, MARCELLED/CRIMPED, TENSION WIRE PER ASTM A 817.



CROSS SECTIONS OF POSTS AND RAILS

REQUIRED FENCE POST SIZES

USE	FABRIC HEIGHTS FEET	POST TYPE
TERMINAL POSTS **	LESS THAN OR EQUAL TO 6 FT.	SP3
	GREATER THAN OR EQUAL TO 6 FT.	SP4
LINE POSTS	LESS THAN OR EQUAL TO 6 FT.	SP2
	LESS THAN OR EQUAL TO 8 FT.	SP3
	GREATER THAN OR EQUAL TO 8 FT.	SP4
	LESS THAN OR EQUAL TO 8 FT.	FS2 OR FS2†
	GREATER THAN OR EQUAL TO 8 FT.	FS3

BRACE RAIL TYPES

USE		TYPE
BRACE RAIL		SP1 OR FS1

** INCLUDES END, CORNER, ANGLE, INTERSECTION AND INTERMEDIATE BRACED POSTS

ROLLED-FORMED STEEL FENCE POST (2.0 OZ./SQ. FT. COATING)

POST TYPE	LENGTH (L) INCH	WIDTH (W) INCH	WEIGHT LBS/FT
FS1	1.625	1.25	1.35
FS2†	1.875	1.625	1.850
FS2	1.875	1.625	2.400
FS3	2.250	1.700	2.780

REQUIRED POST SIZE FOR GATES

USE	LEAF WIDTHS FEET	POST TYPE
GATES	LESS THAN OR EQUAL TO 6 FT.	SP4
	LESS THAN OR EQUAL TO 13 FT.	SP5
	LESS THAN OR EQUAL TO 18 FT.	SP6
	LESS THAN OR EQUAL TO 23 FT.	SP7

ROUND STEEL FENCE POST (1.8 OZ./SQ. FT. COATING)

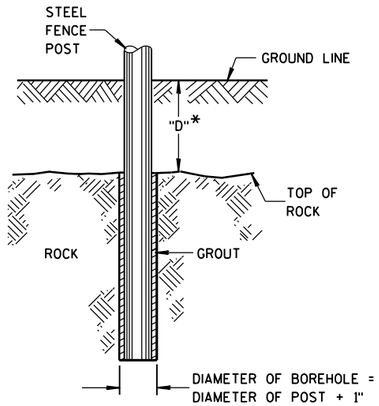
POST TYPE	OUTSIDE DIMENSION INCH	WALL THICKNESS INCH	WEIGHT LBS/FT
SP1	1.660	0.140	2.270
SP2	1.900	0.145	2.720
SP3	2.375	0.154	3.650
SP4	2.875	0.203	5.800
SP5	4.000	0.226	9.120
SP6	6.625	0.280	18.990
SP7	8.625	0.322	28.580

FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

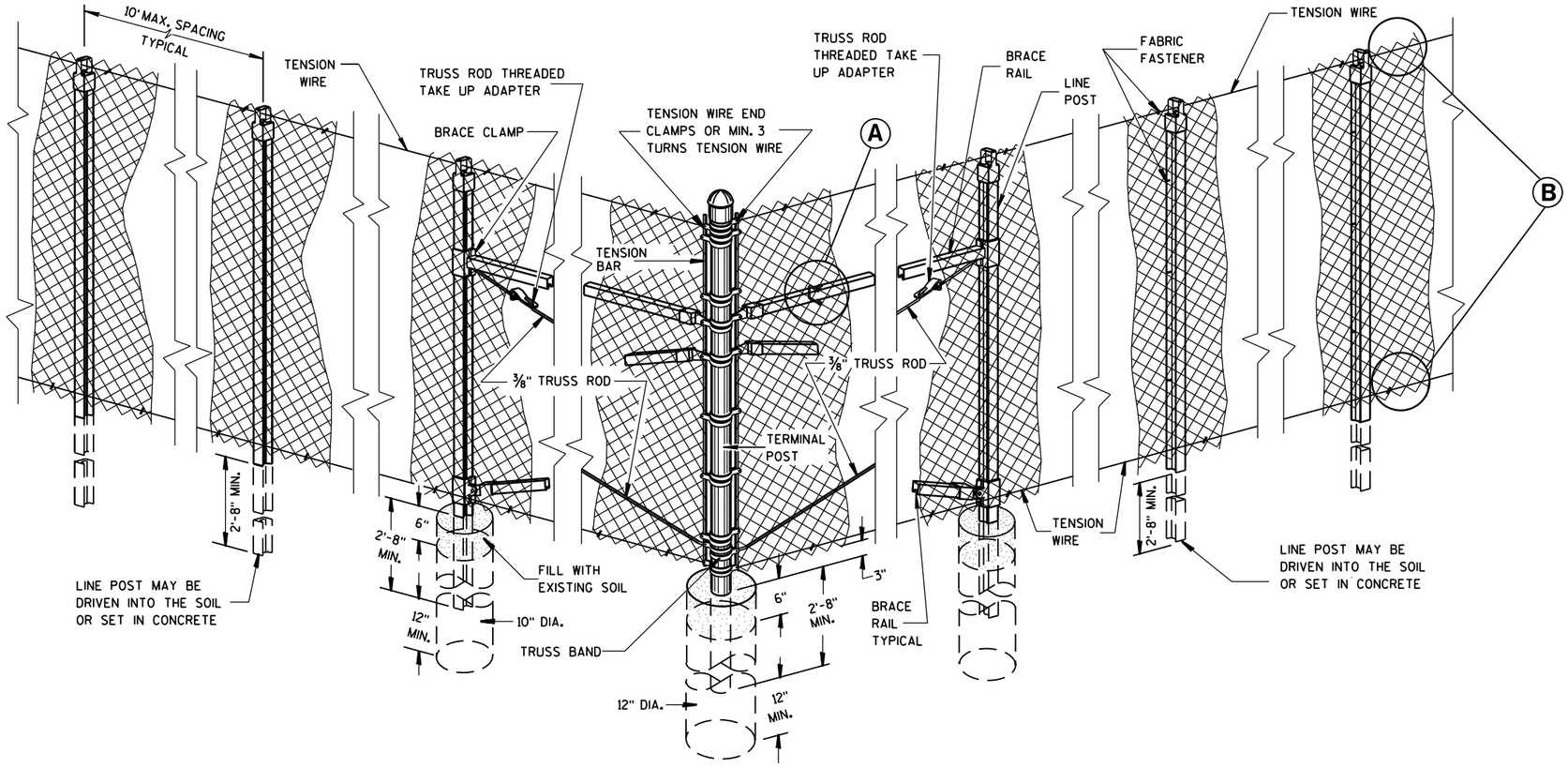
6

S.D.D. 15 B 3-15a

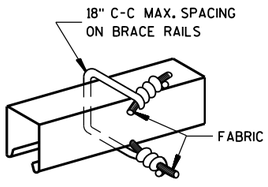


*IF "D" IS LESS THAN 2'-6", DRILL ROCK AND INSTALL GROUT

ROCK INSTALLATION OF LINE POST



END, CORNER, ANGLE INTERSECTION & INTERMEDIATE BRACED POSTS



BRACE RAIL

FABRIC FASTENER

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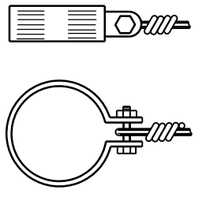
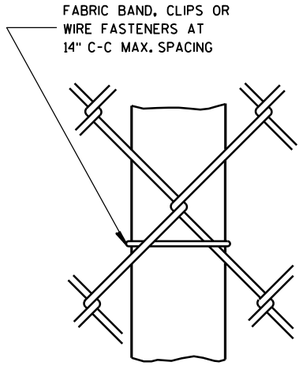


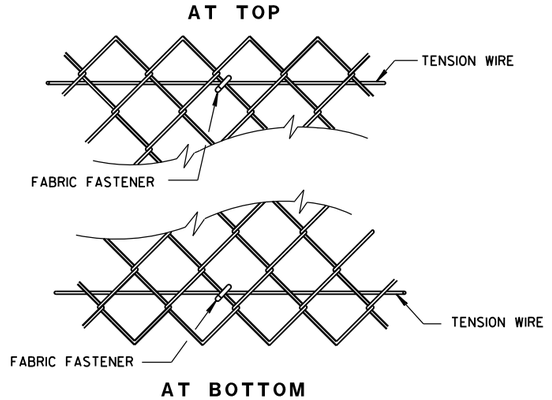
TENSION WIRE END CLAMP



LINE POST

FABRIC FASTENER

AT TOP



AT BOTTOM

SELVAGES

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FENCE CHAIN LINK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

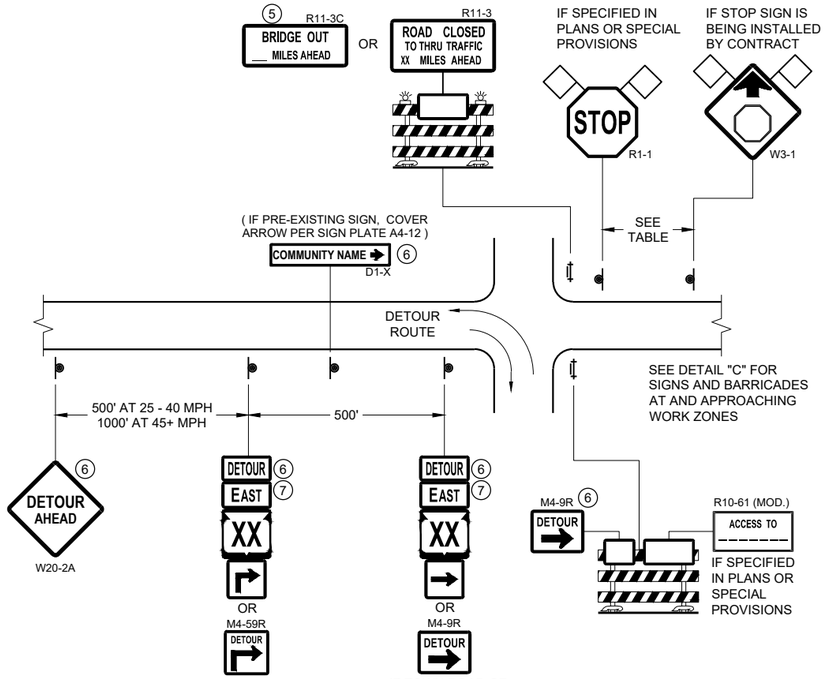
APPROVED
FEB. 2015 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 15 B 3-15b

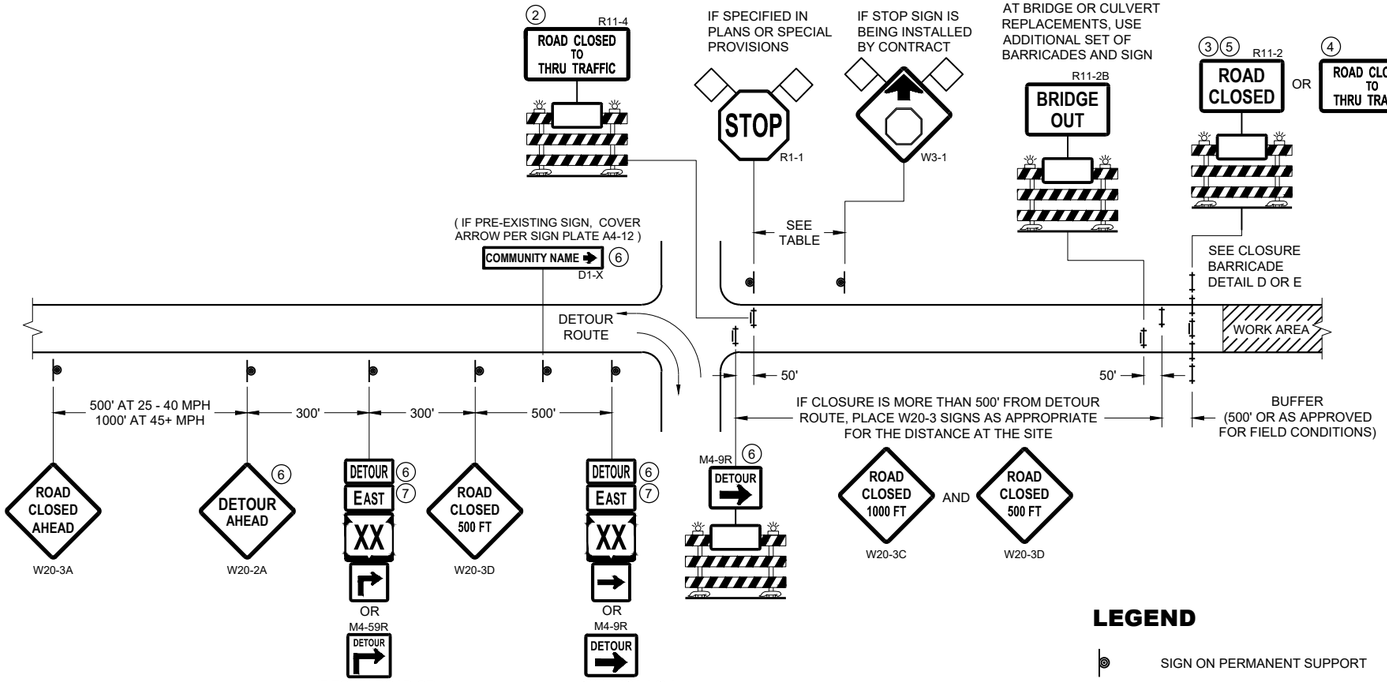
6

S.D.D. 15 B 3-15b



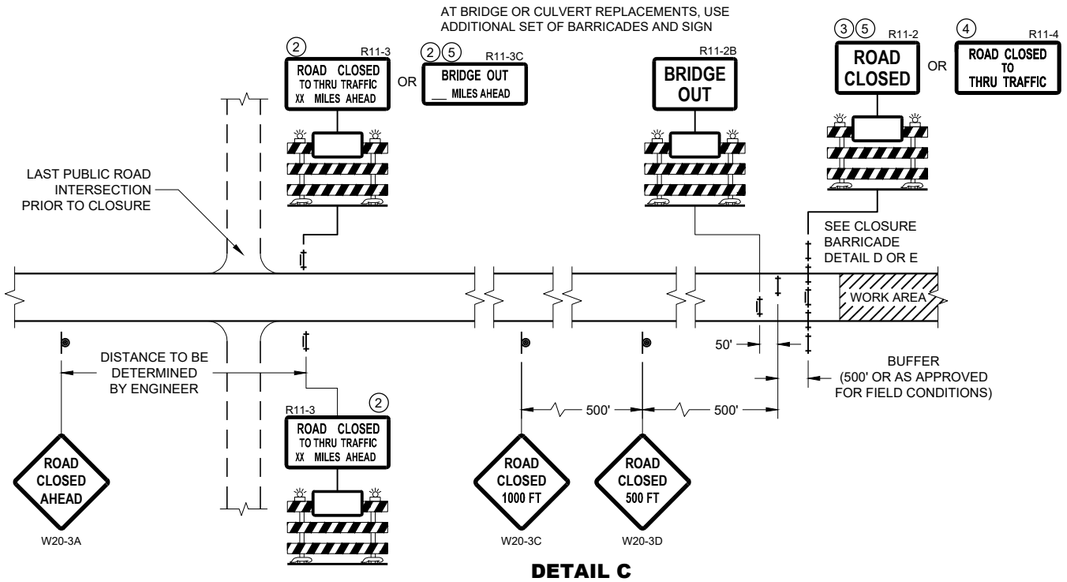
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

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



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

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

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

LEGEND

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

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

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

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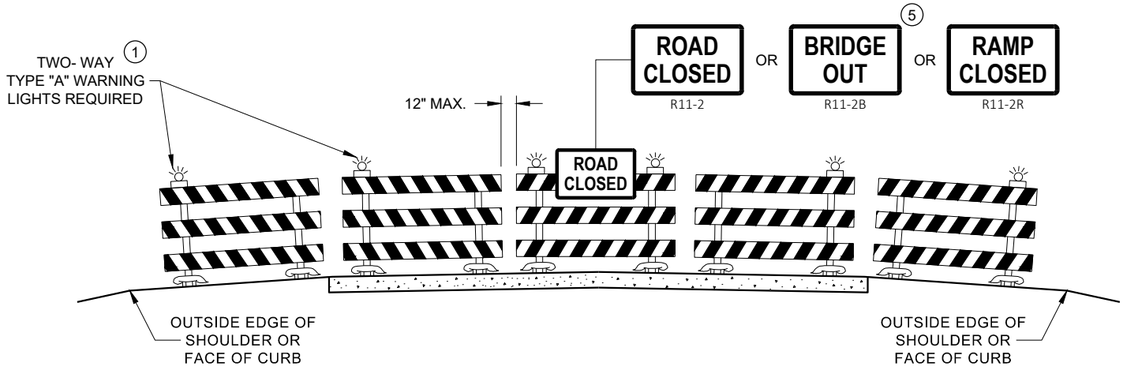
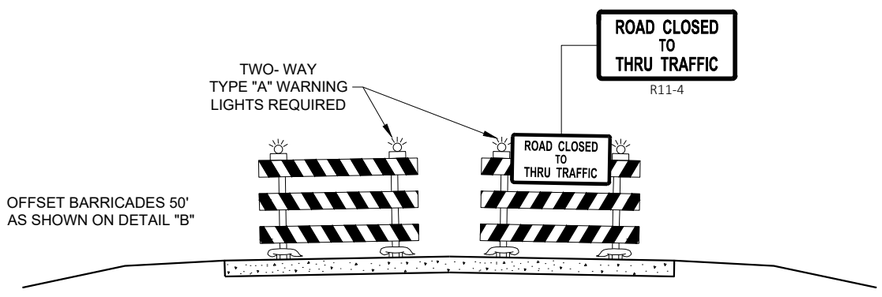
SDD 15C02 - 09a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

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

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

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

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

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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SDD 15C02 - 09b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

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

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

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

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

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

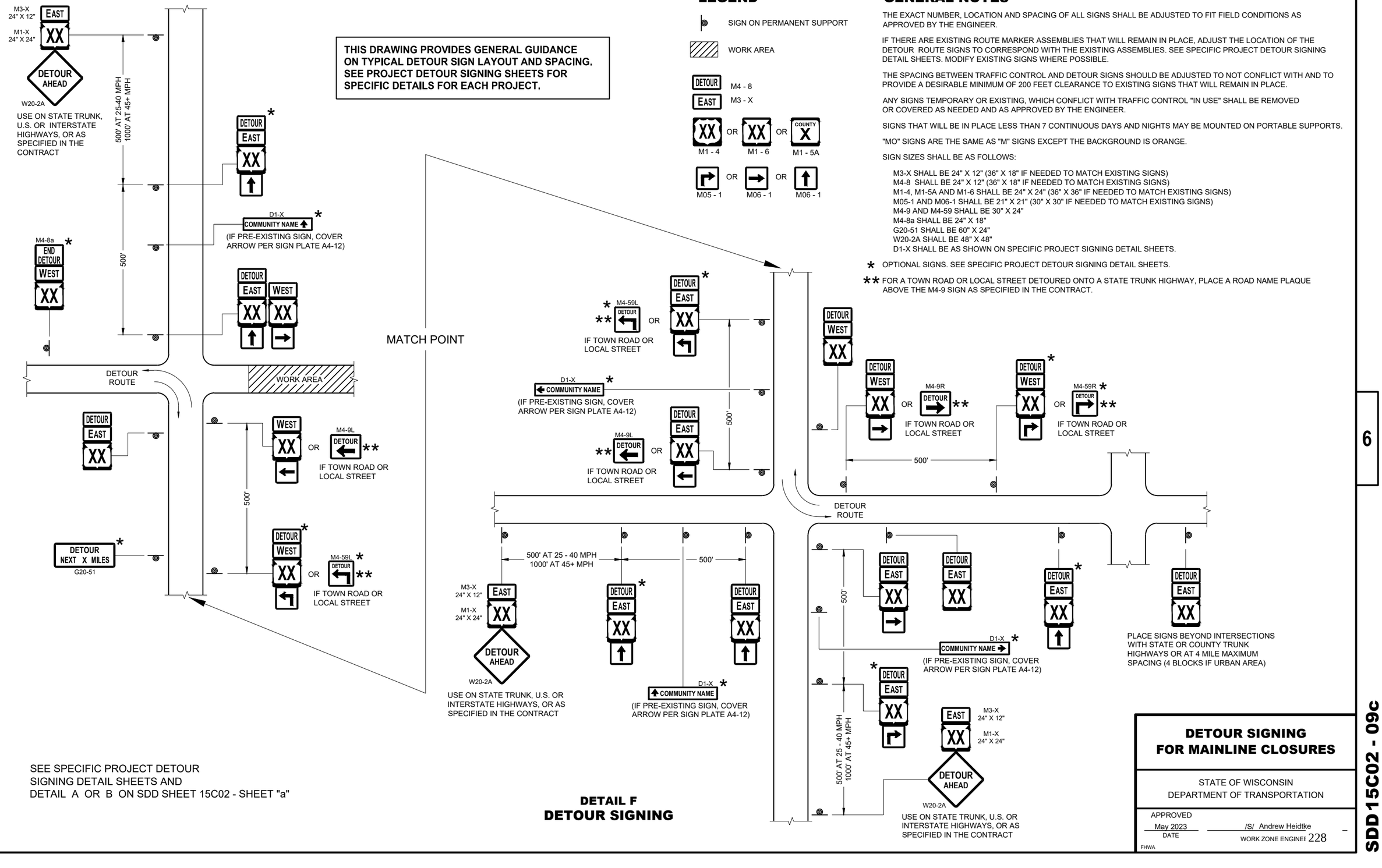
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT



SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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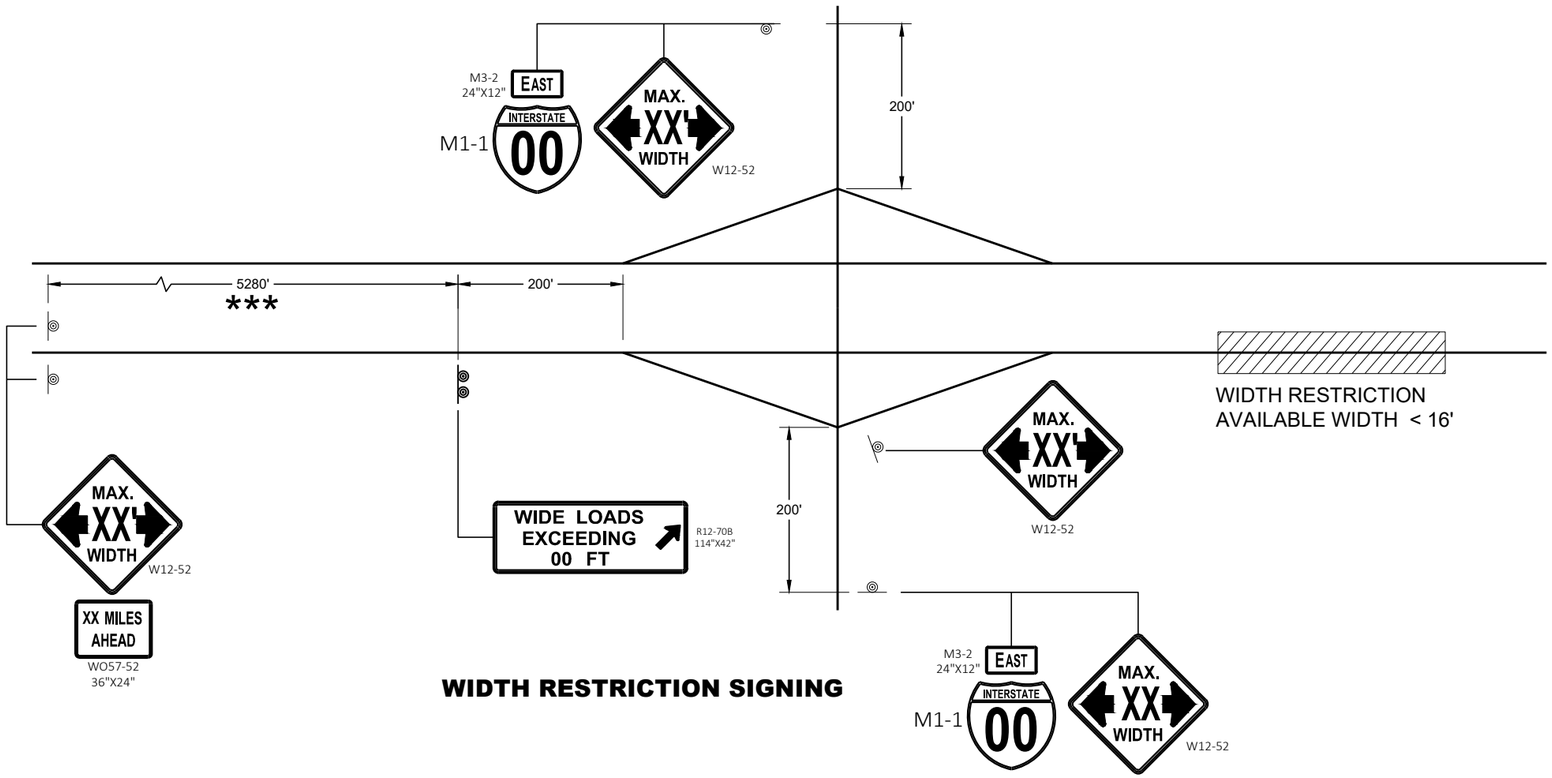
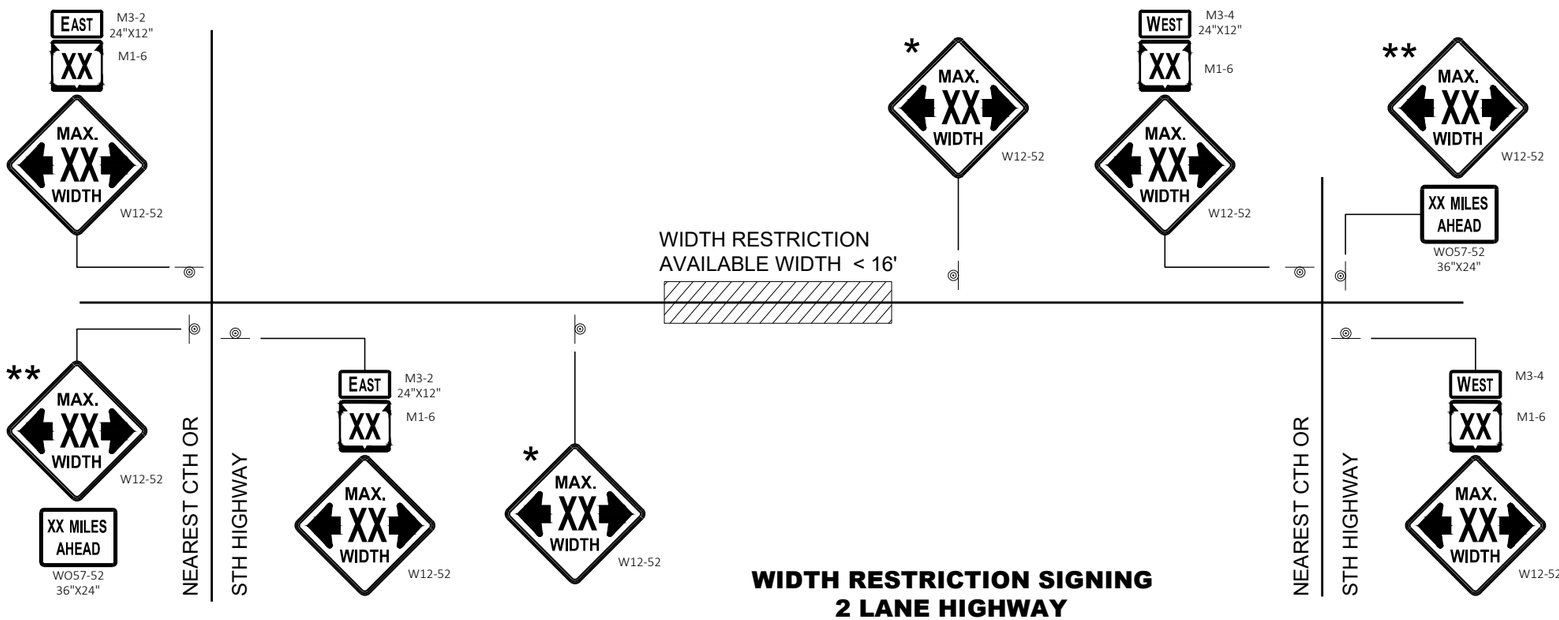
SDD 15C02 - 09c

SDD 15C02 - 09c



WIDTH RESTRICTION SIGNING



WIDTH RESTRICTION SIGNING
2 LANE HIGHWAY

LEGEND

◎ SIGN ON PERMANENT SUPPORT

GENERAL NOTES

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

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

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

WIDTH ON SIGN TO BE APPROXIMATELY ONE FOOT LESS THAN AVAILABLE WIDTH.

* PLACE 500 FEET AFTER THE W20 - 1A AND 500 FEET BEFORE ADDITIONAL SIGNS FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT TYPICAL SPACING.

** SIGN SHALL BE VISIBLE FROM ROADWAY.

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

WIDTH ON SIGN TO BE APPROX. 1 - FOOT LESS THAN AVAILABLE WIDTH

ADVANCED WIDTH RESTRICTION SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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SDD 15C02 - 09f

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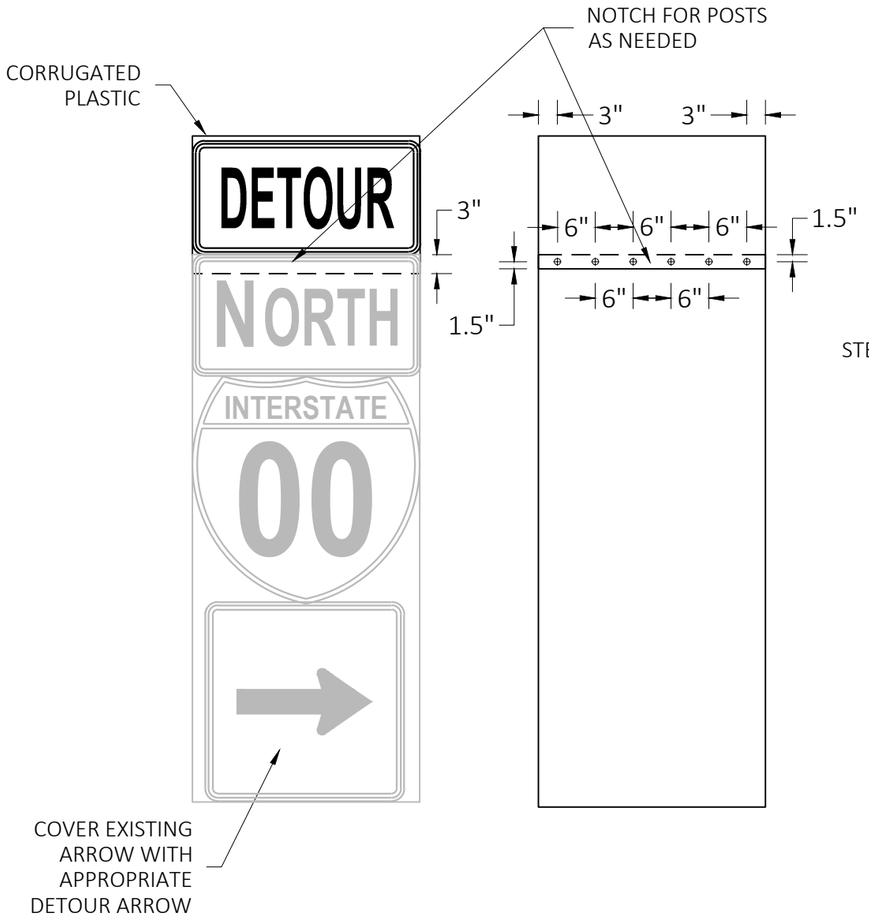
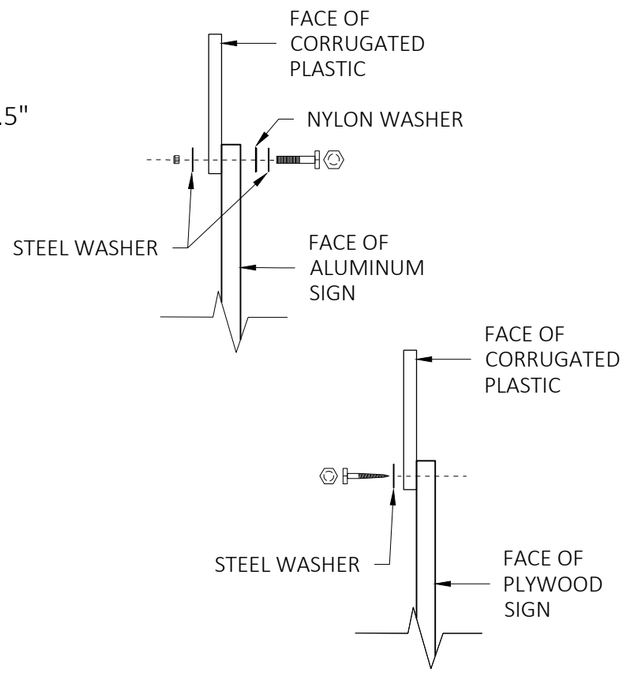
SDD 15C02 - 09f

FRONT SIDE

BACK SIDE

SIDE VIEW





GENERAL NOTES

CELLS OF CORRUGATED PLASTIC SHALL BE VERTICALLY ORIENTED.

PROVIDE A 0.4-INCH THICK BASE CORRUGATED PLASTIC WITH A 0.035-INCH WALL THICKNESS AND 0.4-INCH CELL SIZE.

FOR 36" WIDE SIGNS: USE 6 FASTENERS AS SHOWN.

FOR 24" WIDE SIGNS: USE 4 FASTENERS WITH EDGE SPACING AS SHOWN AND 6" SPACING BETWEEN FASTENERS.

METAL WASHERS, NUTS, BOLTS AND LAGS SHALL HAVE HEXAGONAL HEADS AND SHALL BE EITHER:

A. HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: A 153, CLASS D, OR SC 3.

B. ELECTRO-GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION: B 633, TYPE III, SC3

THREADS ON BOLTS AND NUTS SHALL BE MANUFACTURED WITH SUFFICIENT ALLOWANCE FOR THE CADMIUM PLATE OR GALVANIZED COATING TO PERMIT THE NUTS TO RUN FREELY ON THE BOLTS.

PLYWOOD SIGNS:
LAG SCREWS - 5/16" x 1"
ALUMINUM SIGNS:
MACHINE BOLTS - 5/16" x 1-1/4" LENGTH W/NUTS
WASHERS:
1-1/4" O.D. x 3/8" I.D. x 1/16" STEEL
1-1/4" O.D. x 3/8" I.D. x .080 NYLON

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVEL ENGINEER
FHWA

6
SDD 15C02-09h

GENERAL NOTES

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

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

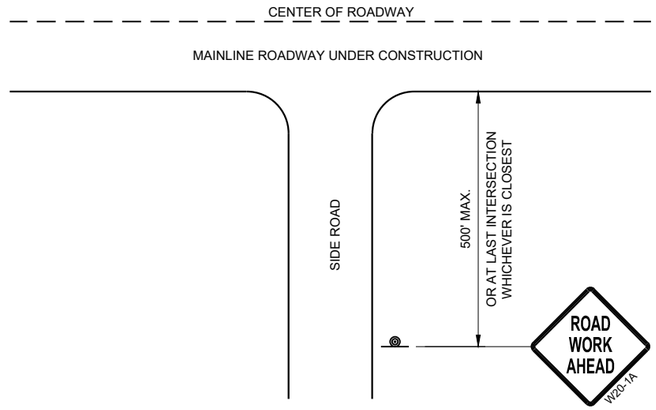
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

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

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



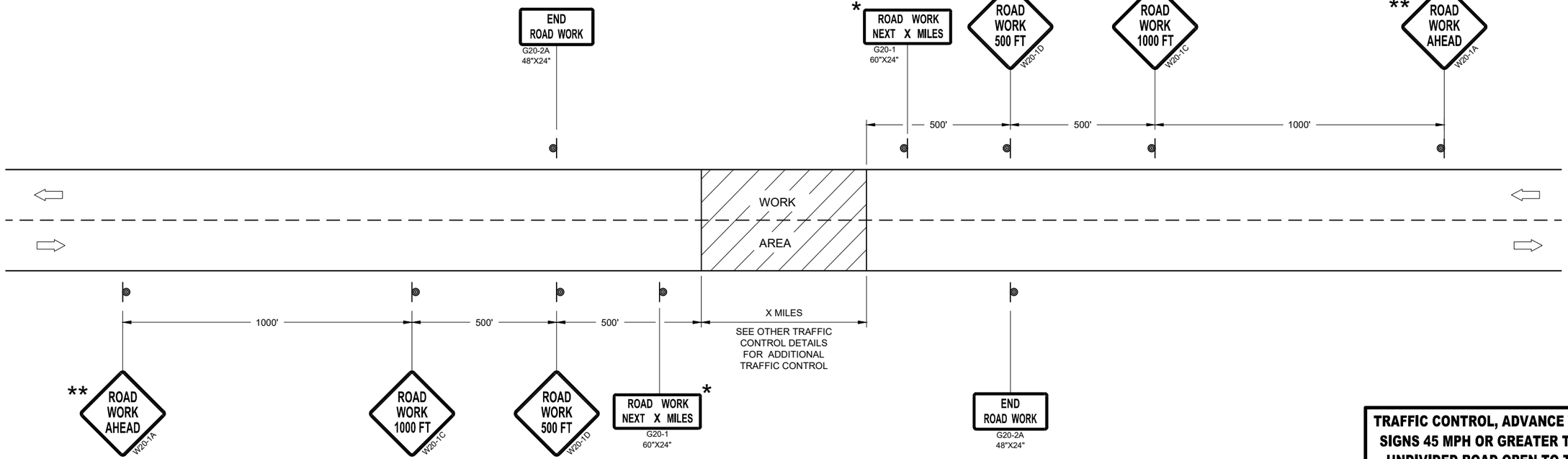
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C04 - 05

GENERAL NOTES

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

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

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

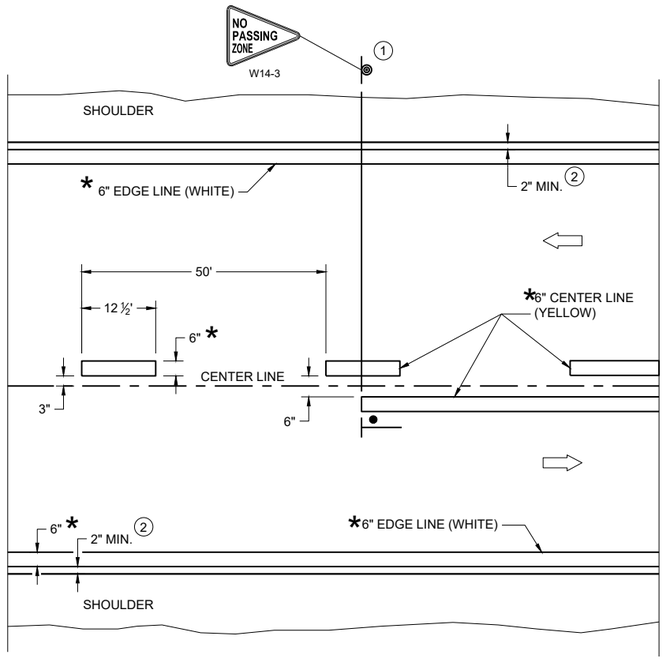
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

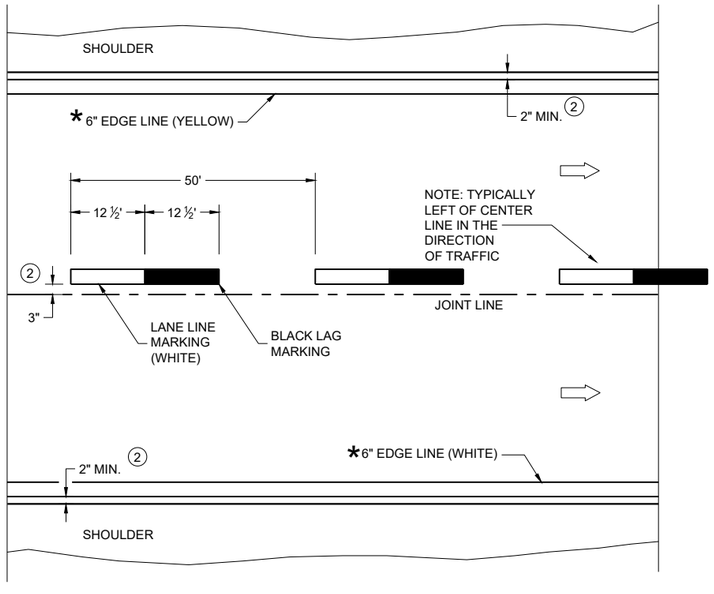
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

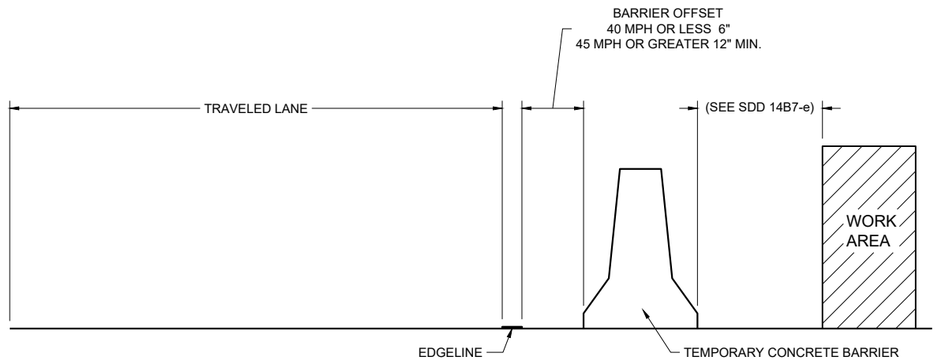
May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

SDD 15C08-23a

SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

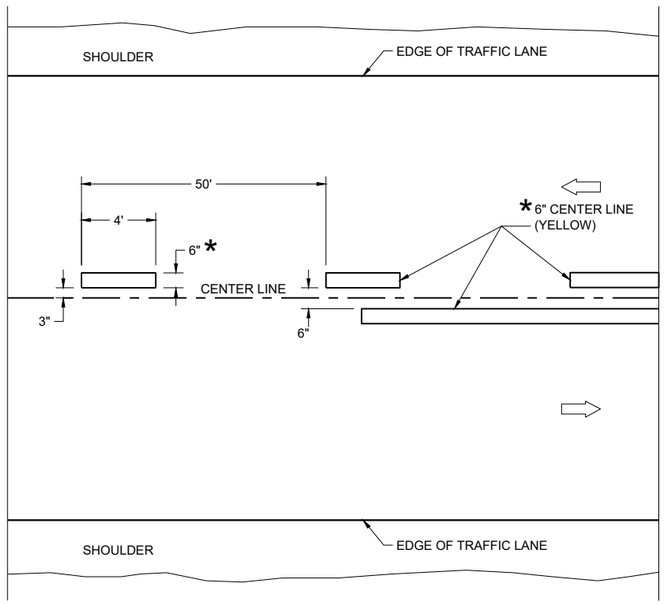
GENERAL NOTES

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

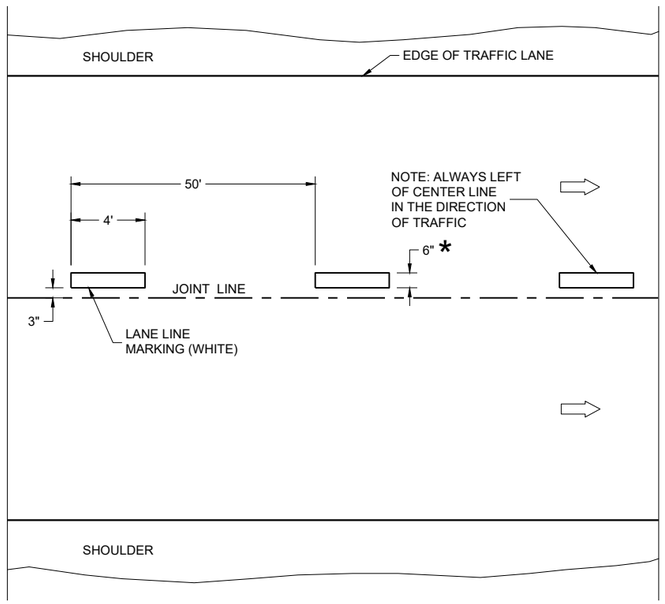
LEGEND

DIRECTION OF TRAFFIC

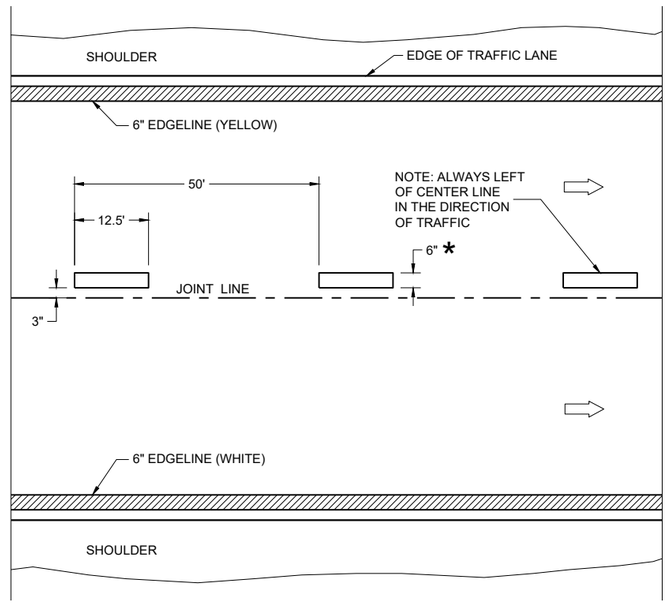
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

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SDD 15C08-23b

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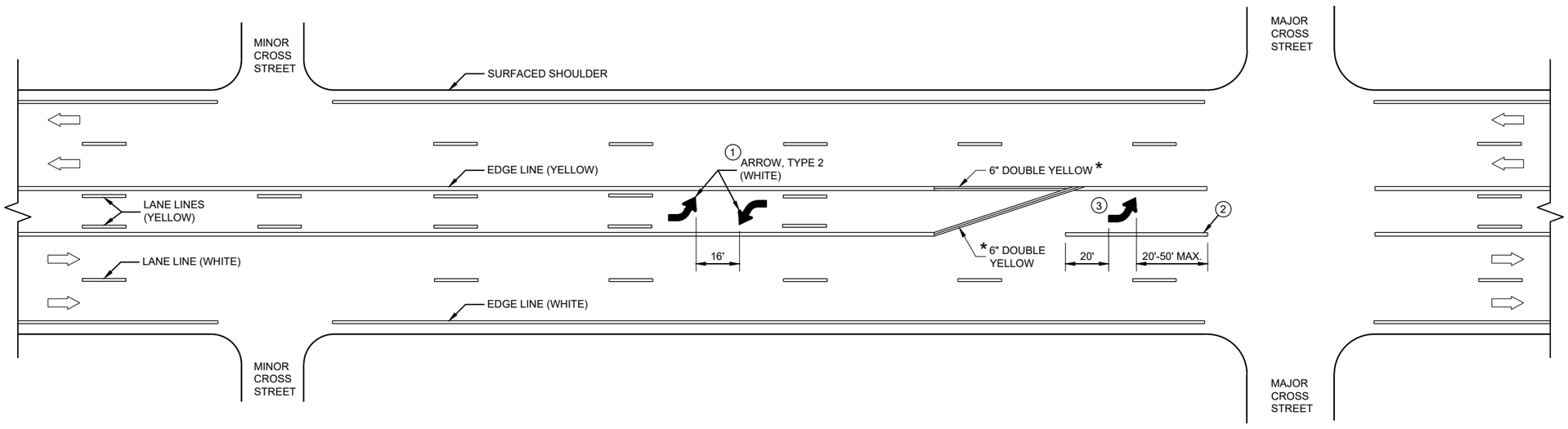
SDD 15C08-23b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY LEFT TURN LANE

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA· 234

SDD 15C08-23c

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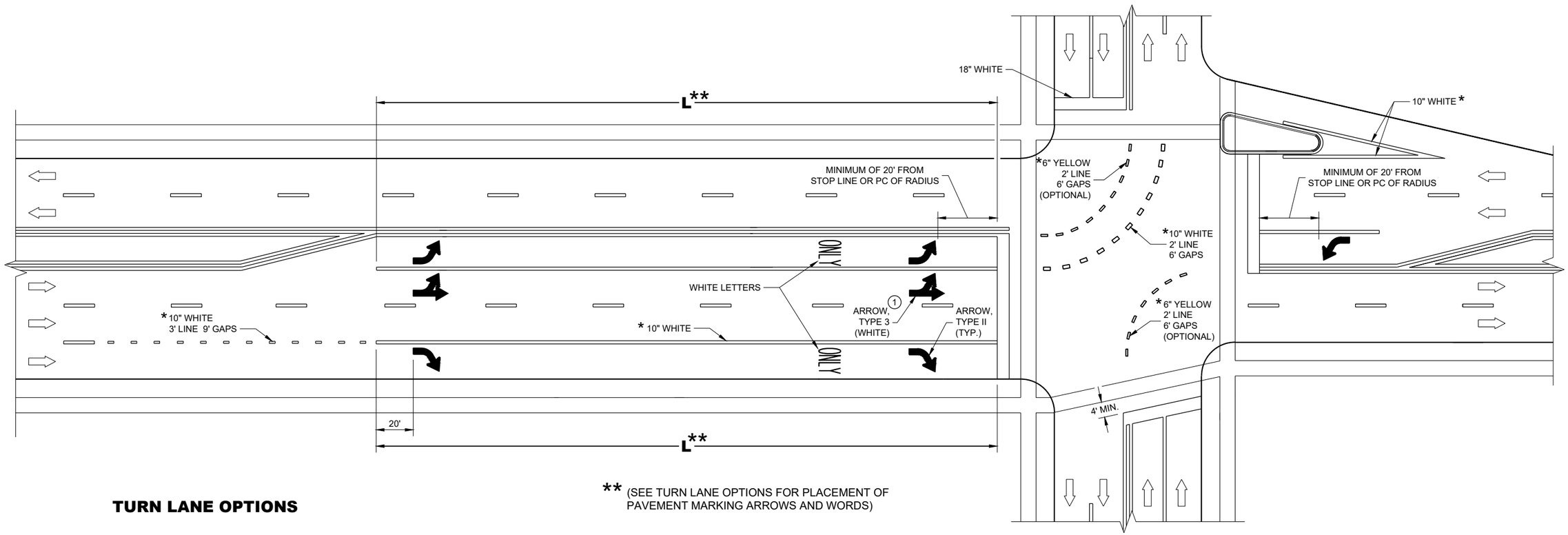
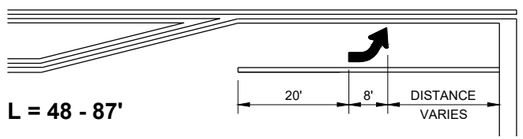


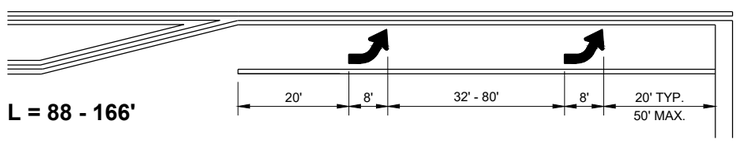
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

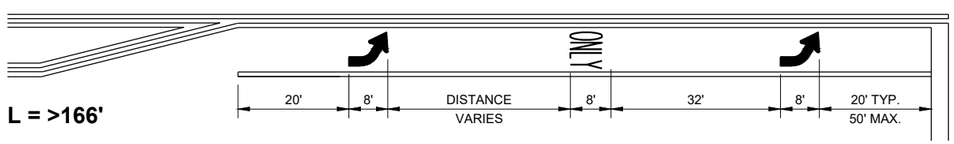
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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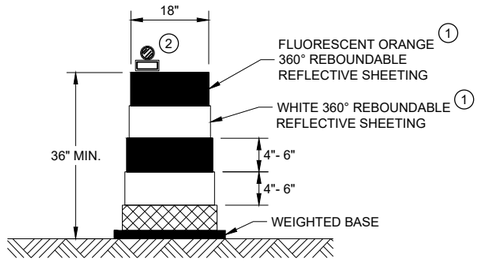
SDD 15C08-23d

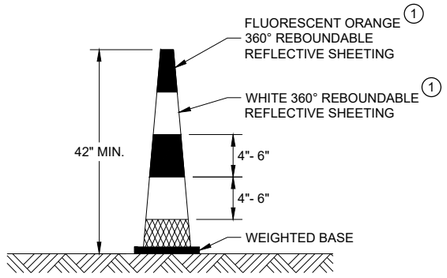
GENERAL NOTES

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



DRUM

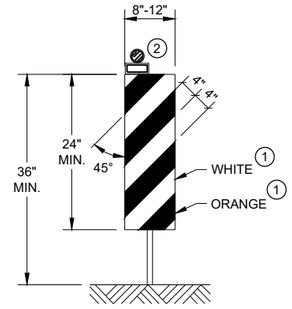
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

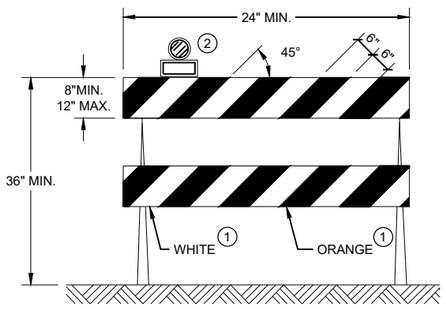
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



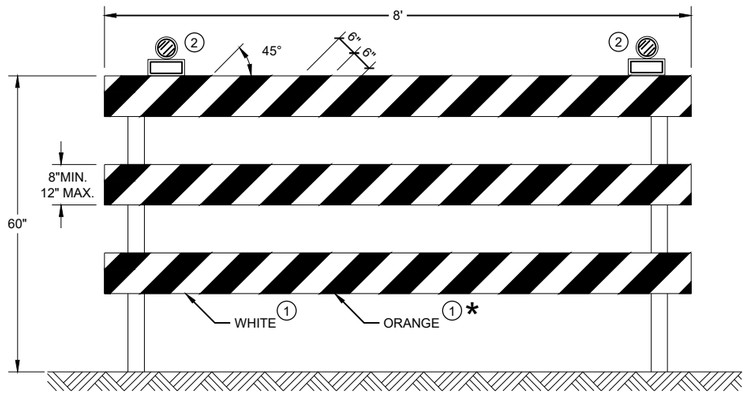
VERTICAL PANEL

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



TYPE II BARRICADE

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



TYPE III BARRICADE

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

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES
DRUMS, CONES, BARRICADES
AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

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SDD 15C11 - 10b

6

SDD 15C11 - 10b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

GENERAL NOTES

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

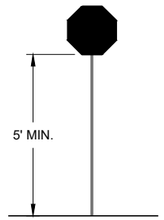
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.



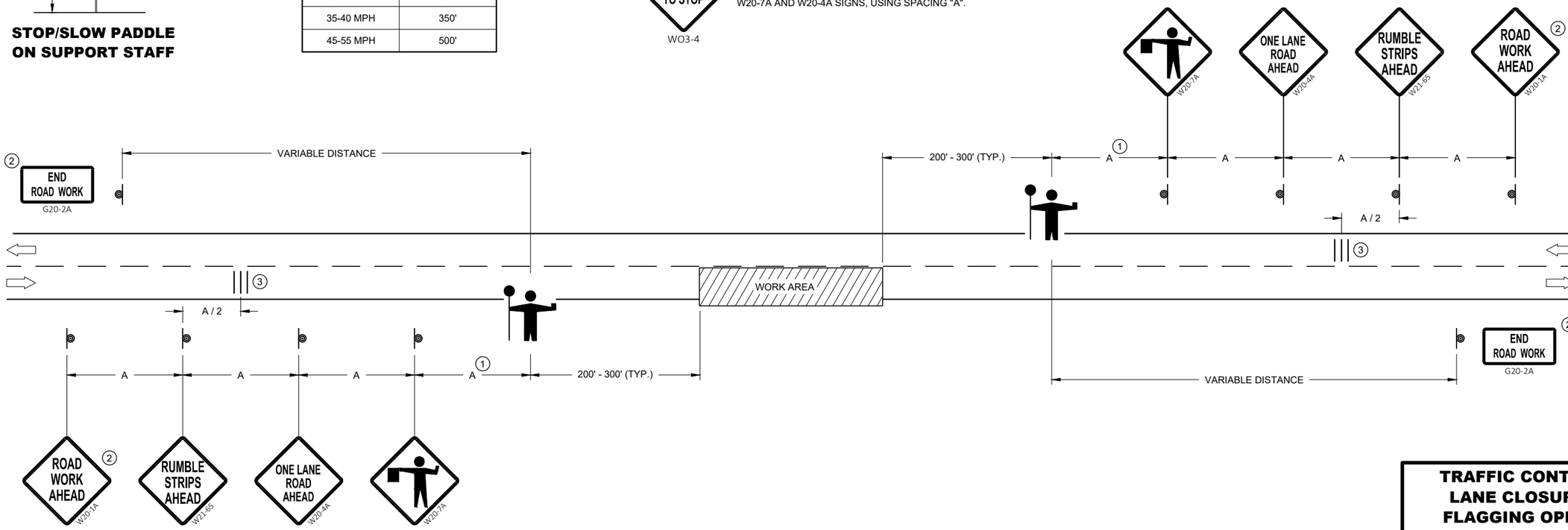
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C12 - 09a

6

SDD 15C12 - 09a

LEGEND

V1 MARKING VEHICLE

V2 SHADOW VEHICLE

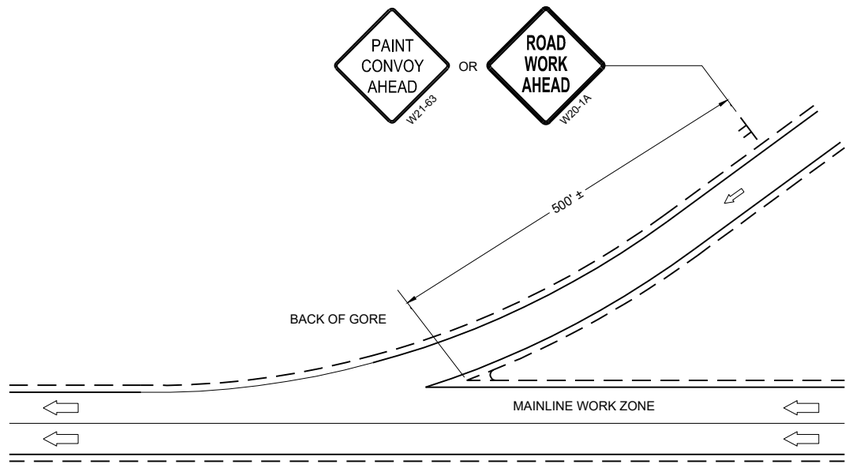
V3 TRAIL VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (MERGE)



GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE.

IF THE SHOULDER IS TOO NARROW TO ACCOMMODATE THE LAST TRAILING VEHICLE, THE VEHICLE SHOULD STRADDLE THE EDGE LINE.

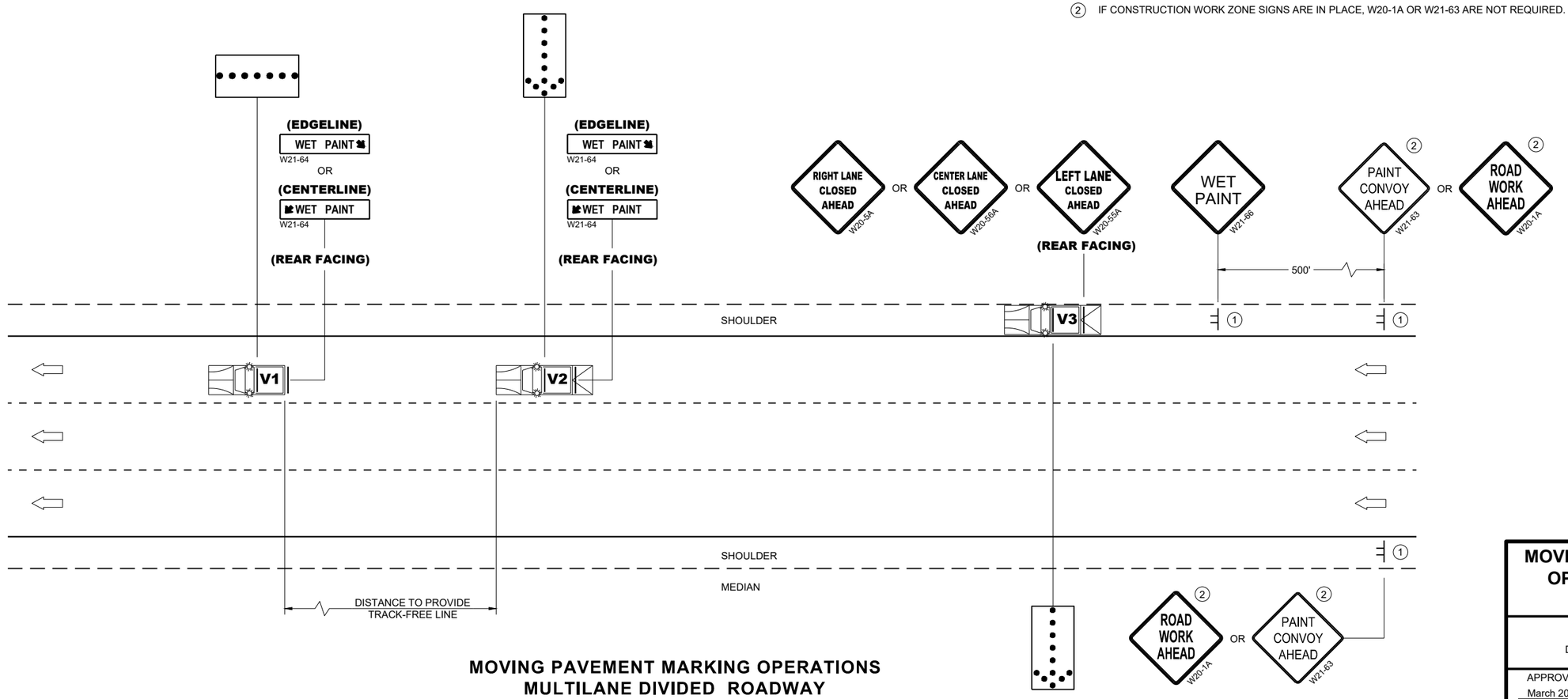
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY ON RAMP.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS MULTILANE DIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE DIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C19-9c

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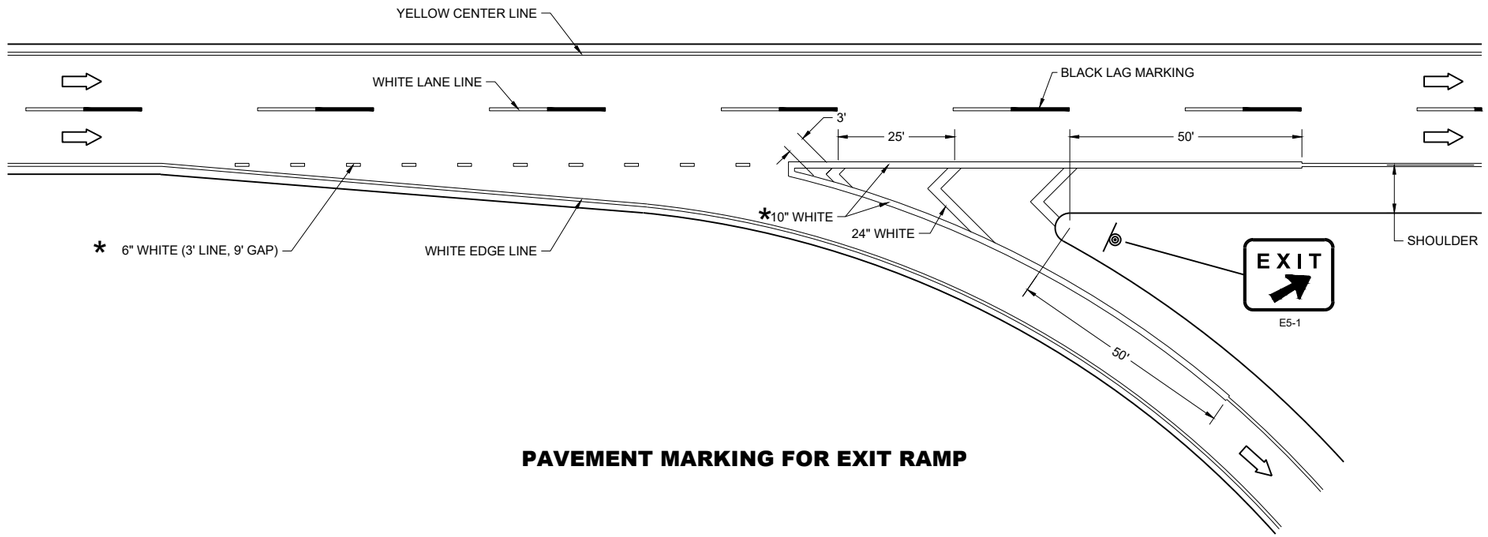
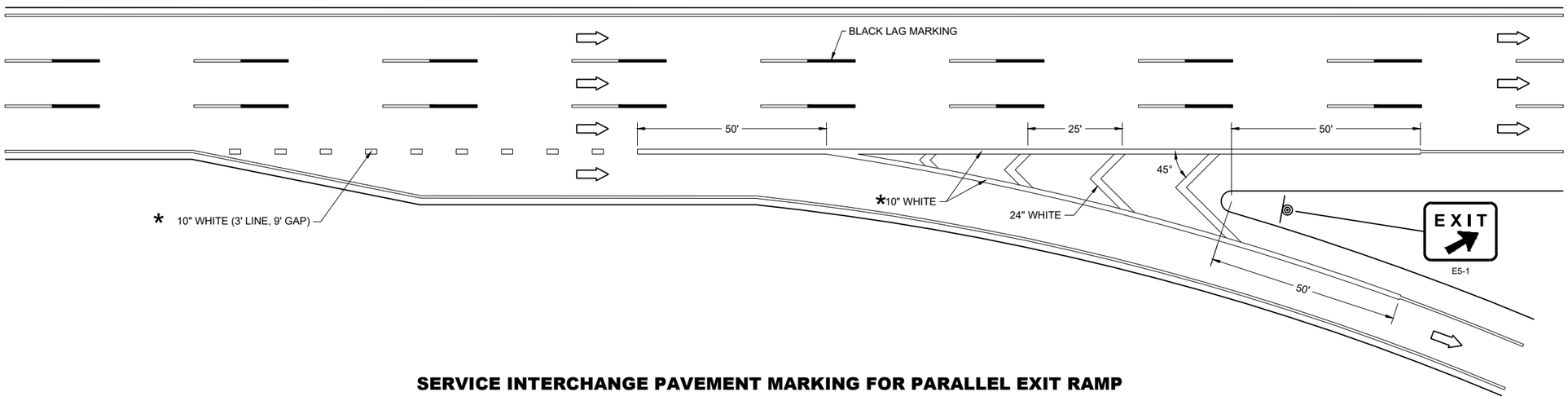
SDD 15C19-9c



PAVEMENT MARKING FOR EXIT RAMP



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT RAMP

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

6

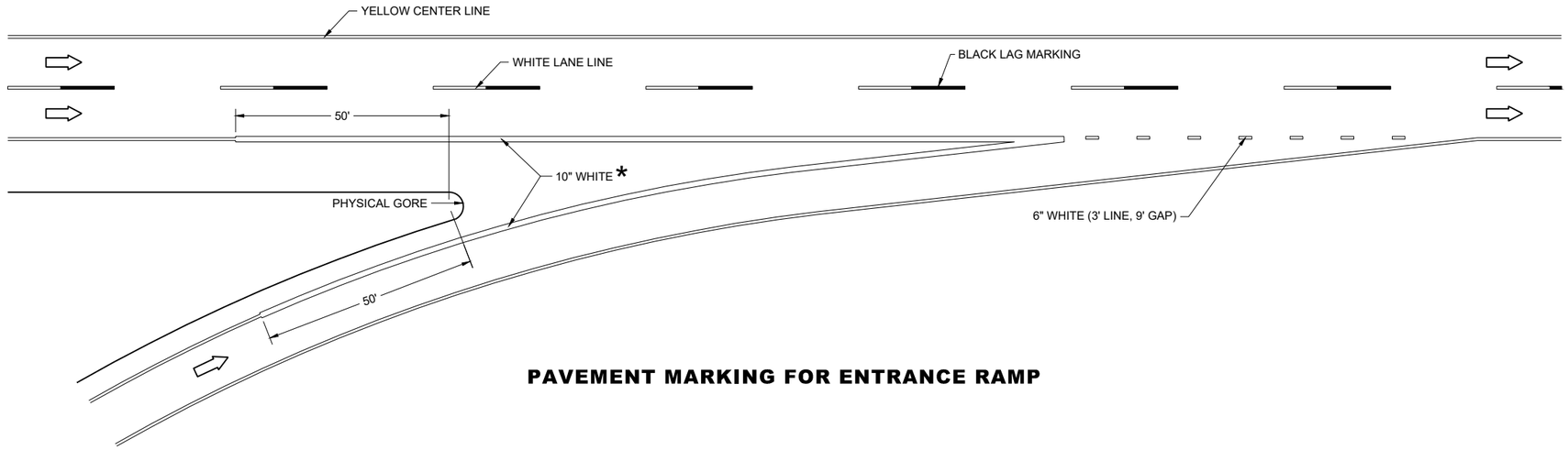
SDD 15C31-07a

PAVEMENT MARKING, EXIT RAMP AND PARALLEL EXIT RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PLACE GROOVE 3 INCHES LEFT OF JOINT.

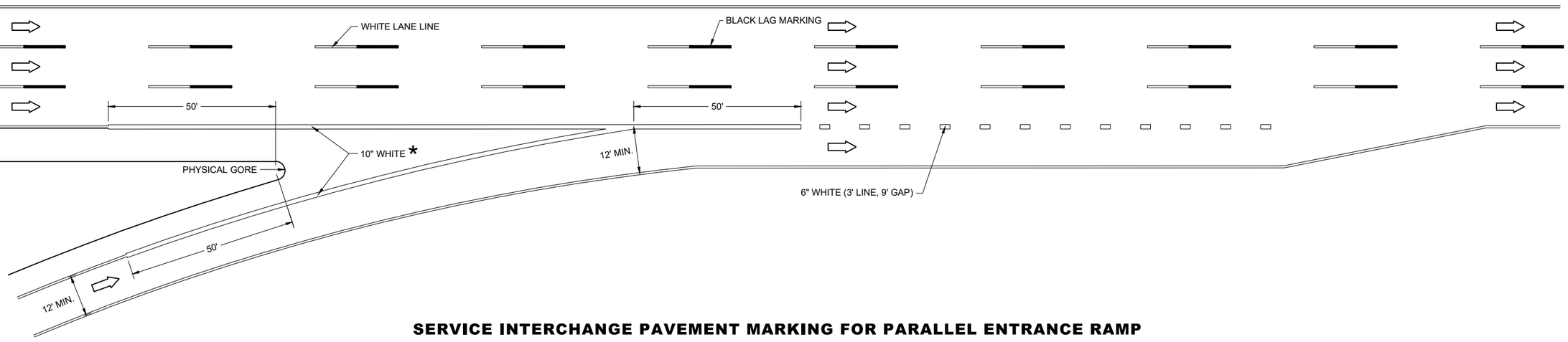


PAVEMENT MARKING FOR ENTRANCE RAMP

LEGEND

DIRECTION OF TRAVEL

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE RAMP

6

SDD 15C31-07c

PAVEMENT MARKING, ENTRANCE RAMP AND PARALLEL ENTRANCE RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 15C31-07c

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

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

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

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

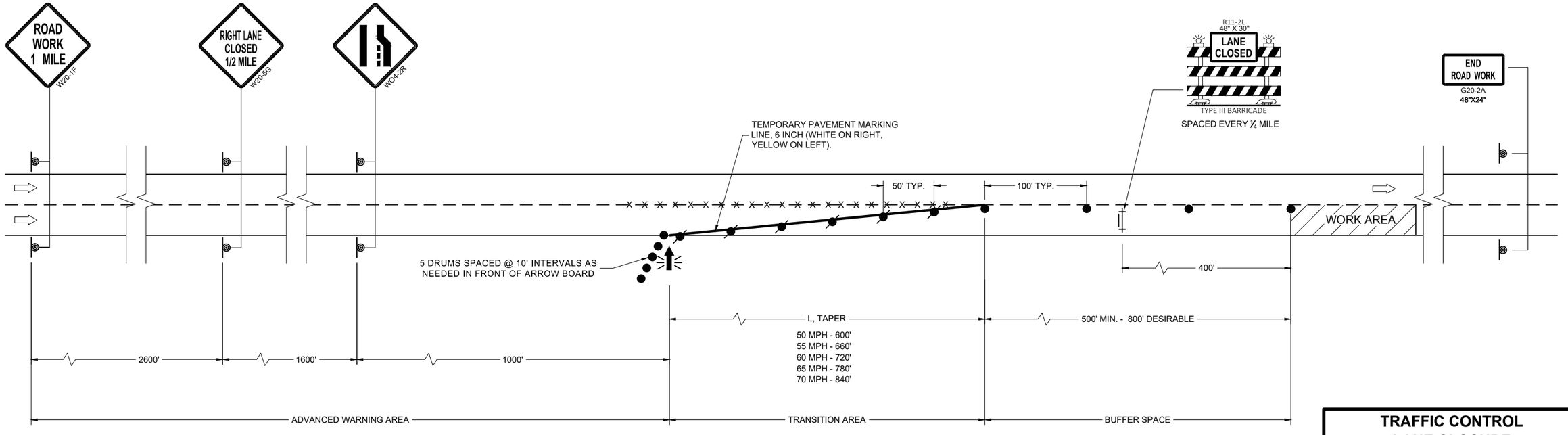
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD



TRAFFIC CONTROL LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

/S/ Andrew Heidtke
Work Zone Engineer

FHWA

6

SDD 15D12-13a

6

SDD 15D12-13a

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

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

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

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

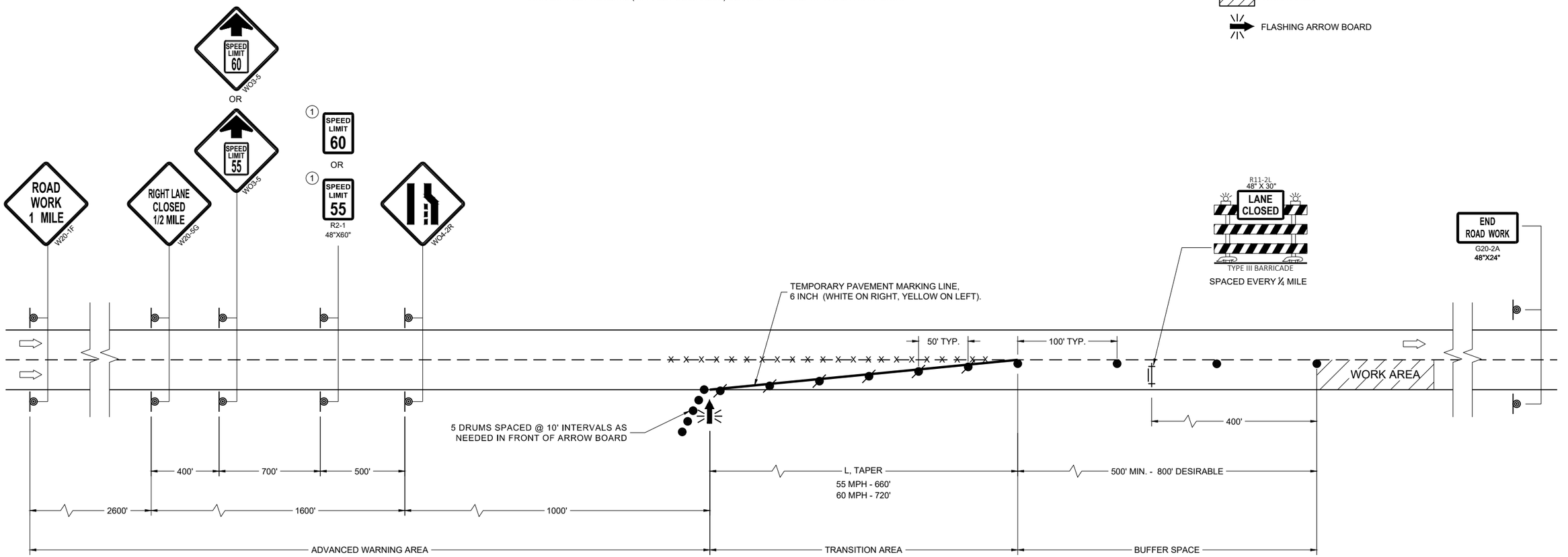
IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. PLACE A SPEED LIMIT SIGN A MINIMUM OF EVERY 3 MILES. INCLUDE A RESUME SPEED LIMIT SIGN 200 FEET MINIMUM (500 FEET DESIRABLE) BEYOND THE "END OF ROADWORK" SIGN.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- DIRECTION OF TRAFFIC
- WORK AREA
- FLASHING ARROW BOARD



TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024 — DATE
/S/ Andrew Heidtke — Work Zone Engineer

FHWA

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SDD 15D12-13b

SDD 15D12-13b

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

FOR WORK ON ROADWAYS WITH SPEEDS GREATER THAN 45MPH, USE SDD 15D12.

THIS LANE CLOSURE DETAIL IS TYPICAL FOR CLOSING THE LEFT LANE. FOR A RIGHT LANE CLOSURE, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR ROADWAYS WITH EITHER TWO OR THREE LANES IN EACH DIRECTION.

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36"X 36" SIGNS MAY BE USED IF APPROVED BY REGIONAL TRAFFIC UNIT.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE MAY BE MOUNTED ON TEMPORARY SUPPORTS.

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

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

W20-1A, G20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE LANE CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINE IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE APPROACHING DRIVER HAS A CLEAR VIEW OF THE ARROW BOARDS AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

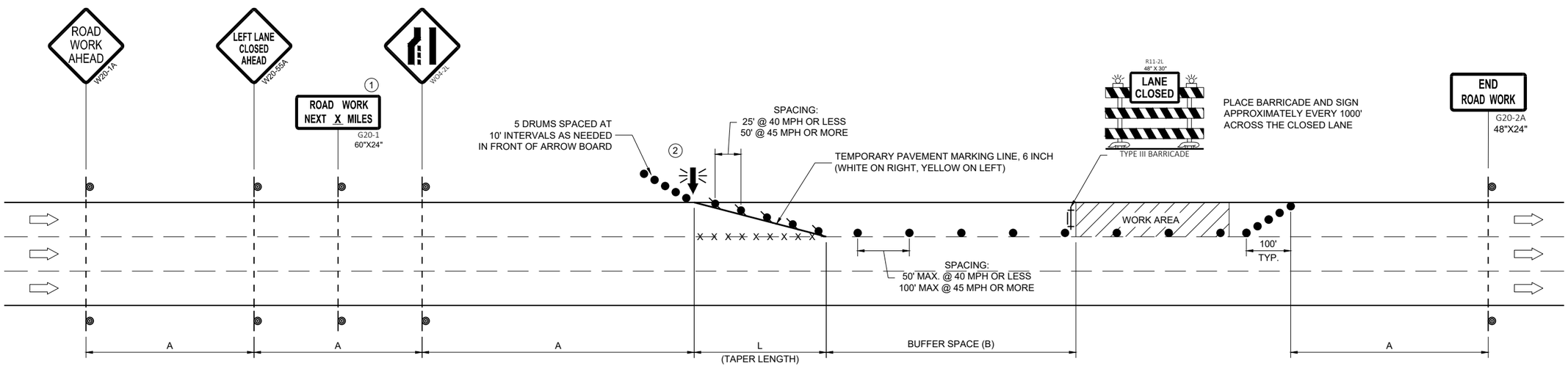
BARRICADES IN A CLOSED LANE THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

(1) OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

(2) WHERE THE SHOULDER OR TERRACE HAS INSUFFICIENT SPACE TO PLACE THE ARROW BOARD AS SHOWN, PLACE THE ARROW BOARD AT THE END OF THE TAPER.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	TAPER LENGTH (12 FT. LANE) (L) FEET	BUFFER SPACE (B) FEET
25	200'	125'	55'
30	200'	180'	85'
35	350'	245'	120'
40	350'	320'	170'
45	500'	540'	220'

TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D20-08a
SDD 15D20-08a

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

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

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

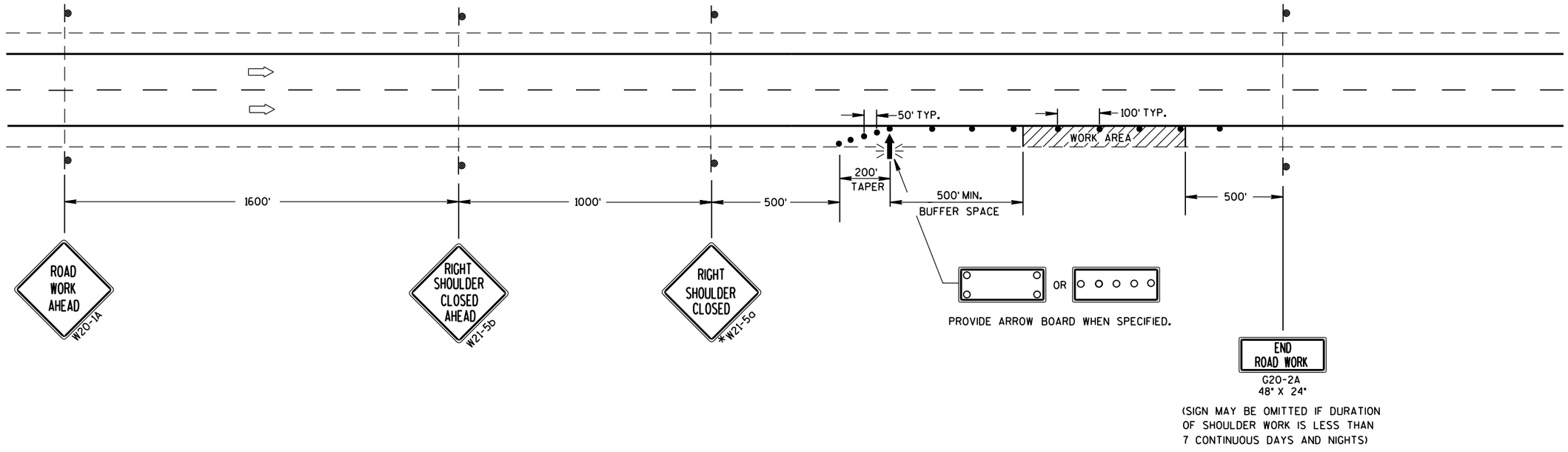
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible] SAFETY ENGI[illegible]

FHWA

6

S.D.D. 15 D 27-3

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

DIRECTION OF TRAFFIC

WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

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

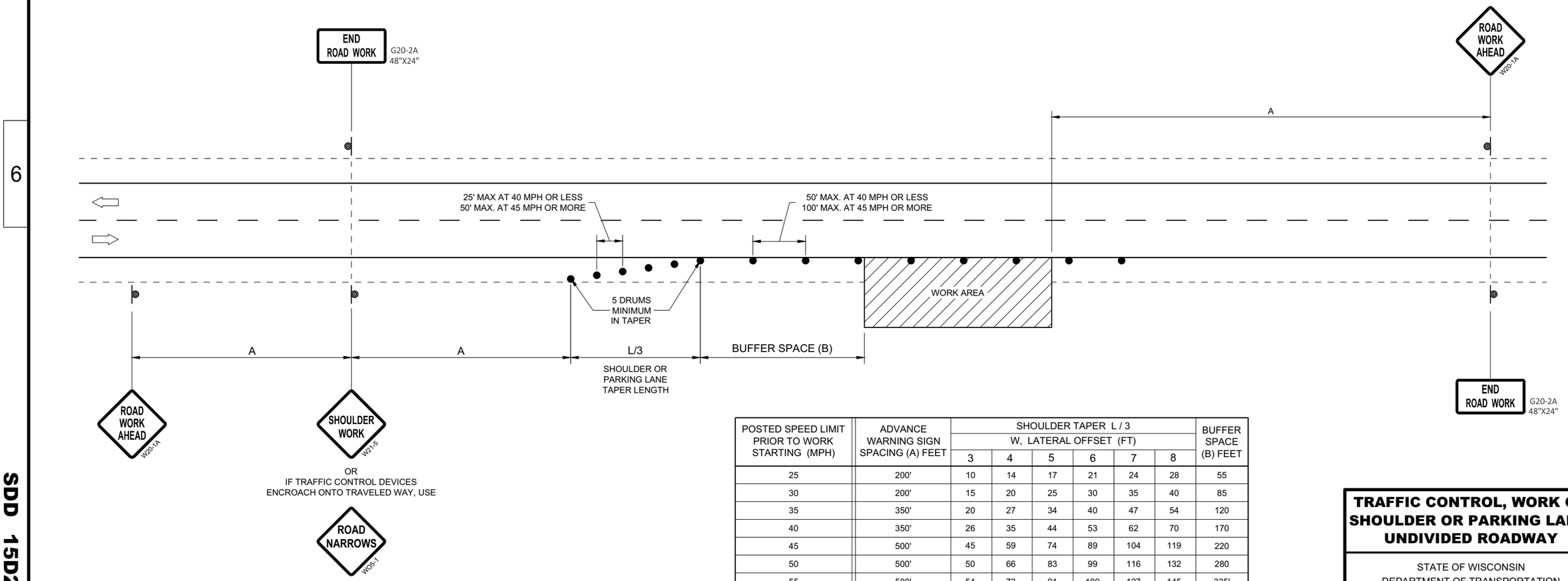
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

FHWA

SDD 15D28 - 04

SDD 15D28 - 04

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)				
	10	11	12	13	14
50	250	275	300	325	350
55	275	303	330	358	385
60	300	330	360	390	420
65	325	358	390	423	455
70	350	385	420	455	490

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT RIGHT - REVERSE FOR SHIFTING LEFT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

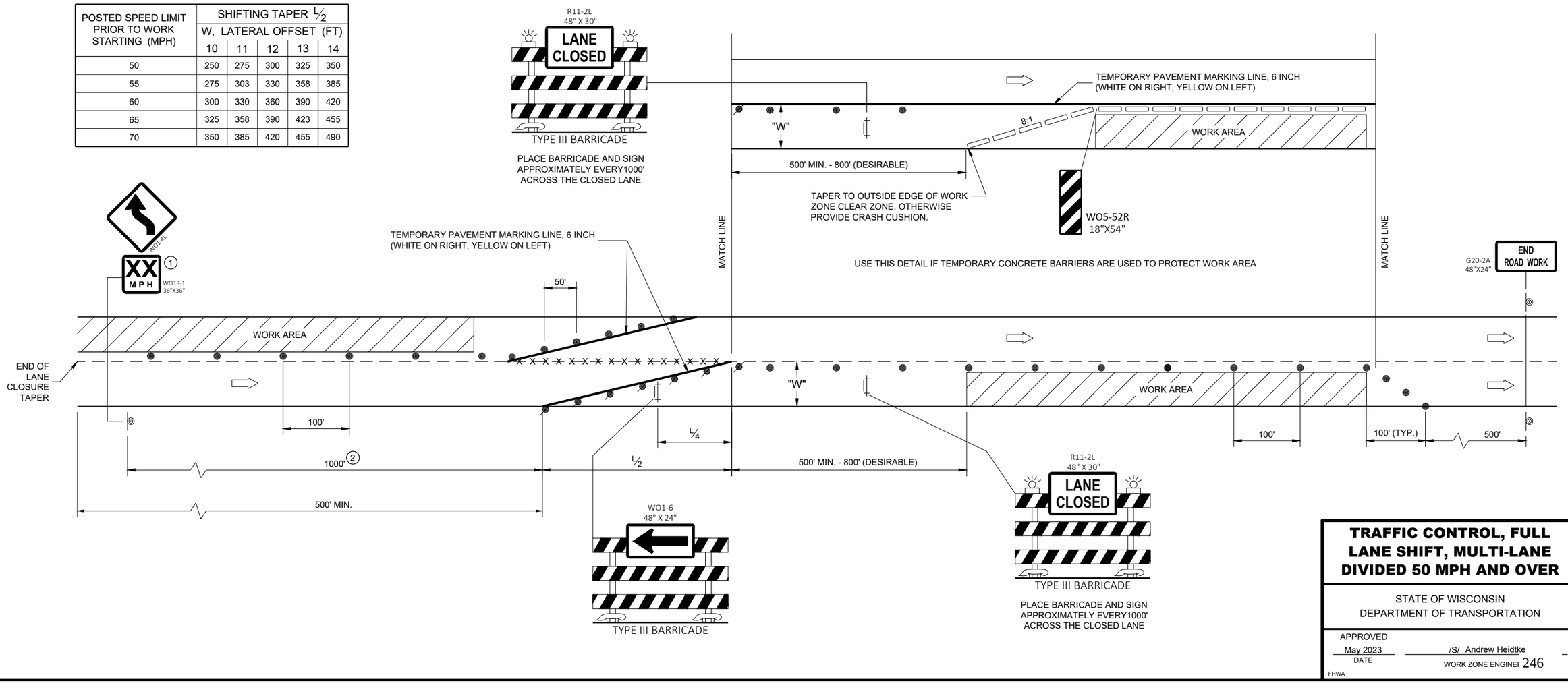
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ½ THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

(1) USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.

(2) IF BEGINNING OF LANE SHIFT IS 1200' OF LESS FROM THE END OF THE LANE CLOSURE TAPER, PLACE THE WO1-4L SIGN 200 FEET AFTER THE END OF THE LANE CLOSURE TAPER.



TRAFFIC CONTROL, FULL LANE SHIFT, MULTI-LANE DIVIDED 50 MPH AND OVER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D40-05b

6

SDD 15D40-05b

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- CONCRETE BARRIER TEMPORARY PRECAST

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	SHIFTING TAPER L/2 W, LATERAL OFFSET (FT)								
	1	2	3	4	5	6	7	8	9
50	25	50	75	100	125	150	175	200	225
55	28	55	83	110	138	165	193	220	248
60	30	60	90	120	150	180	210	240	270
65	33	65	98	130	163	195	228	260	293
70	35	70	105	140	175	210	245	280	315

GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR LANE SHIFT LEFT - REVERSE FOR SHIFTING RIGHT.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON ANY "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARDS SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

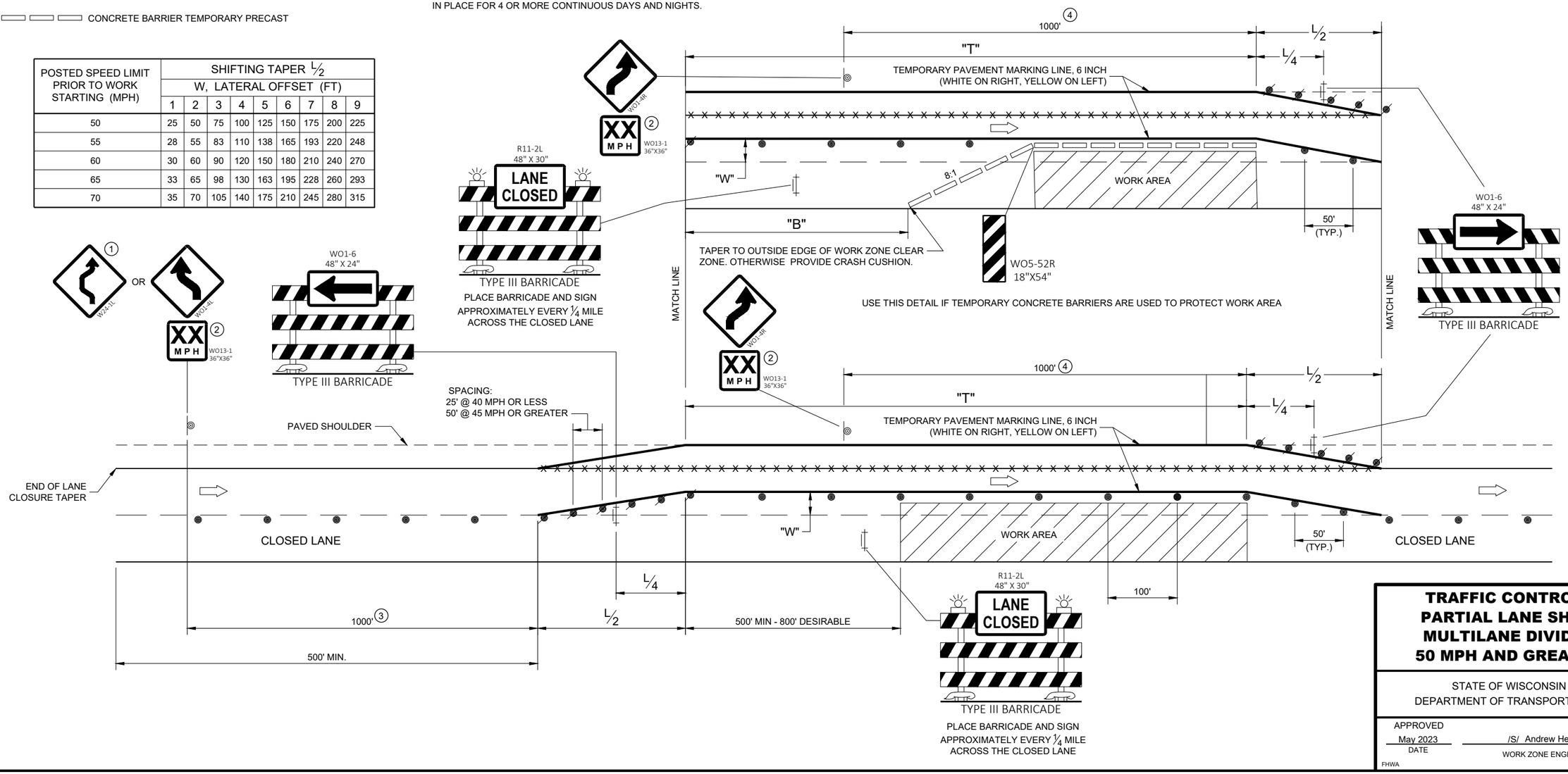
REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING LINES IF LANE CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE SHIFT OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE SHIFT MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

1. USE ONLY WHEN T<600', OMIT WO1-4R.
2. IF NEEDED, USE ONLY IF DESIGN SPEED IS 10 MPH BELOW POSTED SPEED.
3. IF THE BEGINNING OF LANE SHIFT TAPER IS 1200 FEET OR LESS FROM END OF LANE CLOSURE TAPER, PLACE THE WO1-4L SIGN 200 FEET AFTER THE END OF THE LANE CLOSURE TAPER.
4. IF THE BEGINNING OF THE SECOND LANE SHIFT TAPER IS 1200 FEET OR LESS FROM END OF THE FIRST LANE CLOSURE TAPER, PLACE THE WO1-4L SIGN 200 FEET AFTER THE END OF THE FIRST LANE CLOSURE TAPER.



TRAFFIC CONTROL, PARTIAL LANE SHIFT MULTILANE DIVIDED 50 MPH AND GREATER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

6

SDD 15D40-05d
SDD 15D40-05d

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKINGS
- FLASHING ARROW BOARD
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

RIGHT CLOSURE SHOWN (LEFT LANE CLOSURE SIMILAR)

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

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS PART OF A DAYTIME ONLY OPERATION.

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

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

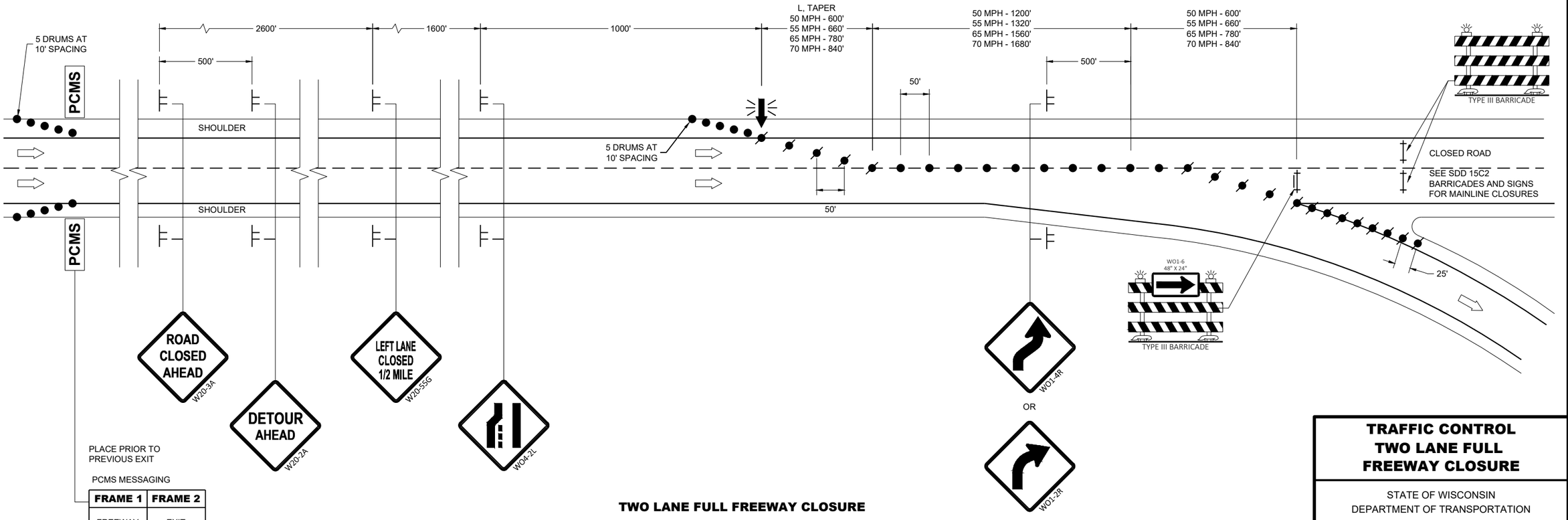
WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND / OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

PLACE A TYPE III BARRICADE APPROXIMATELY EVERY 1000' ACROSS EACH CLOSED LANE TO HELP REINFORCE THE DRUM LINE.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

REFER TO DETOUR ROUTES FOR TRAFFIC GUIDANCE SIGNING.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.



PLACE PRIOR TO PREVIOUS EXIT

PCMS MESSAGING

FRAME 1	FRAME 2
FREEWAY CLOSED	EXIT AHEAD

TWO LANE FULL FREEWAY CLOSURE

TRAFFIC CONTROL
TWO LANE FULL
FREEWAY CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2024 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

6
SDD 15D42-02

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- DELINEATOR, FLEXIBLE TUBULAR MARKER
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- CONSTRUCTION TRAFFIC
- WORK AREA
- CC — CRASH CUSHION TEMPORARY
- EXISTING CONCRETE BARRIER TEMPORARY PRECAST

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

WORK ZONE INGRESS/EGRESS LOCATIONS SHALL BE APPROVED BY THE ENGINEER. LOCATIONS FOR WORK ZONE ACCESS TO/FROM THE FREEWAY SHALL NOT BE USED FOR INGRESS AND EGRESS AT THE SAME TIME.

THIS ACCESS DETAIL IS TYPICAL FOR LEFT LANE ACCESS, FOR RIGHT LANE ACCESS, REVERSE THE TRAFFIC CONTROL

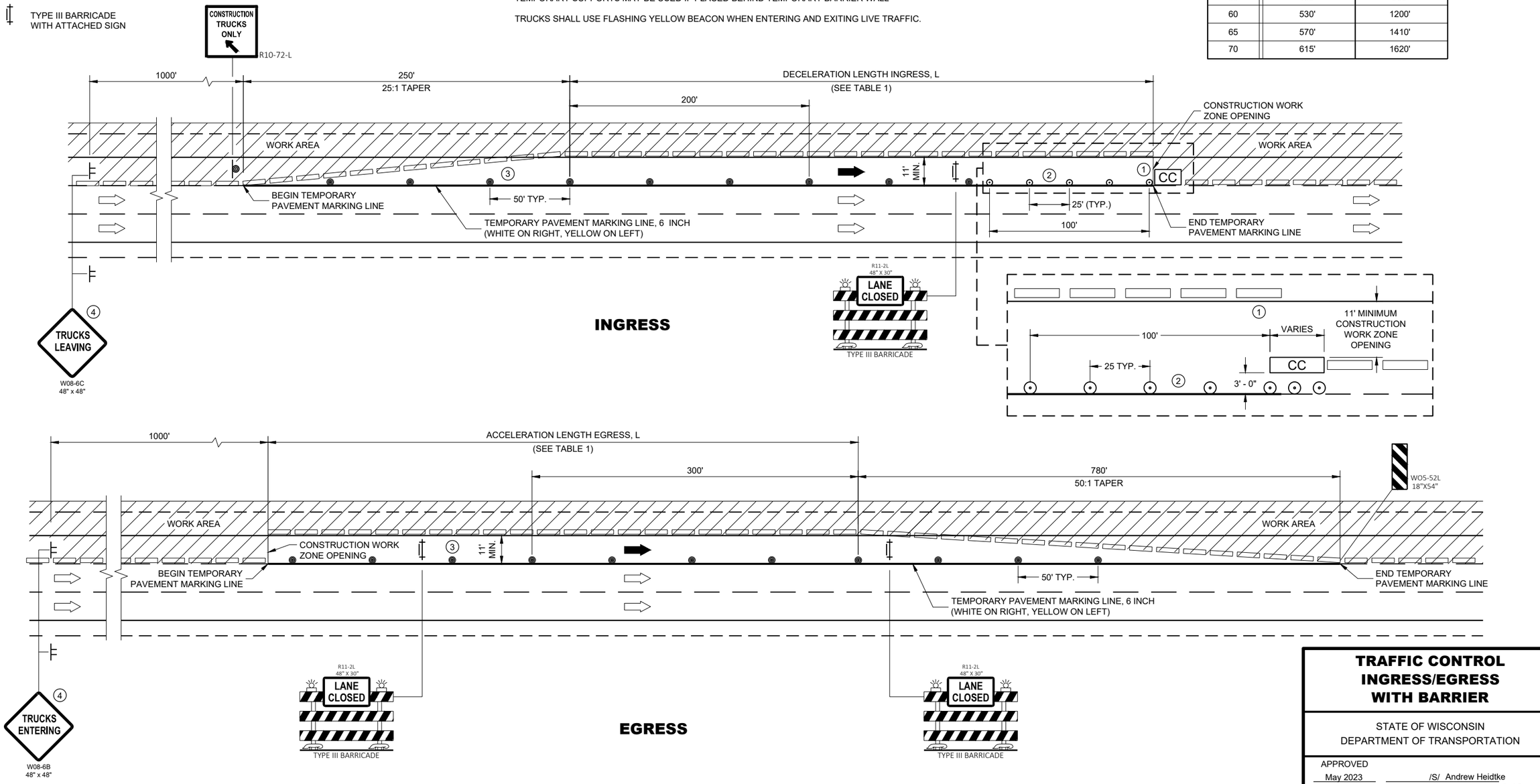
TEMPORARY SUPPORTS MAY BE USED IF PLACED BEHIND TEMPORARY BARRIER WALL

TRUCKS SHALL USE FLASHING YELLOW BEACON WHEN ENTERING AND EXITING LIVE TRAFFIC.

1. WIDEN BARRIER AS NECESSARY TO ACCOMMODATE CRASH CUSHION WIDTH.
2. USE TUBULAR MARKERS TO HELP DELINEATE TEMPORARY CRASH CUSHION.
3. REMOVE DRUMS / BARRICADES WHEN INGRESS / EGRESS ARE IN USE.
4. REMOVE OR COVER WHEN ACCESS IS NOT NEEDED.

TABLE 1

S (MPH)	INGRESS, L	EGRESS, L
50	435'	720'
55	480'	960'
60	530'	1200'
65	570'	1410'
70	615'	1620'



TRAFFIC CONTROL INGRESS/EGRESS WITH BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D47-03a

6

SDD 15D47-03a

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TYPE III BARRICADE WITH ATTACHED SIGN
- DIRECTION OF TRAFFIC
- CONSTRUCTION TRAFFIC
- WORK AREA

TABLE 1

S (MPH)	INGRESS, L	EGRESS, L
50	435'	720'
55	480'	960'
60	530'	1200'
65	570'	1410'
70	615'	1620'

LEGEND

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON COVERED OR "DOWNED" SIGNS.

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

WORK ZONE INGRESS/EGRESS LOCATIONS SHALL BE APPROVED BY THE ENGINEER. LOCATIONS FOR WORK ZONE ACCESS TO/FROM THE FREEWAY SHALL NOT BE USED FOR INGRESS AND EGRESS AT THE SAME TIME.

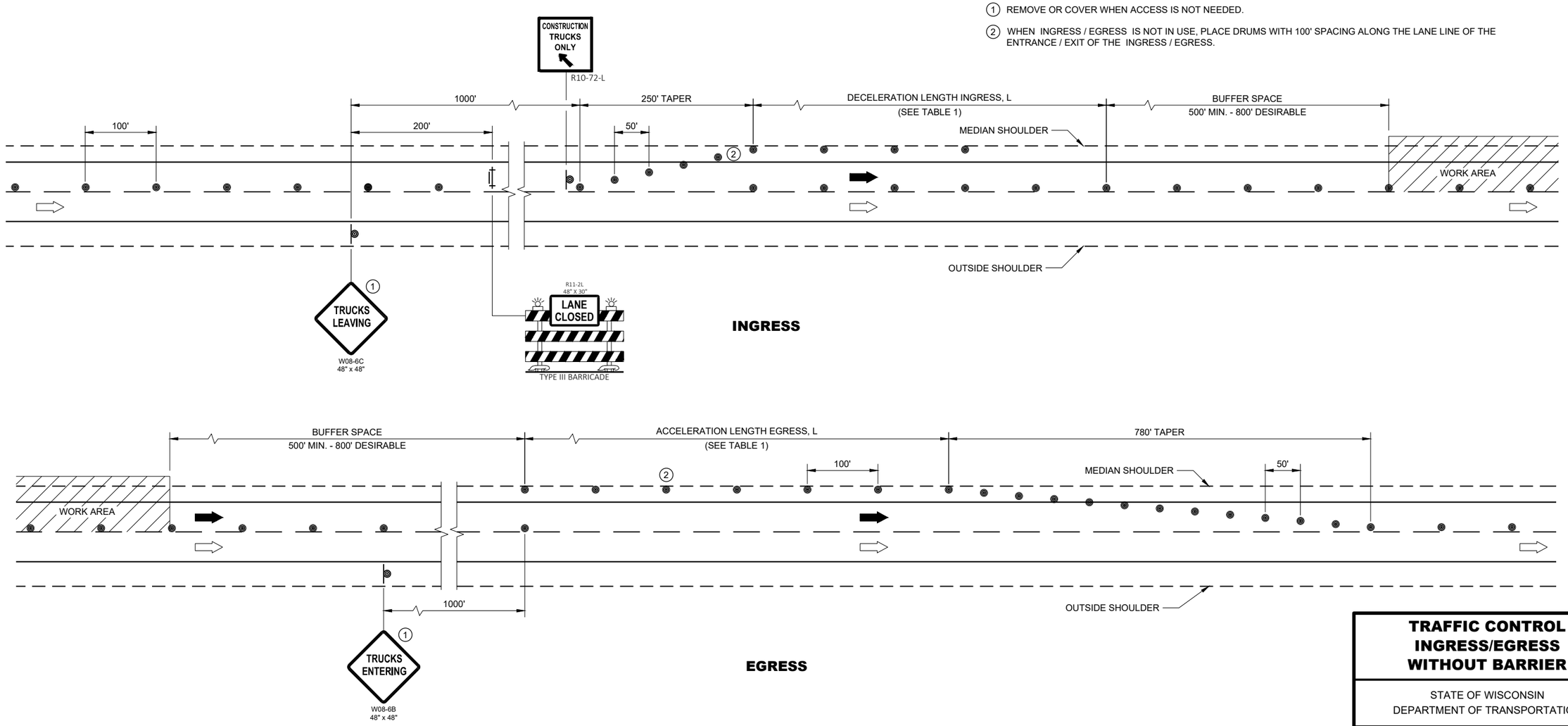
THIS ACCESS DETAIL IS TYPICAL FOR LEFT LANE ACCESS, FOR RIGHT LANE ACCESS, REVERSE THE TRAFFIC CONTROL

TEMPORARY SUPPORTS MAY BE USED IF PLACED BEHIND TEMPORARY BARRIER WALL

TRUCKS SHALL USE FLASHING YELLOW BEACON WHEN ENTERING AND EXITING LIVE TRAFFIC.

(1) REMOVE OR COVER WHEN ACCESS IS NOT NEEDED.

(2) WHEN INGRESS / EGRESS IS NOT IN USE, PLACE DRUMS WITH 100' SPACING ALONG THE LANE LINE OF THE ENTRANCE / EXIT OF THE INGRESS / EGRESS.



TRAFFIC CONTROL INGRESS/EGRESS WITHOUT BARRIER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

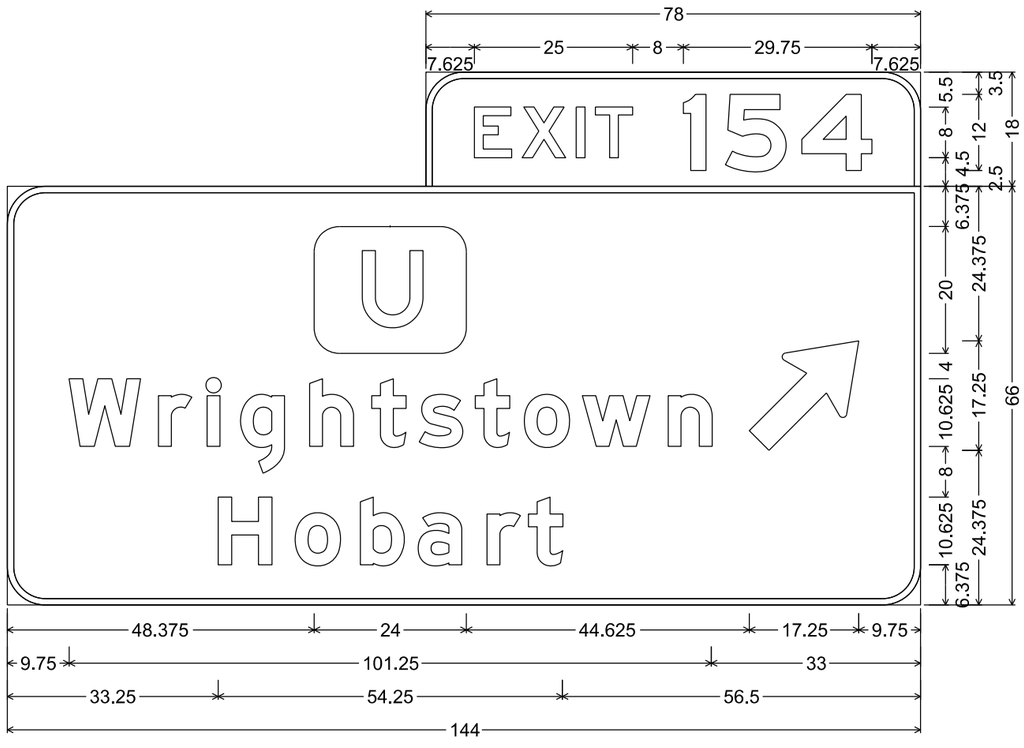
SDD 15D47-03b

6

SDD 15D47-03b

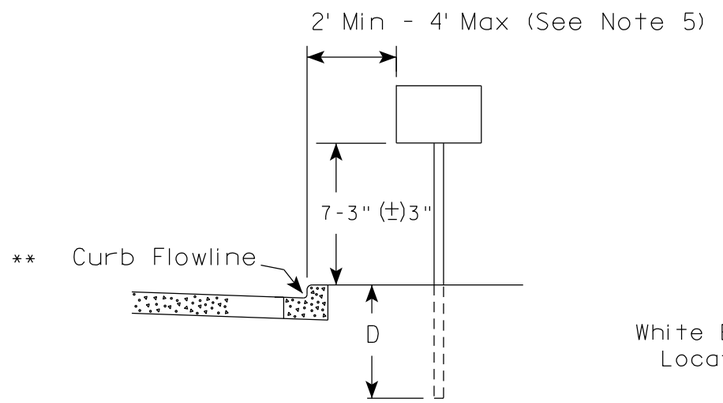
NOTES

1. Fixed Message Sign Type II- Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E Modified except all CAP words Series E

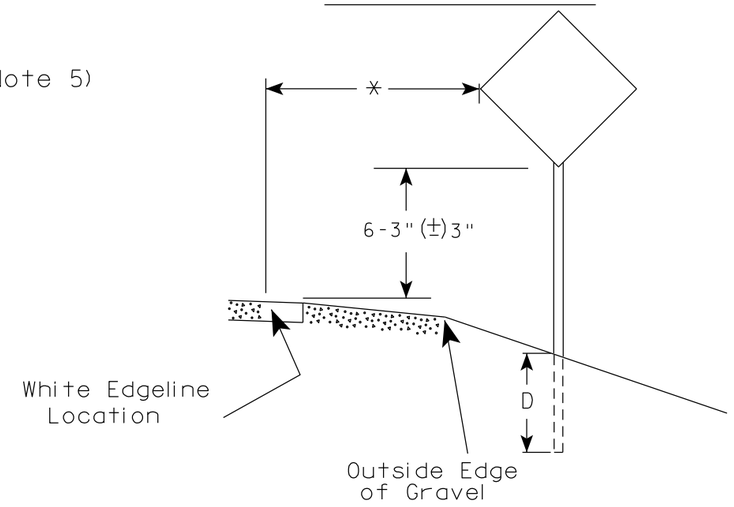


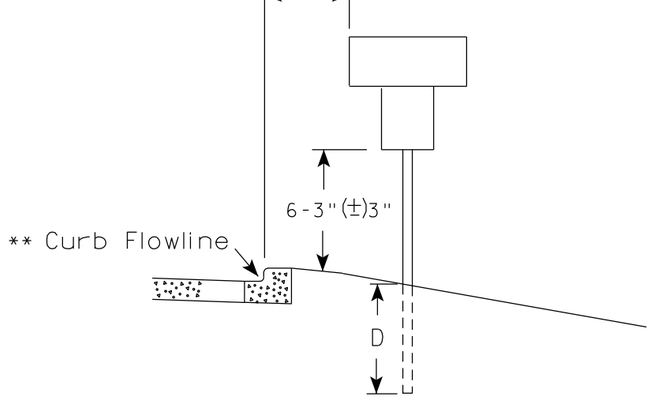
6.000" Radius, 1.000" Border, White on Green

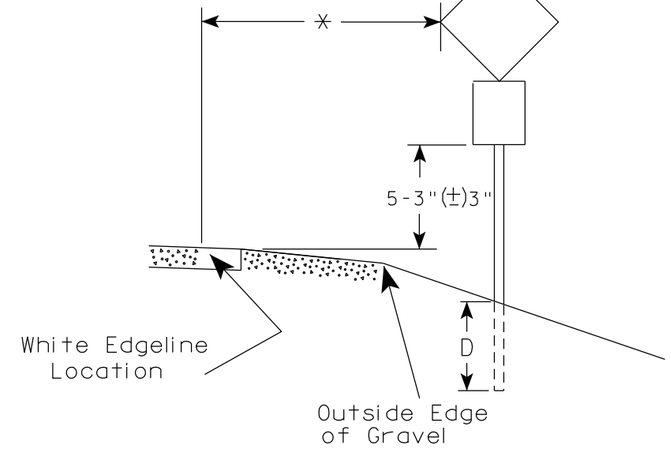
URBAN AREA



RURAL AREA (See Note 2)







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

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

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±) 3".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

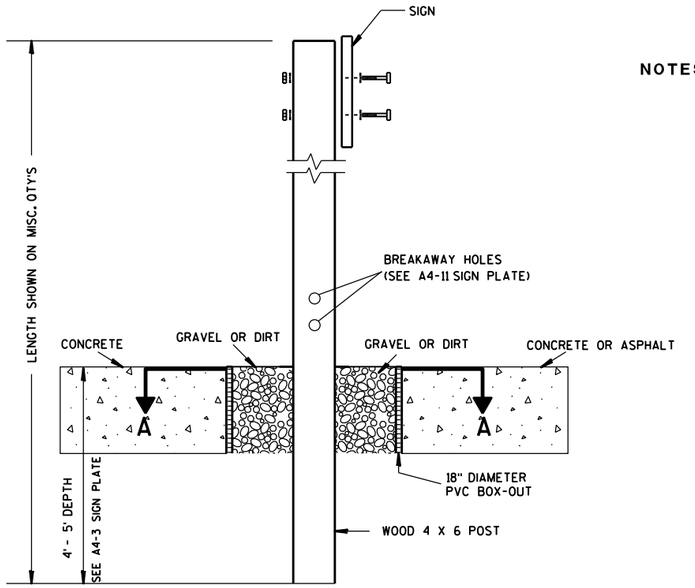
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

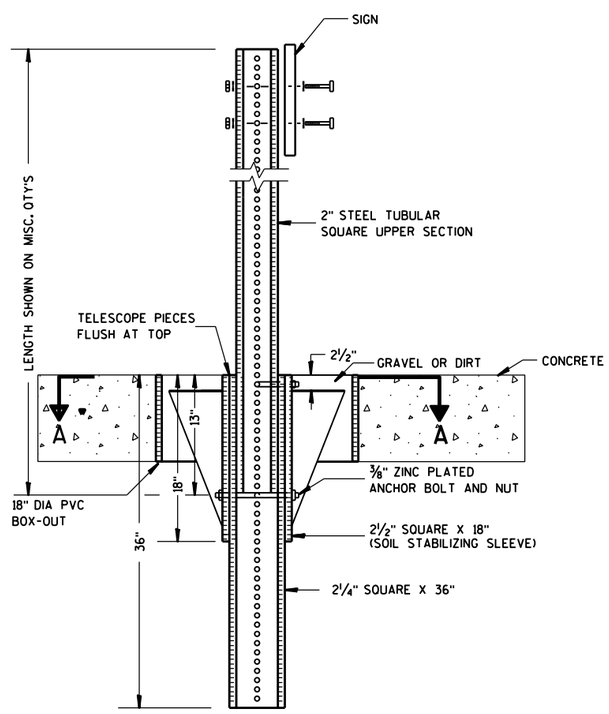
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 252	E



ELEVATION VIEW

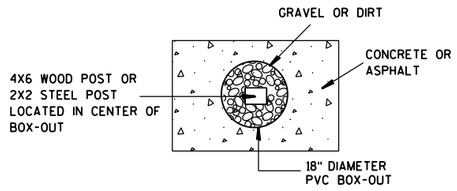
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

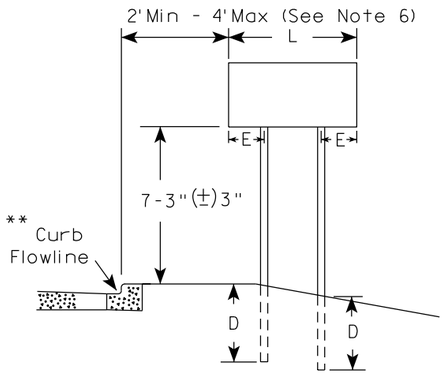
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

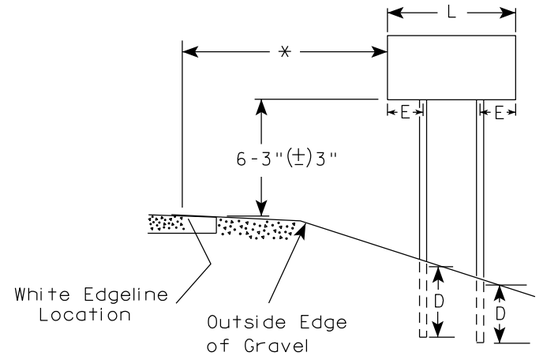
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

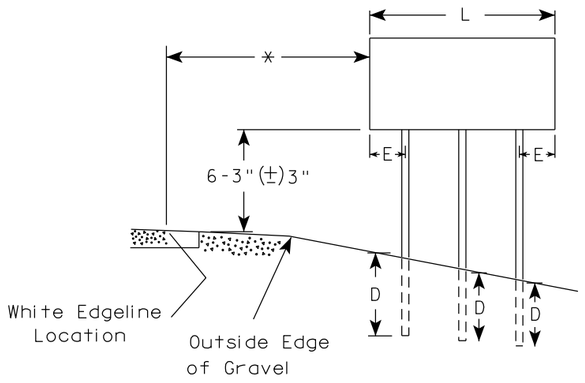
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

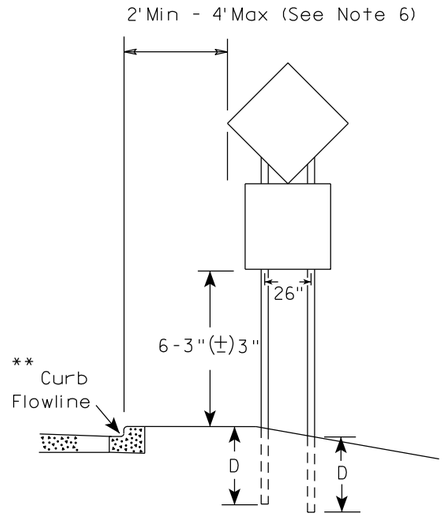
URBAN AREA



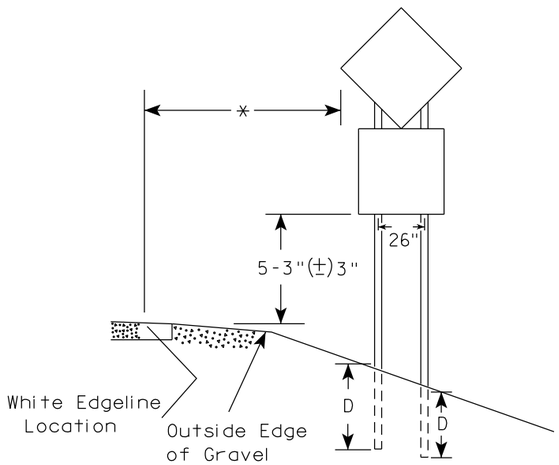
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±) 3".

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

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

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

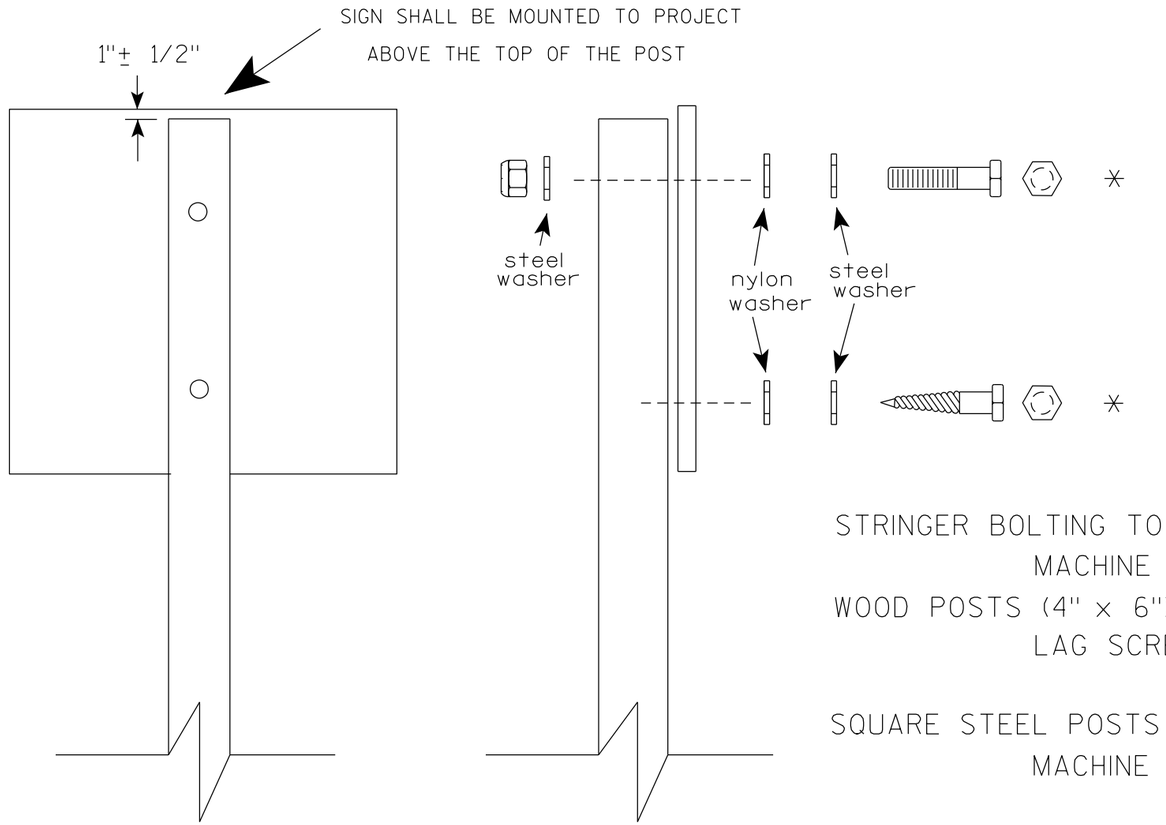
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 254	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

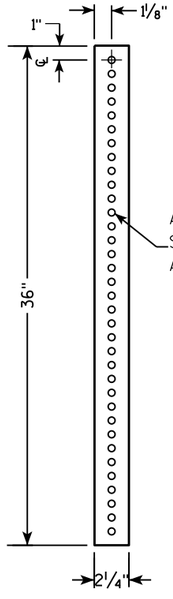
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

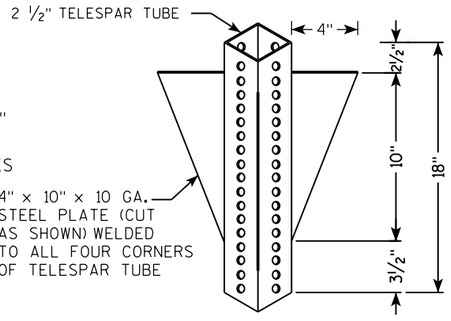
SHEET NO: 255 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

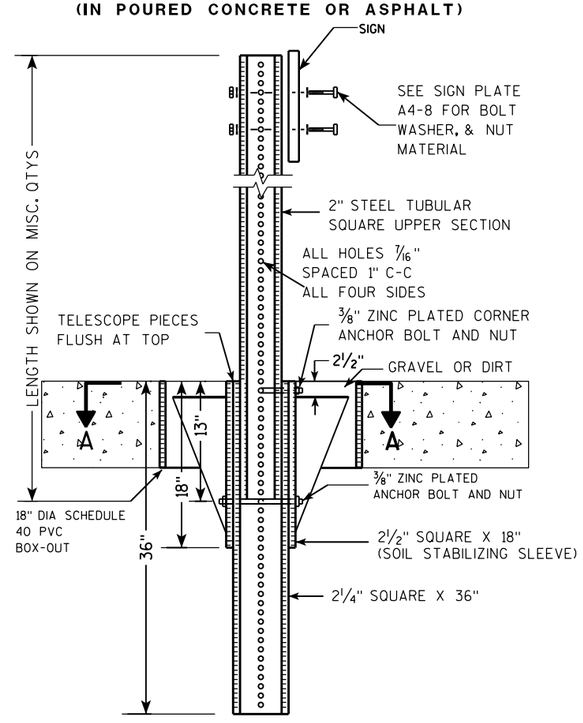
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



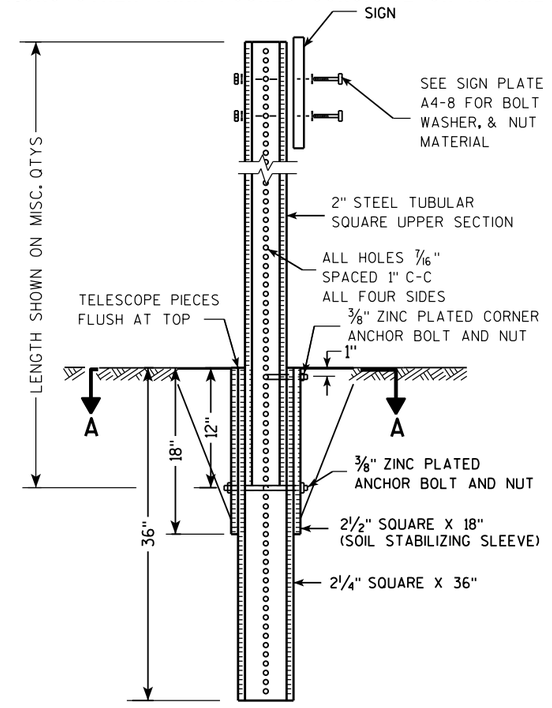
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

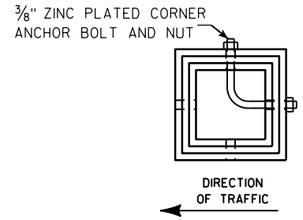


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

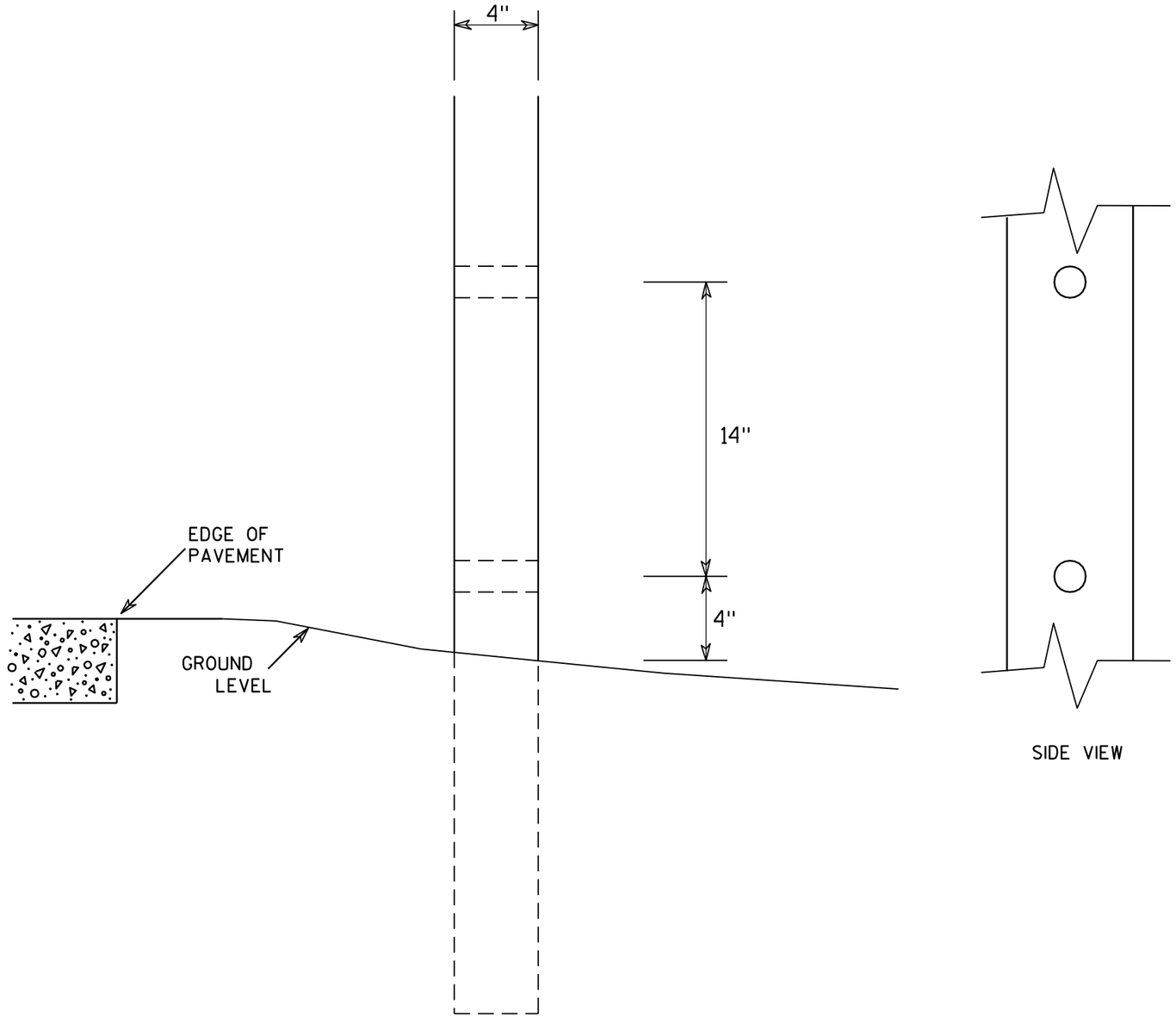
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 256 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

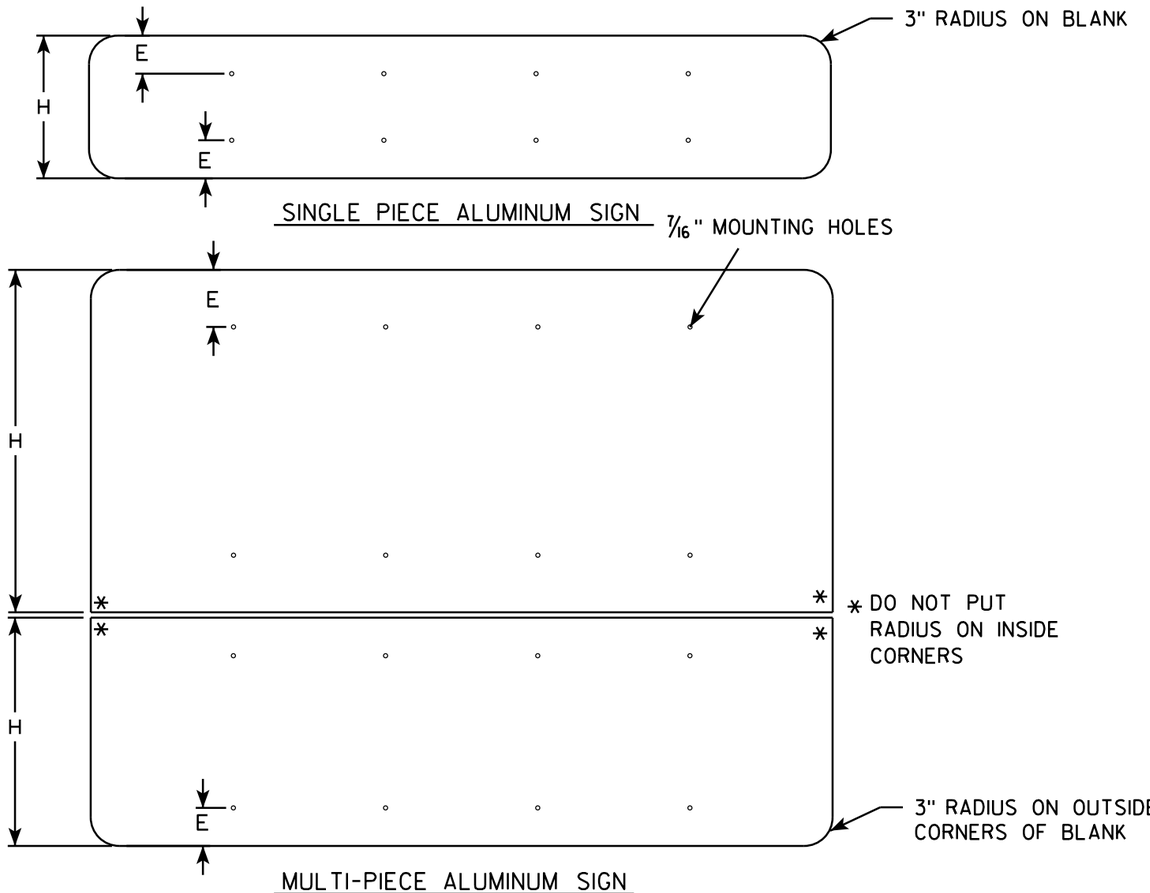
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

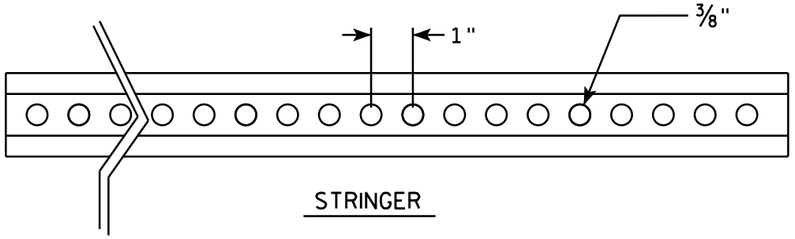
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 257	E



GENERAL NOTES

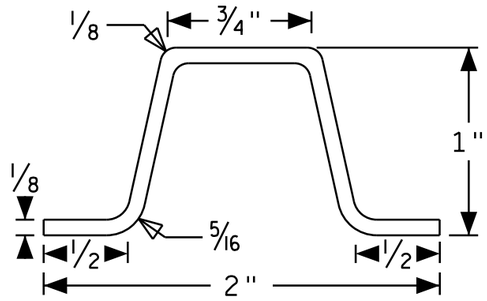
- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE 7/16" DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES
78"	72"	2	16"	15" 31" 47" 63"
84"	72"	2	17"	16½" 33½" 50½" 67½"
90"	72"	2	18"	18" 36" 54" 72"
96"	90"	2	19"	19½" 38½" 57½" 76½"
102"	90"	2	20"	21" 41" 61" 81"
108"	90"	2	21"	22½" 43½" 64½" 85½"
114"	108"	3	15"	12" 27" 42" 57" 72" 87" 102"
120"	108"	3	16"	12" 28" 44" 60" 76" 92" 108"
126"	108"	3	17"	12" 29" 46" 63" 80" 97" 114"
132"	126"	3	18"	12" 30" 48" 66" 84" 102" 120"
138"	126"	3	19"	12" 31" 50" 69" 88" 107" 126"
144"	126"	3	20"	12" 32" 52" 72" 92" 112" 132"

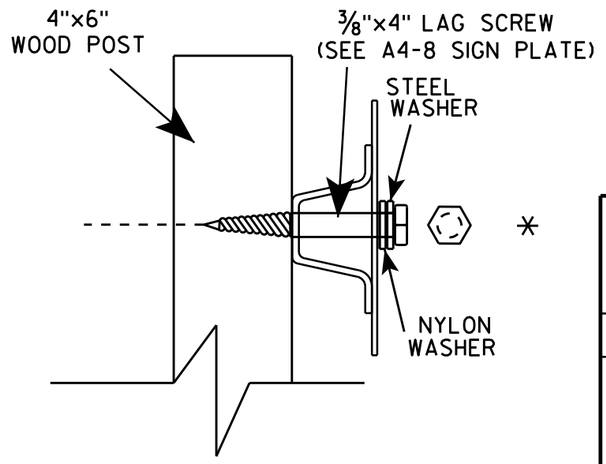


STRINGER

CROSS SECTION VIEW OF CHANNEL



POST MOUNTING



SIGN STRINGER MOUNTING REQUIREMENTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

for State Traffic Engineer

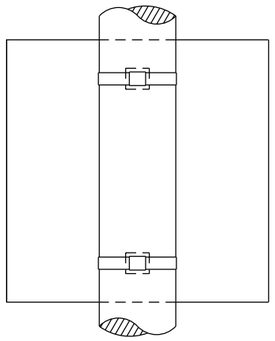
DATE 4/26/16 PLATE NO A4-18.1

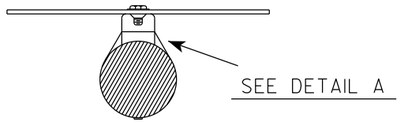
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

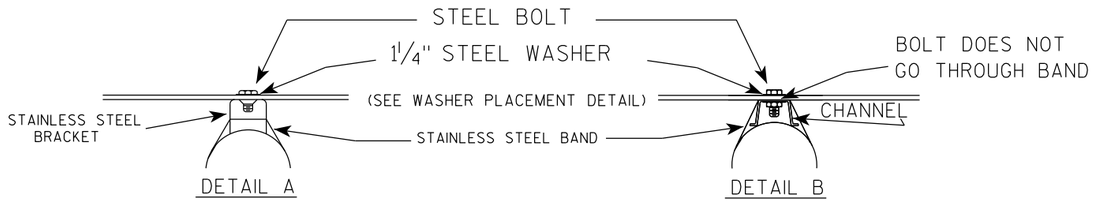
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A418.dgn PLOT DATE : 27-APR-2016 13:56 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 41.805205:1.000000 WISDOT/CADDS SHEET 42

BANDING

SINGLE SIGN



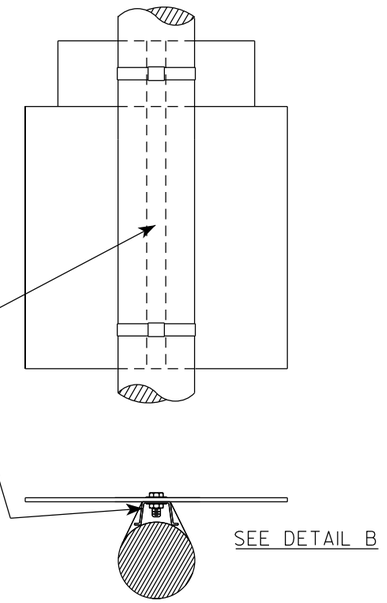




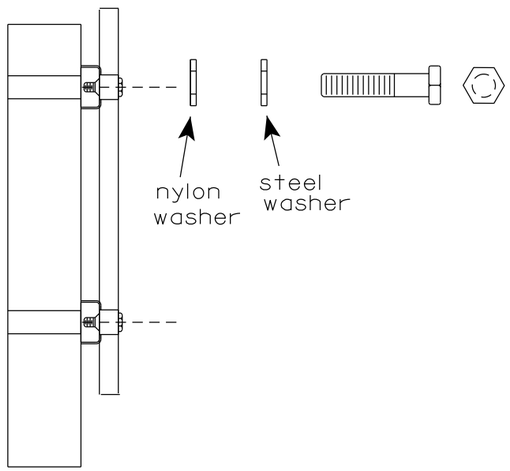
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X ⅜" I.D. X 1/16" STEEL
1-1/4" O.D. X ⅜" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

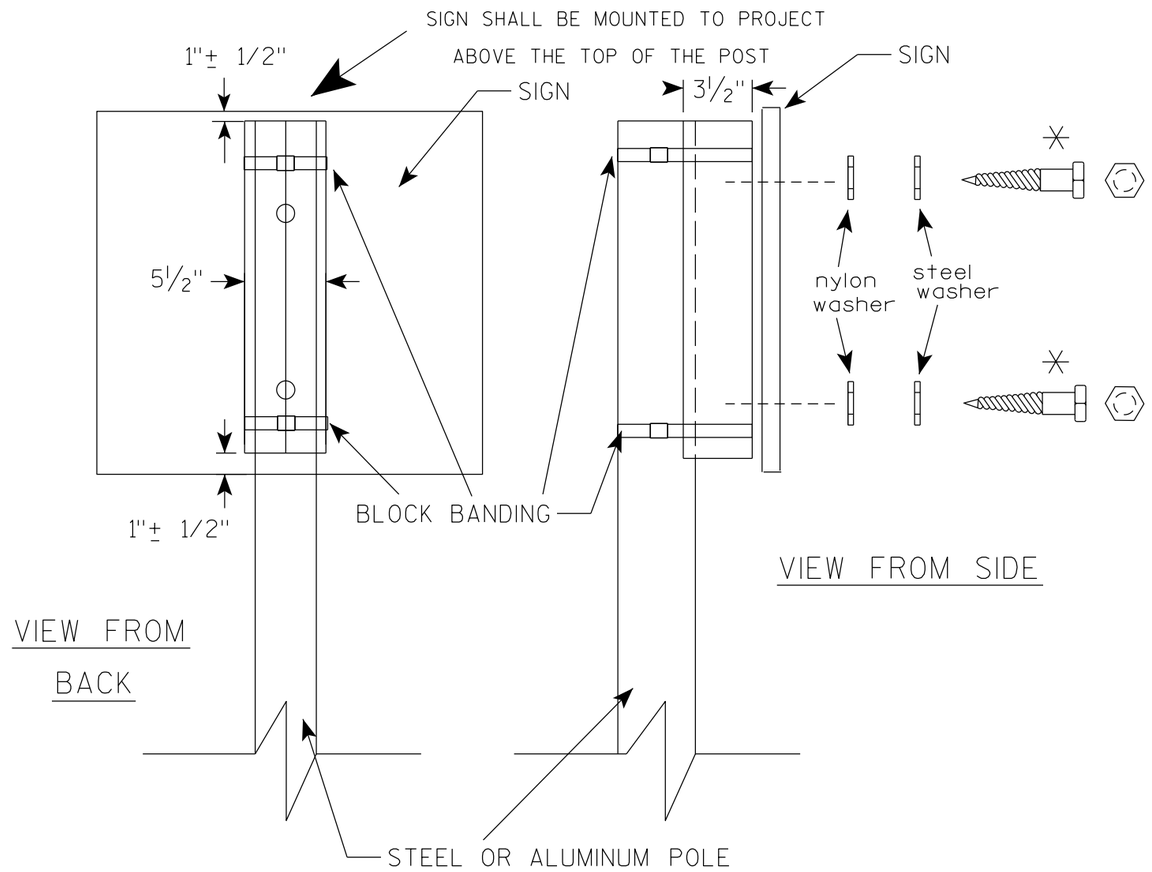
DATE 6/10/19 PLATE NO. A5-9.4

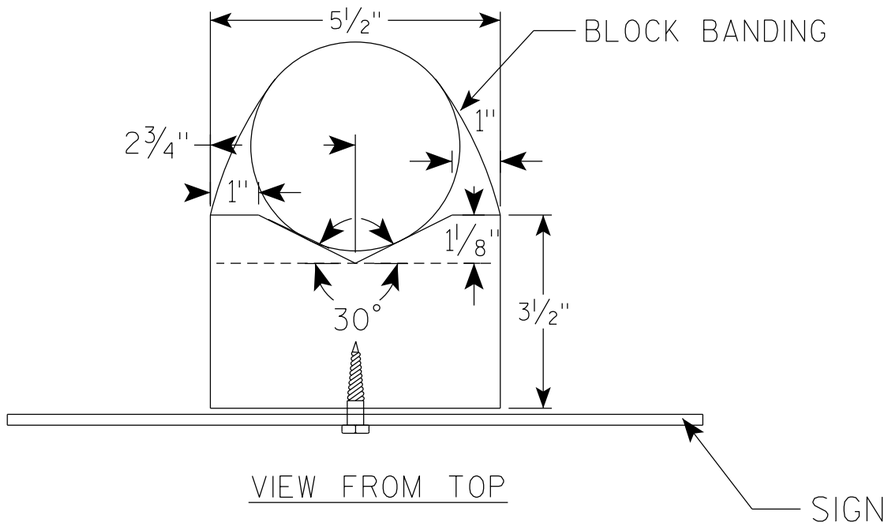
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 259	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WisDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, ¾" WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

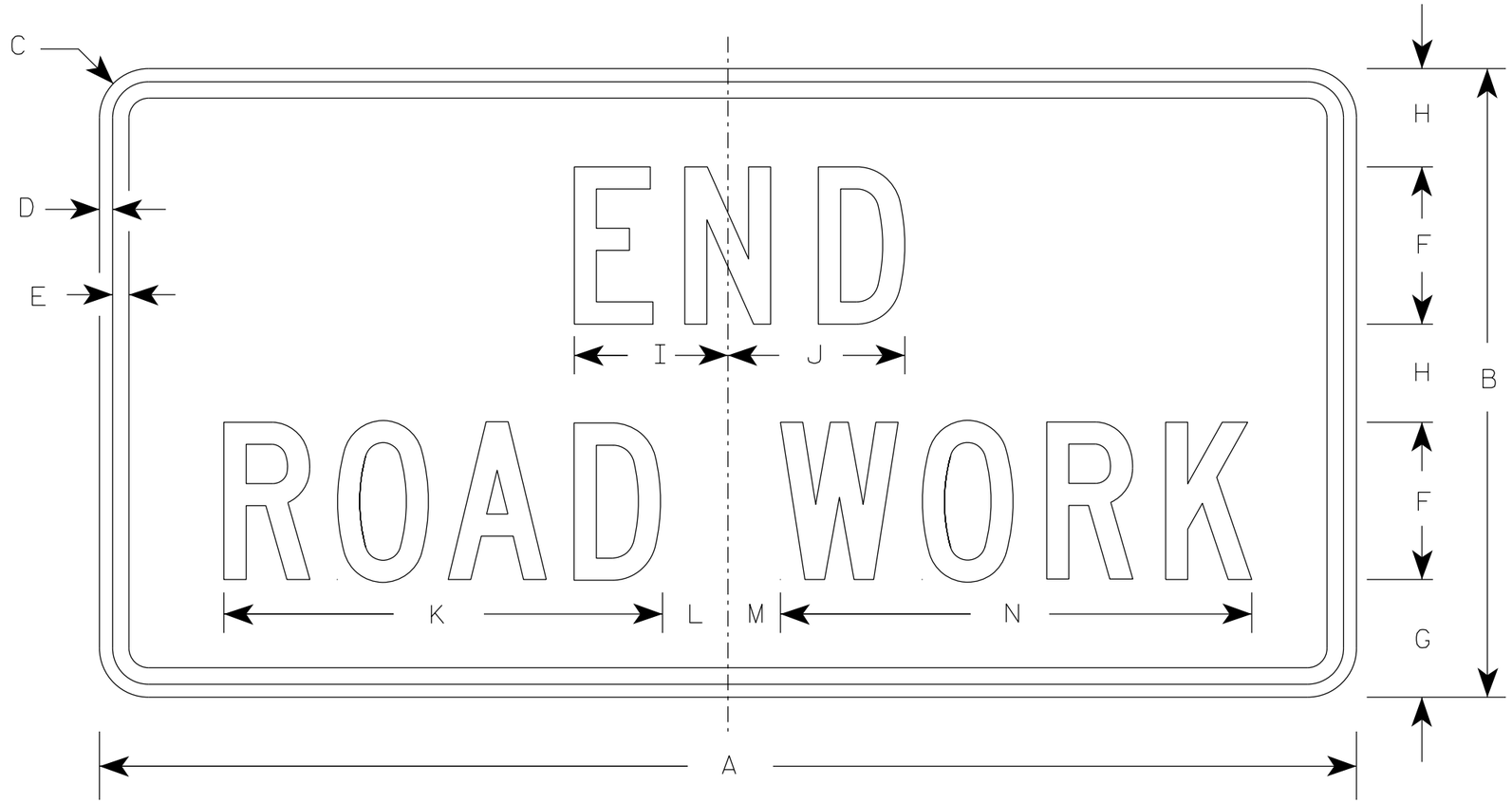
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

PROJECT NO:

SHEET NO: 260 E



G20-2A

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

G20-2A

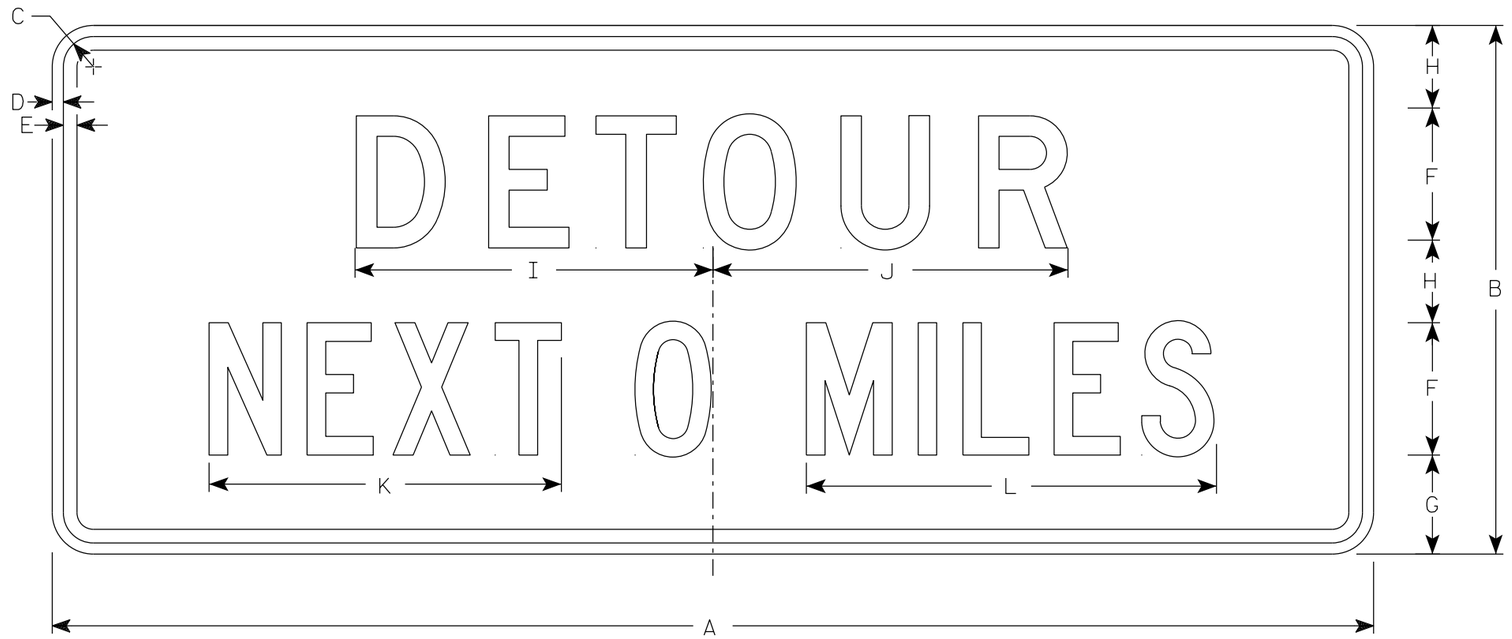
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

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

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\G202A.dgn PLOT DATE : 26-JAN 2023 8:27 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



G20-51

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - Line 1 is D and Line 2 is C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0

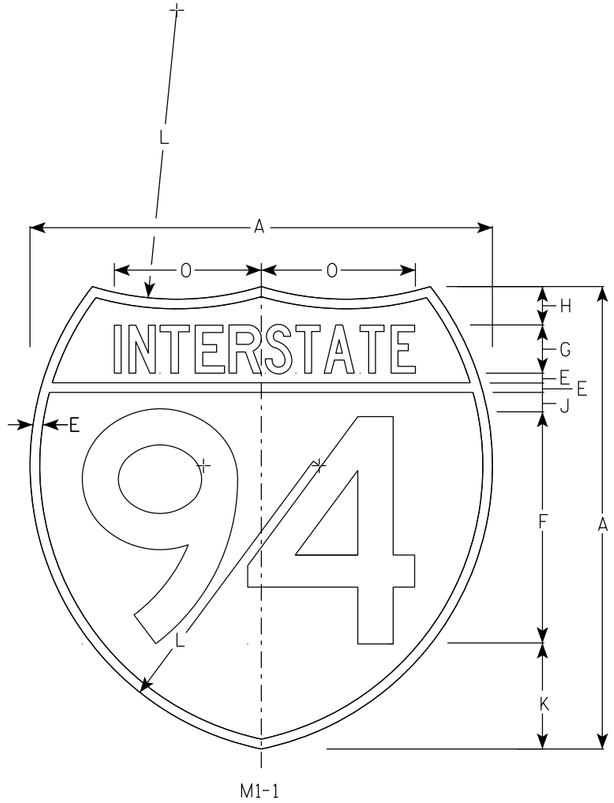
STANDARD SIGN
G20-51

WISCONSIN DEPT OF TRANSPORTATION

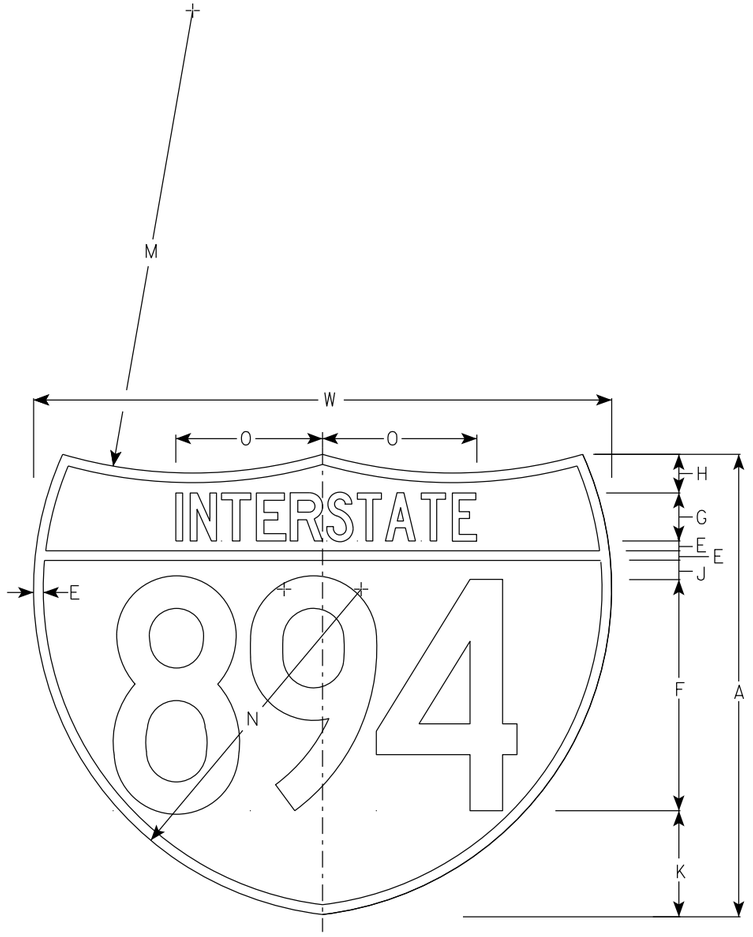
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-51.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 262	E



M1-1



M1-1A

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Top Red - Bottom Blue
   Message - White
3. Message Series - See note 5
4. Substitute appropriate numerals & ajust spacing as per plate A10-1.
5. M1-1 - Numerals - D
   Interstate - C
   M1-1A - All copy - 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	M1-1 Area sq. ft.	M1-1A Area sq. ft.
1																											
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
2M	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79

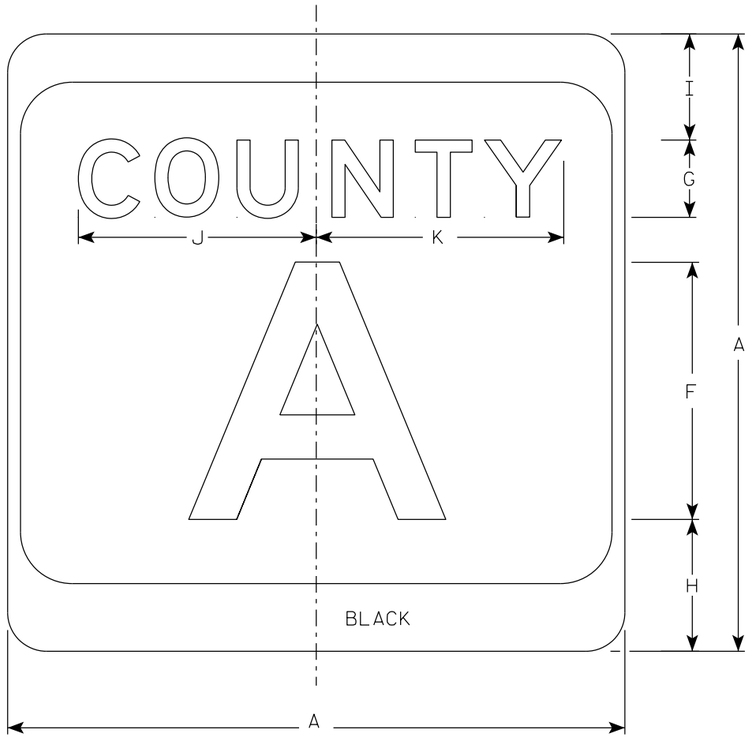
INTERSTATE ROUTE MARKER M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

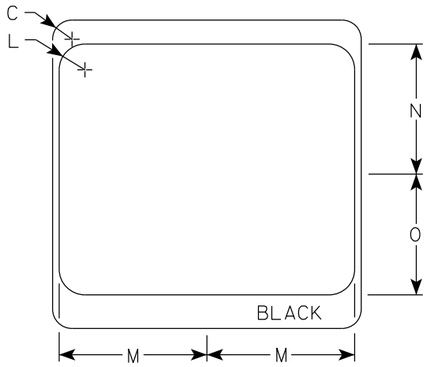
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/7/2022 PLATE NO. M1-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 263 E

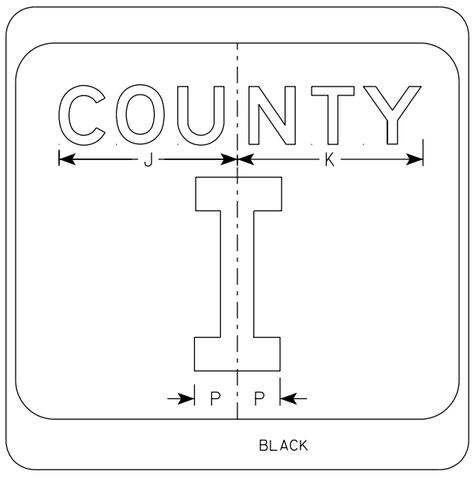


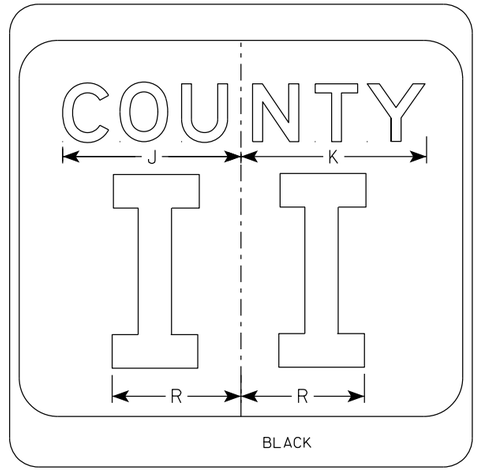
M1-5A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White & Black
   Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
5. Substitute appropriate letters & optically center to achieve proper balance.





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

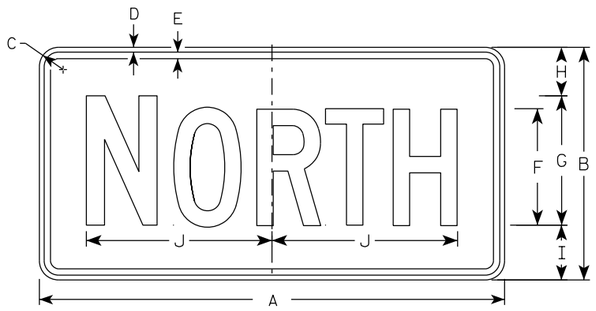
DATE 11/8/2022 PLATE NO. M1-5A.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

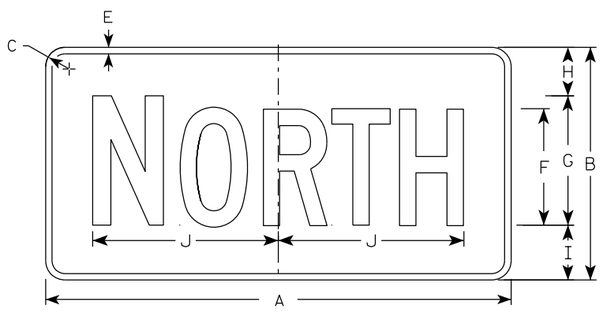
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

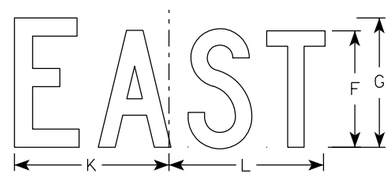
7



M3-1
MM3-1
MP3-1

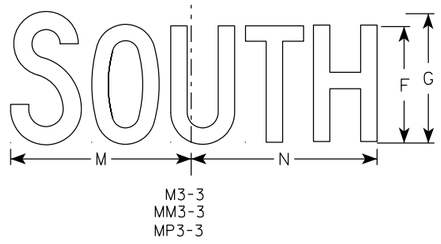


MB3-1
MK3-1
MN3-1

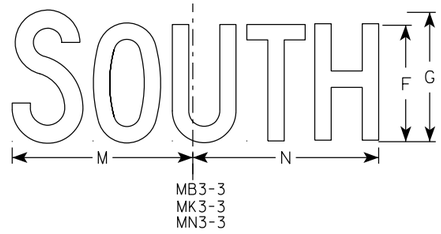


M3-2
MM3-2
MP3-2

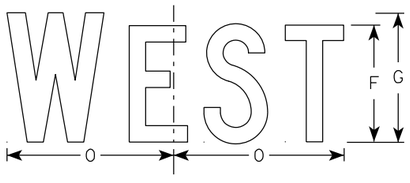
MB3-2
MK3-2
MN3-2



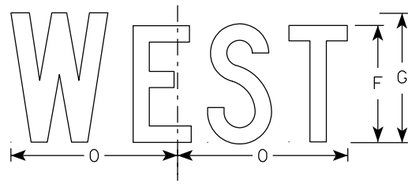
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2M	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

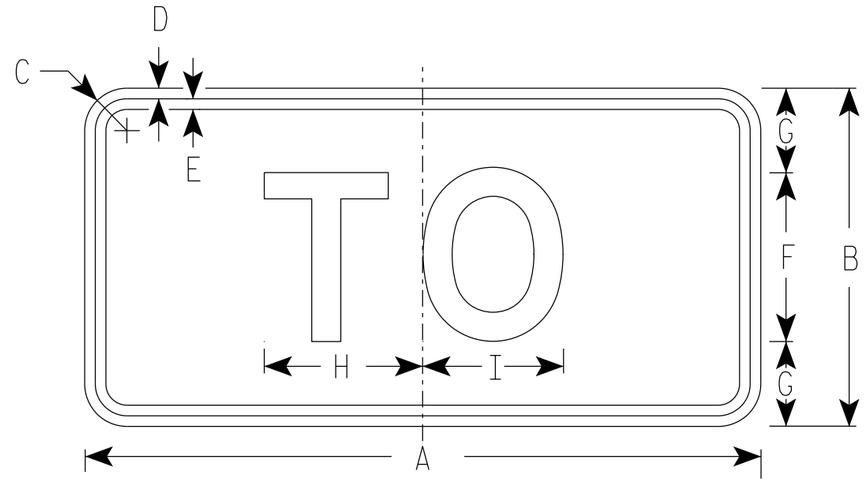
STANDARD SIGNS
M3-1 THRU M3-4
SERIES

WISCONSIN DEPT OF TRANSPORTATION

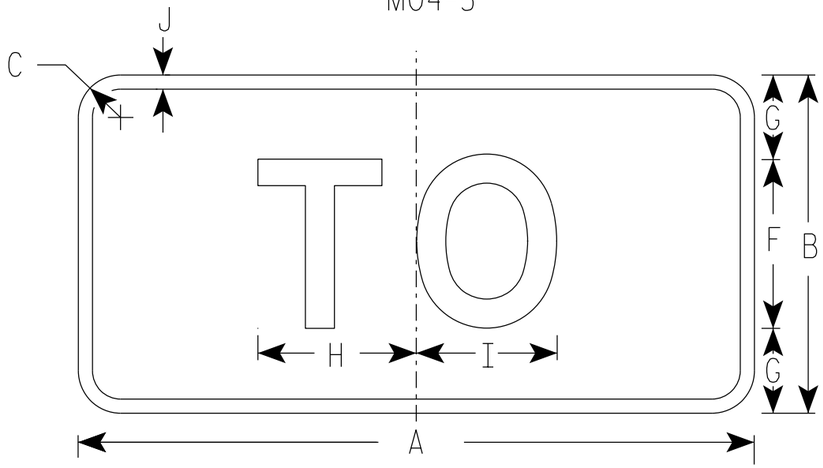
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 265 | E



M4-5
MM4-5
MP4-5
M04-5



MB4-5
MK4-5
MN4-5

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
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. M4-5 Background - White
   Message - Black

   MB4-5 Background - Blue
   Message - White

   MK4-5 Background - Green
   Message - White

   MM4-5 Background - White
   Message - Green

   MN4-5 Background - Brown
   Message - White

   MP4-5 Background - White
   Message - Blue

   M04-5 Background - Orange Type F Reflective
   Message - Black

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 ½	⅜	⅜	6	3	5 ⅜	5 ¼	½																	2.00
2M	24	12	1 ½	⅜	⅜	6	3	5 ⅜	5 ¼	½																	2.00
3	36	18	1 ½	⅜	½	9	4 ½	8 ¼	8 ⅜	½																	4.5
4	36	18	1 ½	⅜	½	9	4 ½	8 ¼	8 ⅜	½																	4.5
5	36	18	1 ½	⅜	½	9	4 ½	8 ¼	8 ⅜	½																	4.5

STANDARD SIGN
M4-5

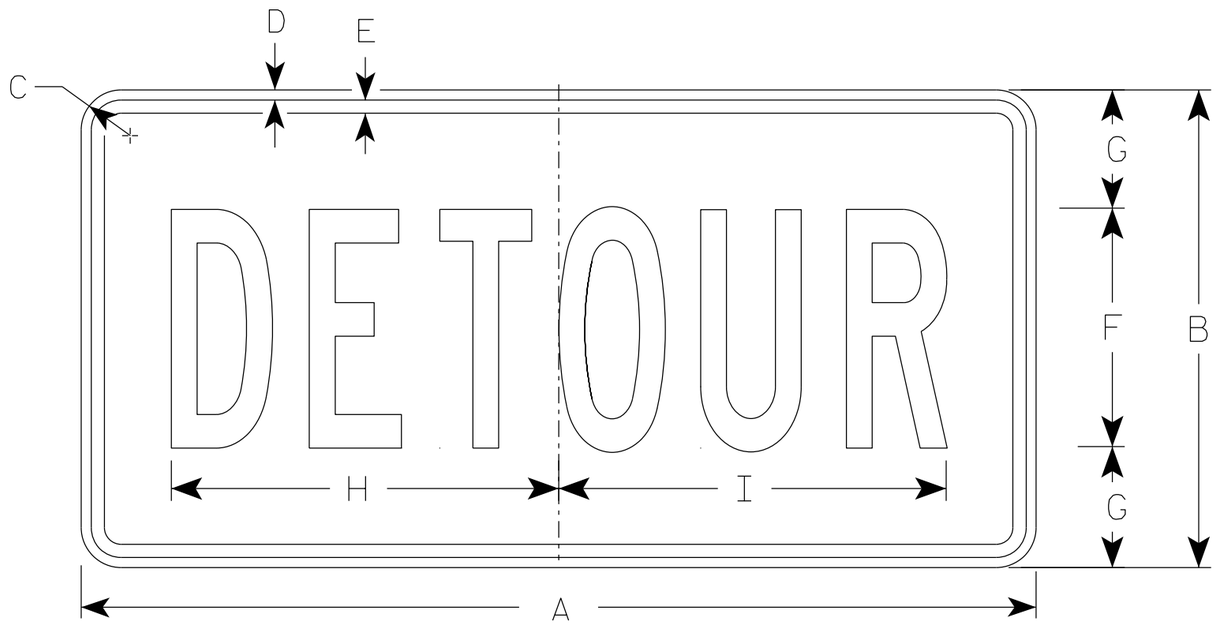
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/8/2023 PLATE NO. M4-5.11

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 266 E

7



M4-8

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

STANDARD SIGN
M4-8

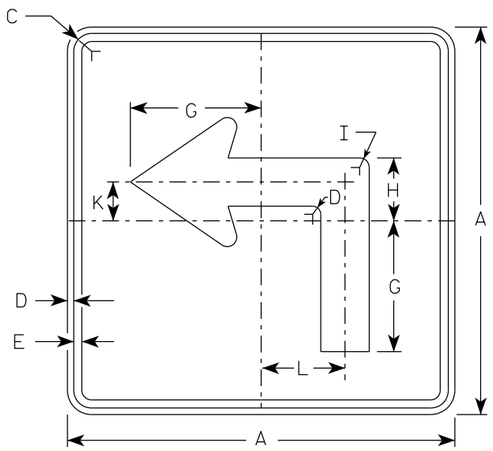
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

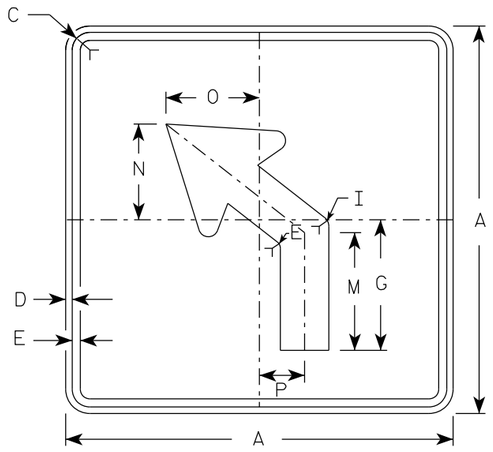
DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: E

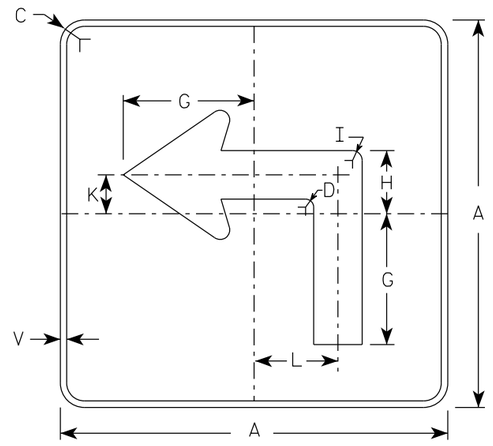
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M48.dgn PLOT DATE : 9-FEB 2023 7:38 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



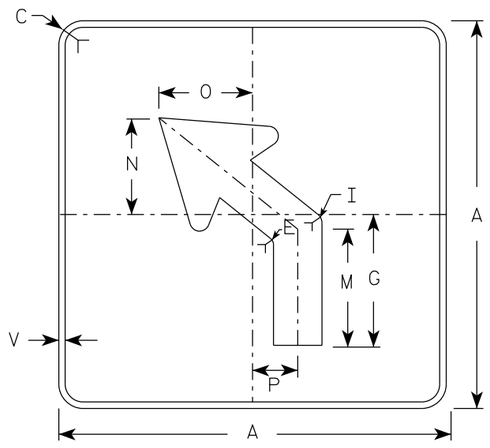
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

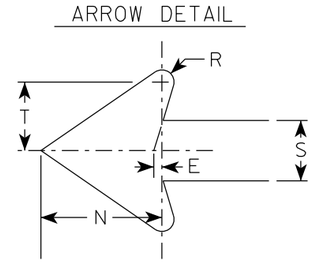


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

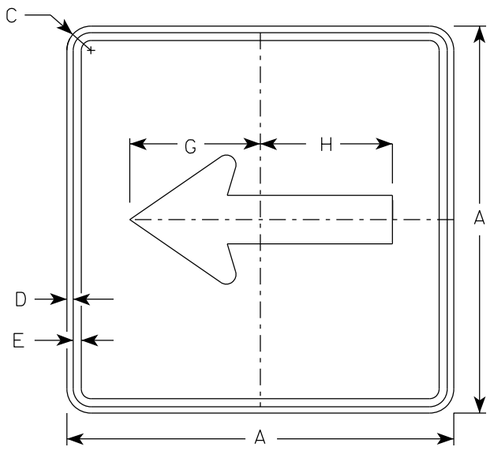
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

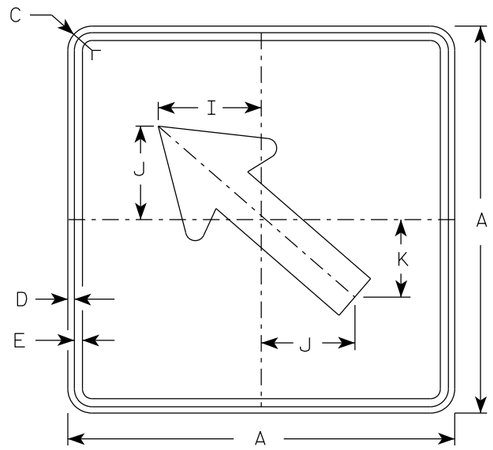
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

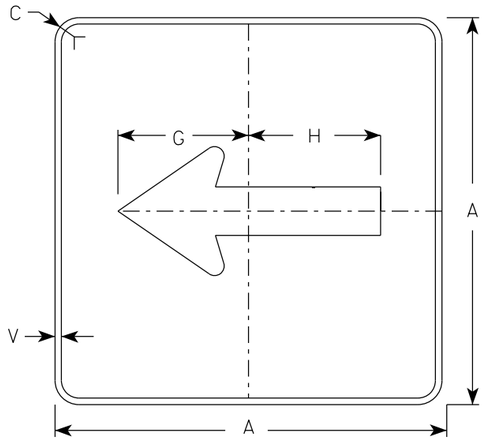
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 268 | E



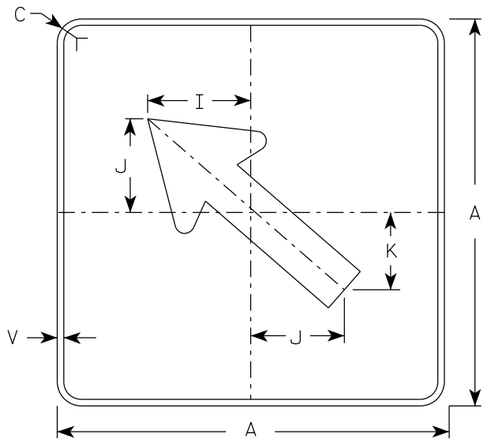
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

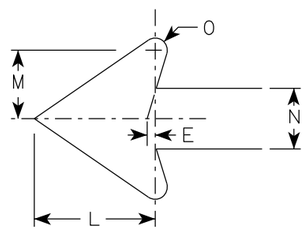


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

ARROW DETAIL



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

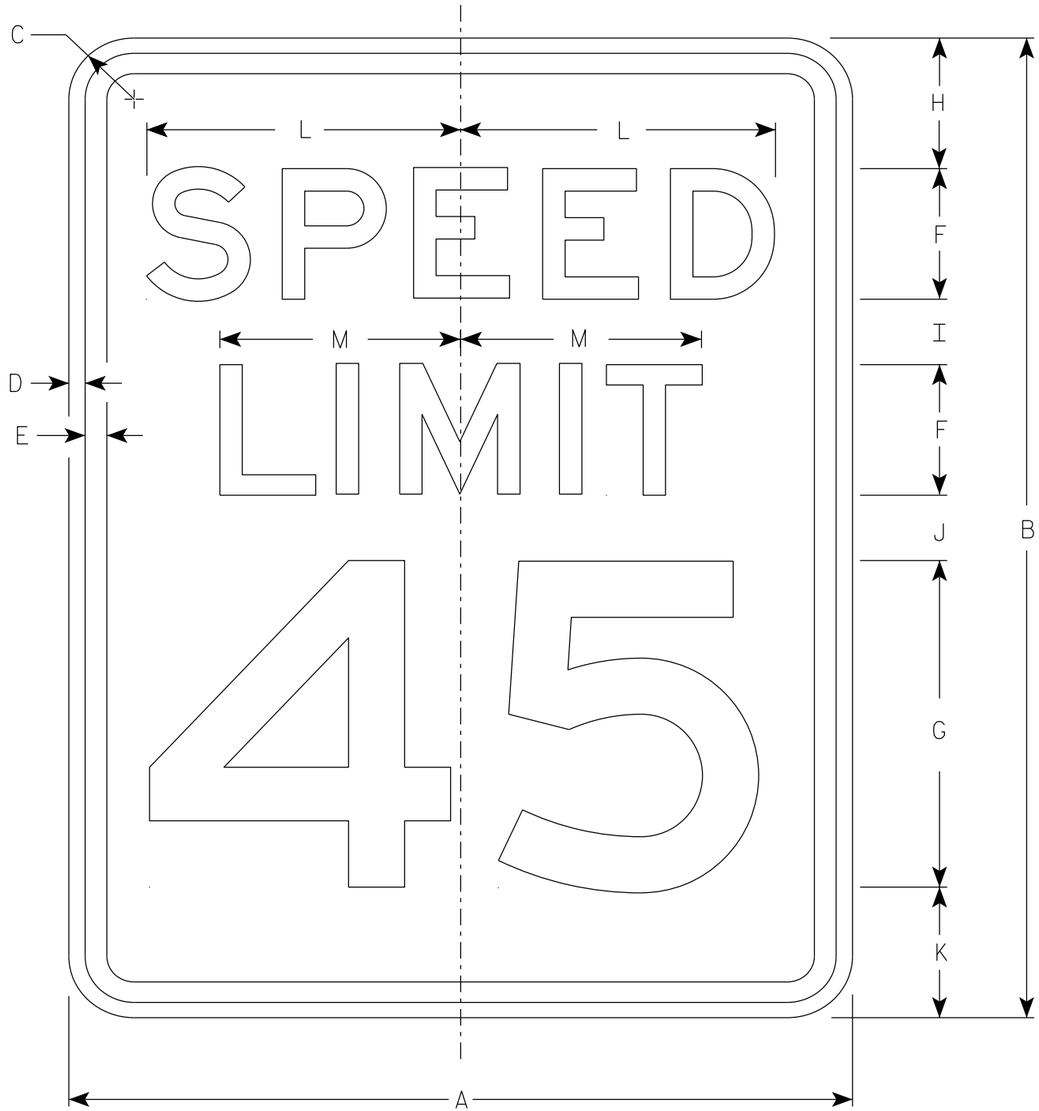
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 269 | E

7

7



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

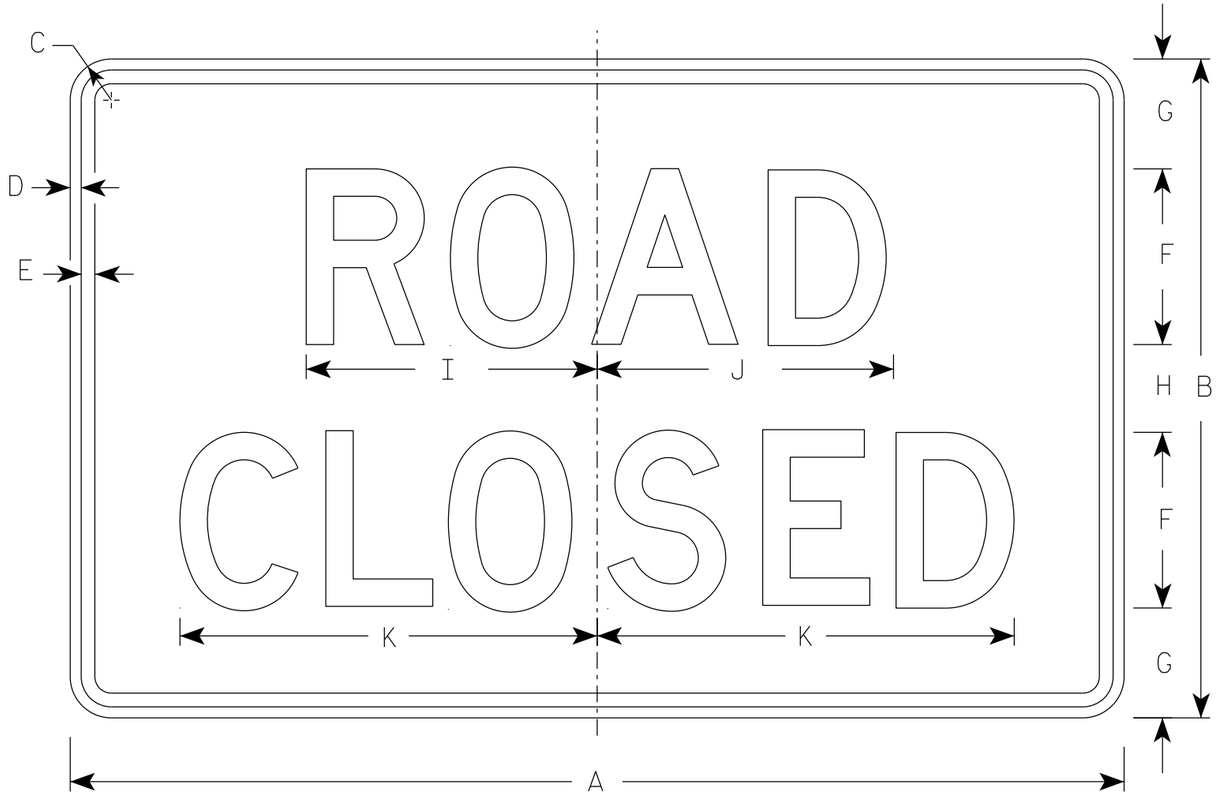
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

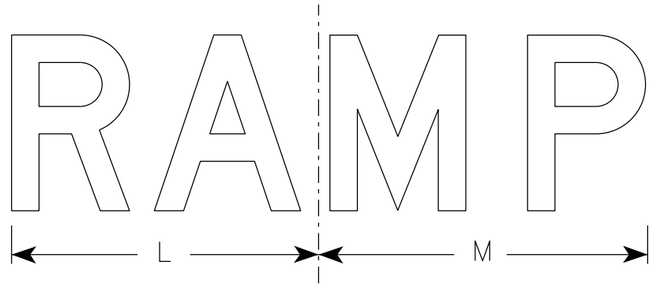
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 270 | E



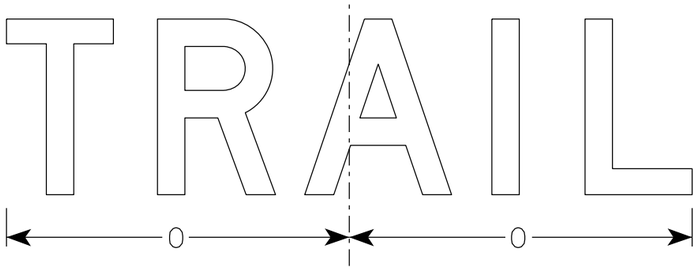
R11-2

NOTES

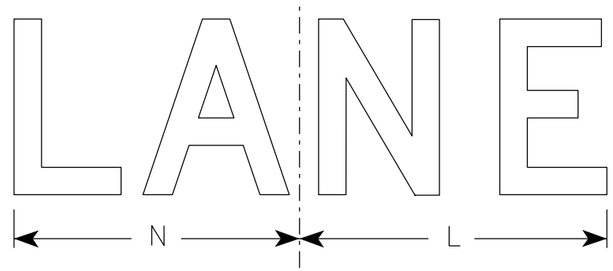
1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Modify the message as required.



R11-2R



R11-2T



R11-2L

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	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
2M	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
3	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
4	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0
5	48	30	1 7/8	1/2	5/8	8	5	4	13 1/4	13 1/2	19	14	15	13	15 5/8												10.0

STANDARD SIGN
R11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-2.12

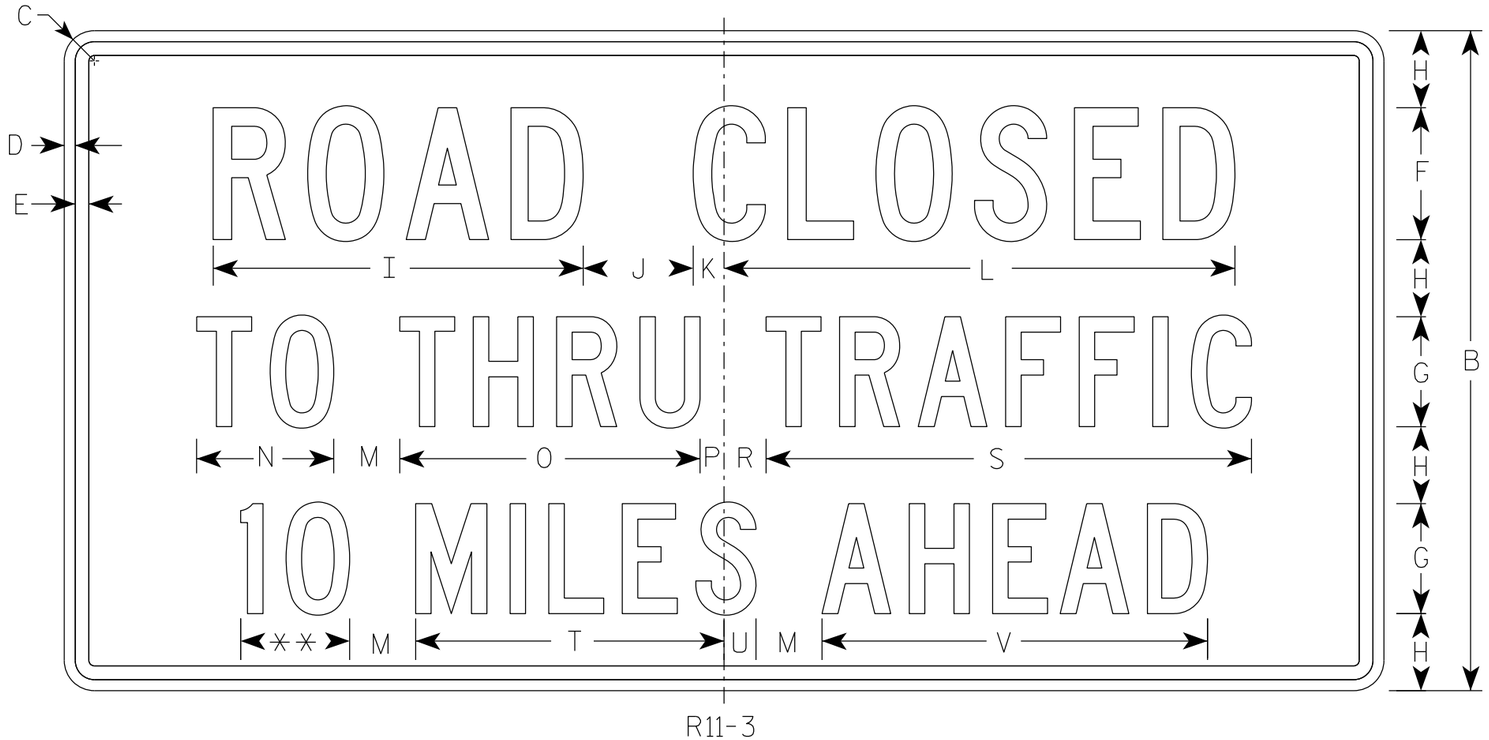
PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R112.dgn PLOT DATE : 5-FEB 2024 2:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

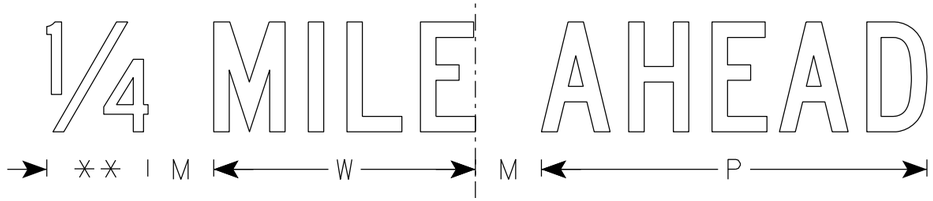
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 7/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

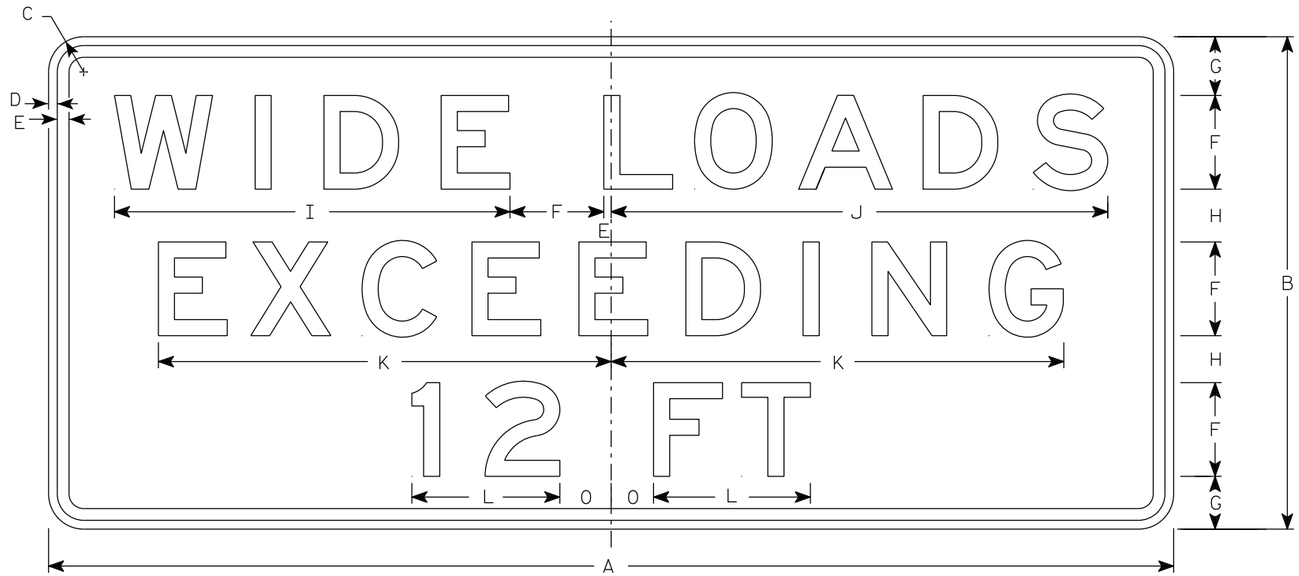
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

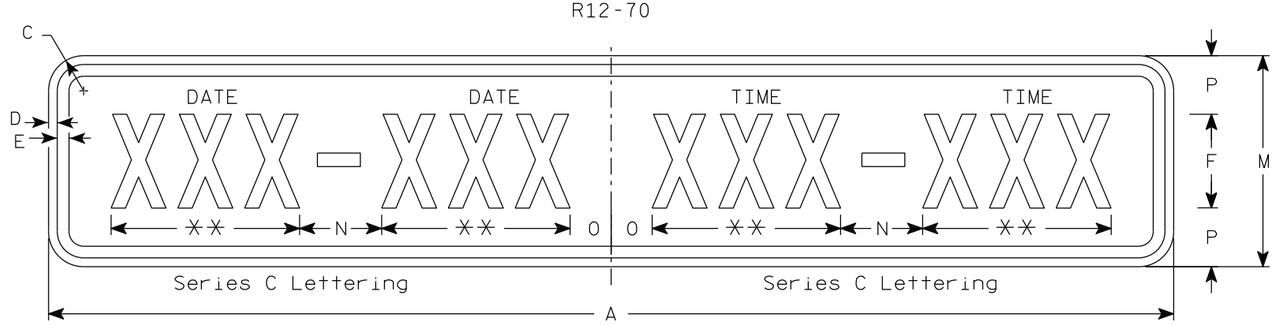
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 272 | E



R12-70



R12-70C

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E except as noted
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.

** Substitute appropriate message, optically center message

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	R12-70 Area sq. ft.	R12-70C Area sq. ft.
1																												
2S	66	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	6	3	3											16.5	5.5
2M	66	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	6	3	3											16.5	5.5
3	66	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	6	3	3											16.5	5.5
4	96	42	3	3/4	1	8	5	4	34	42	39	13	18	7	3 1/2	5											36.0	12.0
5	96	42	3	3/4	1	8	5	4	34	42	39	13	18	7	3 1/2	5											36.0	12.0

TYPICAL SIGN
R12-70

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

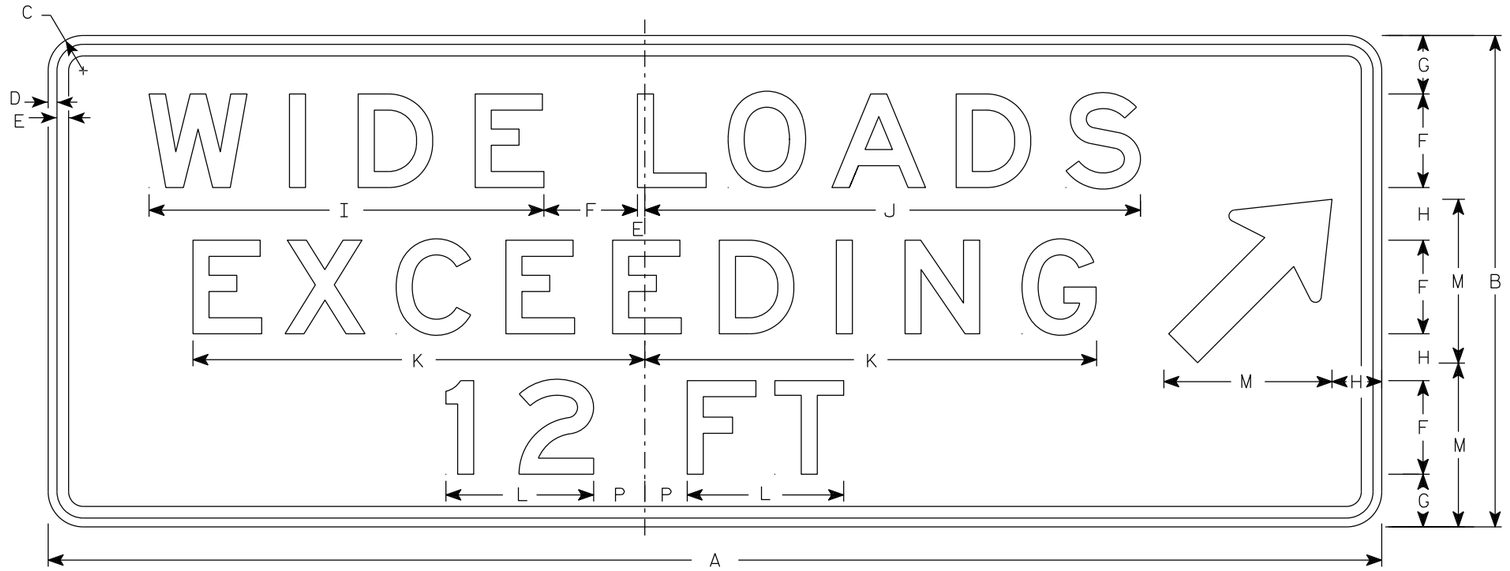
DATE 2/9/24 PLATE NO. R12-70.7

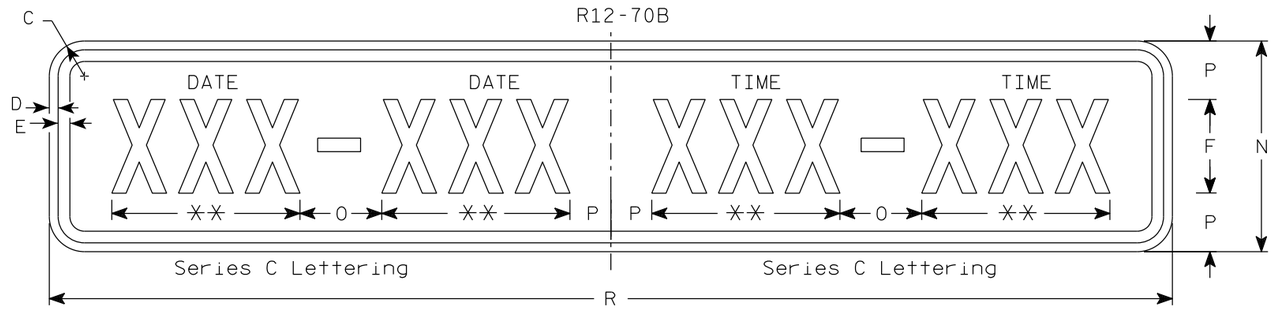
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 273	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E except as noted
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.

** Substitute appropriate message, optically center message





R12-70C

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	R12-70 Area sq. ft.	R12-70C Area sq. ft.
1																												
2S	90	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	12	6	3		66									22.5	5.5
2M	90	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	12	6	3		66									22.5	5.5
3	90	36	3	1/2	5/8	6	4	5	20 7/8	28 3/8	24 5/8	8 1/8	12	12	6	3		66									22.5	5.5
4	114	42	3	3/4	1	8	5	4	34	42	39	13	14	18	7	3 1/2		96									36.75	12.0
5	114	42	3	3/4	1	8	5	4	34	42	39	13	14	18	7	3 1/2		96									36.75	12.0

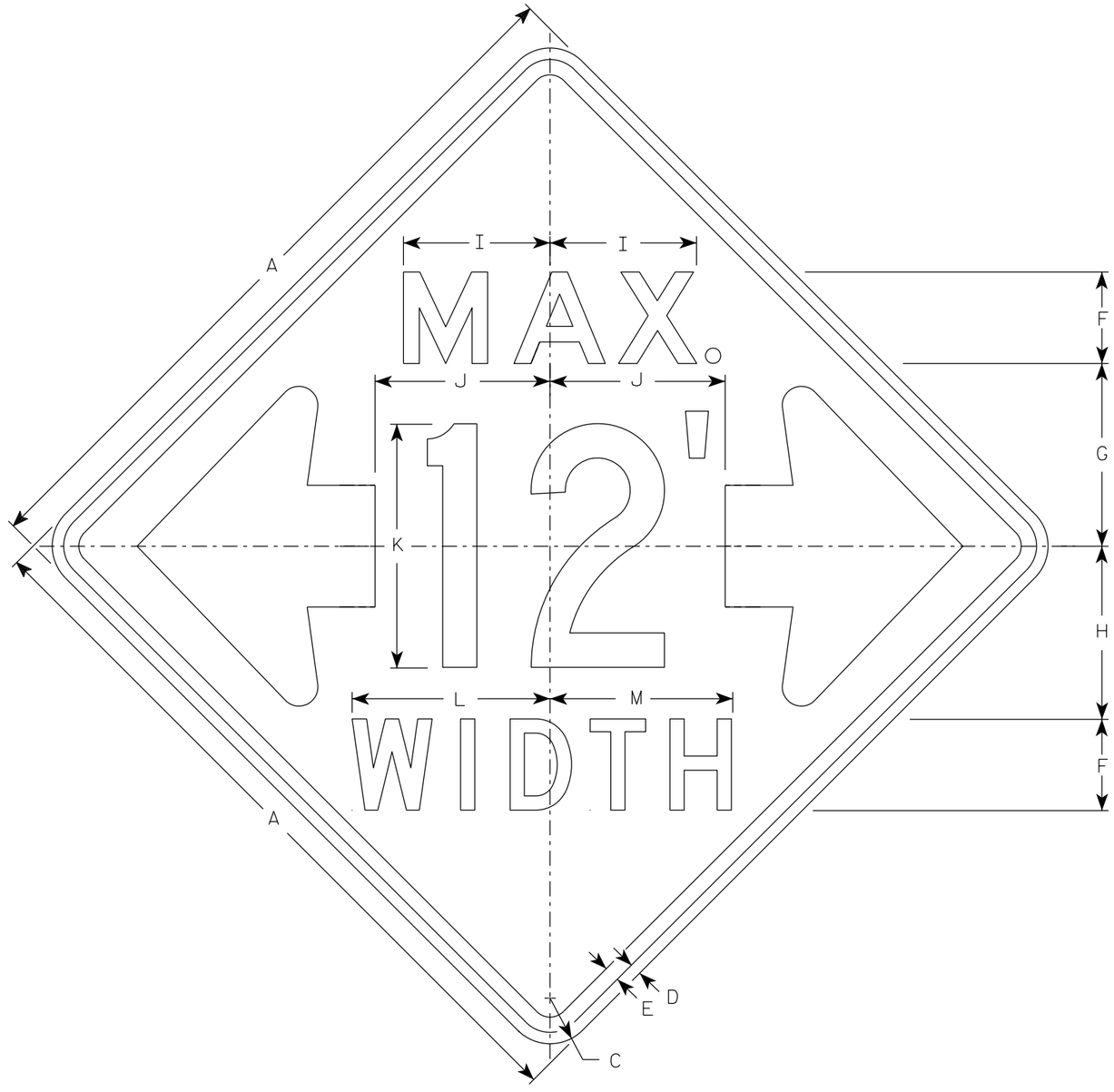
TYPICAL SIGN
R12-70B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/24 PLATE NO. R12-70B.4

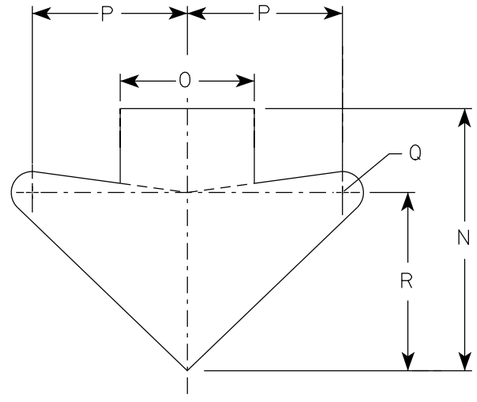
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 274	E



W12-52

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. The top line is series E, the numerals are series C, and the bottom line is series D.
5. Substitute appropriate numerals and adjust spacing as required.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
2M	48		3	¾	1	6	12	11 ⅜	9 ⅝	11 ½	16	13	12	15 ⅝	8	9 ¼	1 ¼	10 ⅝									16.0
3																											
4																											
5																											

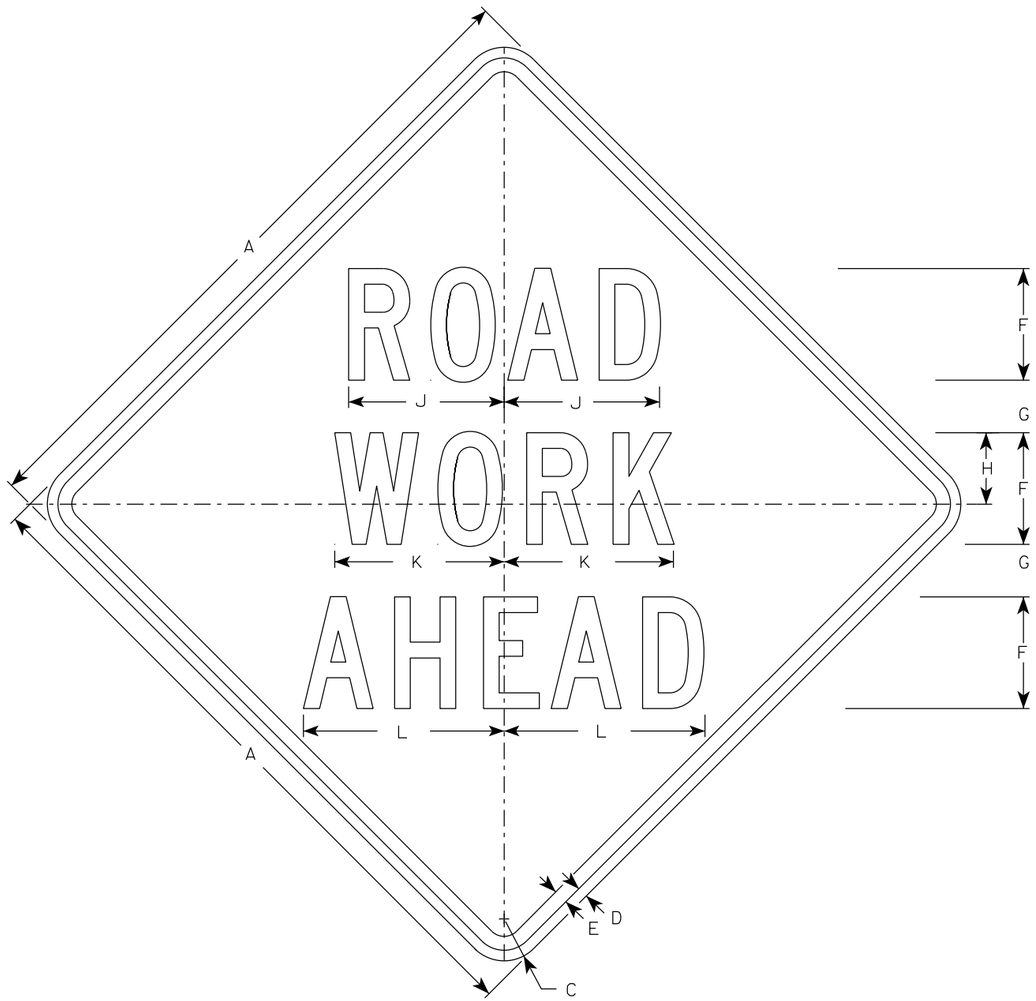
STANDARD SIGN
W12-52

WISCONSIN DEPT OF TRANSPORTATION

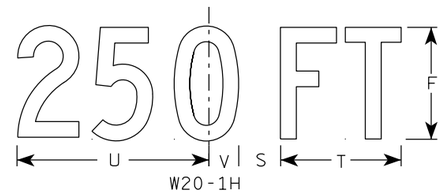
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/10/2024 PLATE NO. W12-52.8

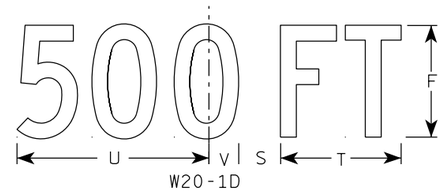
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 275 | E



W20-1A



W20-1H



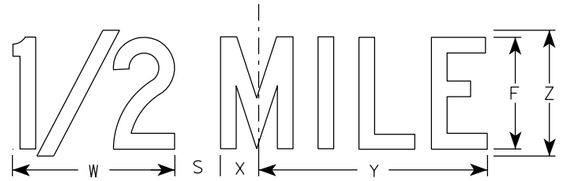
W20-1D

W20-1C

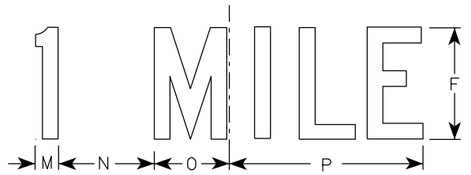
W20-1B

NOTES

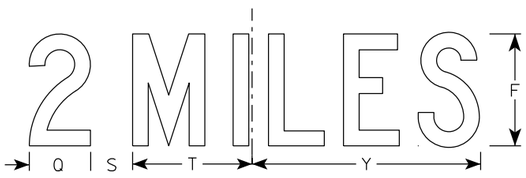
1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



W20-1F



W20-1E

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

STANDARD SIGN
W20-1A, B, C, D, E, F, G & H

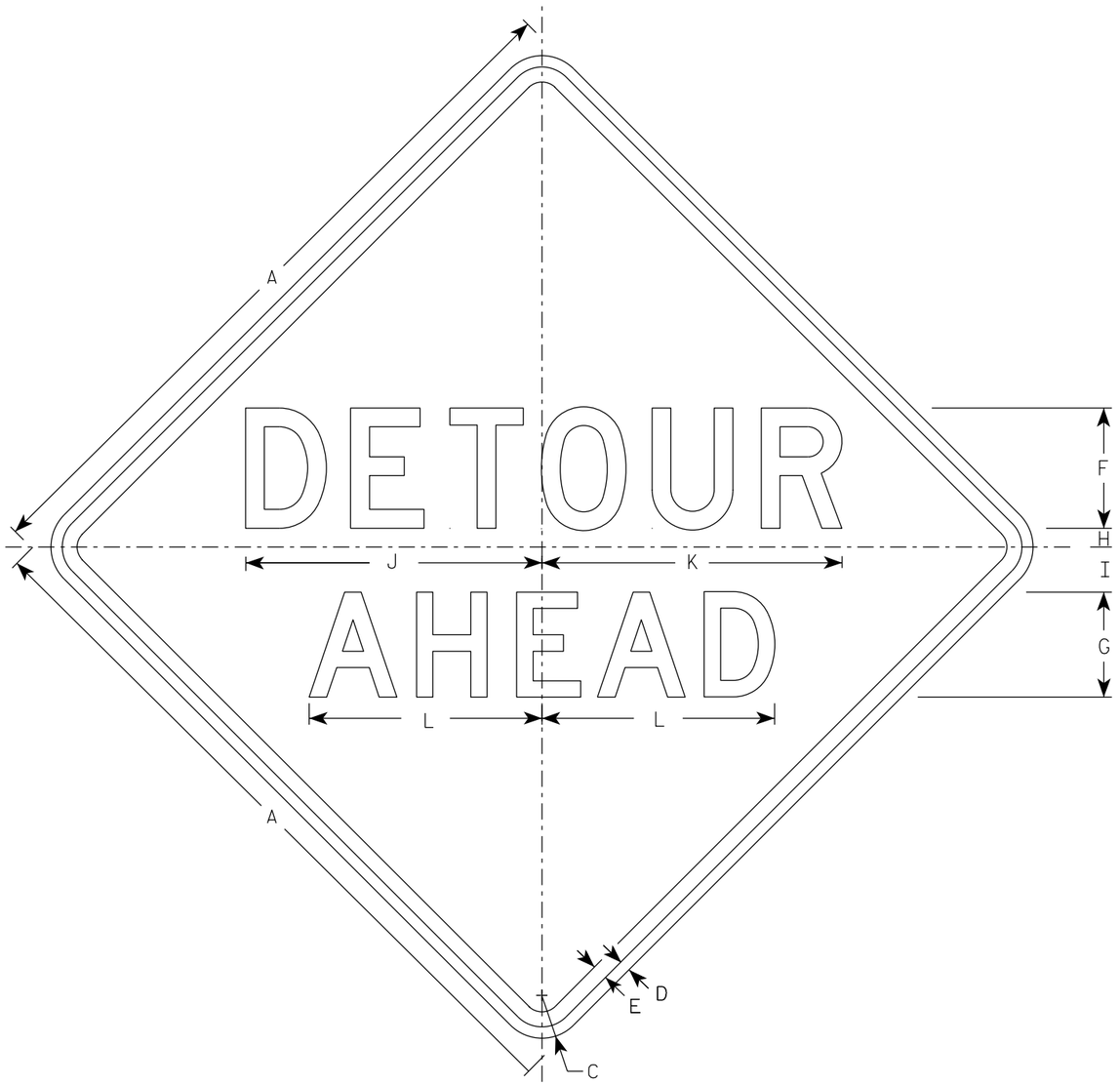
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

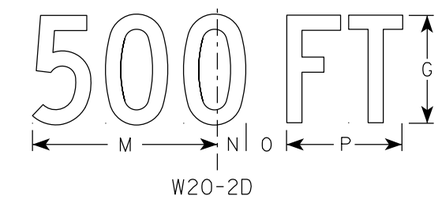
DATE 1/10/2024 PLATE NO. W20-1.12

PROJECT NO:

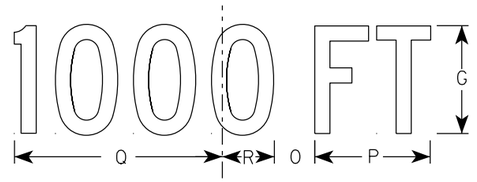
SHEET NO: 276 E



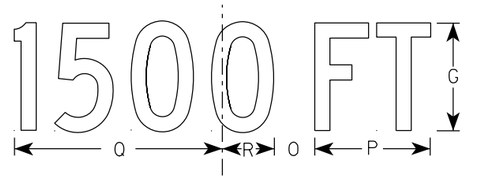
W20-2A



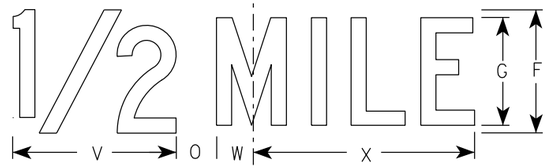
W20-2D



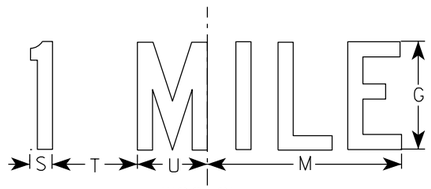
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

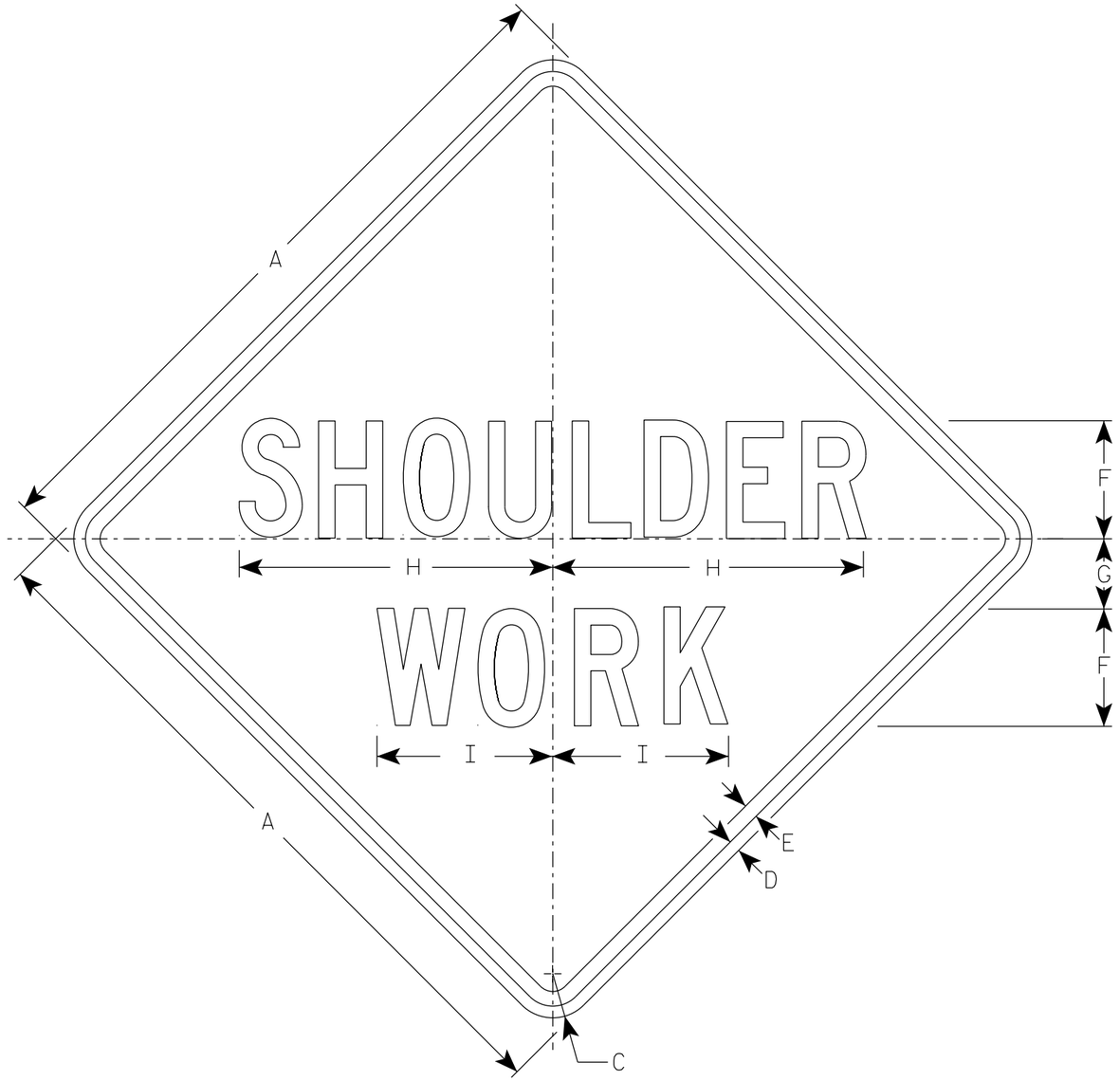
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



W21-5

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C

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

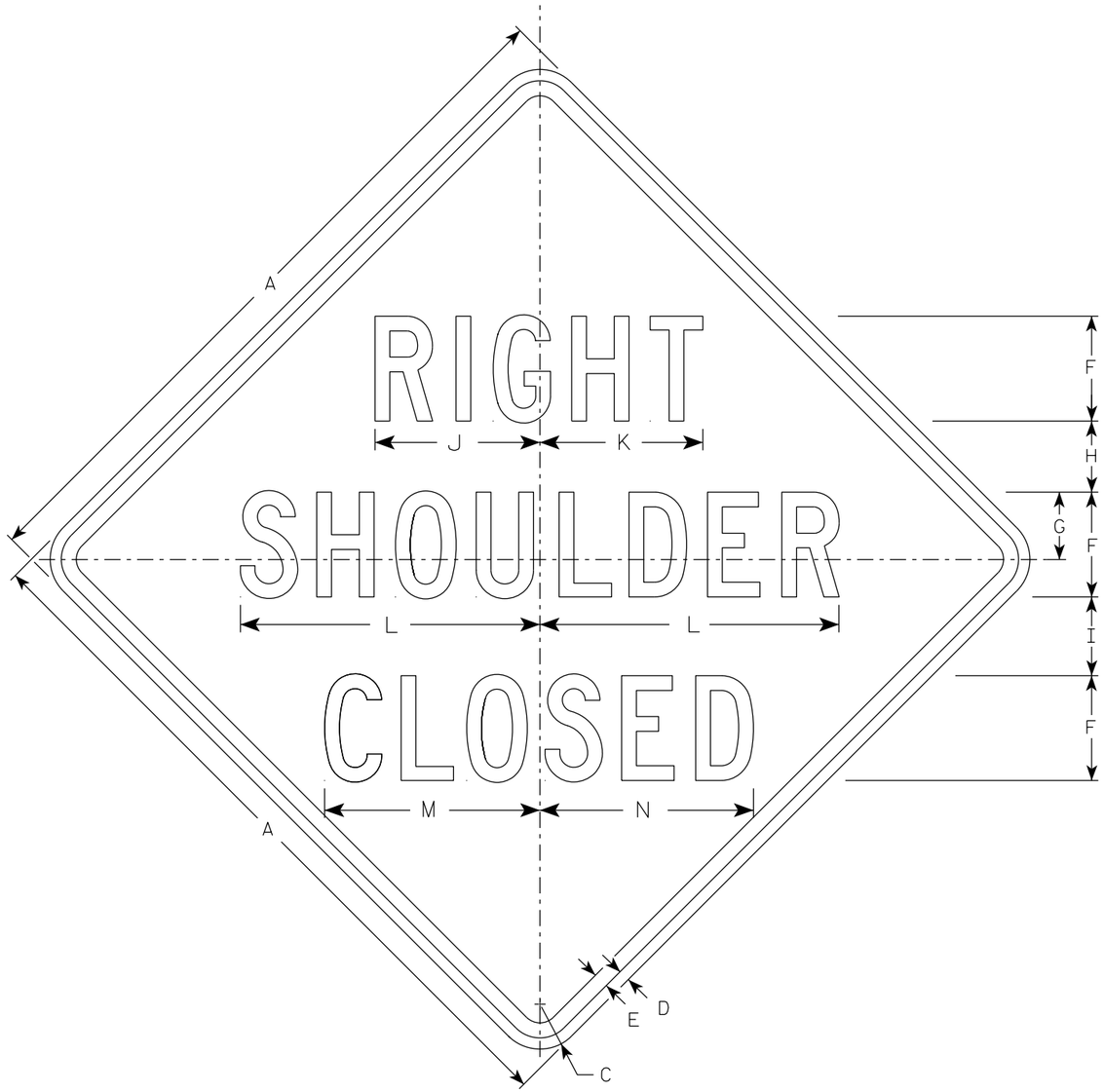
STANDARD SIGN
W21-5

WISCONSIN DEPT OF TRANSPORTATION

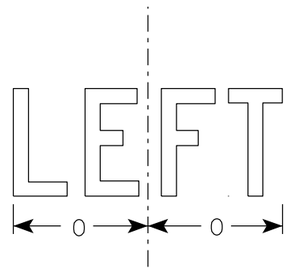
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 1/11/2024 PLATE NO. W21-5.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 278 | E



W21-5A



W21-5AL

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D

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

STANDARD SIGN
W21-5A

WISCONSIN DEPT OF TRANSPORTATION

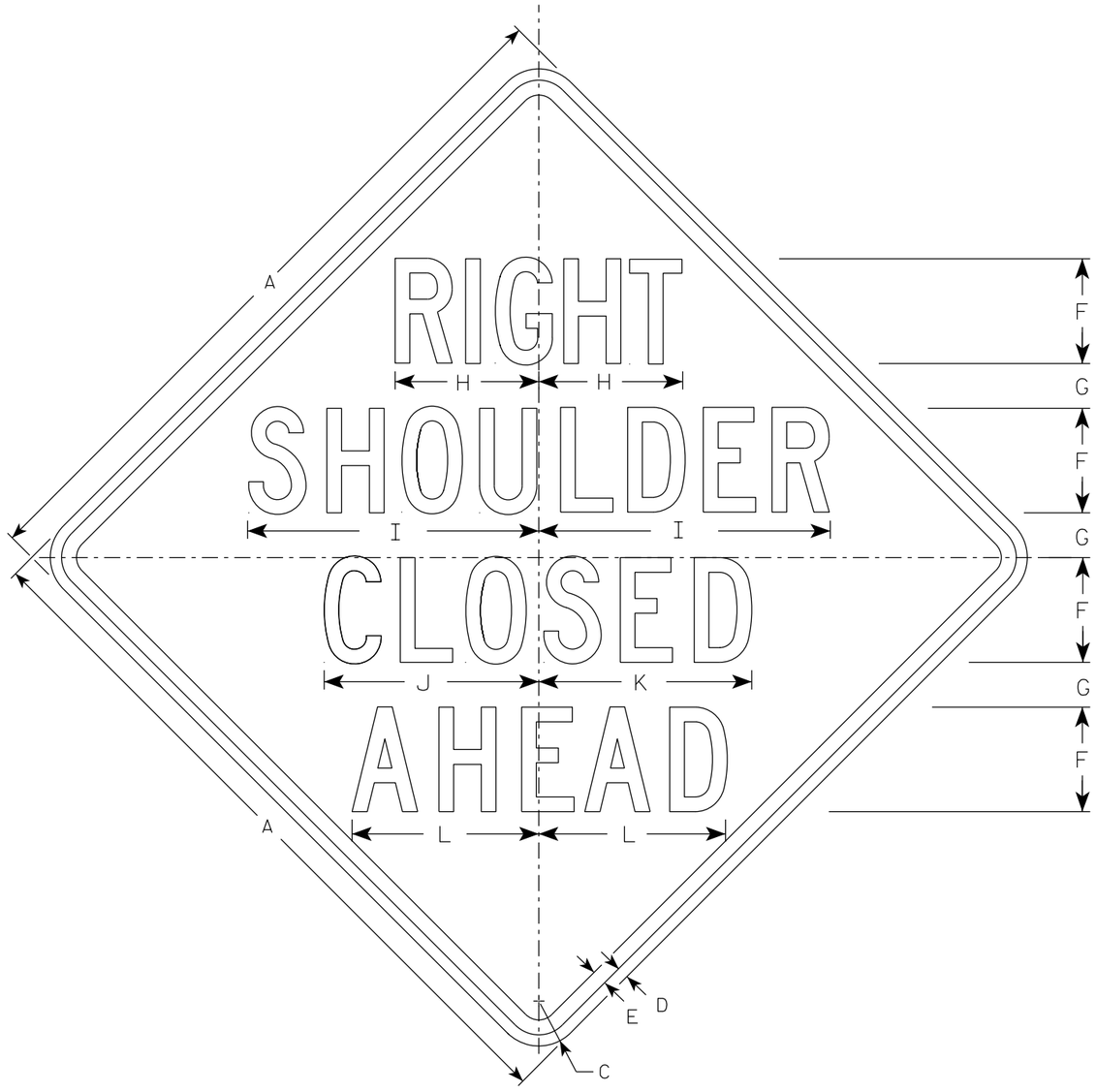
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/11/2024 PLATE NO. W21-5A.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 279 | E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W215A.dgn PLOT DATE : 11-JAN 2024 3:48 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

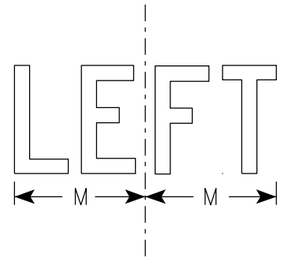
7



W21-5B

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



W21-5BL

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

STANDARD SIGN
W21-5B

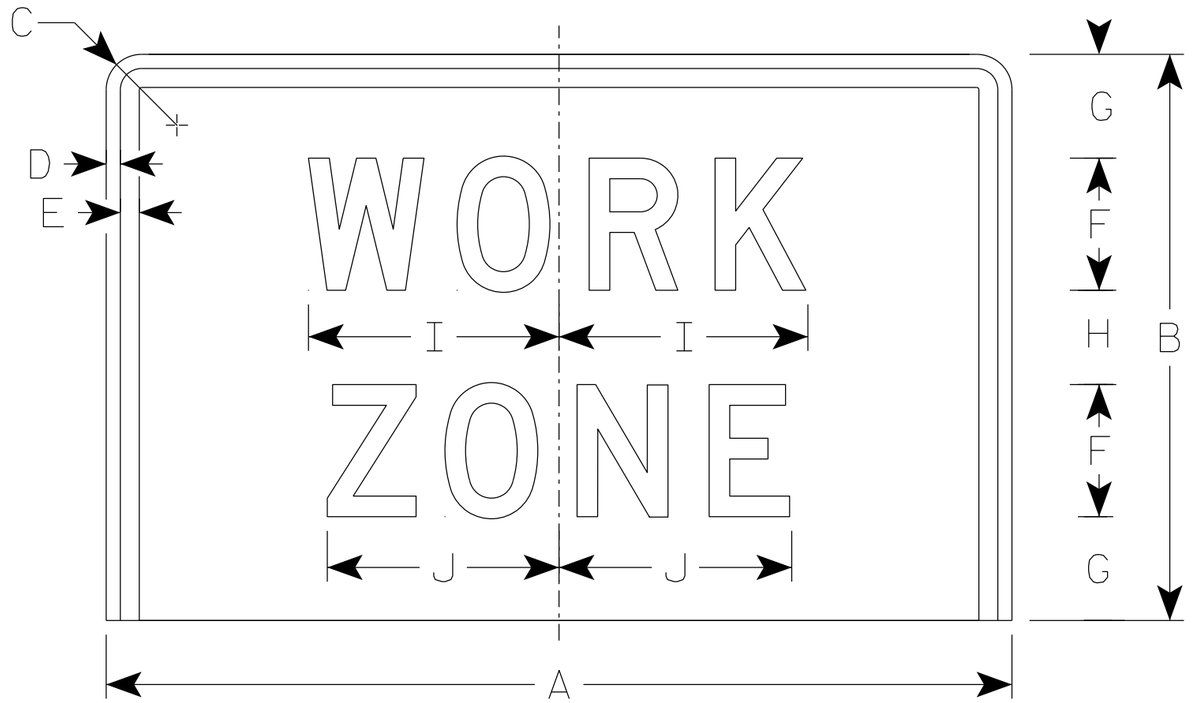
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/16/2024 PLATE NO. W21-5B.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 280 E

7



W21-62Q

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	12 1/4																	10.0
2M	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	12 1/4																	10.0
3	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	12 1/4																	10.0
4	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	12 1/4																	10.0
5	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	12 1/4																	10.0

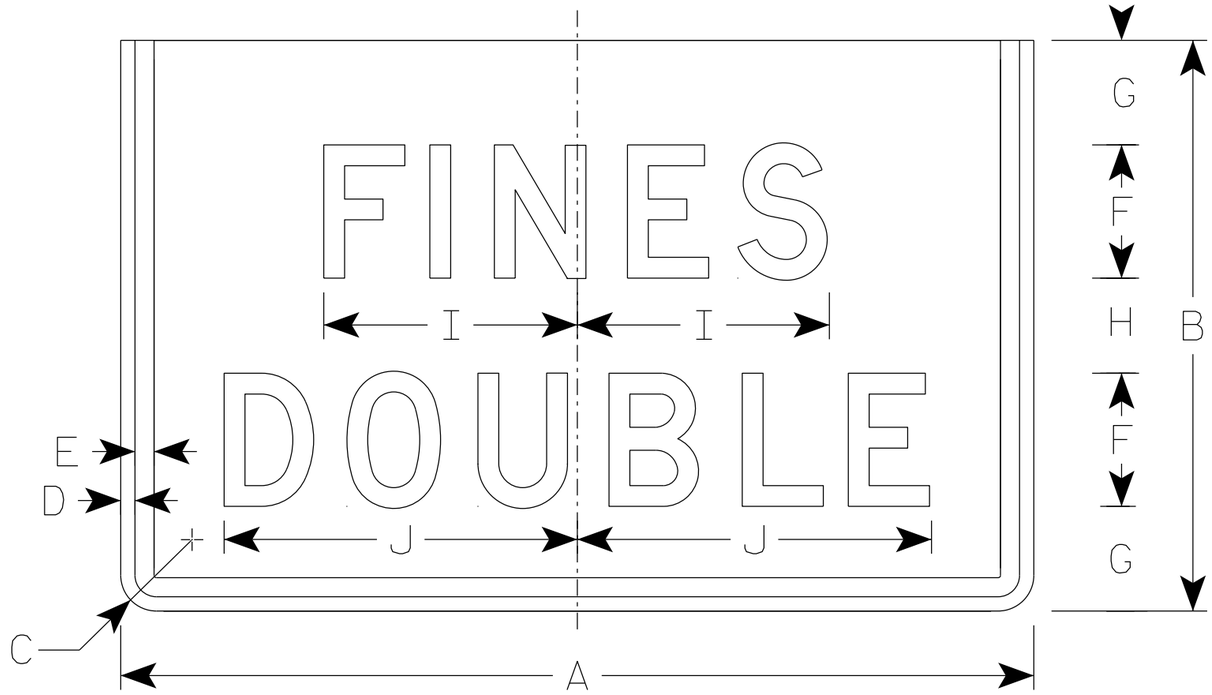
STANDARD SIGN
W21-62Q

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/12/2024 PLATE NO. W21-62Q.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 281 E



W21-62R

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	18 5/8																	10.0
2M	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	18 5/8																	10.0
3	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	18 5/8																	10.0
4	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	18 5/8																	10.0
5	48	30	1 7/8	3/4	1	7	5 1/2	5	13 1/4	18 5/8																	10.0

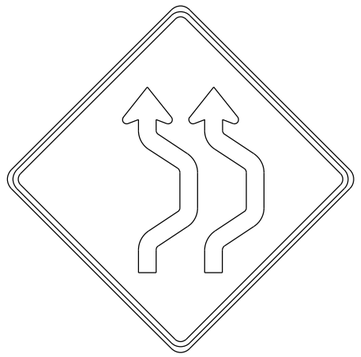
STANDARD SIGN
W21-62R

WISCONSIN DEPT OF TRANSPORTATION

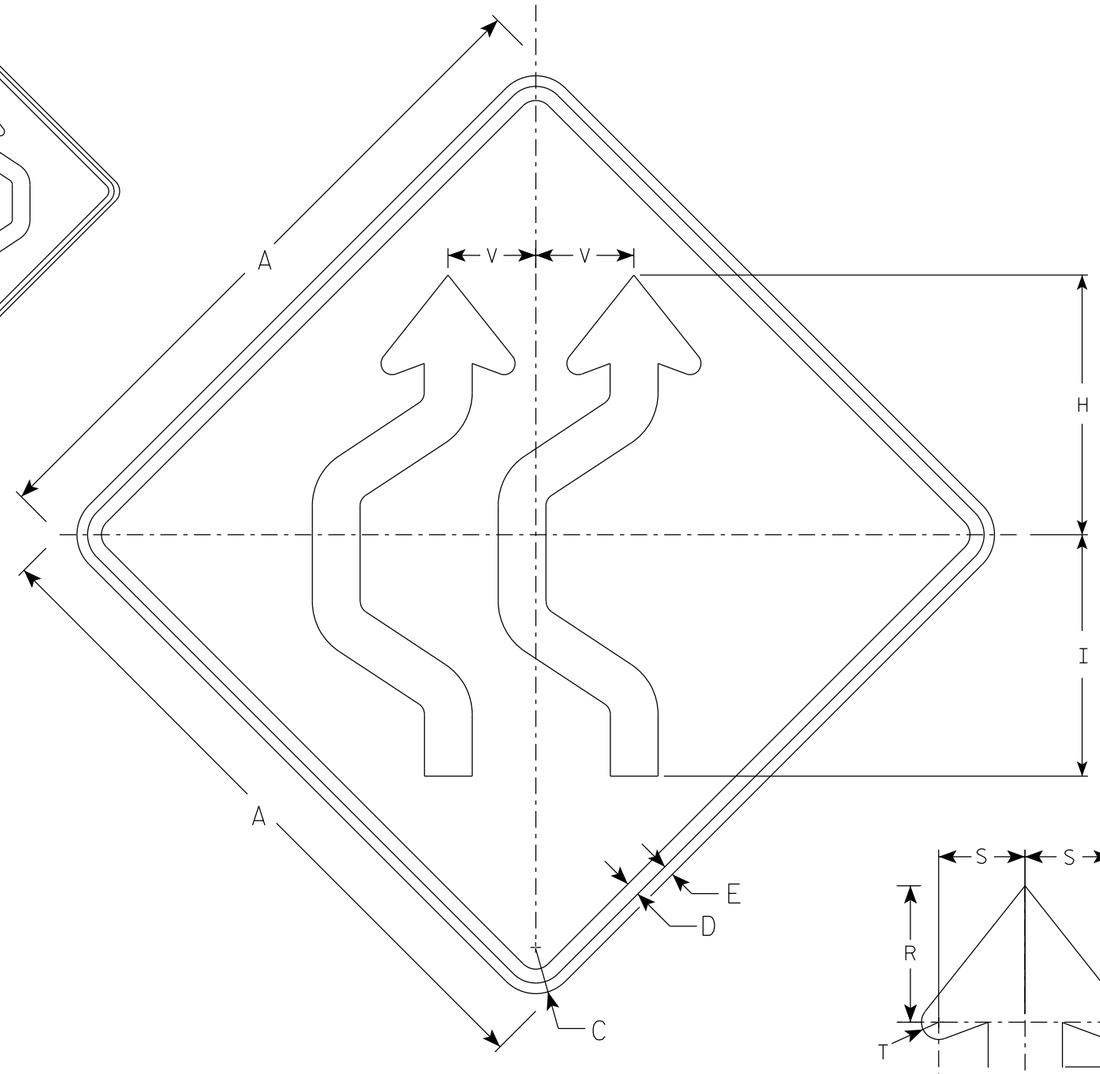
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 3/13/2024 PLATE NO. W21-62R.3

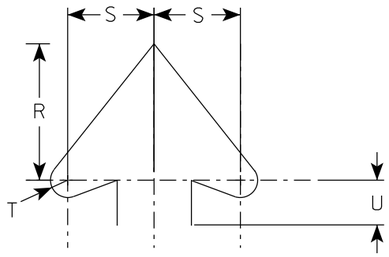
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 282 E



W24-1AR



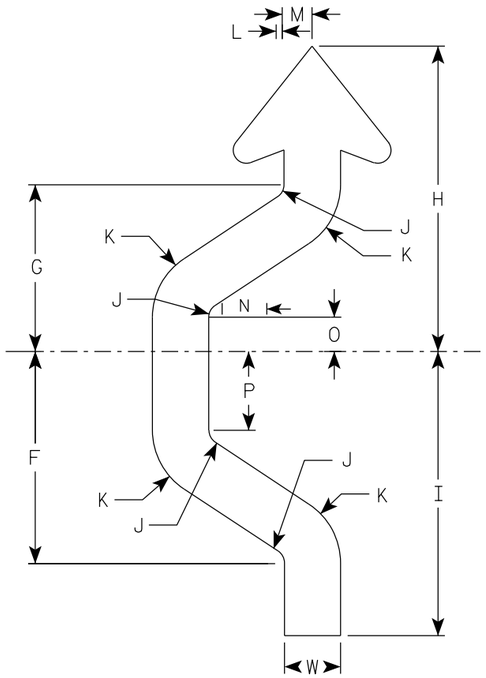
W24-1AL



Arrowhead Detail

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. W24-1AR is the same as W24-1AL except reversed along the vertical centerline.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	1/2	9 1/2	7 1/2	13 3/4	12 3/4	5/8	3 1/8	3/8	1 5/8	2 3/8	1 1/2	3 1/2		4 5/8	3	5/8	1 1/2	4 3/4	2 1/2				9.0
2S	48		3	1	3/4	12 7/8	10 1/8	18 1/2	17 1/4	7/8	4 1/4	3/8	2 1/8	3 1/4	2	4 3/4		6 1/4	4	3/4	2 1/8	6 1/4	3 3/8				16.0
2M	48		3	1	3/4	12 7/8	10 1/8	18 1/2	17 1/4	7/8	4 1/4	3/8	2 1/8	3 1/4	2	4 3/4		6 1/4	4	3/4	2 1/8	6 1/4	3 3/8				16.0
3	48		3	1	3/4	12 7/8	10 1/8	18 1/2	17 1/4	7/8	4 1/4	3/8	2 1/8	3 1/4	2	4 3/4		6 1/4	4	3/4	2 1/8	6 1/4	3 3/8				16.0
4	48		3	1	3/4	12 7/8	10 1/8	18 1/2	17 1/4	7/8	4 1/4	3/8	2 1/8	3 1/4	2	4 3/4		6 1/4	4	3/4	2 1/8	6 1/4	3 3/8				16.0
5	48		3	1	3/4	12 7/8	10 1/8	18 1/2	17 1/4	7/8	4 1/4	3/8	2 1/8	3 1/4	2	4 3/4		6 1/4	4	3/4	2 1/8	6 1/4	3 3/8				16.0

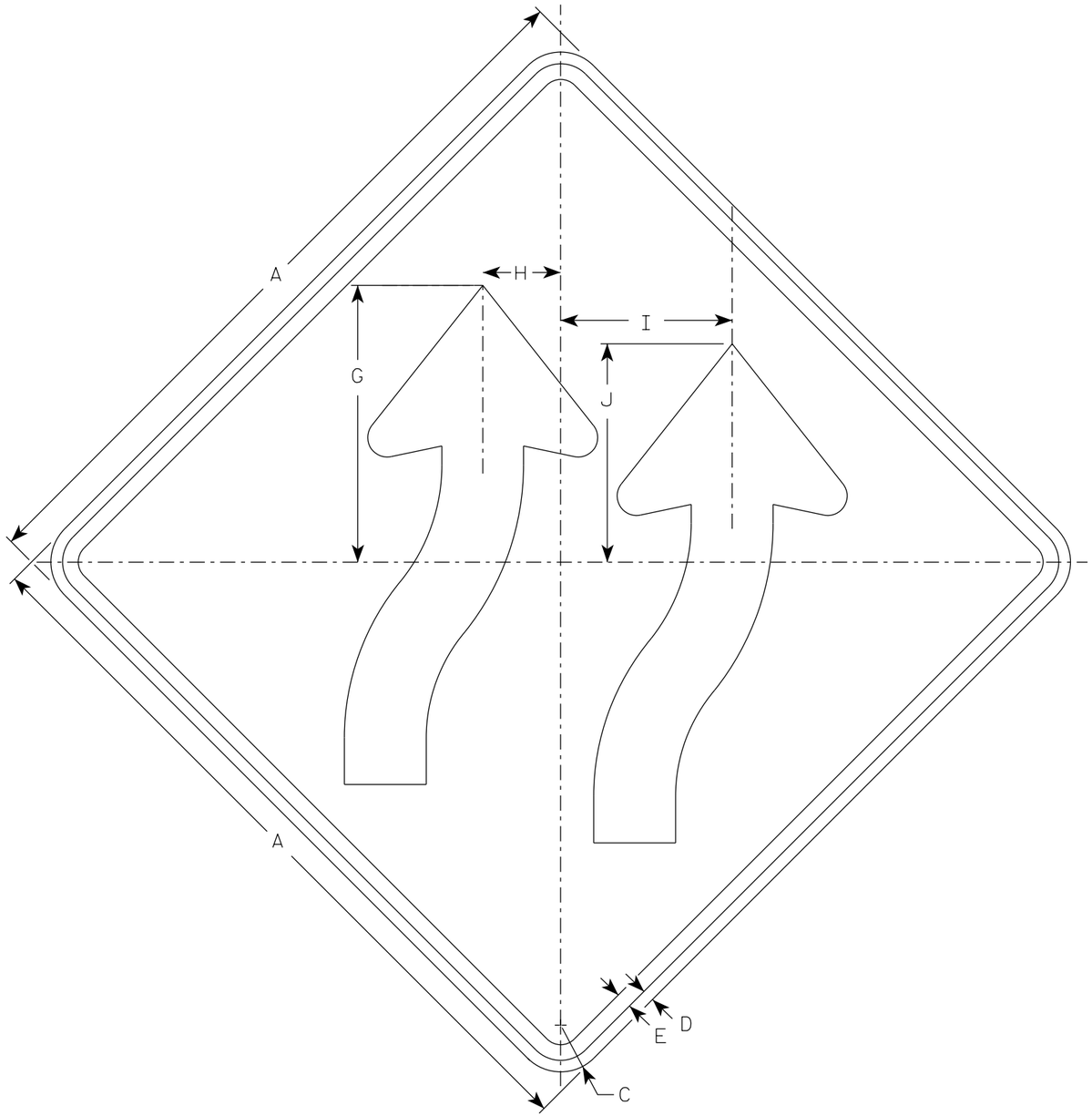
STANDARD SIGN
W24-1AL

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/22/2024 PLATE NO. W24-1AL.3

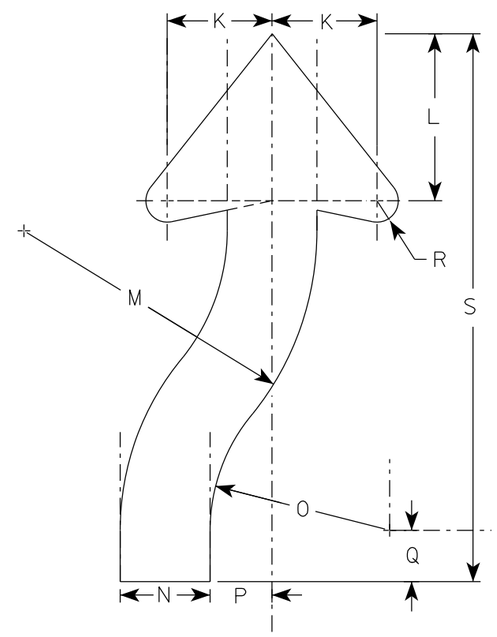
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 283 E



W01-4BR

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W01-4BL is the same as W014-BR exept arrows are reversed along the vertical centerline



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4		13 3/8	3 3/4	8 1/4	10 1/2	4 5/8	7 3/8	12 7/8	3 7/8	7 7/8	2 3/4	2 1/4	7/8	24								9.0
2S	48		3	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
2M	48		3	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
3	48		3	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
4	48		3	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0
5	48		3	3/4	1		17 3/4	5	11	14	6 1/8	9 3/4	17 1/8	5 1/4	10 1/2	3 5/8	3	1 1/4	32								16.0

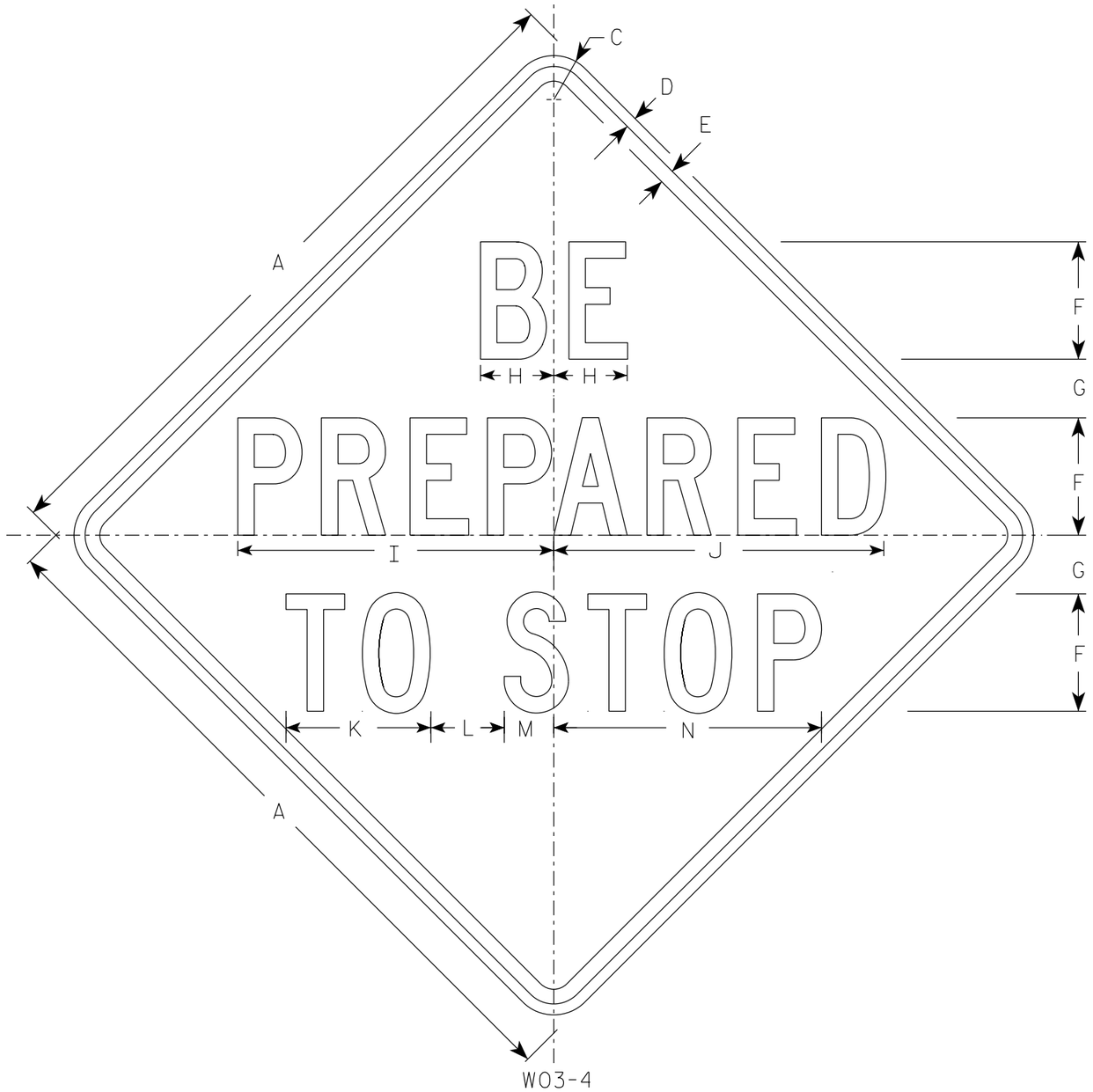
STANDARD SIGN
W01-4B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W01-4B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: E



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	1/2	5/8	6	2 1/2	3 3/4	15 7/8	16 7/8	7 3/8	4	2 3/8	13 3/4													9.0
2S	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
2M	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
3	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
4	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0
5	48		3	3/4	1	8	4	5	21 1/2	22 1/2	9 7/8	5	3 3/8	18 1/4													16.0

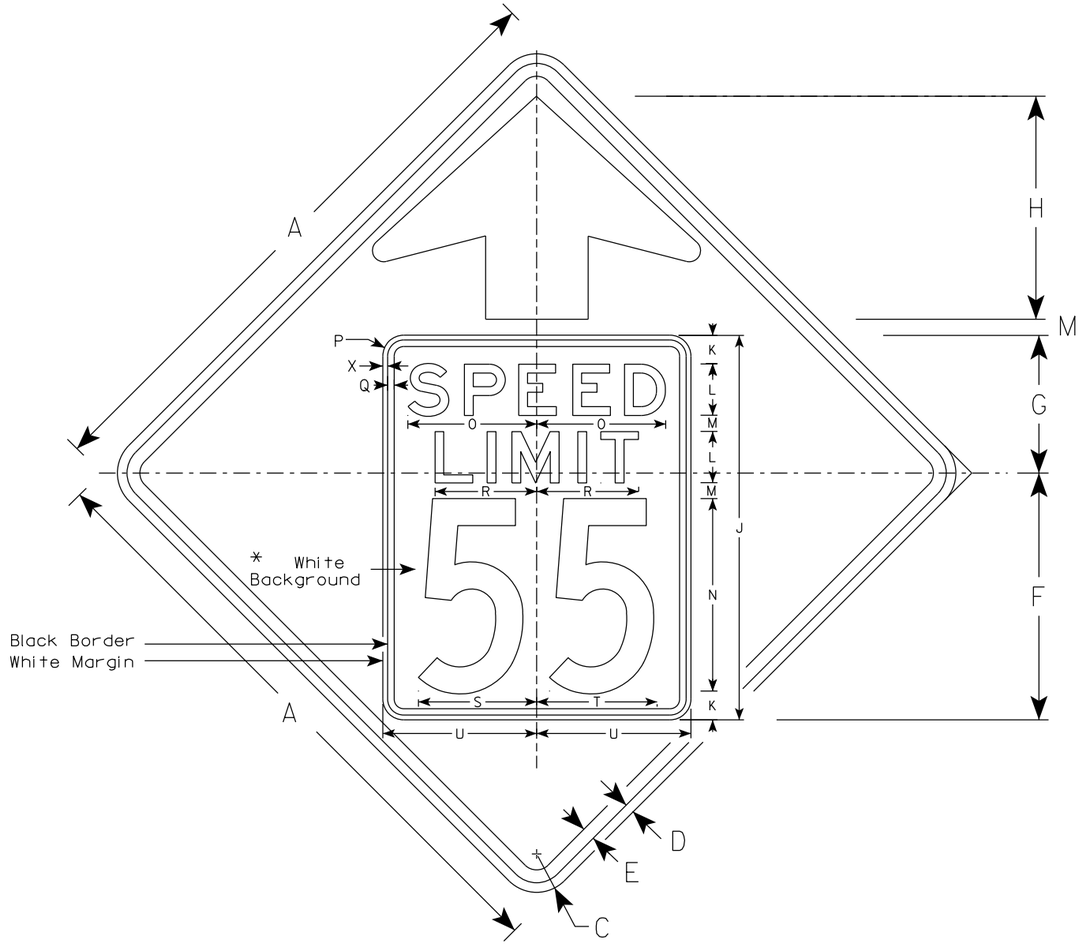
STANDARD SIGN
W03-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W03-4.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 285	E

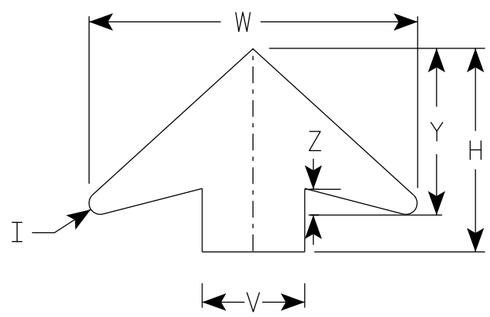


W03-5

NOTES

1. Sign is Type II - Type F Reflective
2. Color: *
   Background - ORANGE*
   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	36		2 1/4	5/8	3/4	14 1/2	9 1/2	11 1/2	5/8	24	2	3	1	12	7 1/8	1 1/2	3/8	5 3/4	7 1/4	7 1/8	9	6	19 1/4	3/8	9 3/4	1 5/8	9.0
2S	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
2M	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
3	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
4	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0
5	48		3	3/4	1	19 1/4	10 3/4	17 3/8	7/8	30	2 1/4	4	1 1/4	15	10	1 5/8	1/2	8	9 1/4	9 3/8	12	8	25 5/8	3/8	13	2	16.0

STANDARD SIGN
W03-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/2024 PLATE NO. W03-5.2

PROJECT NO:

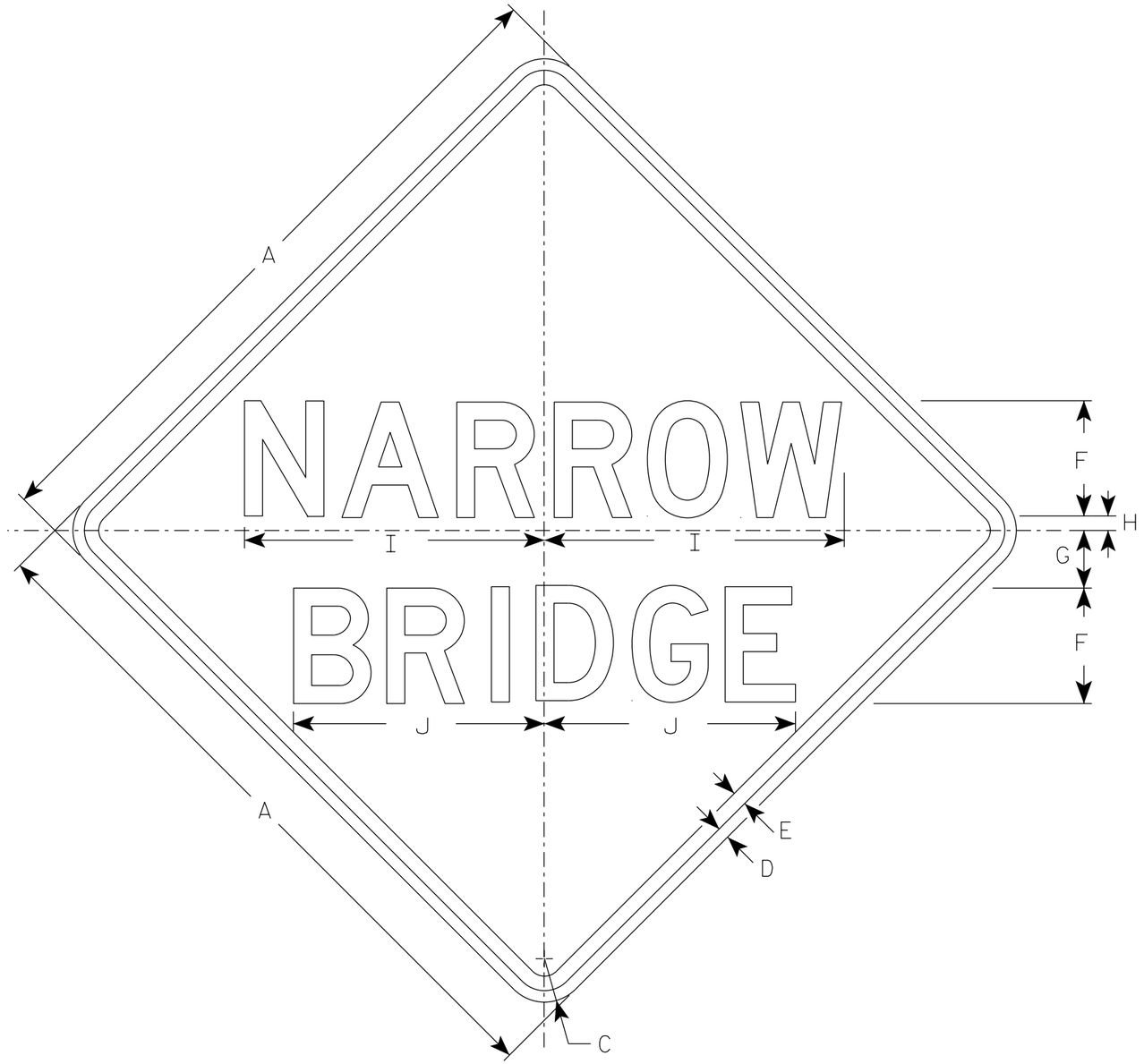
SHEET NO: E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W035.DGN PLOT DATE : 24-JAN 2024 2:20 PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

7

7



W05-2

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	3	3/4	15 5/8	13 1/8																	9.0
2S	48		3	3/4	1	8	4	3/4	20 3/4	17 3/8																	16.0
2M	48		3	3/4	1	8	4	3/4	20 3/4	17 3/8																	16.0
3	48		3	3/4	1	8	4	3/4	20 3/4	17 3/8																	16.0
4	48		3	3/4	1	8	4	3/4	20 3/4	17 3/8																	16.0
5	48		3	3/4	1	8	4	3/4	20 3/4	17 3/8																	16.0

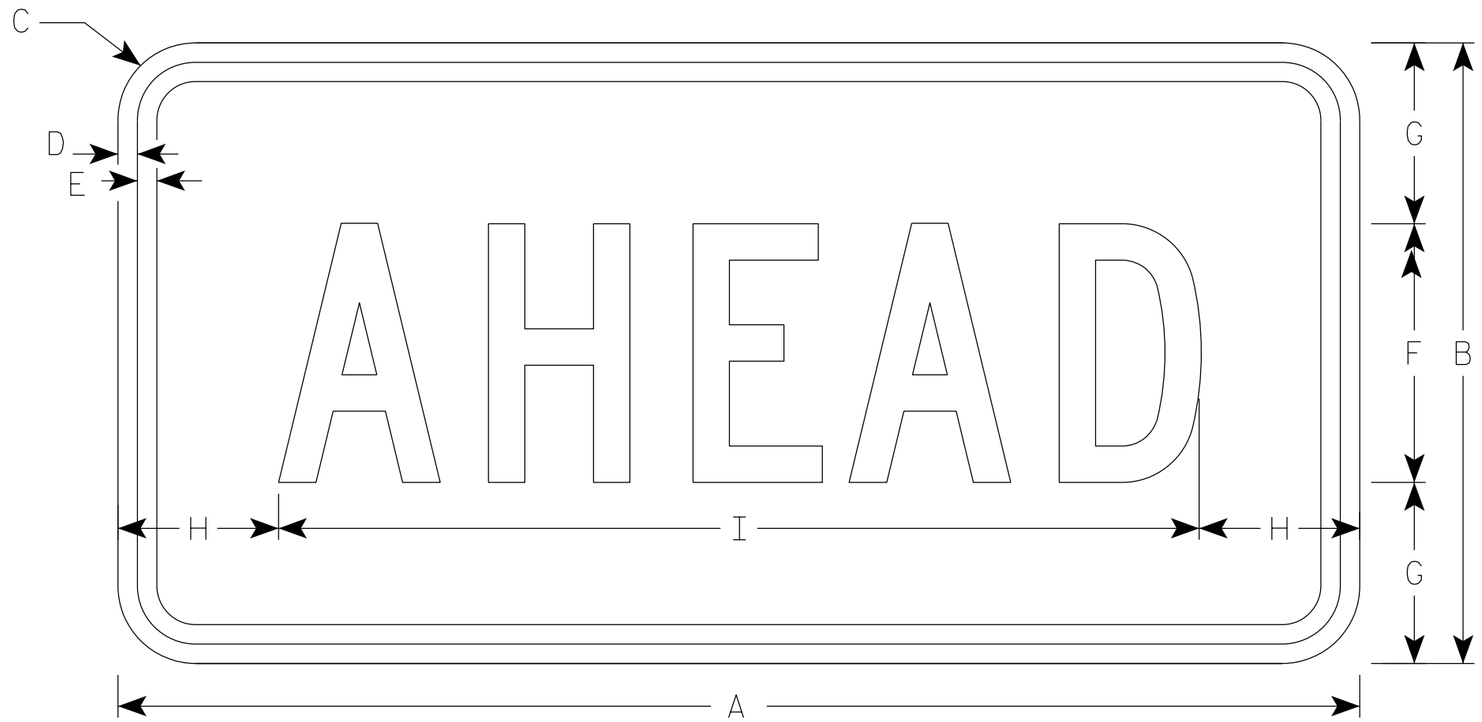
STANDARD SIGN
W05-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/29/2024 PLATE NO. W05-2.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 287 | E



W016-9P

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30	18	1 1/2	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
2S	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
2M	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
3	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
4	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5	48	24	1 7/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0

STANDARD SIGN
W016-9P

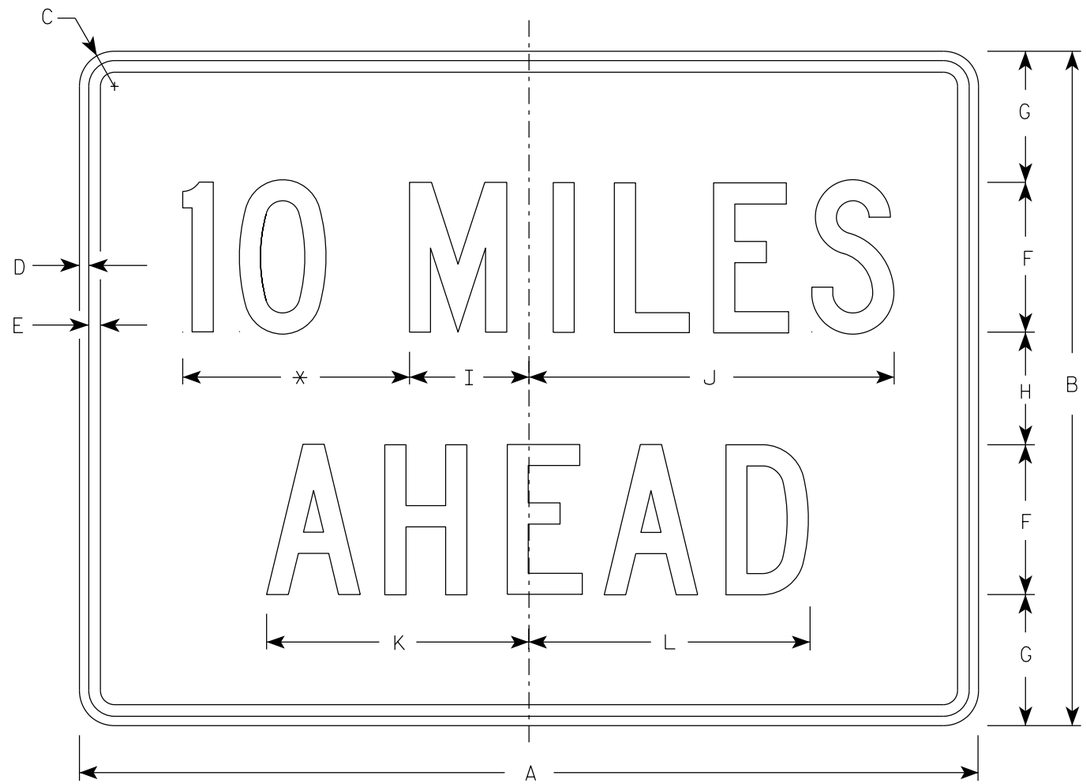
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

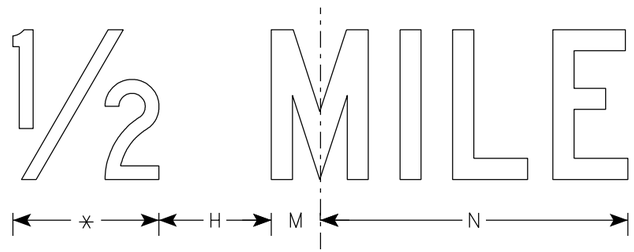
DATE 2/1/2024 PLATE NO. W016-9P.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 288 E

7



W057-52



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to the nearest quarter mile and optically adjust spacing to achieve proper balance.

* See note 5

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	24	1 1/2	3/8	1/2	6	4 1/2	3	4 3/4	14 5/8	10 5/8	11 3/8	2	12													6.0
2S	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
2M	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
3	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
4	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0
5	48	36	2 1/4	1/2	5/8	8	7	6	6 3/8	19 1/2	14	15	2 3/4	16 3/8													12.0

STANDARD SIGN
W057-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W057-52.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 289 E

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL 1.00	MASS ORDINATE
1218+00.00	121800.00	0.00	70.45	0.00	0.00	0	0	0	0	0	0	0
1219+00.00	121900.00	100.00	105.22	0.00	0.00	325	0	0	325	0	0	325
1220+00.00	122000.00	100.00	108.46	0.00	0.00	396	0	0	721	0	0	721
1221+00.00	122100.00	100.00	103.11	0.00	0.00	392	0	0	1113	0	0	1113
1222+00.00	122200.00	100.00	102.12	0.00	0.00	380	0	0	1493	0	0	1493
1223+00.00	122300.00	100.00	95.87	0.00	0.00	367	0	0	1860	0	0	1860
1224+00.00	122400.00	100.00	96.02	0.00	0.00	355	0	0	2215	0	0	2215
1225+00.00	122500.00	100.00	120.71	0.00	0.00	401	0	0	2616	0	0	2616
1226+00.00	122600.00	100.00	129.71	0.00	0.00	464	0	0	3080	0	0	3080
1227+00.00	122700.00	100.00	127.37	0.00	0.00	476	0	0	3556	0	0	3556
1228+00.00	122800.00	100.00	121.60	0.00	0.00	461	0	0	4017	0	0	4017
1228+50.00	122850.00	50.00	132.68	0.00	0.00	235	0	0	4252	0	0	4252
1229+00.00	122900.00	50.00	126.96	0.00	0.00	240	0	0	4492	0	0	4492
1229+50.00	122950.00	50.00	124.18	0.00	0.00	233	0	0	4725	0	0	4725
1230+00.00	123000.00	50.00	123.89	0.00	0.00	230	0	0	4955	0	0	4955
1230+50.00	123050.00	50.00	131.98	0.00	0.00	237	0	0	5192	0	0	5192
1231+00.00	123100.00	50.00	125.15	0.00	0.00	238	0	0	5430	0	0	5430
1231+50.00	123150.00	50.00	152.05	0.00	0.00	257	0	0	5687	0	0	5687
1232+00.00	123200.00	50.00	124.86	0.00	0.00	256	0	0	5943	0	0	5943
1232+50.00	123250.00	50.00	194.30	0.00	0.00	296	0	0	6239	0	0	6239
1233+00.00	123300.00	50.00	139.73	0.00	0.00	309	0	0	6548	0	0	6548
1233+50.00	123350.00	50.00	134.08	0.00	0.00	254	0	0	6802	0	0	6802
1234+00.00	123400.00	50.00	125.61	0.00	0.00	240	0	0	7042	0	0	7042
1234+50.00	123450.00	50.00	129.24	0.00	0.00	236	0	0	7278	0	0	7278
1234+70.00	123470.00	20.00	134.25	0.00	0.00	98	0	0	7376	0	0	7376
1235+00.00	123500.00	30.00	165.14	0.00	0.00	166	0	0	7542	0	0	7542
1235+50.00	123550.00	50.00	129.57	0.00	0.00	273	0	0	7815	0	0	7815
1235+78.69	123578.69	28.69	136.66	0.00	0.00	141	0	0	7956	0	0	7956
1236+00.00	123600.00	21.31	140.72	0.00	0.00	109	0	0	8065	0	0	8065
1236+50.00	123650.00	50.00	123.06	0.00	0.00	244	0	0	8309	0	0	8309
1237+00.00	123700.00	50.00	140.01	0.00	0.00	244	0	0	8553	0	0	8553
1237+50.00	123750.00	50.00	144.01	0.00	0.00	263	0	0	8816	0	0	8816
1238+00.00	123800.00	50.00	151.37	0.00	0.00	274	0	0	9090	0	0	9090
1238+50.00	123850.00	50.00	155.73	0.00	0.00	284	0	0	9374	0	0	9374
1239+00.00	123900.00	50.00	156.01	0.00	0.00	289	0	0	9663	0	0	9663
1239+50.00	123950.00	50.00	160.89	0.00	0.00	293	0	0	9956	0	0	9956
1240+00.00	124000.00	50.00	163.21	0.00	0.00	300	0	0	10256	0	0	10256
1240+50.00	124050.00	50.00	177.82	0.00	0.00	316	0	0	10572	0	0	10572
1240+53.56	124053.56	3.56	188.83	0.90	0.00	24	0	0	10596	0	0	10596
1241+00.00	124100.00	46.44	211.82	0.03	0.00	345	1	0	10941	1	0	10940
1241+50.00	124150.00	50.00	193.01	0.11	0.00	375	0	0	11316	1	0	11315
1242+00.00	124200.00	50.00	204.84	0.43	0.00	368	0	0	11684	1	0	11683
1242+50.00	124250.00	50.00	211.52	0.52	0.00	386	1	0	12070	3	0	12068
1243+00.00	124300.00	50.00	180.78	4.70	0.00	363	5	0	12433	9	0	12424
1243+23.29	124323.29	23.29	166.48	5.36	0.00	150	4	0	12583	14	0	12569
1243+50.00	124350.00	26.71	167.96	9.25	0.00	165	7	0	12748	23	0	12726
1244+00.00	124400.00	50.00	203.41	15.67	0.00	344	23	0	13092	51	0	13041
1244+50.00	124450.00	50.00	213.15	37.13	0.00	386	49	0	13478	113	0	13366
1244+74.09	124474.09	24.09	221.50	52.22	0.00	194	40	0	13672	163	0	13510
1245+00.00	124500.00	25.91	55.04	63.88	0.00	133	56	0	13805	233	0	13573
1246+00.00	124600.00	100.00	54.13	89.51	0.00	202	284	0	14007	588	0	13420
1247+00.00	124700.00	100.00	50.94	132.92	0.00	195	412	0	14202	1103	0	13100
1248+00.00	124800.00	100.00	60.07	117.12	0.00	206	463	0	14408	1681	0	12727
1249+00.00	124900.00	100.00	56.95	150.40	0.00	217	495	0	14625	2300	0	12325
1249+64.96	124964.96	64.96	28.36	212.50	0.00	103	437	0	14728	2846	0	11882
1250+00.00	125000.00	35.04	28.32	0.00	0.00	37	138	0	14765	3019	0	11746
1250+83.70	125083.70	83.70	23.34	0.00	0.00	80	0	0	14845	3019	0	11826

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL 1.00	MASS ORDINATE
1252+20.00	125220.00	0.00	27.35	0.00	0.00	0	0	0	0	0	0	0
1253+00.00	125300.00	80.00	61.23	32.69	0.00	131	48	0	131	60	0	71
1254+00.00	125400.00	100.00	68.56	25.87	0.00	240	108	0	371	195	0	176
1255+00.00	125500.00	100.00	72.68	10.46	0.00	262	67	0	633	279	0	354
1256+00.00	125600.00	100.00	64.91	2.76	0.00	255	24	0	888	309	0	579
1257+00.00	125700.00	100.00	69.68	0.36	0.00	249	6	0	1137	316	0	821
1258+00.00	125800.00	100.00	67.12	40.72	0.00	253	76	0	1390	411	0	979
1259+00.00	125900.00	100.00	67.06	20.58	0.00	248	114	0	1638	554	0	1084
1260+00.00	126000.00	100.00	63.13	21.54	0.00	241	78	0	1879	651	0	1228
1261+00.00	126100.00	100.00	58.37	19.53	0.00	225	76	0	2104	746	0	1358
1262+00.00	126200.00	100.00	54.62	8.13	0.00	209	51	0	2313	810	0	1503
1263+00.00	126300.00	100.00	78.54	0.00	0.00	247	15	0	2560	829	0	1731
1264+00.00	126400.00	100.00	95.17	0.00	0.00	322	0	0	2882	829	0	2053
1265+00.00	126500.00	100.00	99.02	0.00	0.00	360	0	0	3242	829	0	2413
1266+00.00	126600.00	100.00	91.80	0.00	0.00	353	0	0	3595	829	0	2766
1267+00.00	126700.00	100.00	92.03	0.00	0.00	340	0	0	3935	829	0	3106
1268+00.00	126800.00	100.00	100.96	0.00	0.00	357	0	0	4292	829	0	3463
1269+00.00	126900.00	100.00	103.26	0.00	0.00	378	0	0	4670	829	0	3841
1270+00.00	127000.00	100.00	87.11	0.00	0.00	353	0	0	5023	829	0	4194
1271+00.00	127100.00	100.00	91.59	0.00	0.00	331	0	0	5354	829	0	4525
1272+00.00	127200.00	100.00	67.57	0.00	0.00	295	0	0	5649	829	0	4820
1273+00.00	127300.00	100.00	59.10	0.00	0.00	235	0	0	5884	829	0	5055
1273+45.84	127345.84	45.84	58.14	0.00	0.00	100	0	0	5984	829	0	5155
1274+00.00	127400.00	54.16	63.12	0.00	0.00	122	0	0	6106	829	0	5277
1275+00.00	127500.00	100.00	64.84	0.00	0.00	237	0	0	6343	829	0	5514
1276+00.00	127600.00	100.00	56.33	0.00	0.00	224	0	0	6567	829	0	5738
1277+00.00	127700.00	100.00	61.20	0.00	0.00	218	0	0	6785	829	0	5956
1278+00.00	127800.00	100.00	59.31	0.00	0.00	223	0	0	7008	829	0	6179
1279+00.00	127900.00	100.00	57.05	1.29	0.00	215	2	0	7223	831	0	6392
1280+00.00	128000.00	100.00	68.11	0.00	0.00	232	2	0	7455	834	0	6621

9

9

PROJECT NO: 1130-67-71 | HWY: IH 41 | COUNTY: OUTAGAMIE & BROWN | EARTHWORK DATA | SHEET 291 | E

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL 1.00	MASS ORDINATE
1281+00.00	128100.00	100.00	73.11	0.00	0.00	262	0	0	7717	834	0	6883
1282+00.00	128200.00	100.00	65.13	0.00	0.00	256	0	0	7973	834	0	7139
1283+00.00	128300.00	100.00	63.45	0.00	0.00	238	0	0	8211	834	0	7377
1284+00.00	128400.00	100.00	57.86	0.55	0.00	225	1	0	8436	835	0	7601
1285+00.00	128500.00	100.00	62.04	0.00	0.00	222	1	0	8658	836	0	7822
1286+00.00	128600.00	100.00	55.32	0.53	0.00	217	1	0	8875	838	0	8038
1287+00.00	128700.00	100.00	58.93	0.26	0.00	212	1	0	9087	839	0	8248
1288+00.00	128800.00	100.00	63.50	0.00	0.00	227	0	0	9314	839	0	8475
1289+00.00	128900.00	100.00	67.87	0.00	0.00	243	0	0	9557	839	0	8718
1290+00.00	129000.00	100.00	56.75	1.94	0.00	231	4	0	9788	844	0	8944
1291+00.00	129100.00	100.00	55.09	4.96	0.00	207	13	0	9995	860	0	9135
1292+00.00	129200.00	100.00	57.99	4.57	0.00	209	18	0	10204	883	0	9322
1293+00.00	129300.00	100.00	55.76	11.17	0.00	211	29	0	10415	919	0	9496
1294+00.00	129400.00	100.00	55.48	9.83	0.00	206	39	0	10621	968	0	9654
1295+00.00	129500.00	100.00	55.27	4.27	0.00	205	26	0	10826	1000	0	9826
1296+00.00	129600.00	100.00	49.85	6.11	0.00	195	19	0	11021	1024	0	9997
1297+00.00	129700.00	100.00	52.88	1.97	0.00	190	15	0	11211	1043	0	10169
1298+00.00	129800.00	100.00	47.09	6.33	0.00	185	15	0	11396	1061	0	10335
1299+00.00	129900.00	100.00	49.76	9.22	0.00	179	29	0	11575	1098	0	10478
1300+00.00	130000.00	100.00	59.17	0.71	0.00	202	18	0	11777	1120	0	10657
1301+00.00	130100.00	100.00	65.46	0.00	0.00	231	1	0	12008	1121	0	10887
1302+00.00	130200.00	100.00	61.52	0.00	0.00	235	0	0	12243	1121	0	11122
1303+00.00	130300.00	100.00	65.54	0.00	0.00	235	0	0	12478	1121	0	11357
1304+00.00	130400.00	100.00	59.71	0.00	0.00	232	0	0	12710	1121	0	11589
1305+00.00	130500.00	100.00	49.92	3.21	0.00	203	6	0	12913	1129	0	11784
1306+00.00	130600.00	100.00	55.43	3.19	0.00	195	12	0	13108	1144	0	11964
1307+00.00	130700.00	100.00	56.75	0.26	0.00	208	6	0	13316	1151	0	12165
1308+00.00	130800.00	100.00	60.33	0.61	0.00	217	2	0	13533	1154	0	12379
1309+00.00	130900.00	100.00	57.05	0.52	0.00	217	2	0	13750	1156	0	12594
1310+00.00	131000.00	100.00	57.07	0.13	0.00	211	1	0	13961	1158	0	12804
1311+00.00	131100.00	100.00	60.80	0.06	0.00	218	0	0	14179	1158	0	13022
1312+00.00	131200.00	100.00	65.06	0.00	0.00	233	0	0	14412	1158	0	13255
1313+00.00	131300.00	100.00	62.71	0.00	0.00	237	0	0	14649	1158	0	13492
1314+00.00	131400.00	100.00	56.39	2.05	0.00	221	4	0	14870	1163	0	13708
1315+00.00	131500.00	100.00	58.97	0.73	0.00	214	5	0	15084	1169	0	13915
1316+00.00	131600.00	100.00	60.85	0.16	0.00	222	2	0	15306	1171	0	14135
1317+00.00	131700.00	100.00	60.62	0.26	0.00	225	1	0	15531	1173	0	14359
1318+00.00	131800.00	100.00	57.16	1.44	0.00	218	3	0	15749	1176	0	14573
1319+00.00	131900.00	100.00	59.70	0.06	0.00	216	3	0	15965	1180	0	14785
1320+00.00	132000.00	100.00	53.30	0.00	0.00	209	0	0	16174	1180	0	14994
1321+00.00	132100.00	100.00	22.99	0.00	0.00	141	0	0	16315	1180	0	15135
1321+22.91	132122.91	22.91	2.28	0.00	0.00	11	0	0	16326	1180	0	15146
1322+00.00	132200.00	77.09	0.00	0.00	0.00	3	0	0	16329	1180	0	15149

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1323+61.36	132361.36	0.00	24.13	845.97	0.00	0	0	0	0	0	0	0
1324+00.00	132400.00	38.64	67.96	0.00	0.00	66	605	0	66	756	0	-690
1324+32.05	132432.05	32.05	58.96	0.00	0.00	75	0	0	141	756	0	-615
1325+00.00	132500.00	67.95	55.77	14.90	0.00	144	19	0	285	780	0	-495
1326+00.00	132600.00	100.00	53.96	4.93	0.00	203	37	0	488	826	0	-338
1327+00.00	132700.00	100.00	51.89	4.21	0.00	196	17	0	684	848	0	-164
1328+00.00	132800.00	100.00	51.61	4.96	0.00	192	17	0	876	869	0	7
1329+00.00	132900.00	100.00	53.24	16.41	0.00	194	40	0	1070	919	0	151
1330+00.00	133000.00	100.00	56.18	17.31	0.00	203	62	0	1273	996	0	277
1331+00.00	133100.00	100.00	58.95	10.43	0.00	213	51	0	1486	1060	0	426
1332+00.00	133200.00	100.00	53.93	4.92	0.00	209	28	0	1695	1095	0	600
1333+00.00	133300.00	100.00	52.30	17.79	0.00	197	42	0	1892	1148	0	745
1334+00.00	133400.00	100.00	48.84	26.99	0.00	187	83	0	2079	1251	0	828
1334+66.00	133466.00	66.00	45.23	37.00	0.00	115	78	0	2194	1349	0	845
1335+00.00	133500.00	34.00	26.32	37.97	0.00	45	47	0	2239	1408	0	832
1336+00.00	133600.00	100.00	28.01	24.21	0.00	101	115	0	2340	1551	0	789
1336+24.92	133624.92	24.92	27.57	26.83	0.00	26	24	0	2366	1581	0	785
1337+00.00	133700.00	75.08	25.64	29.74	0.00	74	79	0	2440	1680	0	760
1338+00.00	133800.00	100.00	26.46	24.72	0.00	96	101	0	2536	1806	0	730
1339+00.00	133900.00	100.00	27.22	17.64	0.00	99	78	0	2635	1904	0	731
1340+00.00	134000.00	100.00	34.17	0.72	0.00	114	34	0	2749	1946	0	803
1341+00.00	134100.00	100.00	37.91	0.00	0.00	133	1	0	2882	1948	0	935
1342+00.00	134200.00	100.00	66.08	0.00	0.00	193	0	0	3075	1948	0	1128
1342+20.11	134220.11	20.11	62.49	0.00	0.00	48	0	0	3123	1948	0	1176
1343+00.00	134300.00	79.89	73.39	0.00	0.00	201	0	0	3324	1948	0	1377
1344+00.00	134400.00	100.00	67.46	0.00	0.00	261	0	0	3585	1948	0	1638
1345+00.00	134500.00	100.00	40.55	0.00	0.00	200	0	0	3785	1948	0	1838
1346+00.00	134600.00	100.00	35.03	0.00	0.00	140	0	0	3925	1948	0	1978
1347+00.00	134700.00	100.00	37.17	0.02	0.00	134	0	0	4059	1948	0	2112
1348+00.00	134800.00	100.00	45.40	0.00	0.00	153	0	0	4212	1948	0	2265
1349+00.00	134900.00	100.00	43.14	0.00	0.00	164	0	0	4376	1948	0	2429
1349+57.56	134957.56	57.56	57.76	0.00	0.00	108	0	0	4484	1948	0	2537

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1381+53.09	138153.09	0.00	47.77	0.00	0.00	0	0	0	0	0	0	0
1382+00.00	138200.00	46.91	47.42	2.11	0.00	83	2	0	83	3	0	81
1383+00.00	138300.00	100.00	54.81	0.77	0.00	189	5	0	272	9	0	263
1383+99.71	138399.71	99.71	63.87	0.97	0.00	219	3	0	491	13	0	479
1384+00.00	138400.00	0.29	63.93	1.00	0.00	1	0	0	492	13	0	480
1385+00.00	138500.00	100.00	63.26	2.11	0.00	236	6	0	728	20	0	708
1386+00.00	138600.00	100.00	59.24	2.52	0.00	227	9	0	955	31	0	924
1387+00.00	138700.00	100.00	56.69	1.25	0.00	215	7	0	1170	40	0	1130
1388+00.00	138800.00	100.00	59.25	0.00	0.00	215	2	0	1385	43	0	1343
1389+00.00	138900.00	100.00	55.21	0.22	0.00	212	0	0	1597	43	0	1555
1390+00.00	139000.00	100.00	52.52	0.21	0.00	199	1	0	1796	44	0	1752
1391+00.00	139100.00	100.00	56.37	0.00	0.00	202	0	0	1998	44	0	1954
1392+00.00	139200.00	100.00	62.06	0.00	0.00	219	0	0	2217	44	0	2173
1393+00.00	139300.00	100.00	63.53	0.00	0.00	233	0	0	2450	44	0	2406
1394+00.00	139400.00	100.00	64.09	0.00	0.00	236	0	0	2686	44	0	2642
1395+00.00	139500.00	100.00	58.47	0.00	0.00	227	0	0	2913	44	0	2869
1396+00.00	139600.00	100.00	59.93	0.00	0.00	219	0	0	3132	44	0	3088
1396+25.00	139625.00	25.00	58.80	0.04	0.00	55	0	0	3187	44	0	3143
1397+00.00	139700.00	75.00	58.49	0.00	0.00	163	0	0	3350	44	0	3306
1398+00.00	139800.00	100.00	55.23	0.00	0.00	211	0	0	3561	44	0	3517
1398+55.94	139855.94	55.94	47.57	0.00	0.00	106	0	0	3667	44	0	3623

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1400+50.00	140050.00	0.00	34.03	0.00	0.00	0	0	0	0	0	0	0
1401+00.00	140100.00	50.00	33.53	0.00	0.00	63	0	0	63	0	0	63
1402+00.00	140200.00	100.00	27.15	0.36	0.00	112	1	0	175	1	0	174
1402+20.06	140220.06	20.06	27.63	0.17	0.00	20	0	0	195	1	0	194
1402+50.00	140250.00	29.94	9.42	4.29	0.00	21	2	0	216	4	0	212
1403+00.00	140300.00	50.00	56.54	1.32	0.00	61	5	0	277	10	0	267
1403+00.00	140300.00	0.00	0.00	0.00	0.00	0	0	0	277	10	0	267
1403+36.48	140336.48	36.48	65.75	0.00	0.00	44	0	0	321	10	0	311
1404+00.00	140400.00	63.52	52.27	3.03	0.00	139	4	0	460	15	0	445
1405+00.00	140500.00	100.00	55.59	44.98	0.00	200	89	0	660	126	0	534
1405+18.00	140518.00	18.00	83.08	47.96	0.00	46	31	0	706	165	0	541
1406+00.00	140600.00	82.00	89.37	43.28	0.00	262	139	0	968	339	0	629
1407+00.00	140700.00	100.00	73.77	0.89	0.00	302	82	0	1270	441	0	829
1408+00.00	140800.00	100.00	61.08	0.25	0.00	250	2	0	1520	444	0	1076
1409+00.00	140900.00	100.00	54.81	0.01	0.00	215	0	0	1735	444	0	1291
1409+15.85	140915.85	15.85	47.46	9.64	0.00	30	3	0	1765	448	0	1318

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1412+47.23	141247.23	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
1413+00.00	141300.00	52.77	0.00	0.00	0.00	0	0	0	0	0	0	0
1414+00.00	141400.00	100.00	0.00	0.00	0.00	0	0	0	0	0	0	0
1415+00.00	141500.00	100.00	0.00	0.00	0.00	0	0	0	0	0	0	0
1416+00.00	141600.00	100.00	59.35	0.00	0.00	110	0	0	110	0	0	110
1417+00.00	141700.00	100.00	52.83	9.17	0.00	208	17	0	318	21	0	297
1417+92.53	141792.53	92.53	62.92	0.00	0.00	198	16	0	516	41	0	475

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1434+84.41	143484.41	0.00	38.00	1.64	0.00	0	0	0	0	0	0	0
1435+00.00	143500.00	15.59	37.85	0.79	0.00	22	1	0	22	1	0	21
1436+00.00	143600.00	100.00	31.41	2.86	0.00	128	7	0	150	10	0	140
1436+03.33	143603.33	3.33	29.87	4.26	0.00	4	0	0	154	10	0	144

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1437+75.54	143775.54	0.00	22.18	7.49	0.00	0	0	0	0	0	0	0
1438+00.00	143800.00	24.46	28.31	0.44	0.00	23	4	0	23	5	0	18
1439+00.00	143900.00	100.00	30.24	0.00	0.00	108	1	0	131	6	0	125
1440+00.00	144000.00	100.00	32.47	0.00	0.00	116	0	0	247	6	0	241
1440+08.46	144008.46	8.46	31.95	0.00	0.00	10	0	0	257	6	0	251

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1447+63.56	144763.56	0.00	84.80	0.00	0.00	0	0	0	0	0	0	0
1448+00.00	144800.00	36.44	76.73	0.00	0.00	109	0	0	109	0	0	109
1449+00.00	144900.00	100.00	49.66	0.26	0.00	234	0	0	343	0	0	343
1450+00.00	145000.00	100.00	35.22	4.51	0.00	157	9	0	500	11	0	489
1451+00.00	145100.00	100.00	38.14	0.00	0.00	136	8	0	636	21	0	615
1452+00.00	145200.00	100.00	29.08	0.42	0.00	124	1	0	760	23	0	738
1453+00.00	145300.00	100.00	32.74	0.07	0.00	114	1	0	874	24	0	850
1454+00.00	145400.00	100.00	31.92	0.00	0.00	120	0	0	994	24	0	970
1455+00.00	145500.00	100.00	31.39	0.00	0.00	117	0	0	1111	24	0	1087
1456+00.00	145600.00	100.00	35.83	0.10	0.00	124	0	0	1235	24	0	1211
1457+00.00	145700.00	100.00	38.77	0.00	0.00	138	0	0	1373	24	0	1349
1458+00.00	145800.00	100.00	36.62	0.00	0.00	140	0	0	1513	24	0	1489
1459+00.00	145900.00	100.00	33.07	0.00	0.00	129	0	0	1642	24	0	1618
1460+00.00	146000.00	100.00	42.29	0.00	0.00	140	0	0	1782	24	0	1758
1461+00.00	146100.00	100.00	47.21	0.00	0.00	166	0	0	1948	24	0	1924
1462+00.00	146200.00	100.00	46.01	0.00	0.00	173	0	0	2121	24	0	2097
1463+00.00	146300.00	100.00	31.68	7.04	0.00	144	13	0	2265	40	0	2225
1464+00.00	146400.00	100.00	33.50	4.32	0.00	121	21	0	2386	66	0	2320
1465+00.00	146500.00	100.00	31.15	6.61	0.00	120	20	0	2506	91	0	2415
1466+00.00	146600.00	100.00	35.04	0.00	0.00	123	12	0	2629	106	0	2523
1467+00.00	146700.00	100.00	29.39	1.43	0.00	119	3	0	2748	110	0	2638
1468+00.00	146800.00	100.00	36.17	1.45	0.00	121	5	0	2869	116	0	2753
1469+00.00	146900.00	100.00	33.59	0.32	0.00	129	3	0	2998	120	0	2878
1470+00.00	147000.00	100.00	31.50	1.59	0.00	121	4	0	3119	125	0	2994
1470+50.95	147050.95	50.95	142.17	13.93	0.00	164	15	0	3283	144	0	3139
1471+00.00	147100.00	49.05	171.42	18.72	0.00	285	30	0	3568	181	0	3387
1471+50.00	147150.00	50.00	174.89	18.36	0.00	321	34	0	3889	224	0	3665
1472+00.00	147200.00	50.00	183.37	13.66	0.00	332	30	0	4221	261	0	3960
1472+50.00	147250.00	50.00	176.91	12.65	0.00	334	24	0	4555	291	0	4264
1473+00.00	147300.00	50.00	176.52	13.68	0.00	327	24	0	4882	321	0	4561

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PROJECT NO: 1130-67-71 | HWY: IH 41 | COUNTY: OUTAGAMIE & BROWN | EARTHWORK DATA | SHEET 296 | E

DIVISION 1 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1473+50.00	147350.00	50.00	176.72	7.31	0.00	327	19	0	5209	345	0	4864
1474+00.00	147400.00	50.00	177.76	1.17	0.00	328	8	0	5537	355	0	5182
1474+50.00	147450.00	50.00	167.25	3.37	0.00	319	4	0	5856	360	0	5496
1475+00.00	147500.00	50.00	163.67	0.38	0.00	306	3	0	6162	364	0	5798
1475+50.00	147550.00	50.00	164.97	0.11	0.00	304	0	0	6466	364	0	6102
1476+00.00	147600.00	50.00	164.71	0.00	0.00	305	0	0	6771	364	0	6407
1476+05.99	147605.99	5.99	164.42	0.00	0.00	37	0	0	6808	364	0	6444
1476+50.00	147650.00	44.01	147.91	0.00	0.00	255	0	0	7063	364	0	6699
1477+00.00	147700.00	50.00	147.25	0.00	0.00	273	0	0	7336	364	0	6972
1477+50.00	147750.00	50.00	152.44	0.00	0.00	277	0	0	7613	364	0	7249
1478+00.00	147800.00	50.00	153.78	0.00	0.00	284	0	0	7897	364	0	7533
1478+50.00	147850.00	50.00	150.53	0.00	0.00	282	0	0	8179	364	0	7815
1479+00.00	147900.00	50.00	146.51	0.00	0.00	275	0	0	8454	364	0	8090
1479+50.00	147950.00	50.00	142.71	0.00	0.00	268	0	0	8722	364	0	8358
1480+00.00	148000.00	50.00	139.08	0.00	0.00	261	0	0	8983	364	0	8619
1480+50.00	148050.00	50.00	140.14	0.00	0.00	259	0	0	9242	364	0	8878
1480+88.40	148088.40	38.40	148.20	0.00	0.00	205	0	0	9447	364	0	9083
1481+00.00	148100.00	11.60	148.57	0.00	0.00	64	0	0	9511	364	0	9147
1481+50.00	148150.00	50.00	148.60	0.00	0.00	275	0	0	9786	364	0	9422
1482+00.00	148200.00	50.00	148.91	0.00	0.00	275	0	0	10061	364	0	9697
1482+50.00	148250.00	50.00	149.34	0.00	0.00	276	0	0	10337	364	0	9973
1483+00.00	148300.00	50.00	151.53	0.00	0.00	279	0	0	10616	364	0	10252
1483+50.00	148350.00	50.00	150.22	0.00	0.00	279	0	0	10895	364	0	10531
1484+00.00	148400.00	50.00	146.75	0.00	0.00	275	0	0	11170	364	0	10806
1484+50.00	148450.00	50.00	148.28	0.00	0.00	273	0	0	11443	364	0	11079
1485+00.00	148500.00	50.00	159.86	0.00	0.00	285	0	0	11728	364	0	11364
1485+50.00	148550.00	50.00	173.37	0.00	0.00	309	0	0	12037	364	0	11673
1486+00.00	148600.00	50.00	171.45	0.00	0.00	319	0	0	12356	364	0	11992
1486+50.00	148650.00	50.00	170.19	0.00	0.00	316	0	0	12672	364	0	12308
1487+00.00	148700.00	50.00	168.29	0.00	0.00	313	0	0	12985	364	0	12621
1487+50.00	148750.00	50.00	169.35	0.00	0.00	313	0	0	13298	364	0	12934
1488+00.00	148800.00	50.00	158.82	0.00	0.00	304	0	0	13602	364	0	13238
1488+50.00	148850.00	50.00	143.03	0.00	0.00	279	0	0	13881	364	0	13517
1489+00.00	148900.00	50.00	143.40	0.00	0.00	265	0	0	14146	364	0	13782
1489+04.79	148904.79	4.79	119.21	0.00	0.00	23	0	0	14169	364	0	13805
1489+50.00	148950.00	45.21	122.35	0.00	0.00	202	0	0	14371	364	0	14007
1489+99.24	148999.24	49.24	122.82	0.00	0.00	224	0	0	14595	364	0	14231

DIVISION 2 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1246+00.00	124600.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0
1247+00.00	124700.00	100.00	0.00	0.00	0.00	0	0	0	0	0	0	0
1248+00.00	124800.00	100.00	0.00	0.00	0.00	0	0	0	0	0	0	0
1249+00.00	124900.00	100.00	4.32	0.00	0.00	8	0	0	8	0	0	8
1250+00.00	125000.00	100.00	23.11	0.00	0.00	51	0	0	59	0	0	59
1250+50.00	125050.00	50.00	38.84	0.00	0.00	57	0	0	116	0	0	116
1250+83.70	125083.70	33.70	18.40	37.79	0.00	36	24	0	152	30	0	122

DIVISION 2 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1252+20.00	125220.00	0.00	76.78	0.00	0.00	0	0	0	0	0	0	0
1252+65.57	125265.57	45.57	82.57	0.00	0.00	134	0	0	134	0	0	134
1253+00.00	125300.00	34.43	84.00	0.00	0.00	106	0	0	240	0	0	240
1254+00.00	125400.00	100.00	85.22	0.00	0.00	313	0	0	553	0	0	553
1255+00.00	125500.00	100.00	95.49	0.00	0.00	335	0	0	888	0	0	888
1256+00.00	125600.00	100.00	119.29	0.00	0.00	398	0	0	1286	0	0	1286
1257+00.00	125700.00	100.00	138.33	0.00	0.00	477	0	0	1763	0	0	1763
1258+00.00	125800.00	100.00	134.05	0.00	0.00	504	0	0	2267	0	0	2267
1259+00.00	125900.00	100.00	136.50	0.00	0.00	501	0	0	2768	0	0	2768
1260+00.00	126000.00	100.00	124.31	0.00	0.00	483	0	0	3251	0	0	3251
1261+00.00	126100.00	100.00	125.55	0.01	0.00	463	0	0	3714	0	0	3714
1262+00.00	126200.00	100.00	103.79	0.01	0.00	425	0	0	4139	0	0	4139
1263+00.00	126300.00	100.00	97.57	0.00	0.00	373	0	0	4512	0	0	4512
1264+00.00	126400.00	100.00	111.64	0.00	0.00	387	0	0	4899	0	0	4899
1265+00.00	126500.00	100.00	106.95	0.00	0.00	405	0	0	5304	0	0	5304
1266+00.00	126600.00	100.00	123.90	0.00	0.00	428	0	0	5732	0	0	5732
1267+00.00	126700.00	100.00	107.04	0.00	0.00	428	0	0	6160	0	0	6160
1268+00.00	126800.00	100.00	103.07	0.00	0.00	389	0	0	6549	0	0	6549
1269+00.00	126900.00	100.00	123.75	0.00	0.00	420	0	0	6969	0	0	6969
1270+00.00	127000.00	100.00	115.40	0.00	0.00	443	0	0	7412	0	0	7412
1271+00.00	127100.00	100.00	93.23	0.00	0.00	386	0	0	7798	0	0	7798
1272+00.00	127200.00	100.00	91.08	0.00	0.00	341	0	0	8139	0	0	8139
1273+00.00	127300.00	100.00	101.40	0.00	0.00	356	0	0	8495	0	0	8495
1273+45.84	127345.84	45.84	107.34	0.00	0.00	177	0	0	8672	0	0	8672
1274+00.00	127400.00	54.16	107.77	0.00	0.00	216	0	0	8888	0	0	8888
1275+00.00	127500.00	100.00	106.71	0.00	0.00	397	0	0	9285	0	0	9285
1276+00.00	127600.00	100.00	114.05	0.00	0.00	409	0	0	9694	0	0	9694
1277+00.00	127700.00	100.00	110.49	0.00	0.00	416	0	0	10110	0	0	10110
1278+00.00	127800.00	100.00	117.60	0.00	0.00	422	0	0	10532	0	0	10532
1279+00.00	127900.00	100.00	121.88	0.00	0.00	443	0	0	10975	0	0	10975

DIVISION 2 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1280+00.00	128000.00	100.00	120.68	0.00	0.00	449	0	0	11424	0	0	11424
1281+00.00	128100.00	100.00	128.85	0.00	0.00	462	0	0	11886	0	0	11886
1282+00.00	128200.00	100.00	126.04	0.00	0.00	472	0	0	12358	0	0	12358
1283+00.00	128300.00	100.00	133.22	0.00	0.00	480	0	0	12838	0	0	12838
1284+00.00	128400.00	100.00	131.19	0.00	0.00	490	0	0	13328	0	0	13328
1285+00.00	128500.00	100.00	130.32	0.00	0.00	484	0	0	13812	0	0	13812
1286+00.00	128600.00	100.00	131.41	0.00	0.00	485	0	0	14297	0	0	14297
1287+00.00	128700.00	100.00	131.73	0.00	0.00	487	0	0	14784	0	0	14784
1288+00.00	128800.00	100.00	124.50	0.00	0.00	475	0	0	15259	0	0	15259
1289+00.00	128900.00	100.00	128.70	0.00	0.00	469	0	0	15728	0	0	15728
1290+00.00	129000.00	100.00	122.06	0.00	0.00	464	0	0	16192	0	0	16192
1291+00.00	129100.00	100.00	124.16	0.00	0.00	456	0	0	16648	0	0	16648
1292+00.00	129200.00	100.00	128.24	0.00	0.00	467	0	0	17115	0	0	17115
1293+00.00	129300.00	100.00	128.21	0.00	0.00	475	0	0	17590	0	0	17590
1294+00.00	129400.00	100.00	123.20	0.00	0.00	466	0	0	18056	0	0	18056
1295+00.00	129500.00	100.00	94.47	0.00	0.00	403	0	0	18459	0	0	18459
1296+00.00	129600.00	100.00	114.08	0.00	0.00	386	0	0	18845	0	0	18845
1297+00.00	129700.00	100.00	120.97	0.00	0.00	435	0	0	19280	0	0	19280
1298+00.00	129800.00	100.00	116.00	0.00	0.00	439	0	0	19719	0	0	19719
1299+00.00	129900.00	100.00	126.27	0.00	0.00	449	0	0	20168	0	0	20168
1300+00.00	130000.00	100.00	125.81	0.00	0.00	467	0	0	20635	0	0	20635
1301+00.00	130100.00	100.00	129.67	0.00	0.00	473	0	0	21108	0	0	21108
1302+00.00	130200.00	100.00	130.43	0.00	0.00	482	0	0	21590	0	0	21590
1303+00.00	130300.00	100.00	138.69	0.00	0.00	498	0	0	22088	0	0	22088
1304+00.00	130400.00	100.00	138.89	0.00	0.00	514	0	0	22602	0	0	22602
1305+00.00	130500.00	100.00	136.89	0.00	0.00	511	0	0	23113	0	0	23113
1306+00.00	130600.00	100.00	135.32	0.00	0.00	504	0	0	23617	0	0	23617
1307+00.00	130700.00	100.00	135.86	0.00	0.00	502	0	0	24119	0	0	24119
1308+00.00	130800.00	100.00	128.75	0.00	0.00	490	0	0	24609	0	0	24609
1309+00.00	130900.00	100.00	129.16	0.00	0.00	478	0	0	25087	0	0	25087
1310+00.00	131000.00	100.00	126.48	0.00	0.00	473	0	0	25560	0	0	25560
1311+00.00	131100.00	100.00	112.87	0.00	0.00	443	0	0	26003	0	0	26003
1312+00.00	131200.00	100.00	114.14	0.00	0.00	420	0	0	26423	0	0	26423
1313+00.00	131300.00	100.00	119.68	0.00	0.00	433	0	0	26856	0	0	26856
1314+00.00	131400.00	100.00	91.61	0.00	0.00	391	0	0	27247	0	0	27247
1315+00.00	131500.00	100.00	76.19	0.00	0.00	311	0	0	27558	0	0	27558
1316+00.00	131600.00	100.00	41.68	0.00	0.00	218	0	0	27776	0	0	27776
1317+00.00	131700.00	100.00	2.86	0.00	0.00	82	0	0	27858	0	0	27858
1318+00.00	131800.00	100.00	0.00	0.00	0.00	5	0	0	27863	0	0	27863
1319+00.00	131900.00	100.00	0.00	0.00	0.00	0	0	0	27863	0	0	27863
1320+00.00	132000.00	100.00	0.00	0.00	0.00	0	0	0	27863	0	0	27863
1321+00.00	132100.00	100.00	0.00	0.00	0.00	0	0	0	27863	0	0	27863
1321+22.91	132122.91	22.91	0.00	0.00	0.00	0	0	0	27863	0	0	27863
1322+00.00	132200.00	77.09	0.00	0.00	0.00	0	0	0	27863	0	0	27863

DIVISION 2 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1323+61.36	132361.36	0.00	107.43	0.00	0.00	0	0	0	0	0	0	0
1324+00.00	132400.00	38.64	97.49	0.00	0.00	147	0	0	147	0	0	147
1324+32.05	132432.05	32.05	99.43	0.00	0.00	117	0	0	264	0	0	264
1325+00.00	132500.00	67.95	113.19	0.00	0.00	268	0	0	532	0	0	532
1326+00.00	132600.00	100.00	112.83	0.00	0.00	419	0	0	951	0	0	951
1327+00.00	132700.00	100.00	122.92	0.00	0.00	437	0	0	1388	0	0	1388
1328+00.00	132800.00	100.00	115.98	0.00	0.00	442	0	0	1830	0	0	1830
1329+00.00	132900.00	100.00	118.12	0.00	0.00	434	0	0	2264	0	0	2264
1330+00.00	133000.00	100.00	122.22	0.00	0.00	445	0	0	2709	0	0	2709
1331+00.00	133100.00	100.00	122.97	0.00	0.00	454	0	0	3163	0	0	3163
1332+00.00	133200.00	100.00	118.15	0.00	0.00	447	0	0	3610	0	0	3610
1333+00.00	133300.00	100.00	125.50	0.00	0.00	451	0	0	4061	0	0	4061
1334+00.00	133400.00	100.00	123.23	0.00	0.00	461	0	0	4522	0	0	4522
1334+66.00	133466.00	66.00	129.08	0.00	0.00	308	0	0	4830	0	0	4830
1335+00.00	133500.00	34.00	127.45	0.00	0.00	162	0	0	4992	0	0	4992
1336+00.00	133600.00	100.00	129.15	0.00	0.00	475	0	0	5467	0	0	5467
1336+24.92	133624.92	24.92	125.98	0.00	0.00	118	0	0	5585	0	0	5585
1337+00.00	133700.00	75.08	114.99	0.00	0.00	335	0	0	5920	0	0	5920
1338+00.00	133800.00	100.00	117.36	0.00	0.00	430	0	0	6350	0	0	6350
1339+00.00	133900.00	100.00	126.87	0.00	0.00	452	0	0	6802	0	0	6802
1340+00.00	134000.00	100.00	132.10	0.00	0.00	480	0	0	7282	0	0	7282
1341+00.00	134100.00	100.00	131.78	0.00	0.00	489	0	0	7771	0	0	7771
1342+00.00	134200.00	100.00	131.64	0.00	0.00	488	0	0	8259	0	0	8259
1342+20.11	134220.11	20.11	131.02	0.00	0.00	98	0	0	8357	0	0	8357
1343+00.00	134300.00	79.89	137.47	0.00	0.00	397	0	0	8754	0	0	8754
1344+00.00	134400.00	100.00	141.73	0.00	0.00	517	0	0	9271	0	0	9271
1345+00.00	134500.00	100.00	124.77	0.00	0.00	494	0	0	9765	0	0	9765
1346+00.00	134600.00	100.00	115.25	0.00	0.00	444	0	0	10209	0	0	10209
1347+00.00	134700.00	100.00	113.78	0.00	0.00	424	0	0	10633	0	0	10633
1348+00.00	134800.00	100.00	118.42	0.00	0.00	430	0	0	11063	0	0	11063
1349+00.00	134900.00	100.00	114.99	0.00	0.00	432	0	0	11495	0	0	11495
1349+57.56	134957.56	57.56	117.67	0.00	0.00	248	0	0	11743	0	0	11743
1350+00.00	135000.00	42.44	119.01	0.00	0.00	186	0	0	11929	0	0	11929
1351+00.00	135100.00	100.00	117.72	0.00	0.00	438	0	0	12367	0	0	12367
1352+00.00	135200.00	100.00	128.21	0.00	0.00	455	0	0	12822	0	0	12822
1353+00.00	135300.00	100.00	128.14	0.00	0.00	475	0	0	13297	0	0	13297
1354+00.00	135400.00	100.00	122.39	0.00	0.00	464	0	0	13761	0	0	13761
1355+00.00	135500.00	100.00	109.79	0.00	0.00	430	0	0	14191	0	0	14191
1356+00.00	135600.00	100.00	112.01	0.00	0.00	411	0	0	14602	0	0	14602
1357+00.00	135700.00	100.00	126.51	0.00	0.00	442	0	0	15044	0	0	15044
1358+00.00	135800.00	100.00	139.13	0.00	0.00	492	0	0	15536	0	0	15536
1359+00.00	135900.00	100.00	135.63	0.00	0.00	509	0	0	16045	0	0	16045
1360+00.00	136000.00	100.00	131.42	0.00	0.00	495	0	0	16540	0	0	16540
1361+00.00	136100.00	100.00	124.65	0.00	0.00	474	0	0	17014	0	0	17014
1362+00.00	136200.00	100.00	124.73	0.00	0.00	462	0	0	17476	0	0	17476
1363+00.00	136300.00	100.00	127.39	0.00	0.00	467	0	0	17943	0	0	17943
1364+00.00	136400.00	100.00	128.05	0.00	0.00	473	0	0	18416	0	0	18416
1365+00.00	136500.00	100.00	121.16	0.00	0.00	461	0	0	18877	0	0	18877
1366+00.00	136600.00	100.00	118.94	0.00	0.00	445	0	0	19322	0	0	19322
1367+00.00	136700.00	100.00	112.87	0.00	0.00	429	0	0	19751	0	0	19751
1368+00.00	136800.00	100.00	110.64	0.00	0.00	414	0	0	20165	0	0	20165
1369+00.00	136900.00	100.00	110.71	0.00	0.00	410	0	0	20575	0	0	20575
1370+00.00	137000.00	100.00	97.28	0.00	0.00	385	0	0	20960	0	0	20960
1371+00.00	137100.00	100.00	98.94	0.00	0.00	363	0	0	21323	0	0	21323
1372+00.00	137200.00	100.00	124.53	0.00	0.00	414	0	0	21737	0	0	21737

DIVISION 2 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1373+00.00	137300.00	100.00	114.25	0.00	0.00	442	0	0	22179	0	0	22179
1374+00.00	137400.00	100.00	97.72	0.00	0.00	393	0	0	22572	0	0	22572
1375+00.00	137500.00	100.00	105.33	0.00	0.00	376	0	0	22948	0	0	22948
1376+00.00	137600.00	100.00	112.38	0.00	0.00	403	0	0	23351	0	0	23351
1377+00.00	137700.00	100.00	114.25	0.00	0.00	420	0	0	23771	0	0	23771
1378+00.00	137800.00	100.00	118.01	0.00	0.00	430	0	0	24201	0	0	24201
1379+00.00	137900.00	100.00	122.26	0.00	0.00	445	0	0	24646	0	0	24646
1380+00.00	138000.00	100.00	126.30	0.00	0.00	460	0	0	25106	0	0	25106
1380+50.00	138050.00	50.00	124.32	0.00	0.00	232	0	0	25338	0	0	25338
1381+00.00	138100.00	50.00	124.79	0.00	0.00	231	0	0	25569	0	0	25569
1381+53.09	138153.09	53.09	130.10	0.00	0.00	251	0	0	25820	0	0	25820
1382+00.00	138200.00	46.91	126.65	0.00	0.00	223	0	0	26043	0	0	26043
1383+00.00	138300.00	100.00	125.50	0.00	0.00	467	0	0	26510	0	0	26510
1383+99.71	138399.71	99.71	123.42	0.00	0.00	460	0	0	26970	0	0	26970
1384+00.00	138400.00	0.29	123.42	0.00	0.00	1	0	0	26971	0	0	26971
1385+00.00	138500.00	100.00	122.94	0.00	0.00	456	0	0	27427	0	0	27427
1386+00.00	138600.00	100.00	120.21	0.00	0.00	450	0	0	27877	0	0	27877
1387+00.00	138700.00	100.00	121.61	0.00	0.00	448	0	0	28325	0	0	28325
1388+00.00	138800.00	100.00	115.68	0.00	0.00	439	0	0	28764	0	0	28764
1389+00.00	138900.00	100.00	93.67	0.00	0.00	388	0	0	29152	0	0	29152
1390+00.00	139000.00	100.00	112.81	0.00	0.00	382	0	0	29534	0	0	29534
1391+00.00	139100.00	100.00	116.69	0.00	0.00	425	0	0	29959	0	0	29959
1392+00.00	139200.00	100.00	108.45	0.00	0.00	417	0	0	30376	0	0	30376
1393+00.00	139300.00	100.00	129.86	0.00	0.00	441	0	0	30817	0	0	30817
1394+00.00	139400.00	100.00	130.59	0.00	0.00	482	0	0	31299	0	0	31299
1395+00.00	139500.00	100.00	128.48	0.00	0.00	480	0	0	31779	0	0	31779
1396+00.00	139600.00	100.00	122.85	0.00	0.00	465	0	0	32244	0	0	32244
1396+25.00	139625.00	25.00	123.27	0.00	0.00	114	0	0	32358	0	0	32358
1397+00.00	139700.00	75.00	126.64	0.00	0.00	347	0	0	32705	0	0	32705
1398+00.00	139800.00	100.00	133.28	0.00	0.00	481	0	0	33186	0	0	33186
1398+55.94	139855.94	55.94	130.78	0.00	0.00	274	0	0	33460	0	0	33460
1399+00.00	139900.00	44.06	128.59	0.00	0.00	212	0	0	33672	0	0	33672
1400+00.00	140000.00	100.00	128.28	0.00	0.00	476	0	0	34148	0	0	34148
1400+50.00	140050.00	50.00	130.54	0.00	0.00	240	0	0	34388	0	0	34388
1401+00.00	140100.00	50.00	0.00	0.00	0.00	121	0	0	34509	0	0	34509
1402+00.00	140200.00	100.00	128.94	0.00	0.00	239	0	0	34748	0	0	34748
1402+20.06	140220.06	20.06	125.63	0.00	0.00	95	0	0	34843	0	0	34843
1402+50.00	140250.00	29.94	123.05	0.00	0.00	138	0	0	34981	0	0	34981
1403+00.00	140300.00	50.00	124.31	0.00	0.00	229	0	0	35210	0	0	35210
1403+00.00	140300.00	0.00	0.00	0.00	0.00	0	0	0	35210	0	0	35210
1403+36.48	140336.48	36.48	132.76	0.00	0.00	90	0	0	35300	0	0	35300
1404+00.00	140400.00	63.52	131.85	0.00	0.00	311	0	0	35611	0	0	35611
1405+00.00	140500.00	100.00	130.55	0.00	0.00	486	0	0	36097	0	0	36097
1405+18.00	140518.00	18.00	130.39	0.00	0.00	87	0	0	36184	0	0	36184
1406+00.00	140600.00	82.00	123.96	0.00	0.00	386	0	0	36570	0	0	36570
1407+00.00	140700.00	100.00	105.32	0.01	0.00	425	0	0	36995	0	0	36995
1408+00.00	140800.00	100.00	100.07	0.00	0.00	380	0	0	37375	0	0	37375
1409+00.00	140900.00	100.00	91.12	0.07	0.00	354	0	0	37729	0	0	37729
1409+15.85	140915.85	15.85	87.42	0.00	0.00	52	0	0	37781	0	0	37781
1410+00.00	141000.00	84.15	61.39	0.00	0.00	232	0	0	38013	0	0	38013
1410+44.20	141044.20	44.20	62.06	0.00	0.00	101	0	0	38114	0	0	38114

DIVISION 2 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1412+47.23	141247.23	0.00	92.42	0.00	0.00	0	0	0	0	0	0	0
1413+00.00	141300.00	52.77	91.40	0.00	0.00	180	0	0	180	0	0	180
1414+00.00	141400.00	100.00	84.95	0.00	0.00	327	0	0	507	0	0	507
1415+00.00	141500.00	100.00	88.66	0.01	0.00	322	0	0	829	0	0	829
1416+00.00	141600.00	100.00	130.08	0.00	0.00	405	0	0	1234	0	0	1234
1417+00.00	141700.00	100.00	121.79	0.00	0.00	466	0	0	1700	0	0	1700
1417+92.53	141792.53	92.53	135.06	0.00	0.00	440	0	0	2140	0	0	2140
1418+00.00	141800.00	7.47	136.63	0.00	0.00	38	0	0	2178	0	0	2178
1419+00.00	141900.00	100.00	134.41	0.00	0.00	502	0	0	2680	0	0	2680
1420+00.00	142000.00	100.00	132.47	0.00	0.00	494	0	0	3174	0	0	3174
1421+00.00	142100.00	100.00	137.11	0.00	0.00	499	0	0	3673	0	0	3673
1422+00.00	142200.00	100.00	131.17	0.00	0.00	497	0	0	4170	0	0	4170
1423+00.00	142300.00	100.00	137.36	0.00	0.00	497	0	0	4667	0	0	4667
1424+00.00	142400.00	100.00	116.33	0.00	0.00	470	0	0	5137	0	0	5137
1425+00.00	142500.00	100.00	114.42	0.00	0.00	427	0	0	5564	0	0	5564
1426+00.00	142600.00	100.00	108.86	0.00	0.00	413	0	0	5977	0	0	5977
1427+00.00	142700.00	100.00	107.01	0.00	0.00	400	0	0	6377	0	0	6377
1428+00.00	142800.00	100.00	111.39	0.00	0.00	404	0	0	6781	0	0	6781
1429+00.00	142900.00	100.00	104.31	0.00	0.00	399	0	0	7180	0	0	7180
1430+00.00	143000.00	100.00	85.06	0.00	0.00	351	0	0	7531	0	0	7531
1431+00.00	143100.00	100.00	63.75	0.00	0.00	276	0	0	7807	0	0	7807
1432+00.00	143200.00	100.00	87.44	0.00	0.00	280	0	0	8087	0	0	8087
1433+00.00	143300.00	100.00	100.52	0.00	0.00	348	0	0	8435	0	0	8435
1434+00.00	143400.00	100.00	99.63	0.00	0.00	371	0	0	8806	0	0	8806
1434+84.41	143484.41	84.41	114.00	0.00	0.00	334	0	0	9140	0	0	9140
1435+00.00	143500.00	15.59	119.81	0.00	0.00	68	0	0	9208	0	0	9208
1436+00.00	143600.00	100.00	160.11	0.00	0.00	518	0	0	9726	0	0	9726
1436+03.33	143603.33	3.33	156.41	0.00	0.00	20	0	0	9746	0	0	9746

DIVISION 2 - ALIPROF-41NB-EX-OCO-6770

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED EBS BACKFILL	MASS ORDINATE
1437+75.54	143775.54	0.00	107.03	0.00	0.00	0	0	0	0	0	0	0
1438+00.00	143800.00	24.46	123.22	0.00	0.00	104	0	0	104	0	0	104
1439+00.00	143900.00	100.00	103.05	0.00	0.00	419	0	0	523	0	0	523
1440+00.00	144000.00	100.00	92.26	0.00	0.00	362	0	0	885	0	0	885
1440+08.46	144008.46	8.46	90.37	0.00	0.00	29	0	0	914	0	0	914
1440+50.00	144050.00	41.54	87.40	0.00	0.00	137	0	0	1051	0	0	1051
1441+00.00	144100.00	50.00	103.97	0.00	0.00	177	0	0	1228	0	0	1228
1442+00.00	144200.00	100.00	102.79	0.00	0.00	383	0	0	1611	0	0	1611
1443+00.00	144300.00	100.00	102.64	0.00	0.00	380	0	0	1991	0	0	1991
1444+00.00	144400.00	100.00	95.26	0.00	0.00	366	0	0	2357	0	0	2357
1445+00.00	144500.00	100.00	92.06	0.00	0.00	347	0	0	2704	0	0	2704
1446+00.00	144600.00	100.00	129.41	0.00	0.00	410	0	0	3114	0	0	3114
1447+00.00	144700.00	100.00	115.07	0.00	0.00	453	0	0	3567	0	0	3567
1448+00.00	144800.00	100.00	119.49	0.00	0.00	434	0	0	4001	0	0	4001
1449+00.00	144900.00	100.00	126.96	0.00	0.00	456	0	0	4457	0	0	4457
1450+00.00	145000.00	100.00	129.94	0.00	0.00	476	0	0	4933	0	0	4933
1451+00.00	145100.00	100.00	126.90	0.00	0.00	476	0	0	5409	0	0	5409
1452+00.00	145200.00	100.00	122.01	0.00	0.00	461	0	0	5870	0	0	5870
1453+00.00	145300.00	100.00	119.93	0.00	0.00	448	0	0	6318	0	0	6318
1454+00.00	145400.00	100.00	128.84	0.00	0.00	461	0	0	6779	0	0	6779
1455+00.00	145500.00	100.00	136.44	0.00	0.00	491	0	0	7270	0	0	7270
1456+00.00	145600.00	100.00	132.78	0.00	0.00	499	0	0	7769	0	0	7769
1457+00.00	145700.00	100.00	128.94	0.00	0.00	485	0	0	8254	0	0	8254
1458+00.00	145800.00	100.00	124.69	0.00	0.00	470	0	0	8724	0	0	8724
1459+00.00	145900.00	100.00	119.27	0.00	0.00	452	0	0	9176	0	0	9176
1460+00.00	146000.00	100.00	116.48	0.00	0.00	437	0	0	9613	0	0	9613
1461+00.00	146100.00	100.00	115.87	0.00	0.00	430	0	0	10043	0	0	10043
1462+00.00	146200.00	100.00	115.45	0.00	0.00	428	0	0	10471	0	0	10471
1463+00.00	146300.00	100.00	111.94	0.00	0.00	421	0	0	10892	0	0	10892
1464+00.00	146400.00	100.00	119.95	0.00	0.00	429	0	0	11321	0	0	11321
1465+00.00	146500.00	100.00	122.36	0.00	0.00	449	0	0	11770	0	0	11770
1466+00.00	146600.00	100.00	114.26	0.00	0.00	438	0	0	12208	0	0	12208
1467+00.00	146700.00	100.00	122.79	0.00	0.00	439	0	0	12647	0	0	12647
1468+00.00	146800.00	100.00	114.51	0.00	0.00	439	0	0	13086	0	0	13086
1469+00.00	146900.00	100.00	118.37	0.00	0.00	431	0	0	13517	0	0	13517
1470+00.00	147000.00	100.00	113.86	0.00	0.00	430	0	0	13947	0	0	13947
1470+50.95	147050.95	50.95	122.18	0.00	0.00	223	0	0	14170	0	0	14170

UNBT

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	FILL	EBS BACKFILL	MASS ORDINATE
122+76	12275.54	0.00	4.59	0.00	0.00	0	0	0	0	0	0	0
122+93	12293.43	17.89	5.67	0.09	0.00	3	0	0	3	0	0	3
122+96	12296.45	3.02	5.83	0.00	0.00	1	0	0	4	0	0	4
123+00	12300.00	3.55	5.23	0.00	0.00	1	0	0	5	0	0	5
123+11	12310.54	10.54	3.79	1.33	0.00	2	0	0	7	0	0	7
123+11	12310.55	0.01	78.66	1.76	0.00	0	0	0	7	0	0	7
123+50	12350.00	39.45	90.82	1.11	0.00	124	2	0	131	2	0	129
123+56	12356.00	6.00	89.99	2.54	0.00	20	0	0	151	2	0	149
123+75	12375.00	19.00	94.05	3.13	0.00	65	2	0	216	4	0	212
124+00	12400.00	25.00	98.96	2.79	0.00	89	3	0	305	7	0	298
124+50	12450.00	50.00	116.37	1.78	0.00	199	4	0	504	11	0	493
124+61	12461.17	11.17	122.54	3.12	0.00	49	1	0	553	12	0	541
124+72	12471.81	10.64	135.85	4.11	0.00	51	1	0	604	13	0	591
125+00	12500.00	28.19	137.77	0.00	0.00	143	2	0	747	15	0	732
125+14	12514.26	14.26	125.12	0.00	0.00	69	0	0	816	15	0	801
125+50	12550.00	35.74	114.42	0.00	0.00	159	0	0	975	15	0	960
125+58	12557.85	7.85	113.39	0.00	0.00	33	0	0	1,008	15	0	993
126+00	12600.00	42.15	102.47	0.98	0.00	168	1	0	1,176	16	0	1,160
126+05	12605.35	5.35	100.57	1.40	0.00	20	0	0	1,196	16	0	1,180
126+50	12650.00	44.65	83.32	7.47	0.00	152	7	0	1,348	23	0	1,325
126+62	12662.42	12.42	82.94	9.17	0.00	38	4	0	1,386	27	0	1,359
126+75	12675.00	12.58	84.48	9.89	0.00	39	4	0	1,425	31	0	1,394
127+00	12700.00	25.00	88.14	0.00	0.00	80	5	0	1,505	36	0	1,469
127+09	12708.59	8.59	96.80	0.00	0.00	29	0	0	1,534	36	0	1,498
127+35	12735.30	26.71	149.46	0.00	0.00	122	0	0	1,656	36	0	1,620
127+35	12735.31	0.01	61.27	0.00	0.00	0	0	0	1,656	36	0	1,620
127+50	12750.00	14.69	28.70	0.00	0.00	24	0	0	1,680	36	0	1,644
127+57	12757.22	7.22	15.36	0.40	0.00	6	0	0	1,686	36	0	1,650
128+00	12800.00	42.78	24.40	0.00	0.00	31	0	0	1,717	36	0	1,681
128+50	12849.70	49.70	12.32	0.02	0.00	34	0	0	1,751	36	0	1,715
128+50	12849.71	0.01	5.85	0.01	0.00	0	0	0	1,751	36	0	1,715
128+50	12850.00	0.29	5.37	0.04	0.00	0	0	0	1,751	36	0	1,715
129+00	12900.00	50.00	30.74	0.32	0.00	33	0	0	1,784	36	0	1,748

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USBT

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)			
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	FILL	EBS BACKFILL	MASS ORDINATE
122+99	12299.39	0.00	98.15	3.40	0.00	0	0	0	0	0	0	0
123+00	12300.00	0.61	98.14	3.45	0.00	2	0	0	2	0	0	2
123+35	12334.53	34.53	98.65	13.21	0.00	126	11	0	128	11	0	117
123+45	12344.81	10.28	101.61	4.02	0.00	38	3	0	166	14	0	152
123+50	12350.00	5.19	102.79	1.57	0.00	20	1	0	186	15	0	171
124+00	12400.00	50.00	103.87	0.03	0.00	191	1	0	377	16	0	361
124+23	12422.57	22.57	94.09	2.35	0.00	83	1	0	460	17	0	443
124+38	12438.22	15.65	98.66	1.93	0.00	56	1	0	516	18	0	498
124+50	12450.00	11.78	103.86	0.77	0.00	44	1	0	560	19	0	541
124+84	12484.34	34.34	116.94	0.00	0.00	140	0	0	700	19	0	681
125+00	12500.00	15.66	119.76	0.00	0.00	69	0	0	769	19	0	750
125+44	12544.16	44.16	115.91	0.00	0.00	193	0	0	962	19	0	943
125+50	12550.00	5.84	114.89	0.00	0.00	25	0	0	987	19	0	968
125+94	12594.18	44.18	102.78	0.00	0.00	178	0	0	1,165	19	0	1,146
126+00	12600.00	5.82	99.47	0.00	0.00	22	0	0	1,187	19	0	1,168
126+25	12625.00	25.00	88.77	0.00	0.00	87	0	0	1,274	19	0	1,255
126+50	12650.00	25.00	93.08	0.00	0.00	84	0	0	1,358	19	0	1,339
127+00	12700.00	50.00	100.36	0.76	0.00	179	1	0	1,537	20	0	1,517
127+03	12702.65	2.65	101.96	1.26	0.00	10	0	0	1,547	20	0	1,527
127+24	12724.15	21.50	97.70	3.82	0.00	79	2	0	1,626	22	0	1,604
127+24	12724.16	0.01	17.27	3.82	0.00	0	0	0	1,626	22	0	1,604
127+45	12745.48	21.32	10.13	2.32	0.00	11	2	0	1,637	24	0	1,613
127+50	12750.00	4.52	9.71	3.43	0.00	2	0	0	1,639	24	0	1,615
127+71	12770.98	20.98	6.83	0.01	0.00	6	1	0	1,645	25	0	1,620
127+91	12791.38	20.40	3.82	0.15	0.00	4	0	0	1,649	25	0	1,624
128+00	12800.00	8.62	3.00	0.54	0.00	1	0	0	1,650	25	0	1,625
128+15	12815.34	15.34	2.78	1.42	0.00	2	1	0	1,652	26	0	1,626

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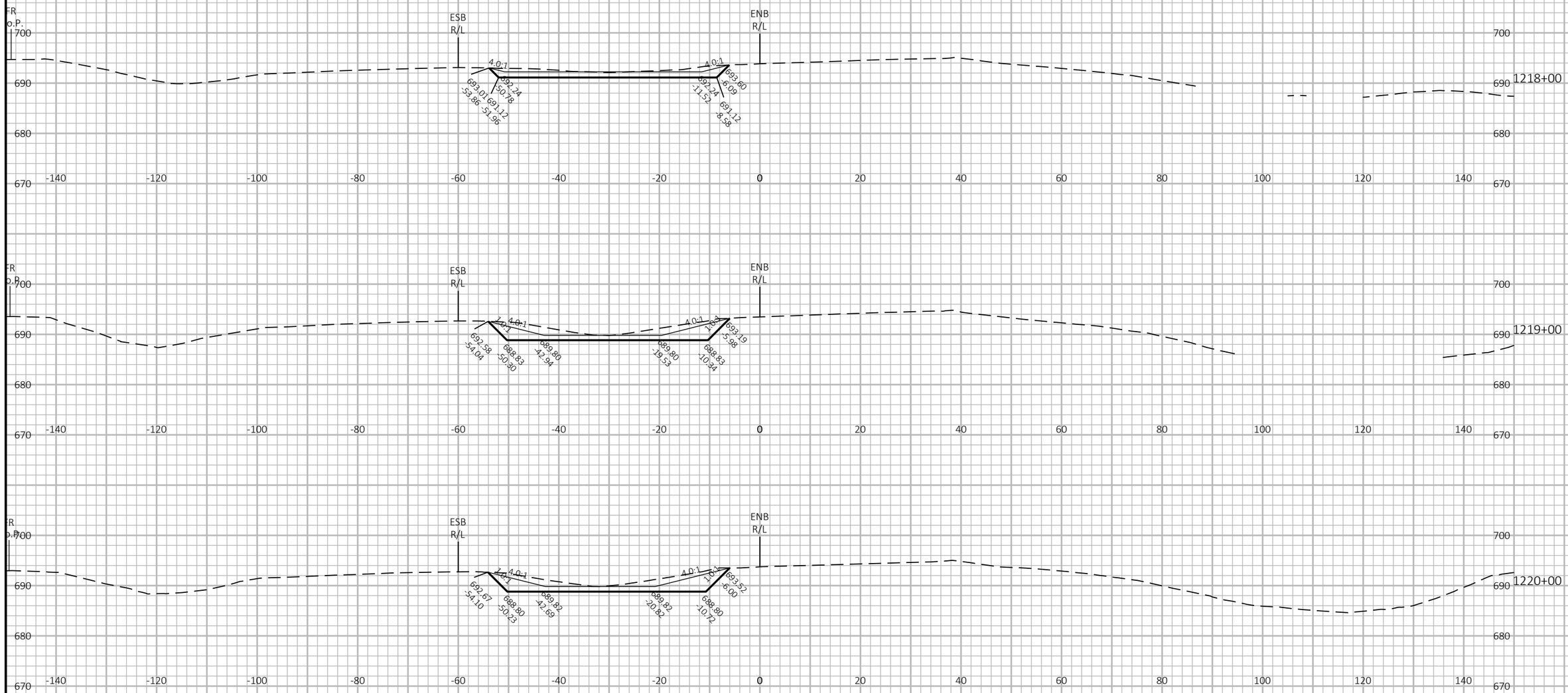

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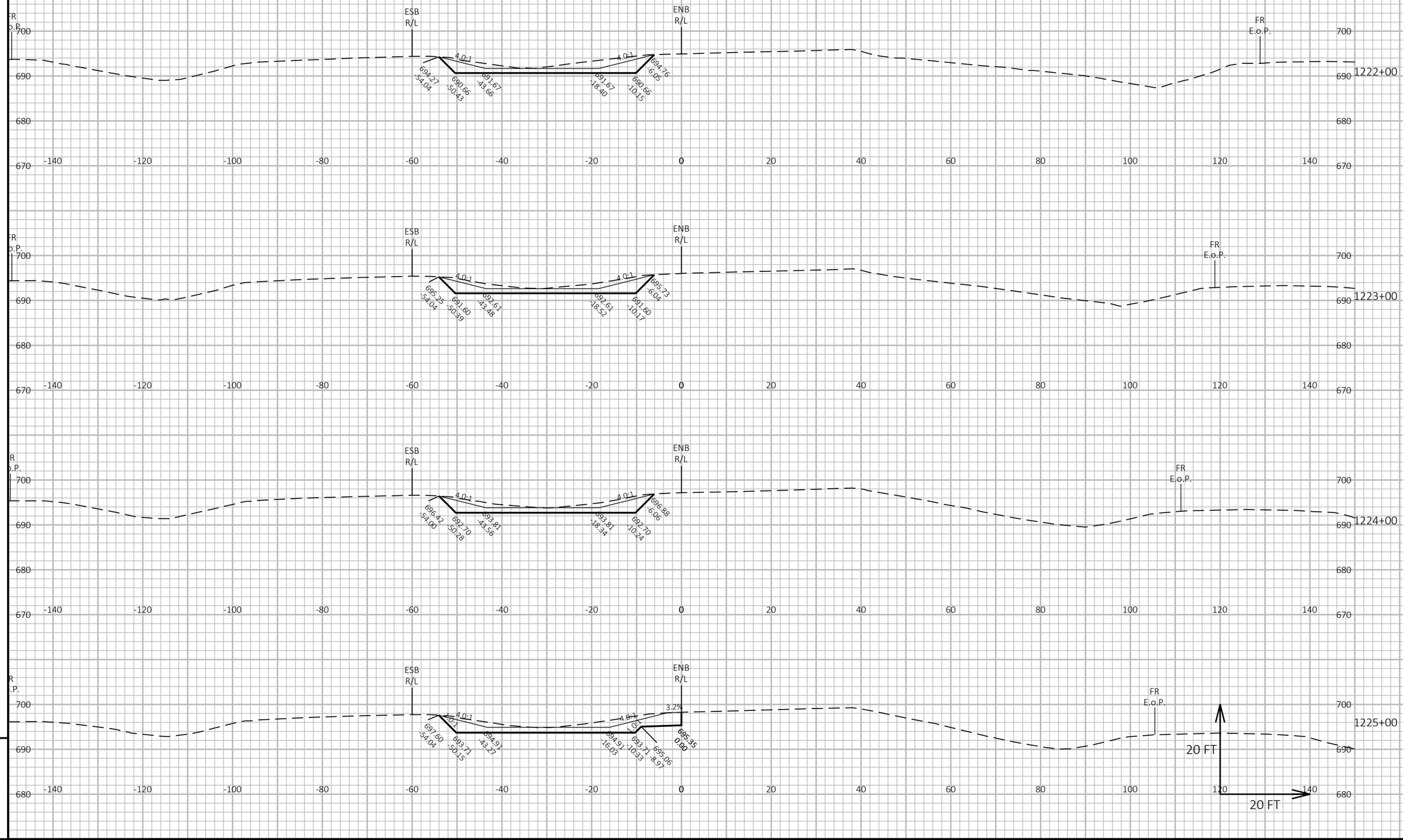
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 306	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 11/1/2024 12:44 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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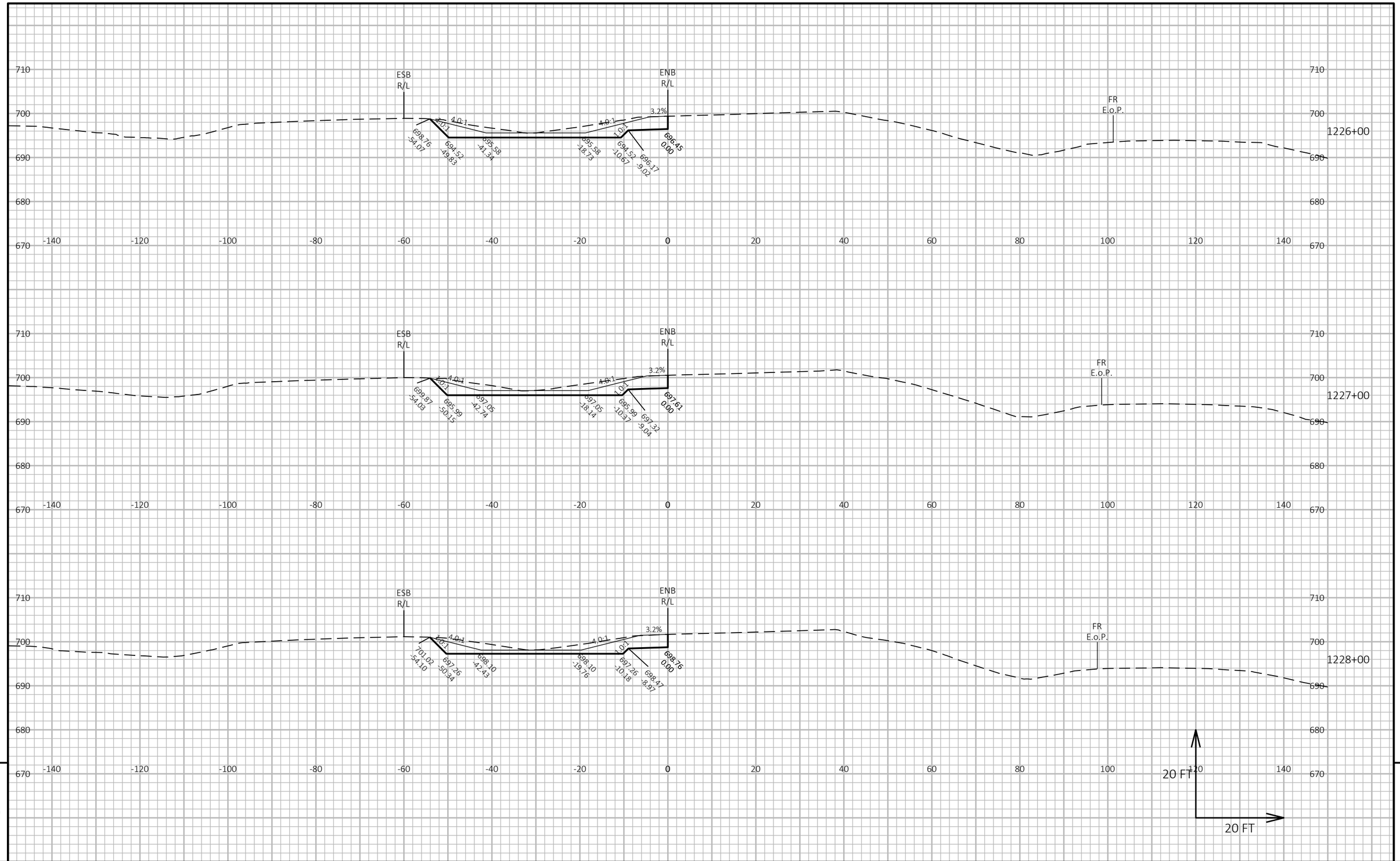
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 307	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 11/1/2024 12:45 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 308	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 12/23/2024 4:16 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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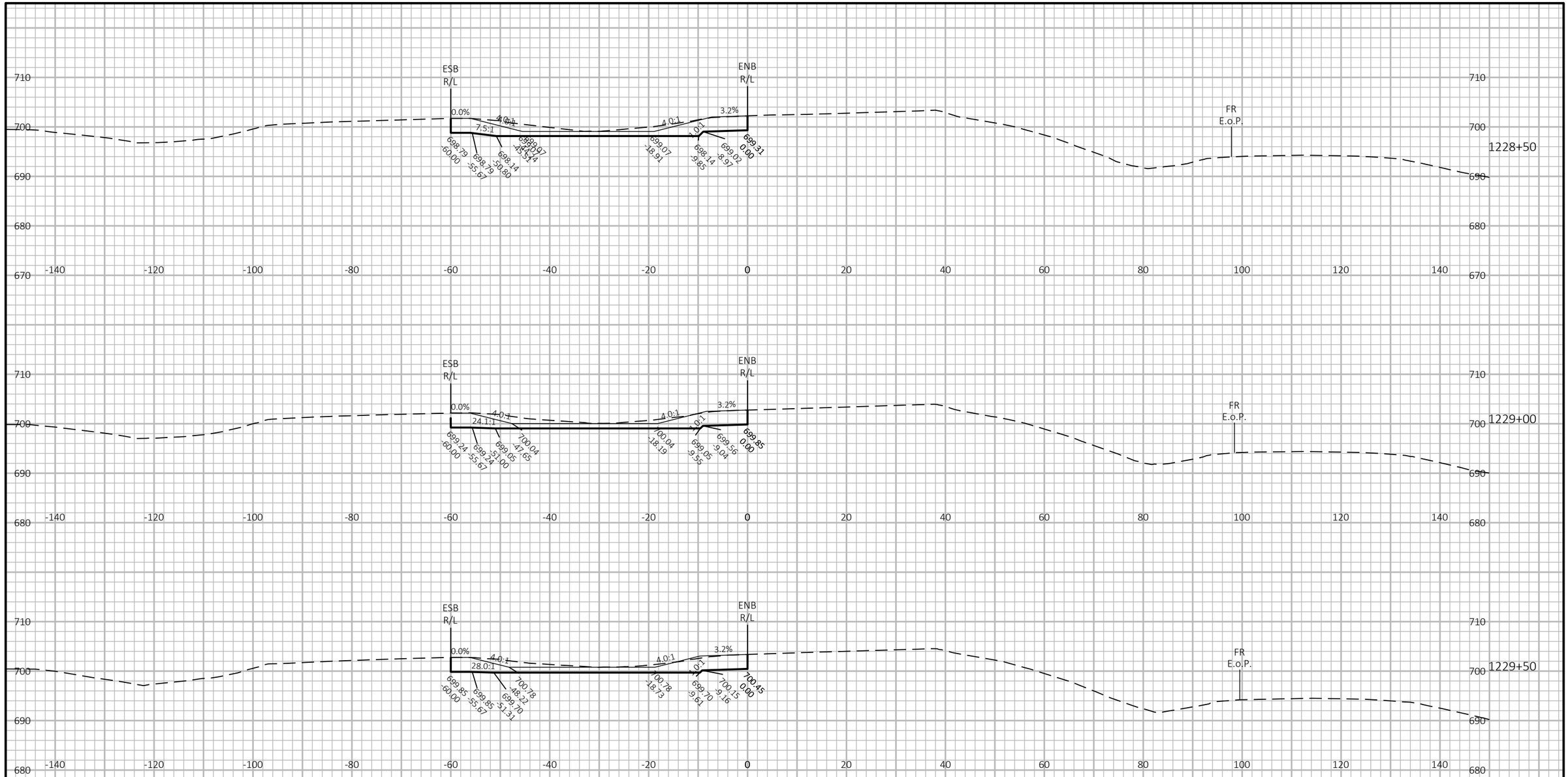

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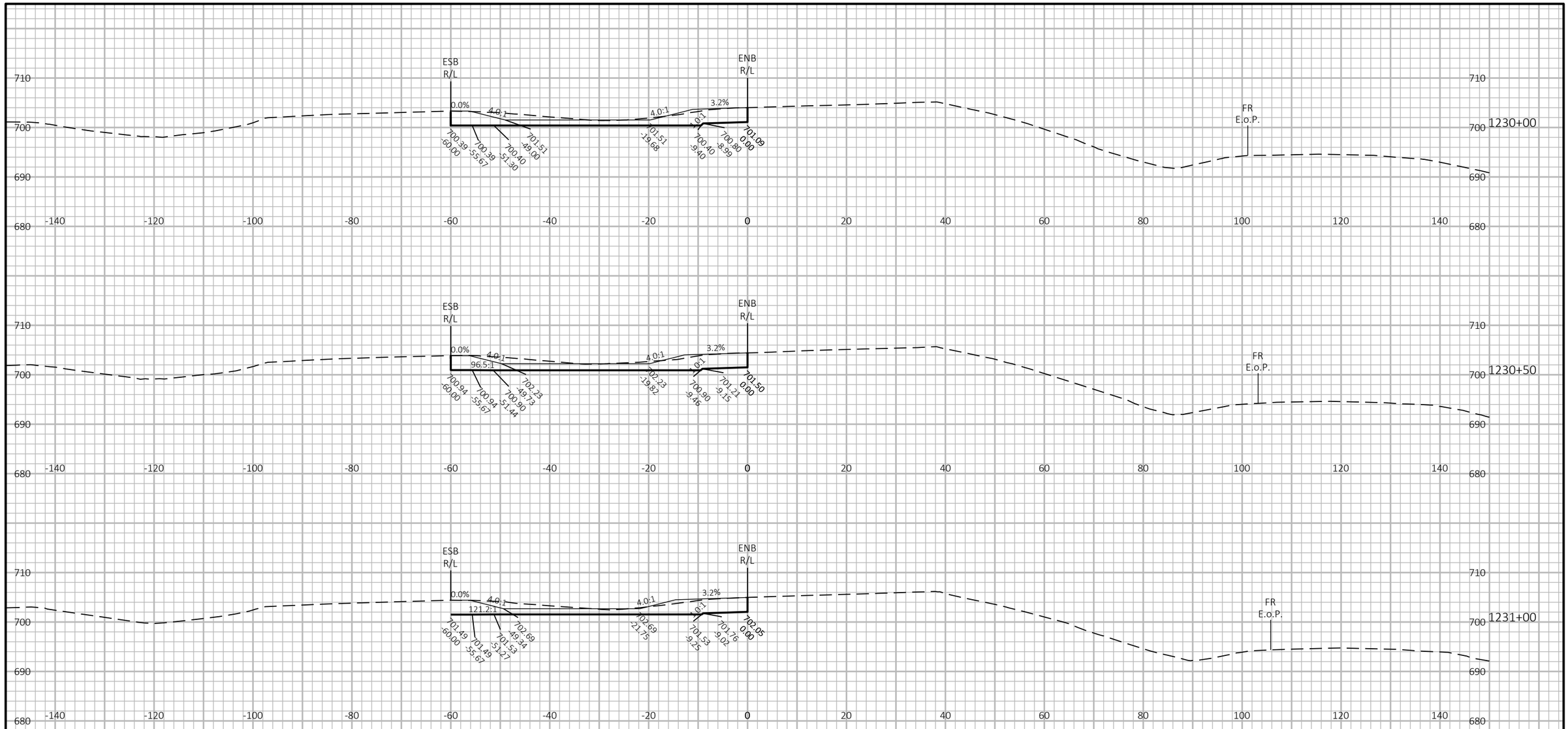
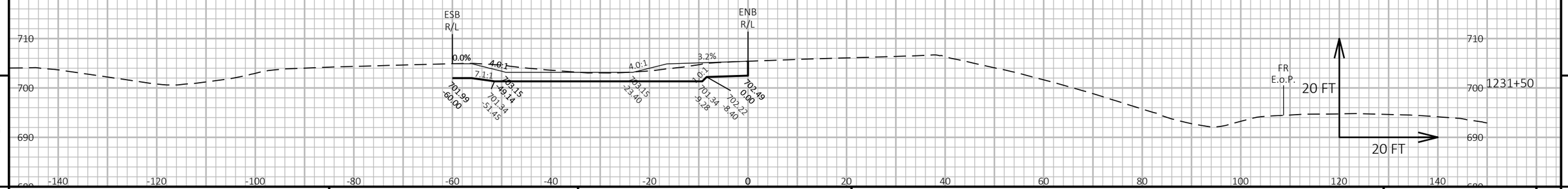
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 309	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 12/23/2024 4:17 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49





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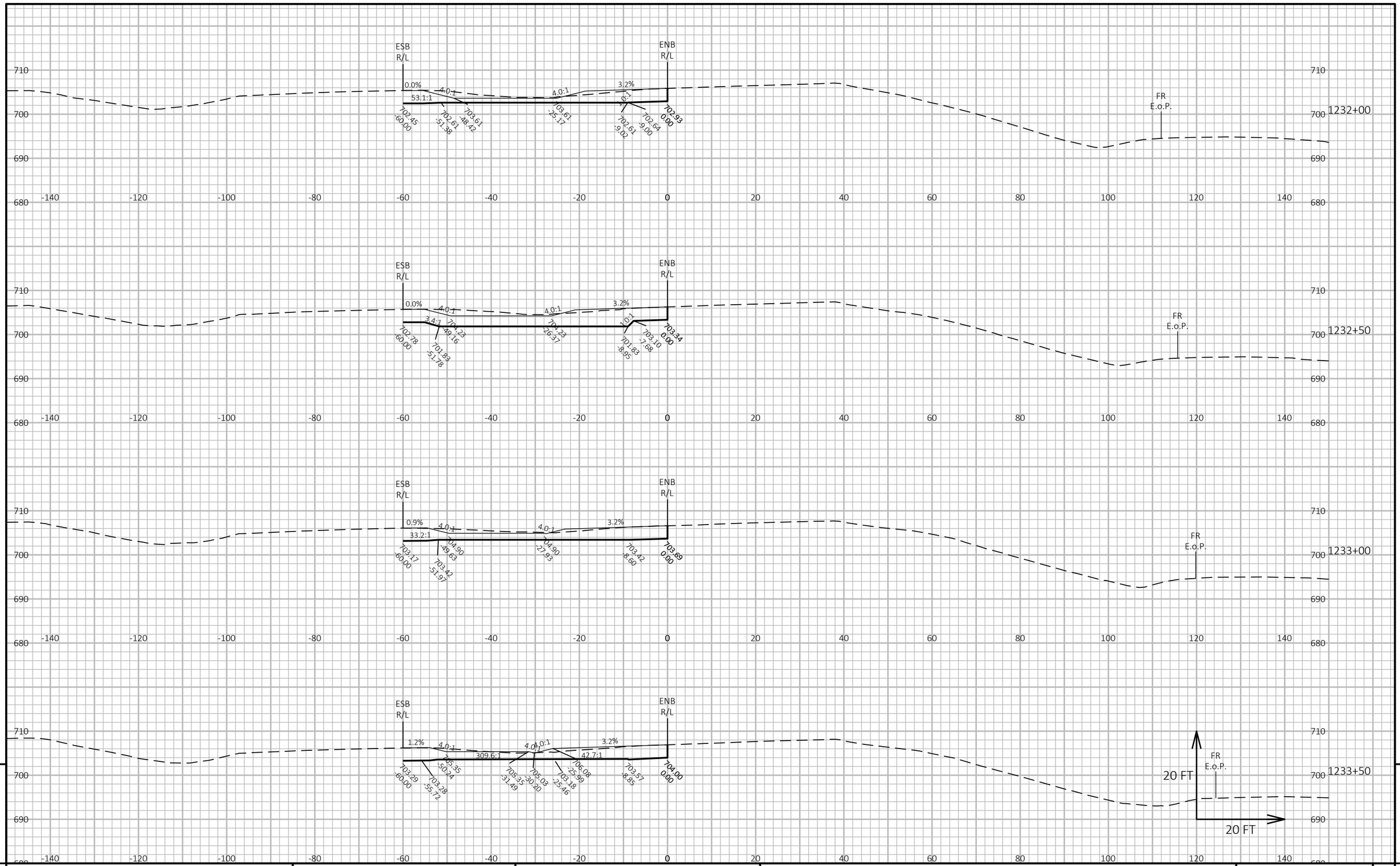
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 310	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 12/23/2024 4:17 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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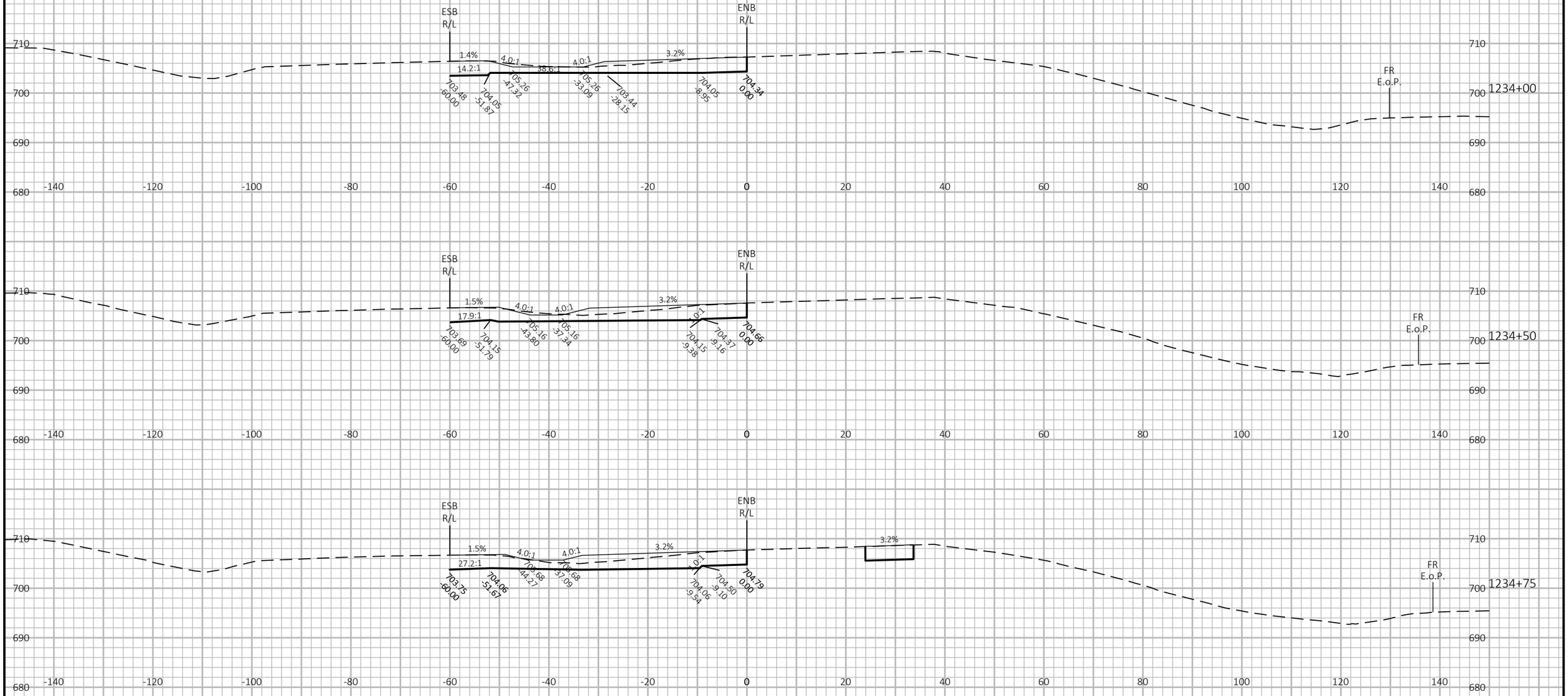
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 311	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 12/23/2024 4:18 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

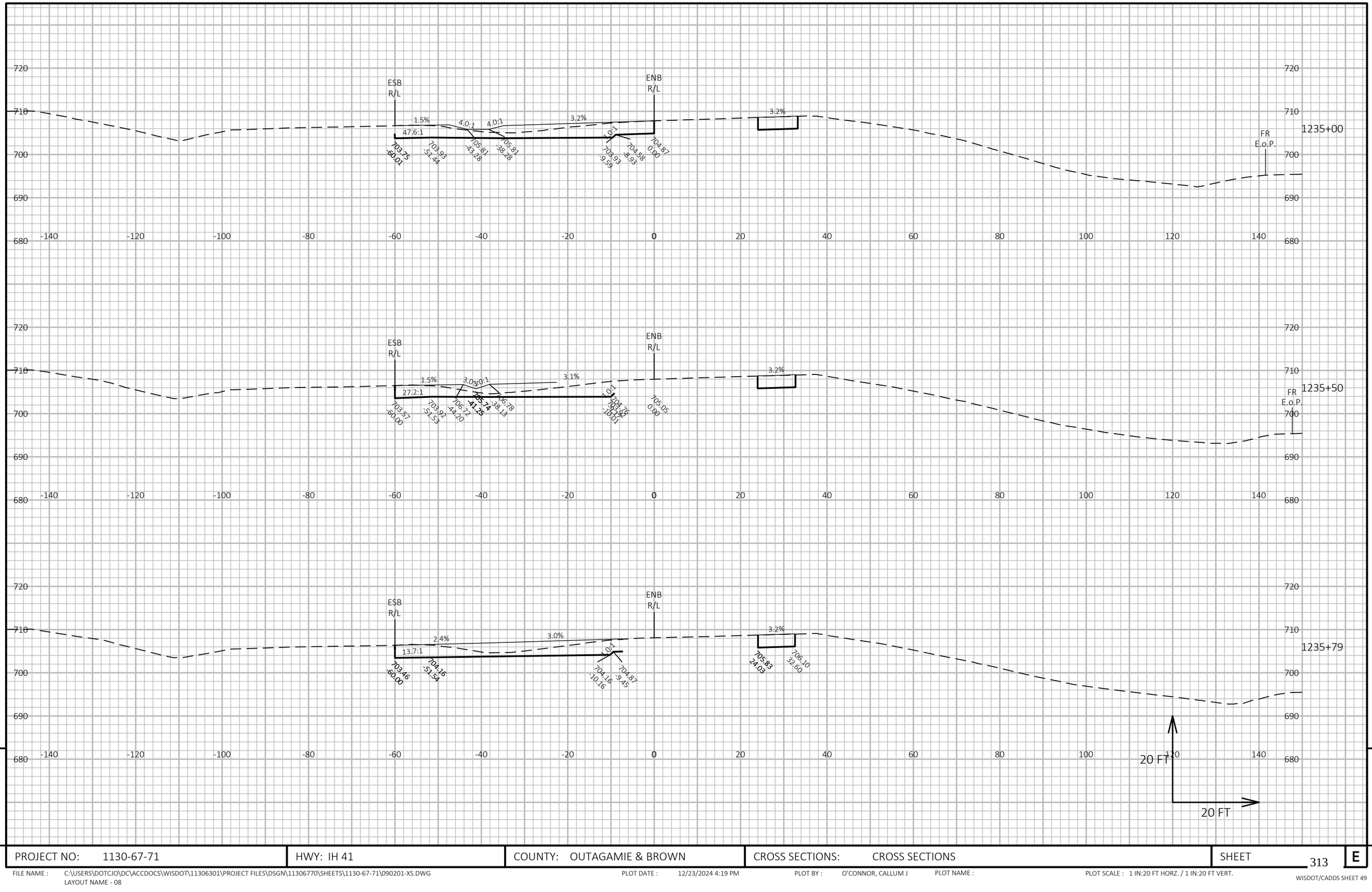


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 312 E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 07

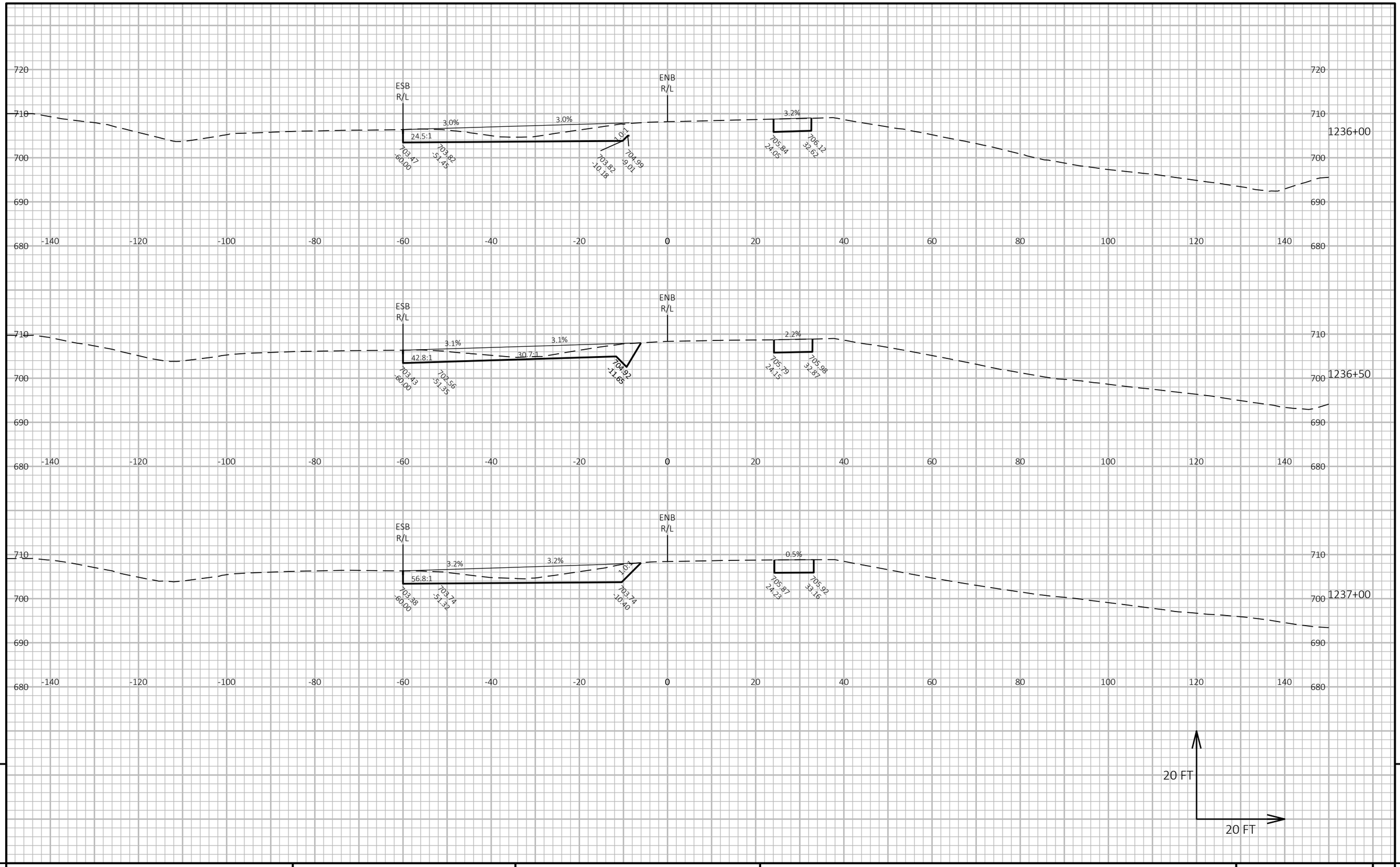
PLOT DATE : 12/23/2024 4:19 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 313 E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 08
PLOT DATE : 12/23/2024 4:19 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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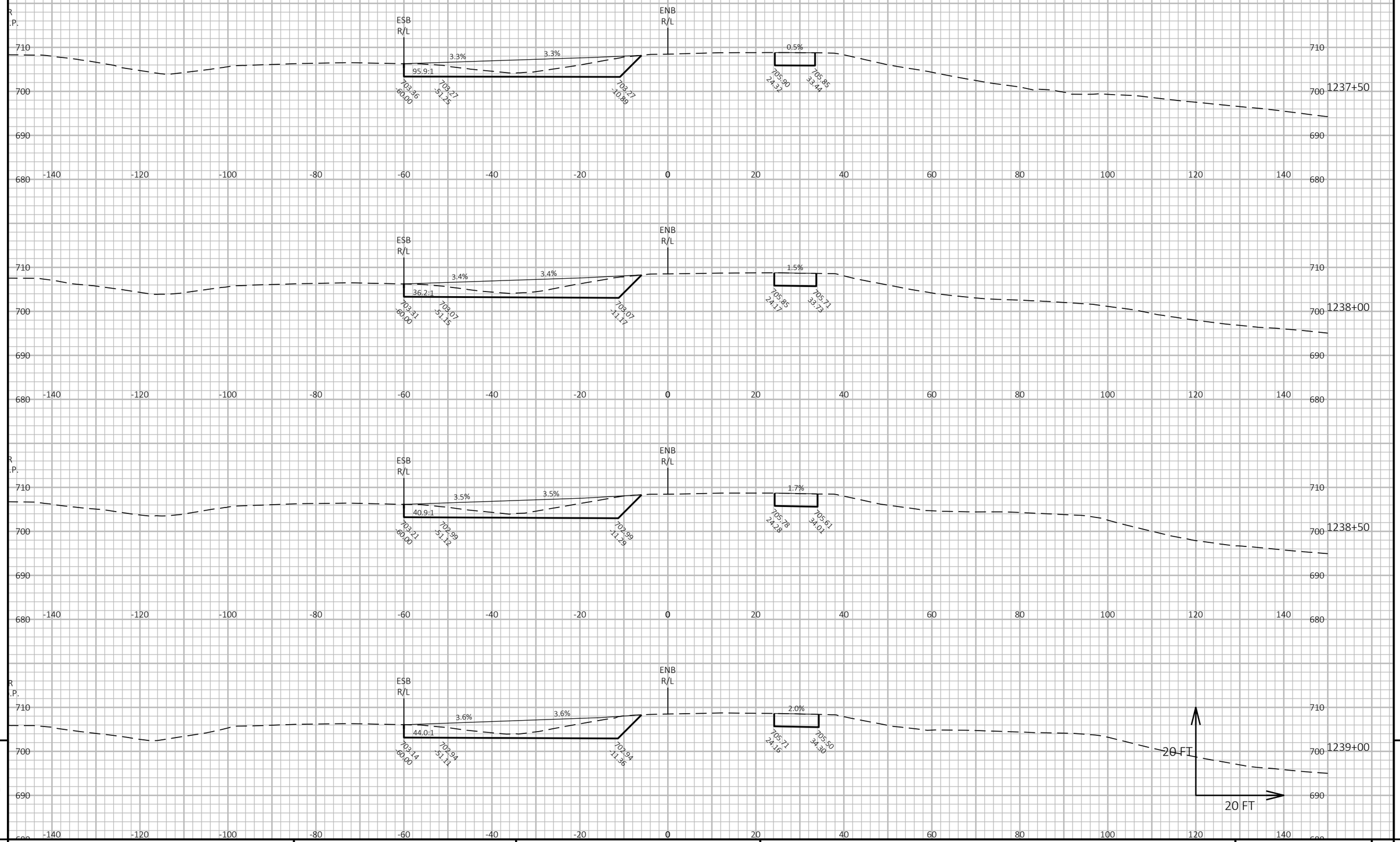
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 314	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 12/23/2024 4:20 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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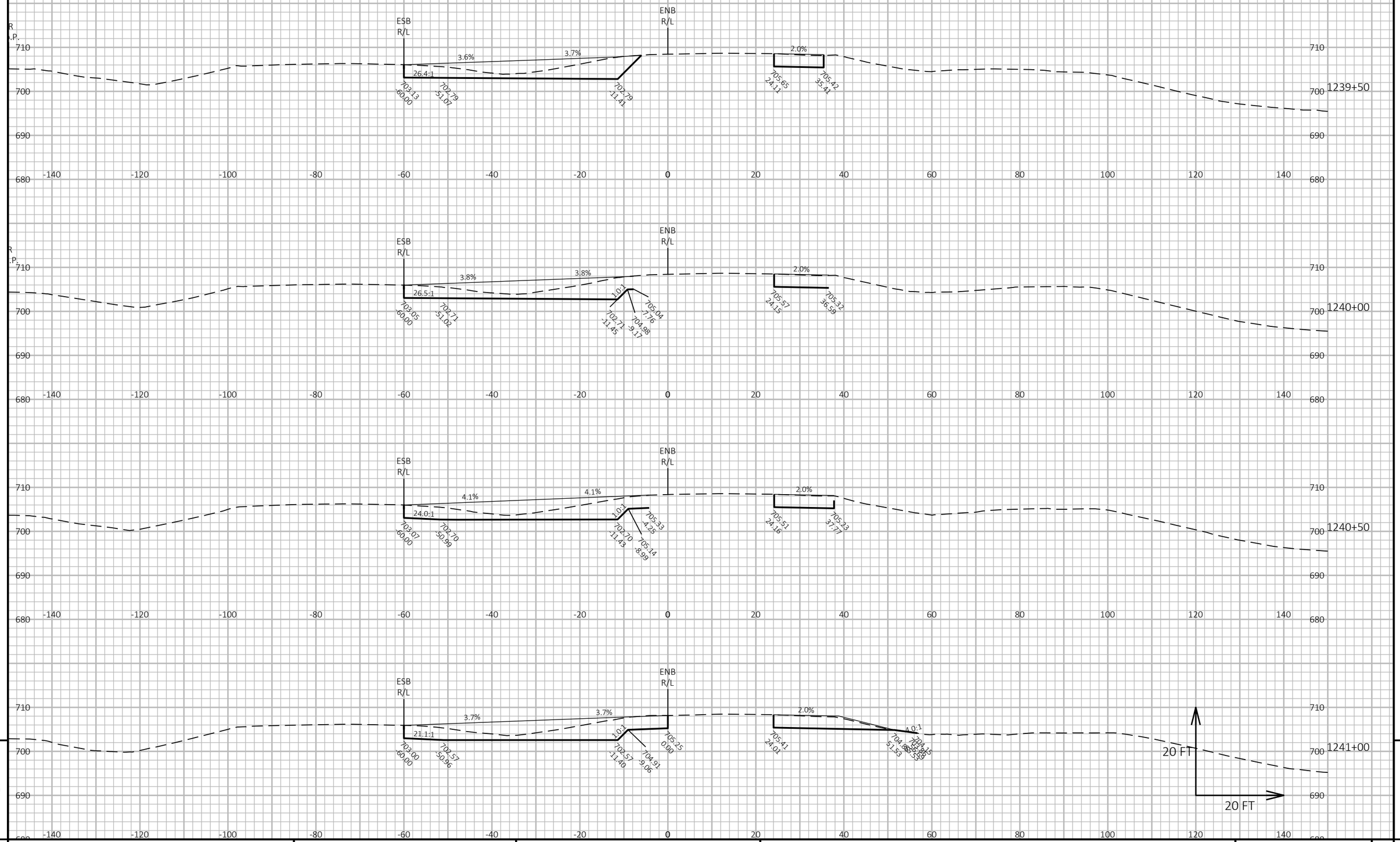
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 315	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 12/23/2024 4:20 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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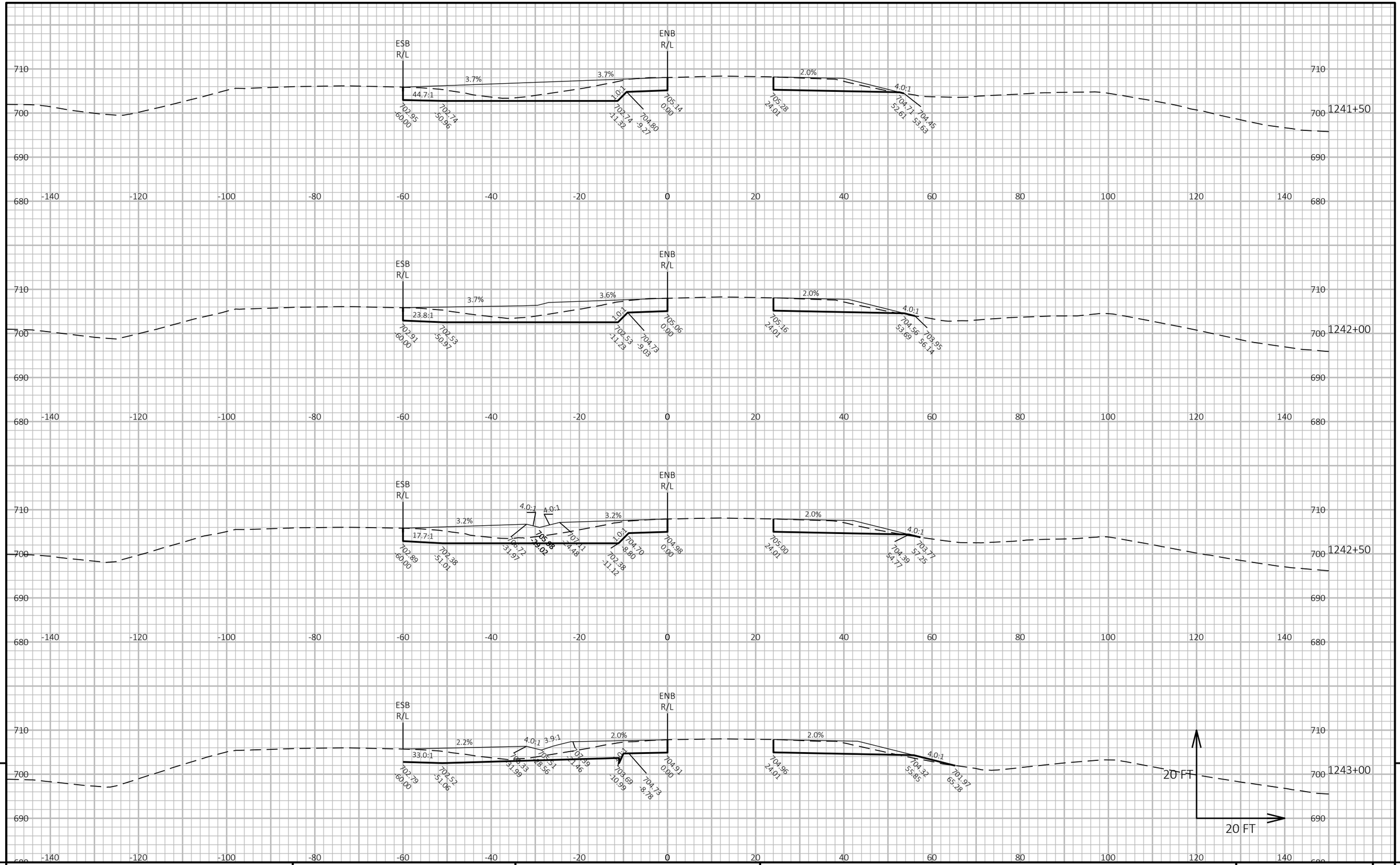
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 316	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 12/23/2024 4:21 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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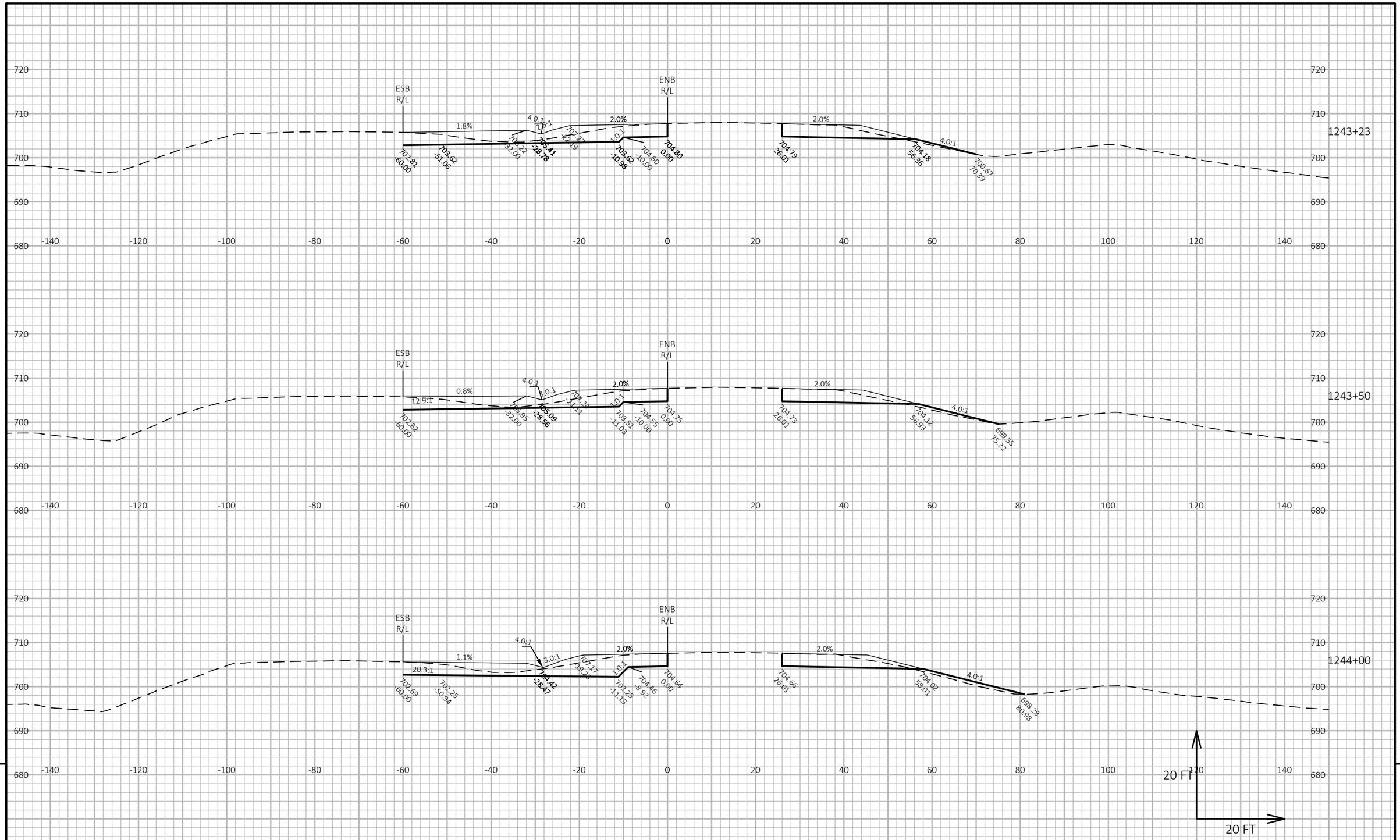
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 317	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 12/23/2024 4:21 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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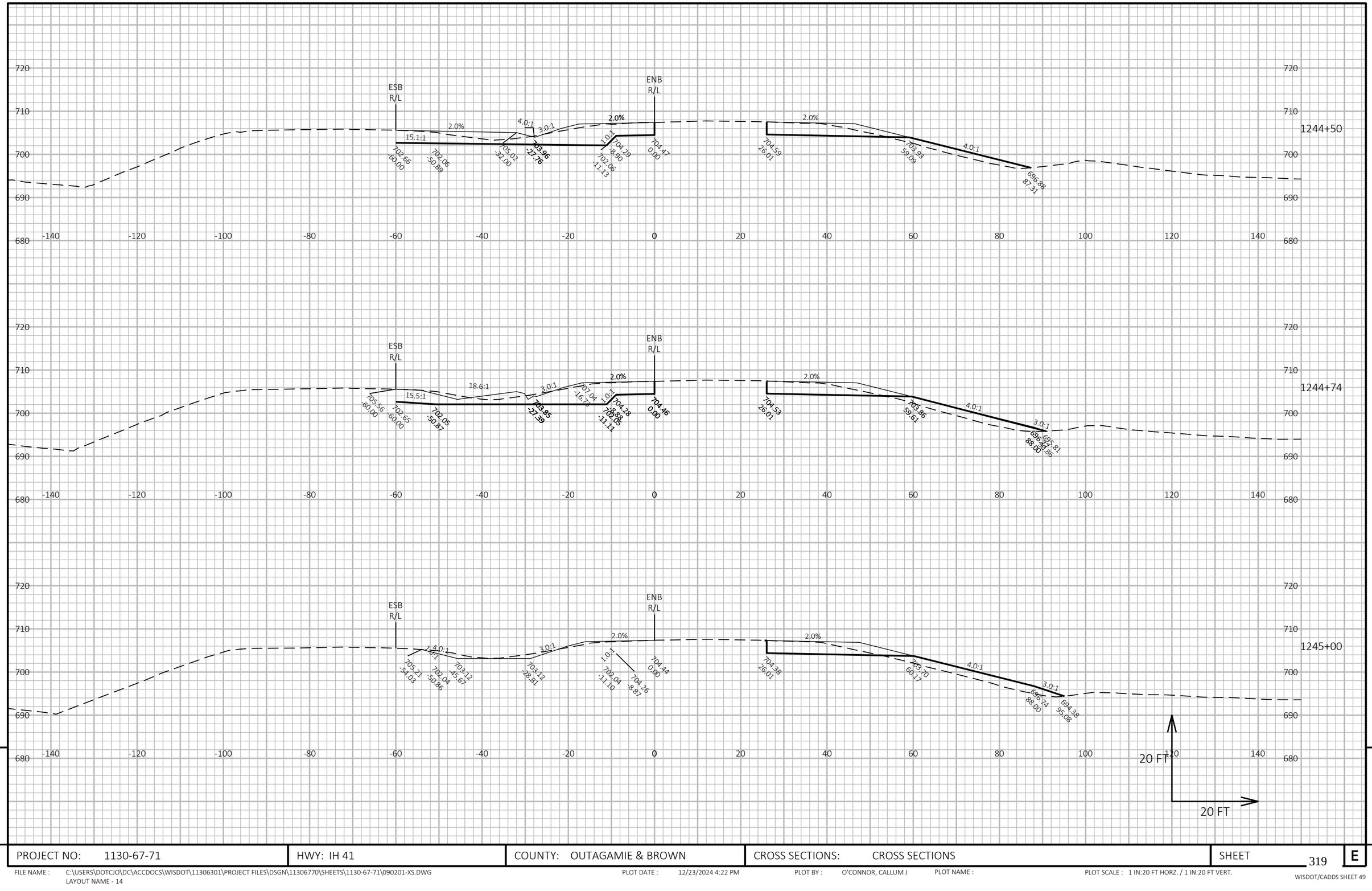
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 318	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 12/23/2024 4:22 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

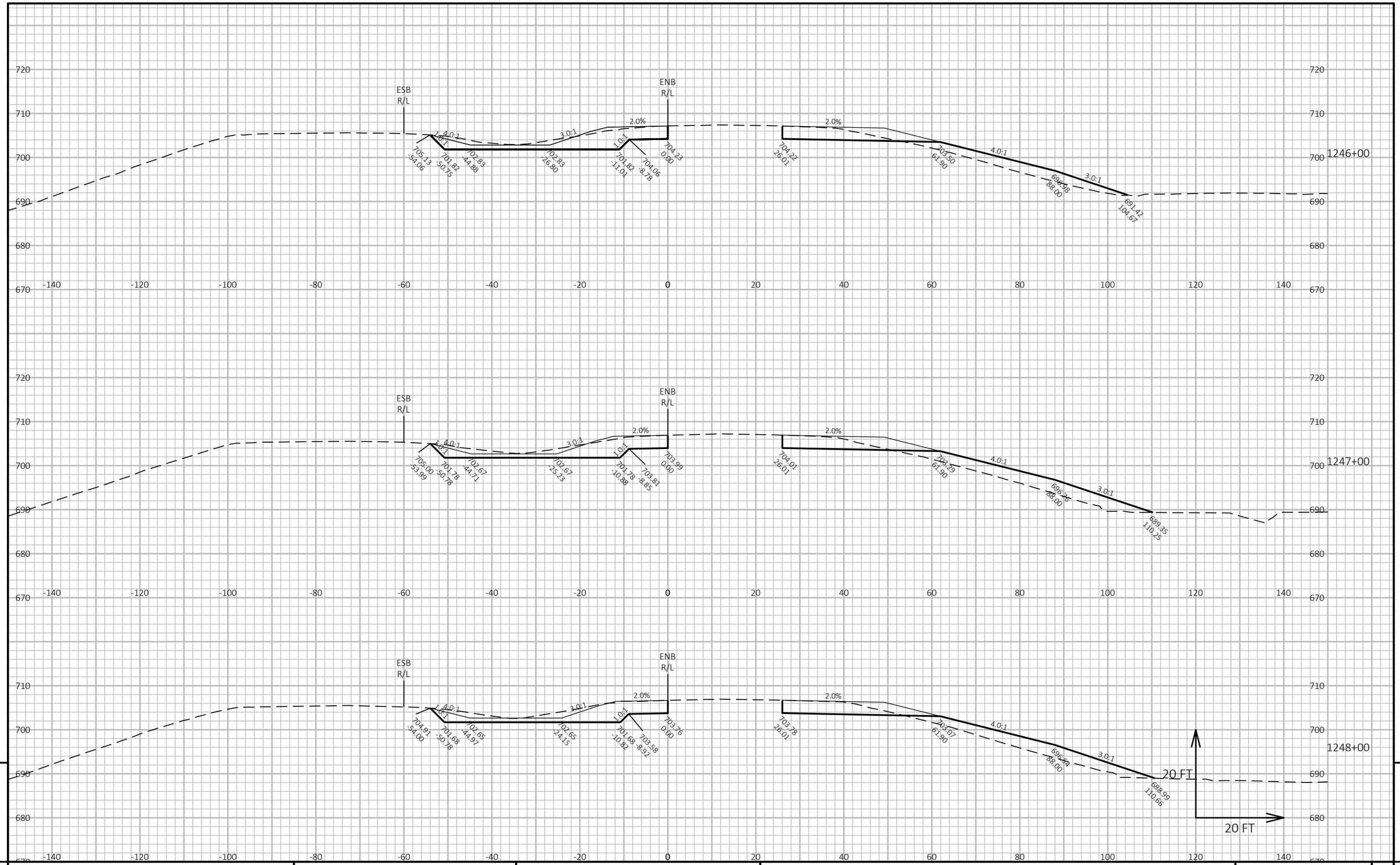


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 319 E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 12/23/2024 4:22 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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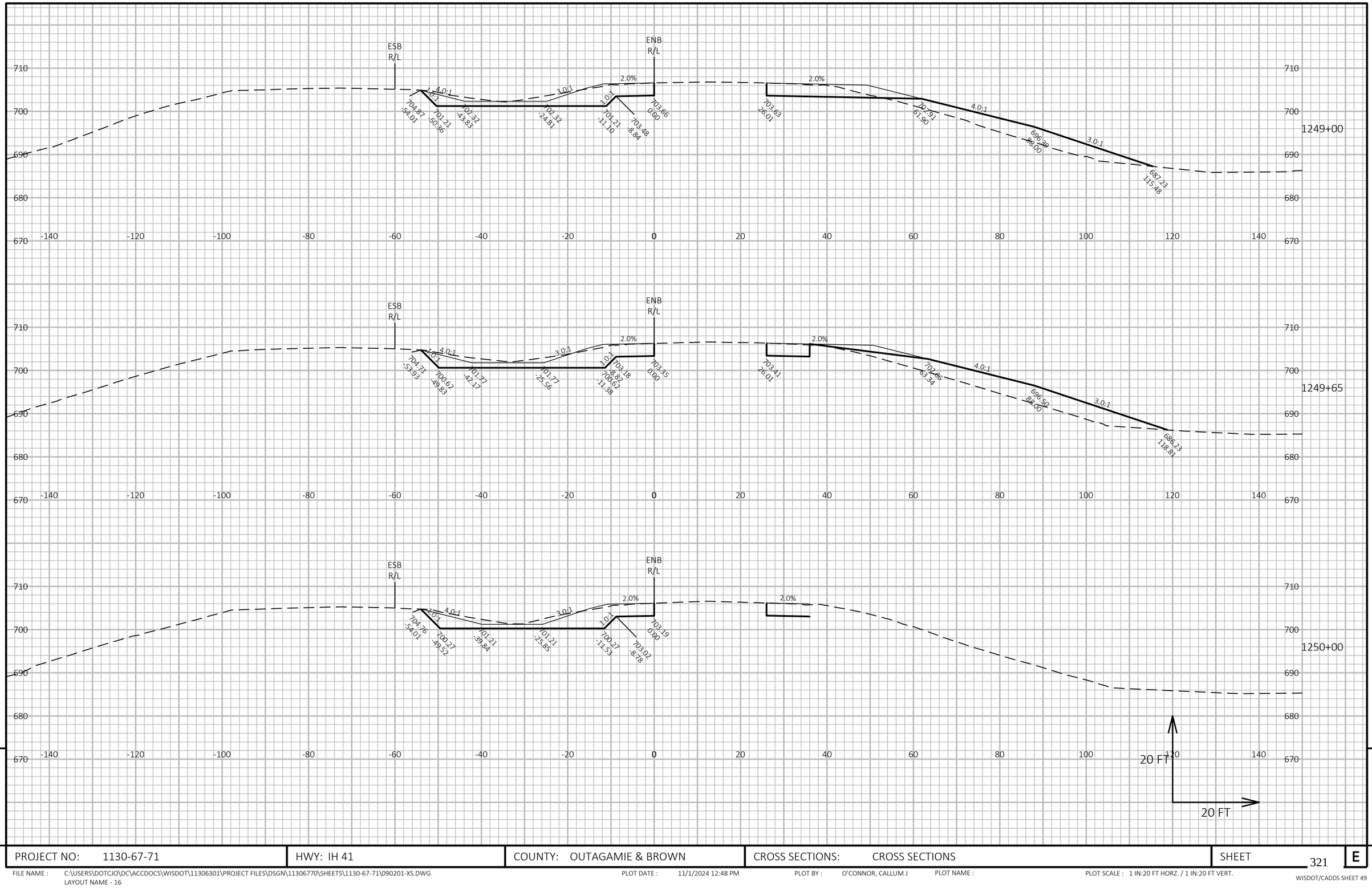
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 320	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 11/1/2024 12:48 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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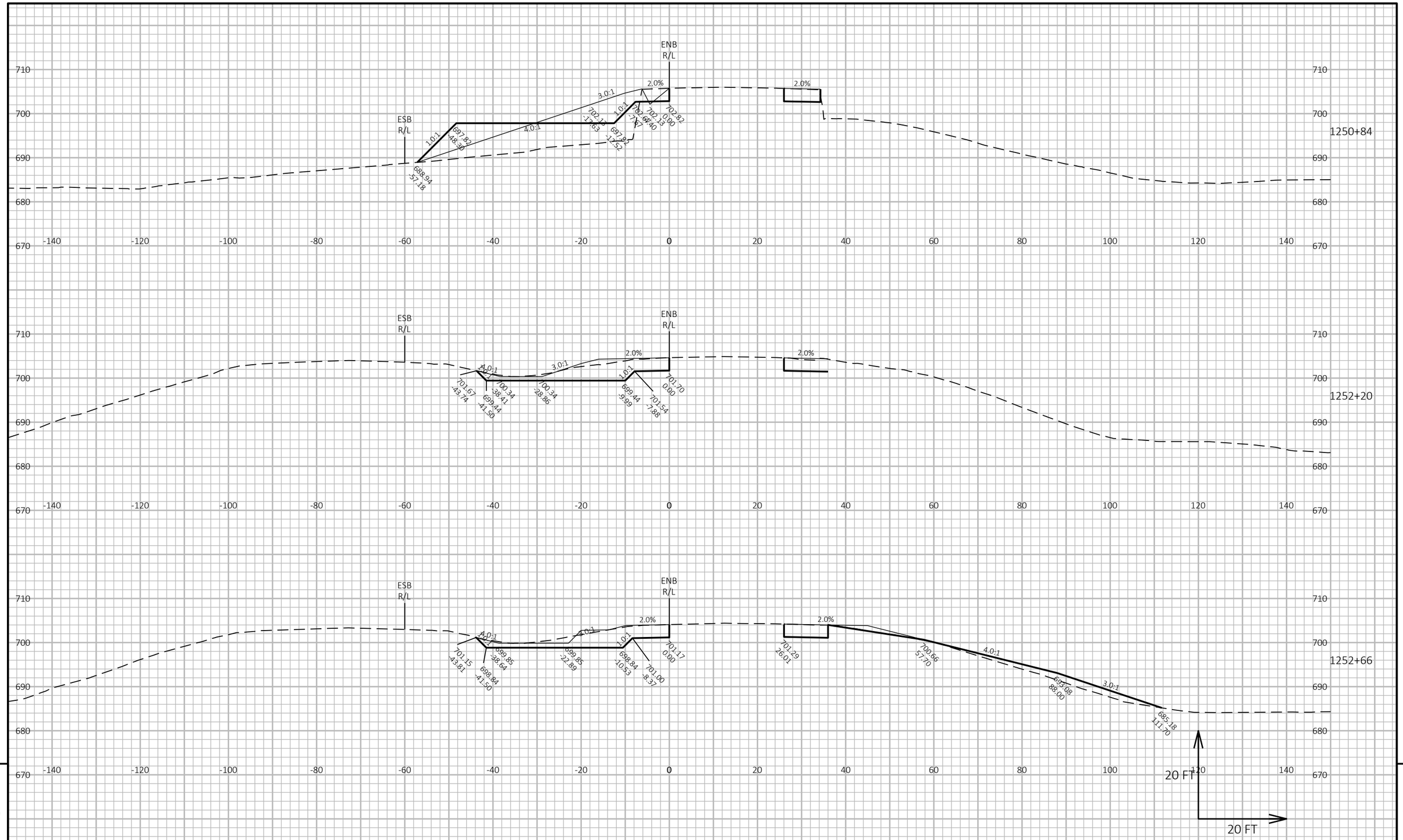
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 321	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 11/1/2024 12:48 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

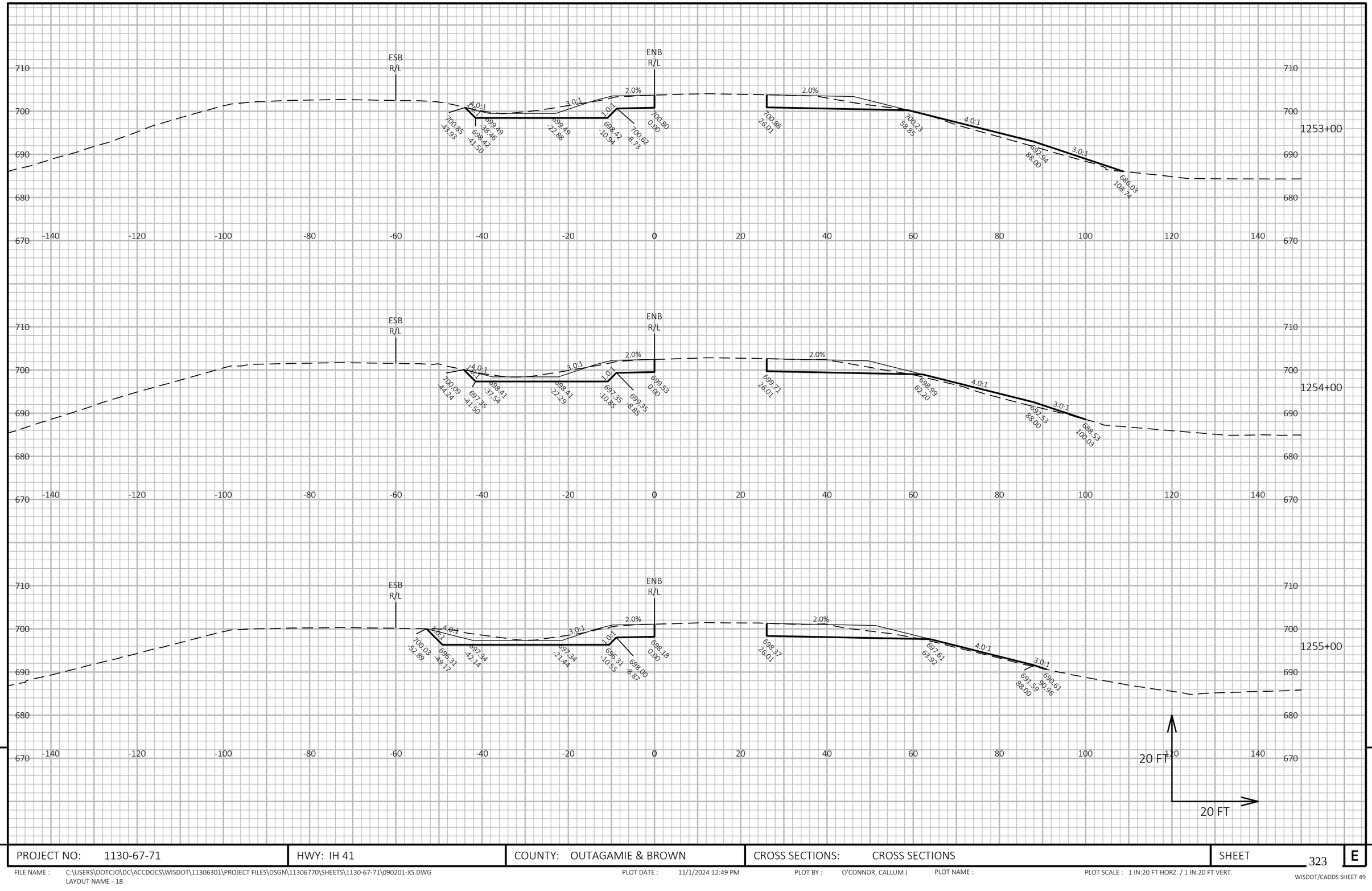


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 322	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 11/1/2024 12:48 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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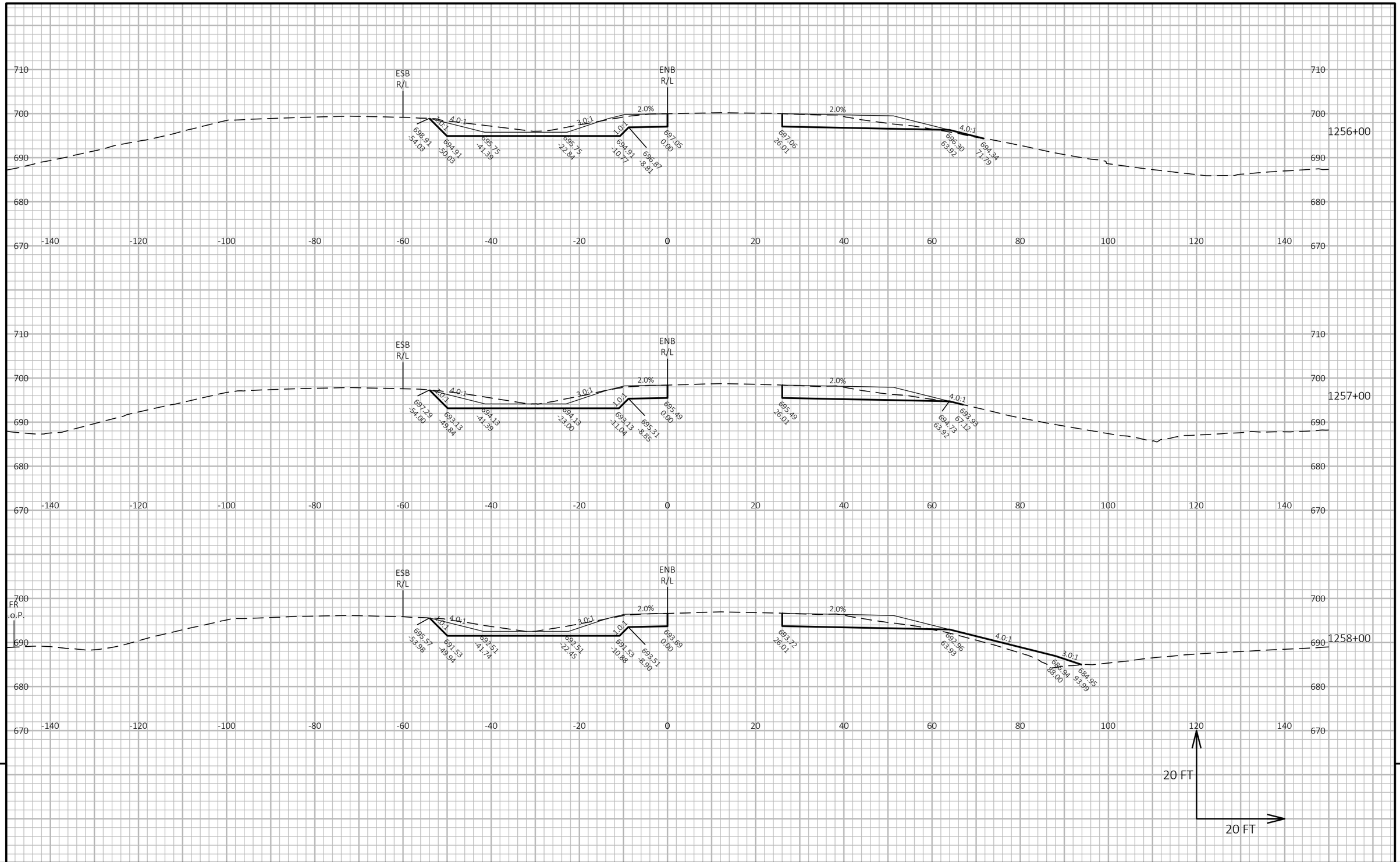
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 323	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 11/1/2024 12:49 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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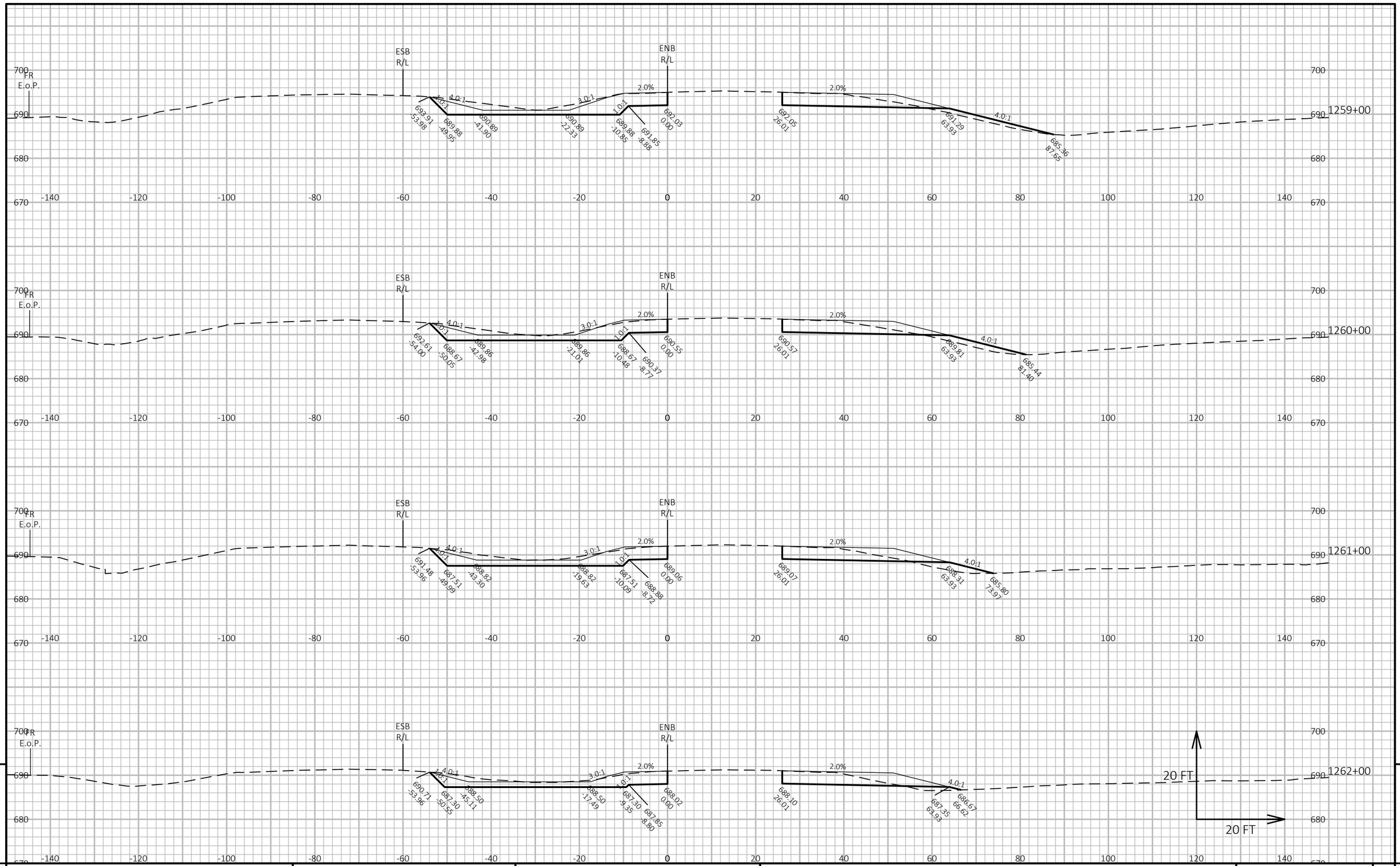
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 324	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 11/1/2024 12:49 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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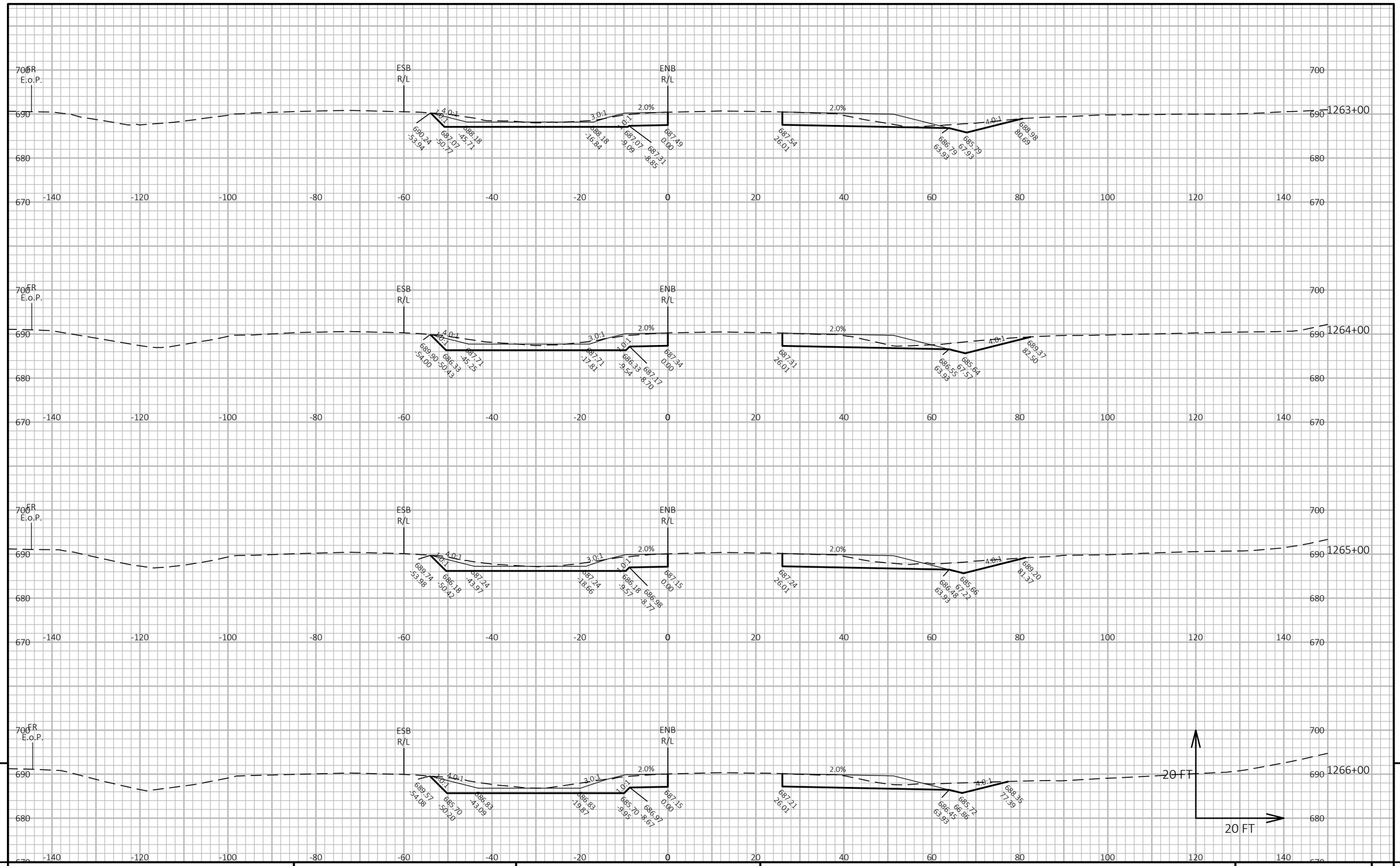
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 325	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 20

PLOT DATE : 11/1/2024 12:49 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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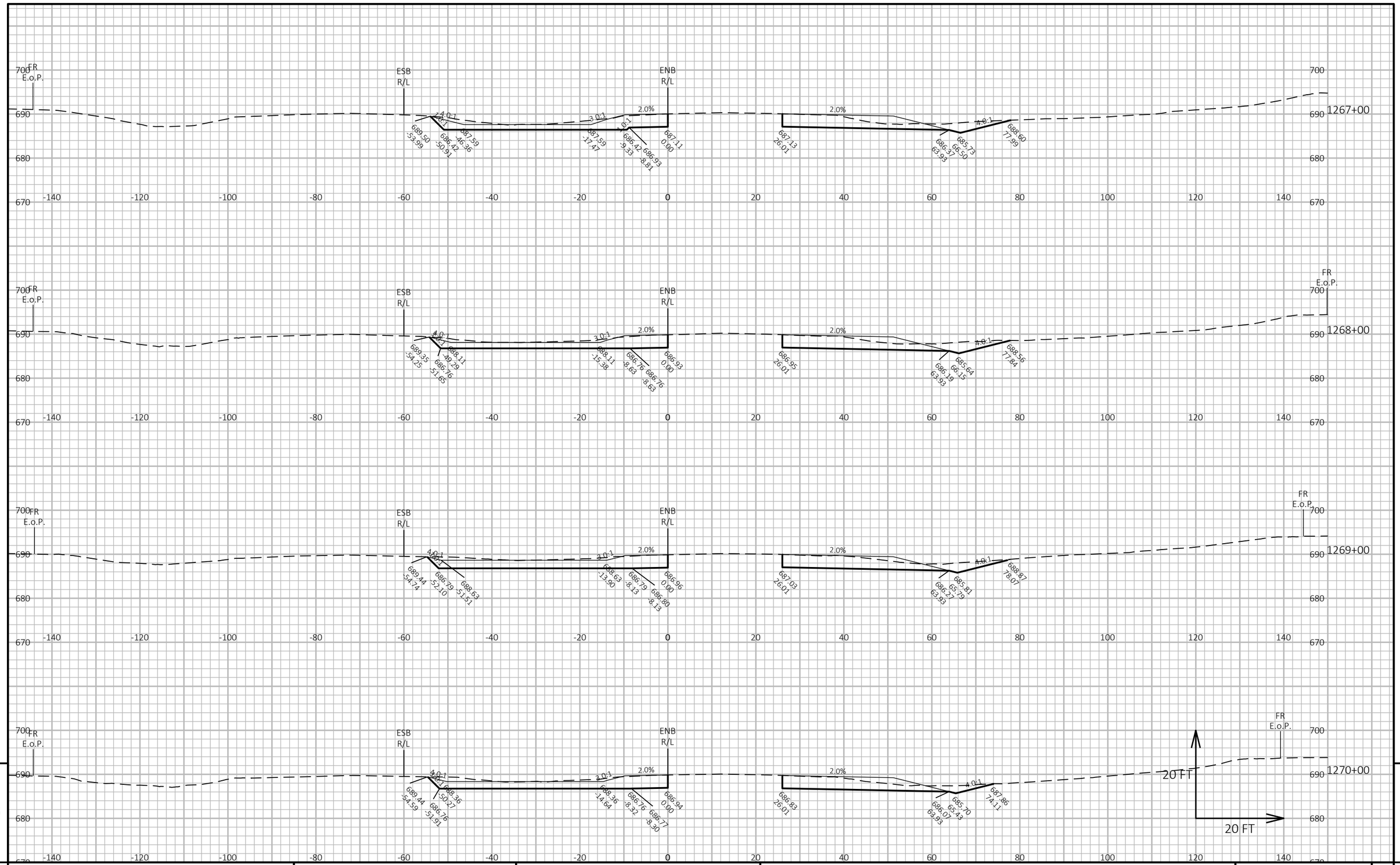
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 326	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 21

PLOT DATE : 11/1/2024 12:49 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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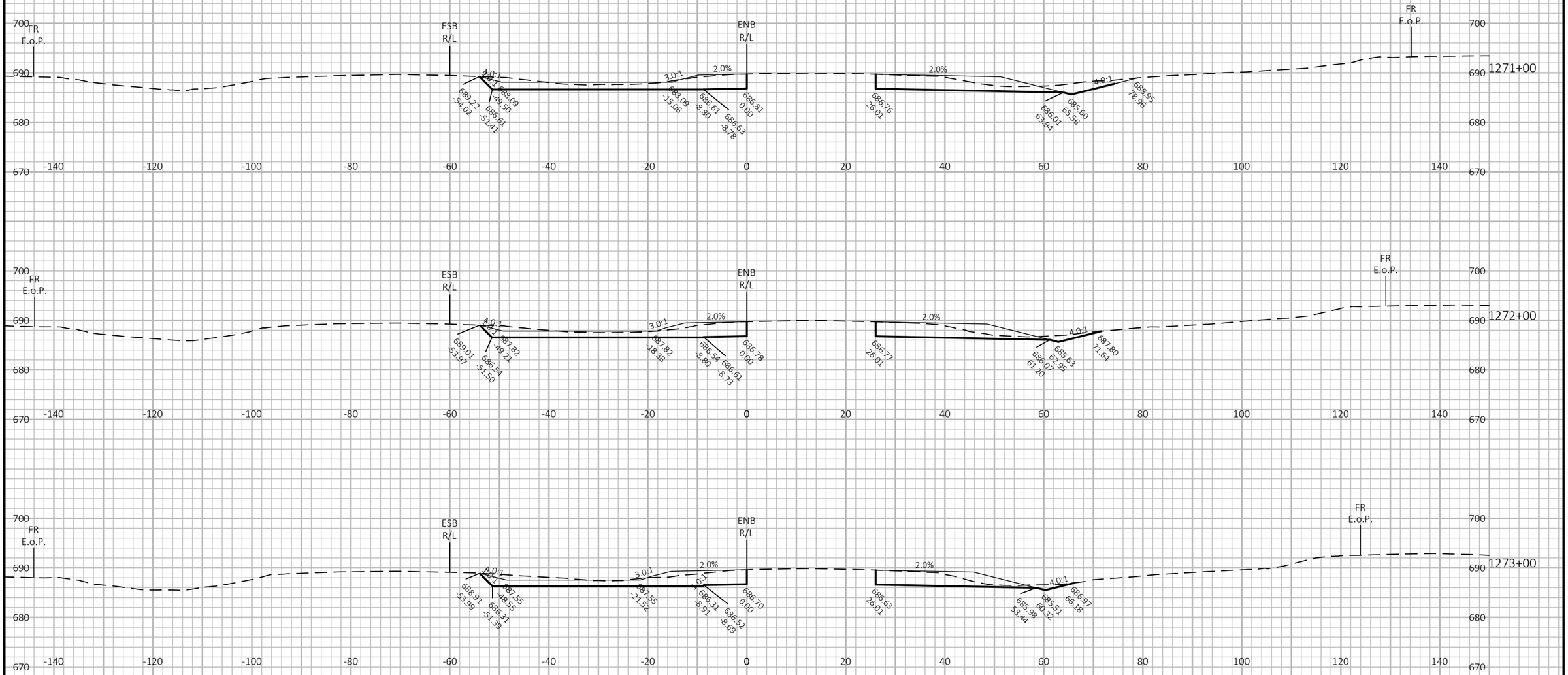
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 327	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 11/1/2024 12:49 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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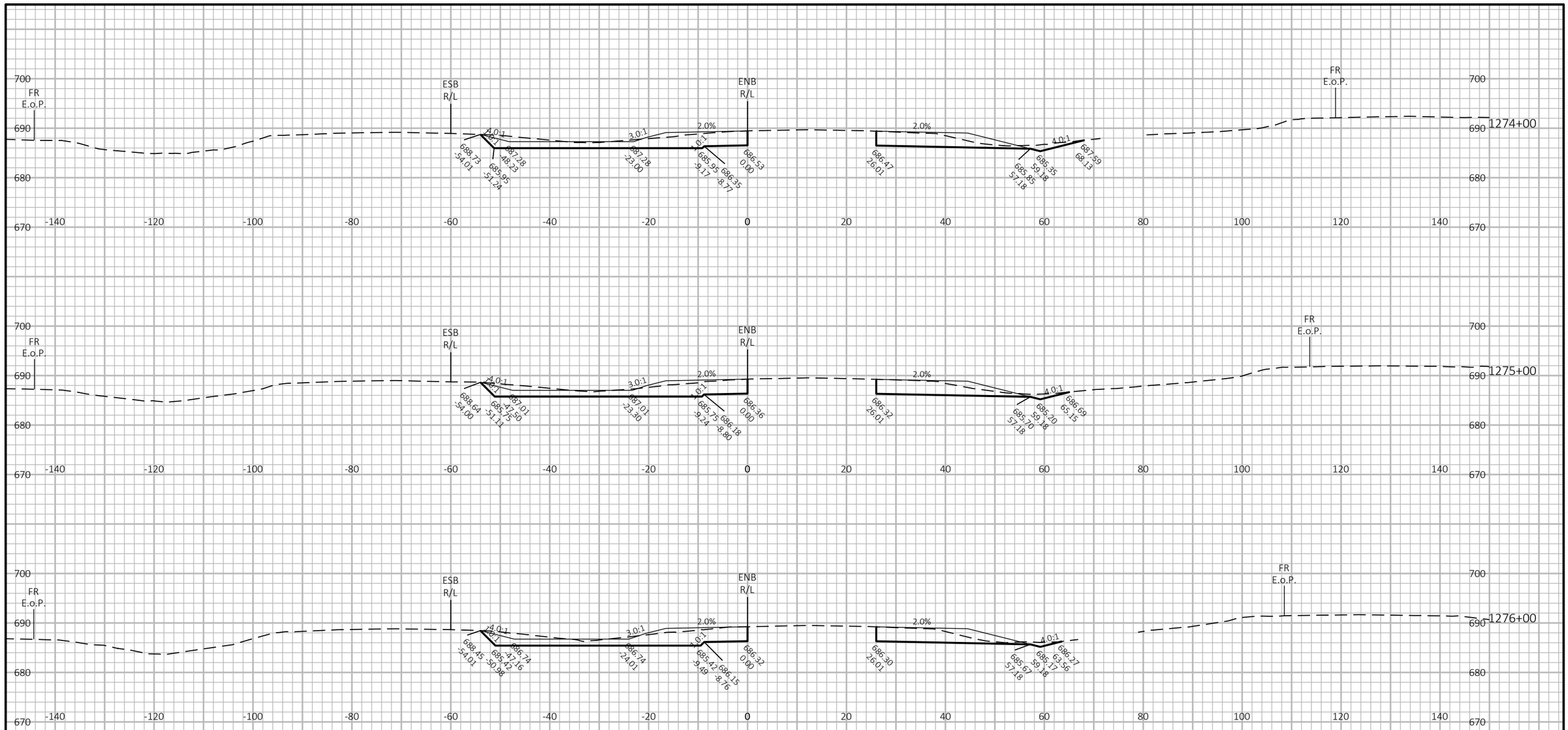
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 328	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 23
PLOT DATE : 11/1/2024 12:50 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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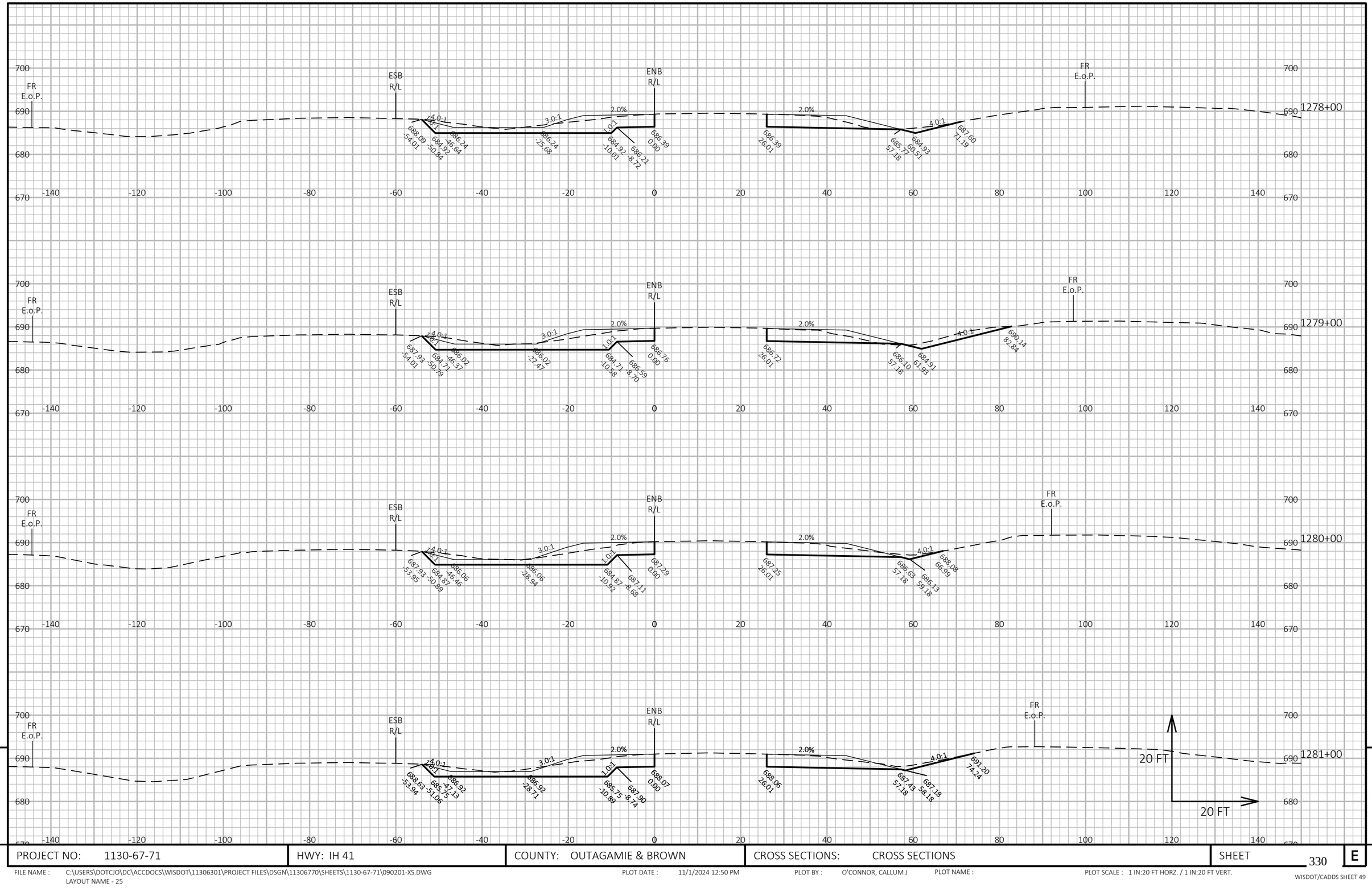
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 329	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 11/1/2024 12:50 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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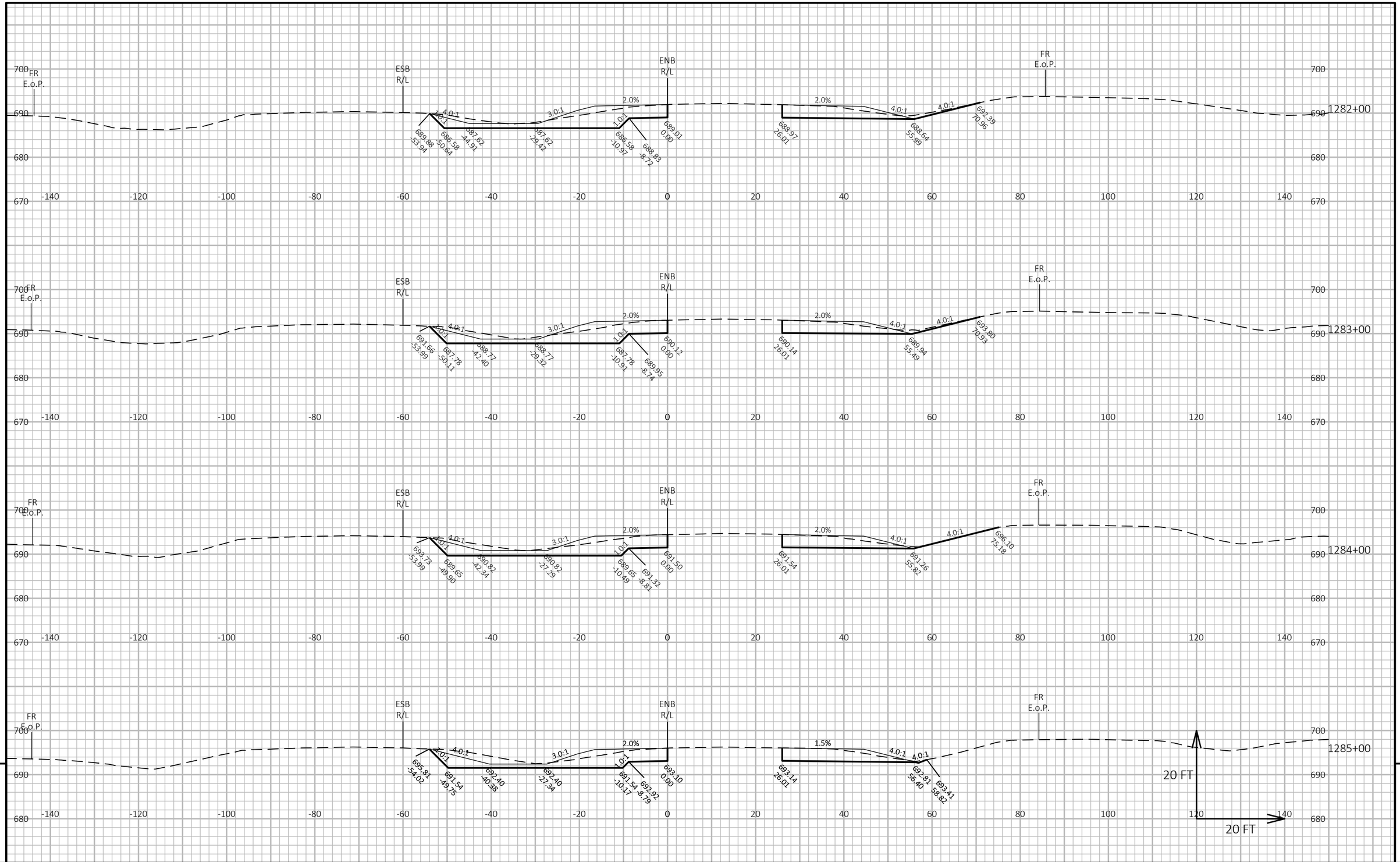
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 330	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 11/1/2024 12:50 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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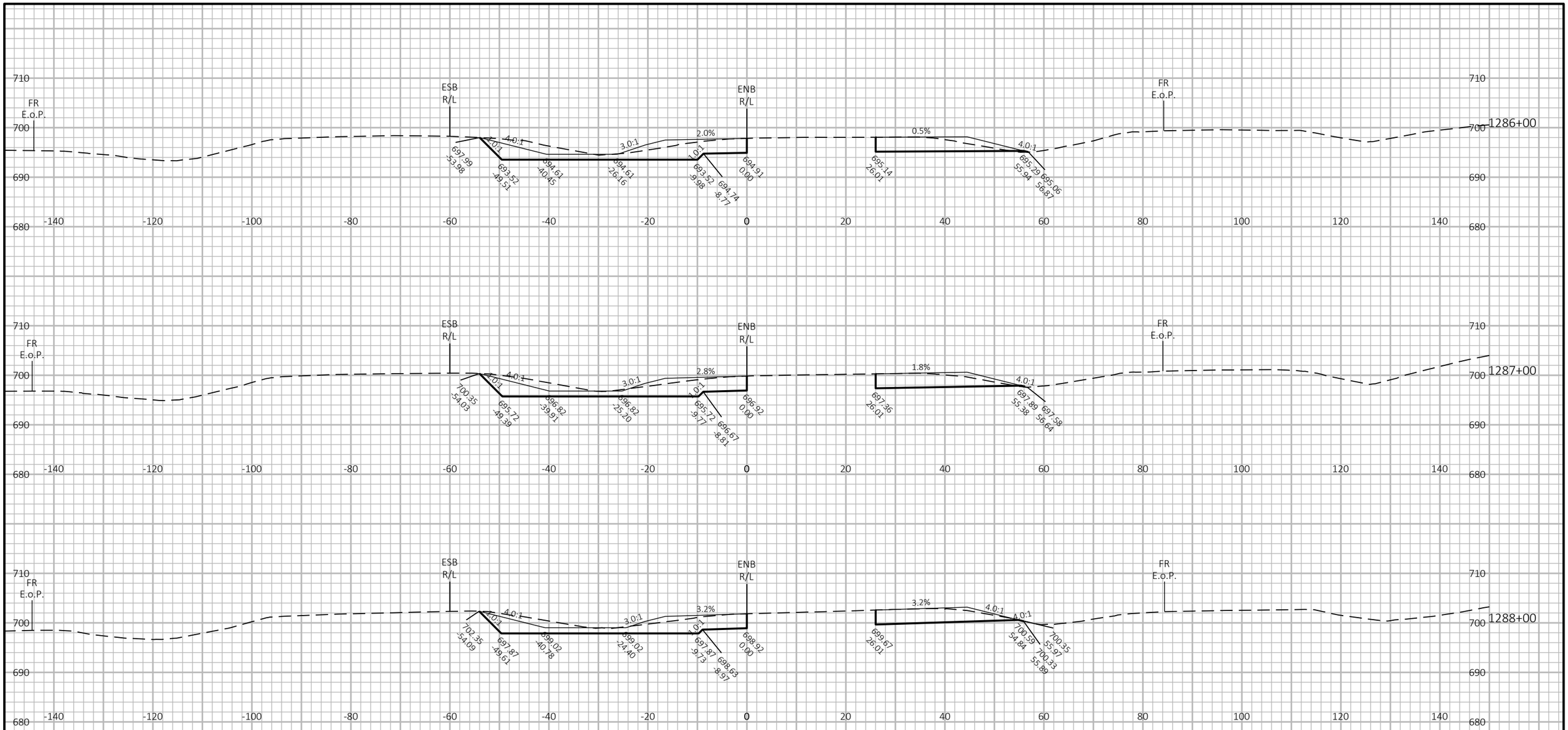
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 331	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 11/1/2024 12:50 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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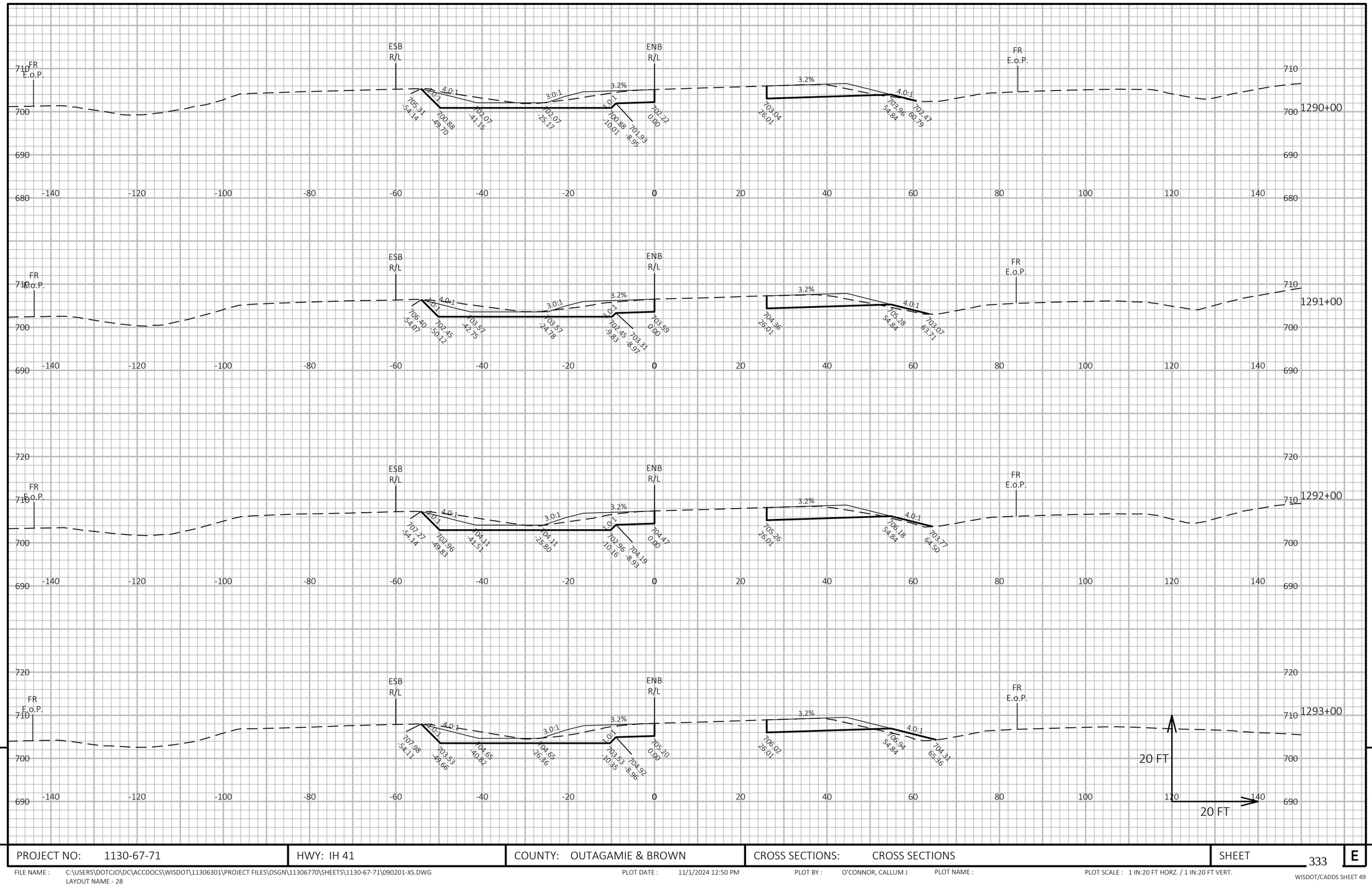
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 332	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 27

PLOT DATE : 11/1/2024 12:50 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

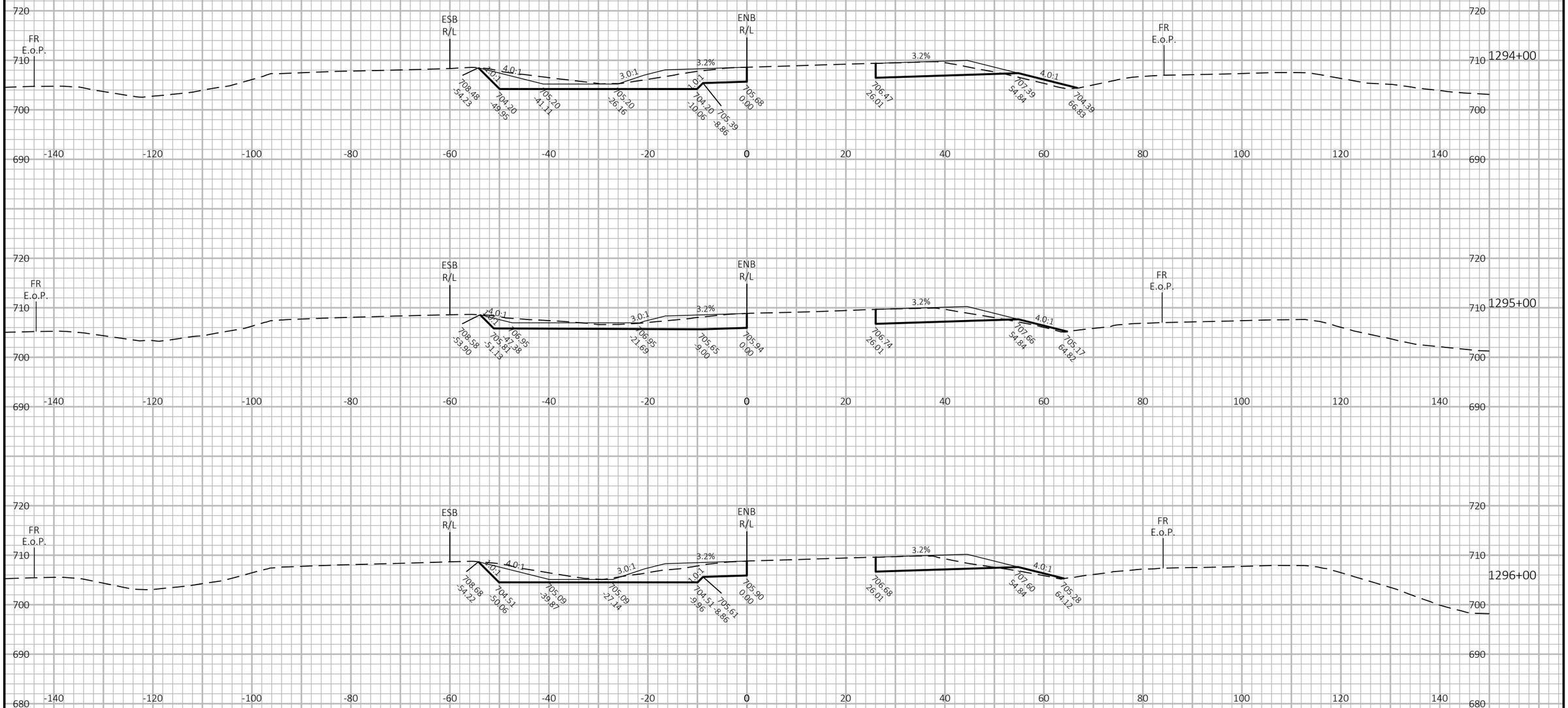


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 333	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 28

PLOT DATE : 11/1/2024 12:50 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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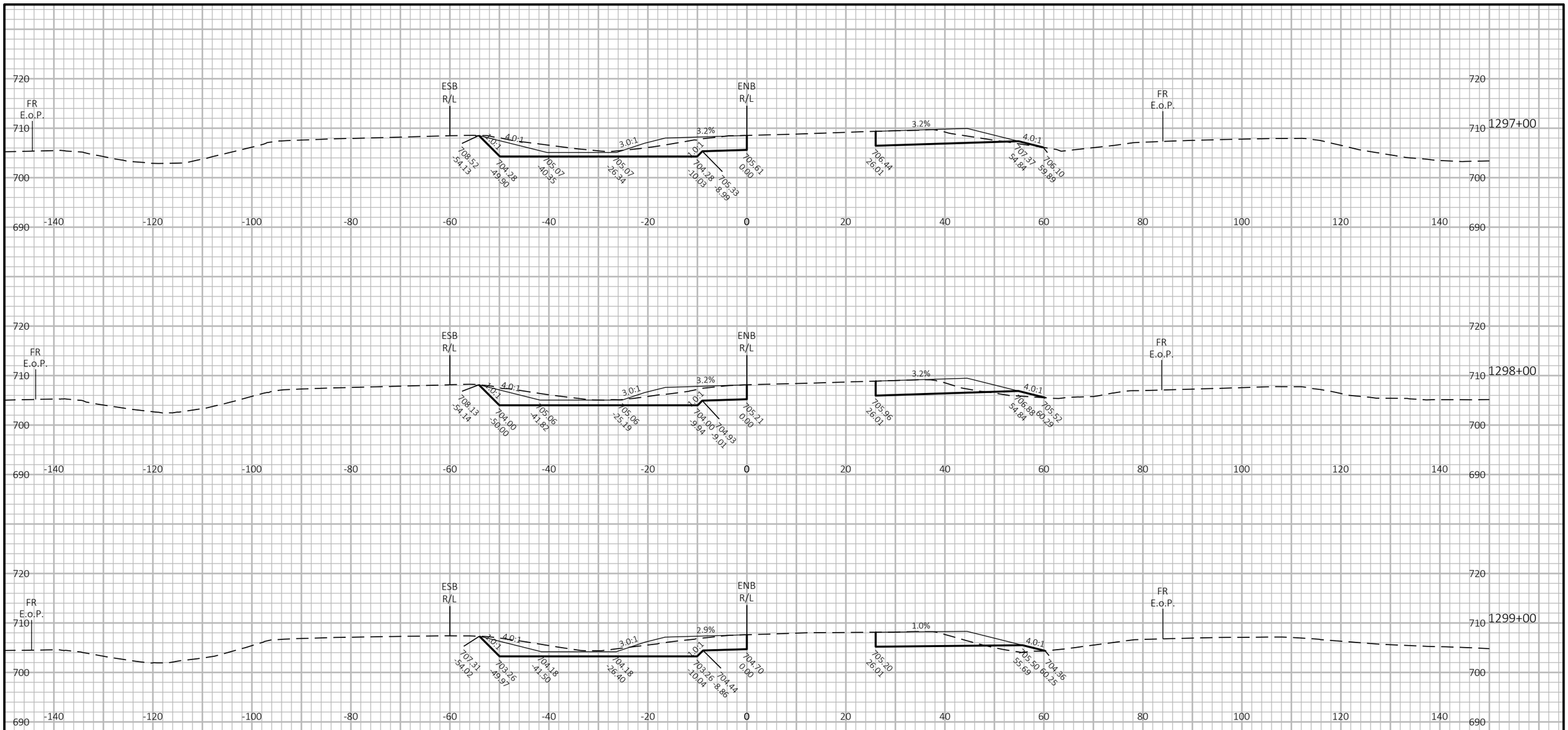
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 334	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 29

PLOT DATE : 11/1/2024 12:50 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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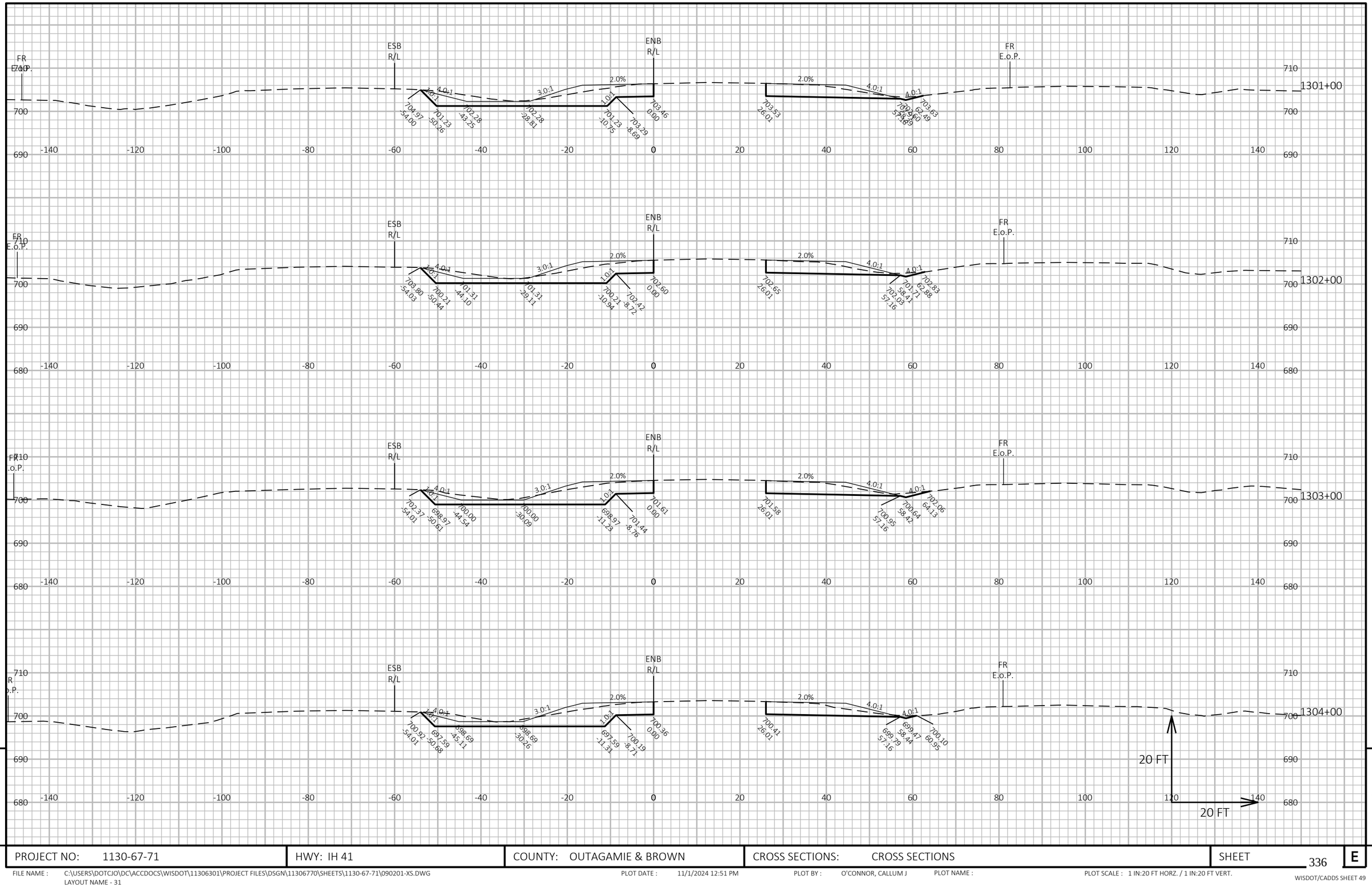
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 335	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 30
PLOT DATE : 11/1/2024 12:51 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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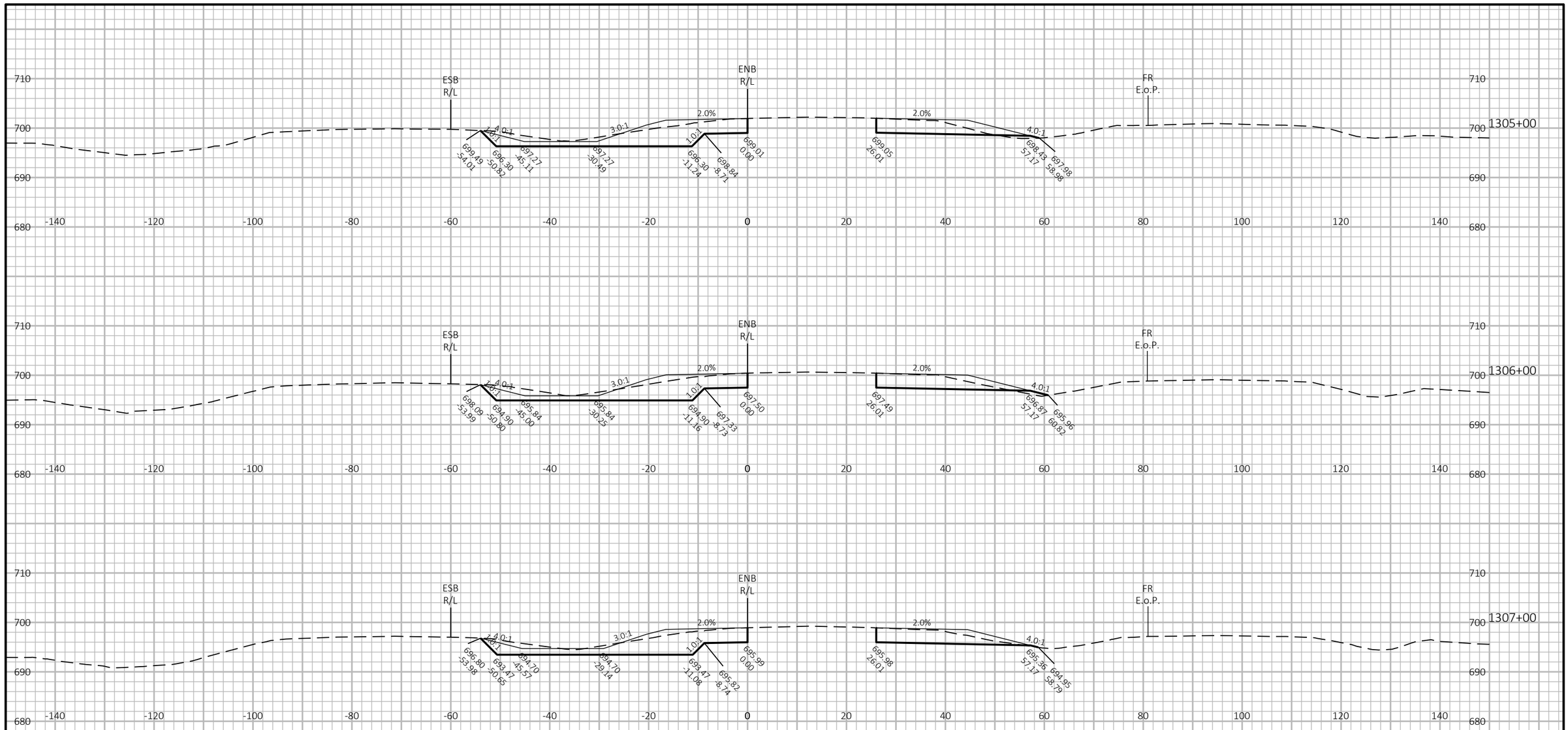
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 336	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 31

PLOT DATE : 11/1/2024 12:51 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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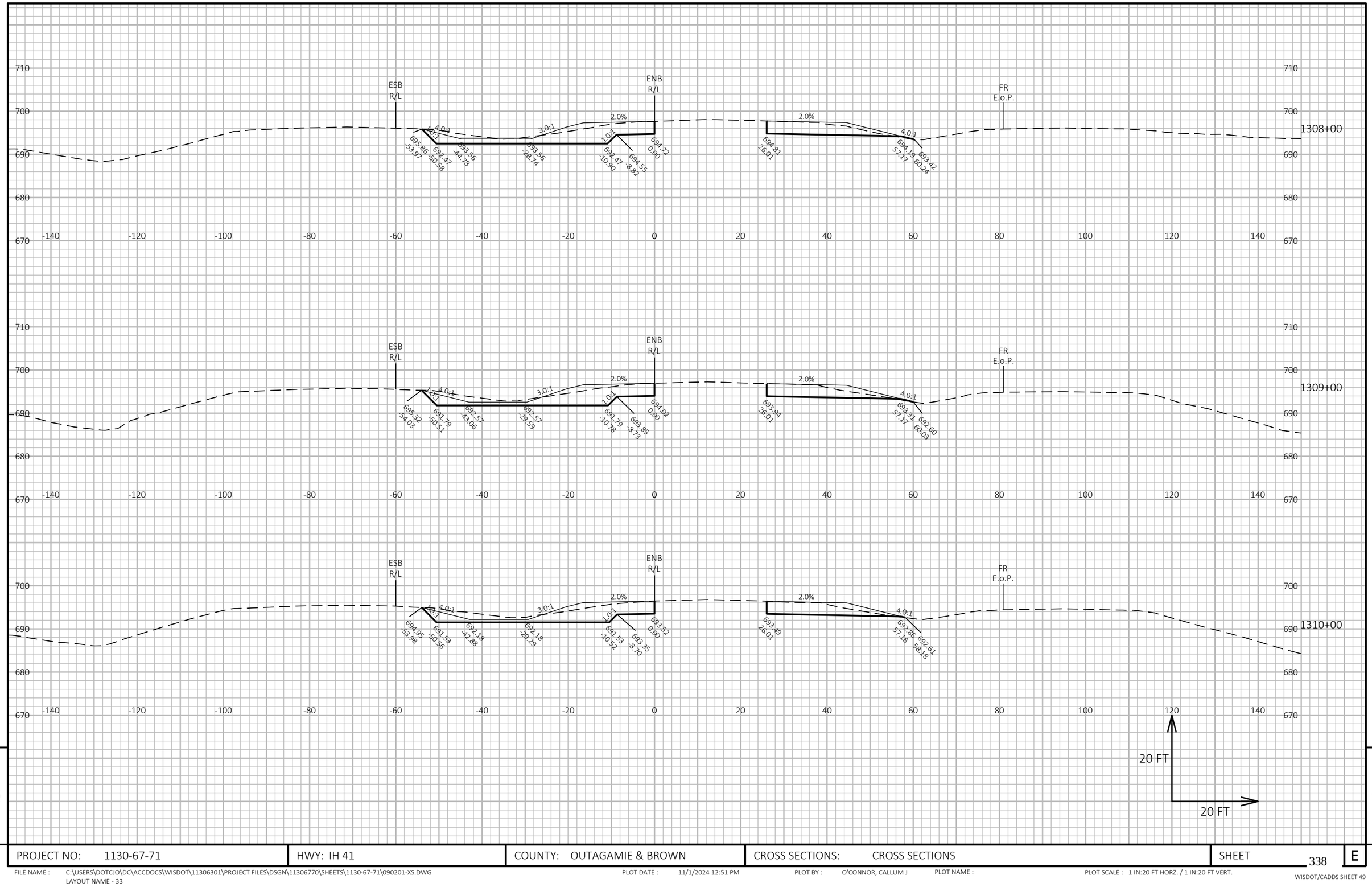
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 337	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 32

PLOT DATE : 11/1/2024 12:51 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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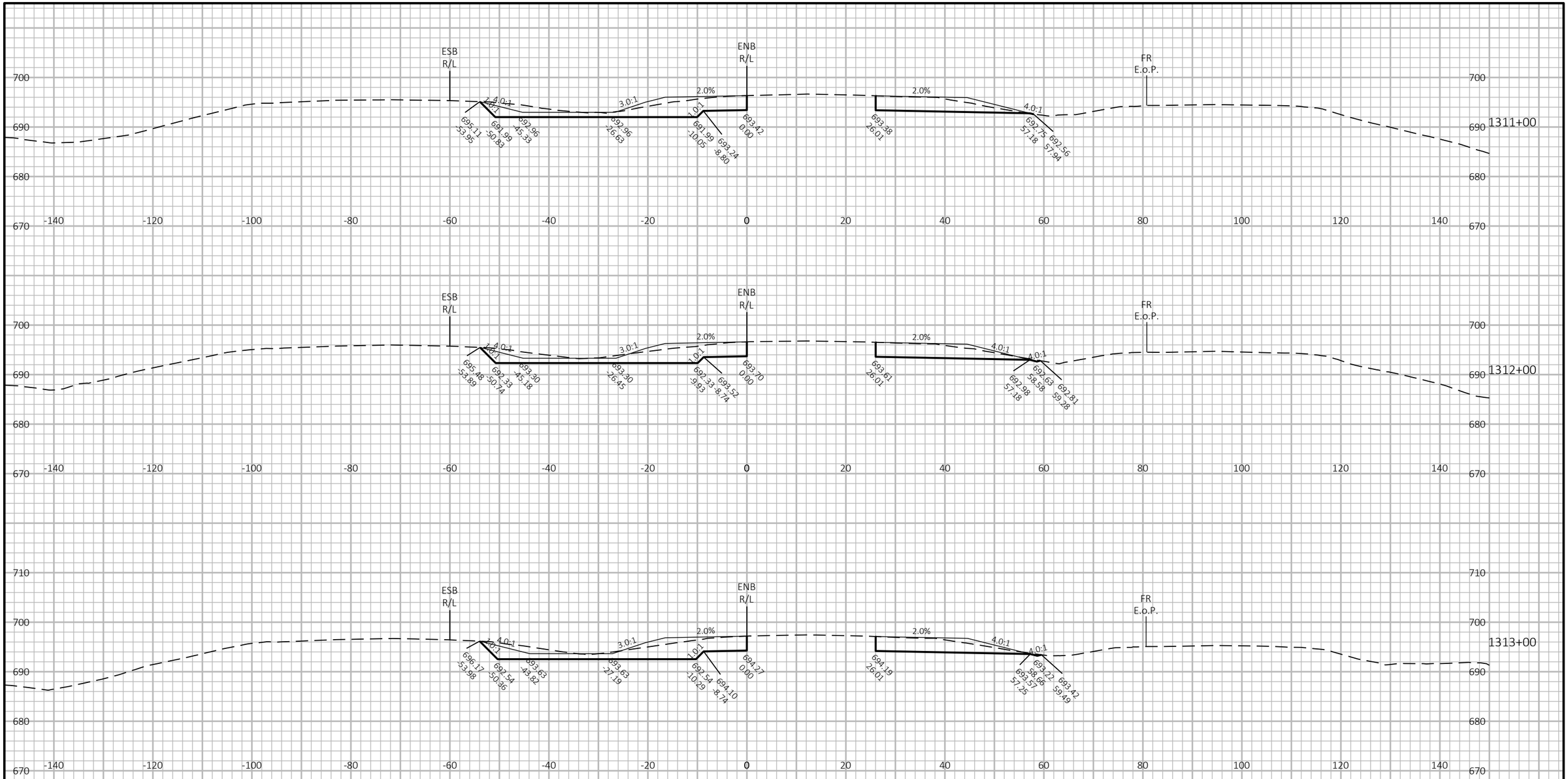
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 338	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 33

PLOT DATE : 11/1/2024 12:51 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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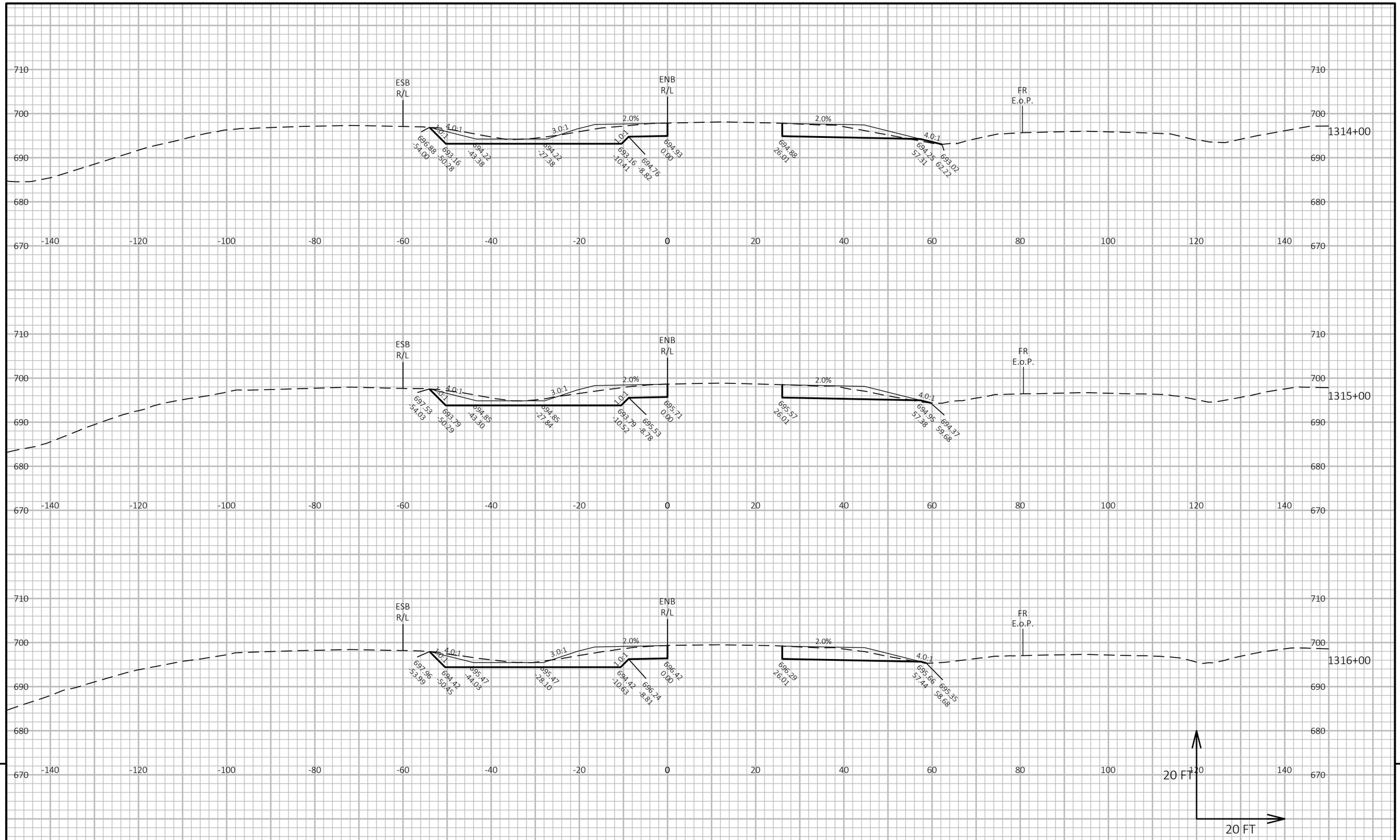
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 339	E



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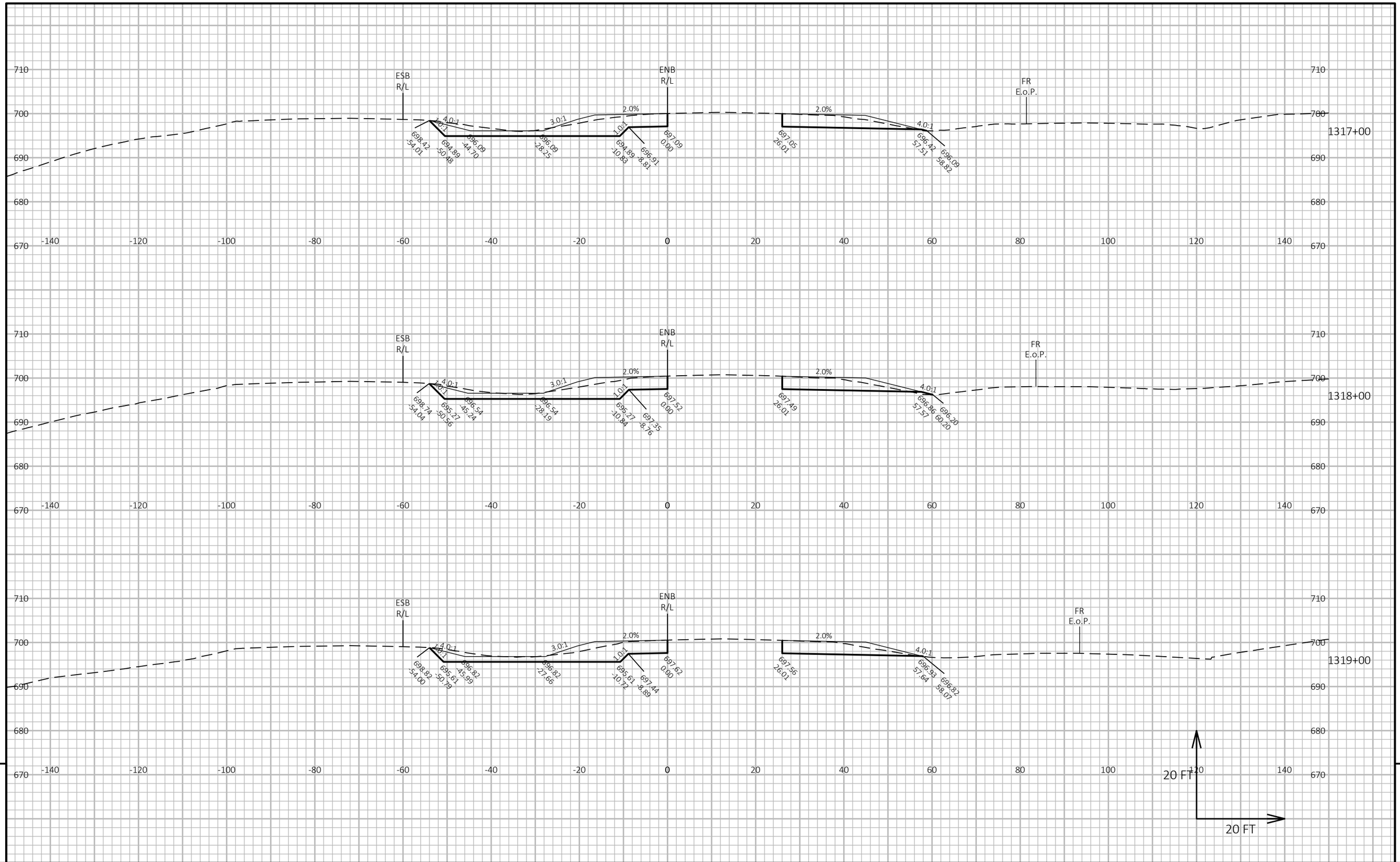
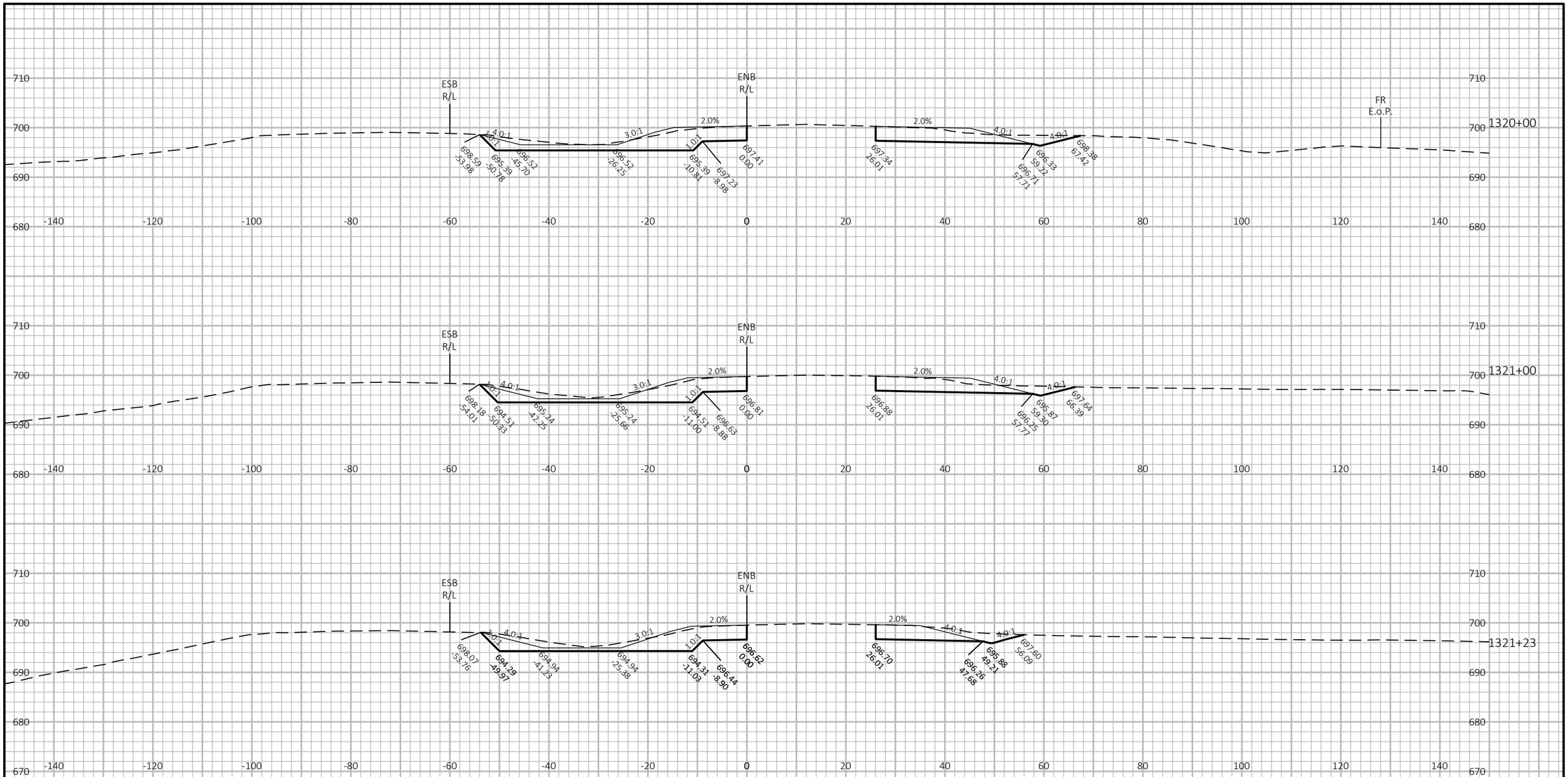
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 340	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 35
PLOT DATE : 11/1/2024 12:51 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 341	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 36
PLOT DATE : 11/1/2024 12:51 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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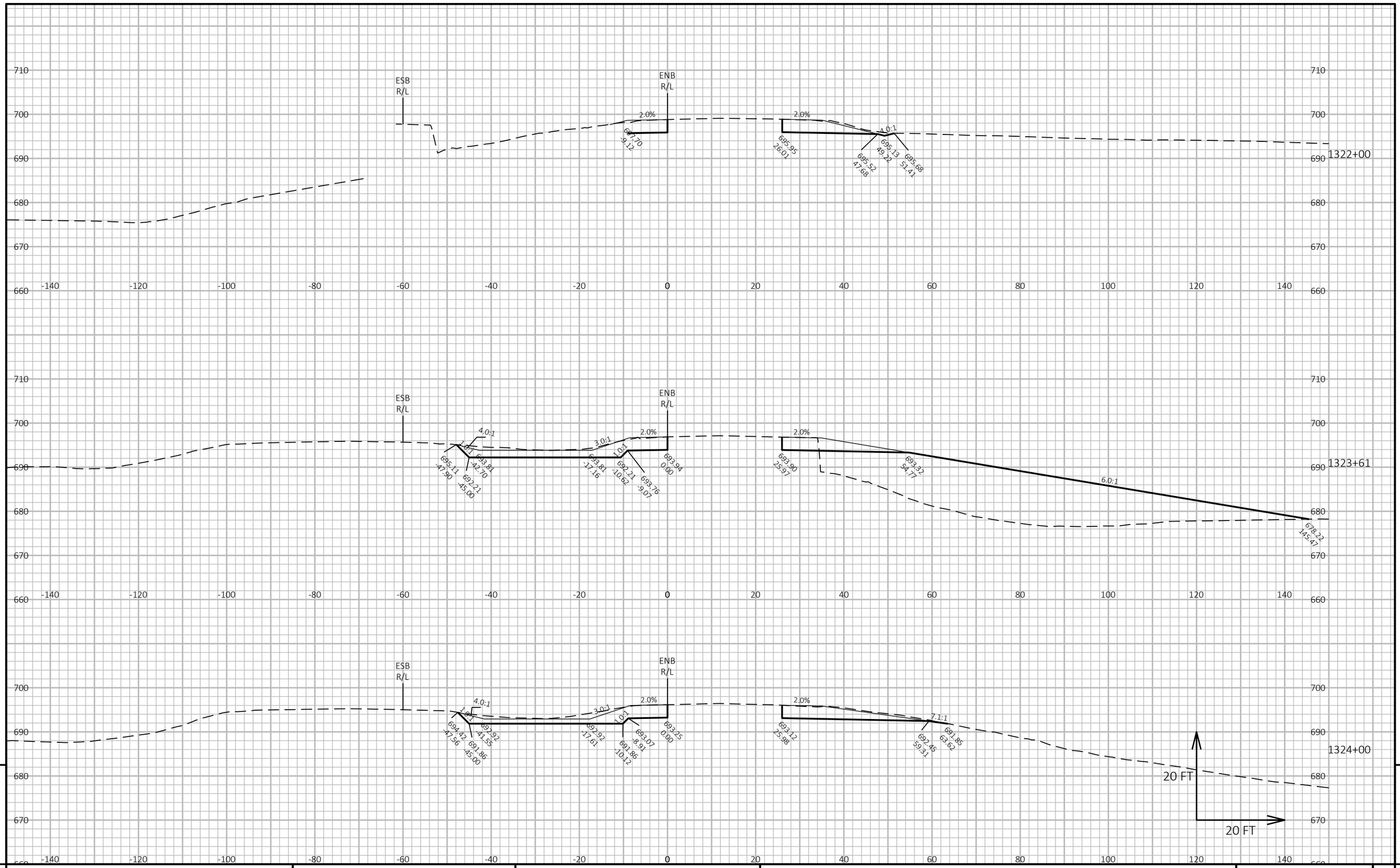
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 342	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 37

PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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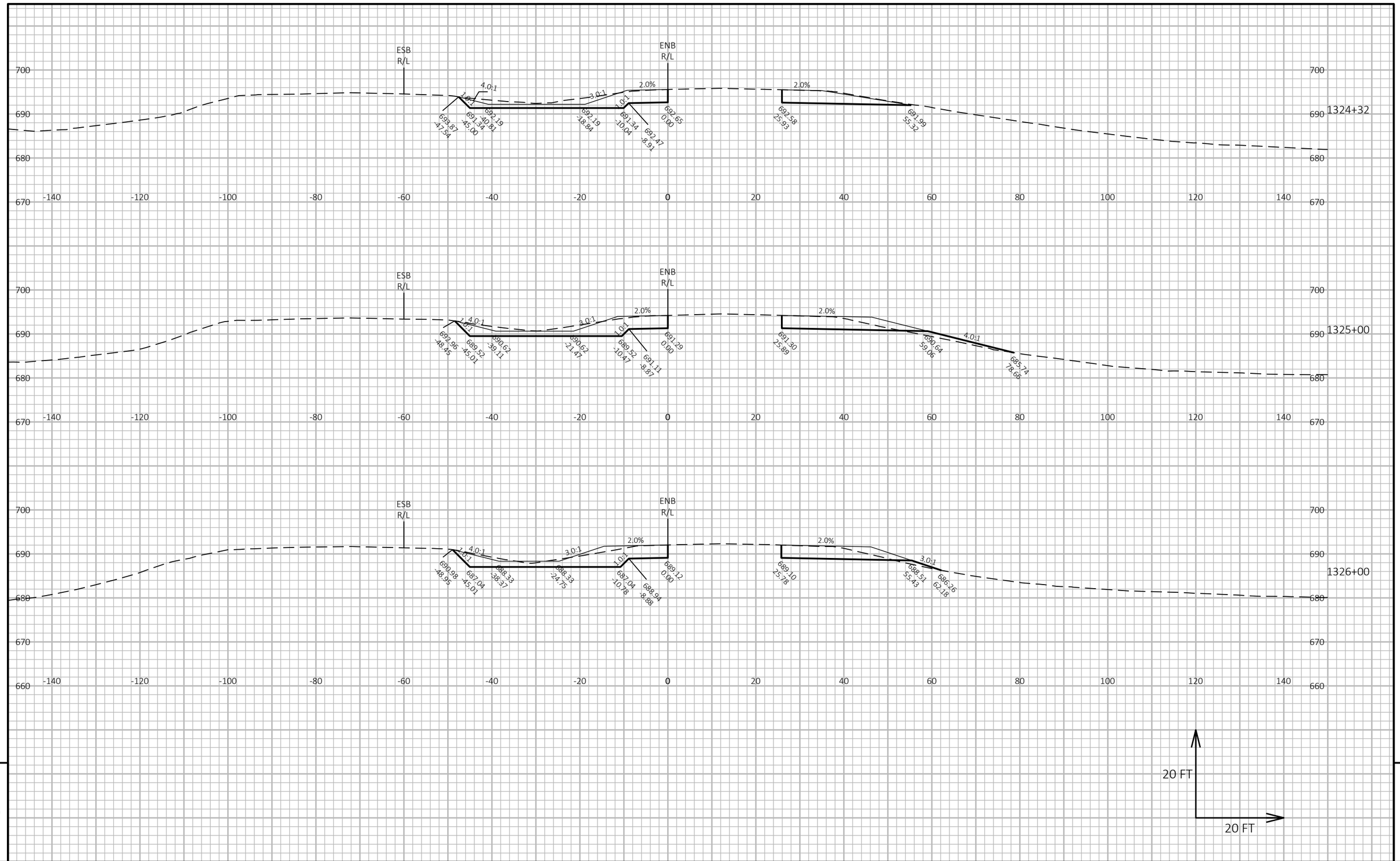
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 343	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 38

PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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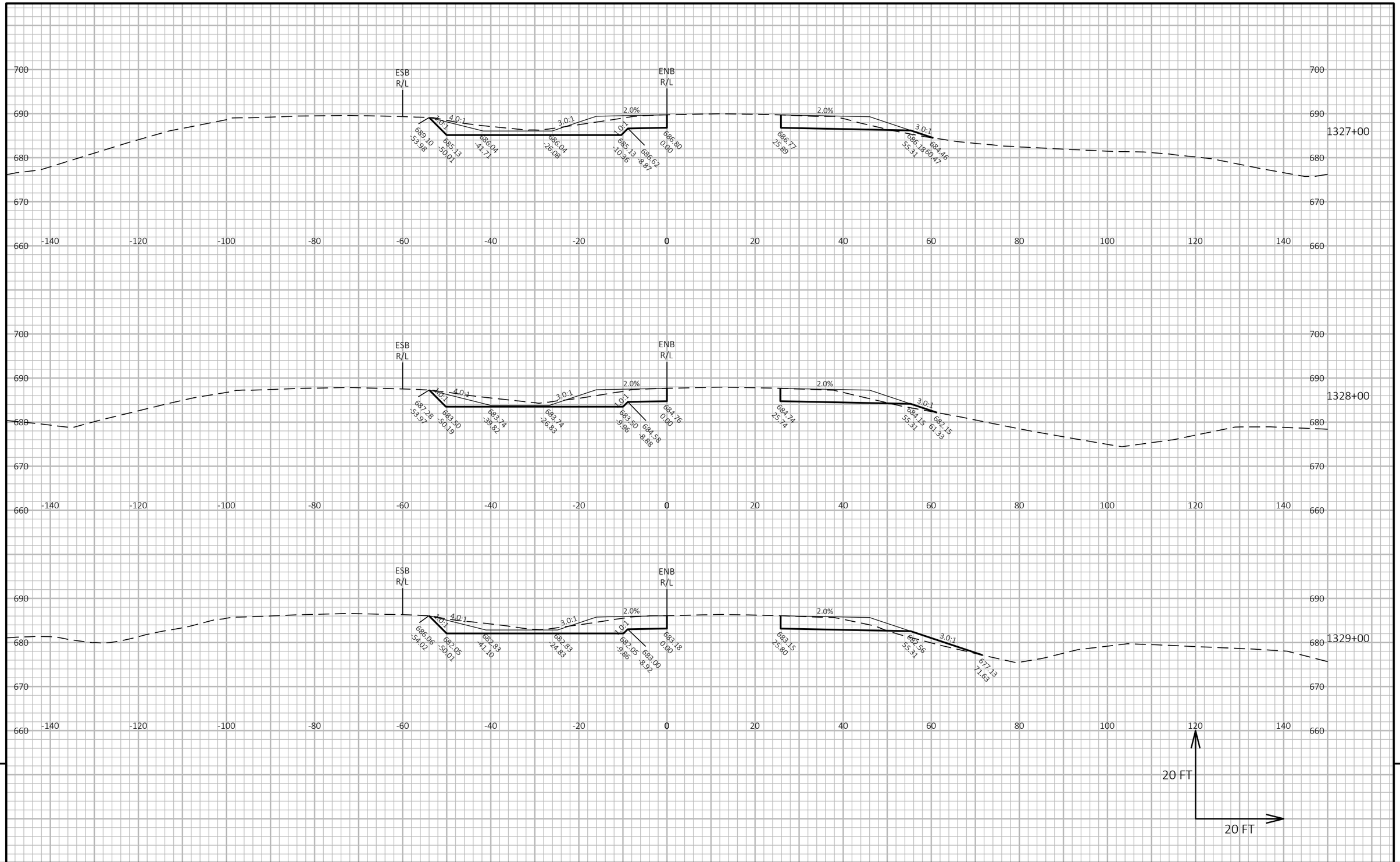
9

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 344	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 39

PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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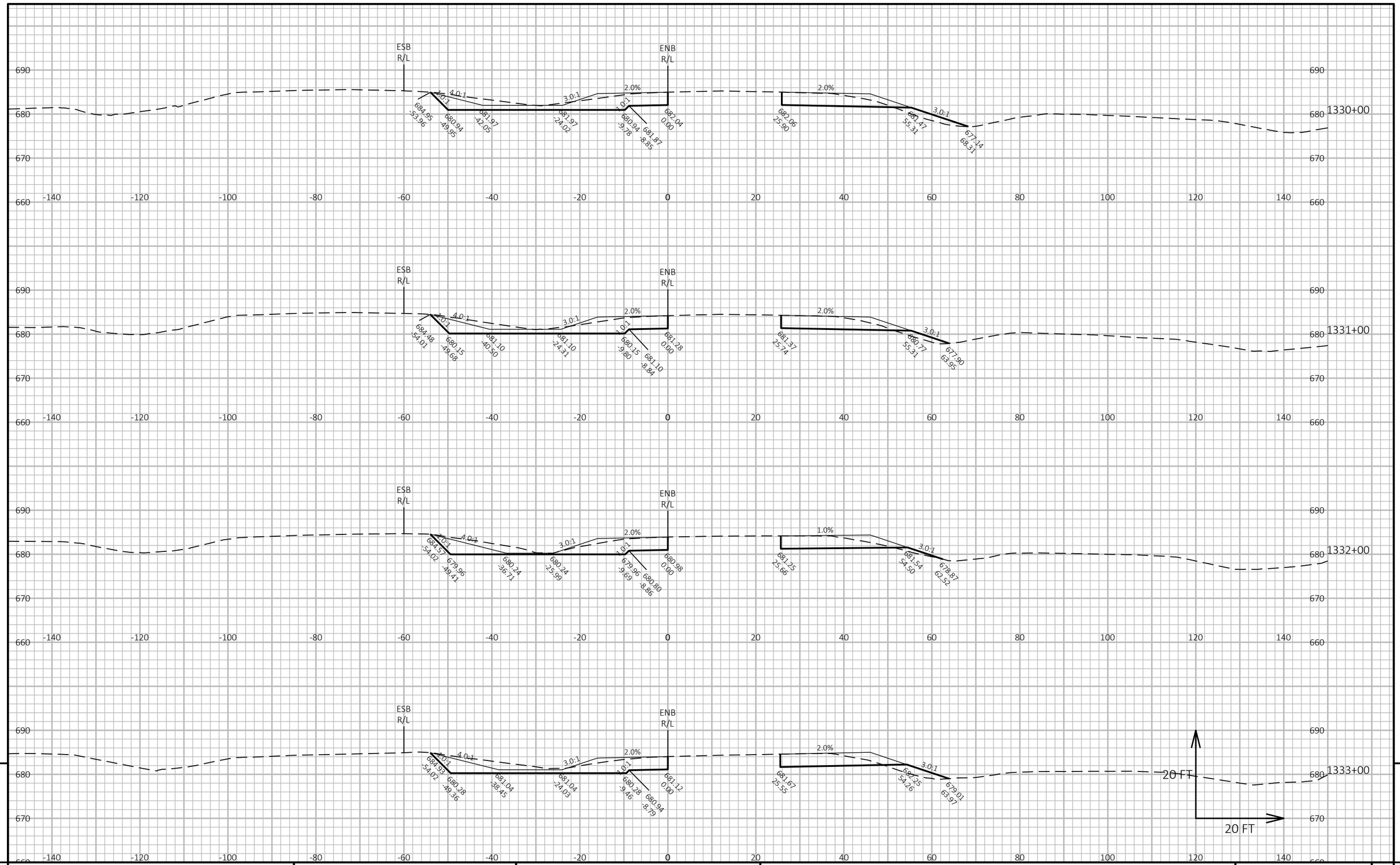
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 345	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 40

PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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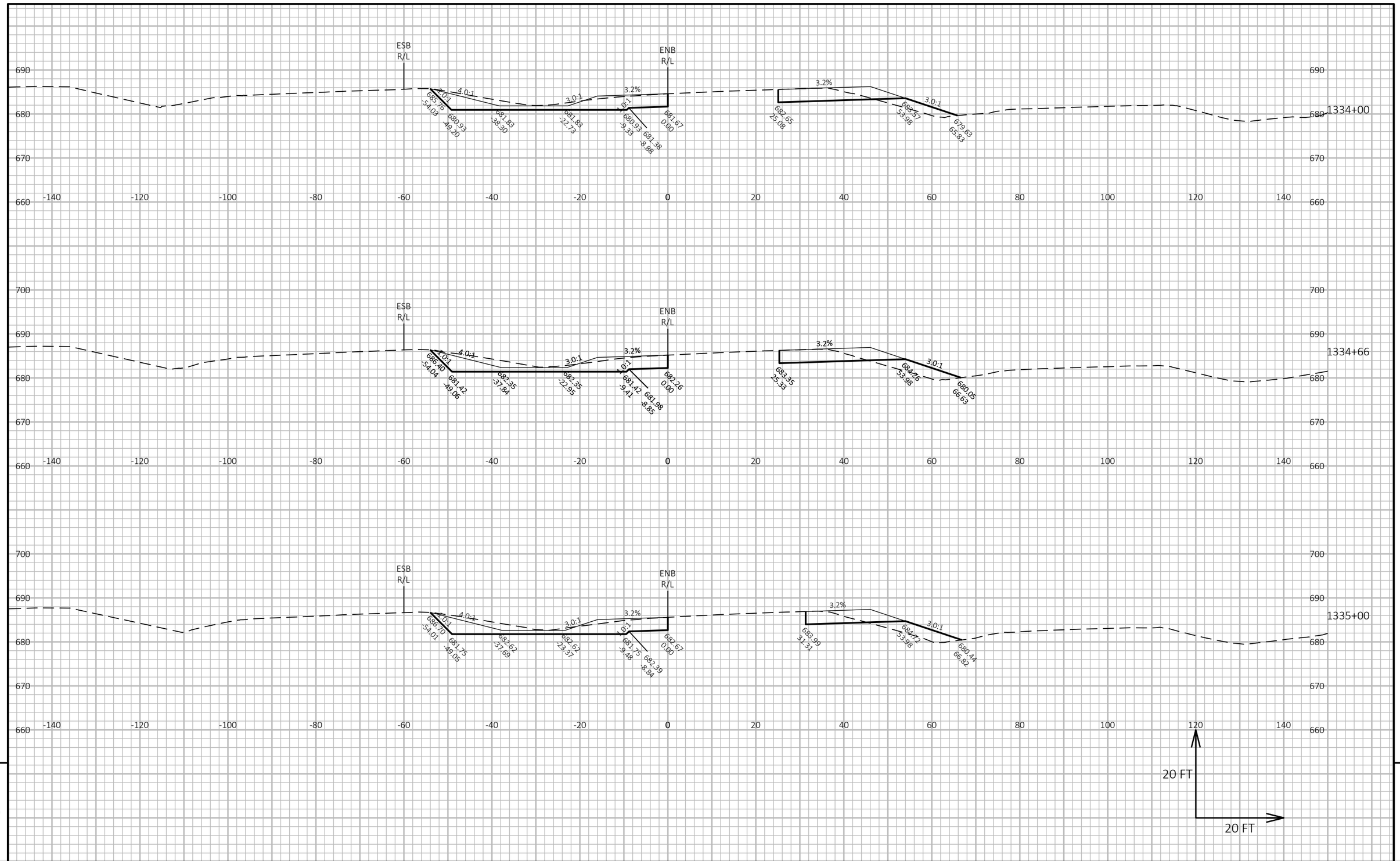
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 346	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 41

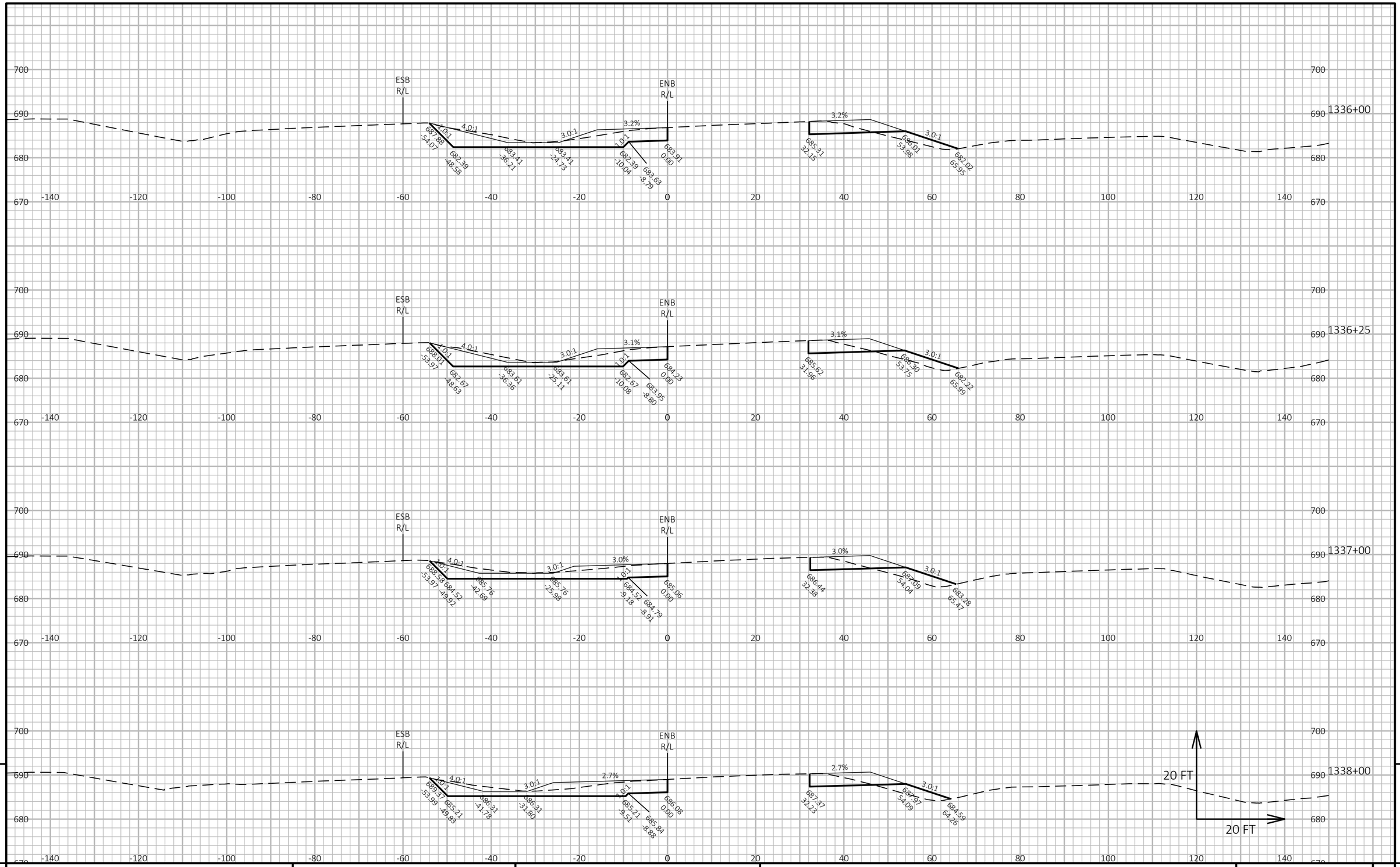
PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 347	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 42
PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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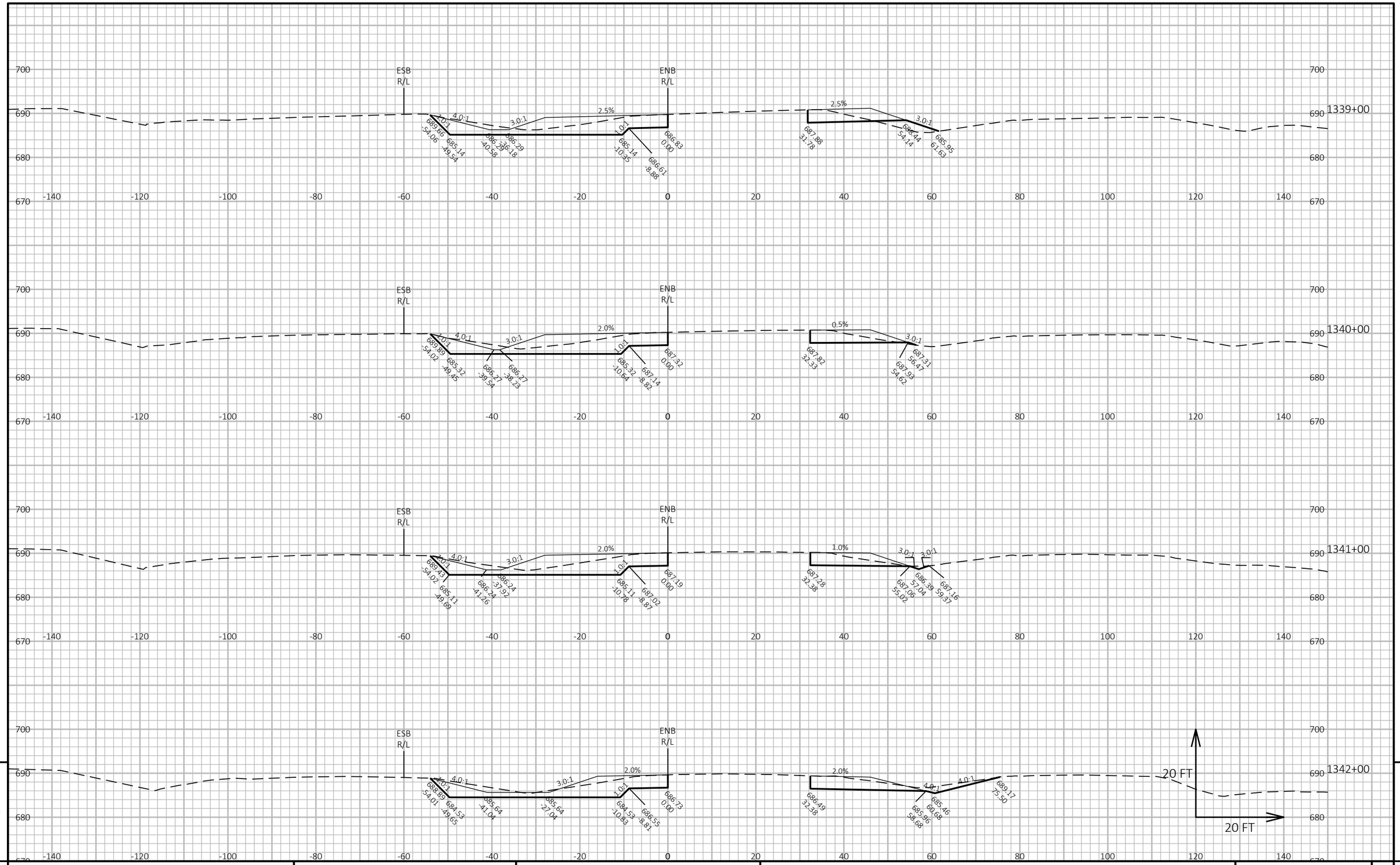
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 348	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 43

PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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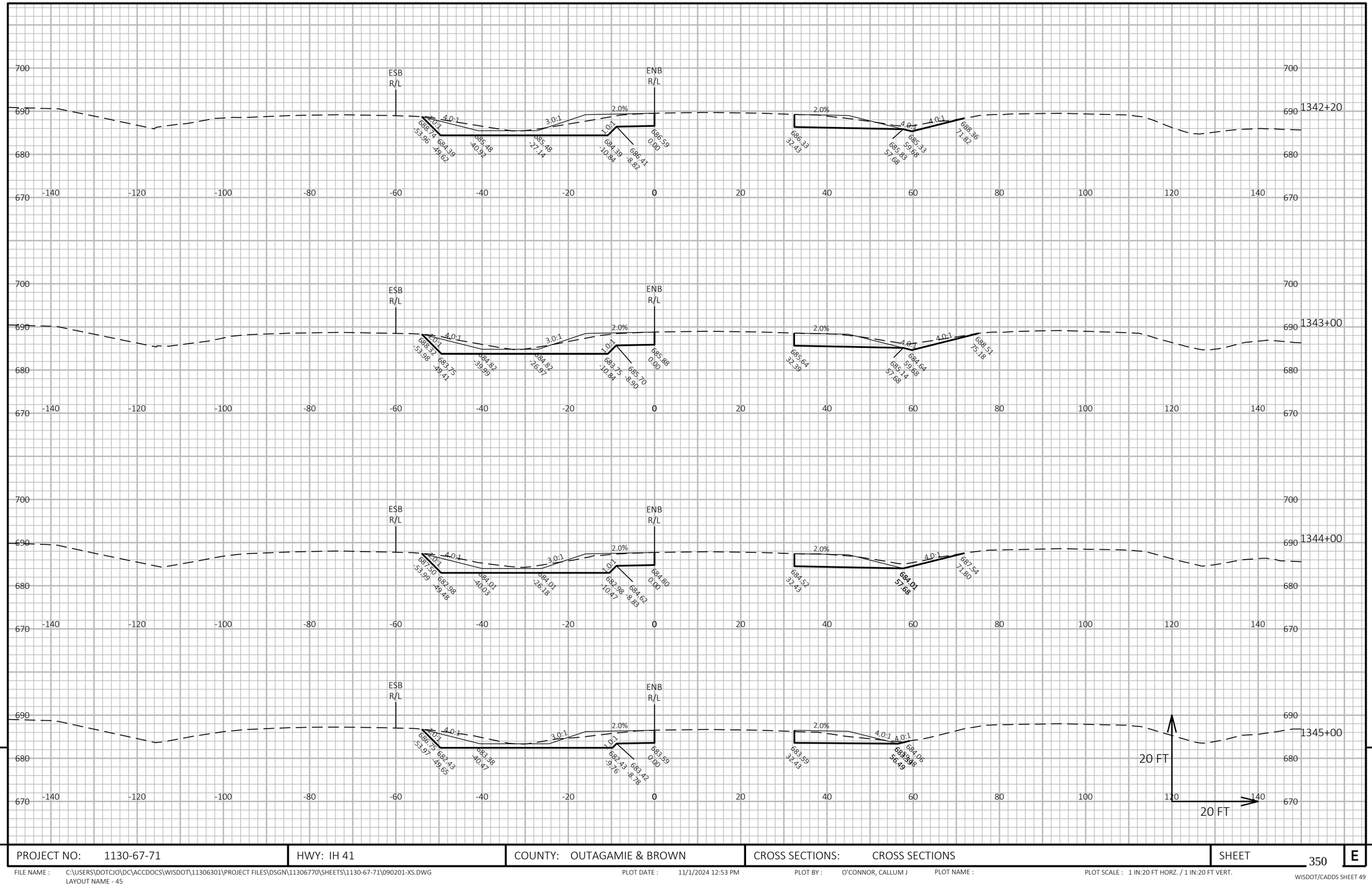
9

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 349	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 44

PLOT DATE : 11/1/2024 12:52 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 350	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 45

PLOT DATE : 11/1/2024 12:53 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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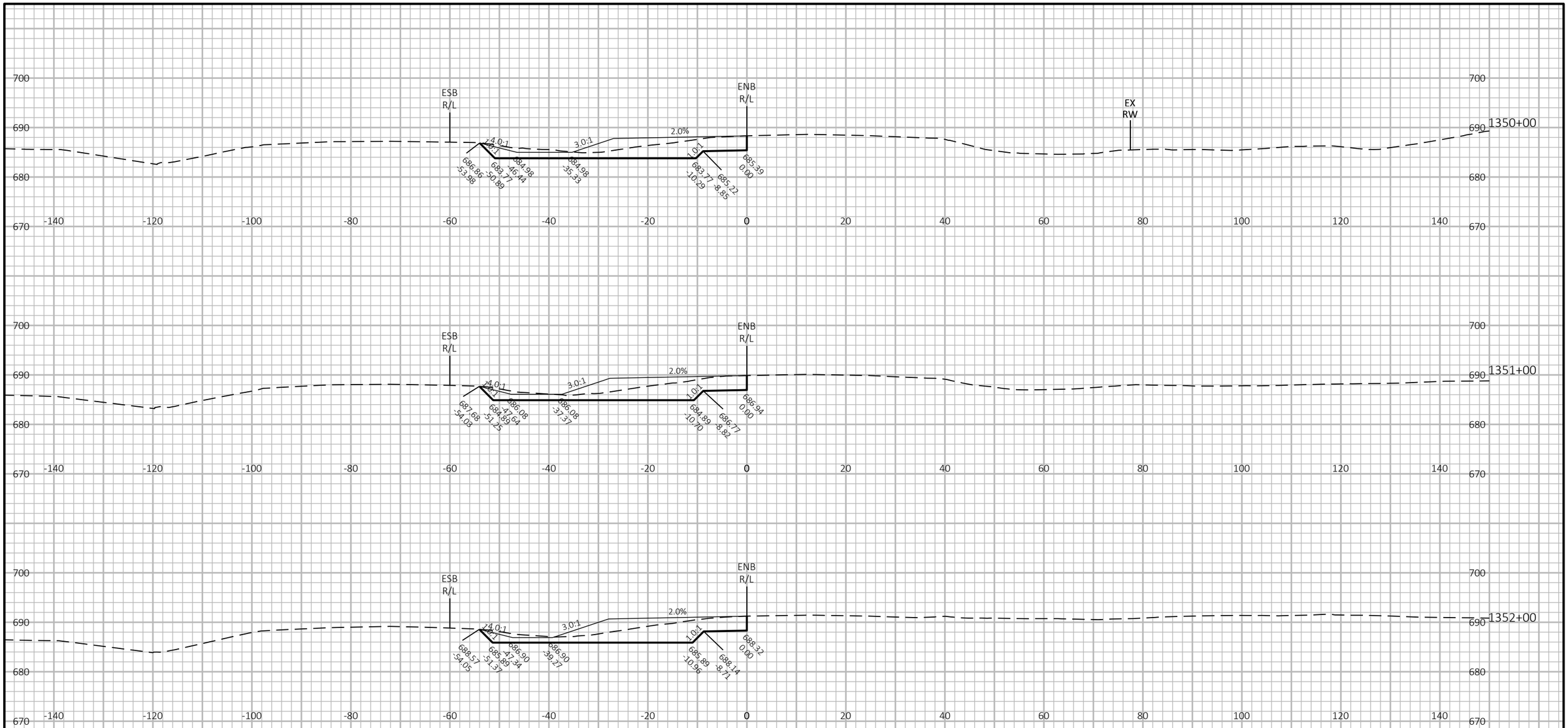
9

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 351	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 46

PLOT DATE : 11/1/2024 12:53 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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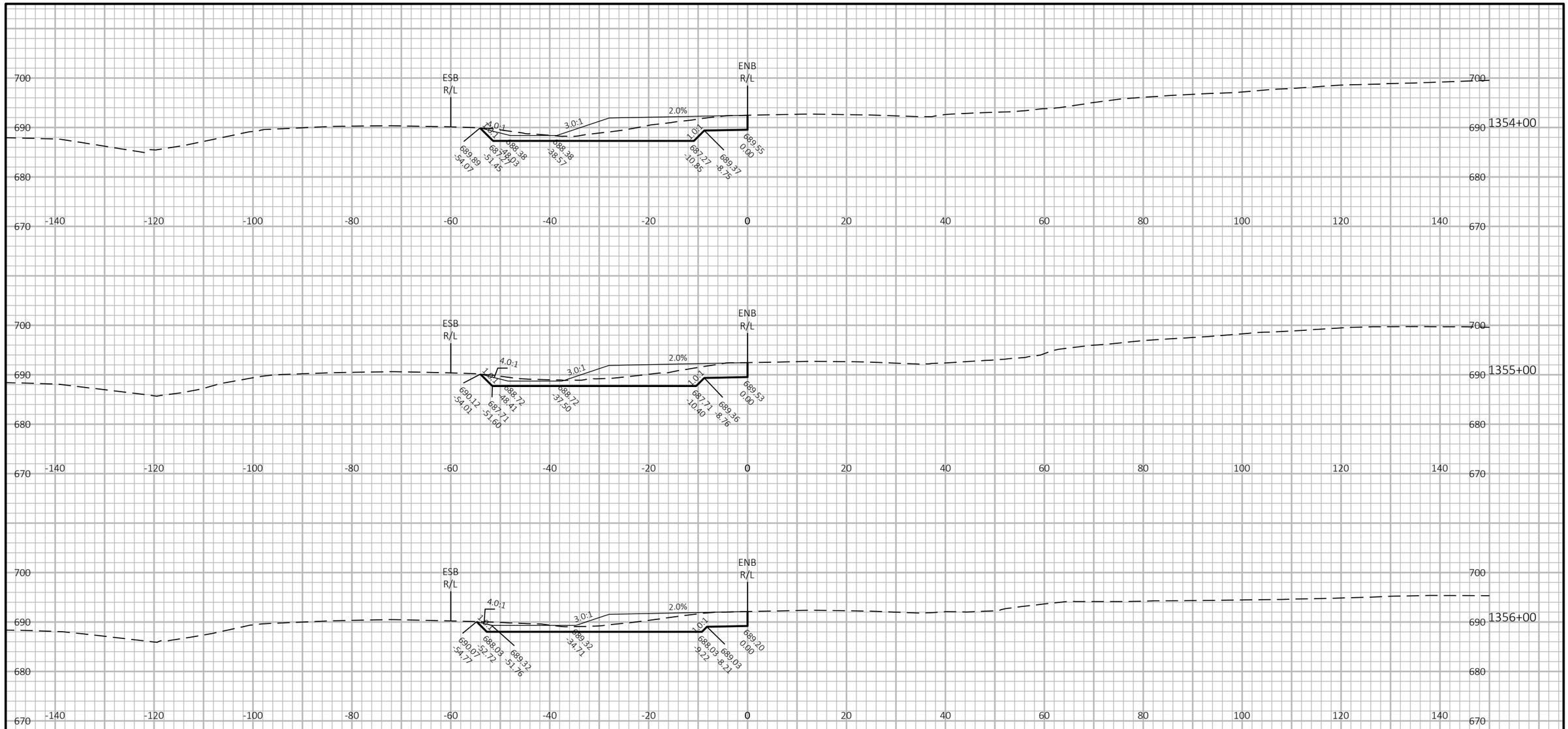
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 352	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 47

PLOT DATE : 11/1/2024 12:53 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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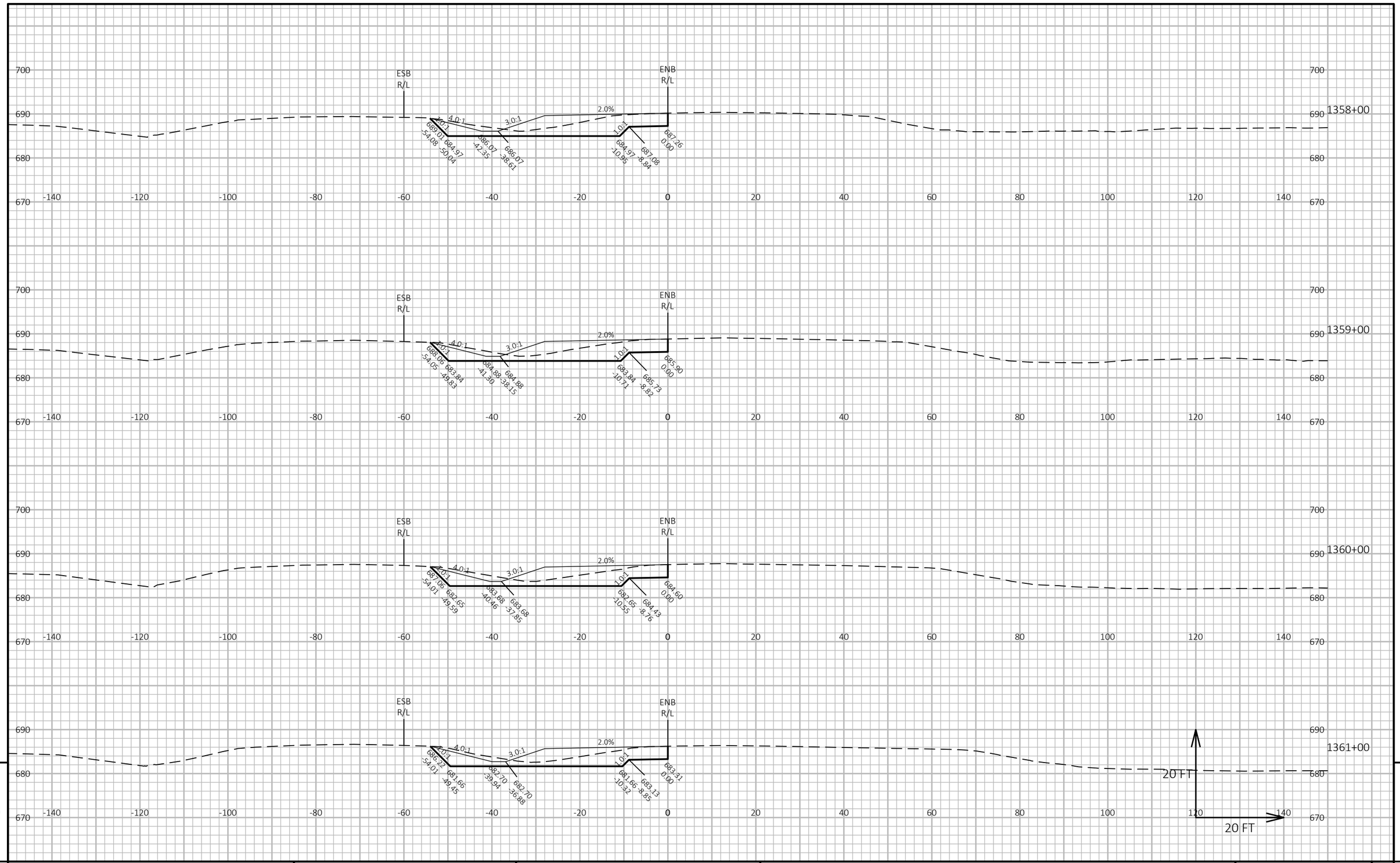
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 353	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 48

PLOT DATE : 11/1/2024 12:53 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

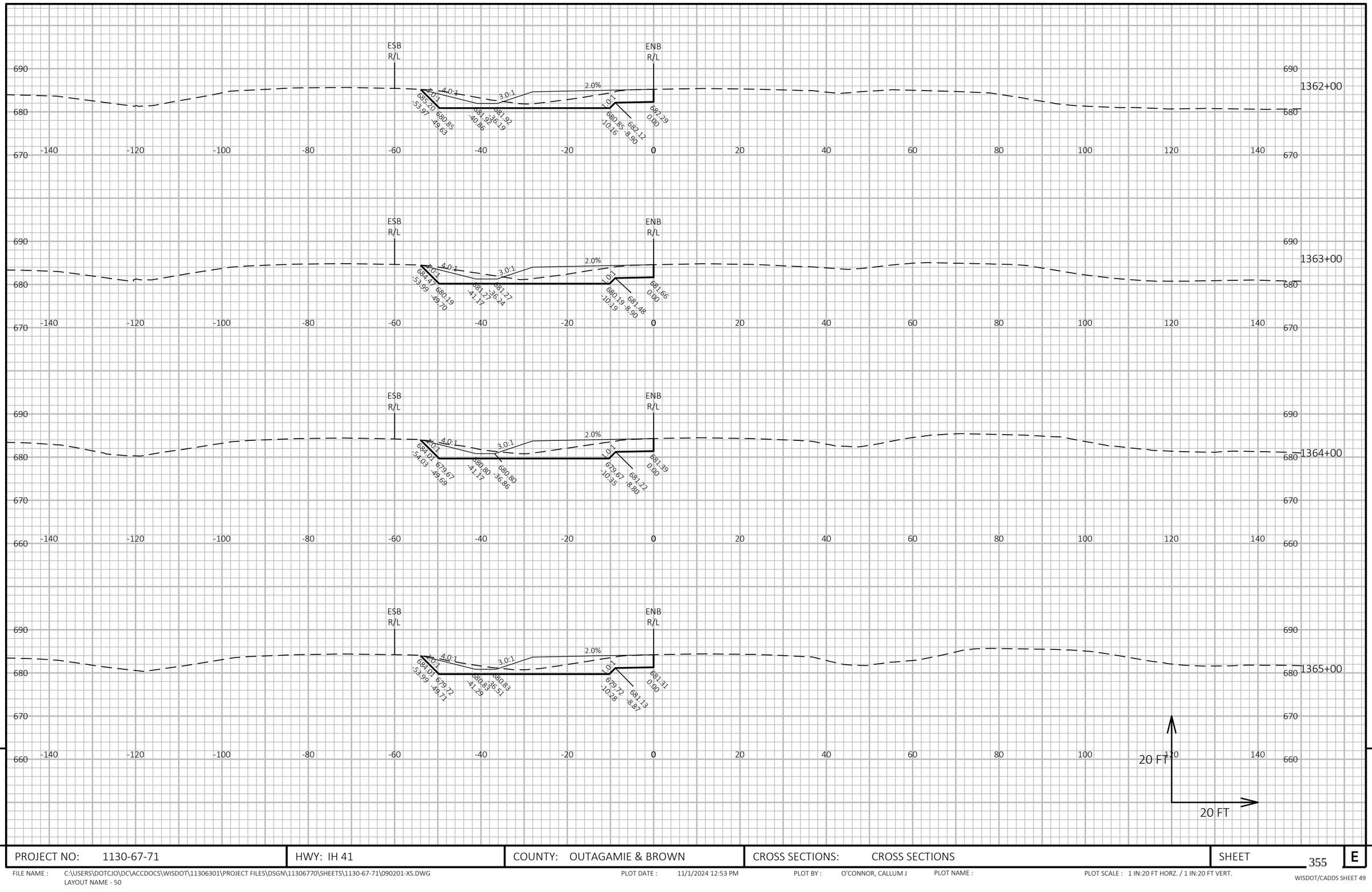


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 354	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 49

PLOT DATE : 11/1/2024 12:53 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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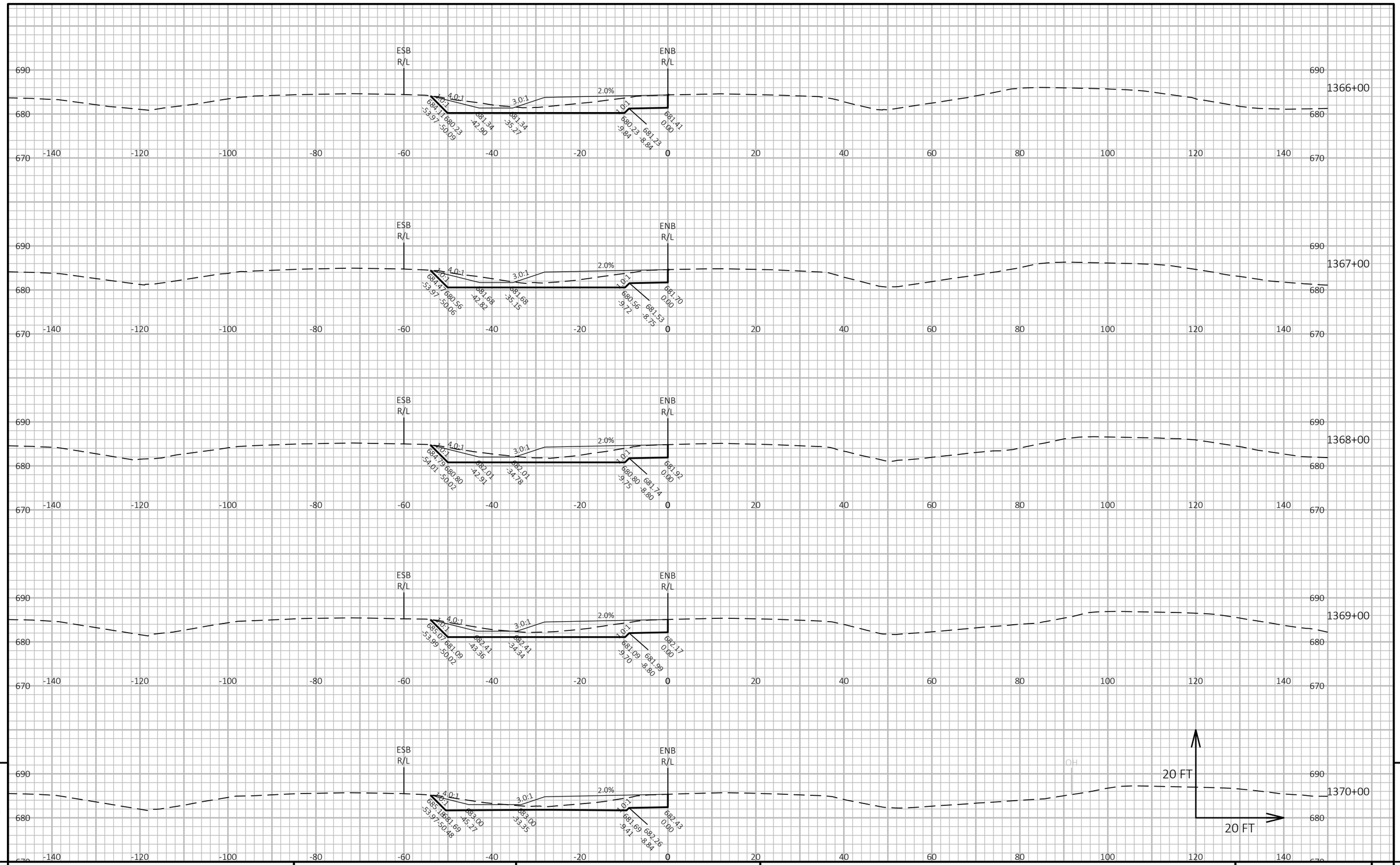
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 355	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 50

PLOT DATE : 11/1/2024 12:53 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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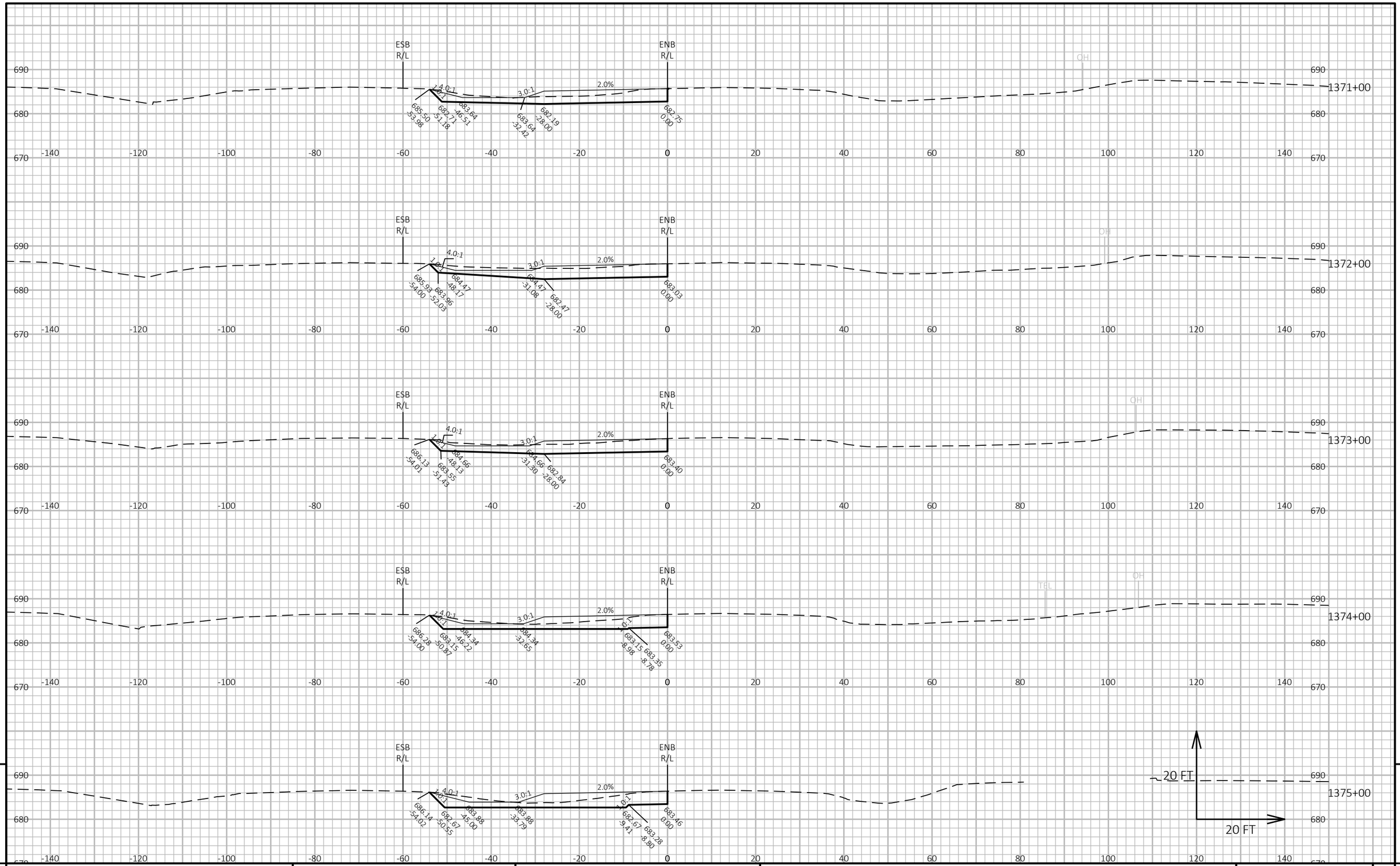
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 356	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 51

PLOT DATE : 11/1/2024 12:53 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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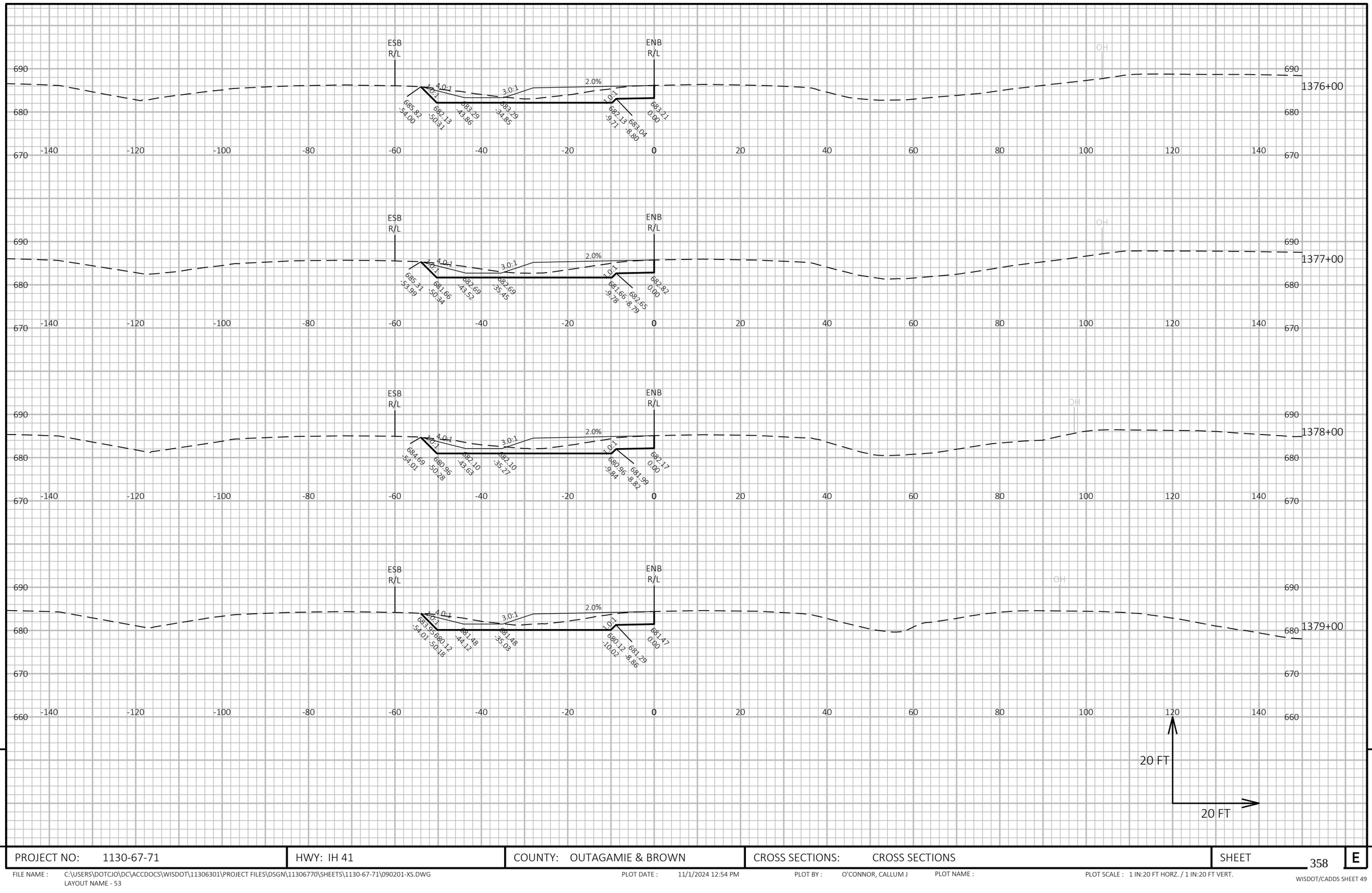
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 357	E

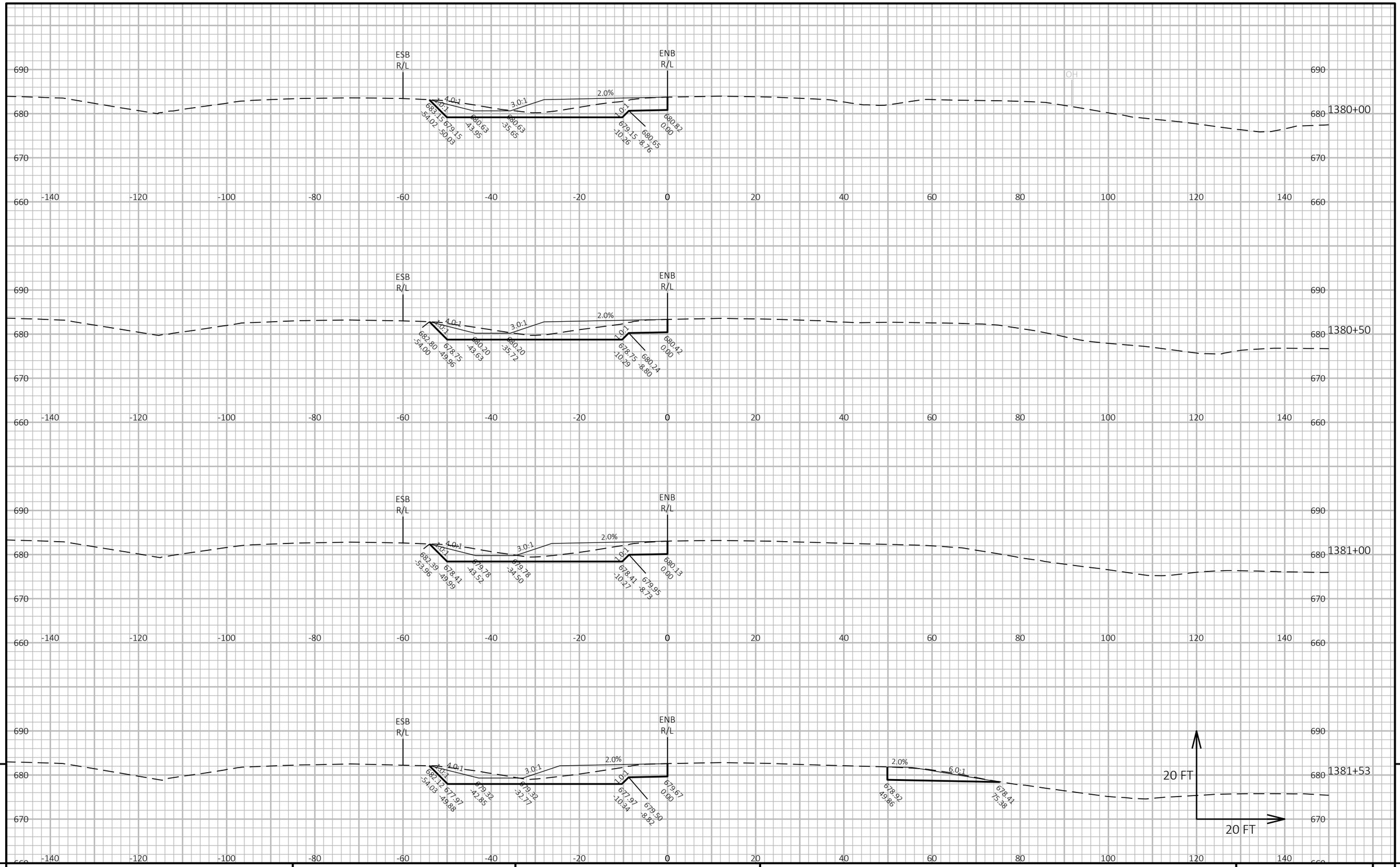
FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 52

PLOT DATE : 11/1/2024 12:54 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 358	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 53
PLOT DATE : 11/1/2024 12:54 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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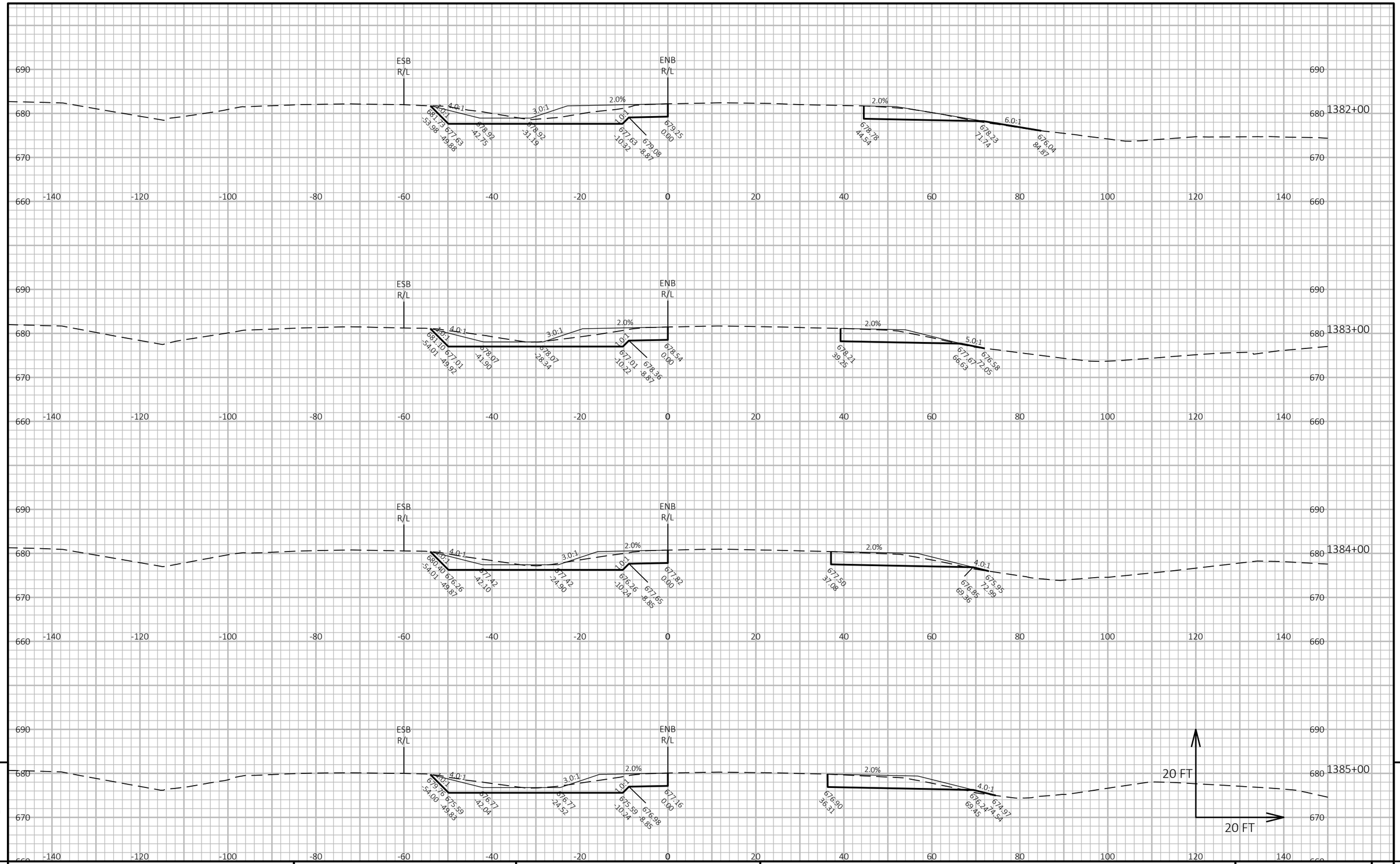
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 359	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 54

PLOT DATE : 11/1/2024 12:54 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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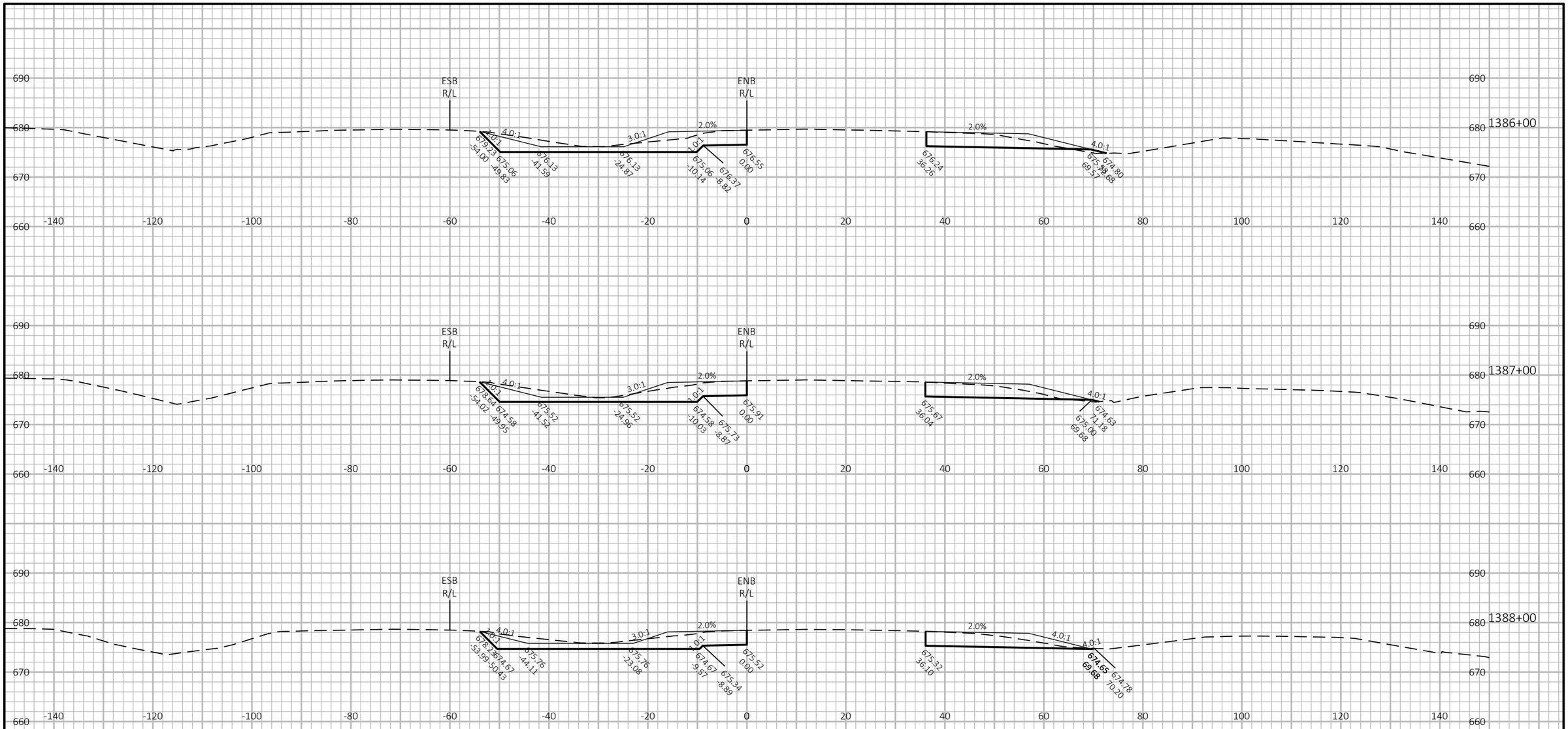
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 360	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 55

PLOT DATE : 11/1/2024 12:54 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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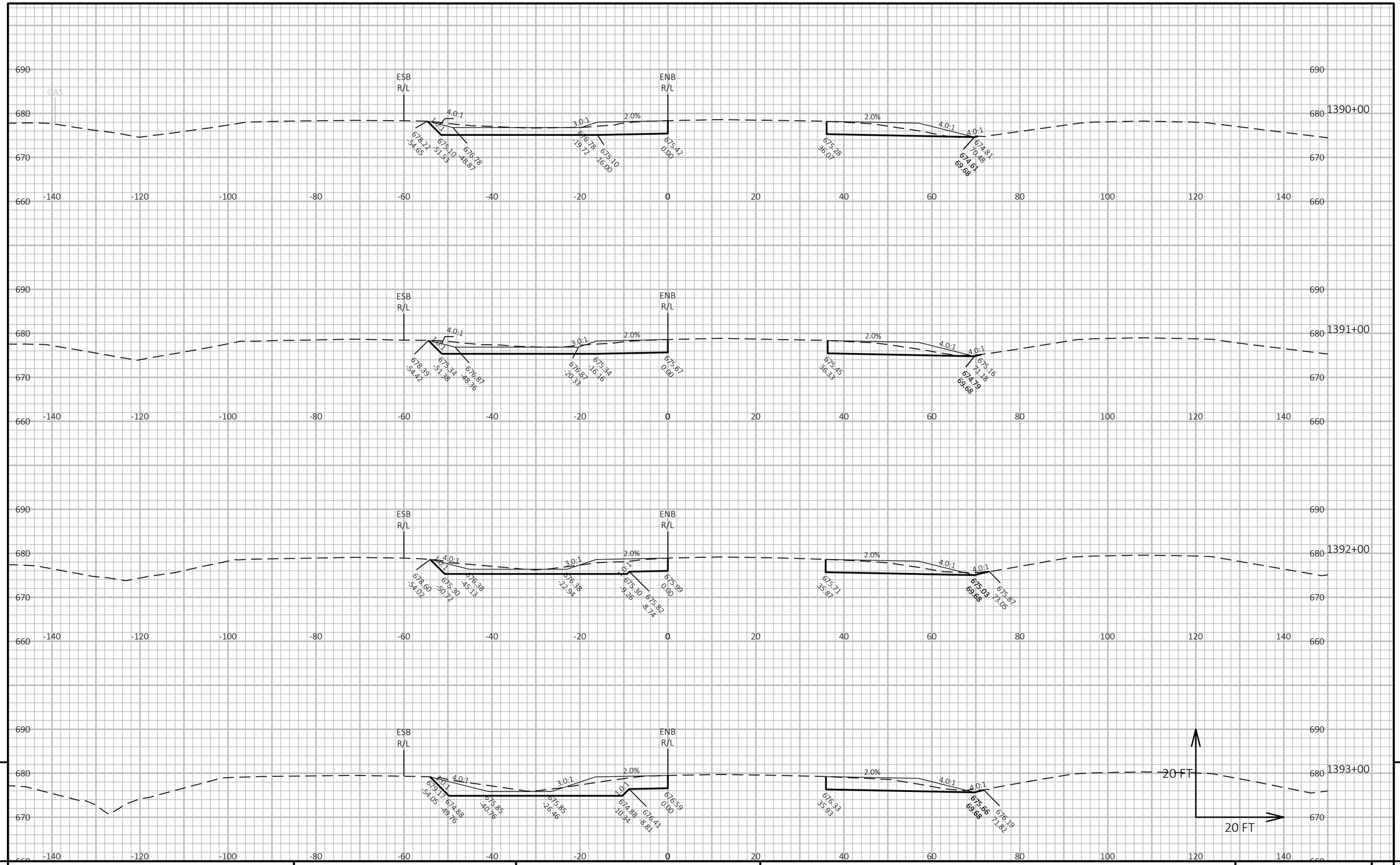
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 361	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 56

PLOT DATE : 11/1/2024 12:54 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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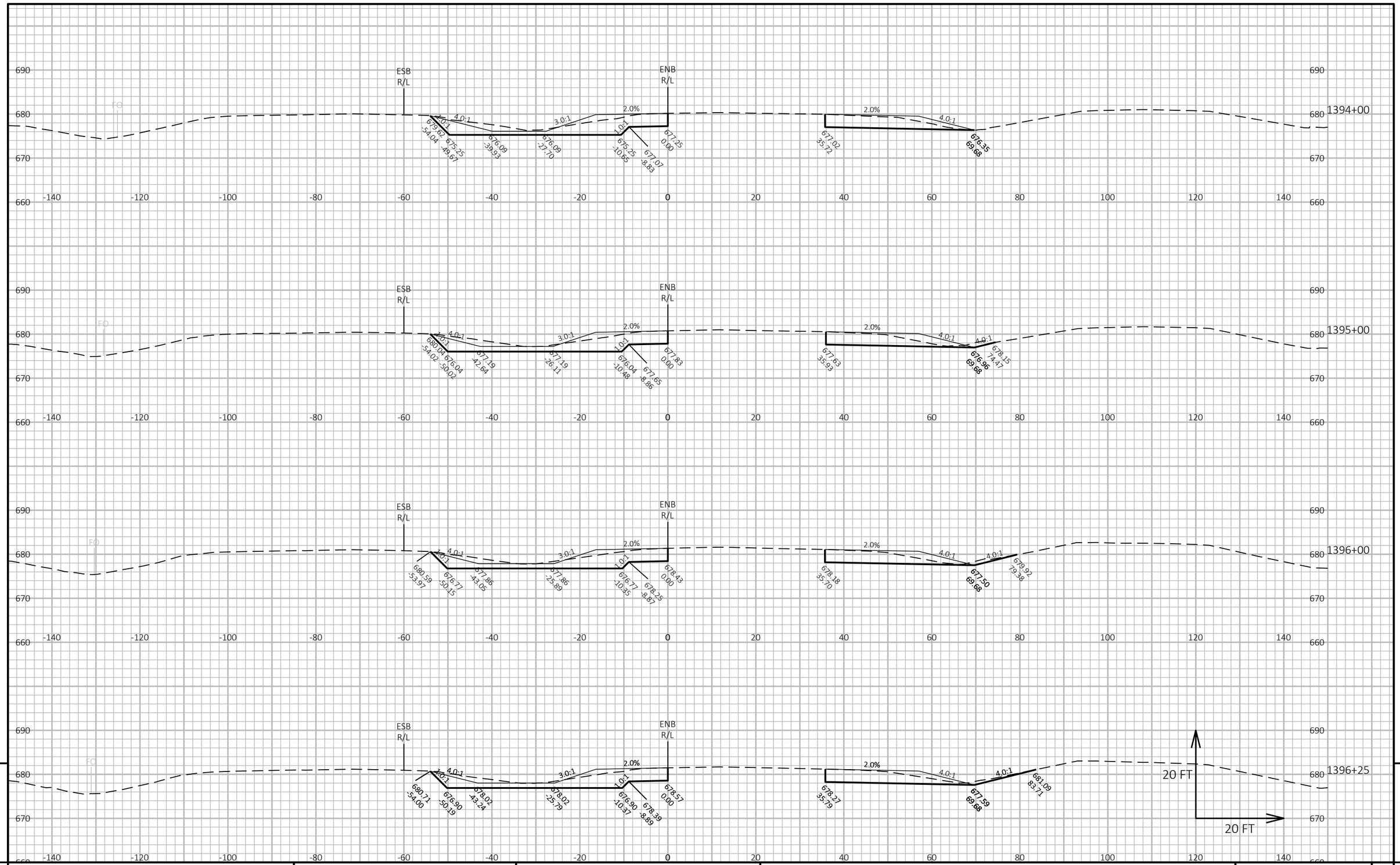
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 362	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 57

PLOT DATE : 11/1/2024 12:54 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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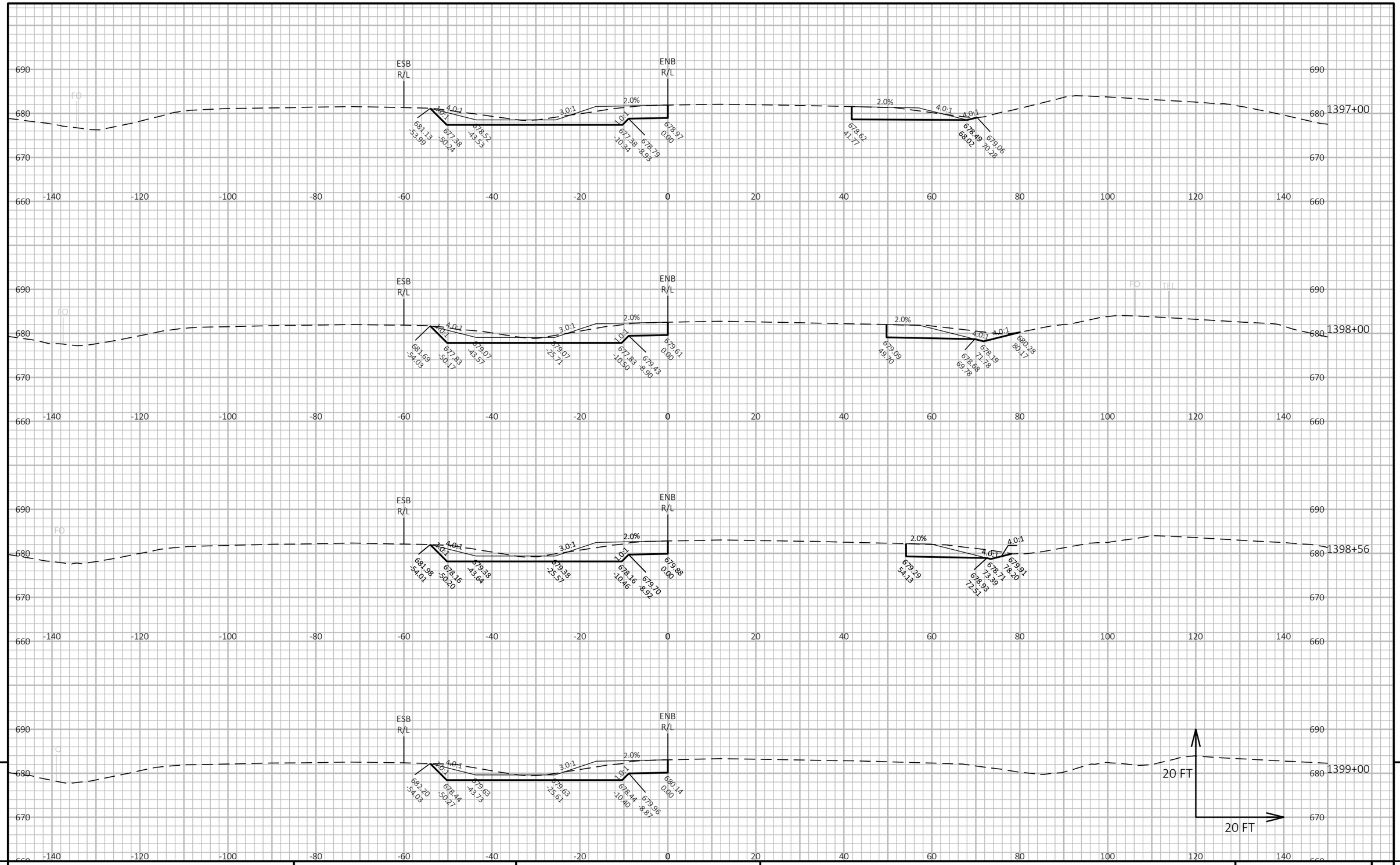
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 363	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 58

PLOT DATE : 11/1/2024 12:54 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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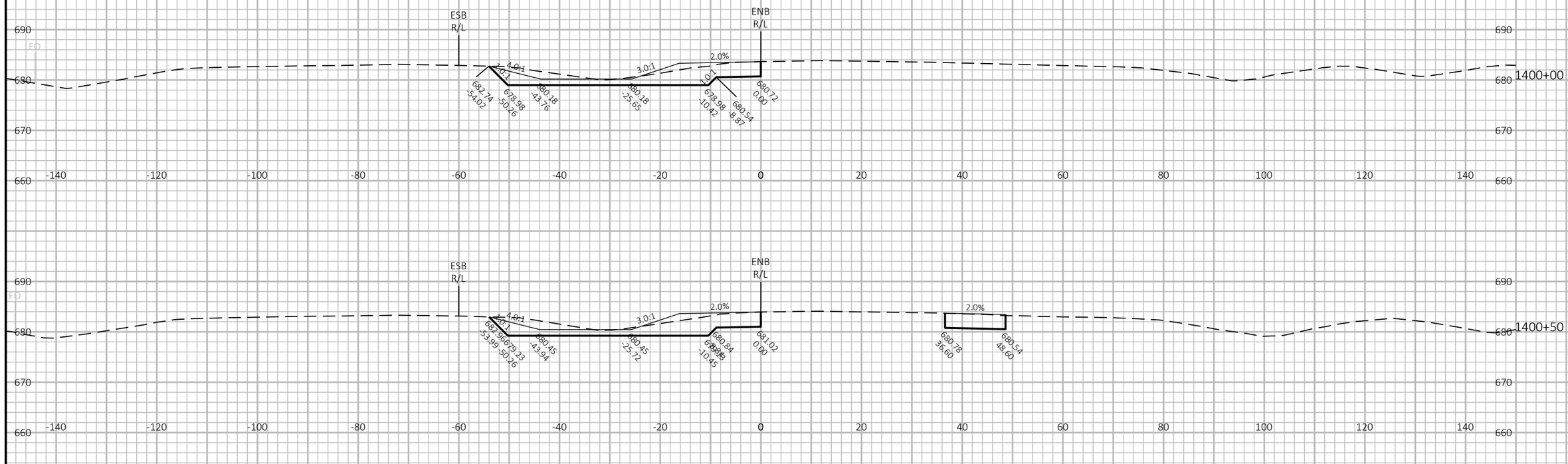
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 364	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 59

PLOT DATE : 11/1/2024 12:55 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

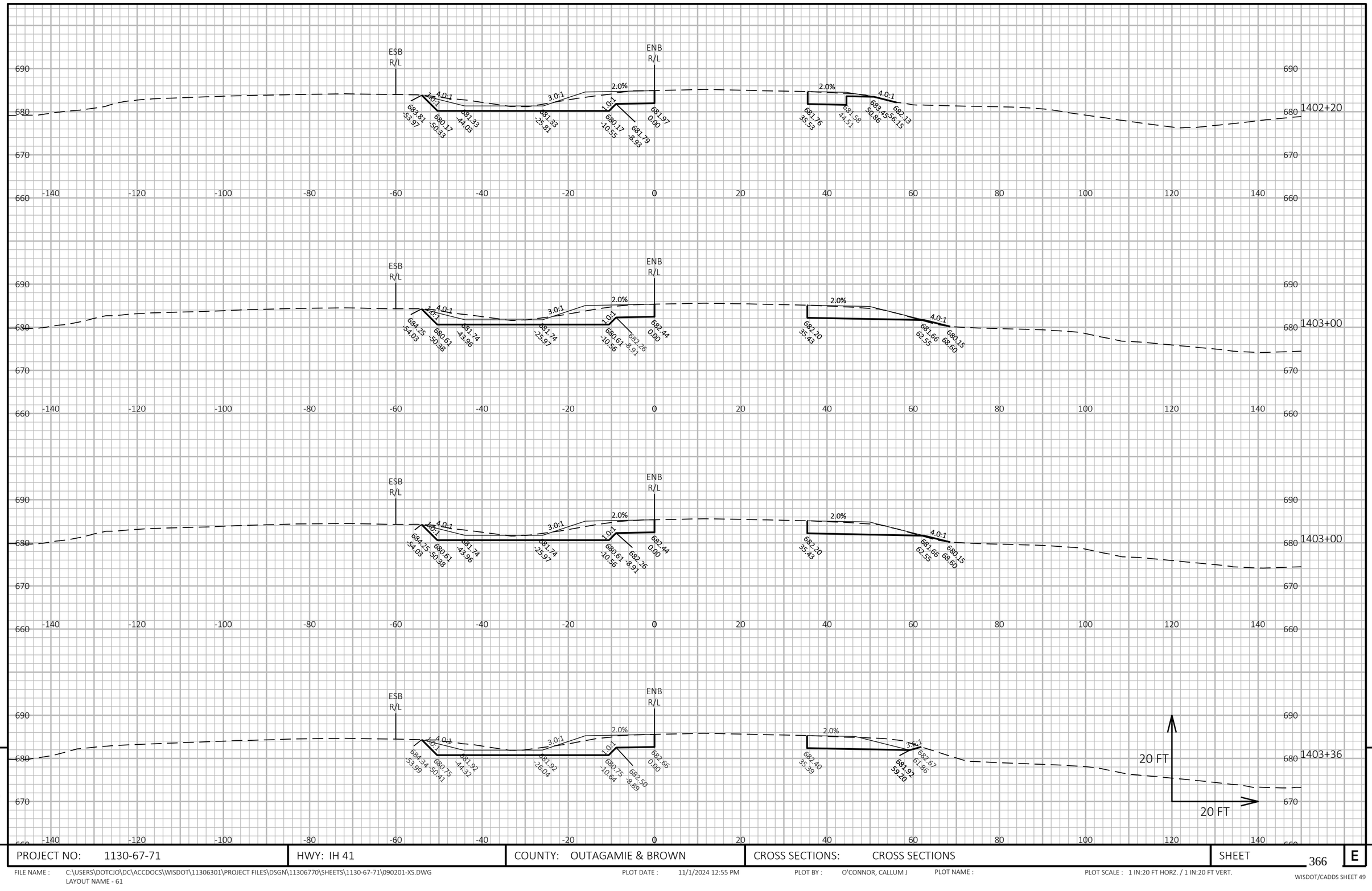


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 365 E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 60

PLOT DATE : 11/1/2024 12:55 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

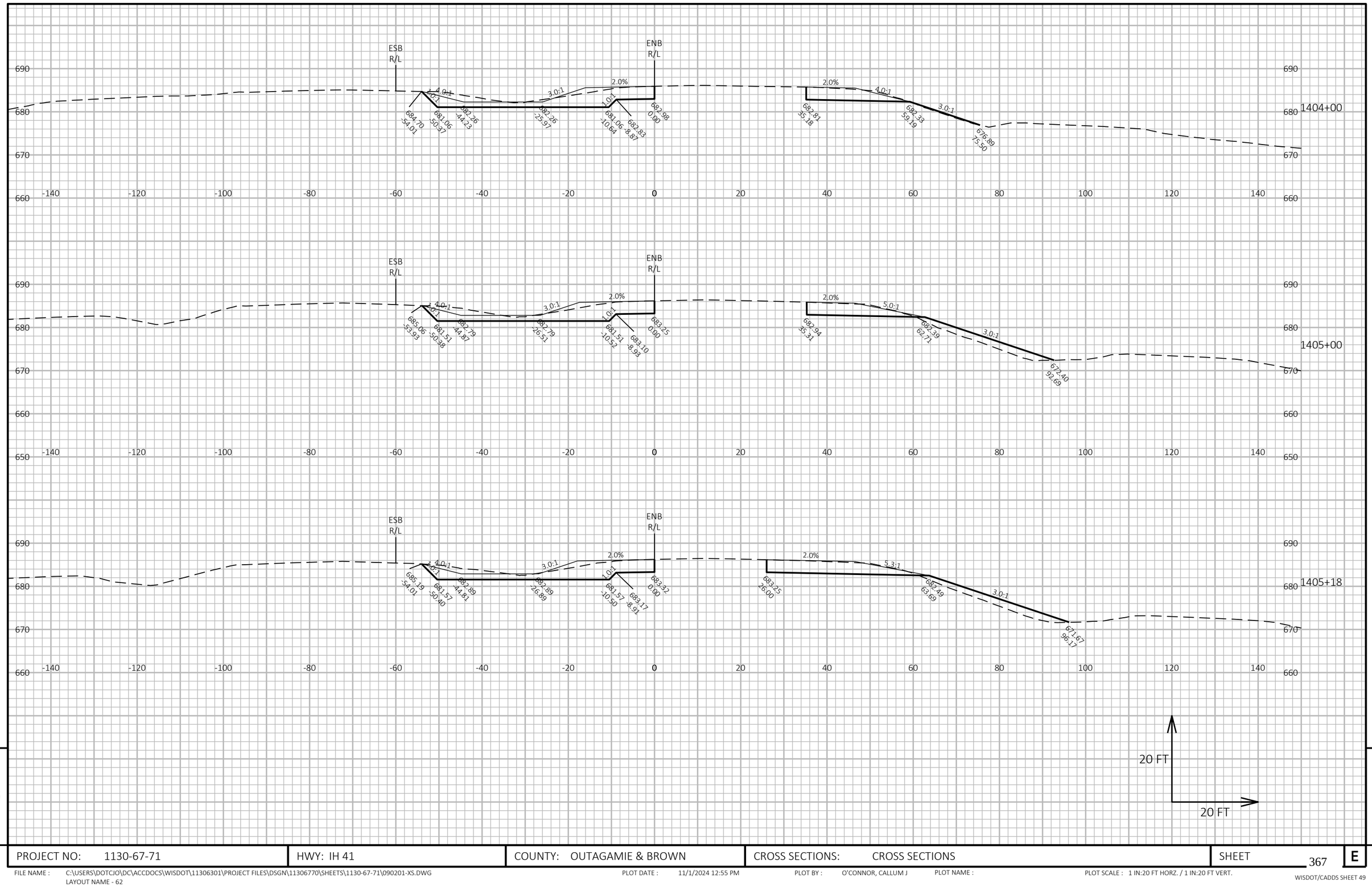


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 366	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 61

PLOT DATE : 11/1/2024 12:55 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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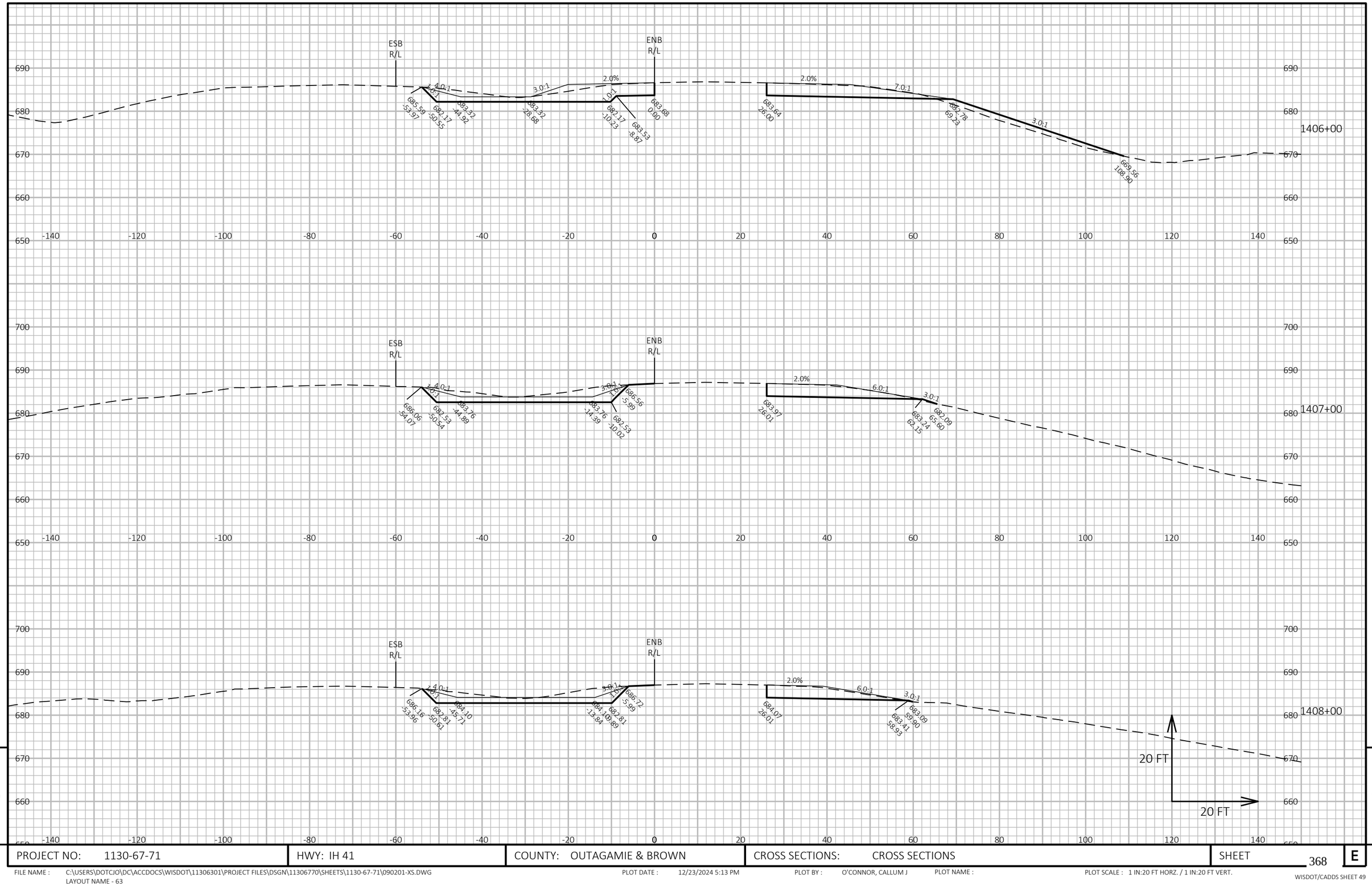
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 367	E

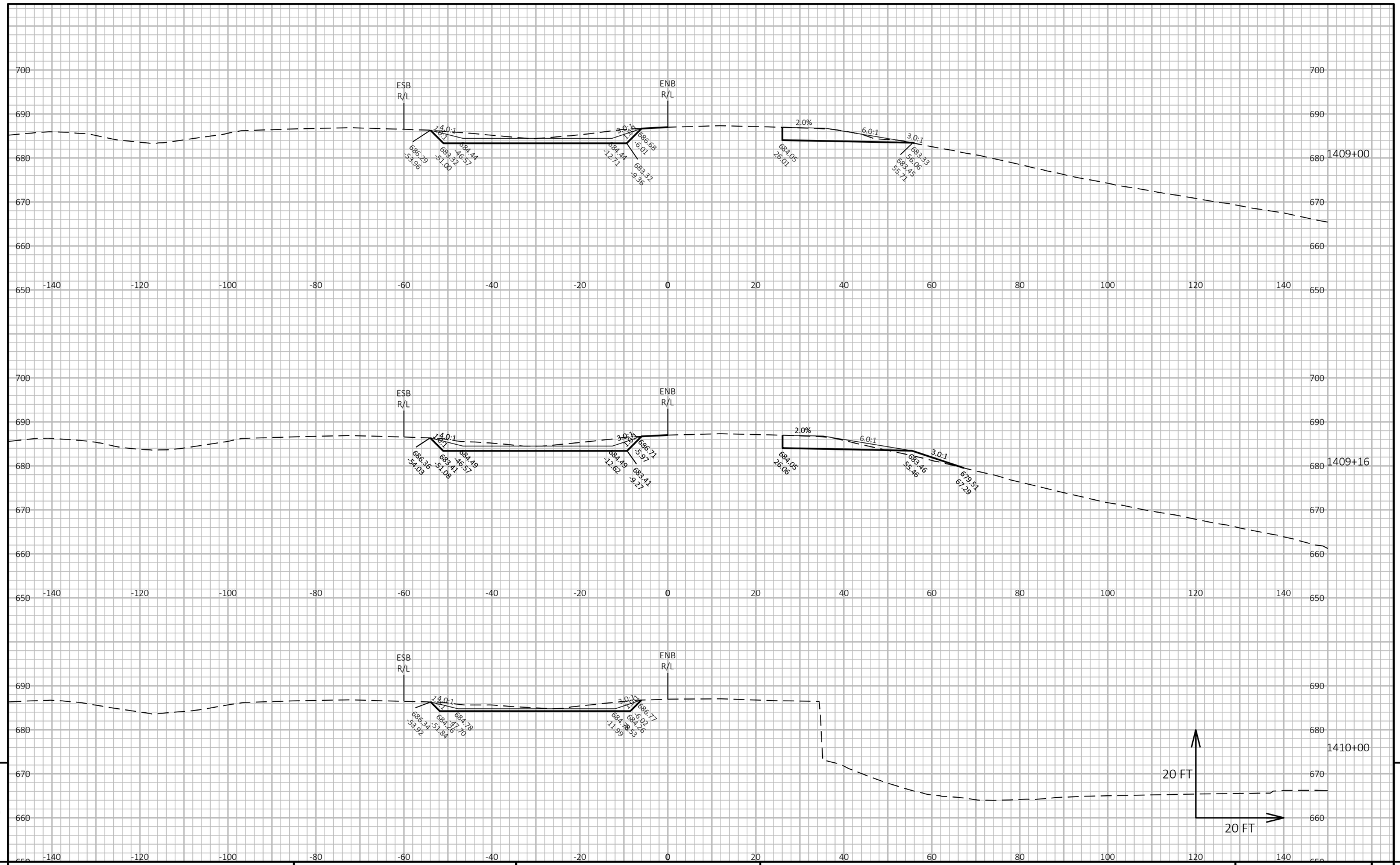
FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 62

PLOT DATE : 11/1/2024 12:55 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 368 E



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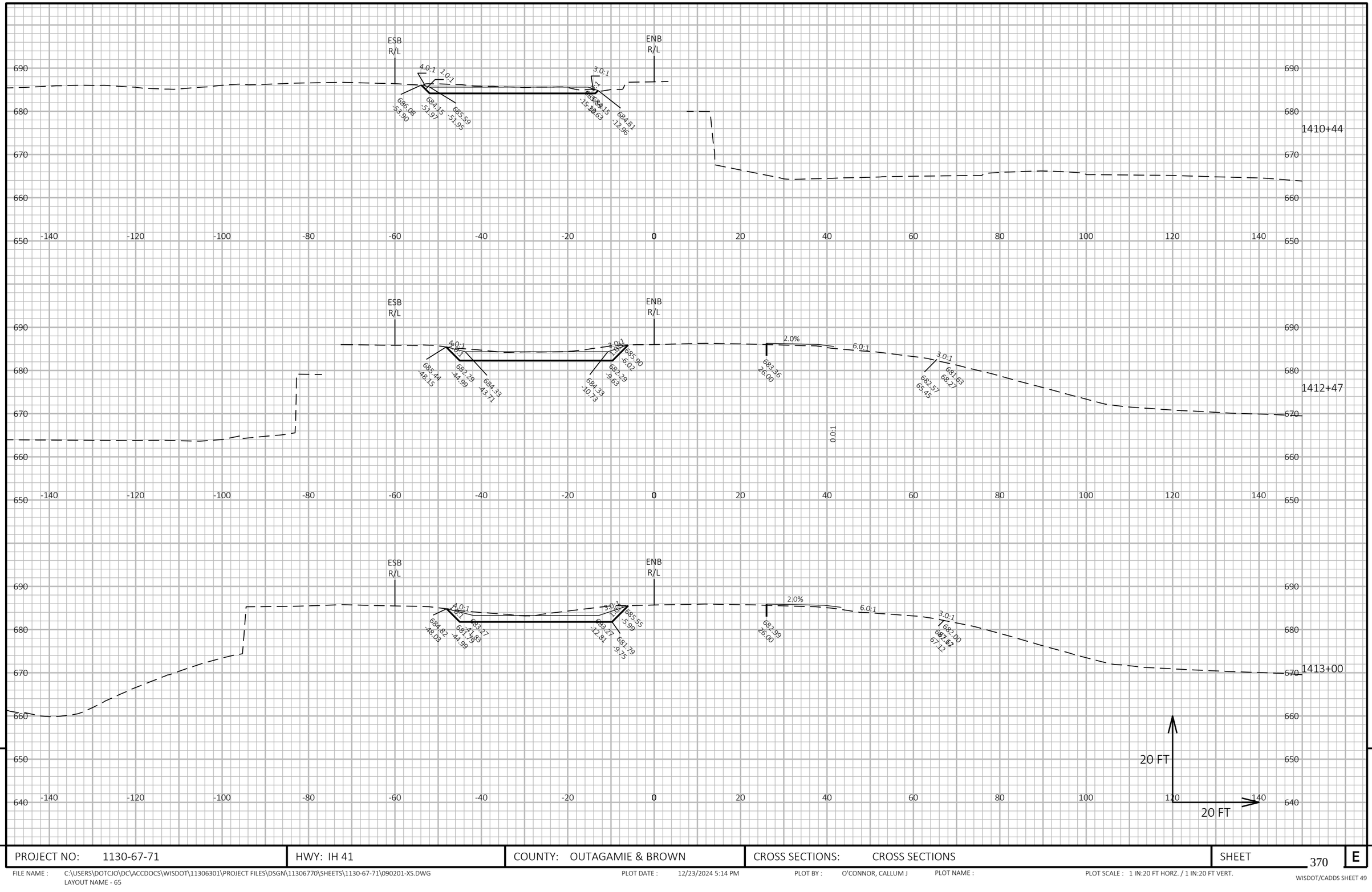
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 369	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 64
PLOT DATE : 12/23/2024 5:14 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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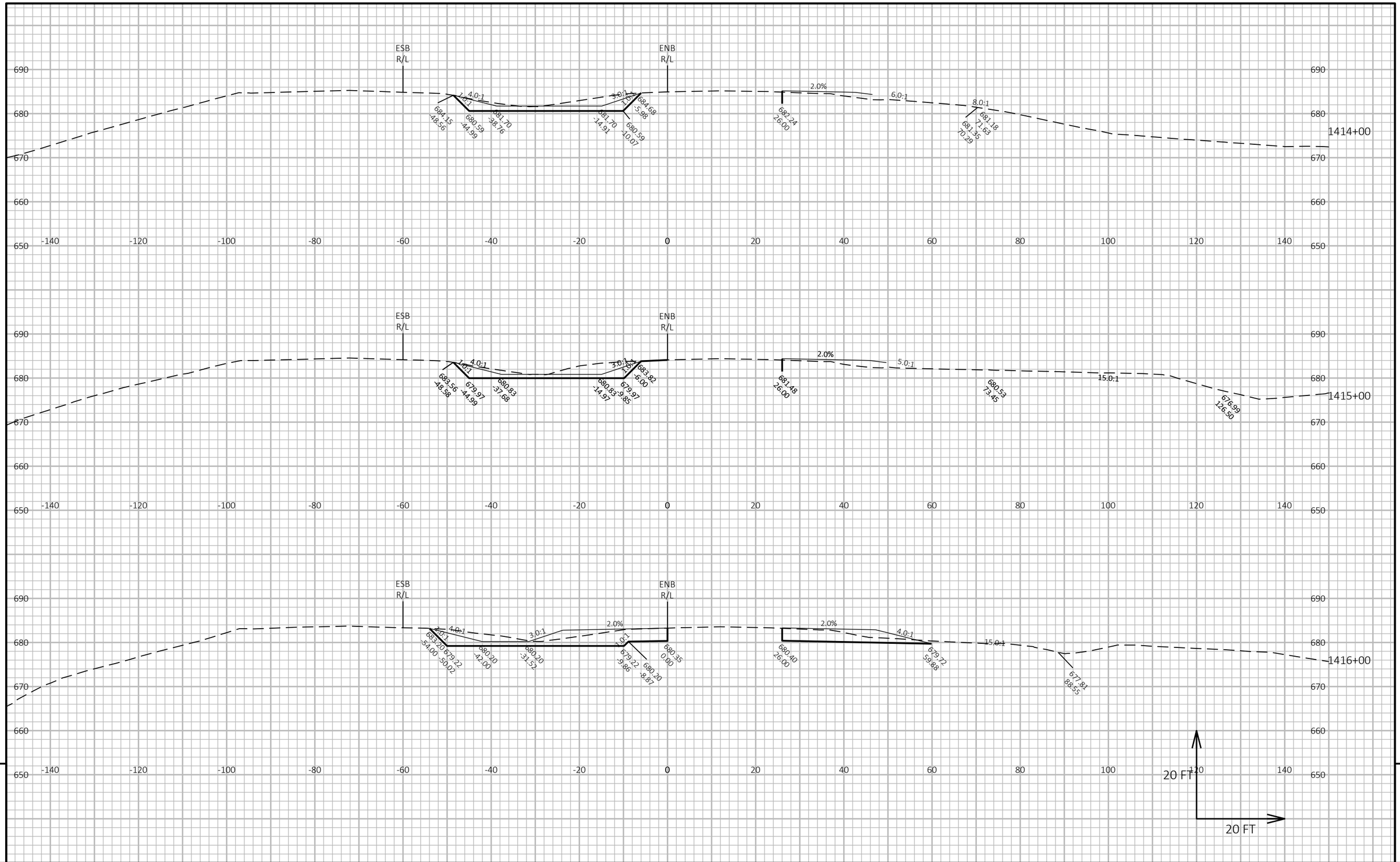
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 370	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 65

PLOT DATE : 12/23/2024 5:14 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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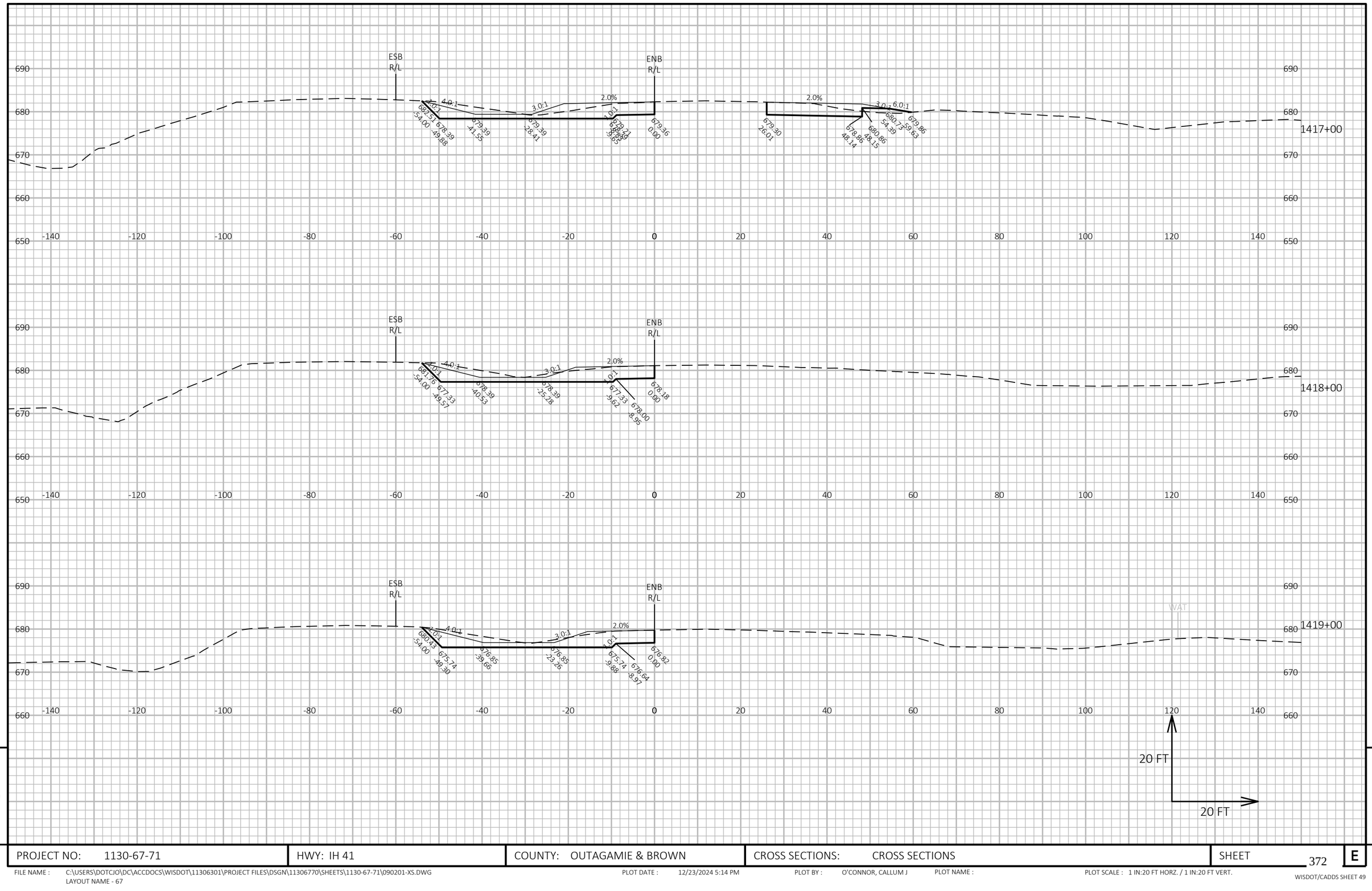
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 371	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 66

PLOT DATE : 12/23/2024 5:14 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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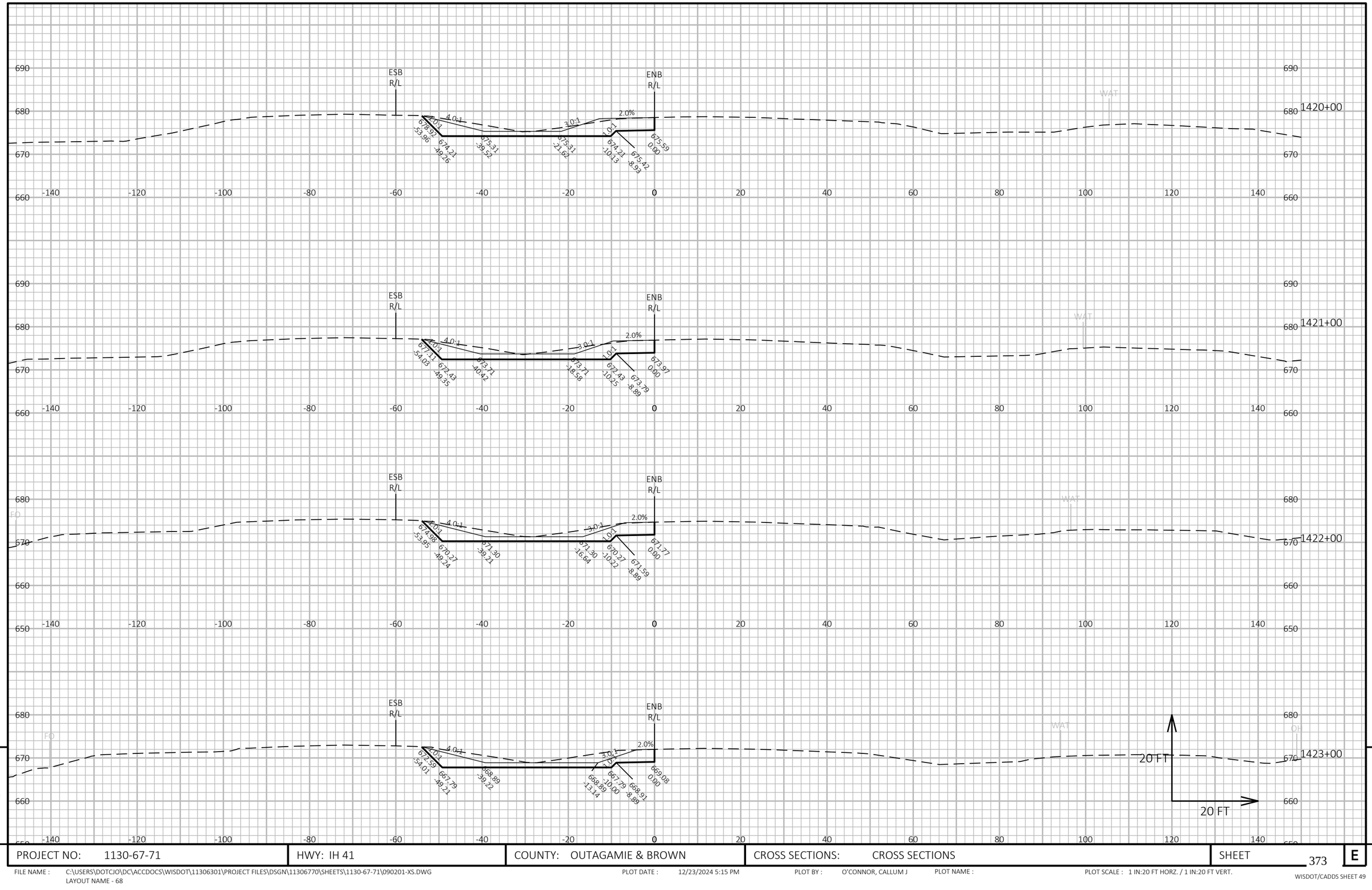
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 372	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 67

PLOT DATE : 12/23/2024 5:14 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

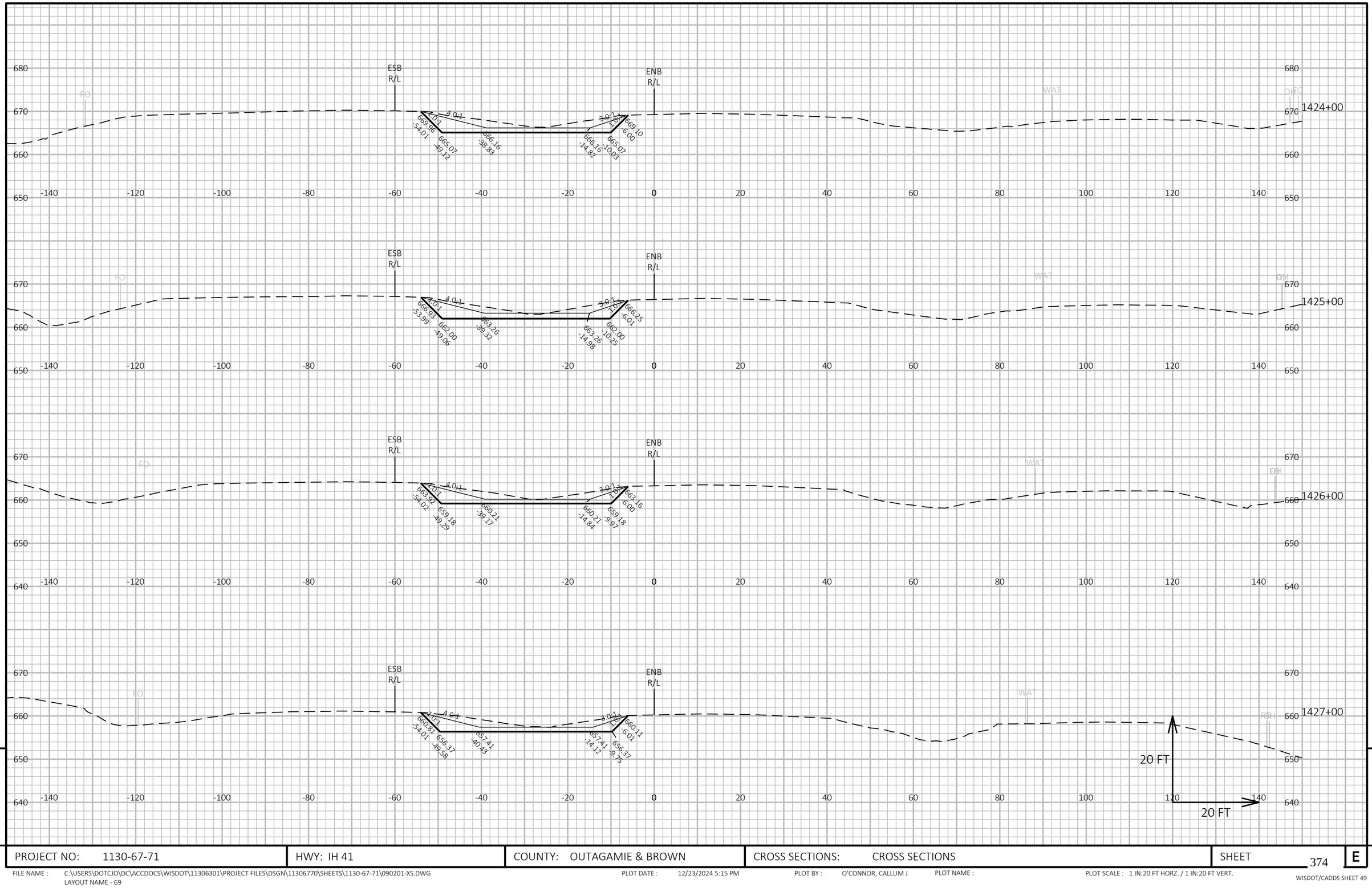


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 373	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 68

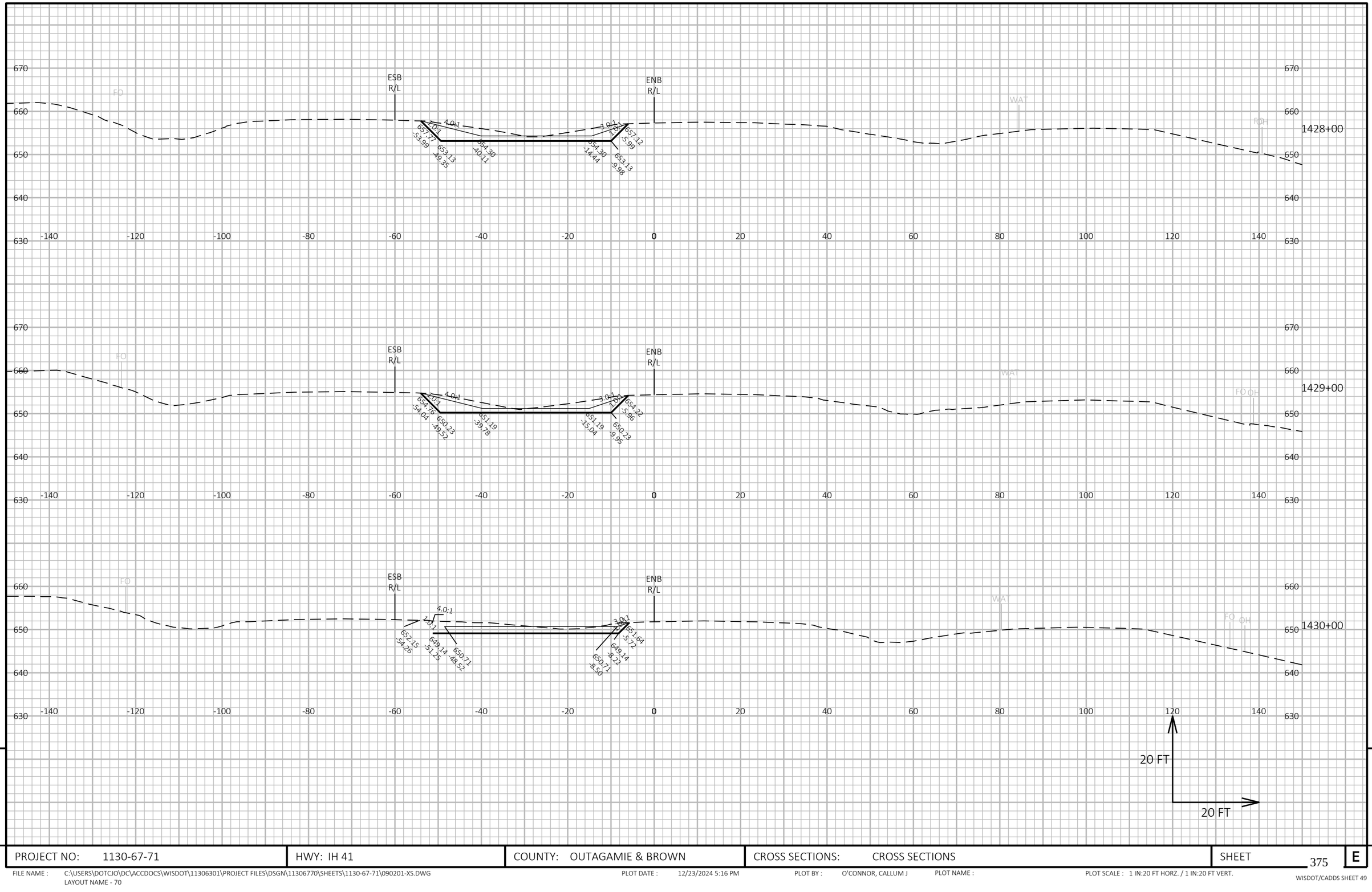
PLOT DATE : 12/23/2024 5:15 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



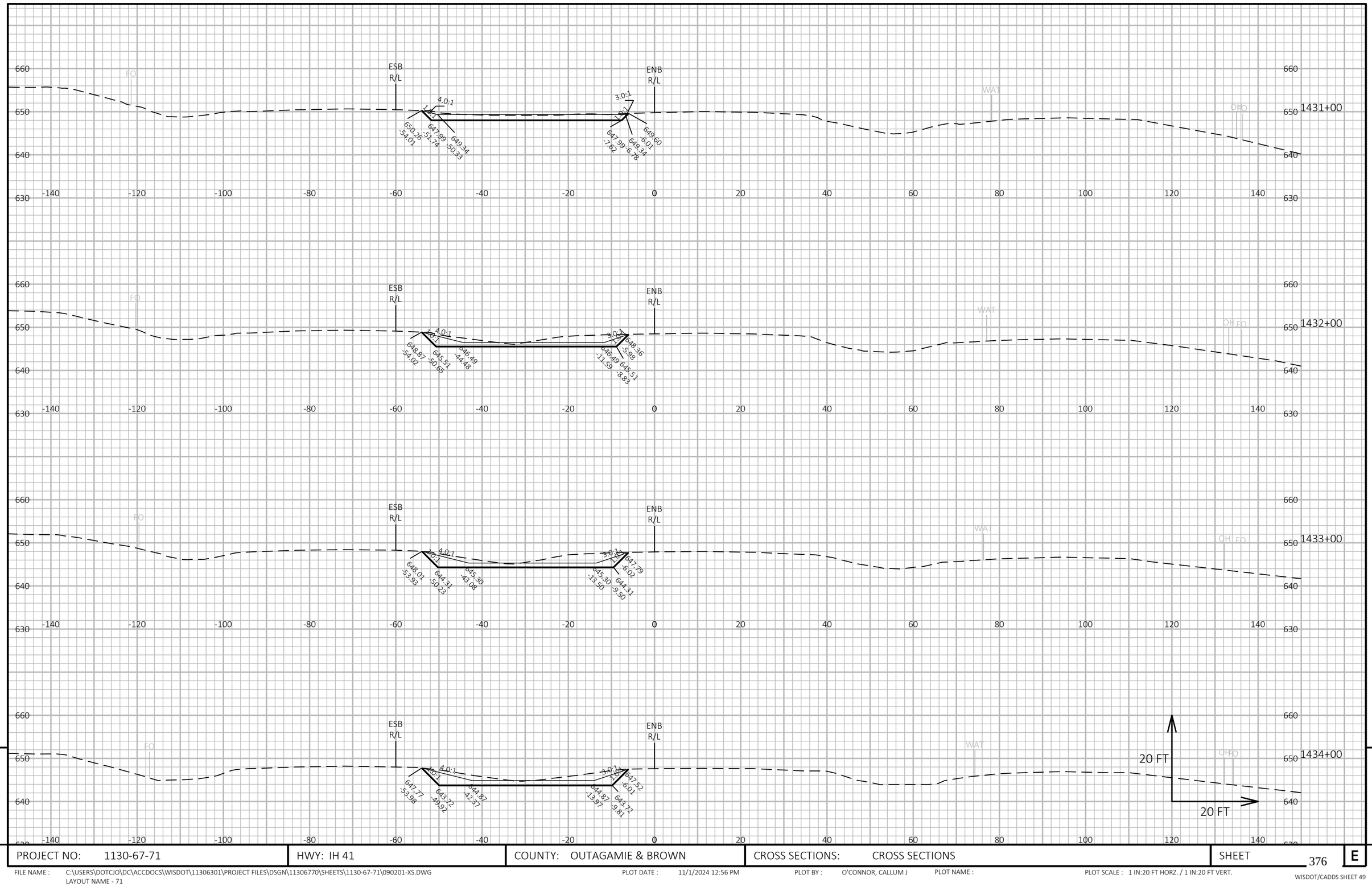
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 374 E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 69
PLOT DATE : 12/23/2024 5:15 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 375	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 70
PLOT DATE : 12/23/2024 5:16 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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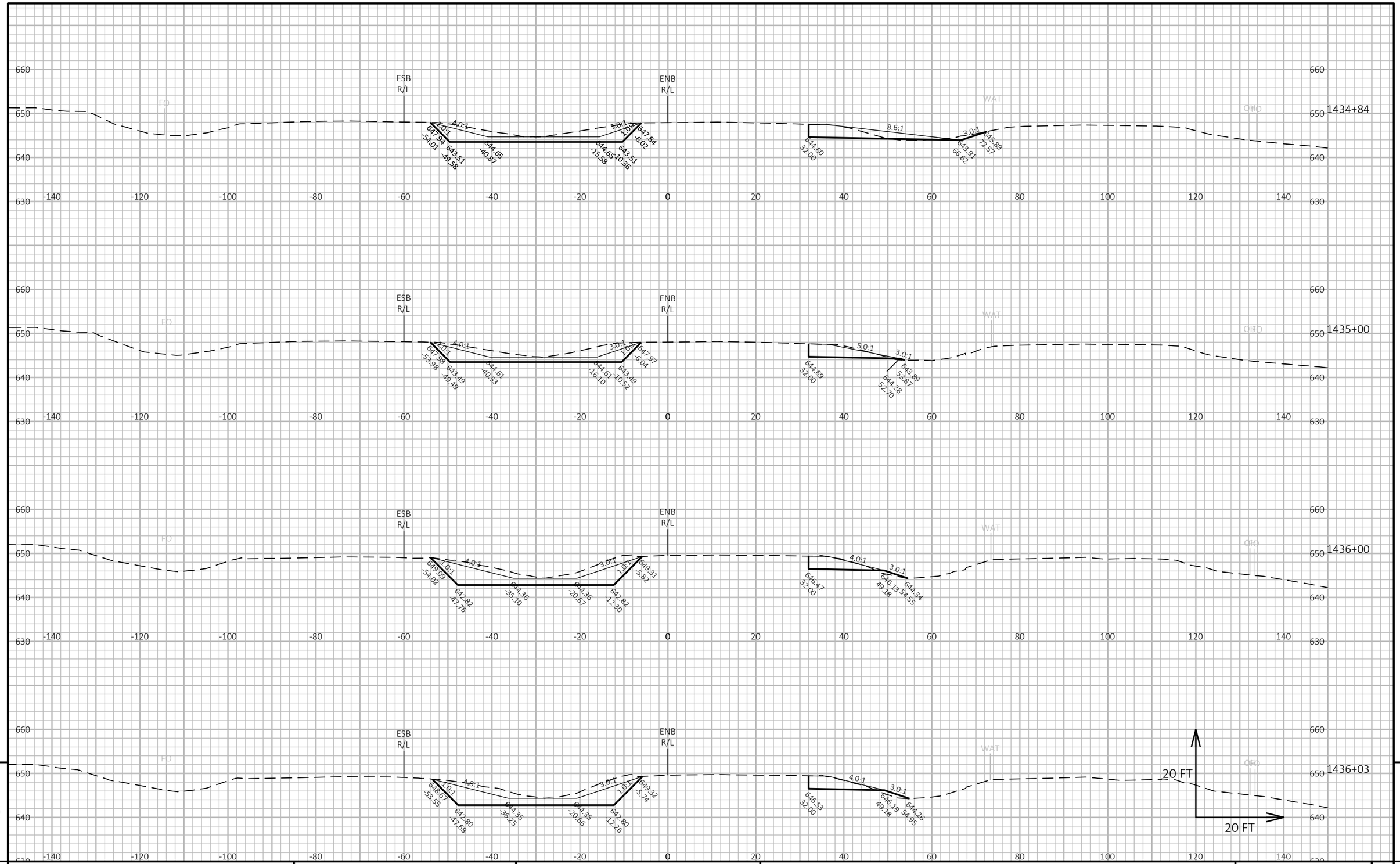
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 376	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 71

PLOT DATE : 11/1/2024 12:56 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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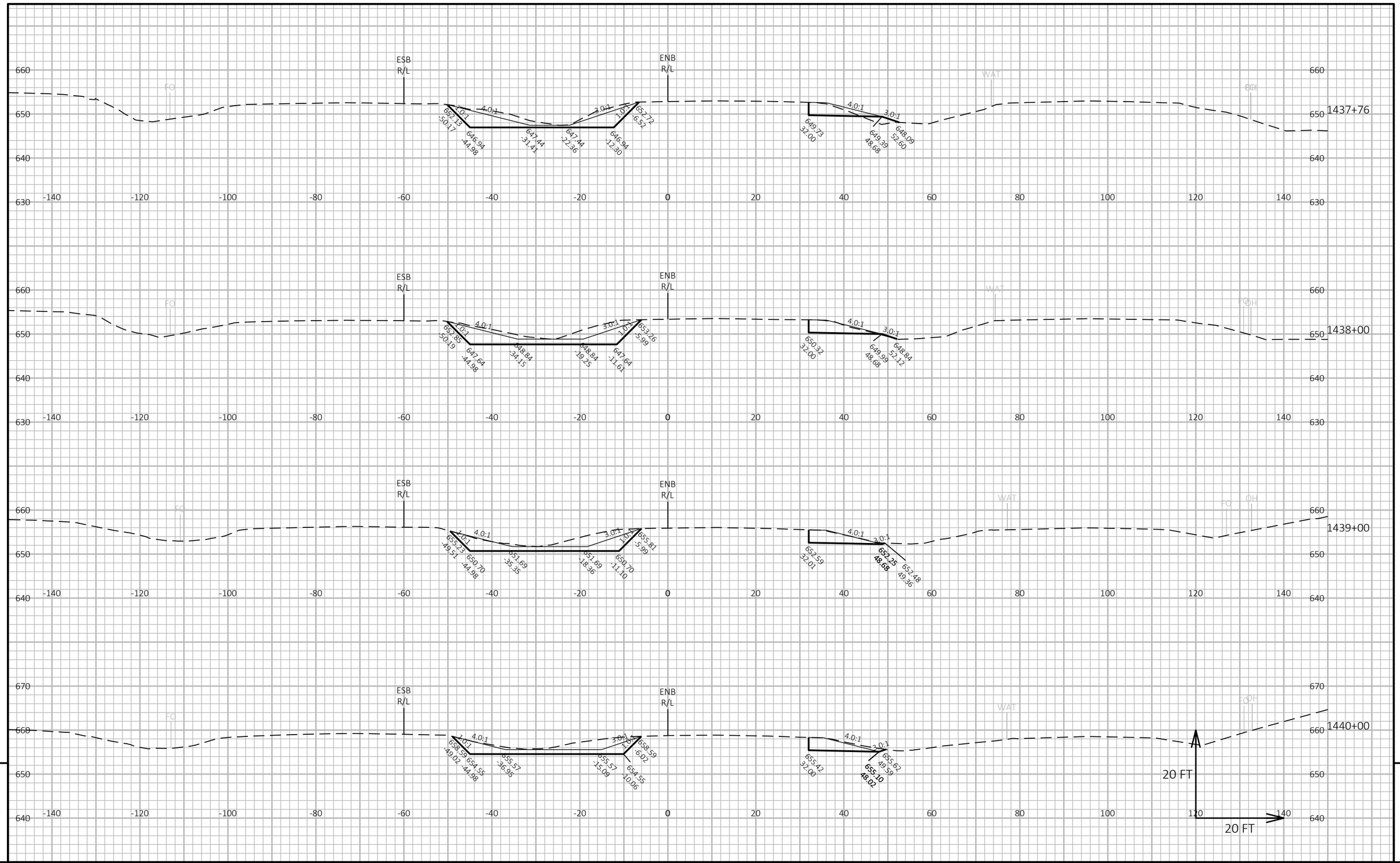
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 377	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 72

PLOT DATE : 11/1/2024 12:56 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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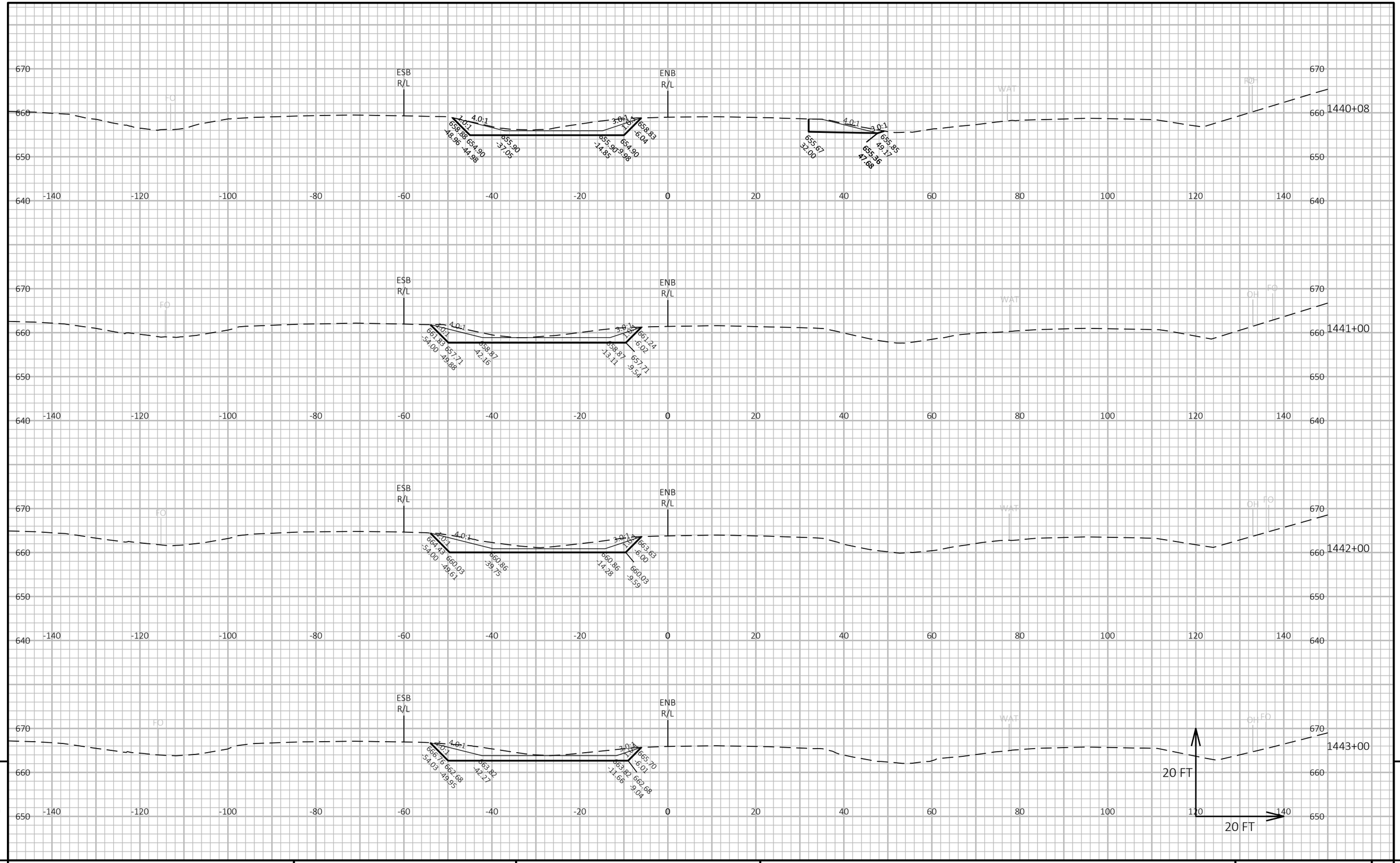
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 378	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 73

PLOT DATE : 11/1/2024 12:56 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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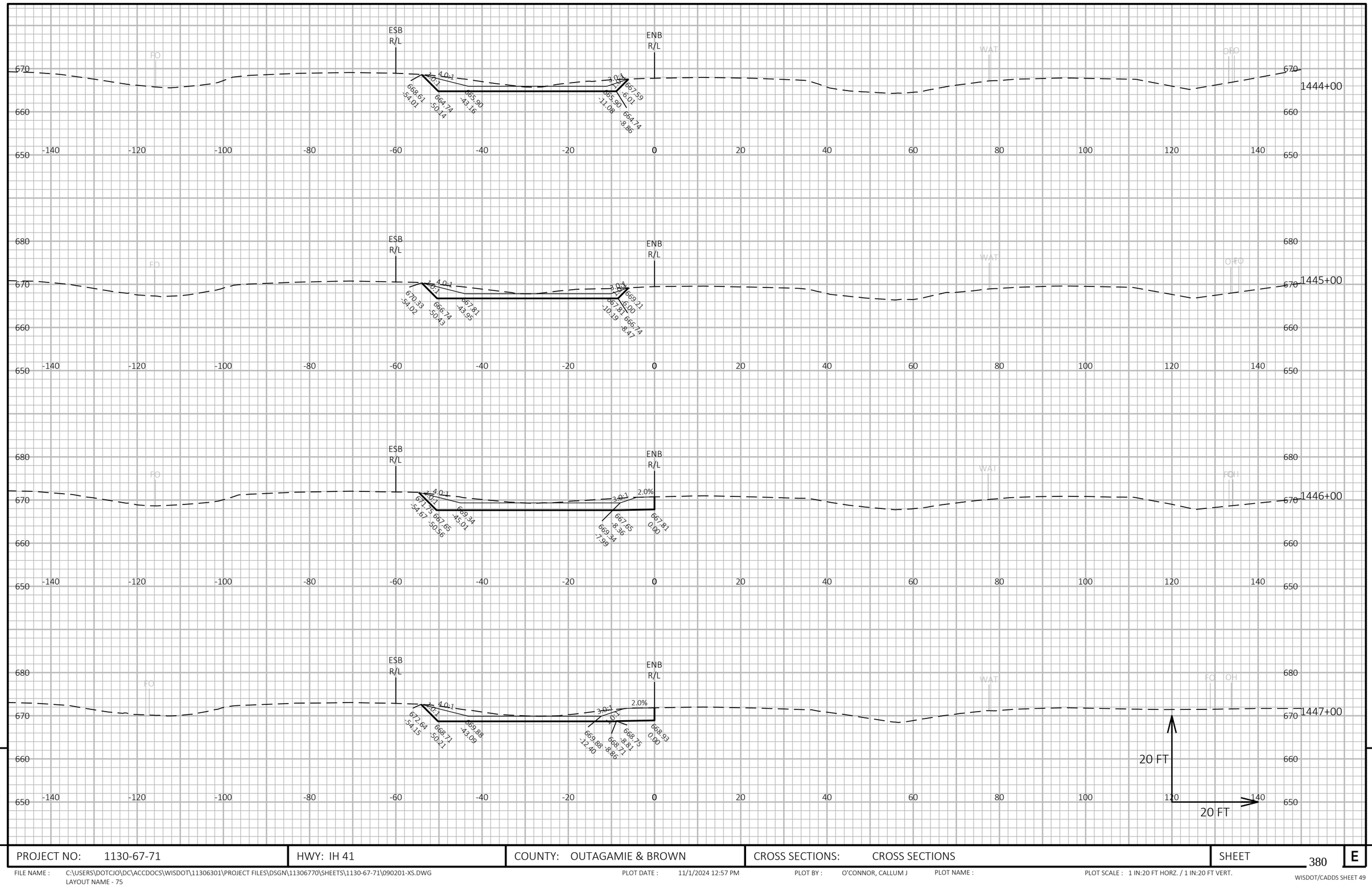
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 379	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 74

PLOT DATE : 11/1/2024 12:57 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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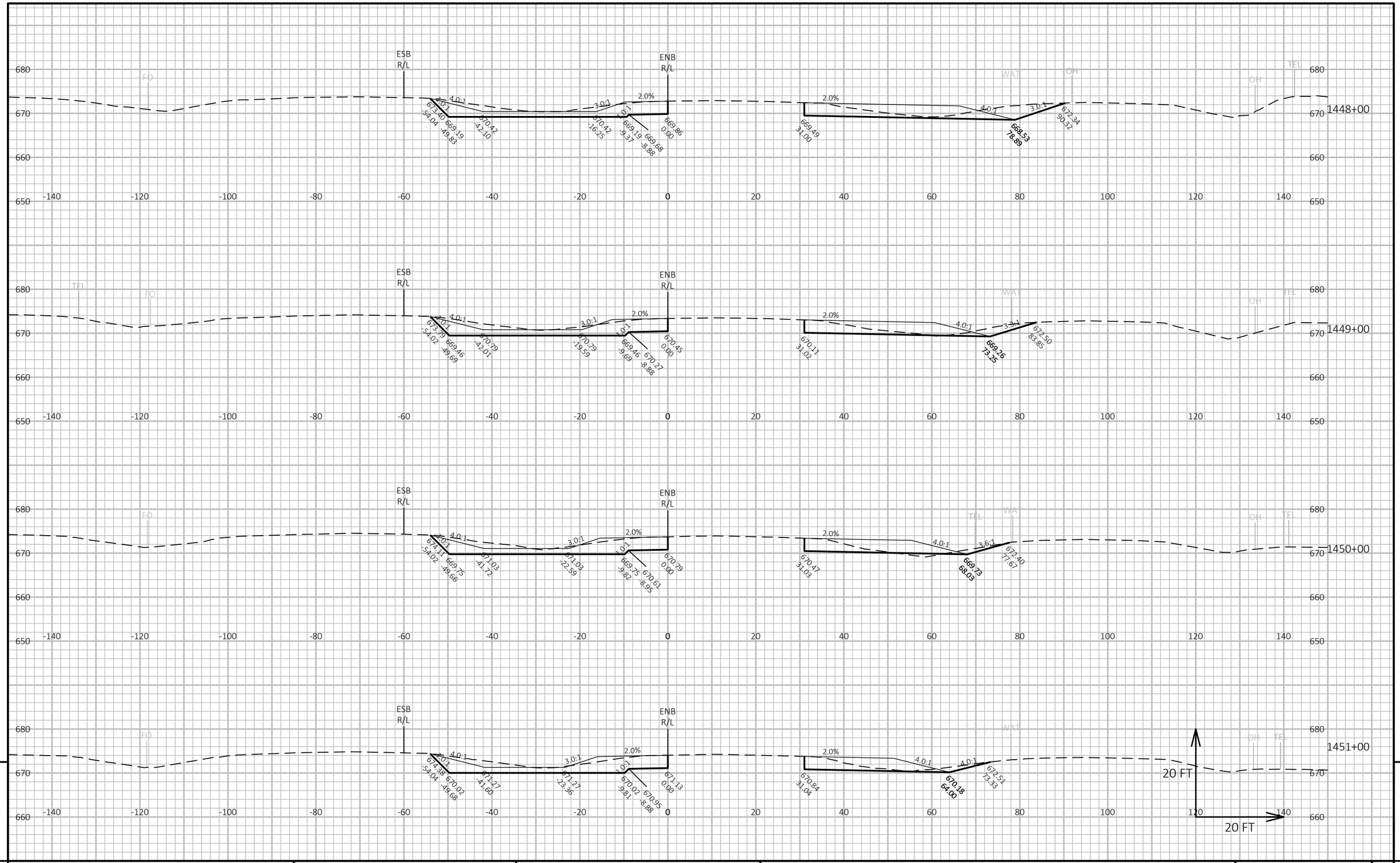
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 380	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 75

PLOT DATE : 11/1/2024 12:57 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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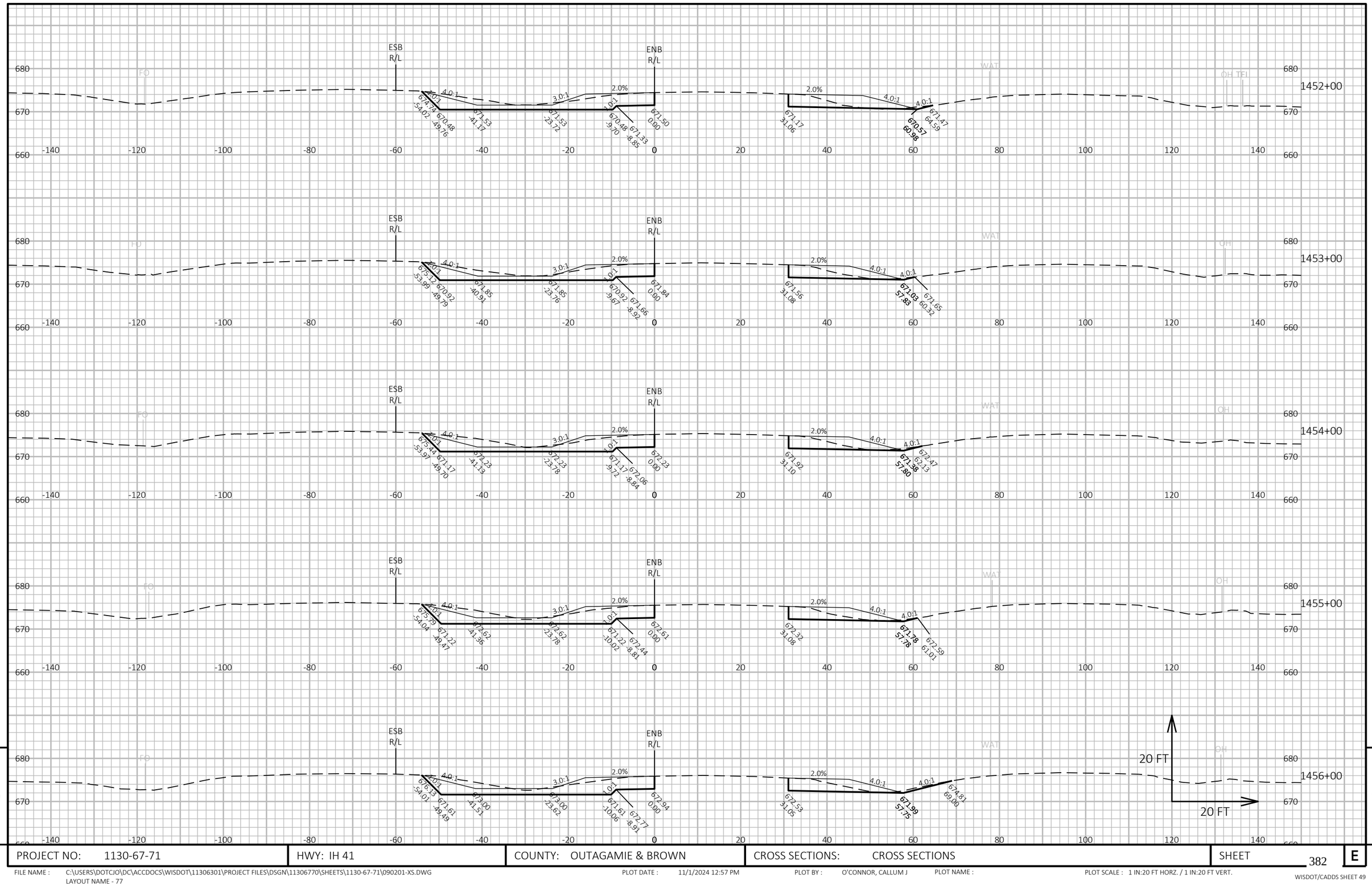
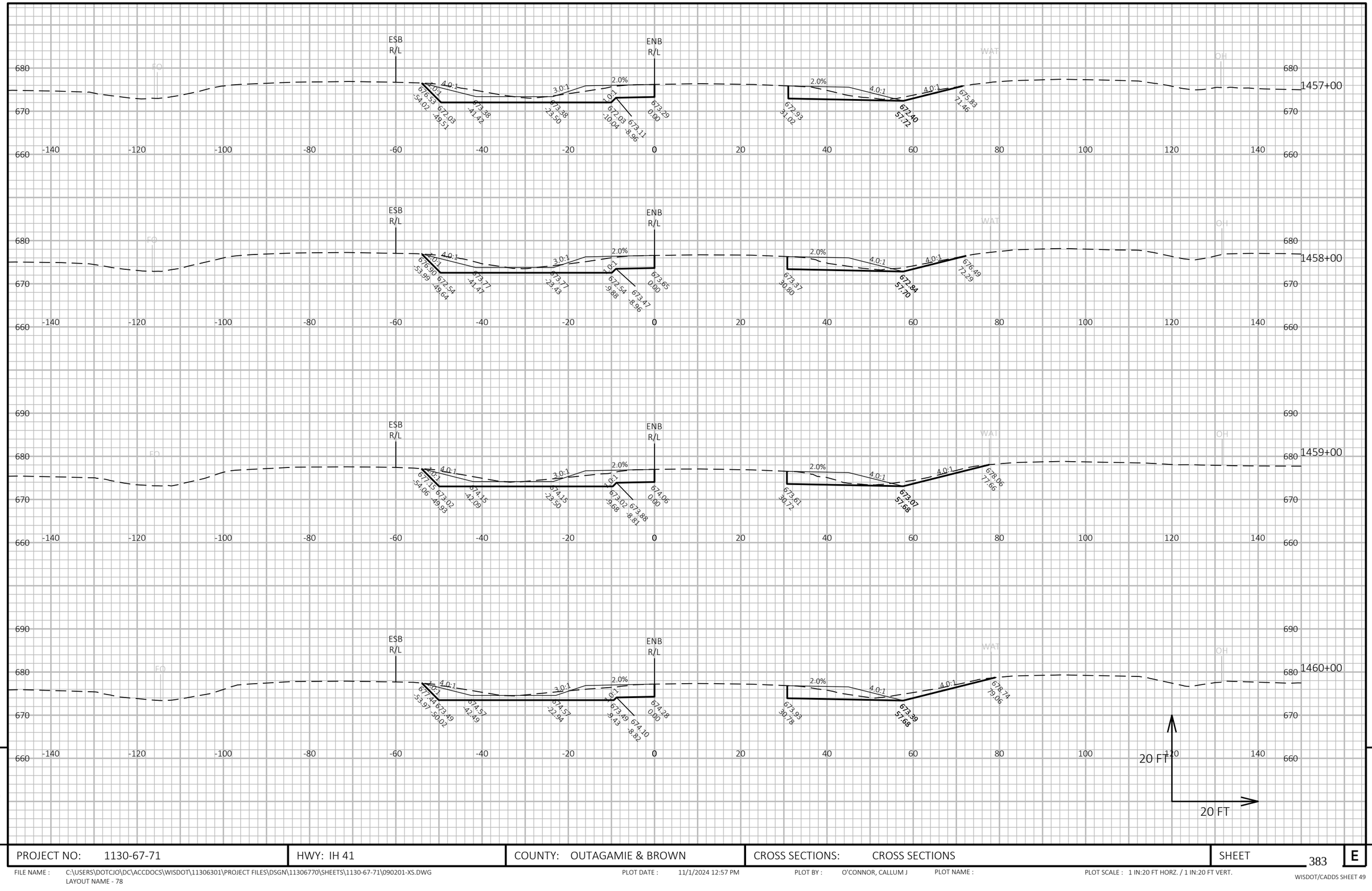
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 381	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 76
PLOT DATE : 11/1/2024 12:57 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 382	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 77
PLOT DATE : 11/1/2024 12:57 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

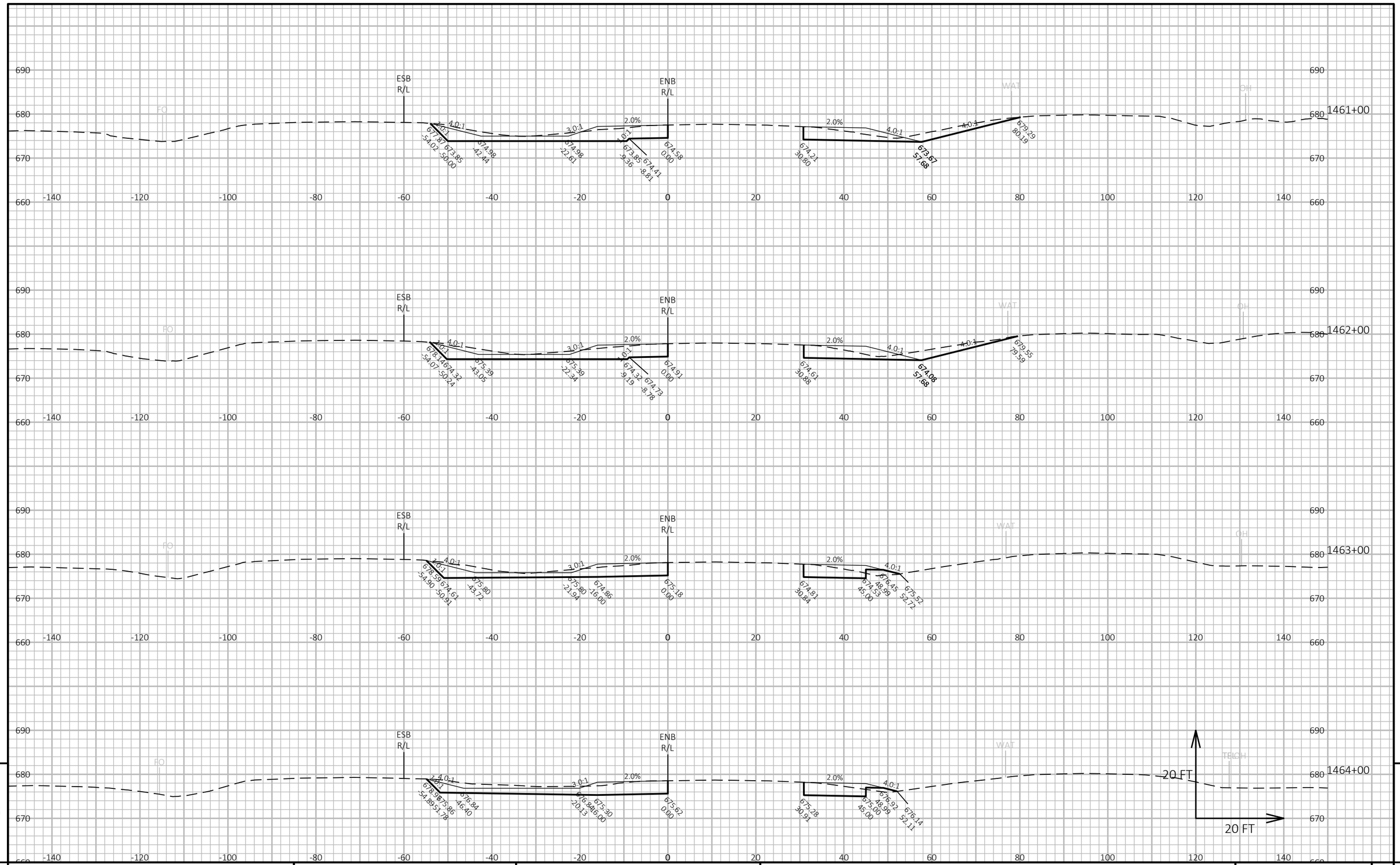


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 383 E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 78

PLOT DATE : 11/1/2024 12:57 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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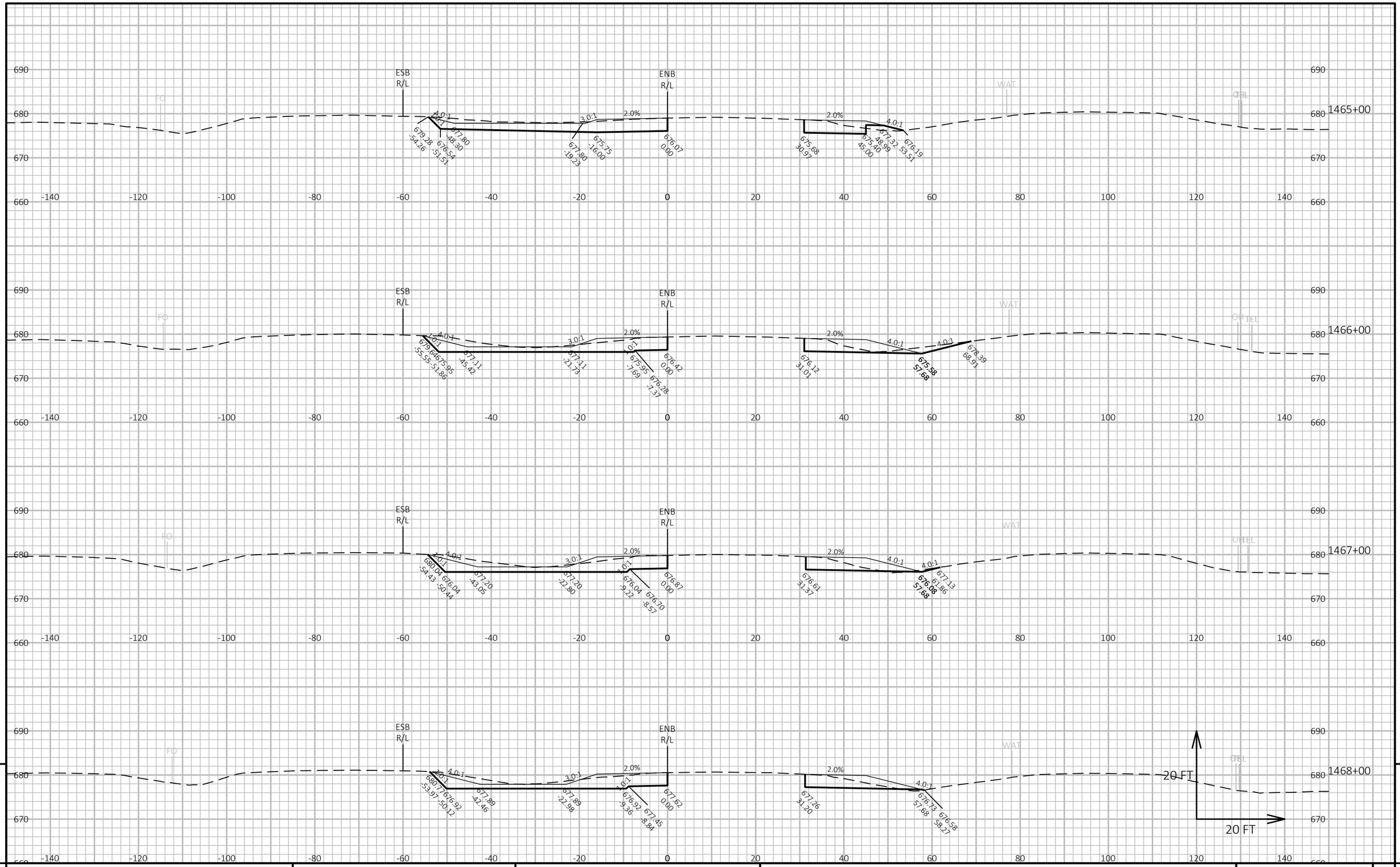
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 384	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 79

PLOT DATE : 11/1/2024 12:57 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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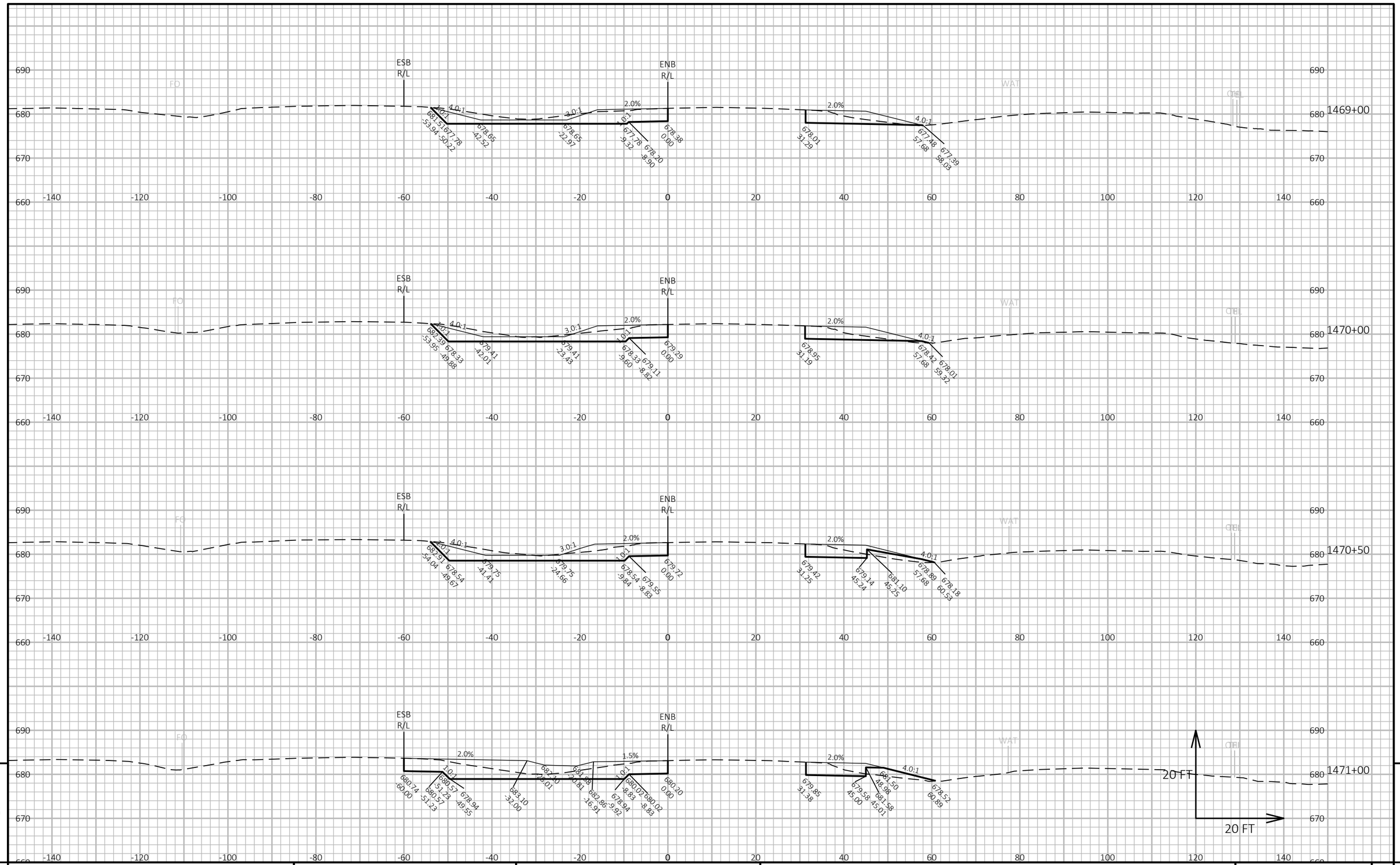
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 385	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 80

PLOT DATE : 11/1/2024 12:57 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 386	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 81

PLOT DATE : 12/23/2024 5:20 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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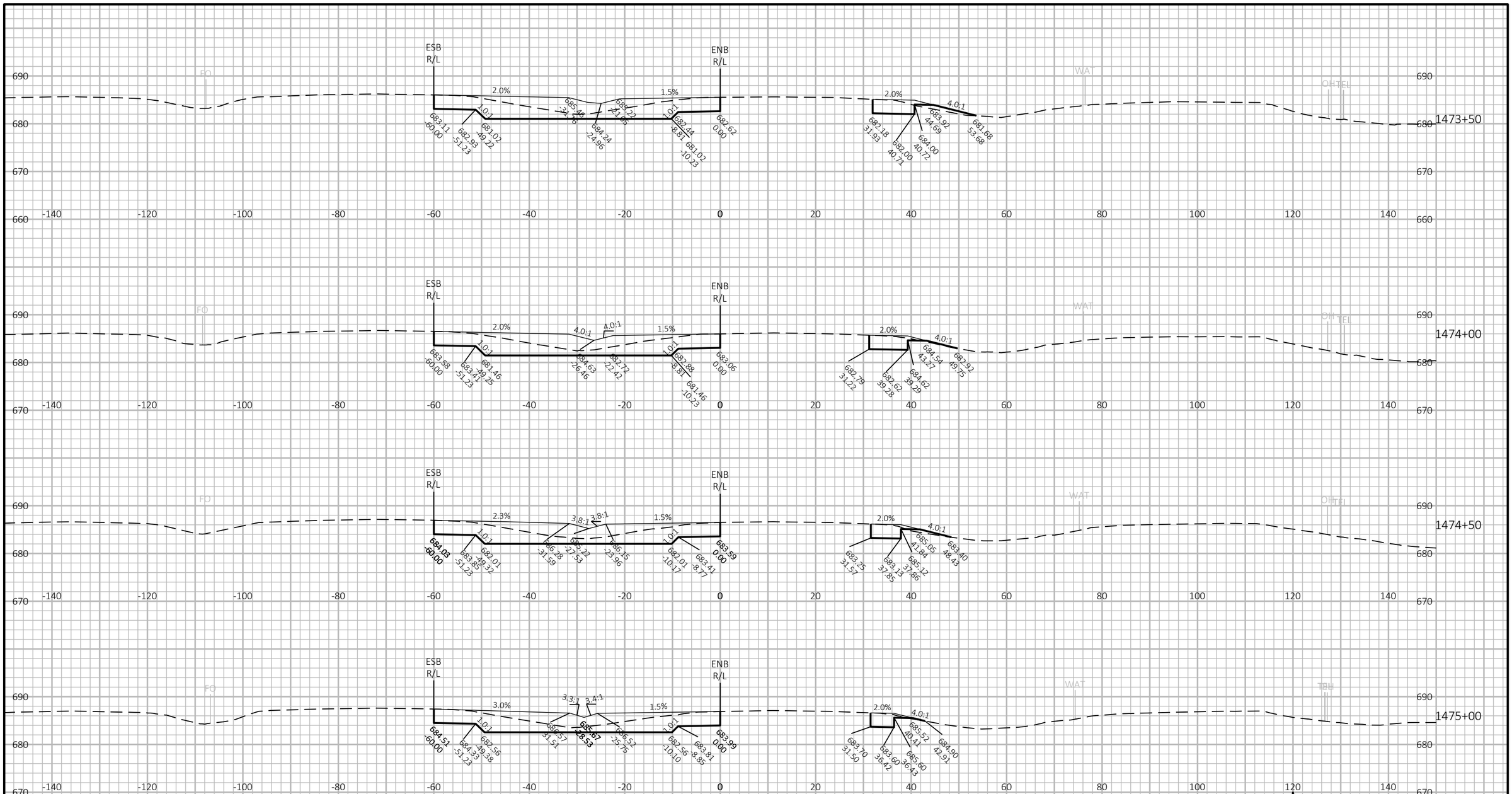
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 387	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 82

PLOT DATE : 12/23/2024 5:20 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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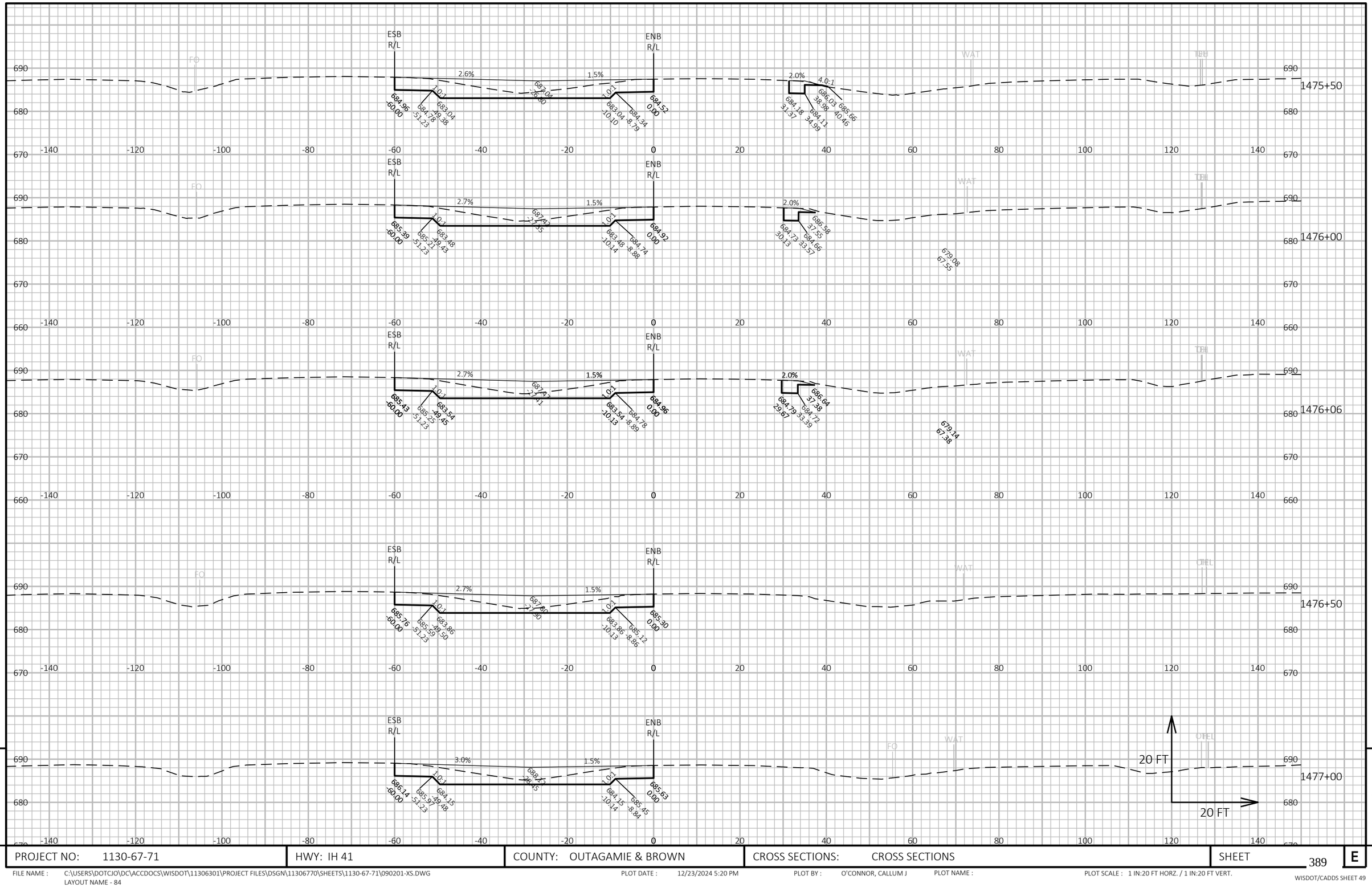
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 388	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 83

PLOT DATE : 12/23/2024 5:20 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

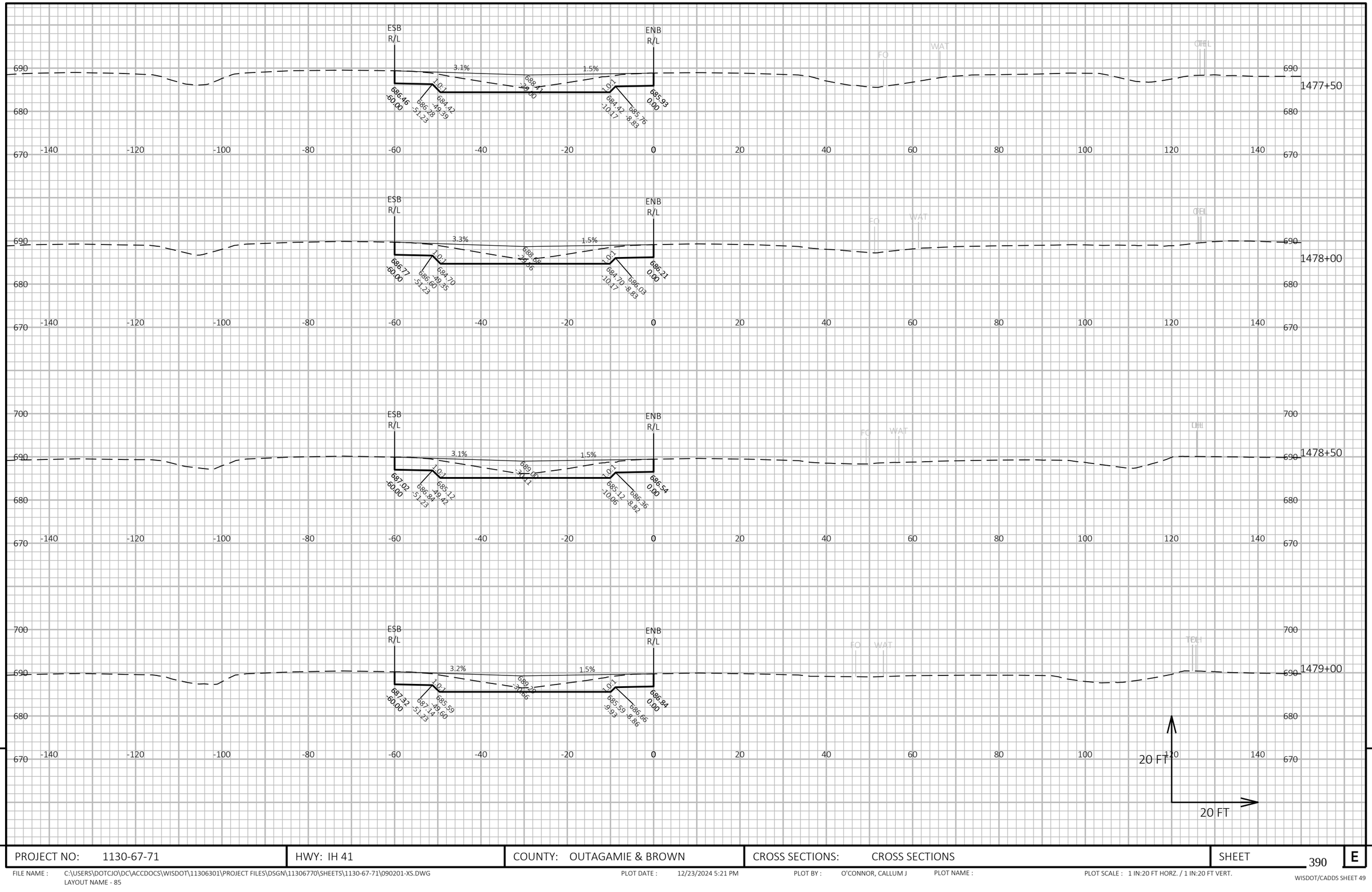


PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 389	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 84

PLOT DATE : 12/23/2024 5:20 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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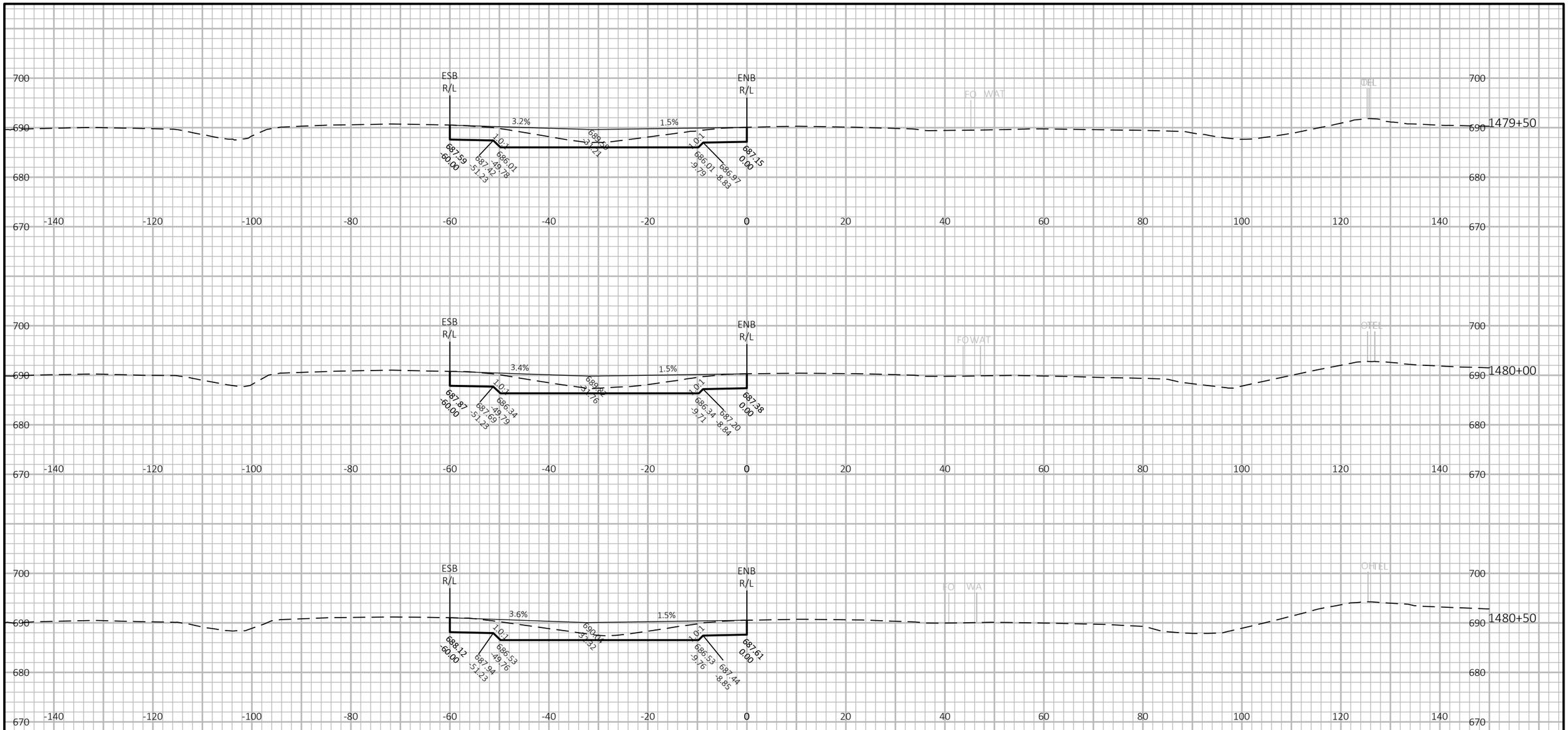
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 390	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 85
PLOT DATE : 12/23/2024 5:21 PM
PLOT BY : O'CONNOR, CALLUM J
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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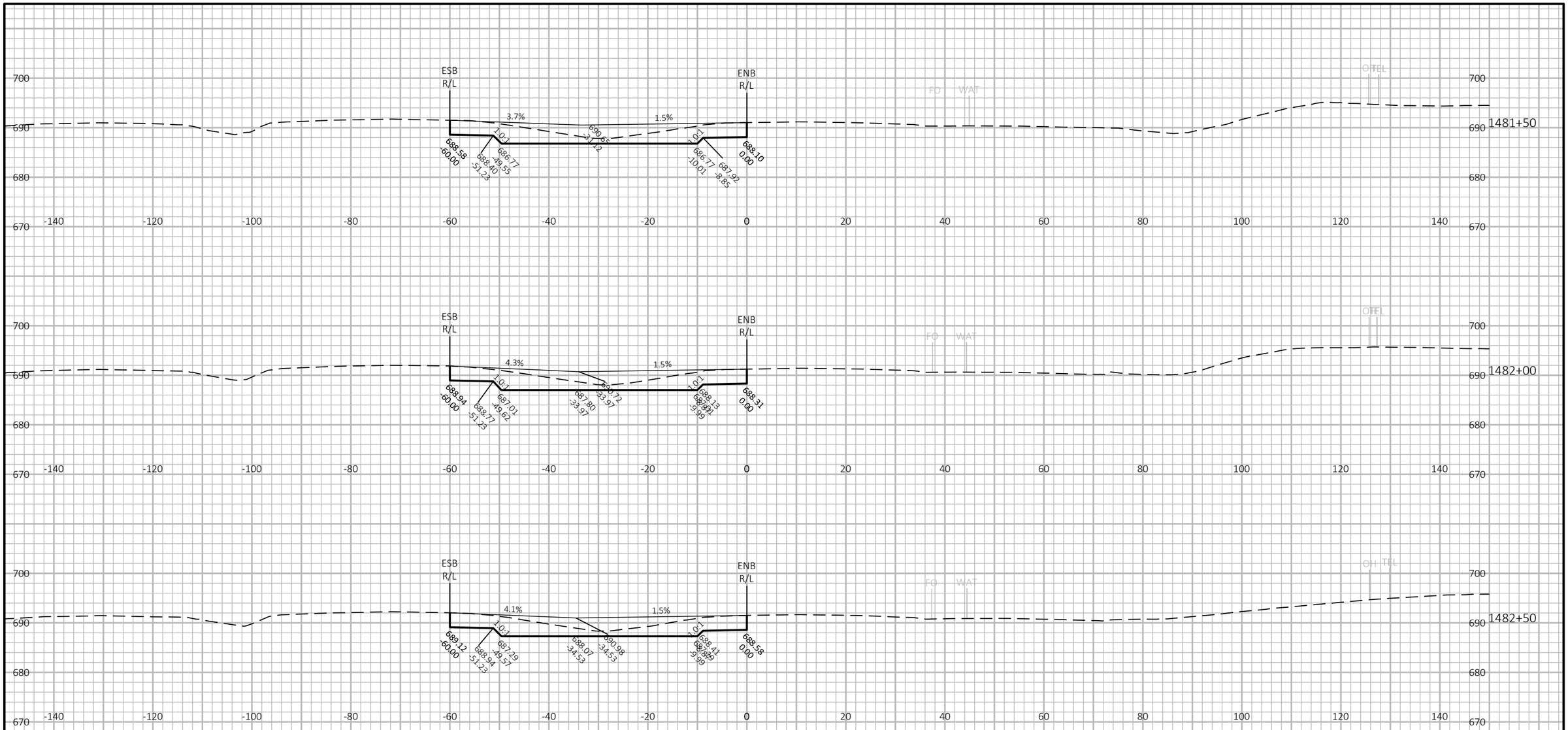
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 391	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 86

PLOT DATE : 12/23/2024 5:21 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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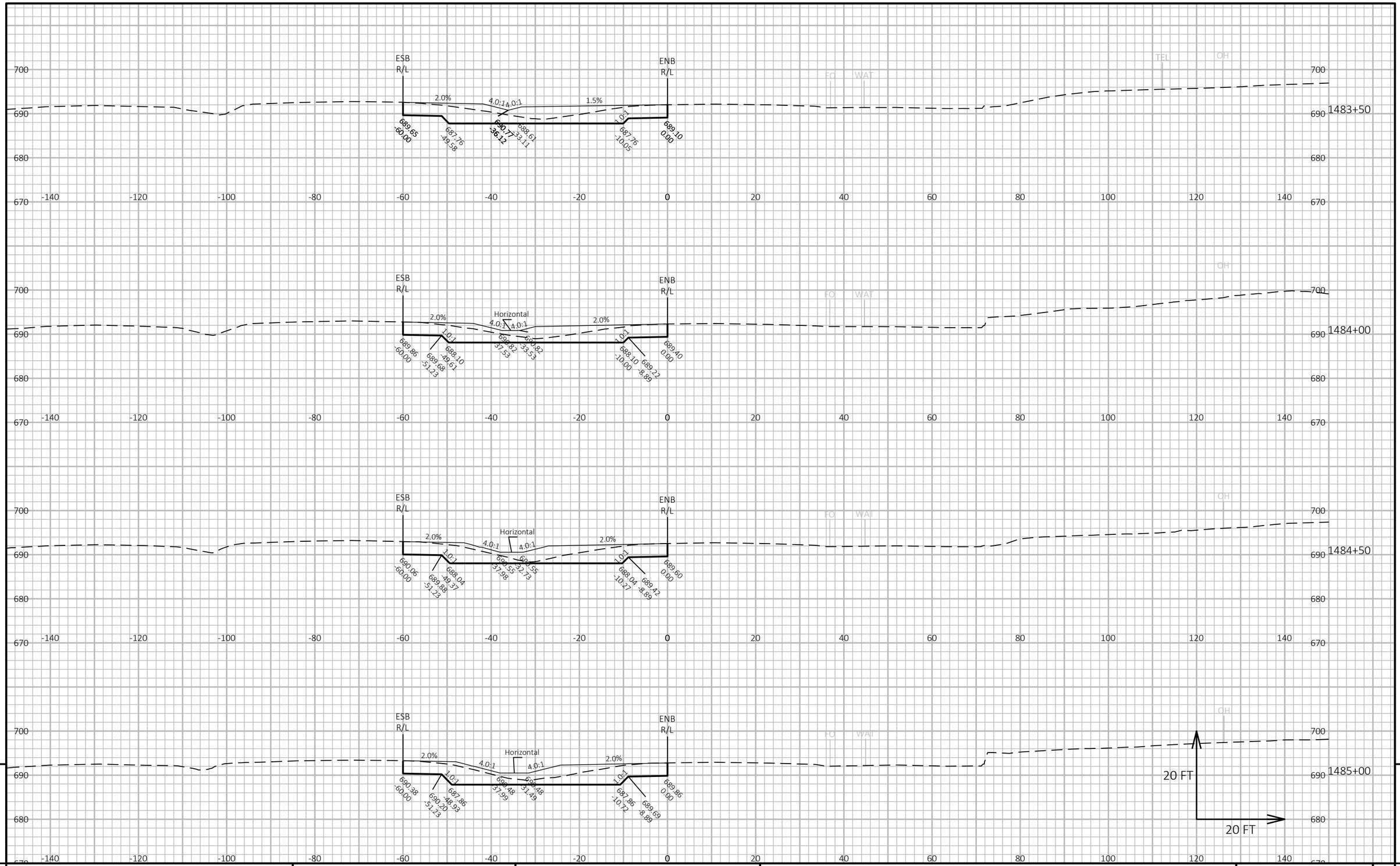
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 392	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 87

PLOT DATE : 12/23/2024 5:21 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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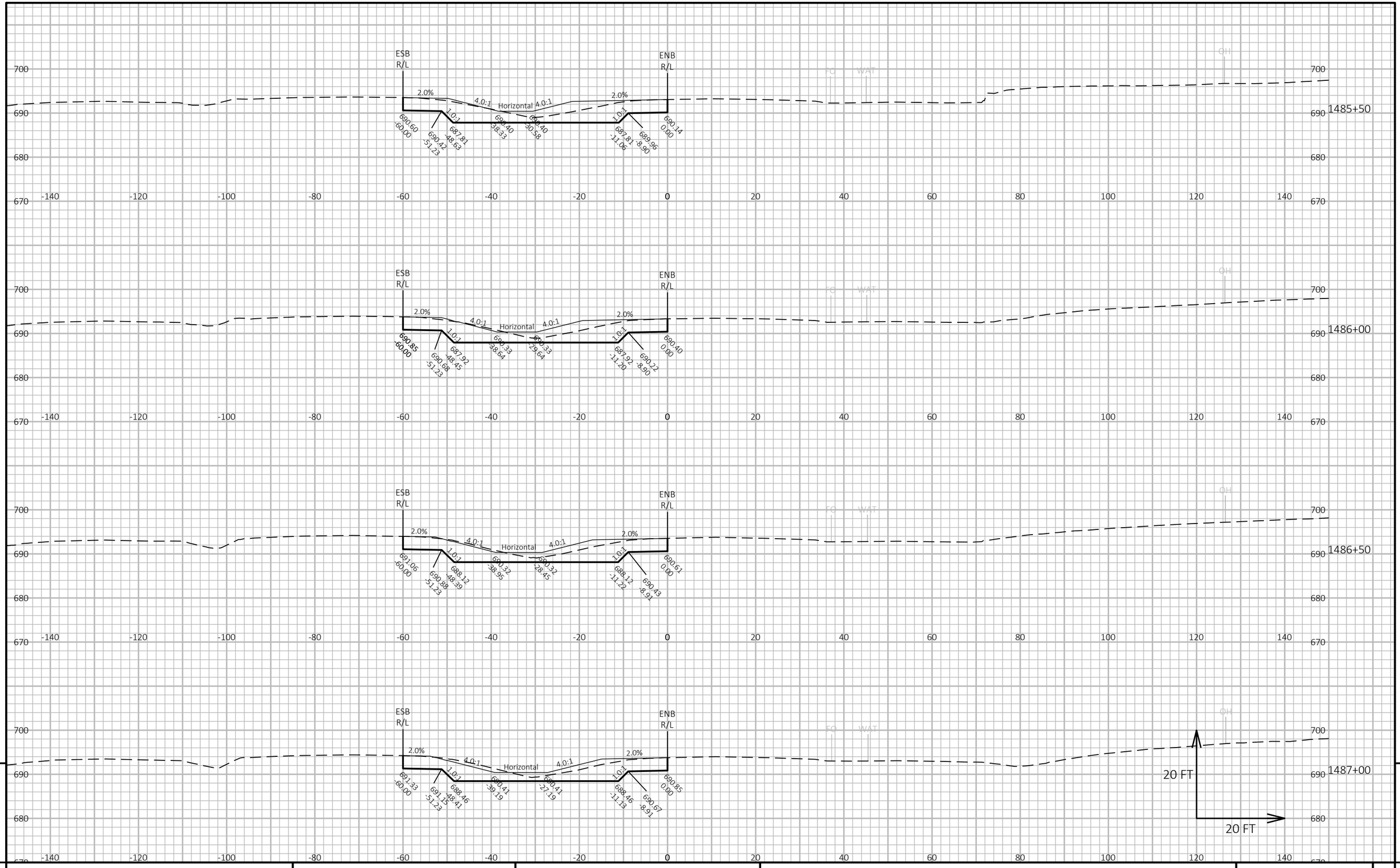
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 393	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 88

PLOT DATE : 12/23/2024 5:22 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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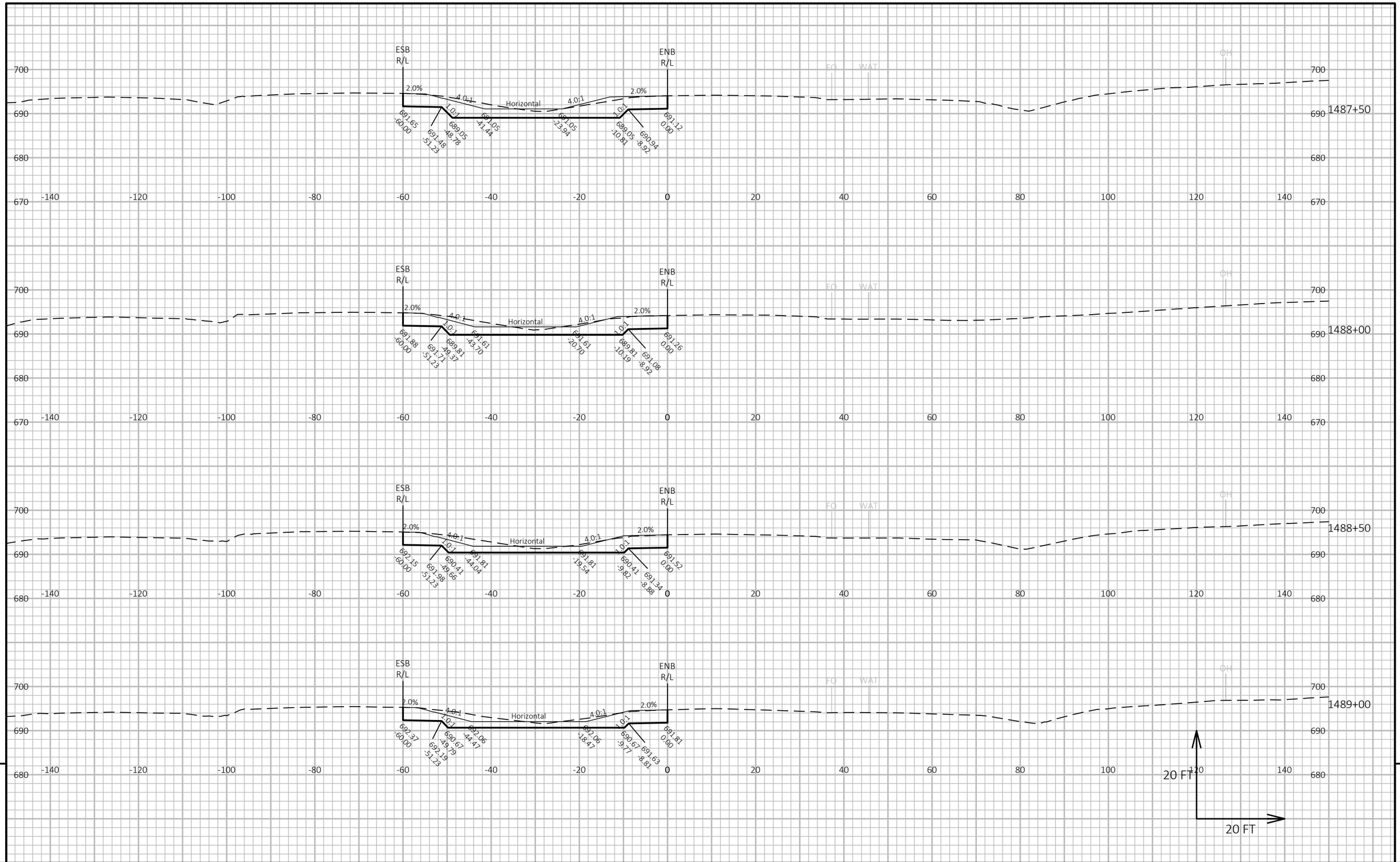
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 394	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 89

PLOT DATE : 12/23/2024 5:22 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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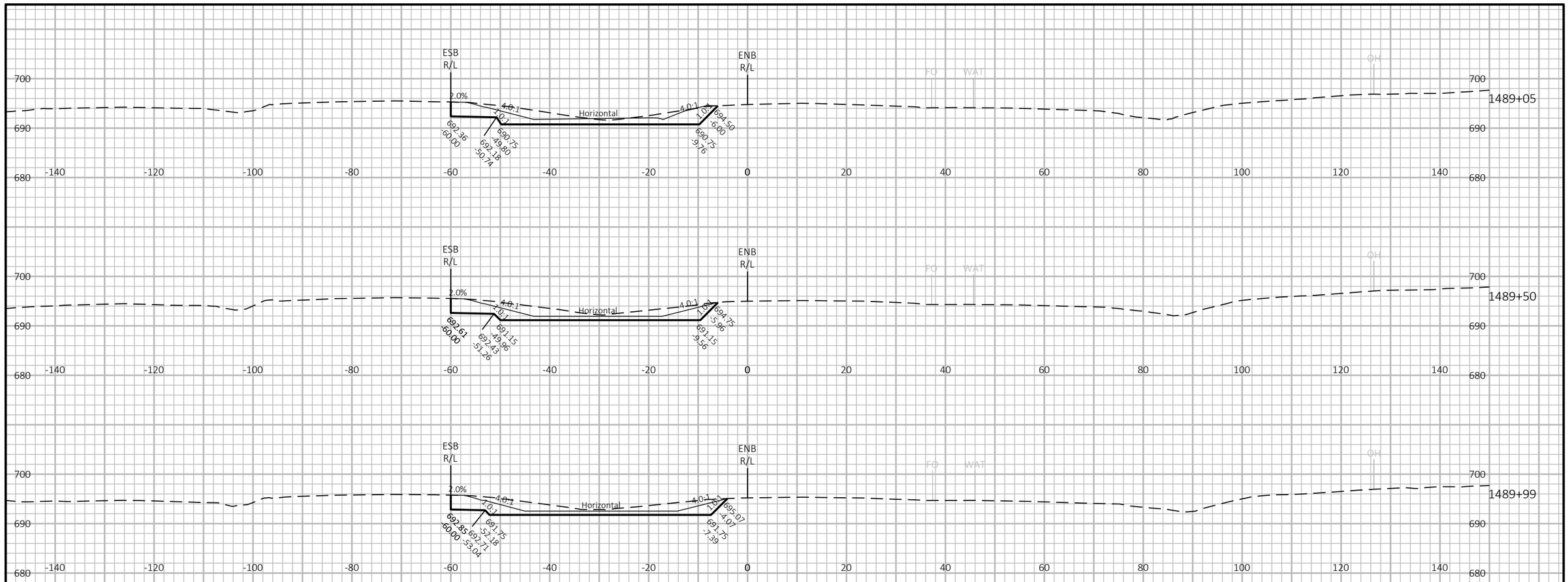
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 395	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 90

PLOT DATE : 12/23/2024 5:22 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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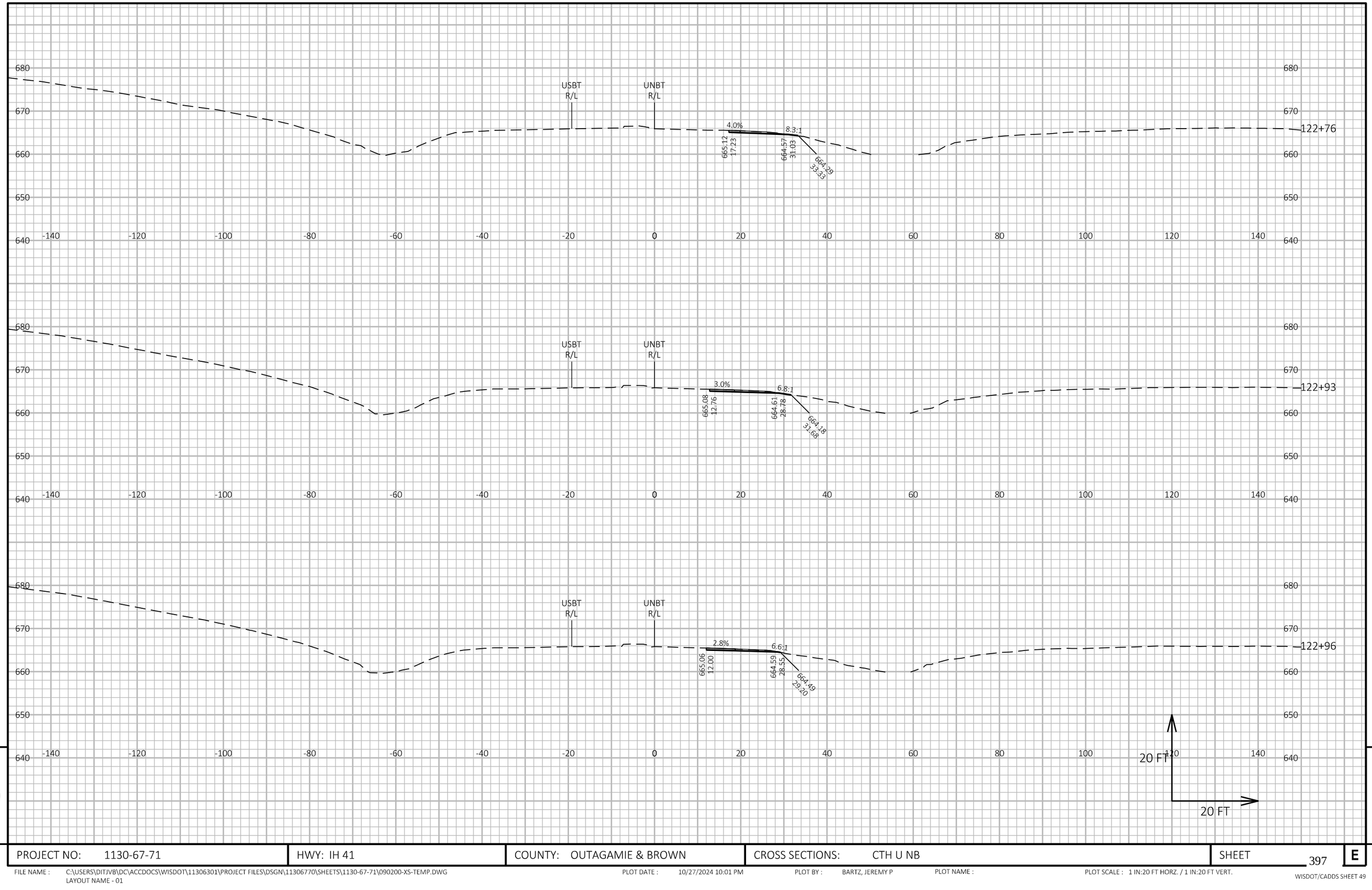
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 396	E

FILE NAME : C:\USERS\DOTCJO\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090201-XS.DWG
LAYOUT NAME - 91

PLOT DATE : 12/23/2024 5:23 PM PLOT BY : O'CONNOR, CALLUM J PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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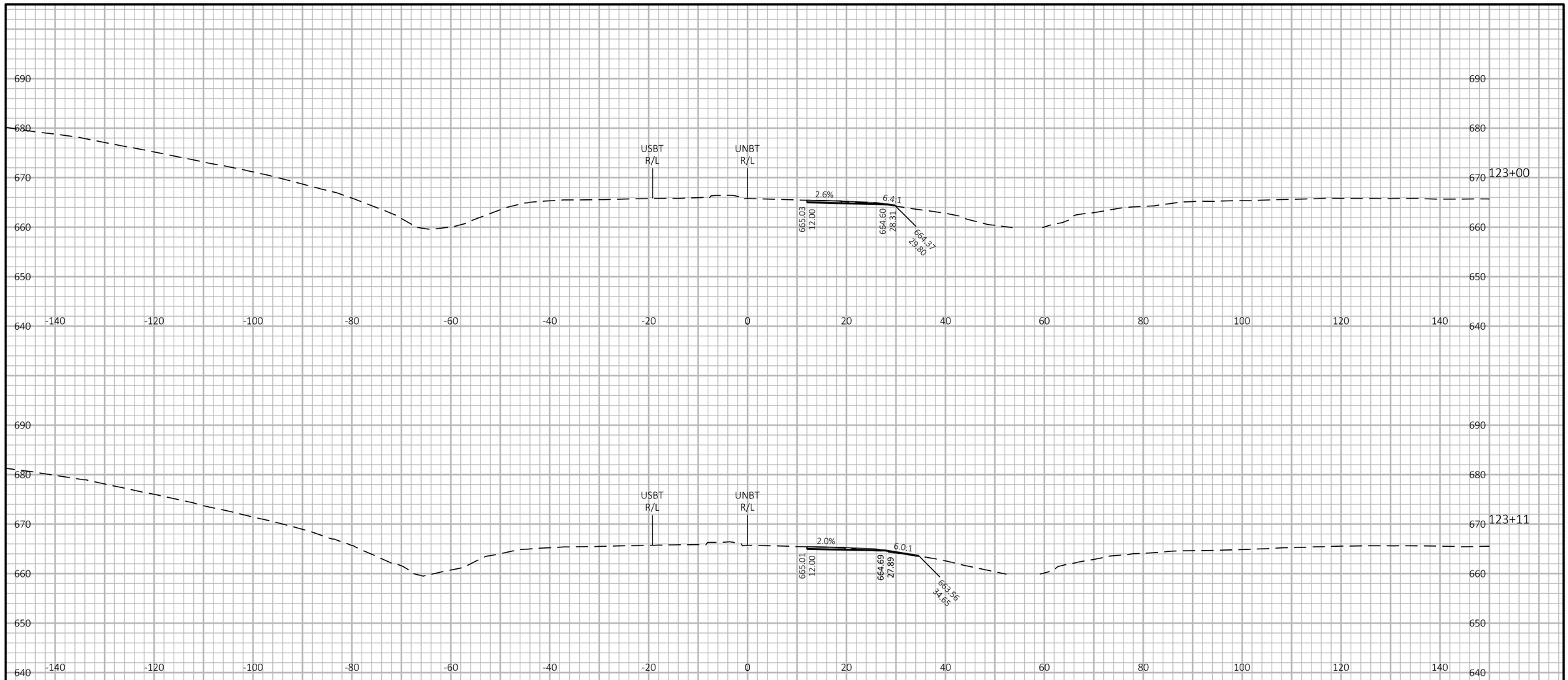
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 397	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 01

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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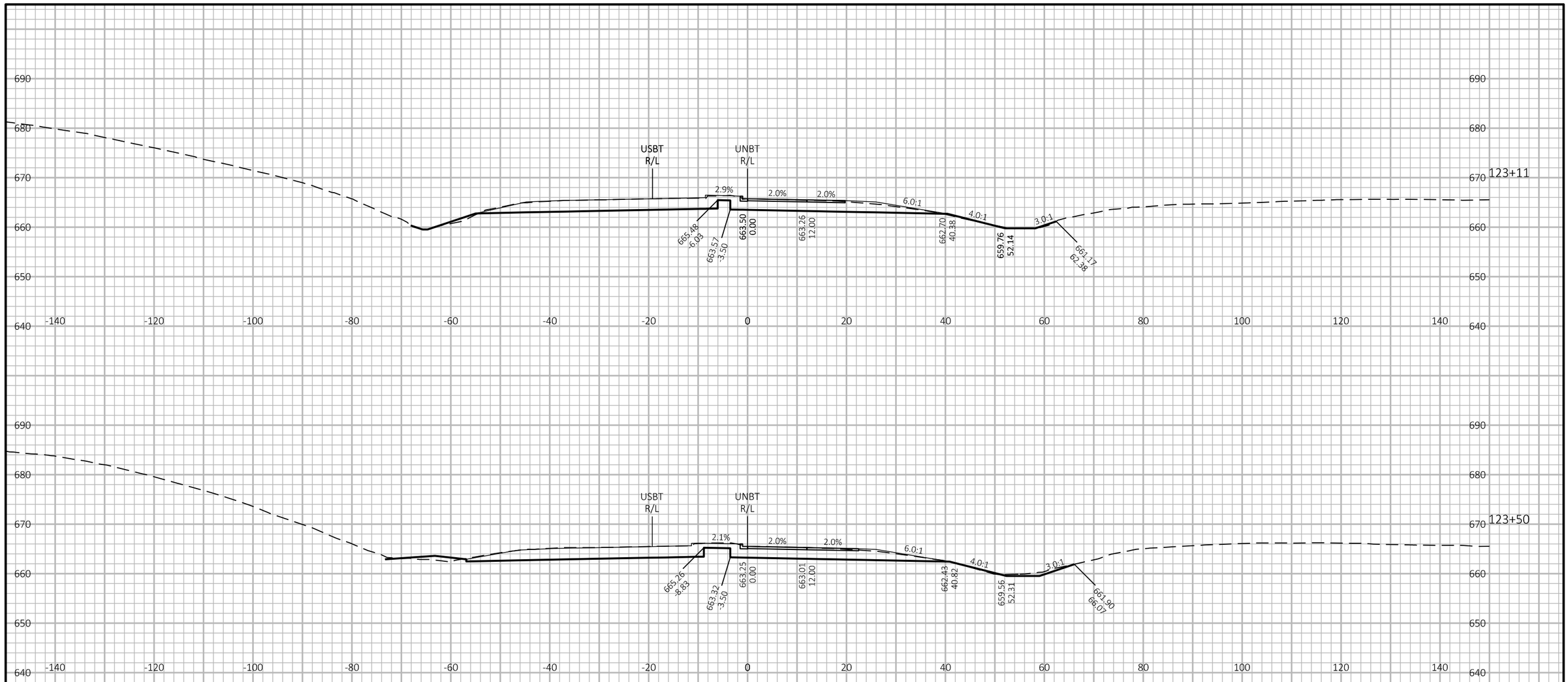
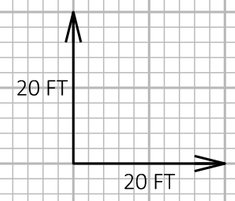
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 398	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 02

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49





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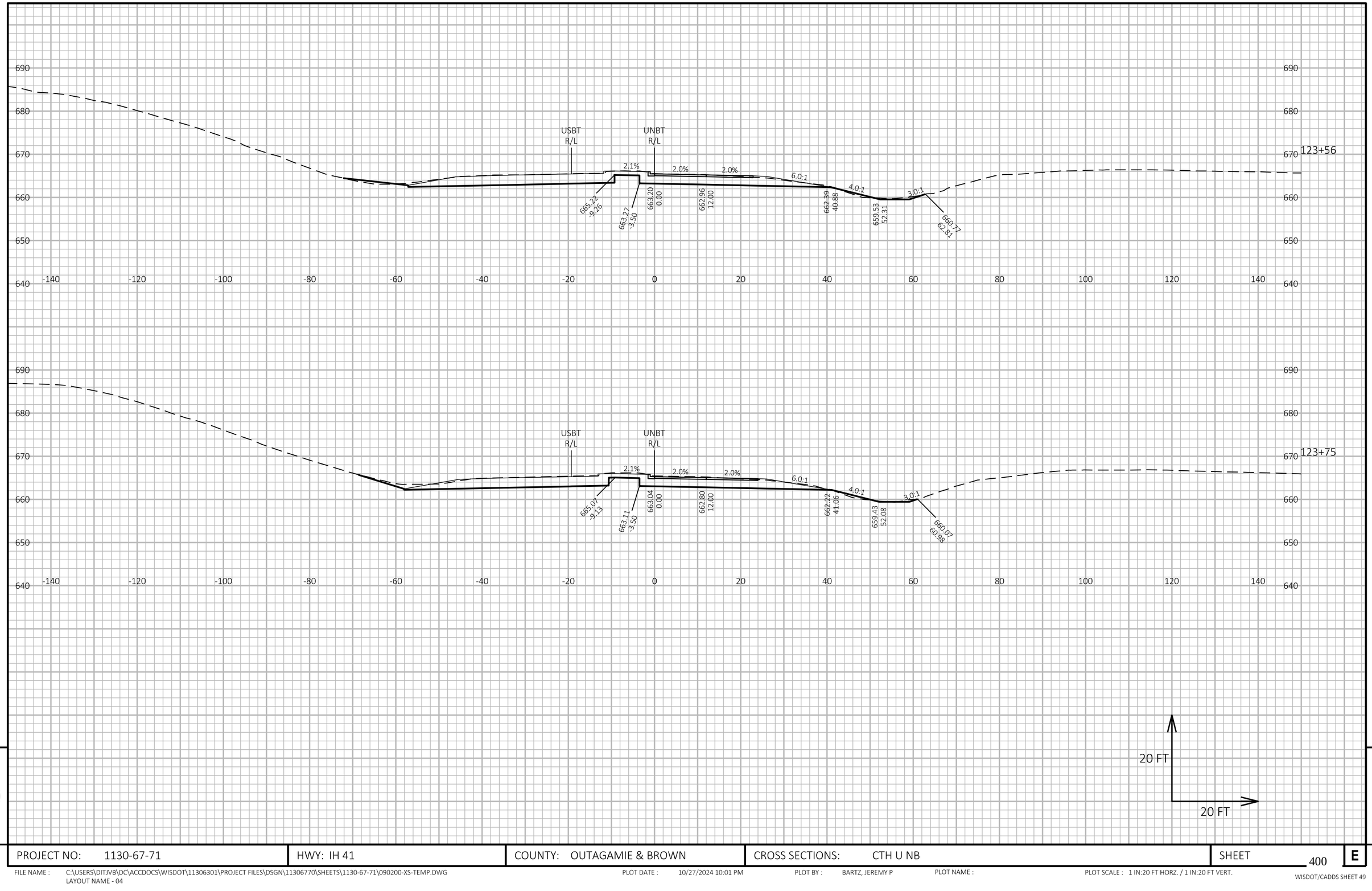
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 399	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 03

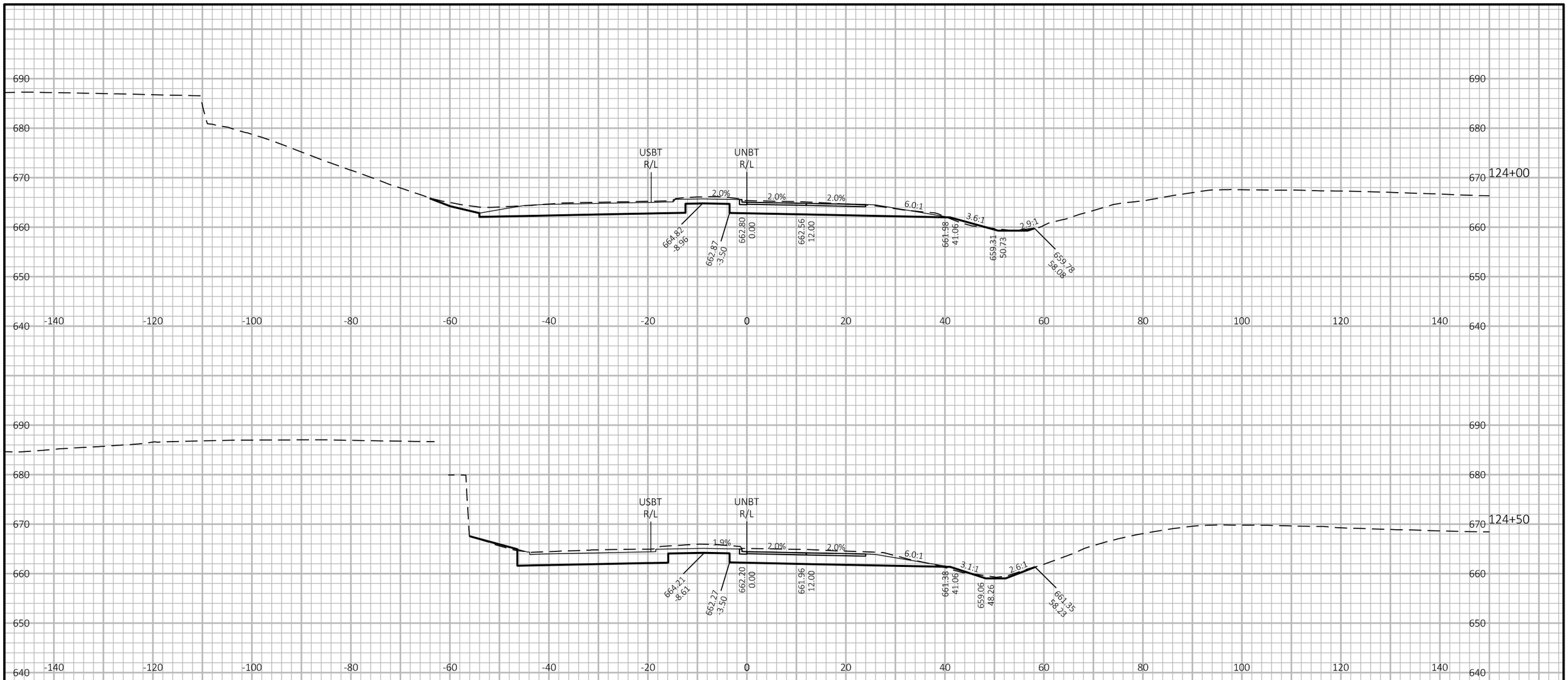
PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 400	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 04
PLOT DATE : 10/27/2024 10:01 PM
PLOT BY : BARTZ, JEREMY P
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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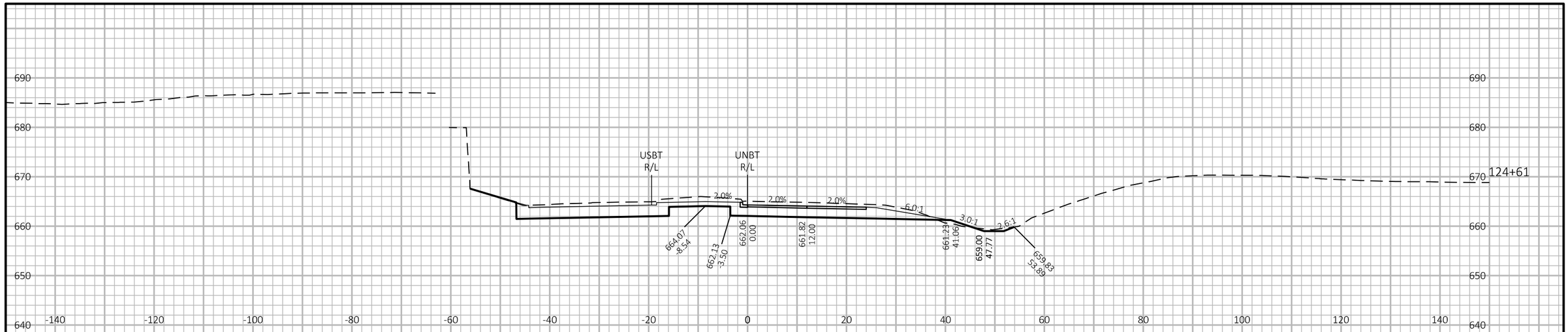
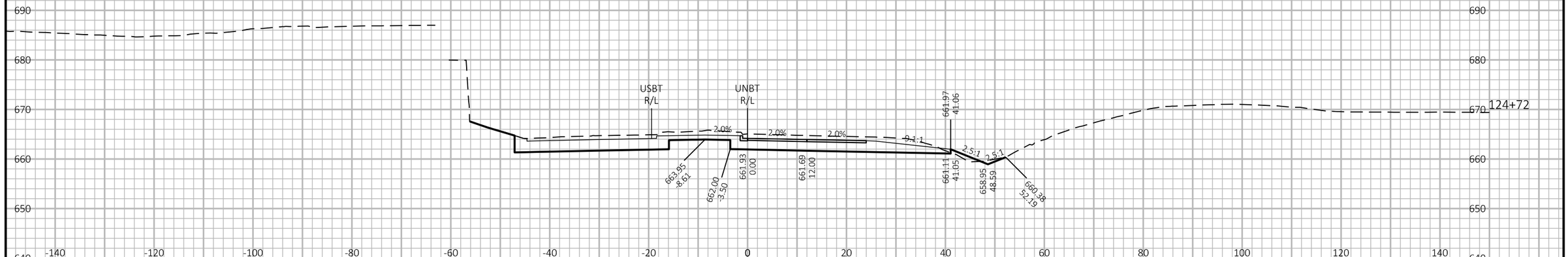
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 401	E

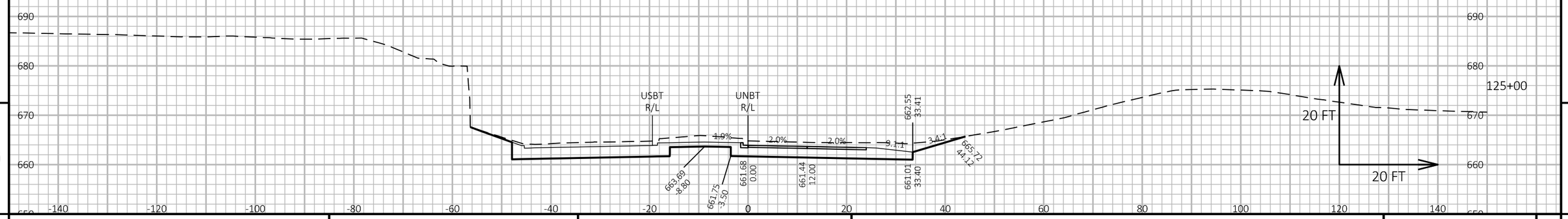
FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 05

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49







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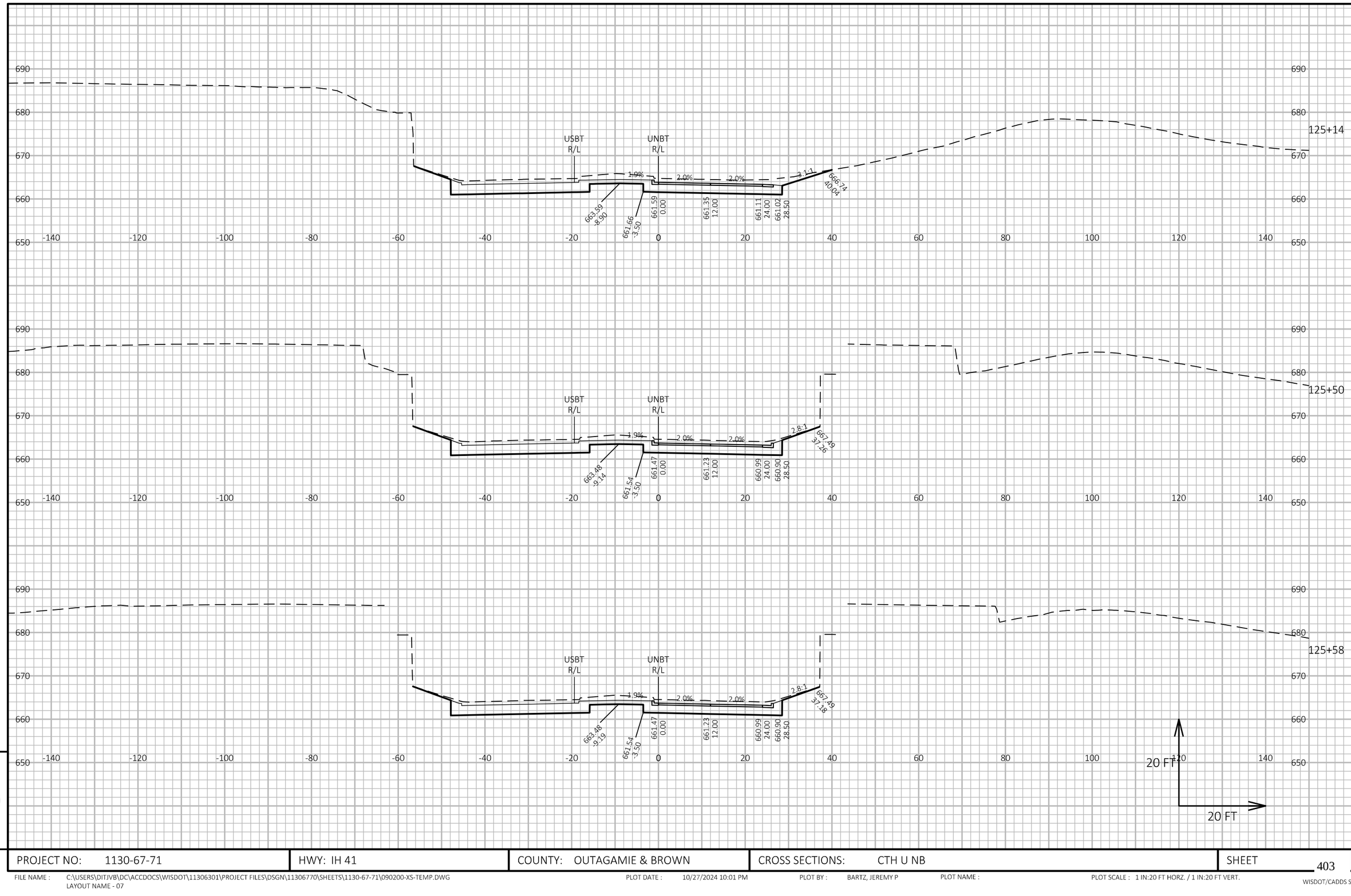
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 402	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 06

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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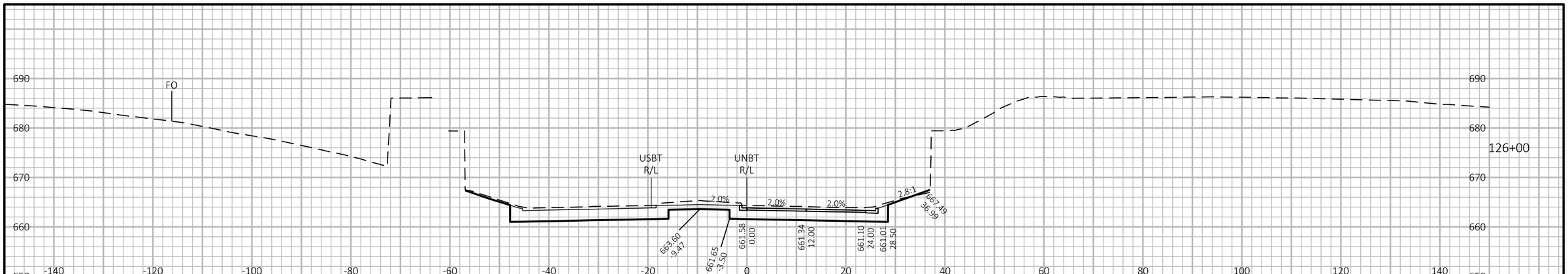
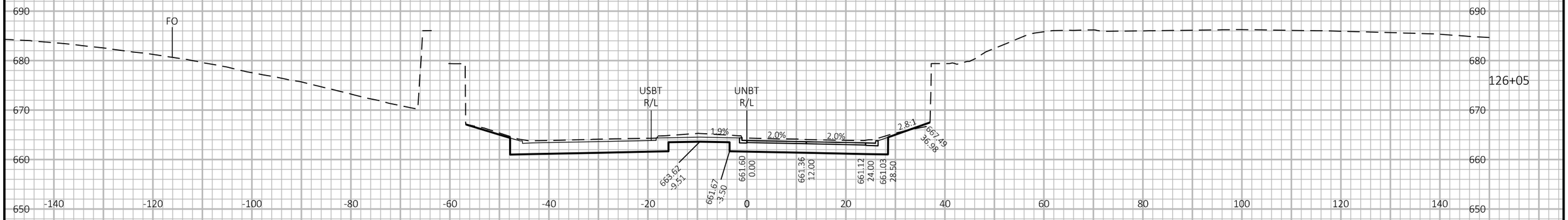
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 403	E

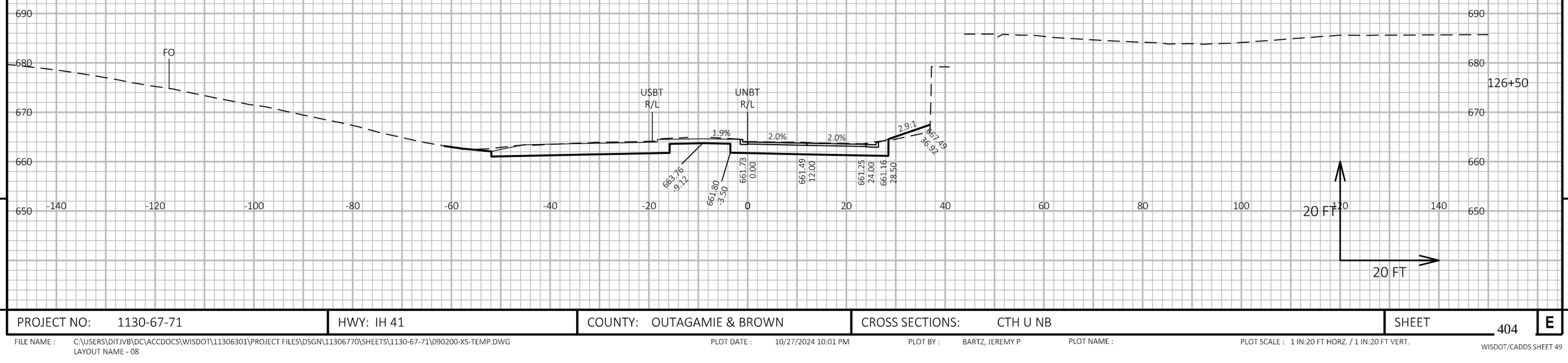
FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 07

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49







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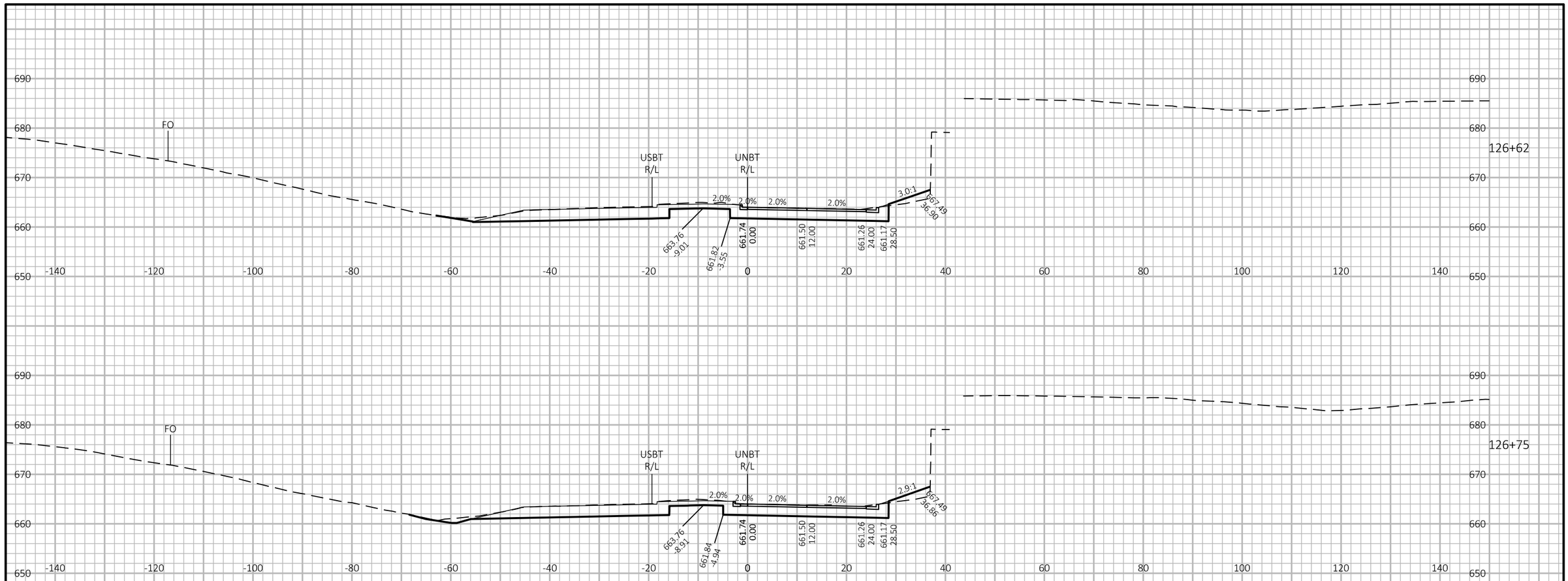
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 404	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 08

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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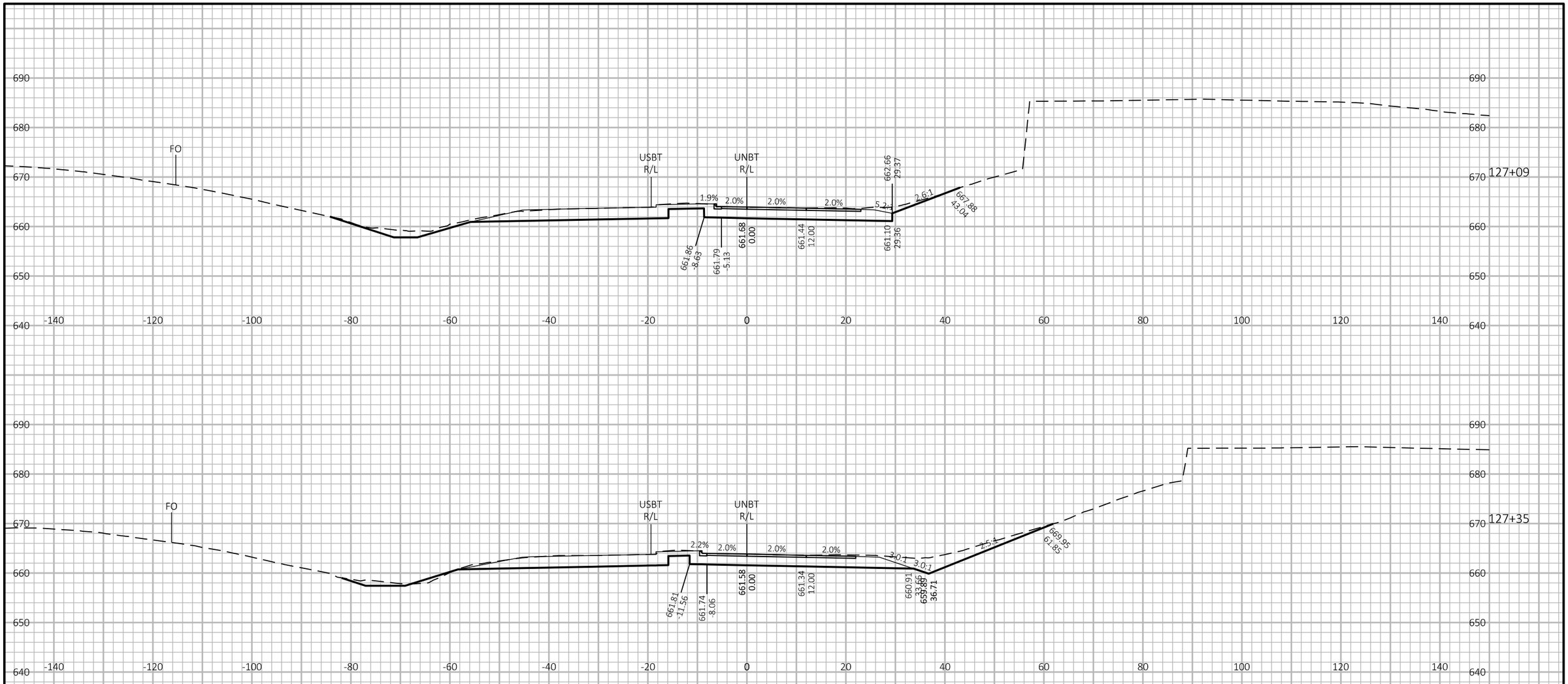
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 405	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 09

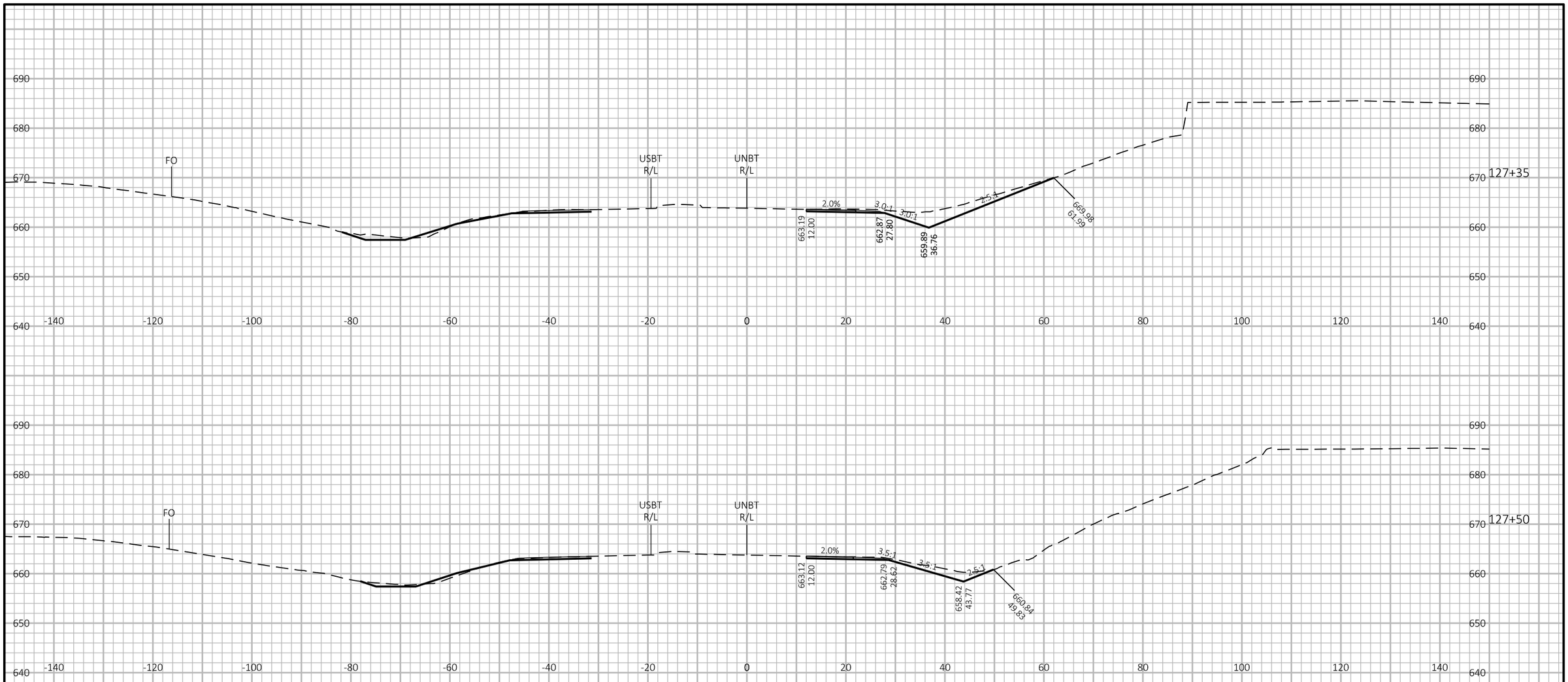
PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 406	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 10
PLOT DATE : 10/27/2024 10:01 PM
PLOT BY : BARTZ, JEREMY P
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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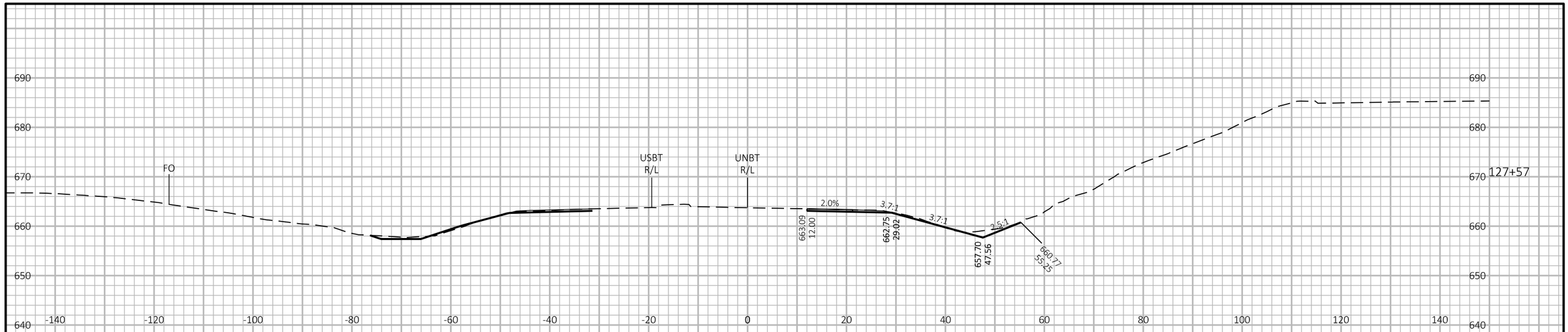
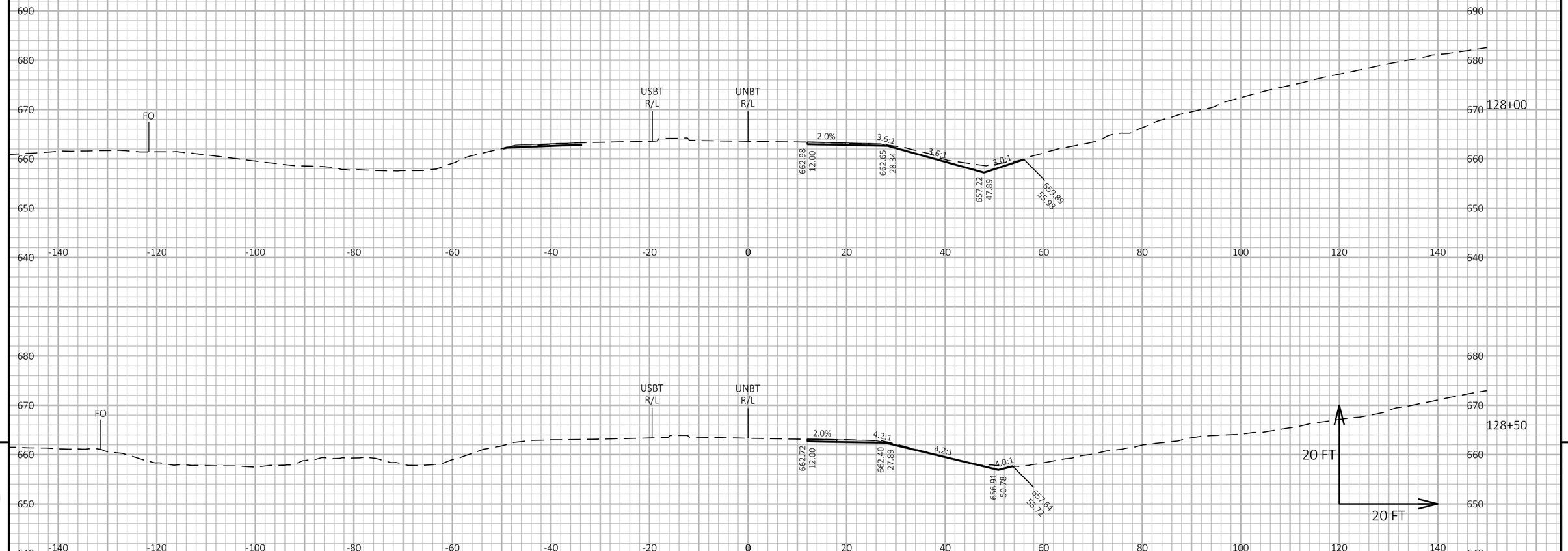
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 407	E

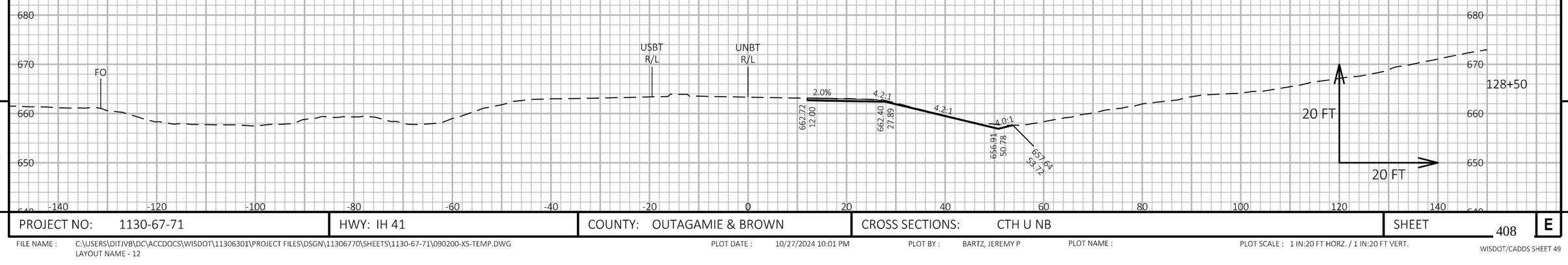
FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 11

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49







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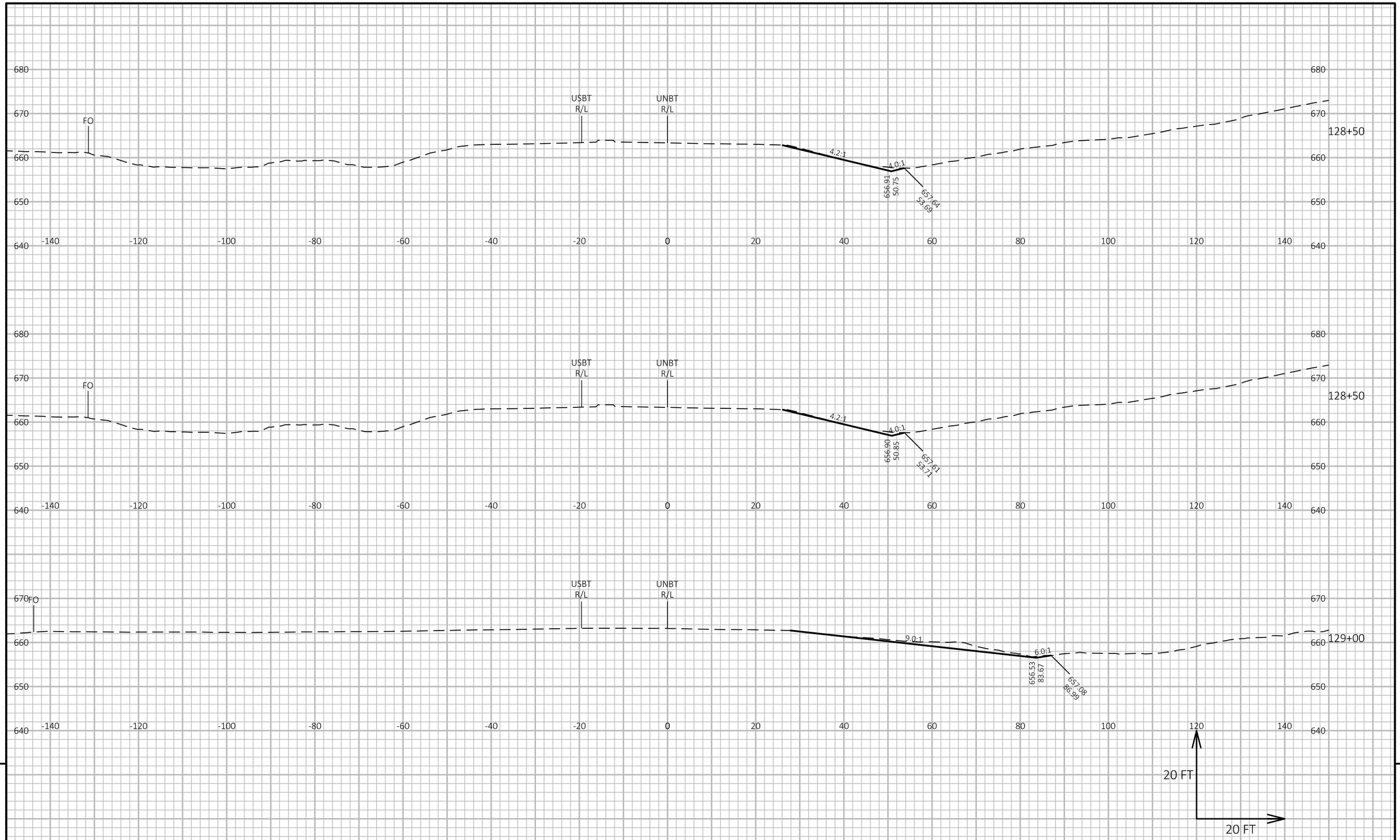
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 408	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 12

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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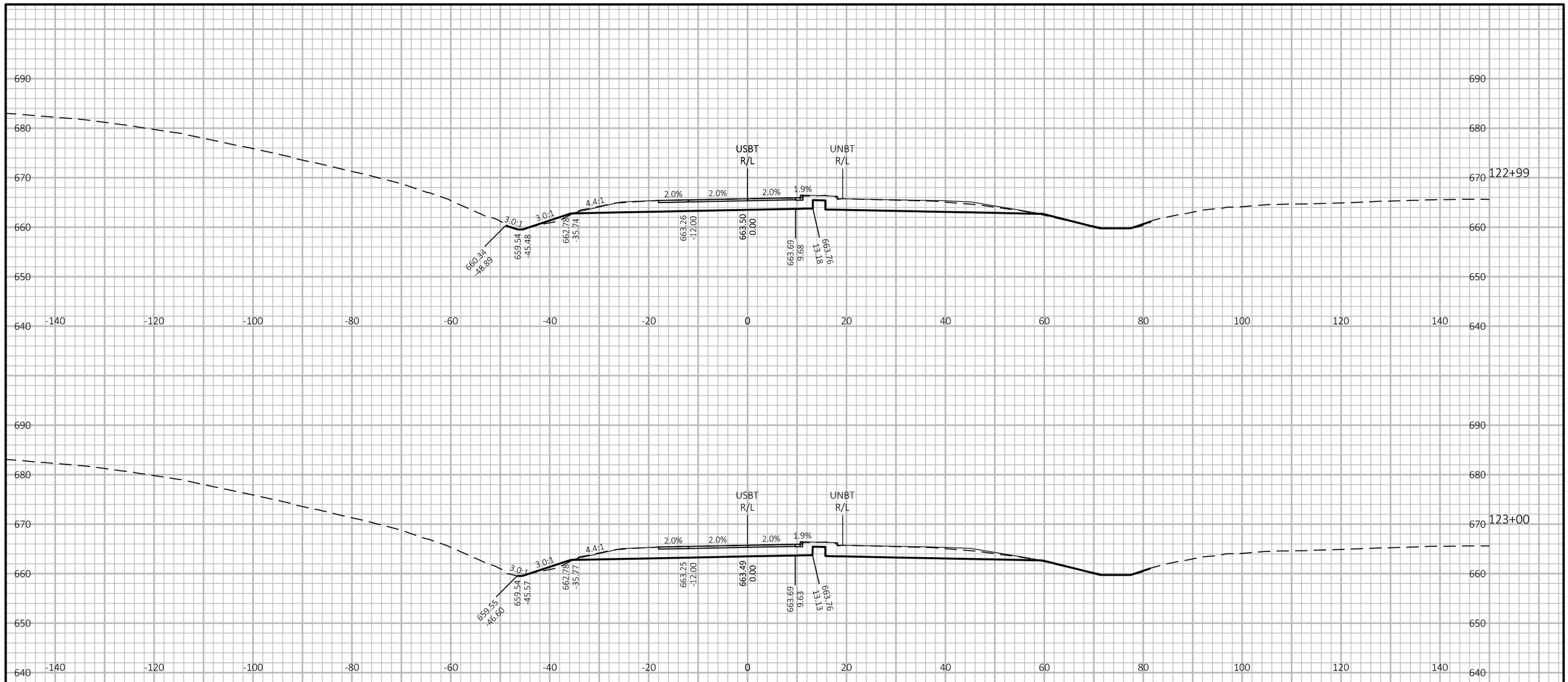
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U NB	SHEET 409	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 13

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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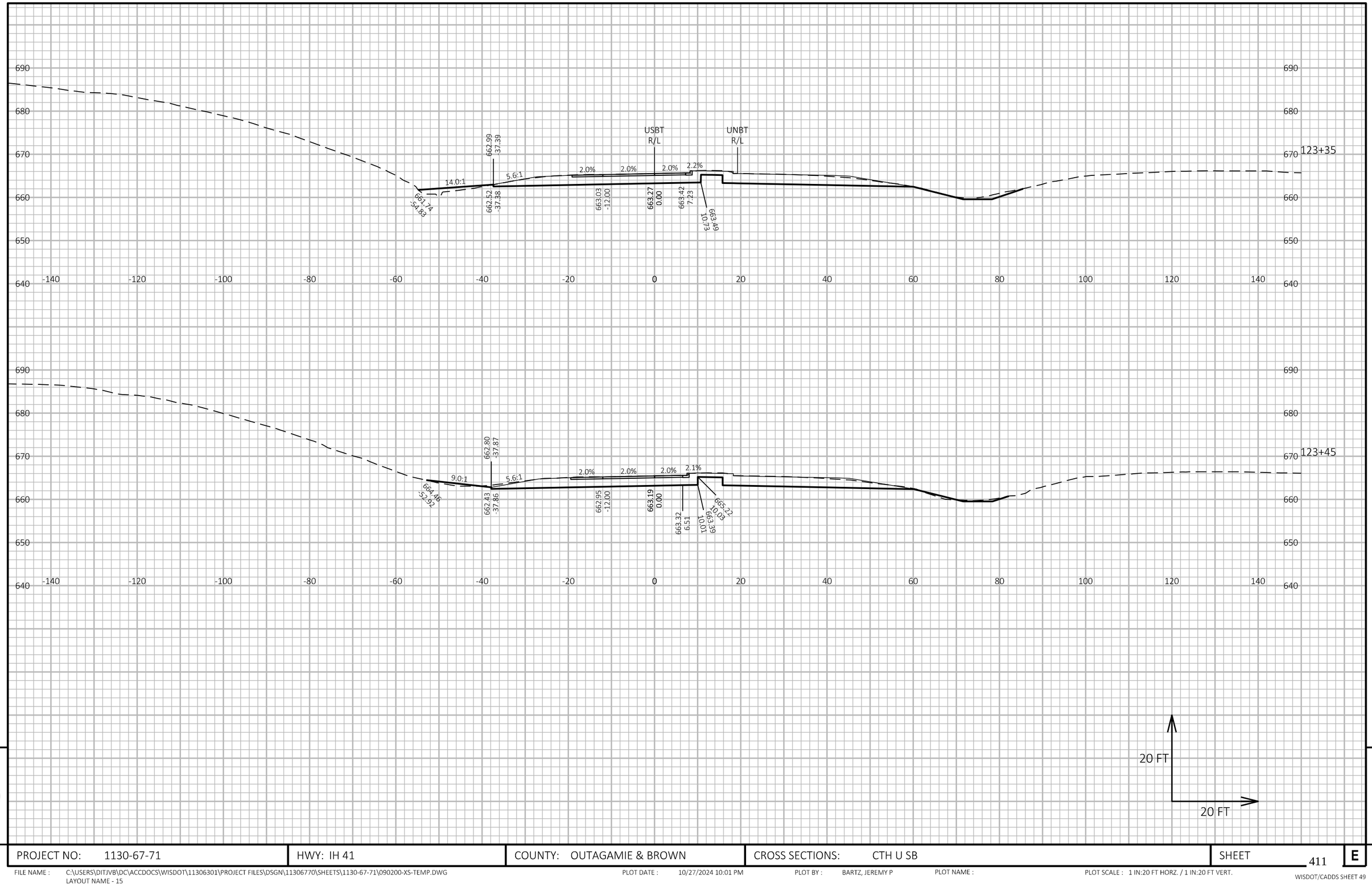
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 410	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 14

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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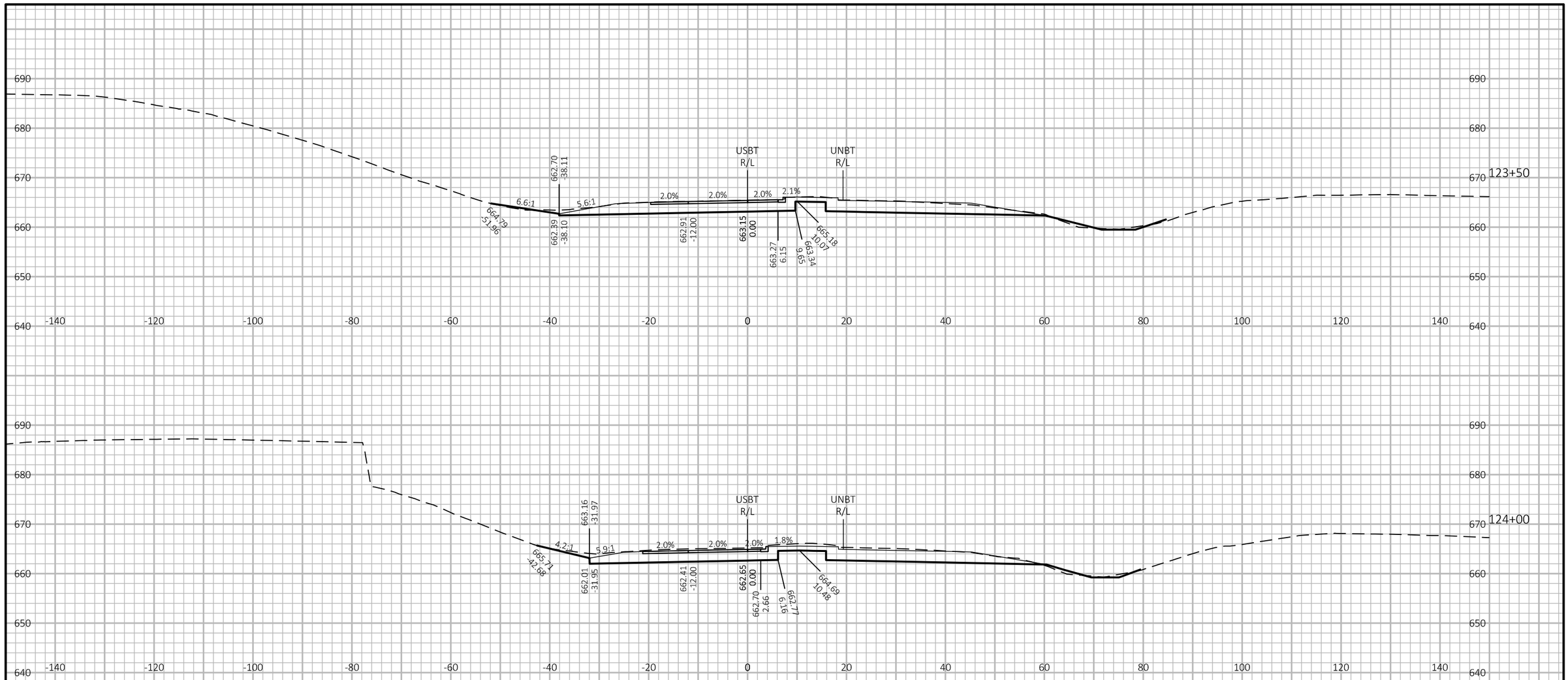
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 411	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 15

PLOT DATE : 10/27/2024 10:01 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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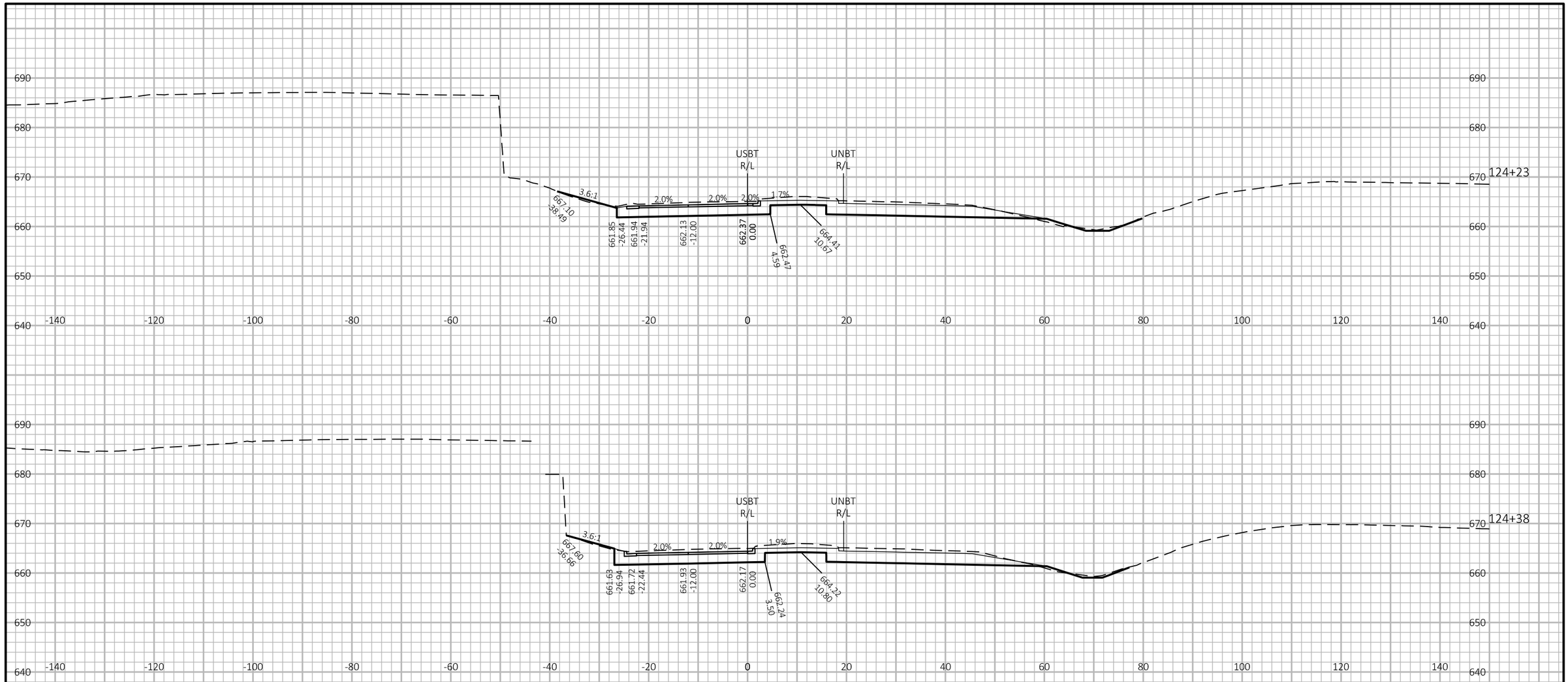
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 412	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 16

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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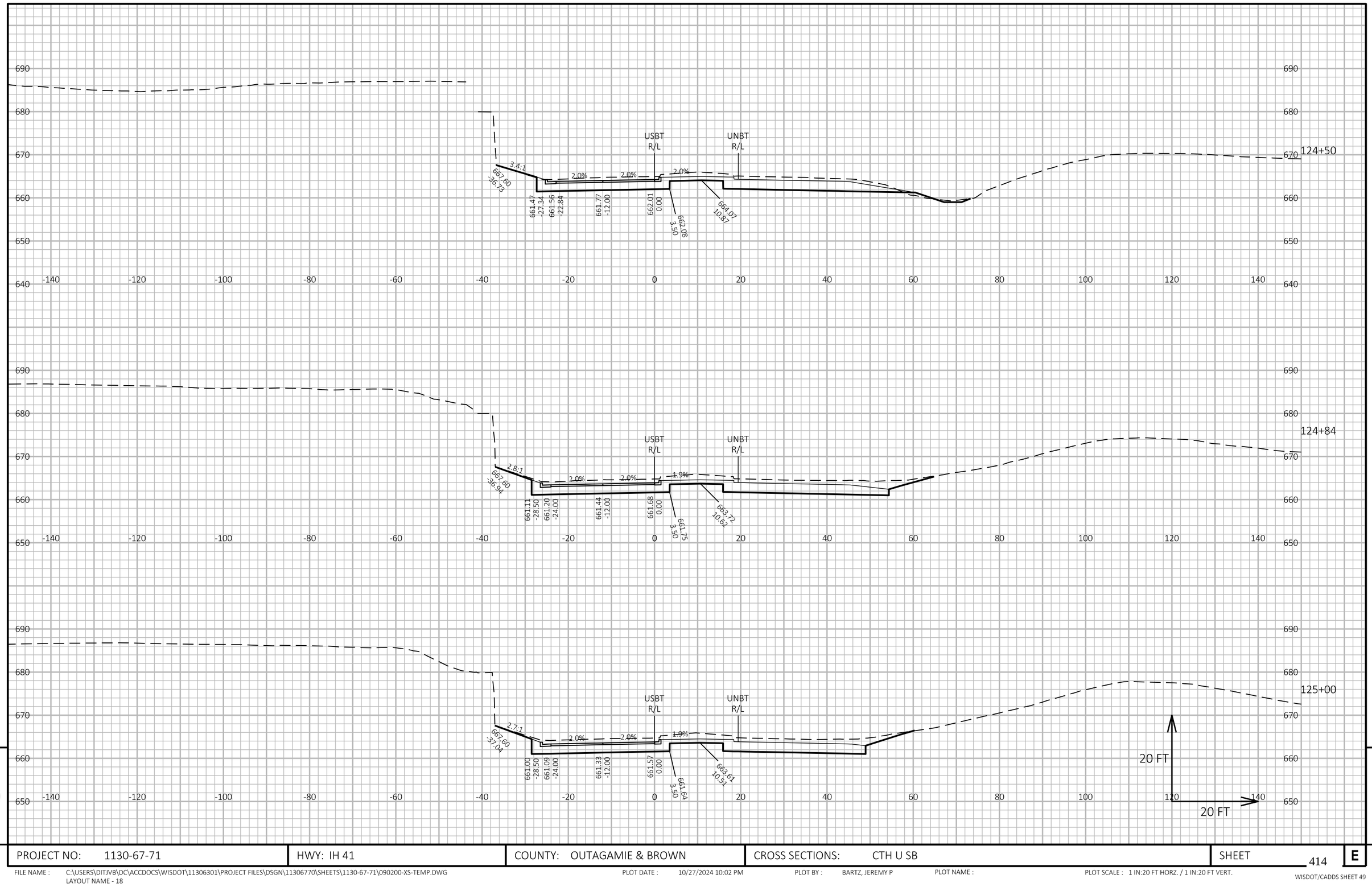
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 413	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 17

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 414	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 18

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

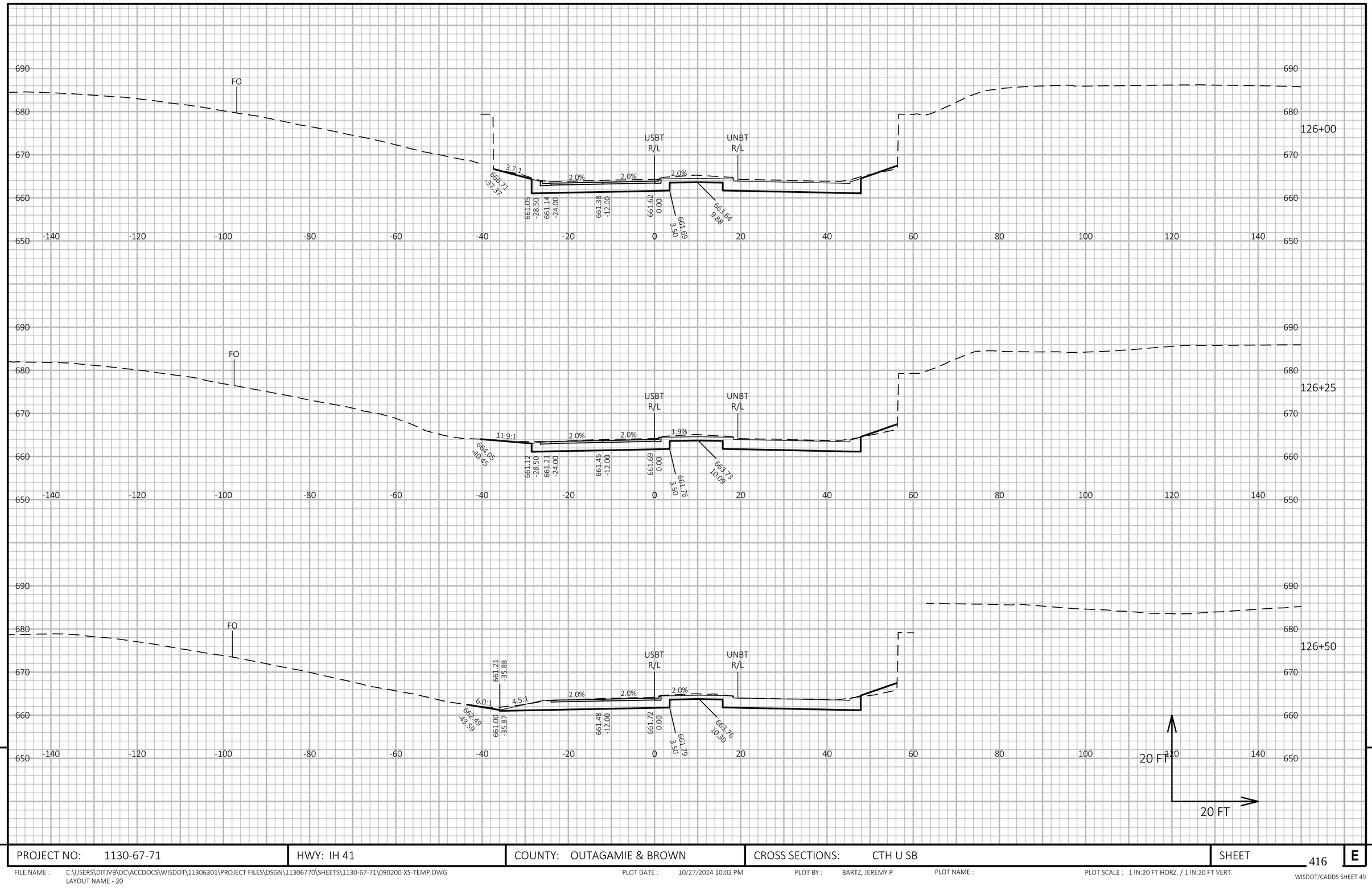
WISDOT/CADDS SHEET 49

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 415 E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 19

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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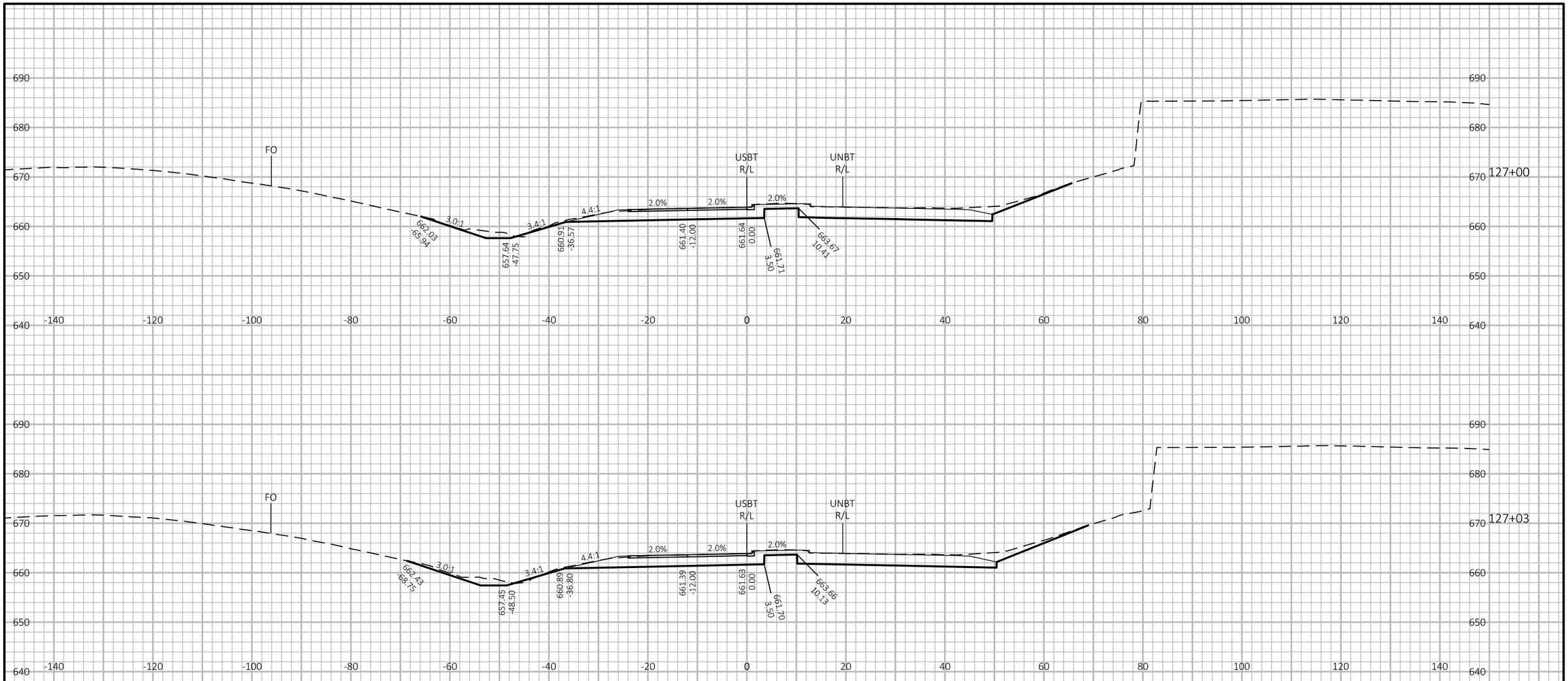
9

PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 416	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 20

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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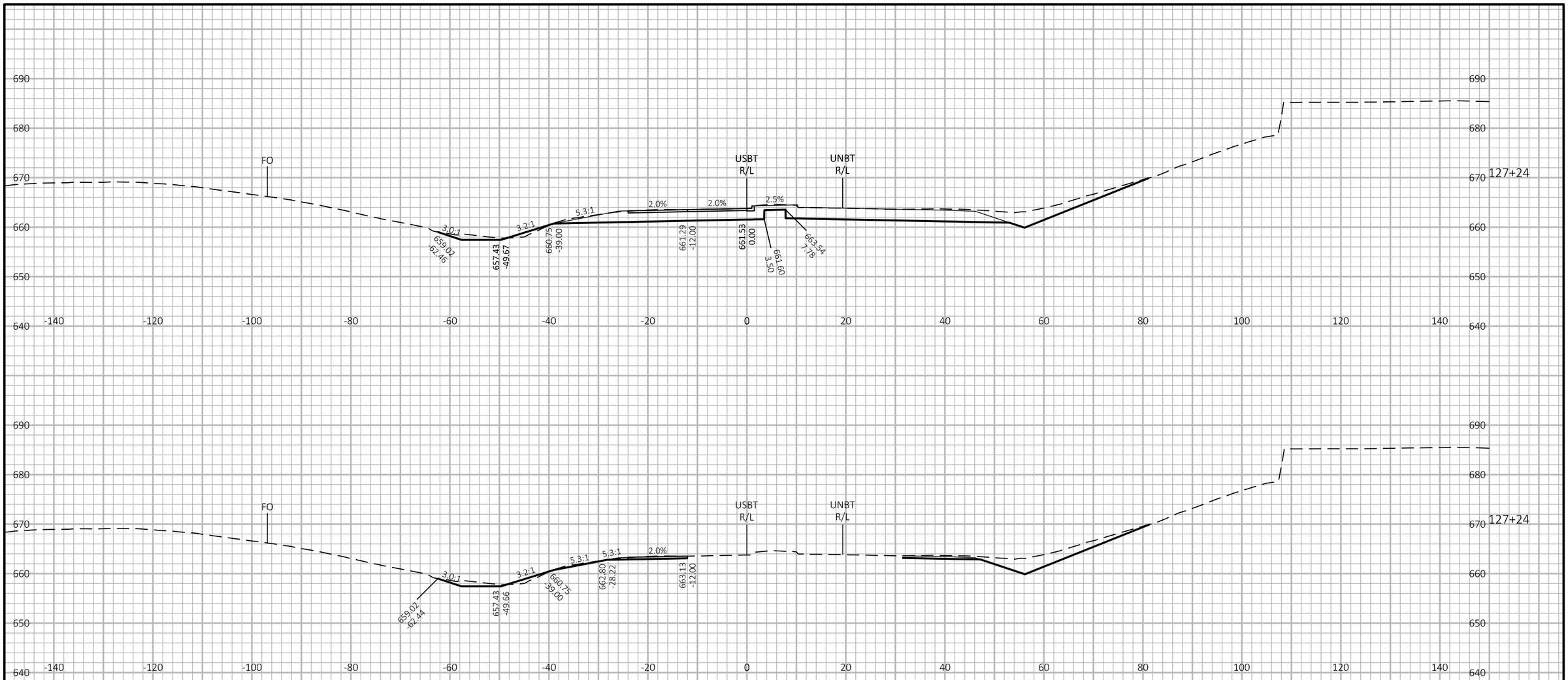
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 417	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 21

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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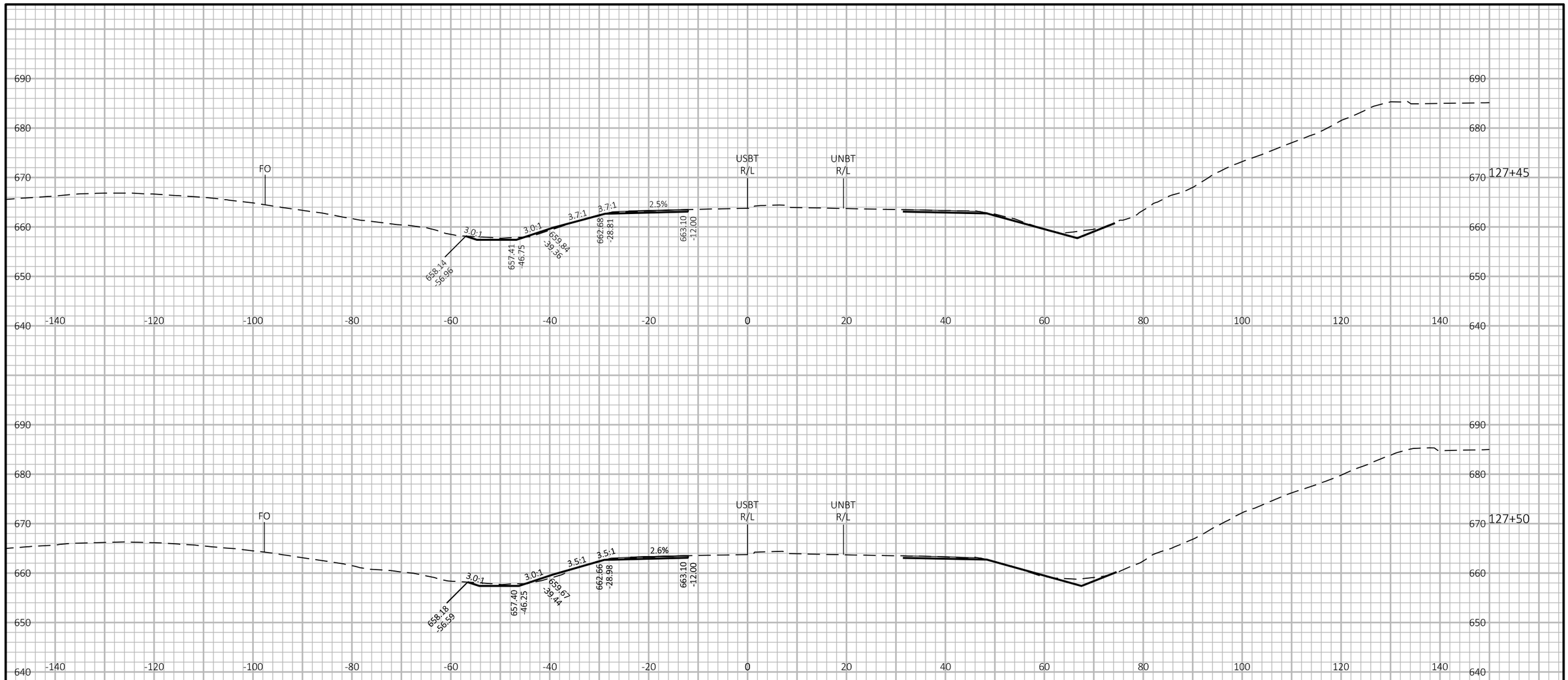
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 418	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 22

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

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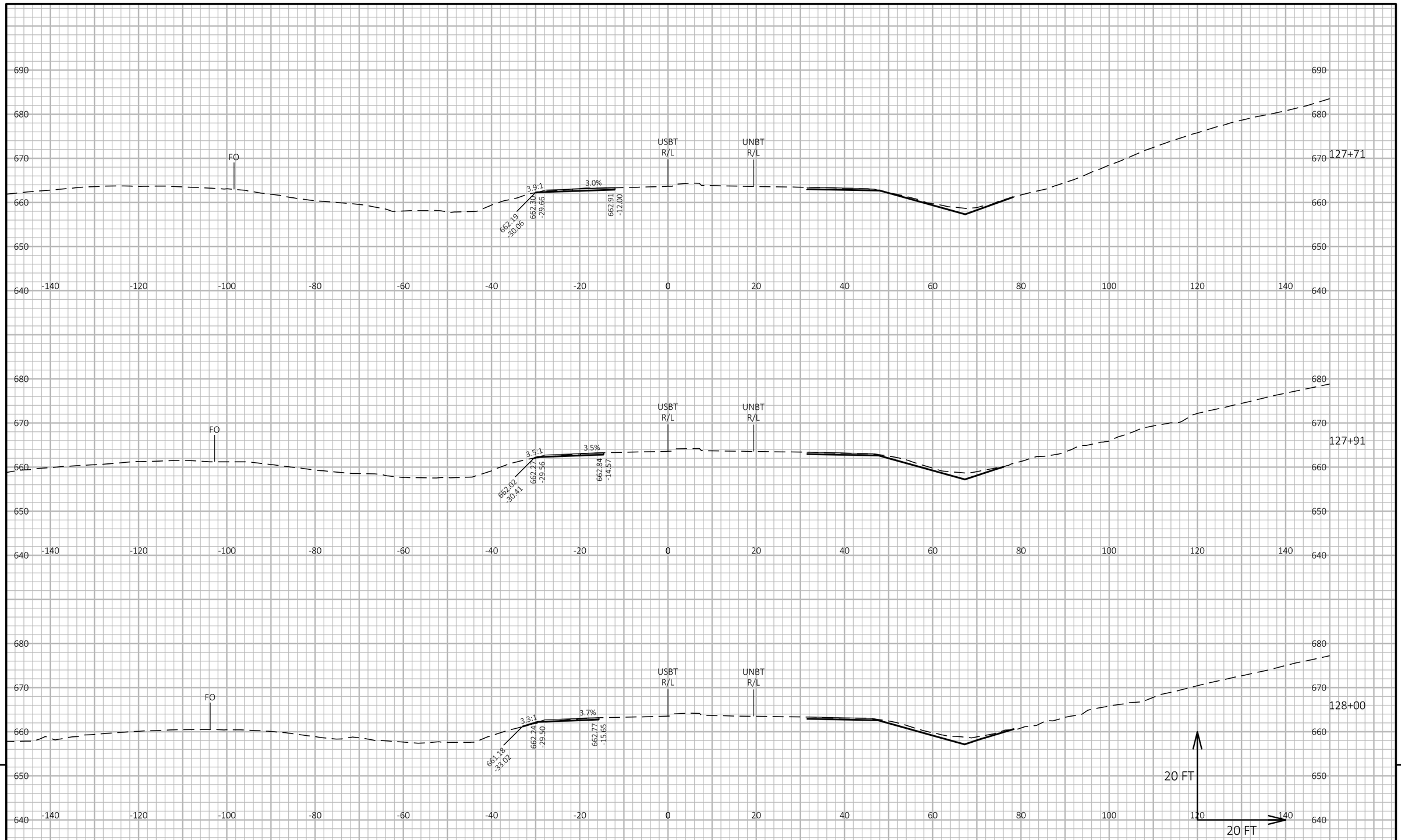
PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 419	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 23

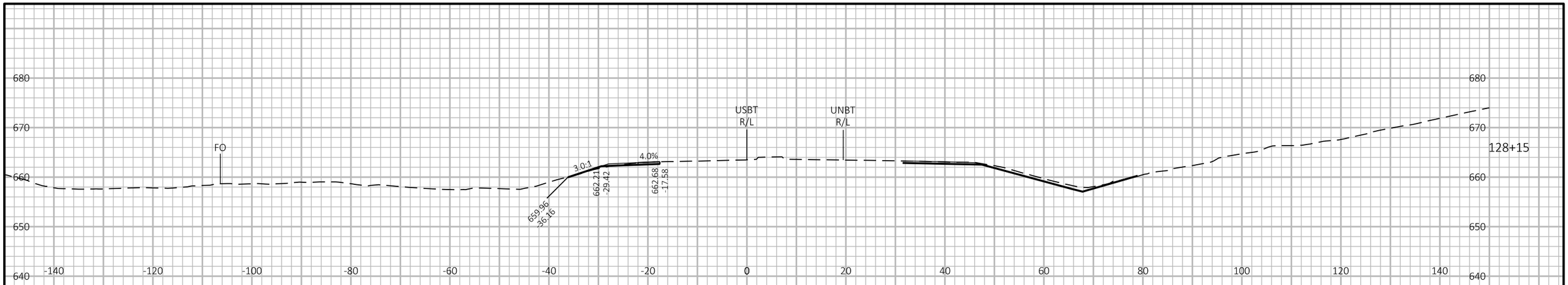
PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

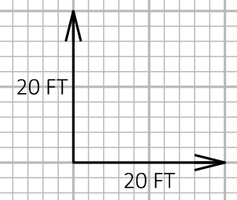
WISDOT/CADDS SHEET 49



PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 420	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 24
PLOT DATE : 10/27/2024 10:02 PM
PLOT BY : BARTZ, JEREMY P
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49





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PROJECT NO: 1130-67-71	HWY: IH 41	COUNTY: OUTAGAMIE & BROWN	CROSS SECTIONS: CTH U SB	SHEET 421	E

FILE NAME : C:\USERS\DITJVB\DC\ACCDOCS\WISDOT\11306301\PROJECT FILES\DSGN\11306770\SHEETS\1130-67-71\090200-XS-TEMP.DWG
LAYOUT NAME - 25

PLOT DATE : 10/27/2024 10:02 PM PLOT BY : BARTZ, JEREMY P PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

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