WKE June 08, 2021

PROJECT ID: 3706-01-60

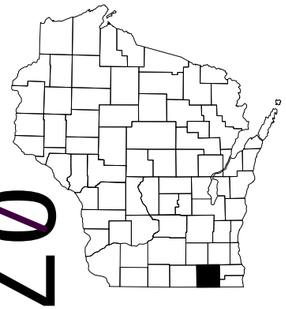
WITH:

COUNTY: WALWORTH

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 = 270





STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

SHARON - WALWORTH

SALT BOX RD TO USH 14

STH 67

WALWORTH COUNTY

STATE PROJECT NUMBER
3706-01-60

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3706-01-60	WISC 2021347	1

DESIGN DESIGNATION

	WEST OF SHARON	VILLAGE OF SHARON	EAST OF SHARON
A.A.D.T. (VARIES)	= 2400 (2012)	2200 (2015)	1800 (2015)
A.A.D.T. (2041)	= 3300	2600	2000
D.H.V.	= 350	276	212
D.D.	= 60/40	60/40	60/40
T.	= 10.0%	10.0%	10.0%
DESIGN SPEED	= 60 MPH	30 MPH	60 MPH
ESALS	= 771,450	649,642	514,300

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

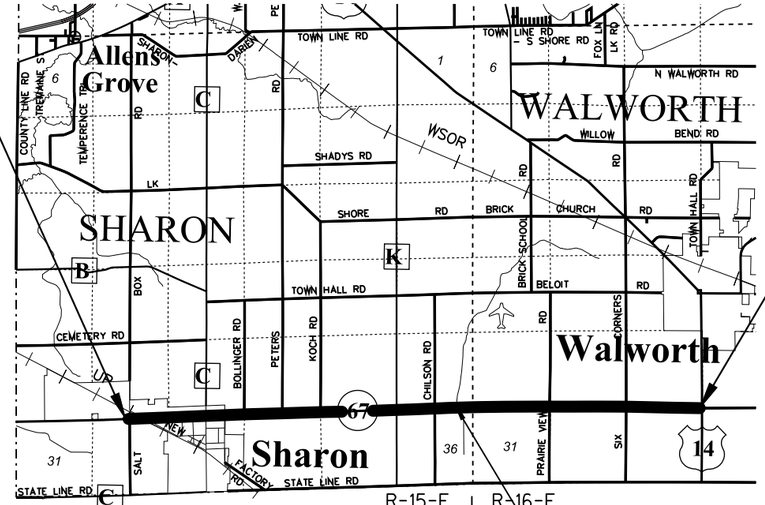
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

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

BEGIN PROJECT 3706-01-60
STA. 367+15
Y = 305,305.50
X = 707,424.20

T-1-N



R-15-E | R-16-E

STATE OF ILLINOIS

END PROJECT 3706-01-60
STA. 767+20

STRUCTURE B-64-79

LAYOUT
SCALE 0 2 MILES

TOTAL NET LENGTH OF CENTERLINE = 7.577 MI.

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 NAVD (88) 91.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, WALWORTH COUNTY, NAD83 (2007), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ORIGINAL PLANS PREPARED BY

DAAR ENGINEERING, INC.
www.daarcorp.com
Milwaukee, WI 53202
414-225-9817

WISCONSIN ANDREW J. SMIEJA E-31137 WAUKESHA, WI PROFESSIONAL ENGINEER

11/23/2020 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	DAAR ENGINEERING, INC.
Designer	DAAR ENGINEERING, INC.
Project Manager	AL GILBERTSON, P.E.
Regional Examiner	KURT FLIERL, P.E.
Regional Supervisor	JANET CANNON, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 11/23/2020 Allen Gilbertson (Signature)

E

GENERAL NOTES

MISCELLANEOUS

THE STH 67 REFERENCE LINE ALIGNMENT WAS CREATED OFF THE EXISTING STH 67 CENTERLINE AND IS NOT BASED ON AS-BUILT PLANS.

WITH THE EXCEPTION OF RIGHT OF WAY PLAT LOCATIONS, EXISTING RIGHT OF WAY WAS OBTAINED FROM WALWORTH COUNTY GIS AND SHALL BE CONSIDERED APPROXIMATE

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

DIMENSIONS GIVEN FOR EXISTING FEATURES SHALL BE CONSIDERED AS APPROXIMATE AND MEASURED IN THE FIELD FOR MATCHING PURPOSES.

THE LOCATION OF EXISTING OR PROPOSED UTILITIES, AS NOTED IN THE PLANS, ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS AND SERVICES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPALITY OR PUBLIC AGENCY WHICH IS NOT A MEMBER OF DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

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

TRAFFIC CONTROL

SIGN LOCATIONS ARE APPROXIMIATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED OR REMOVED AS NEEDED AND/OR AS DIRECTED BY THE ENGINEER, NO "WORKING" LIGHTS SHALL BE VISIBLE ON A COVERED OR LAID DOWN SIGN.

A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR AS DIRECTED BY THE ENGINEER.

EROSION CONTROL

ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY THAT ARE NOT THE RESULT OF CONTRACT ITEMS SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE.

EROSION CONTROL DEVICES ARE AT SUGGESTED LOCATIONS. THE ACTUAL LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR UNTIL THE ENGINEER DETERMINES THE DEVICE IS NO LONGER REQUIRED.

RESTORE AREAS, AS DESIGNATED BY THE ENGINEER, IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. SEED, FERTILIZE, AND MULCH/EROSION MAT TOPSOILED AREAS, AS DESIGNATED BY THE ENGINEER, WITHIN FIVE (5) CALENDAR DAYS AFTER PLACEMENT OF TOPSOIL. IF GRADED AREAS ARE LEFT EXPOSED FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THOSE AREAS WITH TEMPORARY SEED AND MULCH.

STOCKPILE EXCESS MATERIAL OR SPOILS ON UPLAND AREAS AWAY FROM WETLANDS, FLOODPLAINS AND WATERWAYS. STOCKPILED MATERIAL SHALL BE PROTECTED AGAINST EROSION. IF STOCKPILED MATERIAL IS LEFT FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, APPLY TEMPORARY SEED AND MULCH TO THE STOCKPILE.

WHEN PERFORMING ROADWAY CLEANING OPERATIONS, THE CONTRACTOR SHALL USE EQUIPMENT HAVING VACUUM OR WATER SPRAY MECHANISMS TO ELIMNATE THE DISPERSION OF DUST. IF VACUUM EQUIPMENT IS EMPLOYED, IT SHALL HAVE SUITABLE SELF-PARTICULATE COLLECTORS TO PREVENT DISCHARGE FROM THE COLLECTION BIN TO THE ATMOSPHERE.

HMA PAVING

HMA PAVEMENT QUANTITIES WERE CALCULATED USING 118 LBS/SY-IN.

UTILITY CONTACTS

ALLIANT ENERGY – ELECTRIC
MARY MONTGOMERY
4902 BILTMORE LANE
MADISON, WI 53718
PHONE 319-786-4768
MaryMontgomery@alliantenergy.com

ANR PIPELINE COMPANY
TODD BRISTER
W3925 PIPELINE LN
EDEN, WI 53019
PHONE 920-477-2235
todd_brister@transcanada.com

ATC MANAGEMENT, INC.
TONY MARCINIAK
W234 N2000 RIDGEVIEW PARKWAY CT
PO BOX 47
WAUKESHA, WI 53187-0047
PHONE 262-506-6814
amarciniak@atcllc.com

CHARTER COMMUNICATIONS
NEAL LONG
1320 N DR MARTIN LUTHER KING JR DR
MILWAUKEE, WI 53212
PHONE 414-277-4271
Neal.long@charter.com

ENBRIGE ENERGY
DAVID SCHULTZ
462 MIDLAND RD
JANESVILLE, WI 53546
PHONE 608-756-0071
David.Schultz@enbridge.com

FRONTIER – WISCONSIN
RUSS RYAN
118 DIVISION STREET
PLYMOUTH, WI 53073
PHONE 920-583-3275
russell.w.ryan@ftr.com

GUARDIAN PIPELINE
ADAM THEIS
128 M B LANE
CHILTON,WI 53014
PHONE 920-464-1200
adam.theis@oneok.com

SHARON TELEPHONE CO.
BRAD ELLEFSON
105 PLAIN STREET
PO BOX 400
SHARON, WI 53585-0400
PHONE 262-736-9981
brad@sharontelephone.com

VERIZON BUSINESS DIVISION
2400 N GLENVILLE
RICHARDSON, TEXAS 75082
investigations@verizonbusiness.com

VILLAGE OF SHARON – STREET LIGHTING
NICK GRIFFIN
125 PLAIN STREET
PO BOX 379
SHARON, WI 53585
PHONE 262-736-4623
pwd@villageofsharon.com

VILLAGE OF SHARON – SANITARY
NICK GRIFFIN
125 PLAIN STREET
PO BOX 379
SHARON, WI 53585
PHONE 262-736-4623
pwd@villageofsharon.com

VILLAGE OF SHARON – WATER
NICK GRIFFIN
125 PLAIN STREET
PO BOX 379
SHARON, WI 53585
PHONE 262-736-4623
pwd@villageofsharon.com

WE ENERGIES – GAS
SCOTT HOLSTEIN
700 S. KANE STREET
BURLINGTON, WI 53015
PHONE 262-949-0490
scott.holstein@we-energies.com

WINDSTREAM KDL, LLC
ERIC BECKER
314 N. DANZ AVENUE
GREEN BAY, WI 54302-3526
PHONE 920-461-9825
eric.becker@windstream.com

WINDSTREAM NTI, LLC
ERIC BECKER
314 N. DANZ AVENUE
GREEN BAY, WI 54302-3526
PHONE 920-461-9825
eric.becker@windstream.com

STANDARD ABBREVIATIONS

AGG	AGGREGATE
ASPH	ASPHALT
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
PE	PRIVATE ENTRANCE
FE	FIELD ENTRANCE

HMA LAYERS

PAVEMENT LOCATION (SEE TYPICAL SECTIONS FOR EXACT STATIONS)	ASPHALTIC SURFACE MILLING DEPTH	TOTAL PAVEMENT THICKNESS	TYPE
SALT BOX RD TO VILLAGE OF SHARON VILLAGE OF SHARON TO USH 14 (RURAL SECTION)	1"	2" UPPER	4 LT 58-28 S
VILLAGE OF SHARON (URBAN SECTION)	2"	2" UPPER	4 LT 58-28 S
SHOULDER RECONSTRUCTION	N/A	2" UPPER 1 3/4" LOWER	4 LT 58-28 S

OTHER CONTACTS

WISDOT SE REGION
AL GILBERTSON, P.E. PROJECT MANAGER
141 NW BARSTOW ST
WAUKESHA, WI 53187
PHONE 262-548-8817
allen.gilbertson@dot.state.wi.us

DAAR ENGINEERING, INC
ANDY SMIEJA, P.E.
325 E CHICAGO ST
MILWAUKEE, WI 53202
PHONE 414-935-4350
andy.smieja@daarcorp.com

WDNR CONTACT

WISCONSIN DNR
CRAIG WEBSTER
141 NW BARSTOW STREET, ROOM 180
WAUKESHA, WI 53188
PHONE 262-574-2141
craig.webster@wisconsin.gov

SEWRPC CONTACT

SEWRPC
ROB MERRY
W239 N1812 ROCKWOOD DRIVE
PO BOX 1607
WAUKESHA, WI 53187-1607
PHONE 262-953-4289
rmerry@sewrpc.org

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
CURB RAMP DETAILS
INTERSECTION DETAILS
EROSION CONTROL / RESTORATION
PERMANENT SIGNING
PAVEMENT MARKING
TRAFFIC CONTROL OVERVIEW
DETOUR PLANS
ALIGNMENT DETAIL
SURVEY CONTROL

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

2

2

BEGIN PROJECT 3706-01-60
STA 367+15

UNION PACIFIC RAILROAD

CTH C

BOLLINGER RD

PETERS RD

KOCH RD

CTH K

VILLAGE OF SHARON

370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570

STH 67

STH 67 ℄

SALT BOX RD

NELSON ST

WALWORTH ST

MARTIN ST

PARK AVE

NEW FACTORY RD

N

CHILSON RD

TOWN OF SHARON

STRUCTURE B-64-79

580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760

PRAIRIE VIEW RD

TOWN OF WALWORTH

SIX CORNERS RD

USH 14
STH 67

LAKEVILLE RD

PISCASAW CREEK

STH 67

STH 67 ℄

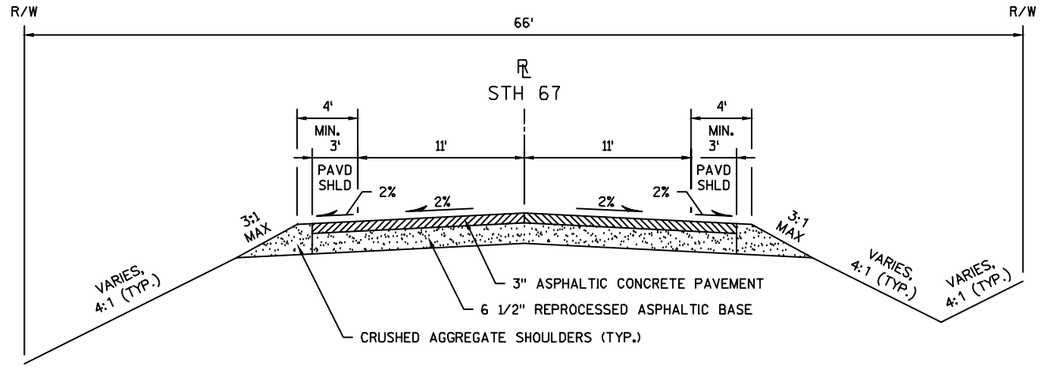
USH 14

END PROJECT 3706-01-60
STA 767+20

N

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PROJECT OVERVIEW	SHEET 3	E

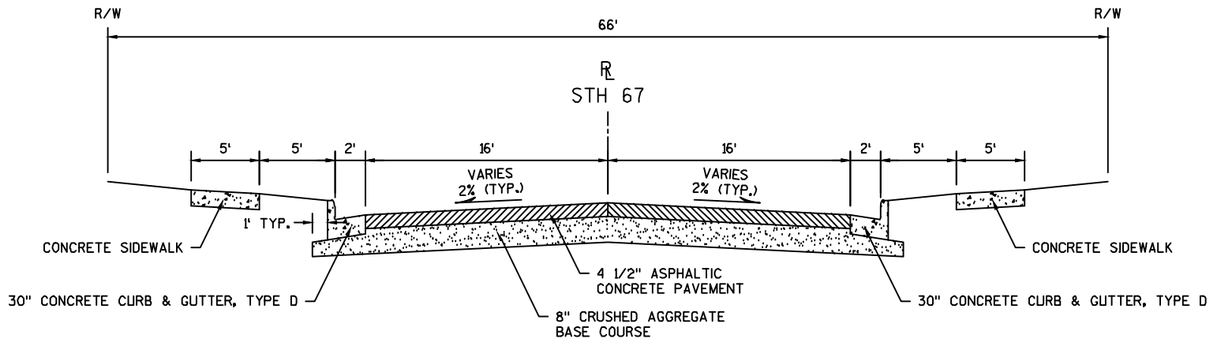
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TYPICAL EXISTING SECTION

STH 67

STA. 367+15 TO STA. 394+91 RT/STA. 395+15 LT

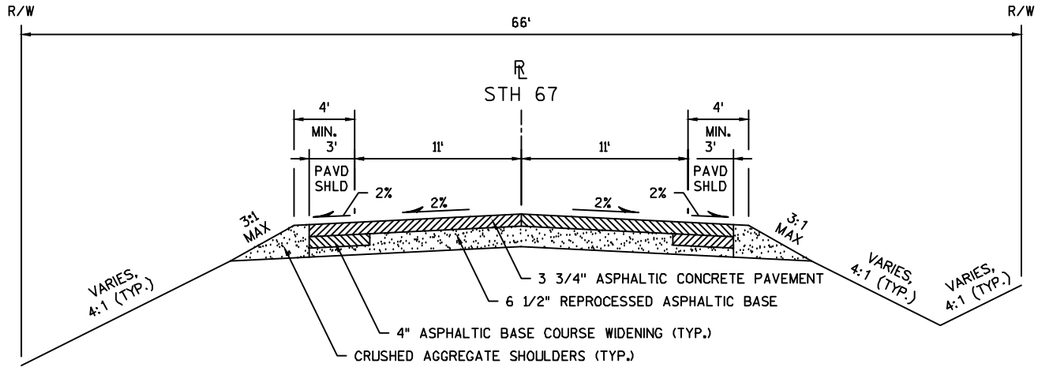


TYPICAL EXISTING SECTION

STH 67 (SHARON)

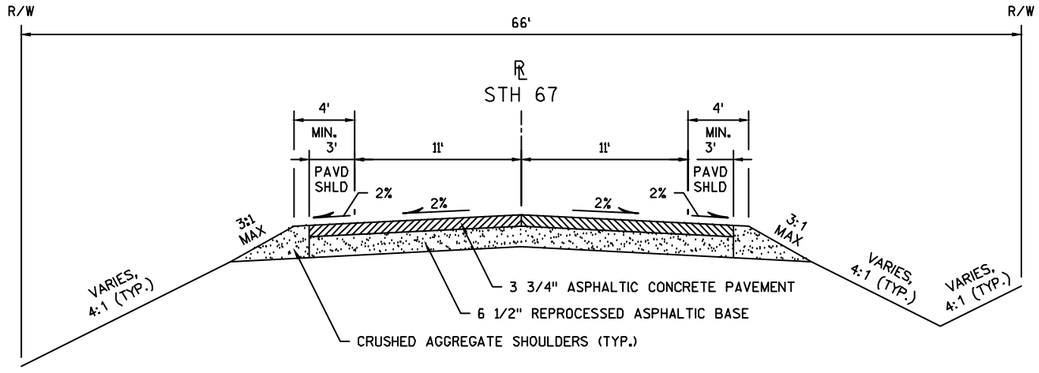
STA. 394+91 RT/STA. 395+15 LT TO STA. 437+42 RT/STA. 438+03 LT

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS - EXISTING	SHEET 4	E



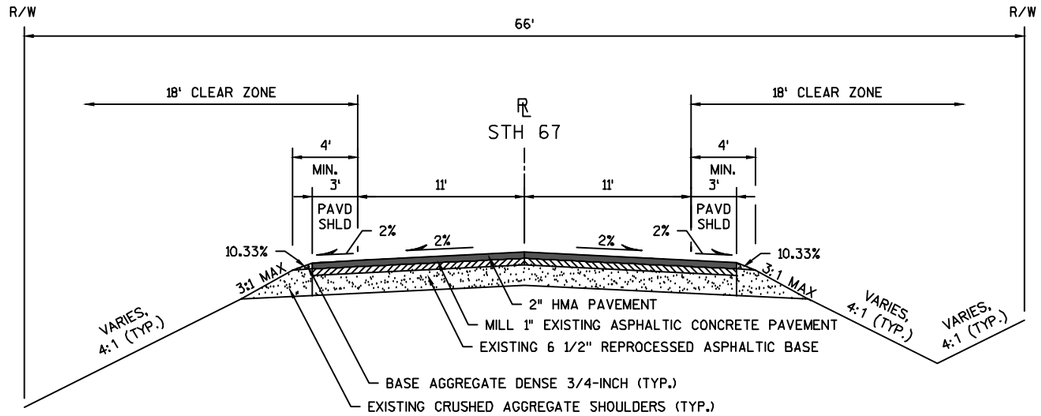
TYPICAL EXISTING SECTION
STH 67
STA. 437+42 RT/STA. 438+03 LT TO STA. 595+24*

*STRUCTURE B-64-79
STA. 595+24 TO STA. 595+78



TYPICAL EXISTING SECTION
STH 67
STA. 595+78* TO STA. 767+20

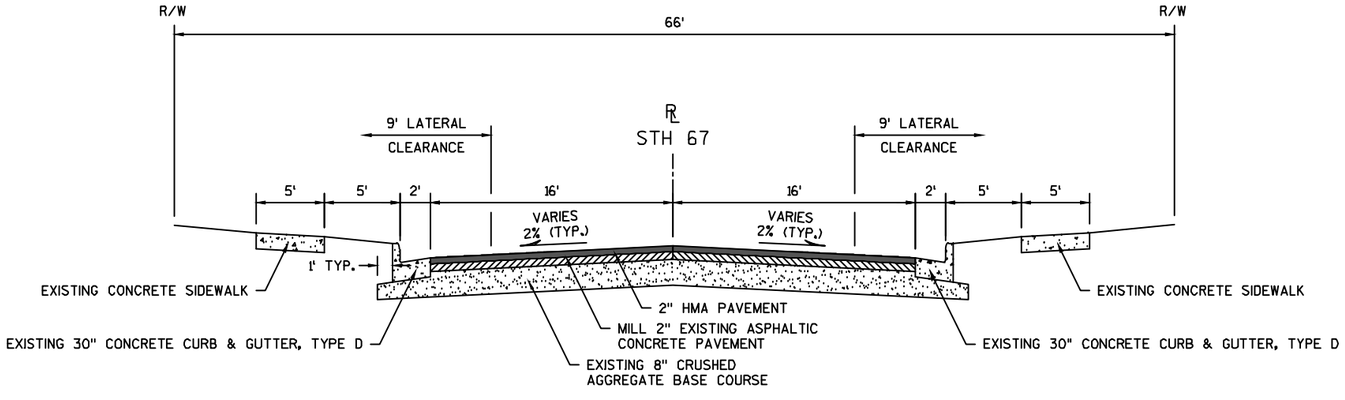
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TYPICAL FINISHED SECTION

STH 67

STA. 367+15 TO STA. 394+91 RT/STA. 395+15 LT

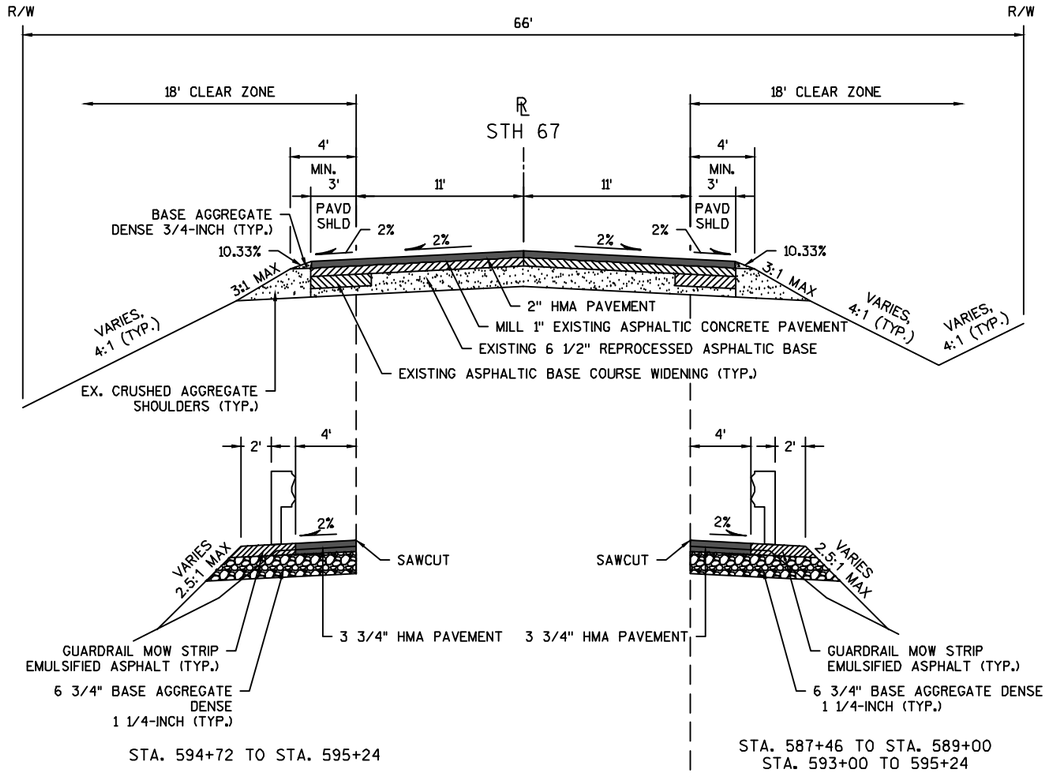


TYPICAL FINISHED SECTION

STH 67 (SHARON)

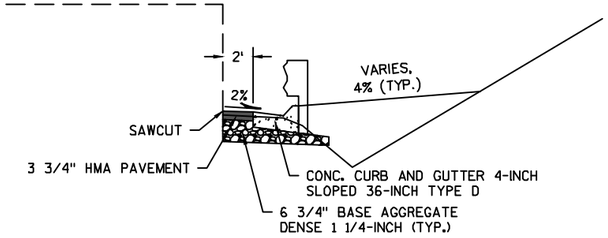
STA. 394+91 RT/STA. 395+15 LT TO STA. 437+42 RT/STA. 438+03 LT

2



STA. 594+72 TO STA. 595+24

STA. 587+46 TO STA. 589+00
STA. 593+00 TO 595+24



STA. 589+00 TO STA. 593+00

TYPICAL FINISHED SECTION

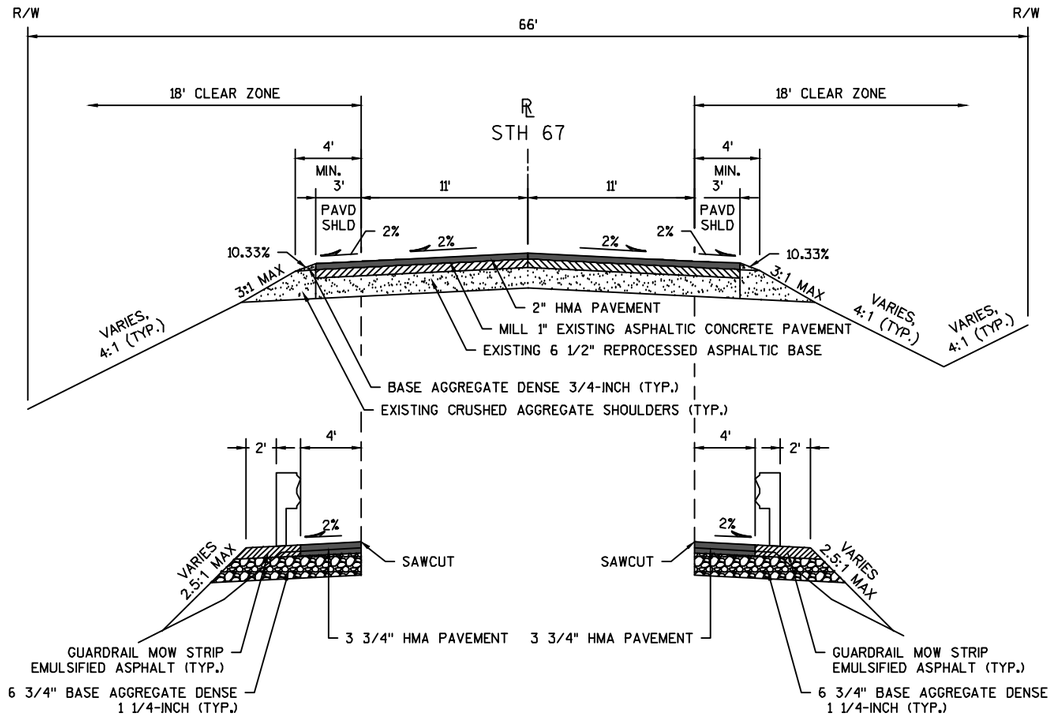
STH 67
STA. 437+42 RT/STA. 438+03 LT TO STA. 595+24*

*STRUCTURE B-64-79
STA. 595+24 TO STA. 595+78

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	TYPICAL SECTIONS - FINISHED	SHEET 7	E

2

*STRUCTURE B-64-79
STA. 595+24 TO STA. 595+78



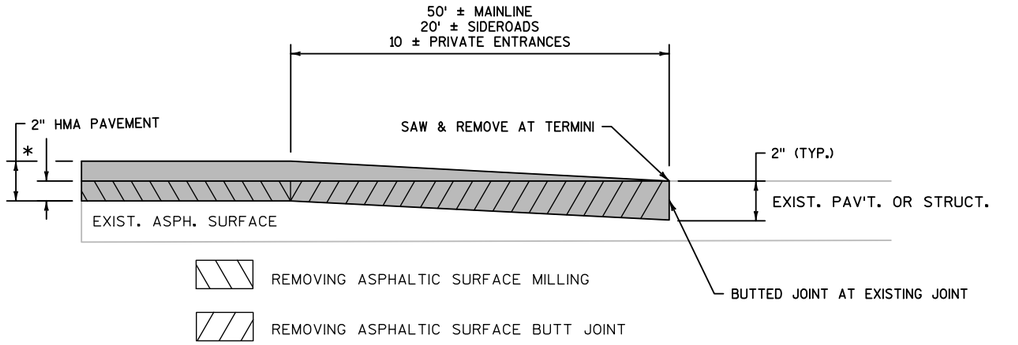
STA. 595+77 TO STA. 597+54

STA. 595+77 TO STA. 596+80

TYPICAL FINISHED SECTION

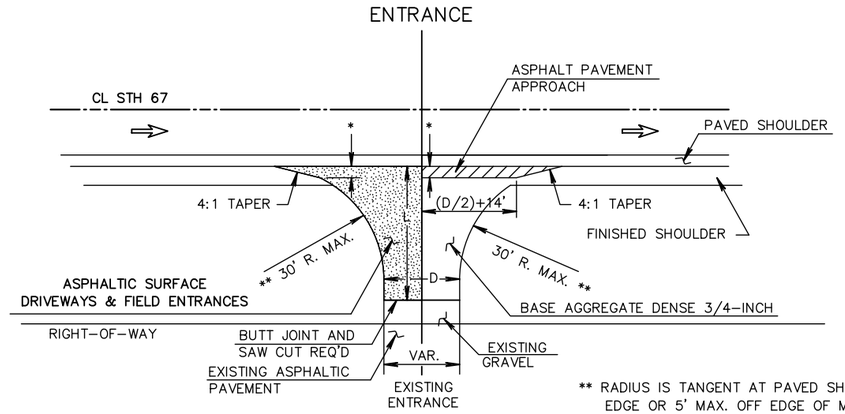
STH 67

STA. 595+78* TO STA. 767+20



BUTT JOINT DETAIL

*MILLING DEPTH OF 1" IN RURAL SECTIONS AND 2" IN URBAN SECTION.



L=VARIABLE, EXACT LENGTH TO BE DETERMINED IN THE FIELD BY THE ENGINEER. BLEND BACK ON THE ENTRANCE FAR ENOUGH TO GET A SMOOTH PROFILE.

D=DRIVEWAY WIDTH
D=20'TYP.(PE's & FE's) (16'MIN.–24'MAX.)
D=28'TYP.(CE's & FARM ENT.) (24'MIN.–35'MAX.)

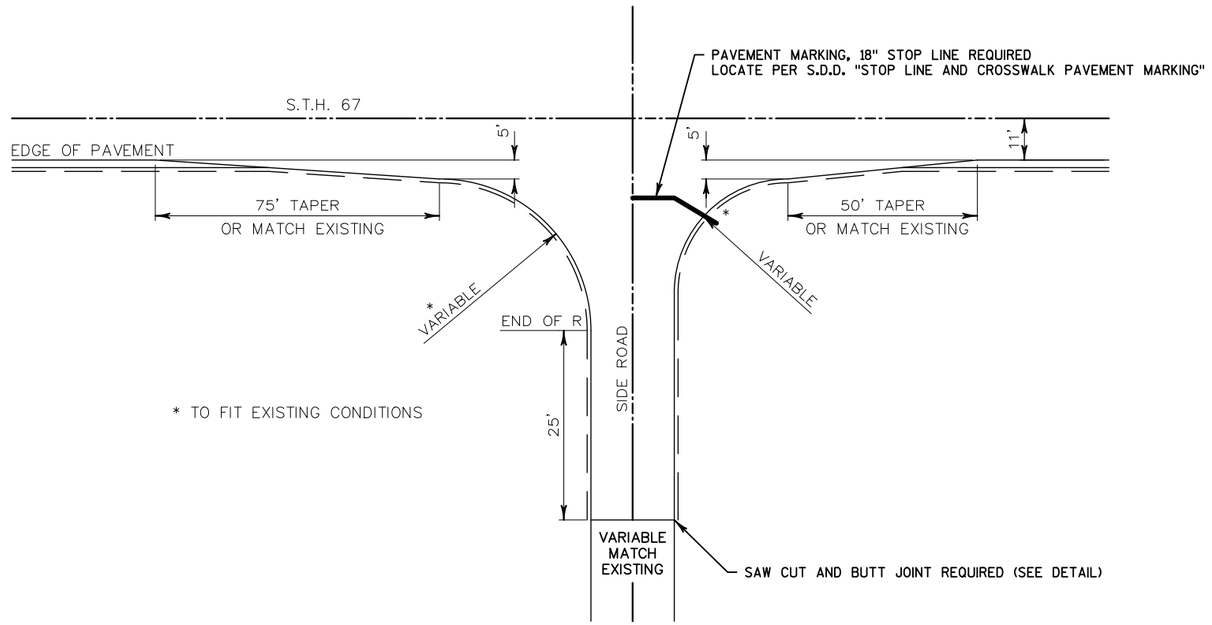
** RADIUS IS TANGENT AT PAVED SHOULDER EDGE OR 5' MAX. OFF EDGE OF MAIN LINE PAVEMENT WHICH EVER IS LESS.

* 3' MAX. OR TO FINISHED SHOULDER WHICH EVER IS LESS.

PLAN VIEW

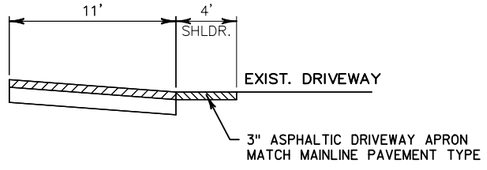
RURAL DRIVEWAY INTERSECTION DETAIL (PE's, FE's & CE'S)

2



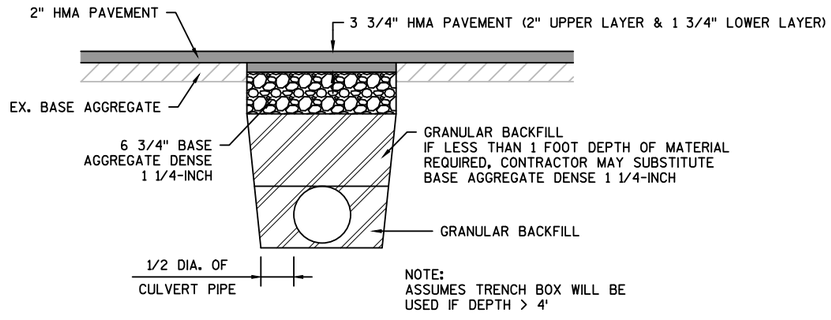
MODIFIED TYPE "C" INTERSECTION DETAIL

SALTBOX RD	CTH K
NEW FACTORY RD	CHILSON RD
BOLLINGER RD	PRAIRIE VIEW RD
PETERS RD	SIX CORNERS RD
KOCH RD	

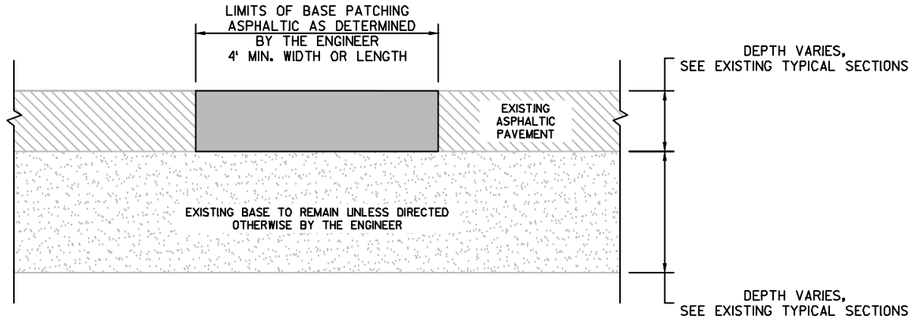


RURAL DRIVEWAY DETAIL

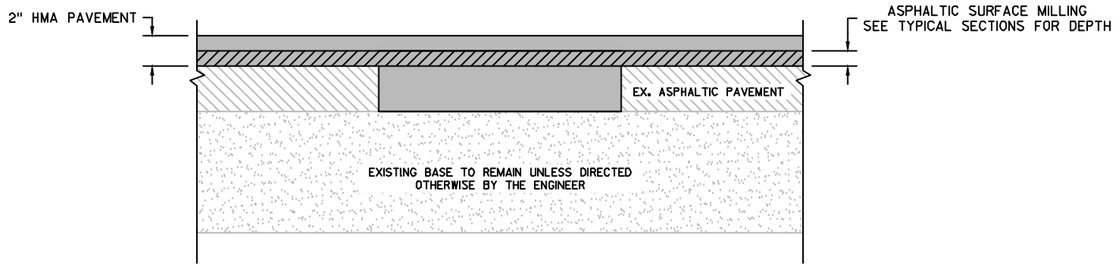
CROSS SECTION AT DRIVEWAY



DETAIL FOR CULVERT PIPE INSTALLATION IN AREAS OF EXISTING PAVEMENT



BASE PATCHING ASPHALTIC



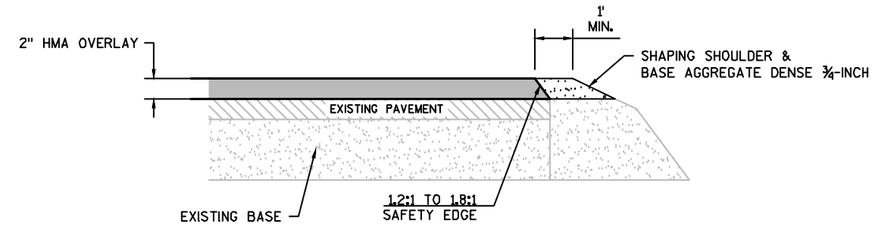
REMOVING ASPHALTIC SURFACE MILLING AFTER BASE PATCHING ASPHALTIC

NOTES:

BASE PATCH EXISTING ASPHALT PRIOR TO MILLING ASPHALTIC SURFACE

BASE BATCH LIMITS TO BE REMOVED AND PAVED IN SAME DAY

BASE PATCH TO BE PLACED IN 1 LIFT UP TO EXISTING SURFACE

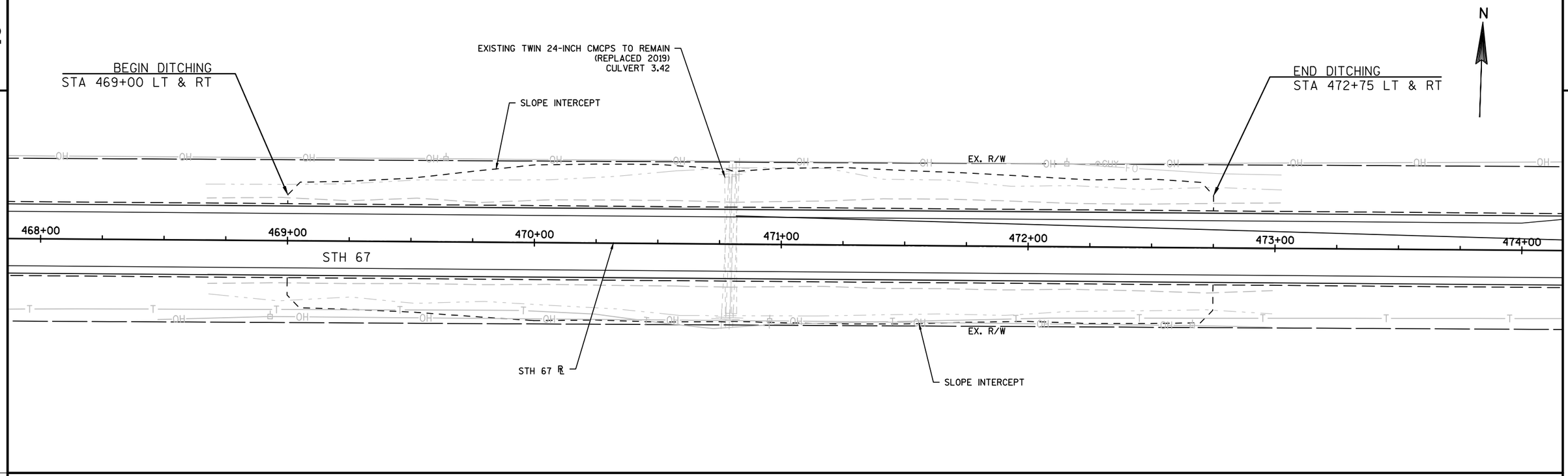


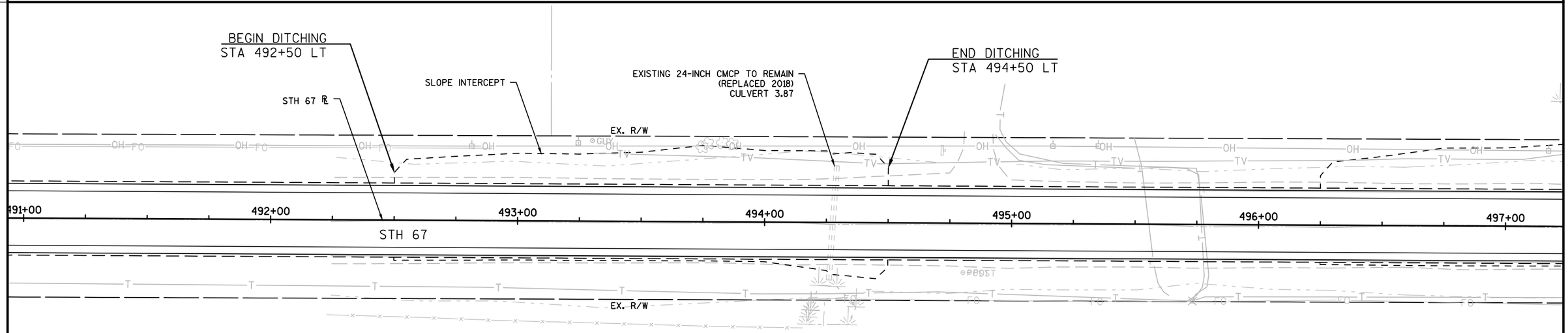
NOTES:

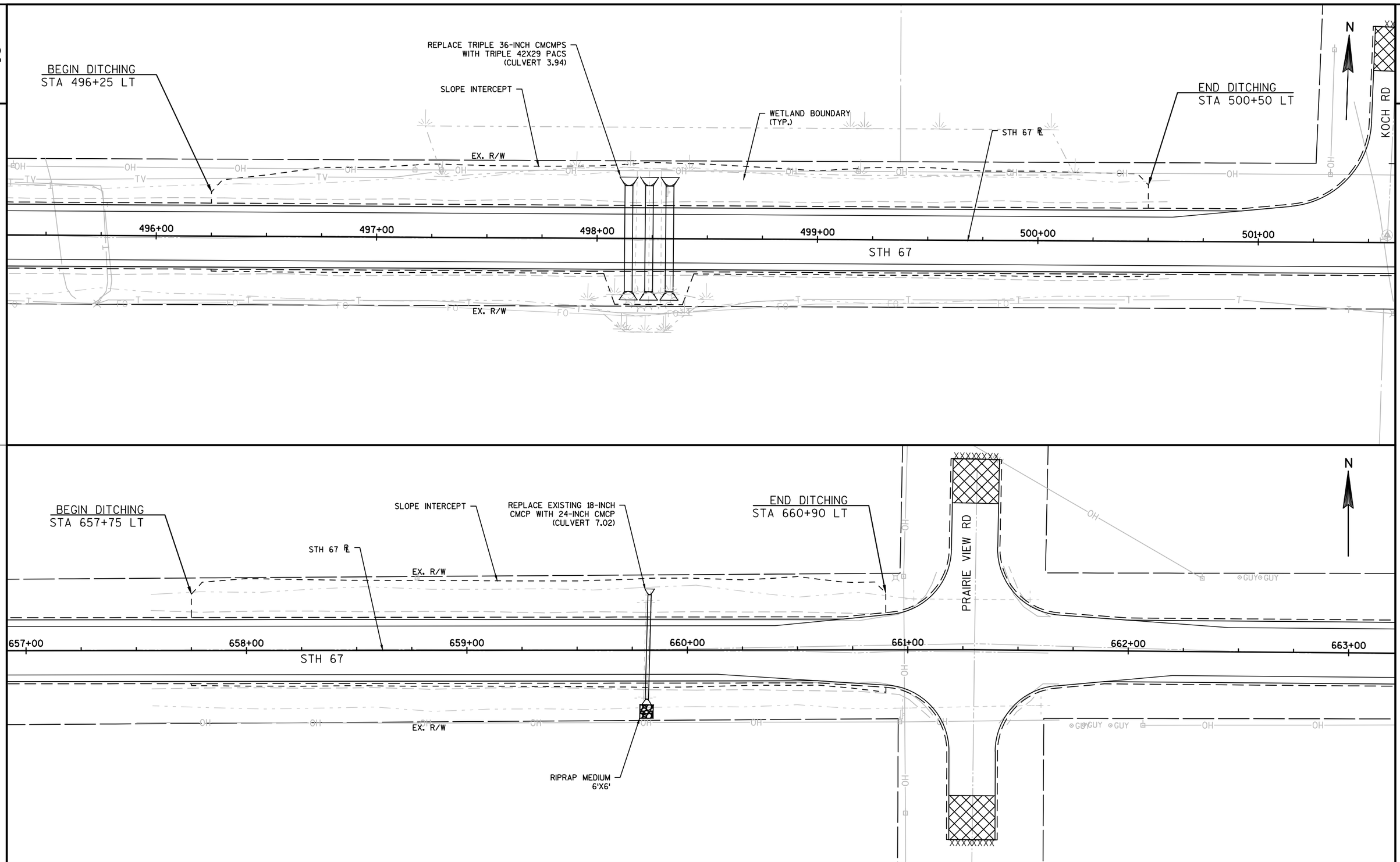
PAVEMENT SAFETY EDGE WILL BE PAID AS HMA PAVEMENT

SEE S.D.D. "SAFETY EDGE"

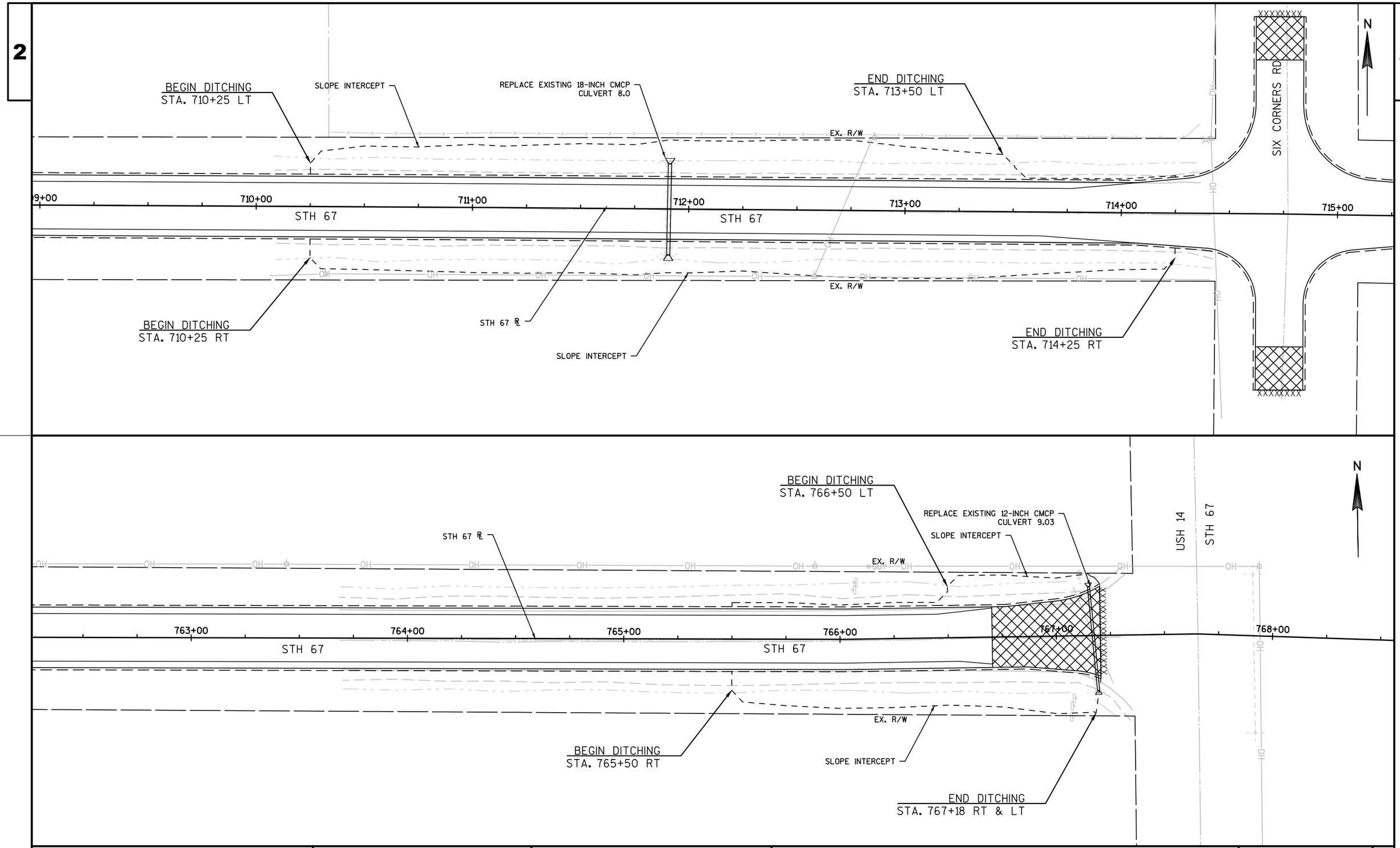
PAVEMENT SAFETY EDGE ON HMA OVERLAY


BEGIN DITCHING
STA 469+00 LT & RT
EXISTING TWIN 24-INCH CMCPS TO REMAIN
(REPLACED 2019)
CULVERT 3.42
SLOPE INTERCEPT
END DITCHING
STA 472+75 LT & RT
N
EX. R/W
468+00
469+00
470+00
471+00
472+00
473+00
474+00
STH 67
STH 67 ℄
SLOPE INTERCEPT
EX. R/W


BEGIN DITCHING
STA 492+50 LT
SLOPE INTERCEPT
STH 67 ℄
EXISTING 24-INCH CMCP TO REMAIN
(REPLACED 2018)
CULVERT 3.87
END DITCHING
STA 494+50 LT
EX. R/W
491+00
492+00
493+00
494+00
495+00
496+00
497+00
STH 67
EX. R/W



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SHEET 13	E



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CONSTRUCTION DETAILS	SHEET 14	E

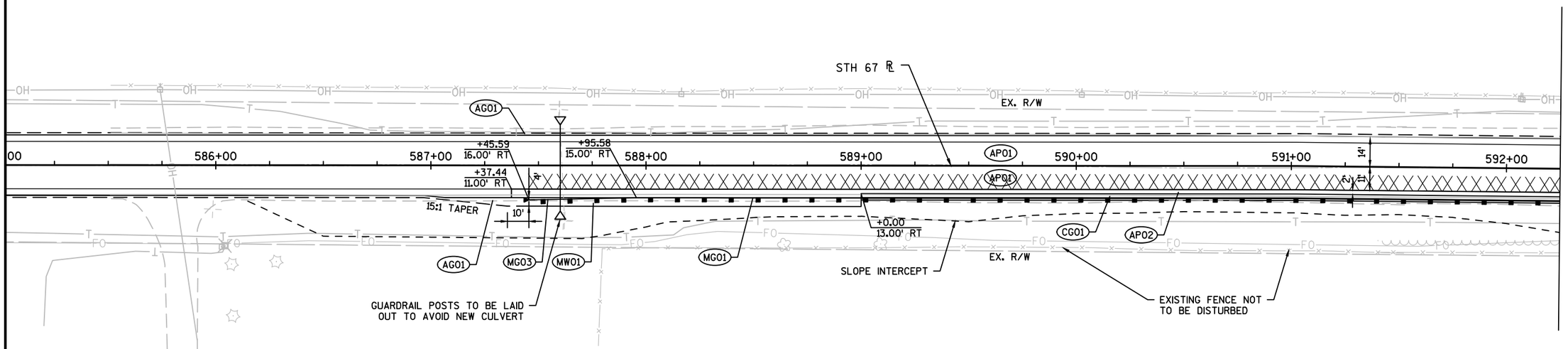
2

2

LEGEND

AG01	BASE AGGREGATE DENSE 3/4-INCH
AP01	2" HMA PAVEMENT
AP02	3.75" HMA PAVEMENT
AF01	ASPHALTIC FLUME
BG01	STEEL PLATE BEAM GUARD
BG02	STEEL THRIE BEAM STRUCTURE APPROACH
BG03	STEEL PLATE BEAM GUARD SHORT RADIUS
BG04	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
CG01	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
DW01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 4-INCH
DW02	AGGREGATE DRIVEWAY, BASE AGGREGATE DENSE 3/4-INCH, 6-INCH
MG01	MGS GUARDRAIL 3
MG02	MGS THRIE BEAM TRANSITION
MG03	MGS GUARDRAIL TERMINAL EAT
MW01	GUADRAIL MOW STRIP EMULSIFIED ASPHALT
XXXX	SAW CUT ASPHALT
	BUTT JOINT

N



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN DETAIL: B-64-79 APPROACH WORK	SHEET 15	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 01

PLOT DATE : 11/19/2020 8:29 AM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:50 FT

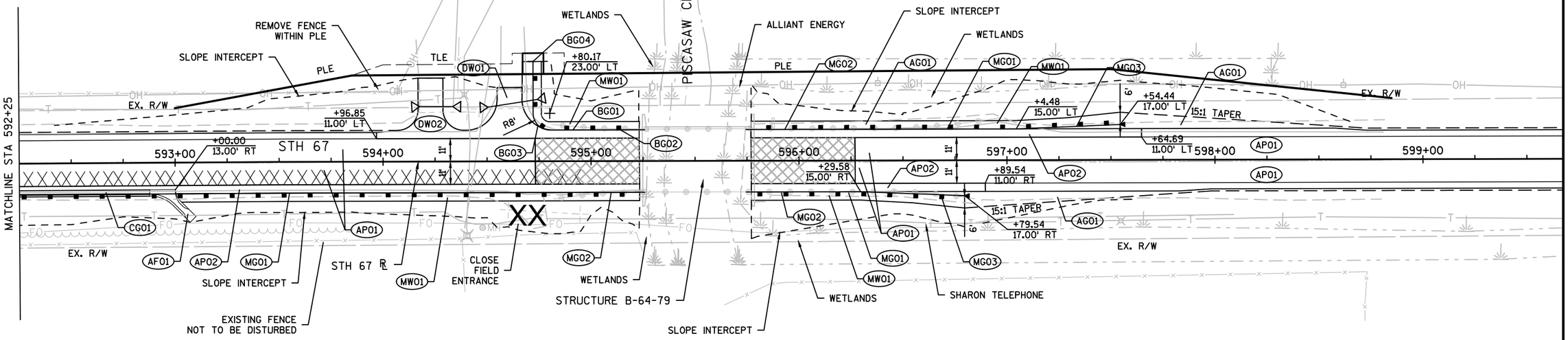
WISDOT/CADDS SHEET 42

2

LEGEND

AG01	BASE AGGREGATE DENSE 3/4-INCH	DW01	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES, 4-INCH
AP01	2" HMA PAVEMENT	DW02	AGGREGATE DRIVEWAY, BASE AGGREGATE DENSE 3/4-INCH, 6-INCH
AP02	3.75" HMA PAVEMENT	MG01	MGS GUARDRAIL 3
AF01	ASPHALTIC FLUME	MG02	MGS THRIE BEAM TRANSITION
BG01	STEEL PLATE BEAM GUARD	MG03	MGS GUARDRAIL TERMINAL EAT
BG02	STEEL THRIE BEAM STRUCTURE APPROACH	MW01	GUADRAIL MOW STRIP EMULSIFIED ASPHALT
BG03	STEEL PLATE BEAM GUARD SHORT RADIUS	XXXX	SAW CUT ASPHALT
BG04	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL		BUTT JOINT
CG01	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D		

N

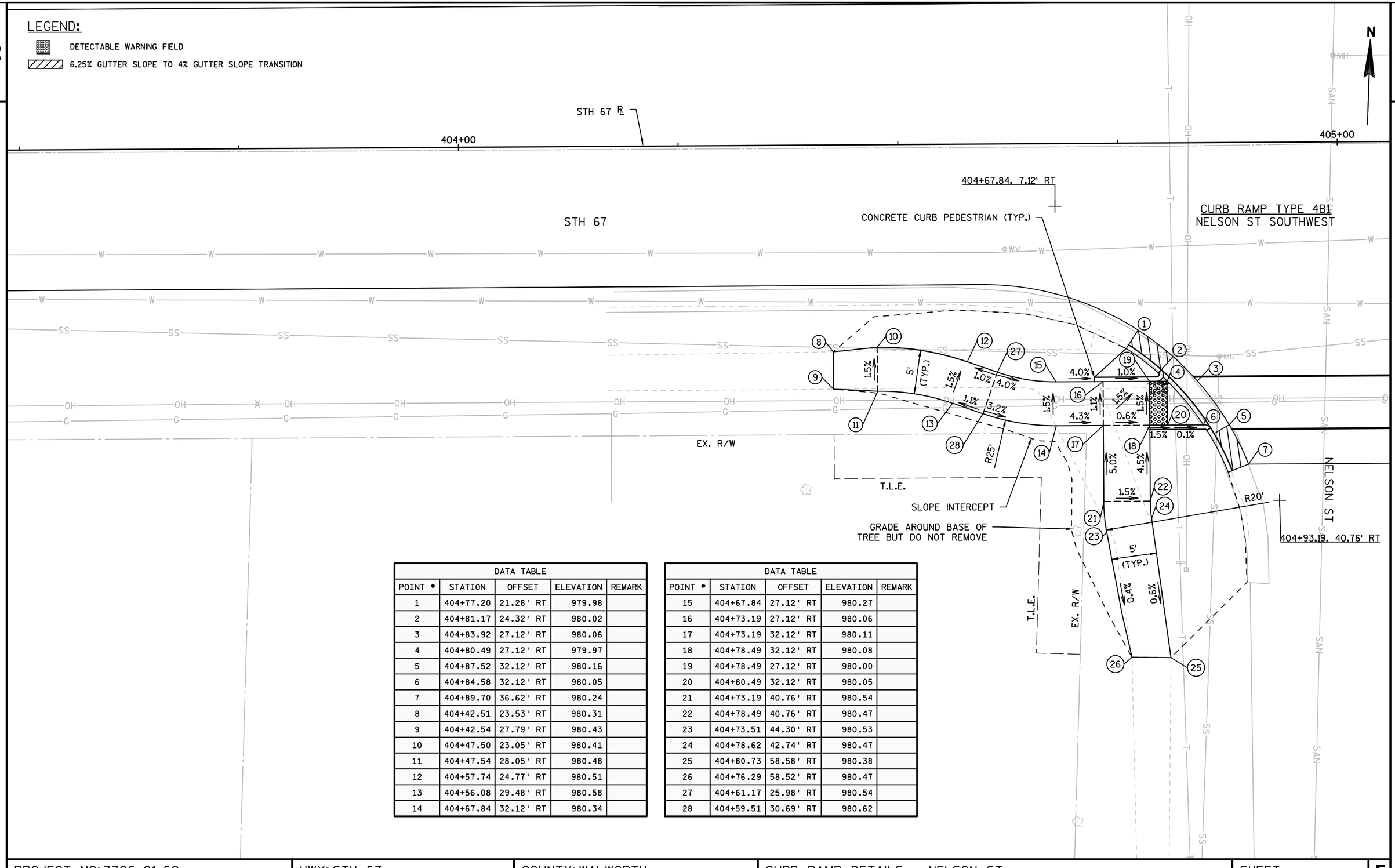


PROJECT NO:3706-01-60	HWY:STH 67	COUNTY:WALWORTH	PLAN DETAIL: B-64-79 APPROACH WORK	SHEET 16	E

LEGEND:

DETECTABLE WARNING FIELD

6.25% GUTTER SLOPE TO 4% GUTTER SLOPE TRANSITION



DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
1	404+77.20	21.28' RT	979.98	
2	404+81.17	24.32' RT	980.02	
3	404+83.92	27.12' RT	980.06	
4	404+80.49	27.12' RT	979.97	
5	404+87.52	32.12' RT	980.16	
6	404+84.58	32.12' RT	980.05	
7	404+89.70	36.62' RT	980.24	
8	404+42.51	23.53' RT	980.31	
9	404+42.54	27.79' RT	980.43	
10	404+47.50	23.05' RT	980.41	
11	404+47.54	28.05' RT	980.48	
12	404+57.74	24.77' RT	980.51	
13	404+56.08	29.48' RT	980.58	
14	404+67.84	32.12' RT	980.34	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
15	404+67.84	27.12' RT	980.27	
16	404+73.19	27.12' RT	980.06	
17	404+73.19	32.12' RT	980.11	
18	404+78.49	32.12' RT	980.08	
19	404+78.49	27.12' RT	980.00	
20	404+80.49	32.12' RT	980.05	
21	404+73.19	40.76' RT	980.54	
22	404+78.49	40.76' RT	980.47	
23	404+73.51	44.30' RT	980.53	
24	404+78.62	42.74' RT	980.47	
25	404+80.73	58.58' RT	980.38	
26	404+76.29	58.52' RT	980.47	
27	404+61.17	25.98' RT	980.54	
28	404+59.51	30.69' RT	980.62	

2

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
80	405+45.31	33.70' LT	981.94	
81	405+48.98	30.30' LT	981.94	
82	405+53.02	30.26' LT	981.84	
83	405+55.89	25.23' LT	981.85	
84	405+60.97	25.18' LT	981.71	
85	405+66.98	22.43' LT	981.89	
86	405+70.01	21.34' LT	981.96	
87	405+71.89	18.16' LT	981.93	
88	405+71.92	20.75' LT	981.85	
89	405+76.88	17.01' LT	982.05	
90	405+76.92	19.55' LT	981.96	
91	405+76.92	20.70' LT	981.94	
92	405+82.57	16.23' LT	982.18	
93	405+87.86	16.00' LT	982.30	

GRADE AROUND BASE OF TREES BUT DO NOT REMOVE

CONCRETE CURB PEDESTRIAN

SLOPE INTERCEPT

EX. R/W

T.L.E.

ADJUST INLET AND ELIMINATE CURB BOX

405+37.47, -7.88' LT

STH 67 ℄

CURB RAMP TYPE 4B1
NELSON ST NORTHEAST

CURB RAMP TYPE 3
NELSON ST NORTHEAST

406+00

CURB RAMP TYPE 4B1
NELSON ST SOUTHEAST

STH 67

CURB RAMP TYPE 7B
NELSON ST SOUTHEAST

NELSON ST

GRADE AROUND BASE OF TREE BUT DO NOT REMOVE

405+62.55, 68.16' RT

SLOPE INTERCEPT

EX. R/W

T.L.E.

R40'

R40'

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
94	405+56.48	30.22' LT	981.84	
95	405+65.74	30.12' LT	981.85	
96	405+65.68	25.12' LT	981.78	
97	405+71.97	25.06' LT	982.16	
98	405+72.02	30.06' LT	982.23	
99	405+76.97	25.00' LT	982.23	
100	405+77.02	30.00' LT	982.26	
101	405+91.97	24.84' LT	982.84	
102	405+92.02	29.84' LT	982.91	
103	405+97.02	29.79' LT	983.13	
104	405+96.97	24.79' LT	983.06	
105	406+01.97	24.88' LT	983.24	
106	406+02.02	29.35' LT	983.35	

LEGEND:

DETECTABLE WARNING FIELD

6.25% GUTTER SLOPE TO 4% GUTTER SLOPE TRANSITION

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
63	405+51.60	29.69' RT	982.28	
64	405+57.56	28.47' RT	982.70	
65	405+56.94	23.51' RT	982.63	
66	405+62.55	23.16' RT	982.55	
67	405+62.55	28.16' RT	982.63	
68	405+71.97	28.16' RT	982.20	
69	405+71.97	23.16' RT	982.13	
70	405+76.97	28.16' RT	982.24	
~~71~~	~~405+76.97~~	~~23.16' RT~~	~~982.20~~	
72	405+96.97	28.16' RT	983.68	
73	405+96.97	23.16' RT	983.60	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
74	406+01.97	23.16' RT	983.63	
75	406+01.97	28.16' RT	983.71	
76	406+06.97	27.68' RT	983.74	
77	406+06.97	23.47' RT	983.69	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
30	405+20.75	36.62' RT	981.05	
31	405+22.93	32.12' RT	981.12	
32	405+25.87	32.12' RT	981.07	
33	405+29.96	27.12' RT	981.17	
34	405+26.52	27.12' RT	981.21	
35	405+29.28	24.32' RT	981.27	
36	405+33.25	21.28' RT	981.35	
37	405+64.47	16.00' RT	981.98	
38	405+69.47	16.00' RT	982.09	
39	405+71.97	16.00' RT	982.14	
40	405+71.97	18.50' RT	982.06	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
41	405+76.97	16.00' RT	982.23	
42	405+76.97	18.50' RT	982.15	
43	405+79.47	16.00' RT	982.29	
44	405+84.47	16.00' RT	982.40	
45	405+32.33	51.63' RT	982.10	
46	405+36.28	51.79' RT	982.12	
47	405+31.47	46.59' RT	981.90	
48	405+36.47	46.80' RT	981.97	
49	405+31.68	41.59' RT	981.82	
50	405+36.67	41.80' RT	981.90	
51	405+31.87	36.91' RT	981.49	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
52	405+36.87	37.12' RT	981.59	
53	405+29.96	32.12' RT	981.13	
54	405+31.96	32.12' RT	981.16	
55	405+36.96	32.12' RT	981.23	
56	405+31.96	27.12' RT	981.20	
57	405+36.96	27.12' RT	981.26	
58	405+37.47	32.12' RT	981.27	
59	405+37.47	27.12' RT	981.30	
60	405+48.43	30.59' RT	982.05	
61	405+47.06	25.78' RT	981.97	
62	405+50.23	24.88' RT	982.18	

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CURB RAMP DETAILS - NELSON ST	SHEET 18	E

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
179	412+11.77	42.74' RT	992.53	
180	412+21.45	32.74' RT	992.25	
181	412+16.77	42.74' RT	992.45	
182	412+11.77	55.33' RT	992.90	
183	412+16.77	55.33' RT	992.83	
184	412+13.37	65.21' RT	993.27	
185	412+17.65	64.59' RT	993.15	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
150	412+00.89	16.00' RT	991.87	
151	412+11.77	18.04' RT	992.02	
152	412+11.77	20.75' RT	991.97	BOC
153	412+16.77	23.55' RT	992.05	BOC
154	412+16.77	20.55' RT	992.10	
155	412+18.36	24.76' RT	992.25	BOC
156	412+20.07	26.29' RT	992.29	BOC
157	412+21.45	27.74' RT	992.16	BOC
158	412+24.69	27.74' RT	992.28	
159	412+27.80	32.74' RT	992.41	
160	412+24.98	32.74' RT	992.32	BOC
161	412+29.73	37.74' RT	992.54	
162	411+81.70	23.02' RT	991.99	
163	411+81.72	27.74' RT	992.01	
164	411+86.70	22.85' RT	992.02	
165	411+86.72	27.85' RT	992.09	
166	411+91.68	22.83' RT	992.06	
167	411+91.70	27.83' RT	992.15	
168	411+98.22	23.90' RT	992.13	
169	411+96.61	28.63' RT	992.20	
170	412+06.30	31.94' RT	992.43	
171	412+07.91	27.20' RT	992.36	
172	412+11.14	27.74' RT	992.31	
173	412+11.77	27.74' RT	992.30	
174	412+11.14	32.74' RT	992.38	
175	412+11.77	32.74' RT	992.38	
176	412+11.77	23.55' RT	992.01	
177	412+16.77	27.74' RT	992.34	
178	412+16.77	32.74' RT	992.41	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
200	412+60.23	37.74' RT	993.50	
201	412+62.16	32.74' RT	993.54	
202	412+64.98	32.74' RT	993.48	BOC
203	412+65.27	27.74' RT	993.59	
204	412+68.51	27.74' RT	993.56	BOC
205	412+83.95	18.98' RT	994.31	BOC
206	412+91.34	16.00' RT	994.03	
207	412+91.34	18.50' RT	993.95	BOC
208	412+96.34	18.50' RT	994.06	BOC
209	412+96.34	16.00' RT	994.14	
210	412+98.84	16.00' RT	994.20	
211	413+03.84	16.00' RT	994.31	
212	412+72.85	66.25' RT	995.21	
213	412+76.24	66.25' RT	995.23	
214	412+71.05	56.41' RT	994.72	
215	412+76.05	56.32' RT	994.79	
216	412+70.60	32.74' RT	993.56	
217	412+75.60	32.74' RT	993.64	
218	412+68.60	32.74' RT	993.53	
219	412+70.51	27.74' RT	993.59	
220	412+75.51	27.74' RT	993.67	
221	412+76.81	27.74' RT	993.71	
222	412+76.82	32.74' RT	993.68	
223	412+80.20	31.93' RT	993.80	
224	412+77.94	27.47' RT	993.74	
225	412+81.22	25.81' RT	993.85	
226	412+83.47	30.27' RT	993.93	
227	412+84.49	24.16' RT	993.91	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
228	412+86.75	28.62' RT	994.00	
229	412+90.13	27.81' RT	994.06	
230	412+91.34	27.81' RT	994.09	
231	412+90.13	22.81' RT	994.00	
232	412+91.34	22.81' RT	994.02	
233	412+96.34	27.81' RT	994.12	
234	412+96.34	22.81' RT	994.09	
235	413+16.34	22.81' RT	995.04	
236	413+16.34	27.81' RT	995.11	
237	413+21.34	23.01' RT	995.28	
238	413+21.34	27.66' RT	995.35	

412+00
413+00
STH 67
CURB RAMP TYPE 2
WALWORTH ST
SOUTHWEST
CURB RAMP TYPE 4B1
WALWORTH ST
SOUTHEAST
CURB RAMP TYPE 7B
WALWORTH ST
SOUTHEAST
411+91.77, 42.83' RT
412+76.81, 25.24' RT
412+90.13, 35.31' RT
EX. R/W
SLOPE INTERCEPT
T.L.E.
GRADE AROUND BASE OF ANY TREES IN TLE BUT DO NOT REMOVE
CONCRETE CURB PEDESTRIAN (TYP.)
WALWORTH ST
FENCING TO BE RELOCATED BY PROPERTY OWNER PRIOR TO CONSTRUCTION.
R15'
R7.5'
5' (TYP.)
N

LEGEND:
DETECTABLE WARNING FIELD
6.25% GUTTER SLOPE TO 4% GUTTER SLOPE TRANSITION

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CURB RAMP DETAILS - WALWORTH ST	SHEET 19 E

LEGEND:

DETECTABLE WARNING FIELD

6.25% GUTTER SLOPE TO 4% GUTTER SLOPE TRANSITION

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
250	412+04.27	16.00' LT	992.04	
251	412+09.27	16.00' LT	992.12	
252	412+11.77	16.00' LT	992.16	
253	412+11.77	18.50' LT	992.08	BOC
254	412+16.77	18.50' LT	992.16	BOC
255	412+16.77	16.00' LT	992.24	
256	412+19.27	16.00' LT	992.29	
257	412+24.27	16.00' LT	992.37	
258	411+96.77	23.14' LT	992.48	
259	411+96.77	27.82' LT	992.47	
260	412+01.77	28.19' LT	992.61	
261	412+01.77	23.19' LT	992.53	
262	412+06.77	23.19' LT	992.46	
263	412+06.77	28.19' LT	992.53	
264	412+11.77	28.19' LT	992.18	
265	412+11.77	23.19' LT	992.15	
266	412+16.77	23.19' LT	992.23	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
267	412+16.77	28.19' LT	992.26	
268	412+26.77	23.19' LT	992.89	
269	412+26.77	28.19' LT	992.96	
270	412+31.77	23.19' LT	992.96	
271	412+31.77	28.19' LT	993.04	
272	412+36.77	23.43' LT	993.10	
273	412+36.77	27.77' LT	993.17	
275	412+04.27	18.50' LT	992.46	BOC
276	412+24.27	18.50' LT	992.79	BOC
280	412+86.34	16.00' LT	993.51	
281	412+91.34	16.00' LT	993.55	
282	412+91.34	18.50' LT	993.47	BOC
283	412+96.34	16.00' LT	993.60	
284	412+96.34	18.50' LT	993.52	BOC
285	413+03.84	18.50' LT	994.09	BOC
286	413+08.84	16.00' LT	993.72	
287	412+75.97	23.35' LT	993.81	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
288	412+76.04	28.19' LT	994.01	
289	412+81.34	28.19' LT	993.94	
290	412+81.34	23.19' LT	993.86	
291	412+86.34	28.19' LT	993.86	
292	412+86.34	23.19' LT	993.79	
293	412+76.04	31.79' LT	994.08	
294	412+85.51	31.78' LT	994.23	
295	412+91.34	28.19' LT	993.62	
296	412+91.34	23.19' LT	993.54	
297	412+96.34	28.19' LT	993.65	
298	412+96.34	23.19' LT	993.59	
299	413+06.34	23.19' LT	994.28	
300	413+06.34	28.19' LT	994.35	
301	413+11.34	28.19' LT	994.43	
302	413+11.34	23.19' LT	994.35	
303	413+16.34	27.78' LT	994.75	
304	413+16.34	23.32' LT	994.54	

N

SLOPE INTERCEPT

T.L.E.

EX. R/W

SLOPE INTERCEPT

ADJUST INLET AND ELIMINATE CURB BOX

RELOCATE MAILBOX

CURB RAMP TYPE 7B
WALWORTH ST
NORTHWEST

CURB RAMP TYPE 7B
WALWORTH ST
NORTHEAST

412+00

413+00

STH 67 ℄

STH 67

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CURB RAMP DETAILS - WALWORTH ST	SHEET 20	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 04

PLOT DATE : 10/1/2020 2:48 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

LEGEND:

DETECTABLE WARNING FIELD

6.25% GUTTER SLOPE TO 4% GUTTER SLOPE TRANSITION

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
350	421+31.63	16.00' LT	1016.86	
351	421+39.68	17.28' LT	1016.97	
352	421+39.81	19.97' LT	1016.90	BOC
353	421+44.80	19.58' LT	1017.02	
354	421+44.95	22.64' LT	1016.95	BOC
355	421+46.22	23.58' LT	1017.10	BOC
356	421+49.18	26.38' LT	1017.04	BOC
357	421+53.27	27.59' LT	1016.88	
358	421+50.20	27.59' LT	1016.84	BOC
359	421+55.87	32.59' LT	1016.77	
360	421+53.17	32.59' LT	1016.71	BOC
361	421+57.29	37.82' LT	1016.67	
362	421+14.93	23.09' LT	1017.02	
363	421+15.15	27.56' LT	1017.13	
364	421+20.16	28.31' LT	1017.10	
365	421+17.21	23.09' LT	1017.02	

421+17.21, -48.09' LT

GRADE AROUND BASE OF TREE BUT DO NOT REMOVE

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
366	421+27.23	25.19' LT	1017.01	
367	421+25.23	29.77' LT	1017.07	
368	421+25.94	30.08' LT	1017.06	
369	421+27.94	25.50' LT	1017.01	
370	421+37.96	27.59' LT	1017.01	
371	421+37.96	32.59' LT	1016.99	
372	421+40.43	32.59' LT	1016.97	
373	421+40.18	27.59' LT	1017.00	
374	421+39.95	22.88' LT	1016.94	
375	421+45.19	27.59' LT	1016.97	
376	421+45.44	32.59' LT	1016.89	
377	421+50.20	32.59' LT	1016.76	
378	421+40.67	37.59' LT	1017.14	
379	421+45.67	37.34' LT	1017.09	
380	421+41.62	42.55' LT	1017.10	
381	421+46.31	42.31' LT	1017.08	

MARTIN ST

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
400	421+89.99	37.82' LT	992.04	
401	421+91.41	32.59' LT	1016.70	
402	421+94.12	32.58' LT	1016.64	BOC
403	421+94.00	27.59' LT	1016.82	
404	421+97.08	27.59' LT	1016.79	BOC
405	421+98.09	26.38' LT	1017.00	BOC
406	421+98.70	25.72' LT	1017.01	BOC
407	421+99.66	21.49' LT	1016.93	
408	421+99.81	24.64' LT	1016.86	BOC
409	422+04.53	18.50' LT	1016.92	
410	422+04.66	21.23' LT	1016.84	BOC
411	422+10.26	16.56' LT	1016.93	
412	422+15.65	16.00' LT	1017.03	
413	422+00.36	42.83' LT	1016.94	
414	422+05.29	42.60' LT	1017.07	
415	422+00.43	37.82' LT	1016.95	
416	422+05.43	37.59' LT	1017.03	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
417	421+97.08	32.59' LT	1016.69	
418	422+00.19	32.59' LT	1016.91	
419	421+99.95	27.59' LT	1016.98	
420	422+04.80	24.40' LT	1016.86	
421	422+04.96	27.59' LT	1017.01	
422	422+05.19	32.59' LT	1016.98	
423	422+08.09	27.59' LT	1017.11	
424	422+08.09	32.59' LT	1017.08	
425	422+18.52	30.31' LT	1017.44	
426	422+16.44	25.77' LT	1017.37	
427	422+18.29	24.92' LT	1017.40	
428	422+20.38	29.46' LT	1017.47	
429	422+25.23	28.16' LT	1017.55	
430	422+26.64	23.09' LT	1017.54	
431	422+29.79	23.42' LT	1017.60	
432	422+29.99	27.71' LT	1017.62	

N

2

EX. R/W

T.L.E.

R30'

SLOPE INTERCEPT

R20'

5' (TYP.)

GRADE AROUND BASE OF LIGHT POLE

REMOVAL OF SHRUBS IS INCIDENTAL TO OTHER ITEMS IN THE CONTRACT. CONTRACTOR TO ONLY DISTURB SHRUBS WITHIN THE TLE AREA THAT ARE NECESSARY TO CONSTRUCT THE NEW CURB RAMPS.

ADJUST INLET AND ELIMINATE CURB BOX

CURB RAMP TYPE 2
MARTIN ST
NORTHWEST

CURB RAMP TYPE 2
MARTIN ST
NORTHEAST

421+37.96, -2.59' LT

STH 67

STH 67 ℄

421+00

422+00

421+35.43, 2.66' RT

422+05.90, 7.66' RT

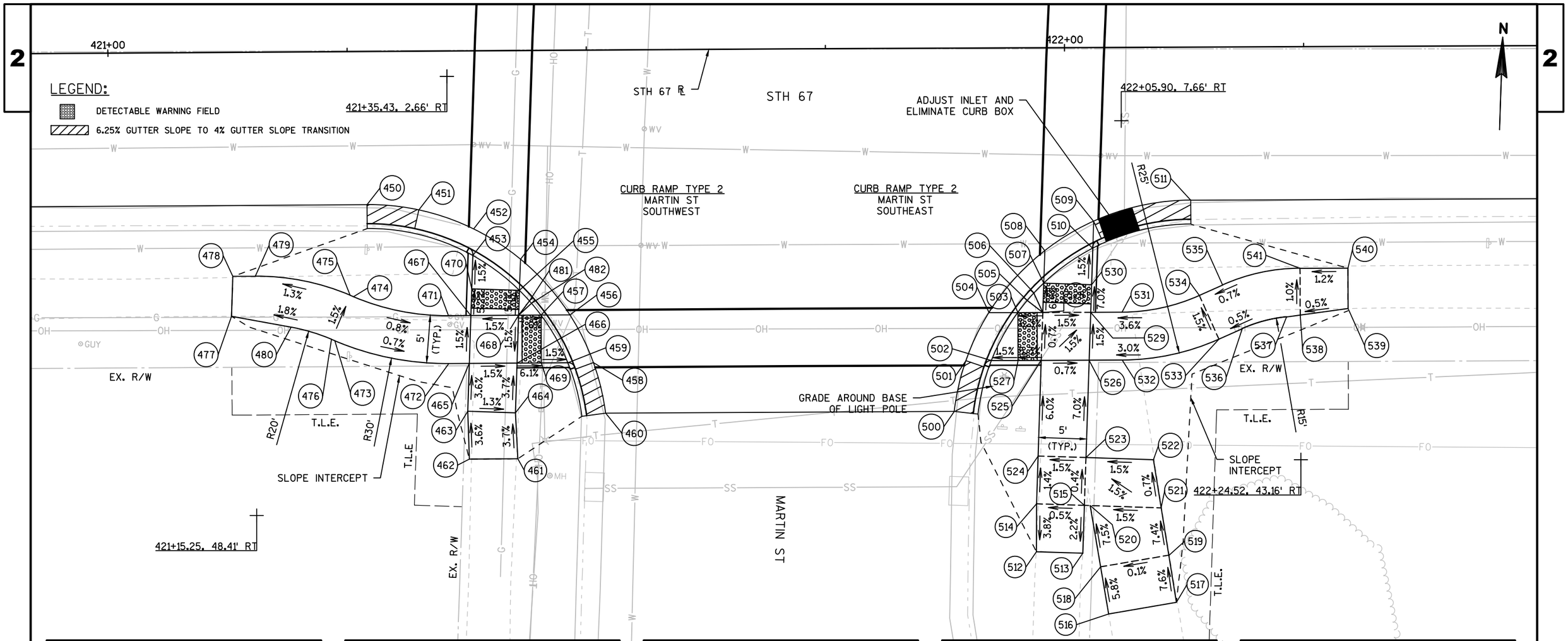
ADJUST INLET AND ELIMINATE CURB BOX

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CURB RAMP DETAILS - MARTIN ST	SHEET 21	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 05

PLOT DATE : 10/1/2020 2:48 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
450	421+26.99	16.00' RT	1016.67	
451	421+32.39	16.59' RT	1017.43	
452	421+38.12	18.61' RT	1017.51	
453	421+38.01	21.38' RT	1017.45	BOC
454	421+43.00	21.80' RT	1017.57	
455	421+42.87	25.06' RT	1017.59	BOC
456	421+48.13	27.66' RT	1017.56	
457	421+45.11	27.66' RT	1017.56	BOC
458	421+50.56	32.66' RT	1017.53	
459	421+47.89	32.66' RT	1017.45	BOC
460	421+51.81	37.95' RT	1017.50	
461	421+42.59	42.66' RT	1018.01	
462	421+37.53	42.66' RT	1018.09	
463	421+37.38	37.66' RT	1017.91	
464	421+42.38	37.85' RT	1017.84	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
465	421+37.57	32.66' RT	1017.72	
466	421+42.58	32.66' RT	1017.65	
467	421+37.77	27.66' RT	1017.65	
468	421+42.77	27.66' RT	1017.72	
469	421+45.11	32.66' RT	1017.49	
470	421+37.88	24.87' RT	1017.50	
471	421+35.43	27.66' RT	1017.67	
472	421+35.43	32.66' RT	1017.73	
473	421+23.54	30.20' RT	1017.82	
474	421+25.52	25.61' RT	1017.75	
475	421+25.16	25.46' RT	1017.74	
476	421+23.18	30.05' RT	1017.81	
477	421+12.75	27.58' RT	1017.62	
478	421+12.91	23.41' RT	1017.58	
479	421+15.25	23.41' RT	1017.61	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
480	421+18.98	28.76' RT	1017.73	
481	421+43.91	26.16' RT	1017.66	BOC
482	421+44.12	26.41' RT	1017.64	BOC
500	421+88.32	37.95' RT	1018.23	
501	421+89.57	32.66' RT	1018.22	
502	421+92.22	32.66' RT	1018.14	BOC
503	421+95.02	27.66' RT	1018.12	BOC
504	421+91.99	27.66' RT	1018.21	
505	421+96.01	26.41' RT	1018.27	BOC
506	421+96.73	25.66' RT	1018.25	BOC
507	421+97.73	24.60' RT	1018.07	BOC
508	421+97.85	21.21' RT	1018.11	
509	422+02.97	18.16' RT	1018.00	
510	422+02.87	20.98' RT	1017.95	BOC
511	422+13.13	16.00' RT	1017.94	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
512	421+96.84	52.65' RT	1018.80	
513	422+01.69	52.83' RT	1018.90	
514	421+96.88	47.65' RT	1018.99	
515	422+01.87	47.83' RT	1019.01	
516	422+04.37	59.19' RT	1019.80	
517	422+11.45	58.01' RT	1019.88	
518	422+03.55	54.26' RT	1019.51	
519	422+10.72	53.06' RT	1019.50	
520	422+02.48	47.86' RT	1019.02	
521	422+09.90	48.13' RT	1019.13	
522	422+09.11	43.10' RT	1019.10	
523	422+02.06	42.84' RT	1018.99	
524	421+97.06	42.65' RT	1018.92	
525	421+97.43	32.66' RT	1018.31	
526	422+02.43	32.66' RT	1018.28	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
527	421+95.01	32.66' RT	1018.18	
528	421+97.61	27.66' RT	1018.28	
529	422+02.62	27.66' RT	1018.20	
530	422+02.72	24.79' RT	1018.00	
531	422+05.90	27.66' RT	1018.32	
532	422+05.90	32.66' RT	1018.38	
533	422+16.01	30.52' RT	1018.69	
534	422+13.99	25.95' RT	1018.62	
535	422+16.43	24.87' RT	1018.64	
536	422+18.45	29.44' RT	1018.71	
537	422+23.09	28.23' RT	1018.73	
538	422+24.52	28.09' RT	1018.74	
539	422+29.52	27.39' RT	1018.76	
540	422+29.52	23.16' RT	1018.74	
541	422+24.52	23.16' RT	1018.69	

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CURB RAMP DETAILS - MARTIN ST	SHEET 22	E

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
600	434+26.37	16.00' RT	1007.32	
601	434+40.80	19.43' RT	1007.17	
602	434+45.90	22.65' RT	1007.11	
603	434+41.45	22.64' RT	1007.07	BOC
604	434+51.10	27.68' RT	1007.04	
605	434+47.73	27.65' RT	1006.98	BOC
606	434+54.13	32.07' RT	1016.67	
607	434+37.00	22.64' RT	1007.13	
608	434+37.00	27.64' RT	1007.08	
609	434+31.00	22.63' RT	1007.55	
610	434+31.00	27.63' RT	1007.48	
611	434+21.00	22.62' RT	1008.10	
612	434+21.00	27.62' RT	1008.18	
613	434+16.00	22.61' RT	1008.18	
614	434+16.00	27.61' RT	1008.25	
615	434+11.00	23.12' RT	1008.40	
616	434+11.00	27.69' RT	1008.47	
625	434+88.64	32.08' RT	1006.65	
626	434+91.67	27.69' RT	1006.53	
627	434+95.00	27.70' RT	1006.39	BOC
628	434+96.81	22.70' RT	1018.13	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
629	435+01.23	22.70' RT	1006.23	BOC
630	435+02.98	21.73' RT	1006.35	BOC
631	435+04.05	21.21' RT	1006.33	BOC
632	435+05.89	20.44' RT	1006.12	BOC
633	435+05.89	17.78' RT	1006.18	
634	435+11.29	16.41' RT	1006.08	
635	435+11.29	18.95' RT	1006.01	BOC
636	435+16.40	16.00' RT	1005.99	
637	435+05.88	27.71' RT	1006.30	
638	435+05.89	22.71' RT	1006.27	
639	435+11.28	20.44' RT	1006.03	
640	435+11.28	22.71' RT	1006.19	
641	435+11.28	27.71' RT	1006.26	
642	435+21.28	22.72' RT	1006.66	
643	435+21.28	27.72' RT	1006.74	
644	435+26.28	23.25' RT	1006.63	
645	435+26.28	27.73' RT	1006.69	
675	434+93.43	16.00' LT	1005.91	
676	434+98.43	18.44' LT	1006.29	BOC
677	435+03.43	16.00' LT	1005.82	
678	435+05.93	16.00' LT	1005.80	

DATA TABLE				
POINT #	STATION	OFFSET	ELEVATION	REMARK
679	435+05.93	18.50' LT	1005.72	BOC
680	435+11.32	16.00' LT	1005.76	
681	435+11.32	18.50' LT	1005.68	BOC
682	435+13.82	16.00' LT	1005.75	
683	435+18.82	18.50' LT	1018.13	BOC
684	434+80.93	23.35' LT	1006.90	
685	434+80.94	27.46' LT	1006.98	
686	434+85.94	27.87' LT	1006.94	
687	434+86.00	22.87' LT	1006.87	
688	434+91.00	22.93' LT	1006.84	
689	434+90.94	27.93' LT	1006.91	
690	435+05.94	28.11' LT	1005.86	
691	435+05.93	23.11' LT	1005.79	
692	435+11.32	23.18' LT	1005.75	
693	435+11.34	28.18' LT	1005.83	
694	435+16.83	27.69' LT	1006.08	
695	435+16.83	23.31' LT	1006.02	
696	435+16.91	32.69' LT	1006.49	
697	435+29.08	32.50' LT	1006.55	
698	435+28.96	27.51' LT	1006.50	
699	435+28.85	23.08' LT	1006.44	

REMOVAL OF SHRUBS IS INCIDENTAL TO OTHER ITEMS IN THE CONTRACT. CONTRACTOR TO ONLY DISTURB SHRUBS WITHIN THE TLE AREA THAT ARE NECESSARY TO CONSTRUCT THE NEW CURB RAMP

T.L.E.

SLOPE INTERCEPT

EX. R/W

N

CURB RAMP TYPE 7B
PARK AVE NORTHEAST

435+00

STH 67

STH 67 ℄

CURB RAMP TYPE 4B1
PARK AVE
SOUTHWEST

CURB RAMP TYPE 2
PARK AVE
SOUTHEAST

EX. R/W

SLOPE INTERCEPT

PARK AVE

EX. R/W

T.L.E.

SLOPE INTERCEPT

EX. R/W

LEGEND:

DETECTABLE WARNING FIELD

6.25% GUTTER SLOPE TO 4% GUTTER SLOPE TRANSITION

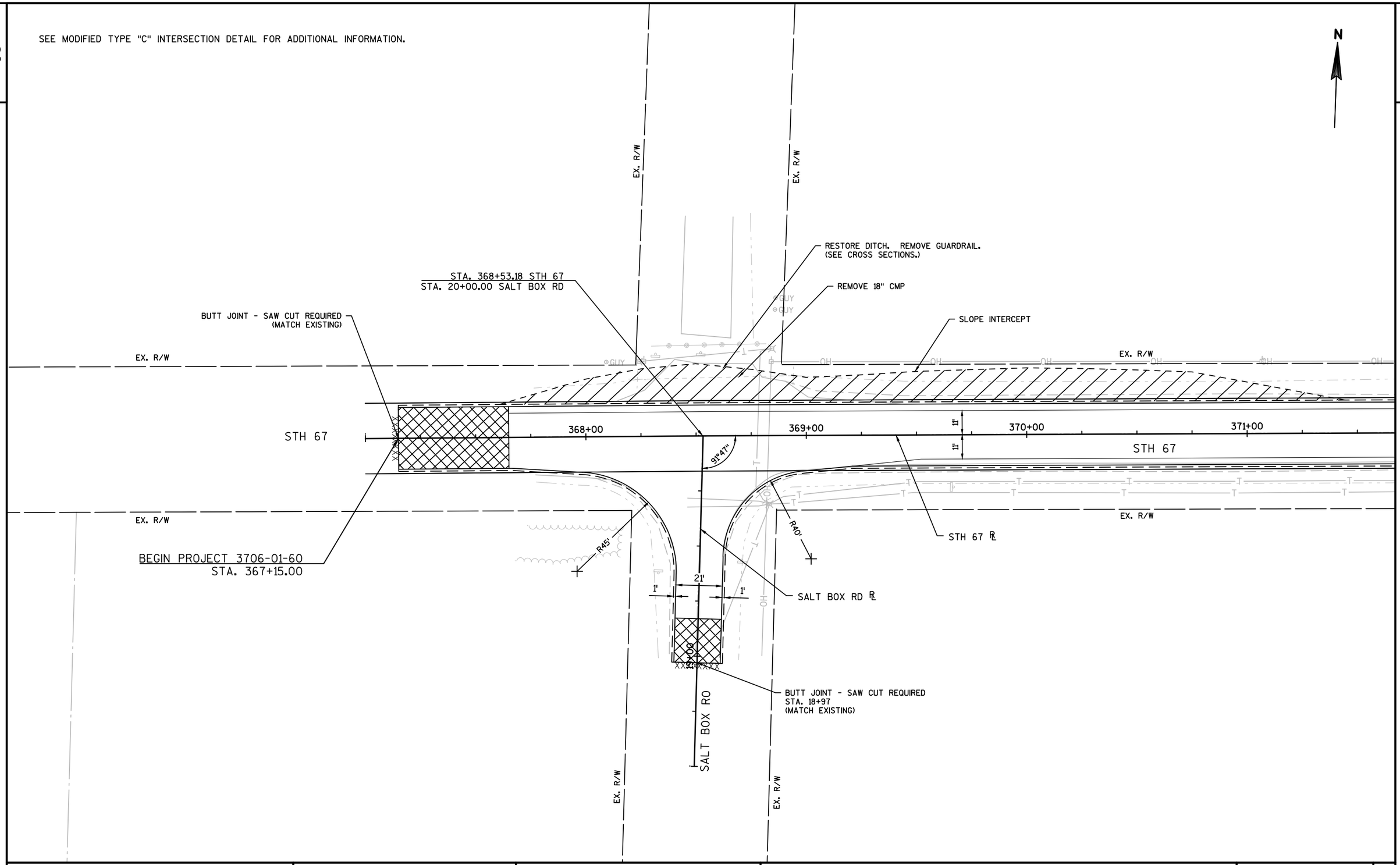
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CURB RAMP DETAILS - PARK AVE	SHEET 23	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 07

PLOT DATE : 10/1/2020 2:49 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - SALT BOX RD	SHEET 24	E

SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.

N

BUTT JOINT - SAW CUT REQUIRED
STA. 18+25
(MATCH EXISTING)

NEW FACTORY RD ℄

EX. R/W

1'

24'

1'

R23'

ISLANDS COMPLETED UTILIZING
PAVEMENT MARKINGS

R75'

STA. 378+68.53 STH 67
STA. 20+00 NEW FACTORY RD

STH 67 ℄

WETLANDS

EX. R/W

EX. R/W

376+00

377+00

378+00

379+00

380+00

381+00

11'

11'

STH 67

0.4%

150°55"

R15'

EX. R/W

NEW FACTORY RD

1'

24'

1'

BUTT JOINT - SAW CUT REQUIRED
STA. 21+52
(MATCH EXISTING)

EX. R/W

BUTT JOINT
SEE S.D.D. "PAVEMENT DETAILS FOR
RAILROAD APPROACH"

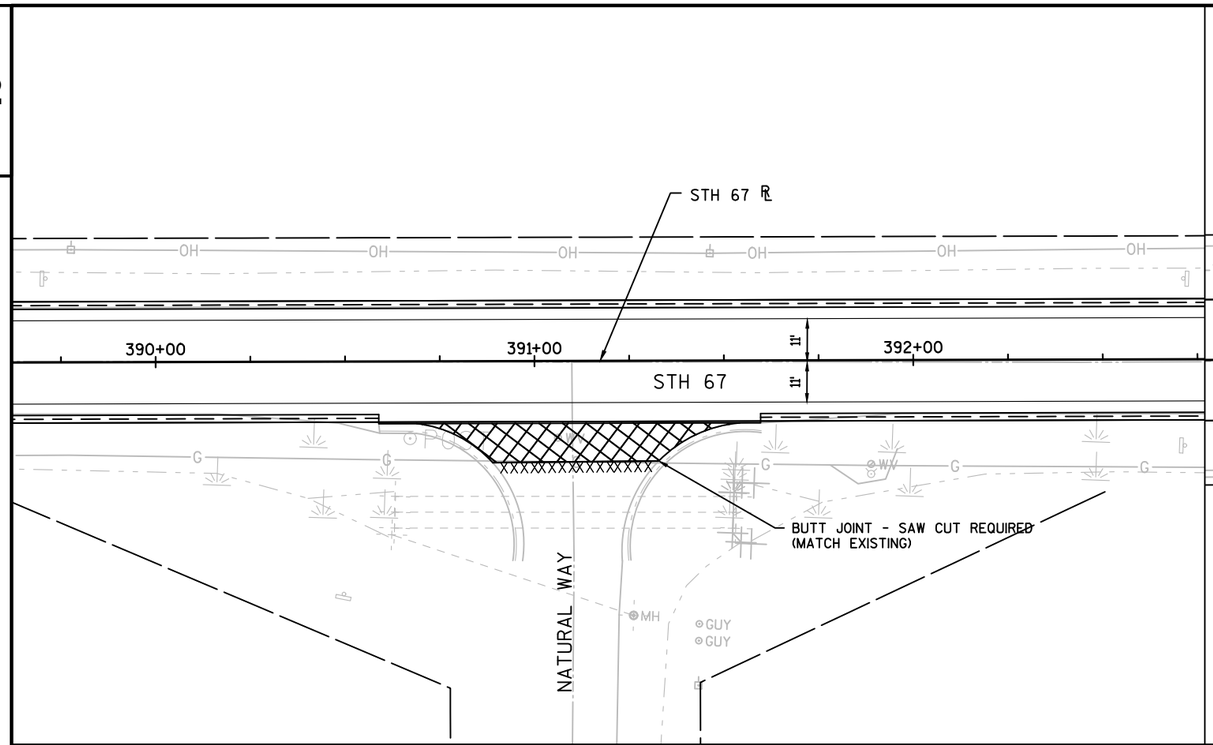
UNION PACIFIC RAILROAD

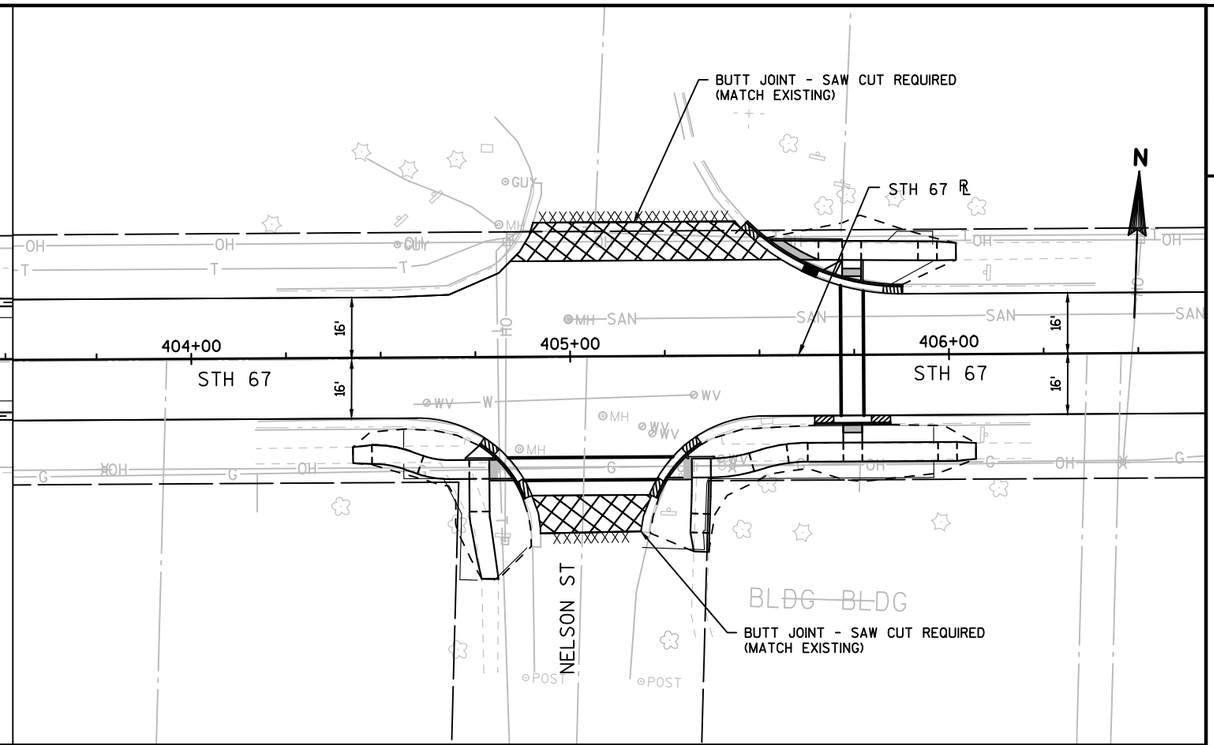
R125'

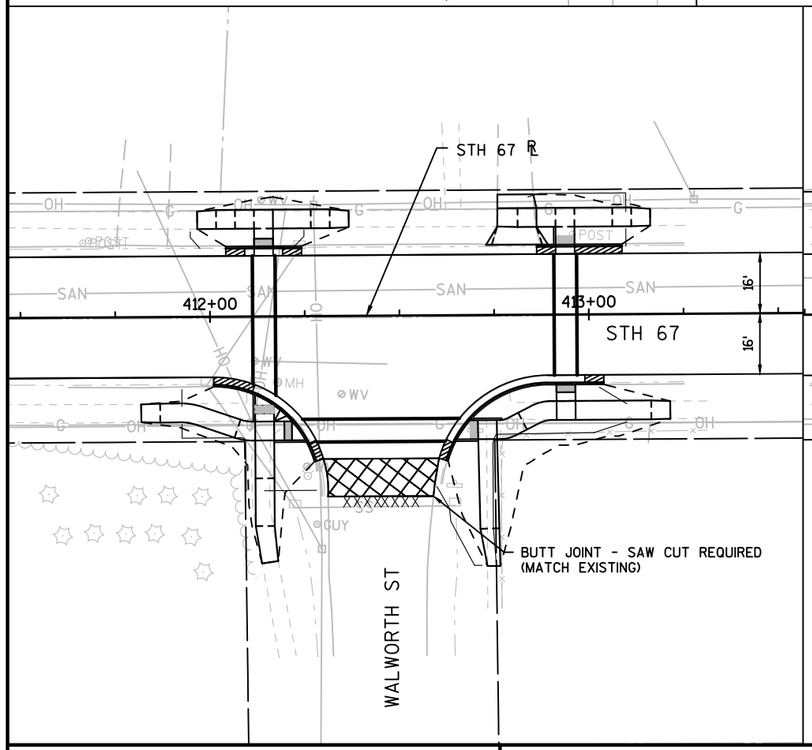
EX. R/W

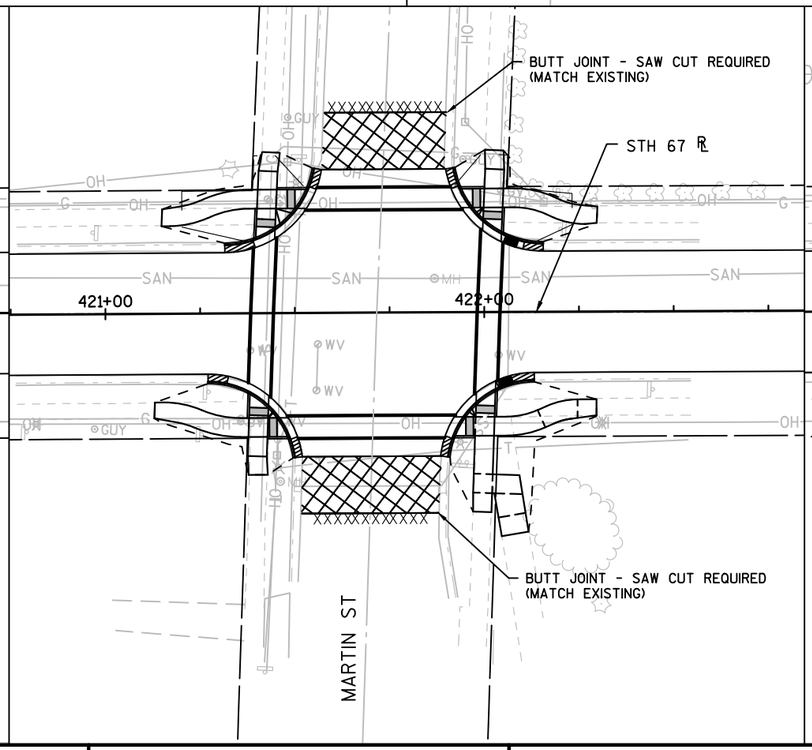
GUY

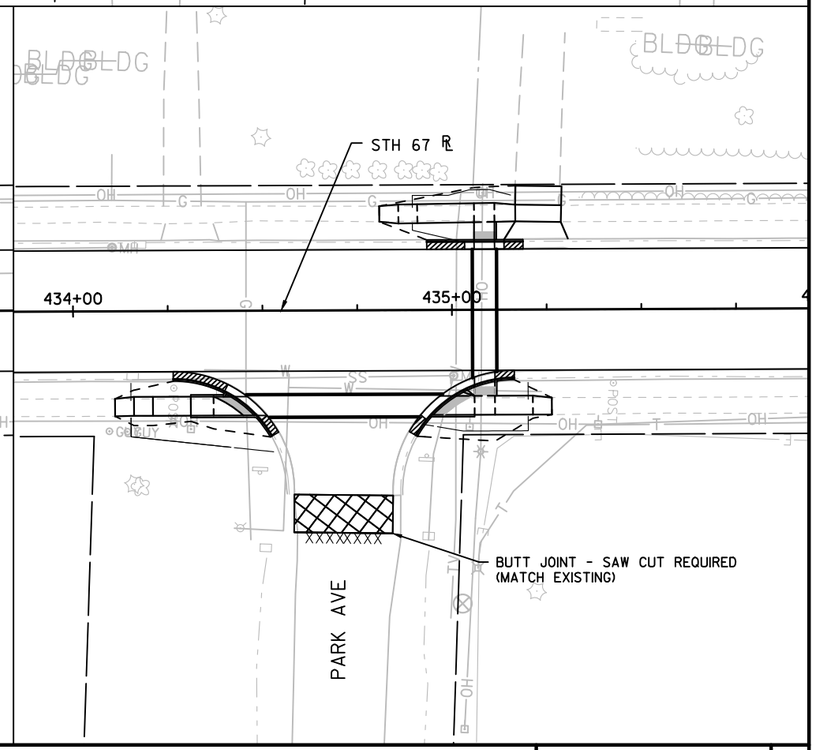
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - NEW FACTORY RD	SHEET 25	E





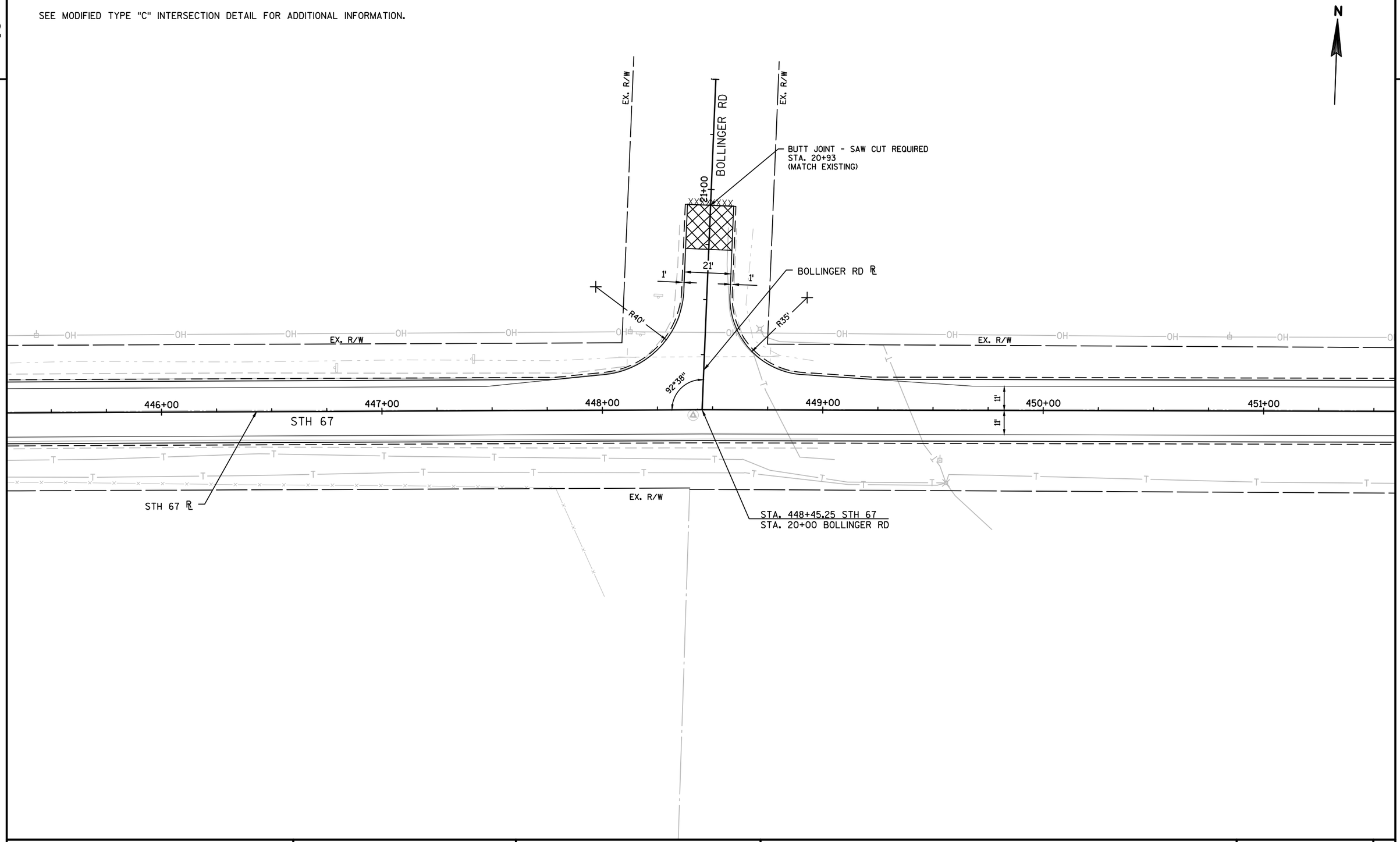






PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - URBAN ROADS	SHEET 26	E

SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - BOLLINGER RD	SHEET 27	E

SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.

N

BUTT JOINT - SAW CUT REQUIRED
STA. 20+98
(MATCH EXISTING)

PETERS RD

EX. R/W

EX. R/W

PETERS RD ℄

21'

1'

1'

R40'

R40'

EX. R/W

EX. R/W

91°53"

472+00

473+00

474+00

475+00

476+00

477+00

478+00

11'

11'

STH 67

EX. R/W

EX. R/W

STH 67 ℄

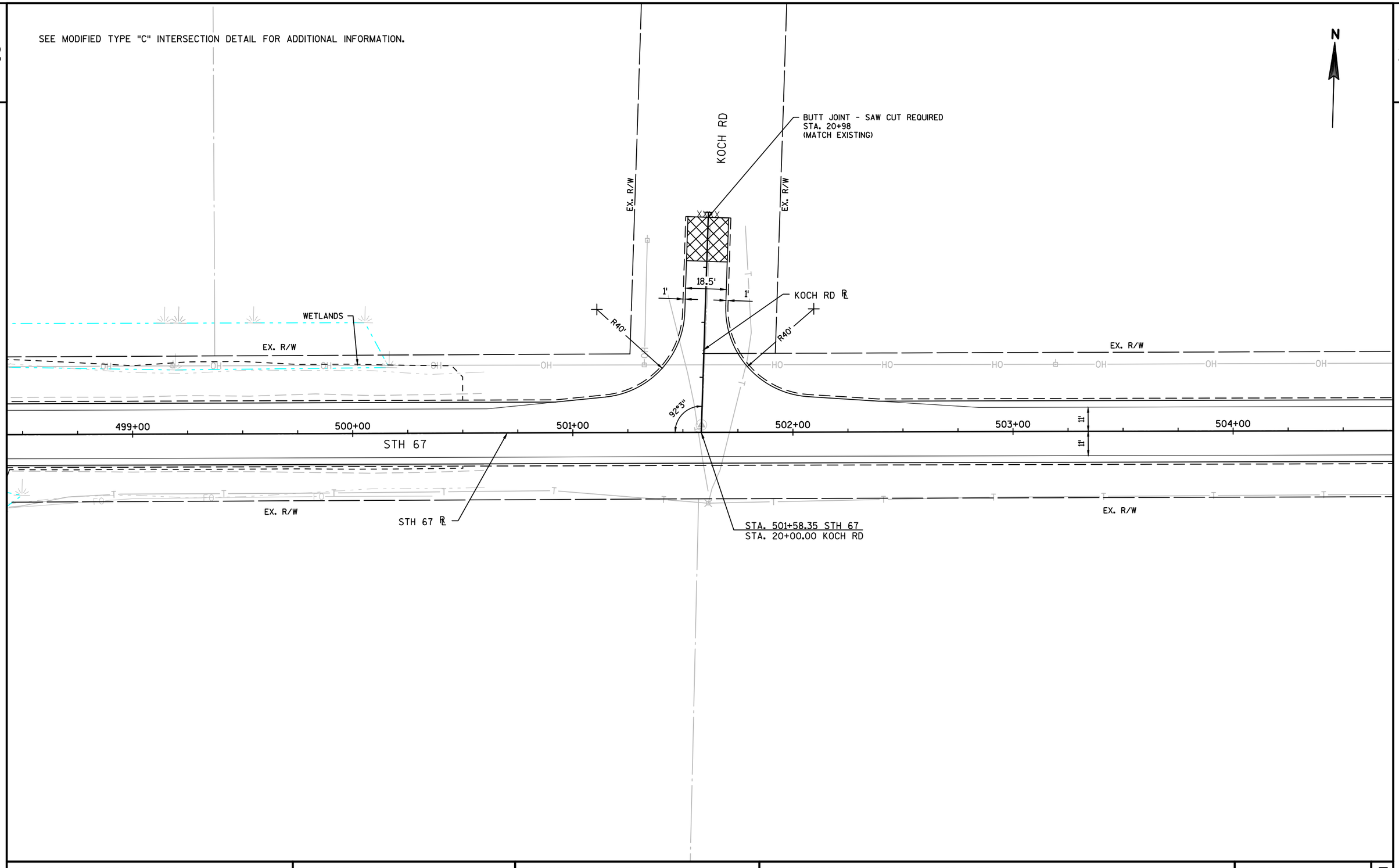
STA. 474+98.42 STH 67
STA. 20+00.00 PETERS RD

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - PETERS RD	SHEET 28	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 04

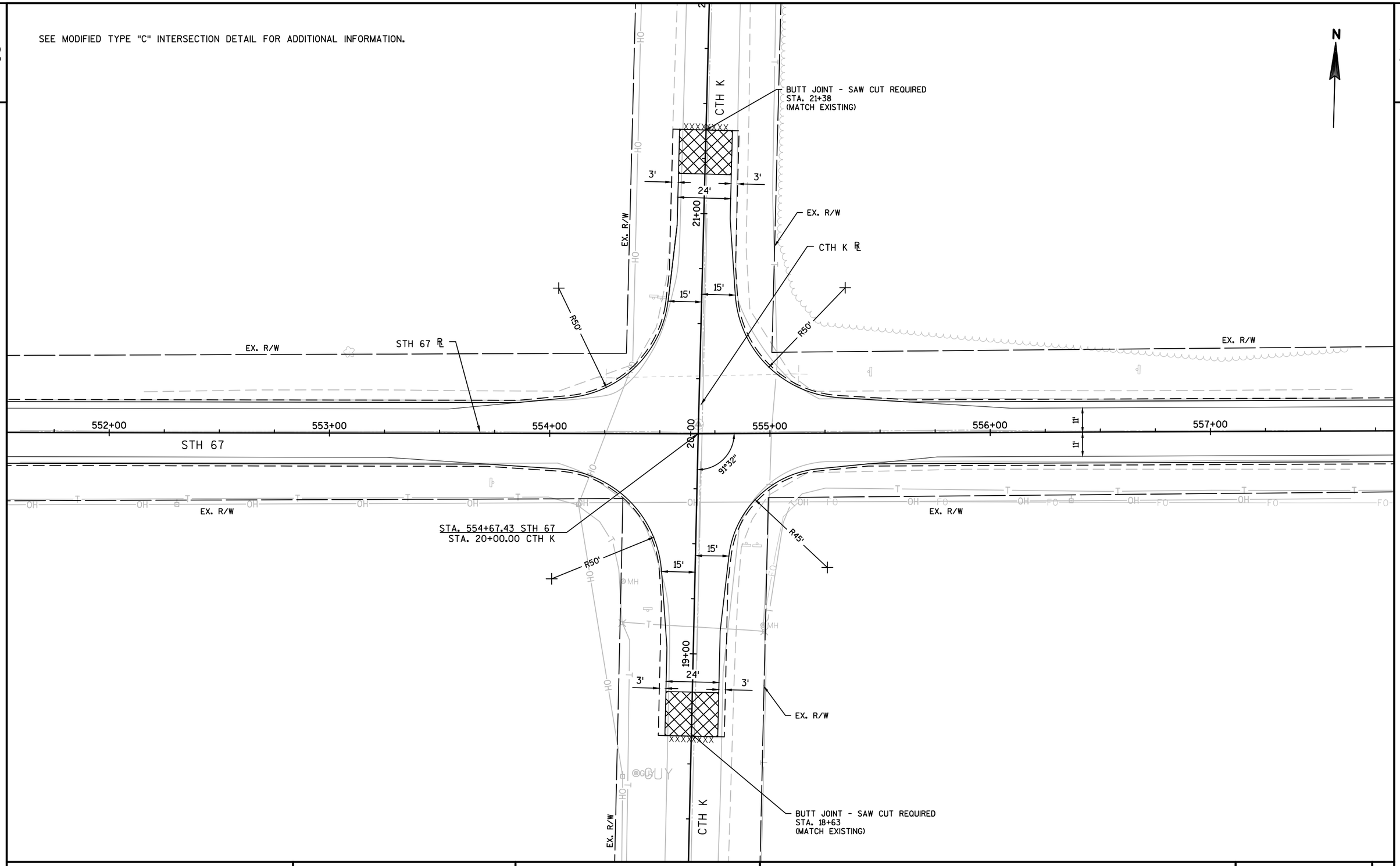
PLOT DATE : 10/1/2020 3:38 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:40 FT

SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - KOCH RD	SHEET 29	E

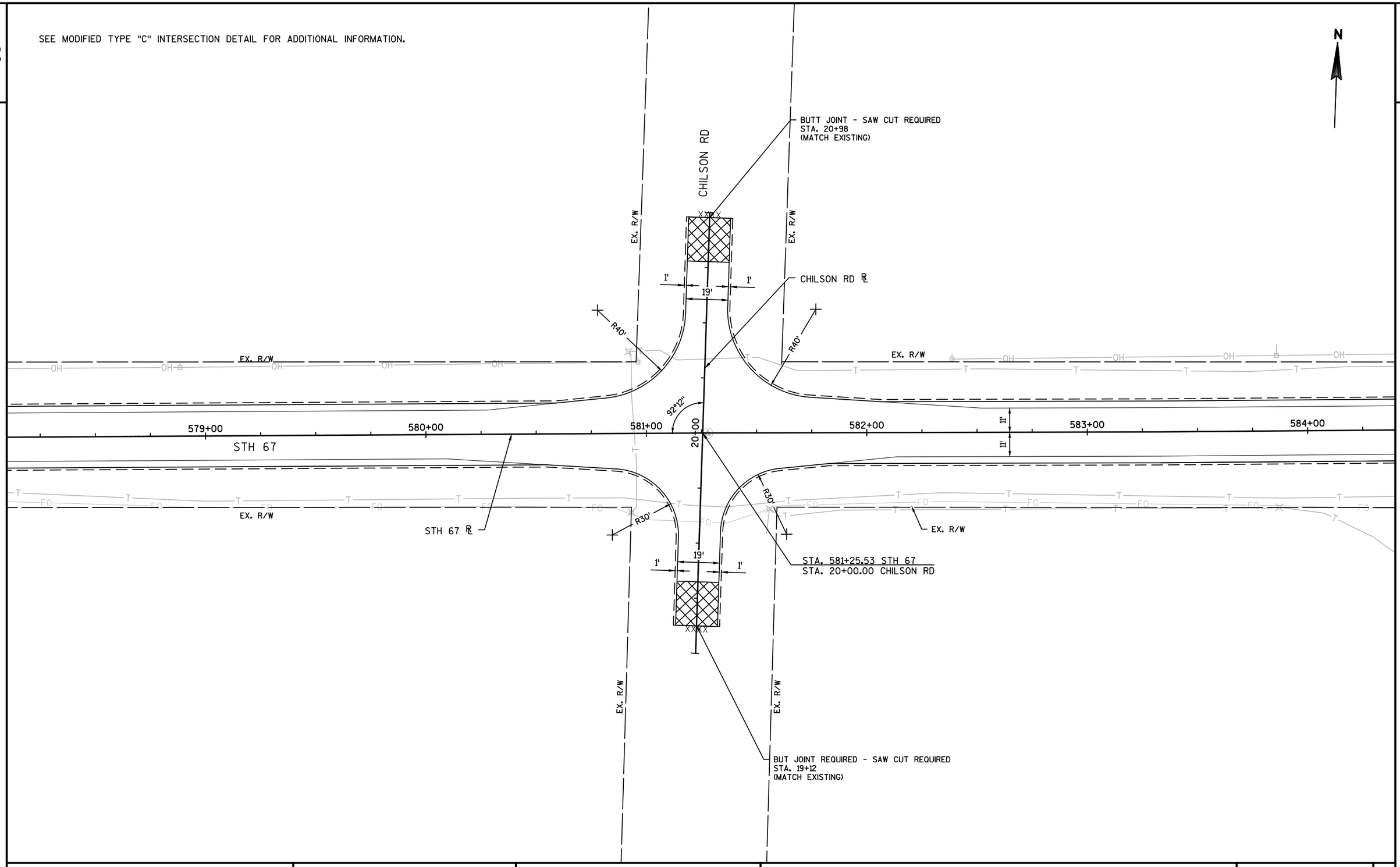
SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - CTH K	SHEET 30	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 06
PLOT DATE : 10/1/2020 3:42 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

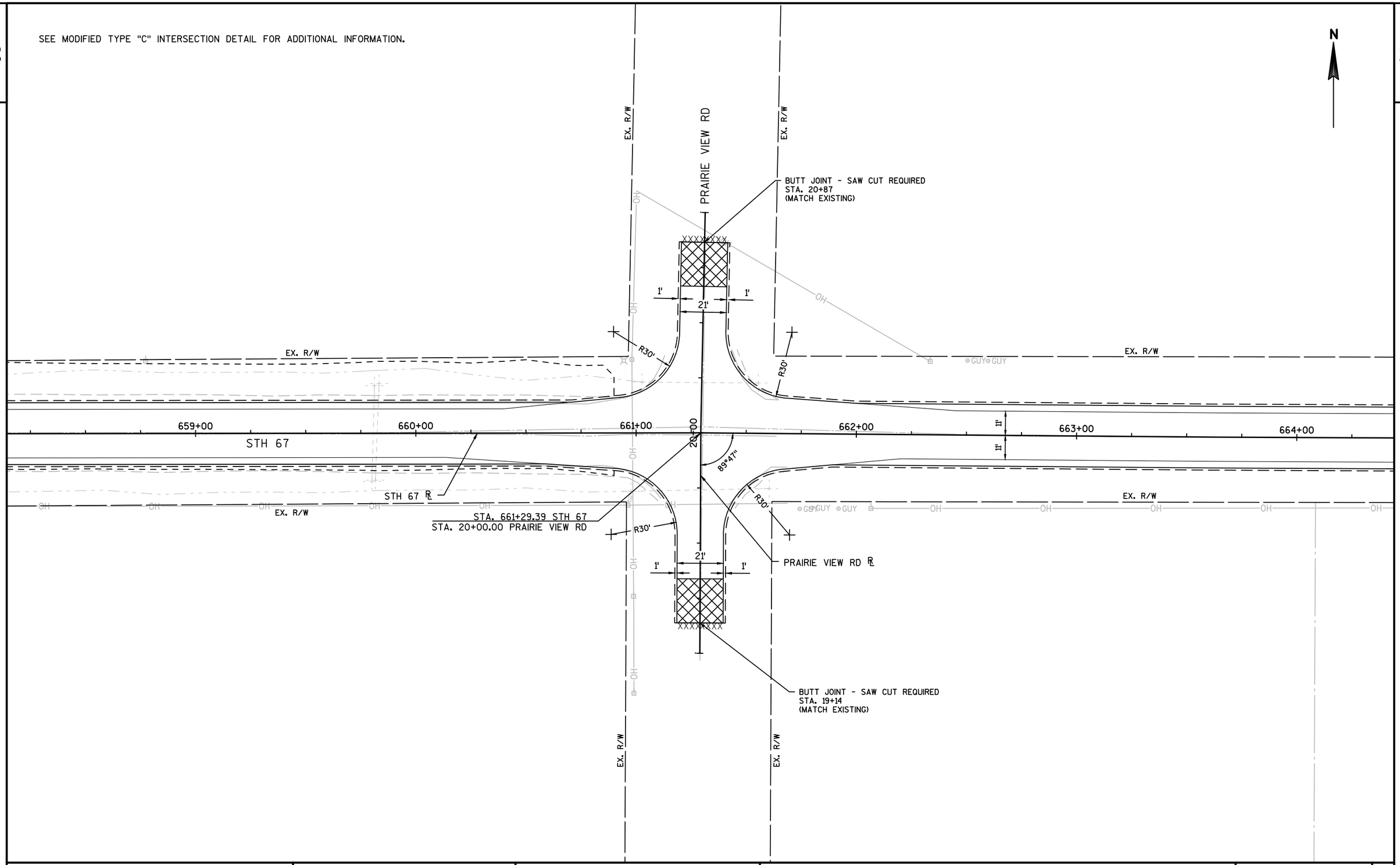
SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - CHILSON RD	SHEET	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 07
PLOT DATE : 10/1/2020 3:44 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.

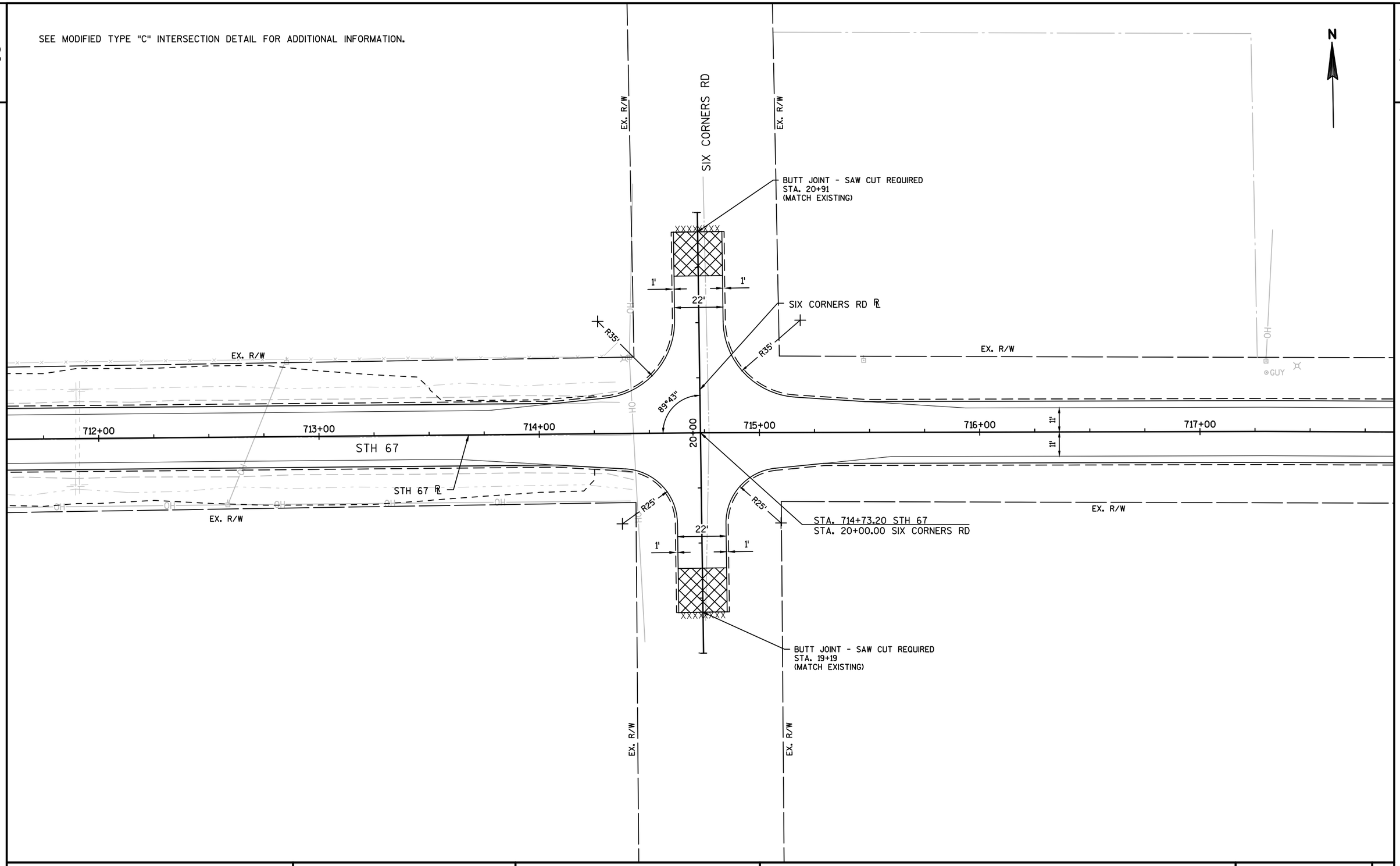


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - PRAIRIE VIEW RD	SHEET	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\021102-ID.DWG
LAYOUT NAME - 08

PLOT DATE : 10/1/2020 3:47 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:40 FT

SEE MODIFIED TYPE "C" INTERSECTION DETAIL FOR ADDITIONAL INFORMATION.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - SIX CORNERS RD	SHEET 33	E

2

N

EX. R/W

USH 14/STH 67

EX. R/W

OH OH OH GUY OH OH OH OH OH

765+00

766+00

767+00

768+00

11'

11'

STH 67

STH 67 ℄

EX. R/W

BUTT JOINT - SAW CUT REQUIRED
(MATCH EXISTING)

END PROJECT 3706-01-60
STA. 767+20

HO

HO

USH 14

EX. R/W

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	INTERSECTION DETAIL - USH 14	SHEET 34	E

2

N

368+00 369+00 370+00 371+00 372+00

EX. R/W

EX. R/W

LEGEND

- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM
- SILT FENCE
- SILT FENCE DOUBLE STAKED
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE DENOTED)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- CRG — CURB RAMP GRADING, SHAPING AND FINISHING

N

404+00 405+00 406+00 407+00 408+00 409+00

CRG TLE EX. R/W C

CRG TLE EX. R/W C

CRG TLE C

BLDG BLDG

POST POST

NOTE:
INLET PROTECTION TO BE PROVIDED AT ALL EXISTING INLETS ALONG STH 67 WITHIN THE URBAN PORTION OF THE PROJECT

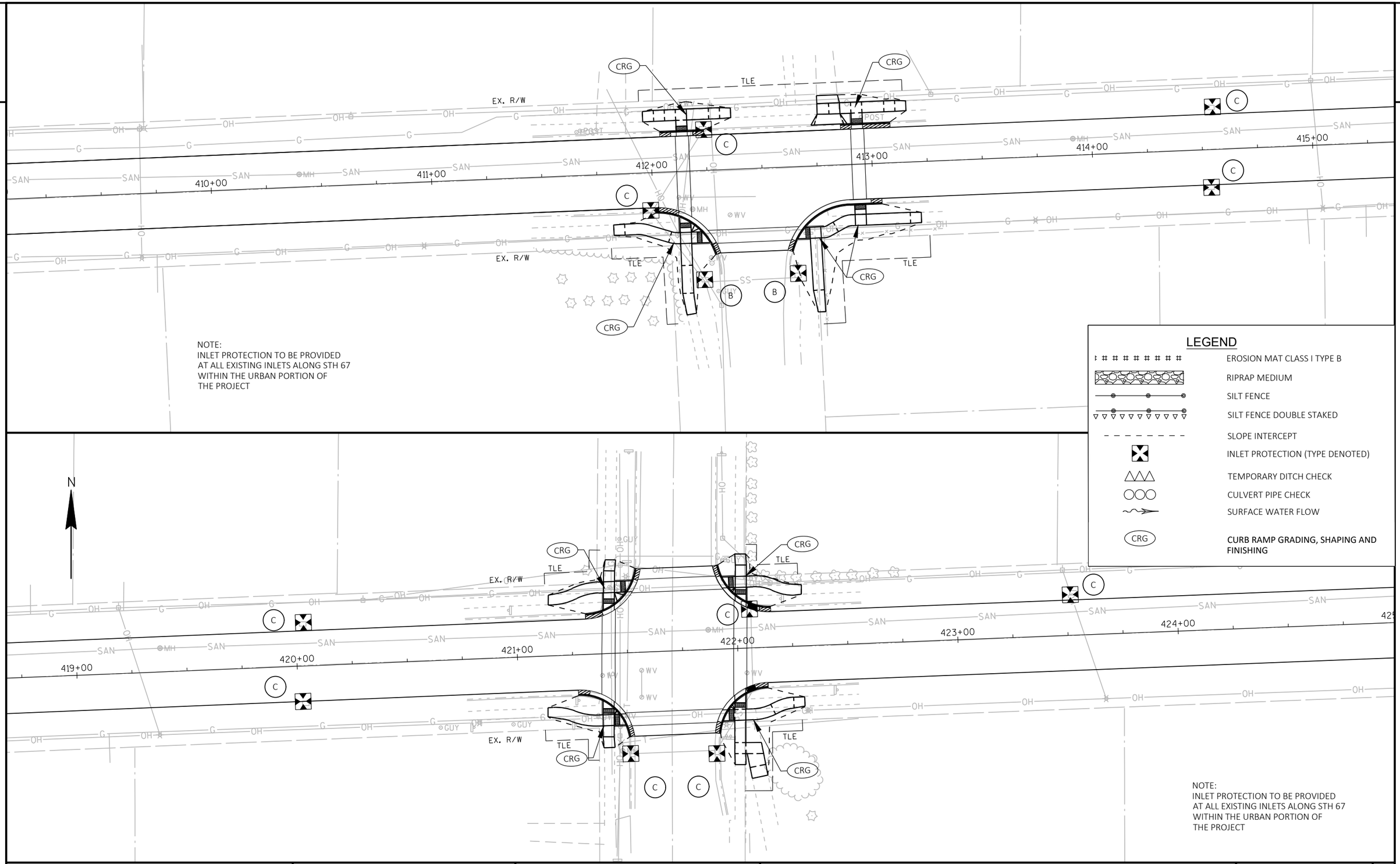
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL	SHEET 35	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 01

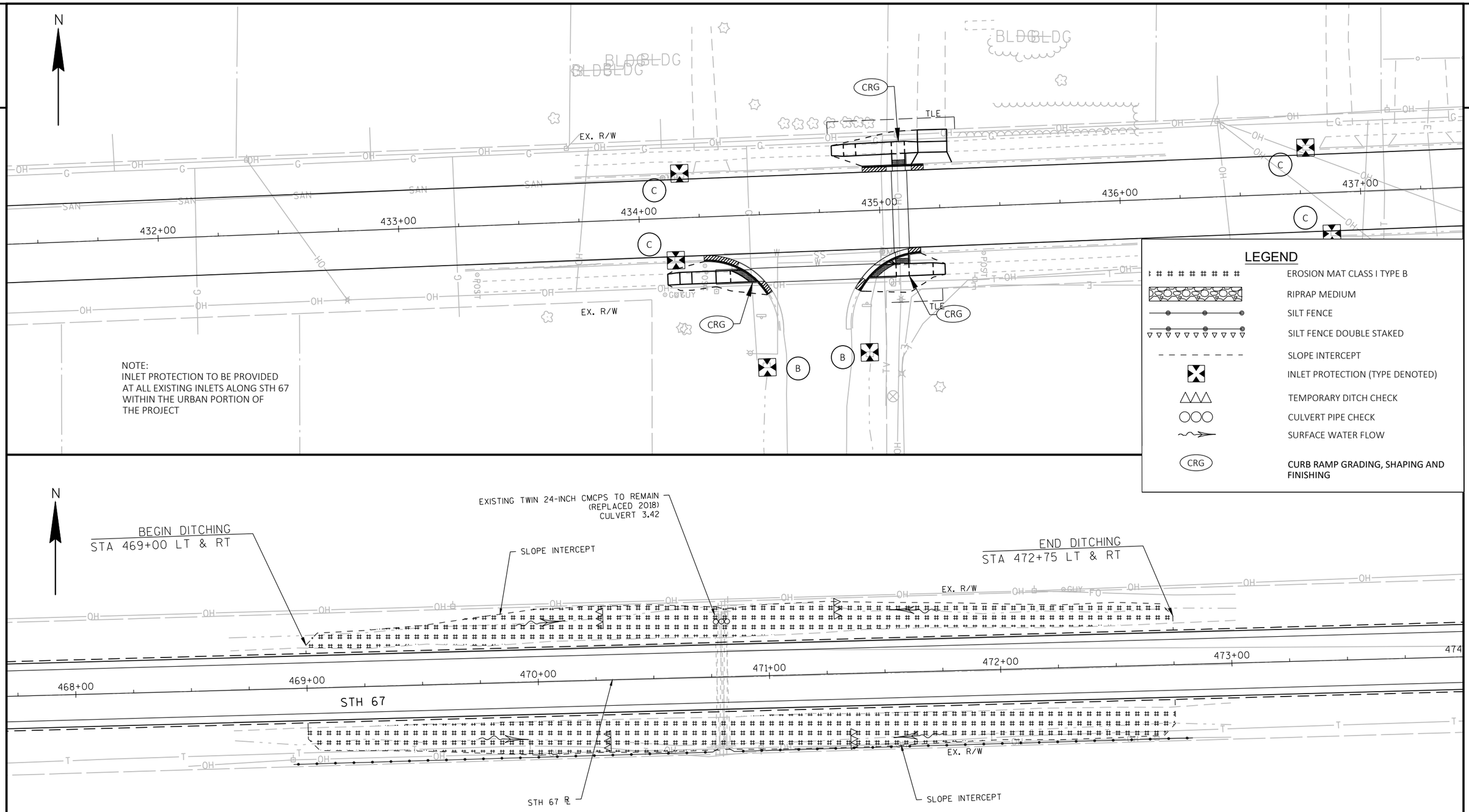
PLOT DATE : 11/19/2020 8:49 AM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

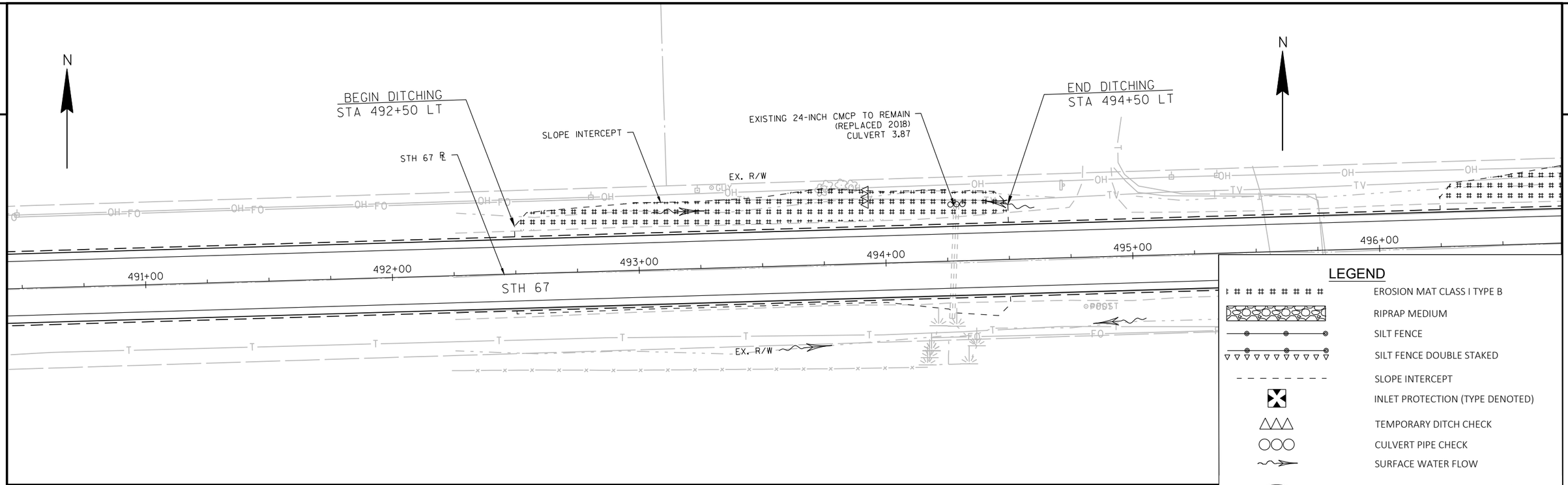
2

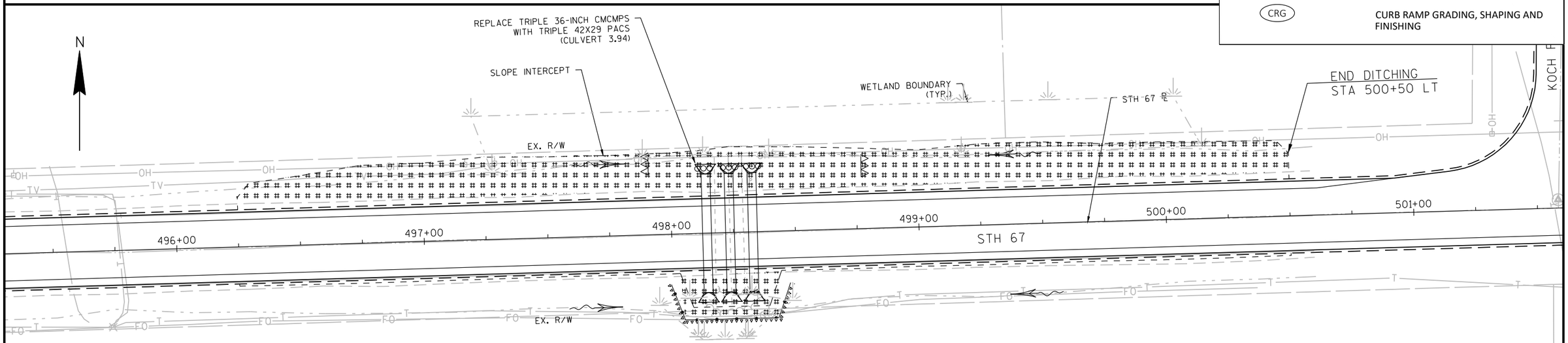


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL	SHEET 36	E



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL	SHEET 37	E





LEGEND

- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM
- SILT FENCE
- SILT FENCE DOUBLE STAKED
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE DENOTED)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- CRG — CURB RAMP GRADING, SHAPING AND FINISHING

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL	SHEET 38	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 04

PLOT DATE : 11/19/2020 8:50 AM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

585+00
586+00
587+00
588+00
589+00
590+00
591+00

LEGEND

- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM
- SILT FENCE
- SILT FENCE DOUBLE STAKED
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE DENOTED)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- CRG — CURB RAMP GRADING, SHAPING AND FINISHING

N

TLE
PLE
PRW
PRW
591+00
592+00
593+00
594+00
595+00
596+00
597

RIPRAP MEDIUM
6'X6'

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL	SHEET 39	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 05

PLOT DATE : 11/19/2020 8:50 AM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

PRW

596+00 597+00 598+00 599+00 600+00 601+00

LEGEND

- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM
- SILT FENCE
- SILT FENCE DOUBLE STAKED
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE DENOTED)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- CRG — CURB RAMP GRADING, SHAPING AND FINISHING

N

BEGIN DITCHING
STA 657+75 LT

SLOPE INTERCEPT

REPLACE EXISTING 18-INCH CMCP WITH 24-INCH CMCP (CULVERT 7.02)

END DITCHING
STA 660+90 LT

STH 67 ℄

EX. R/W

PRAIRIE VIEW RD

657+00 658+00 659+00 660+00 661+00 662+00 663+00

STH 67

EX. R/W

RIPRAP MEDIUM
6'X6'

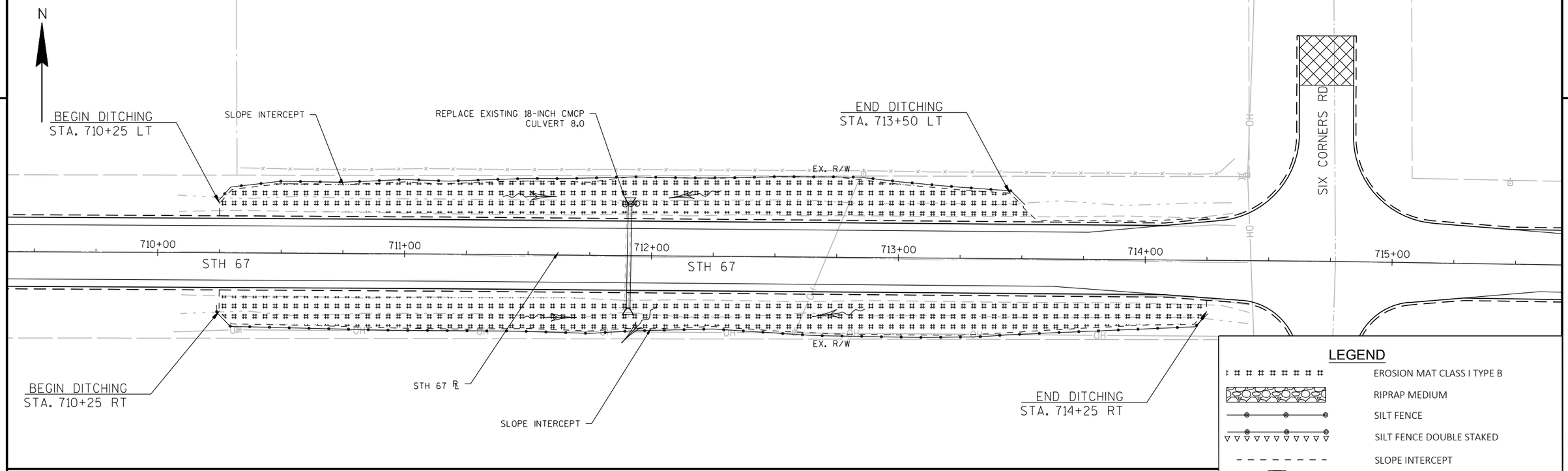
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL	SHEET 40	E

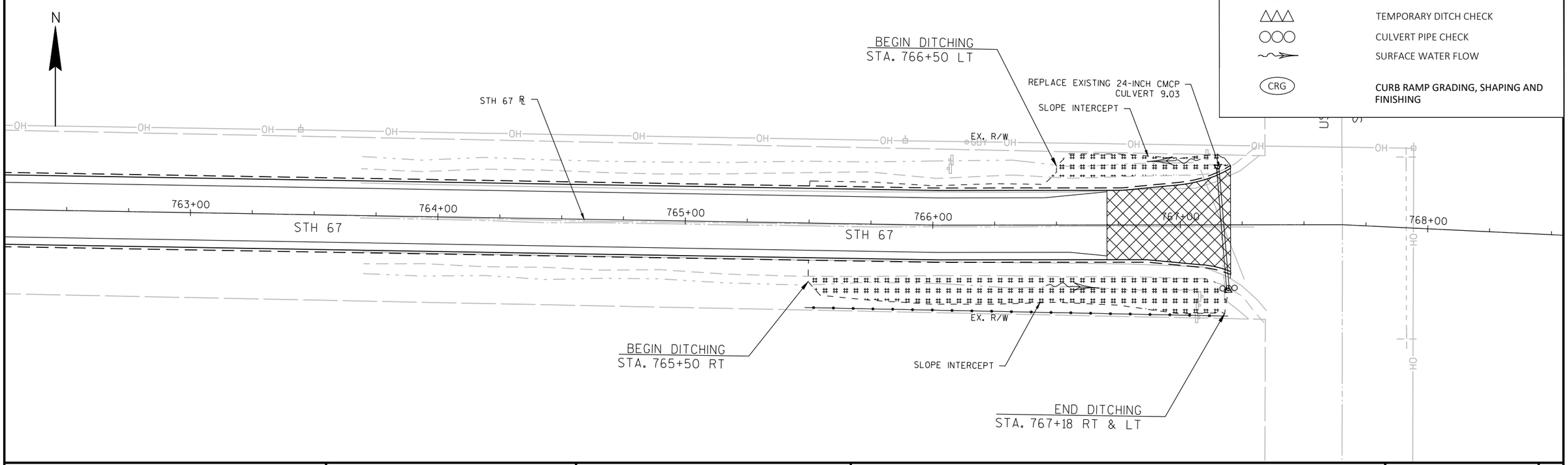
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 06

PLOT DATE : 11/19/2020 8:50 AM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2





LEGEND

- EROSION MAT CLASS I TYPE B
- RIPRAP MEDIUM
- SILT FENCE
- SILT FENCE DOUBLE STAKED
- SLOPE INTERCEPT
- INLET PROTECTION (TYPE DENOTED)
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW
- CRG — CURB RAMP GRADING, SHAPING AND FINISHING

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	EROSION CONTROL	SHEET 41	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\022002-EC.DWG
LAYOUT NAME - 07

PLOT DATE : 11/19/2020 8:50 AM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

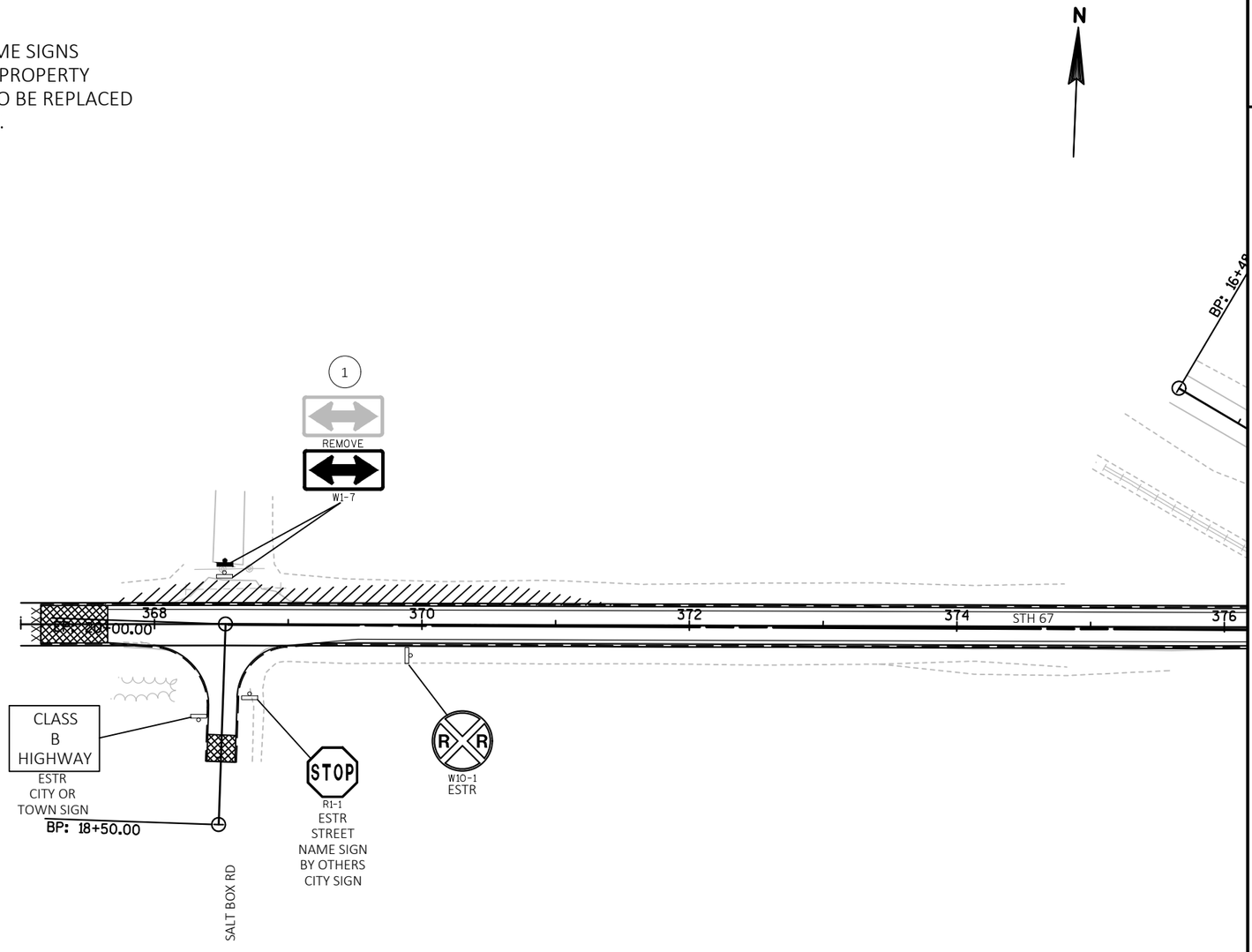
(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

NOTE:

STREET NAME SIGNS
ARE LOCAL PROPERTY
AND NOT TO BE REPLACED
BY PROJECT.



STH 67

SIGNING NOTES:

TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.

SIGNING COORDINATOR	COUNTY(S)	PHONE NUMBER
DENNIS NEWTON	MILWAUKEE, RACINE	(414) 750-0257
JENNIFER BUCKETT	KENOSHA, WASHINGTON, OZAUKEE	(414) 750-2427
CHUCK SALDIVAR	WALWORTH, WAUKESHA	(414) 750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP ((414) 266-1165) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POSTS SIZES FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, TOWN OR VILLAGE). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON ESTABLISHING NO PASSING ZONES PAY ITEM. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

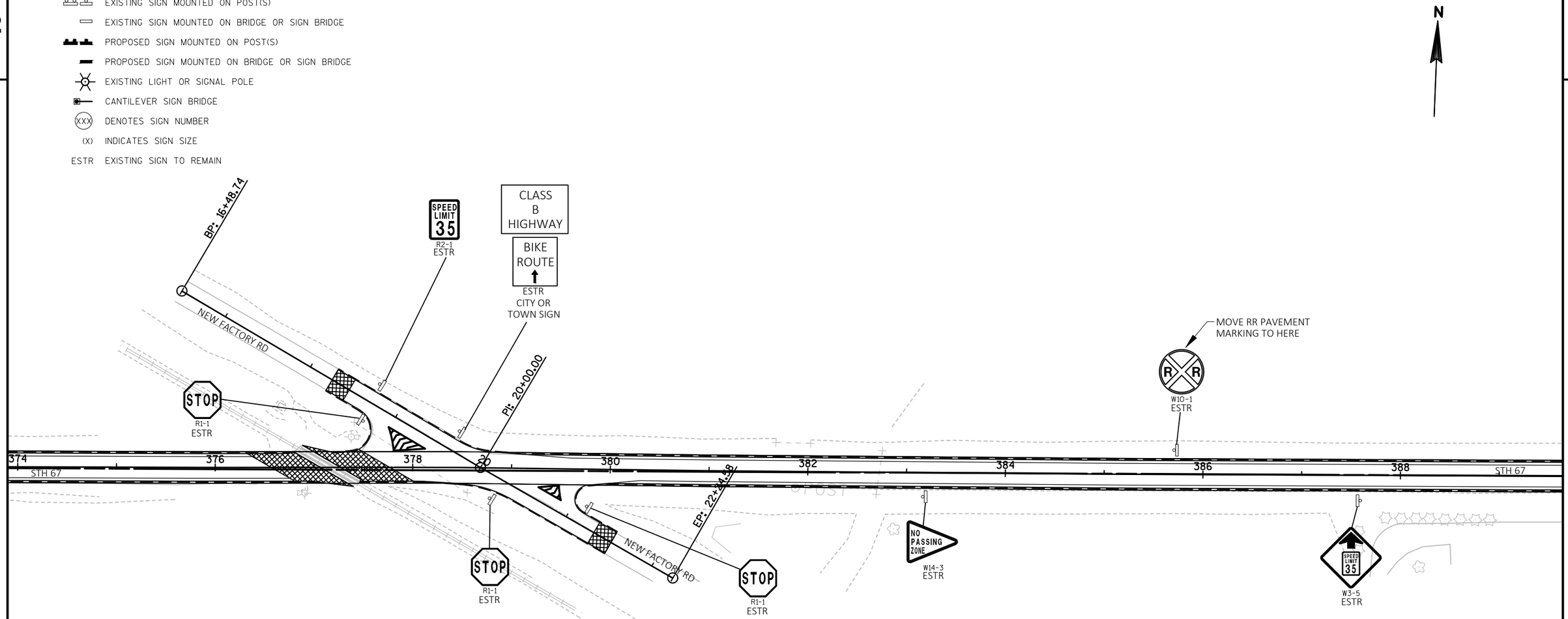
EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

XXX DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN



SHEET 2 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 43	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023202_PS

PLOT DATE : 9/23/2020 12:02 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2

NO PASSING ZONE
W14-3
ESTR

SPEED LIMIT 55
R2-1
ESTR

BP: 10+00.00

Hwy 140 6
D2-1
ESTR

SPEED LIMIT 35
R2-1
ESTR

390 392 394 396 12 398 14 400 16 402 18

STH 67

STOP
R1-1
ESTR

SPEED LIMIT 55
R2-1
ESTR

Sharon
POPULATION 1605
I2-3
ESTR

Home of
Travis Frederick
1st Round
2013 NFL Draft
REMOVE
ILLEGAL SIGN
ENCROACHMENT

2

NO ENGINE BRAKING EXCEPT IN EMERGENCY
R10-64

WITHIN VILLAGE LIMITS
ESTR
PERMIT SIGN
TO CITY OR
TOWN

SPEED LIMIT 35
R2-1
ESTR

3

W11-2(2S)
AHEAD
W16-9P (2S)

4

SHEET 3 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 44	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023203_PS

PLOT DATE : 9/23/2020 12:02 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

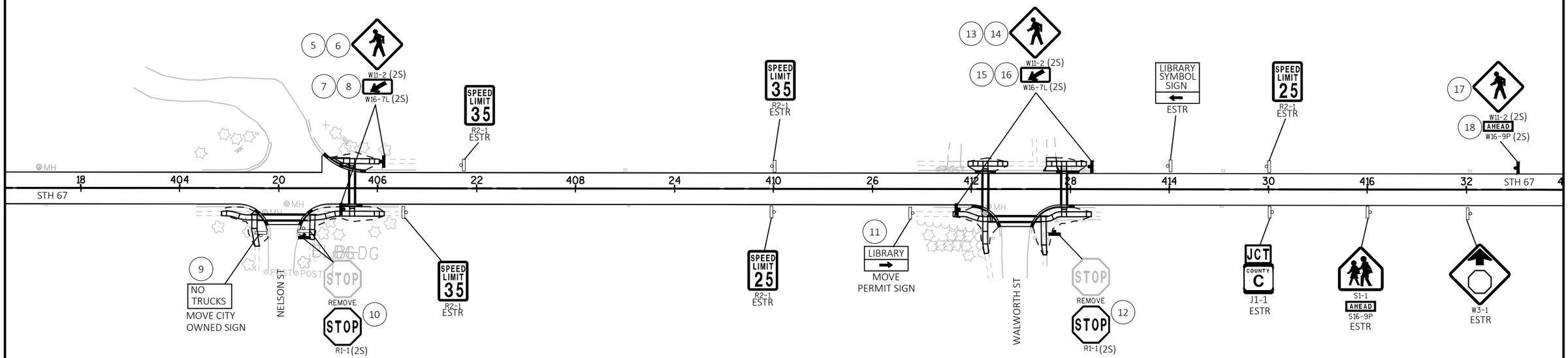
2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2



SHEET 4 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 45	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023204_PS

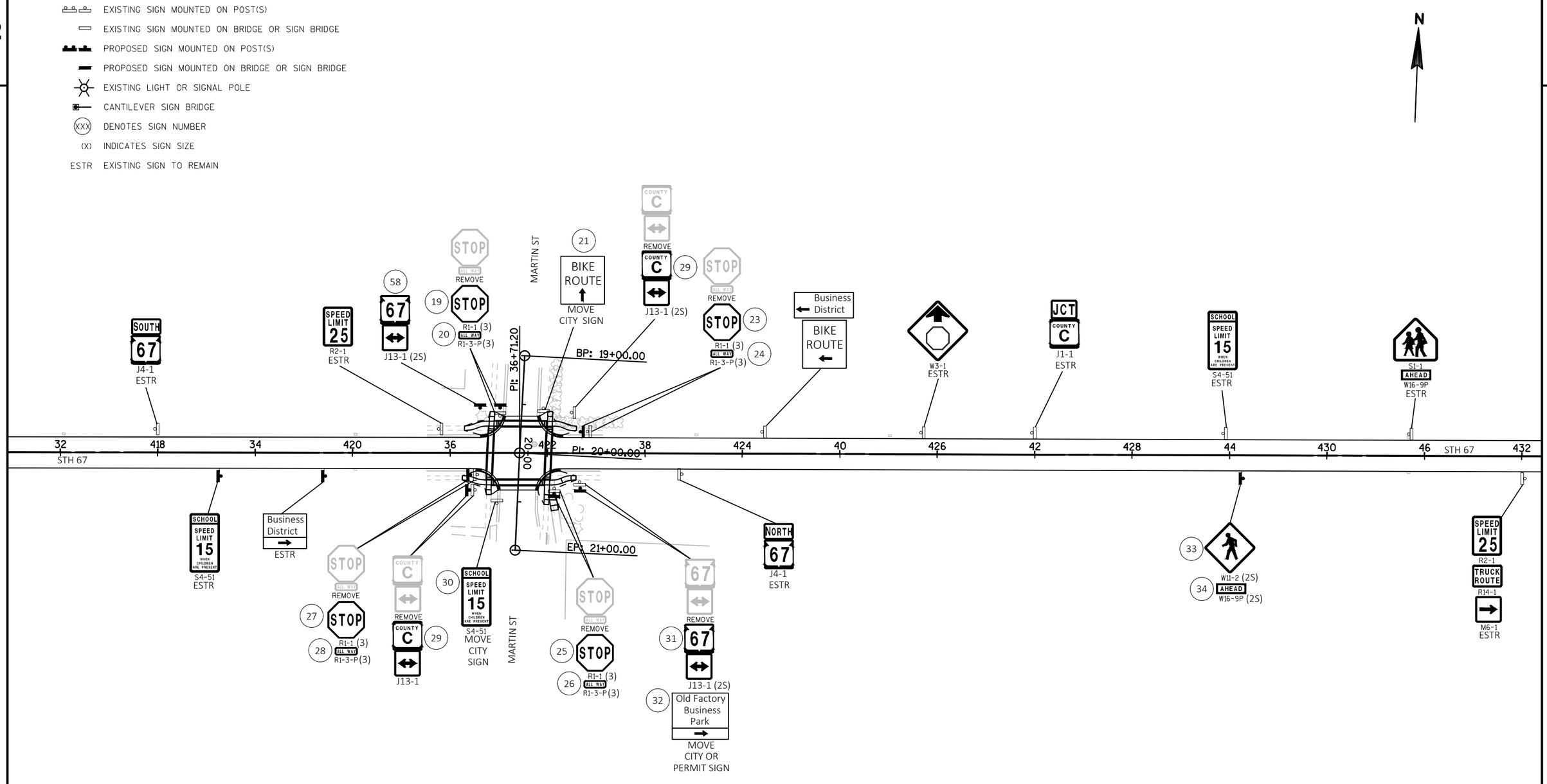
PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 5 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 46	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023205_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2

SPEED LIMIT 25
R2-1
ESTR

No Parking On Any Village Streets 12AM-6AM Nov 1-Apr 1

ESTR VILLAGE SIGN

35 36 37 38
W11-2 (2S)
W16-7L(2S)

39
W1-7 (2S)

42 Old Factory Rd Business Park
MOVE LOCAL CITY SIGN

SPEED LIMIT 25
R2-1
ESTR

Home of Travis Frederick 1st Round 2013 NFL Draft
45
REMOVE ILLEGAL SIGN ENCROACHMENT

Sharon
POPULATION 1605
I2-3
ESTR

43
W11-2 (2S)
44 AHEAD
W16-9P (2S)

46 STH 67 432 48 434 50 436 52 438 54 440 56 442 58 444 60 446 STH 67

PARK AVE

40 Old Factory Rd Business Park
PERMIT SIGN MOVE IF IMPACTED

STOP
REMOVE

STOP
41
R1-1 (2S)

SPEED LIMIT 55
R2-1
ESTR

USH 14 6
Walworth 7

SHEET 6 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 47	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023206_PS

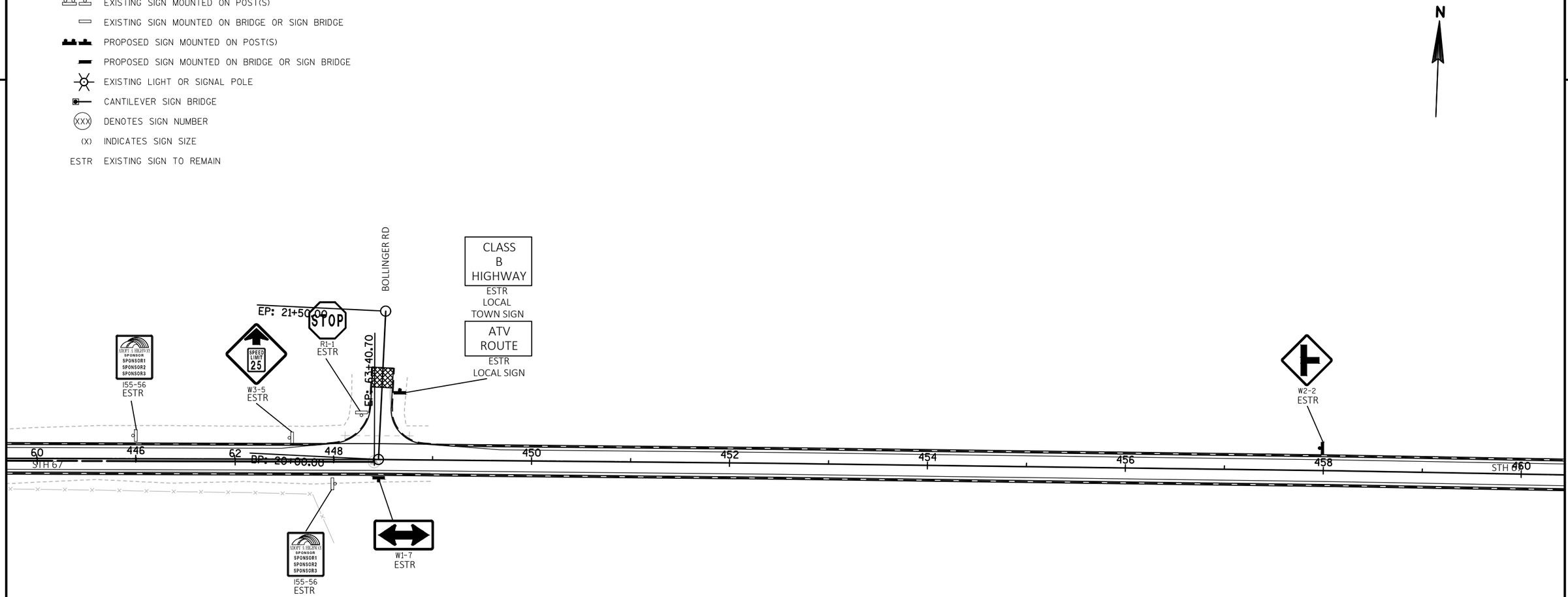
PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 7 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 48	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023207_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2

NO PASSING ZONE

REMOVE
(2006)

46 NO PASSING ZONE

W14-3

IMPACTED BY
CULVERT WORK

EP: 21+00.00

460 462 464 466 468 470 472 474

STH 67

STH 67

BP: 20+00.00

NO PASSING ZONE

W14-3
ESTR

SHEET 8 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 49	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023208_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

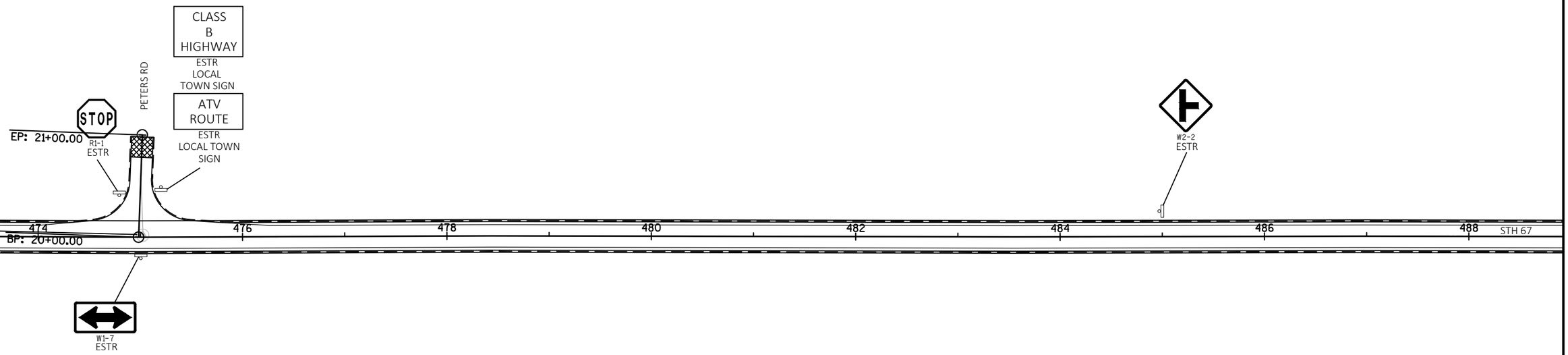
2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N



SHEET 9 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 50	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023209_PS

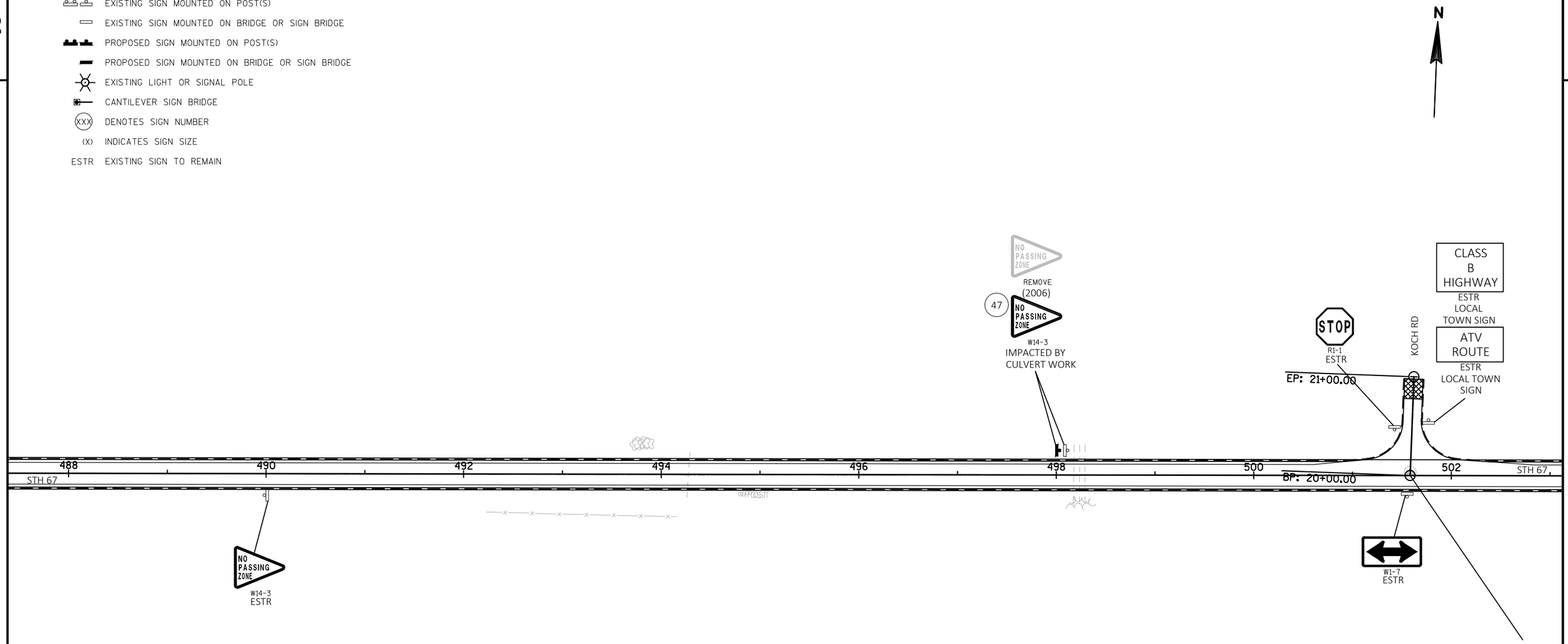
PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 10 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 51	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023210_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

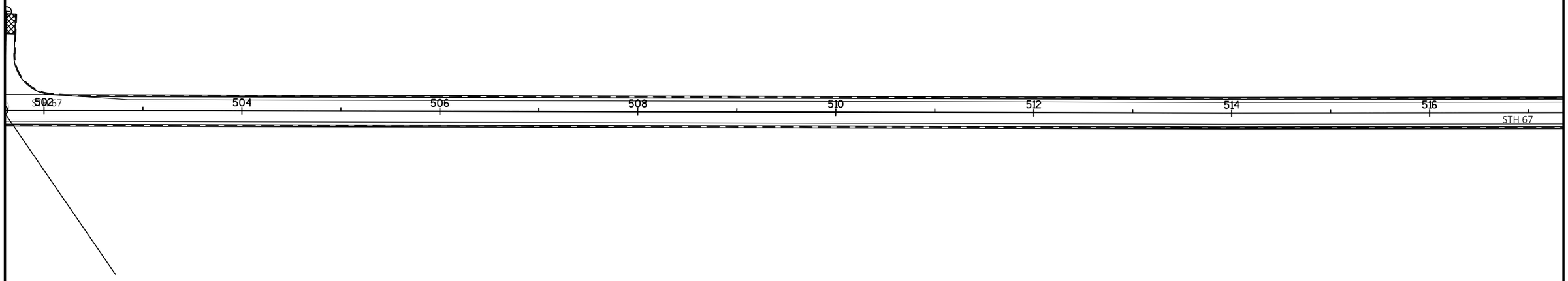
(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

NO SIGNS
THIS SHEET



SHEET 11 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 52	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023211_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N



W14-3
ESTR

518 520 522 524 526 528 530 STH 67

STH 67



W14-3
ESTR

SHEET 12 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 53	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023212_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2

532 534 536 538 540 542 544 546 STH 67

STH 67

JCT
COUNTY
K

J1-1
ESTR

SHEET 13 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 54	E

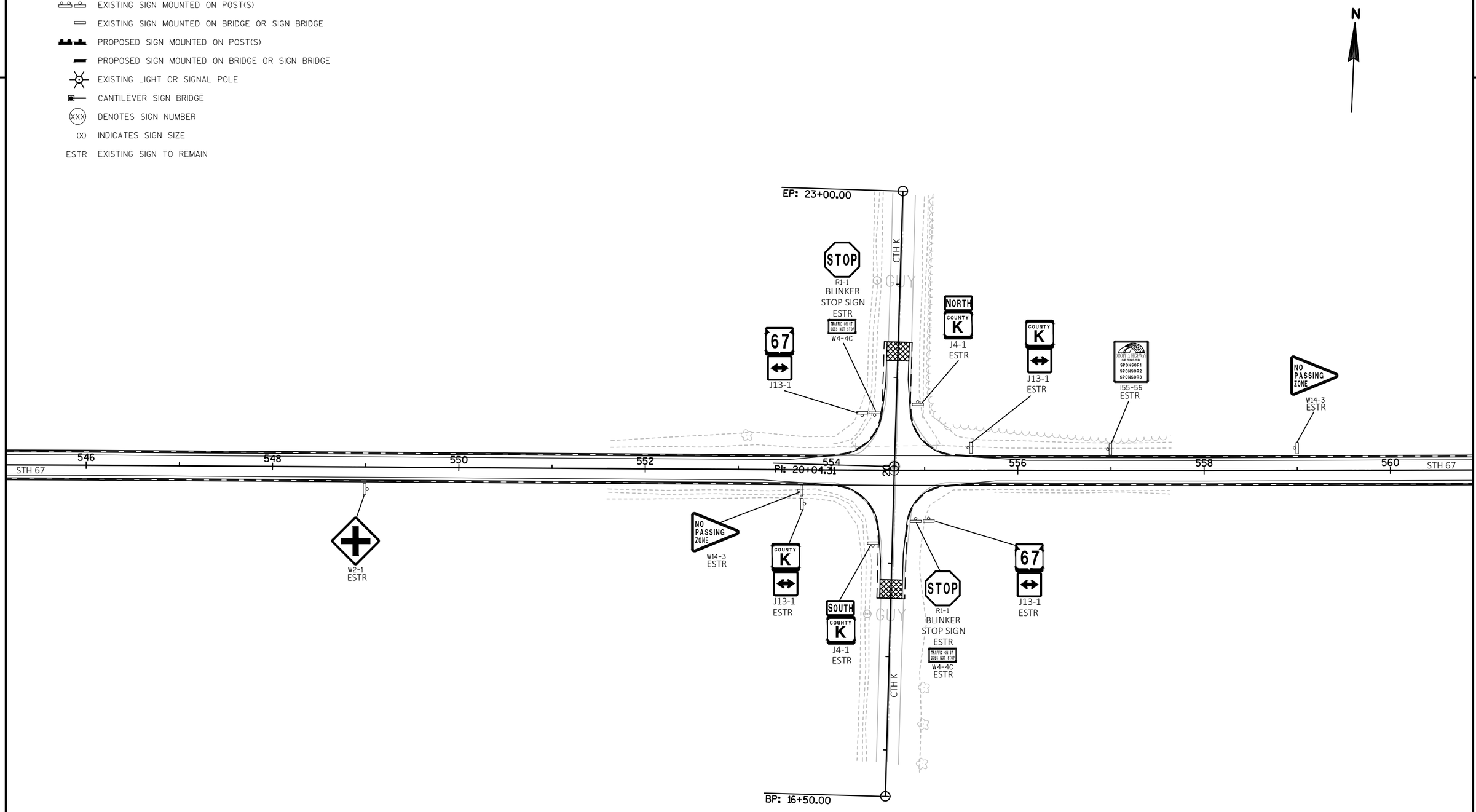
FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023213_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



SHEET 14 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 55	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023214_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N



W2-1
ESTR



J1-1
ESTR



2

SHEET 15 OF 29

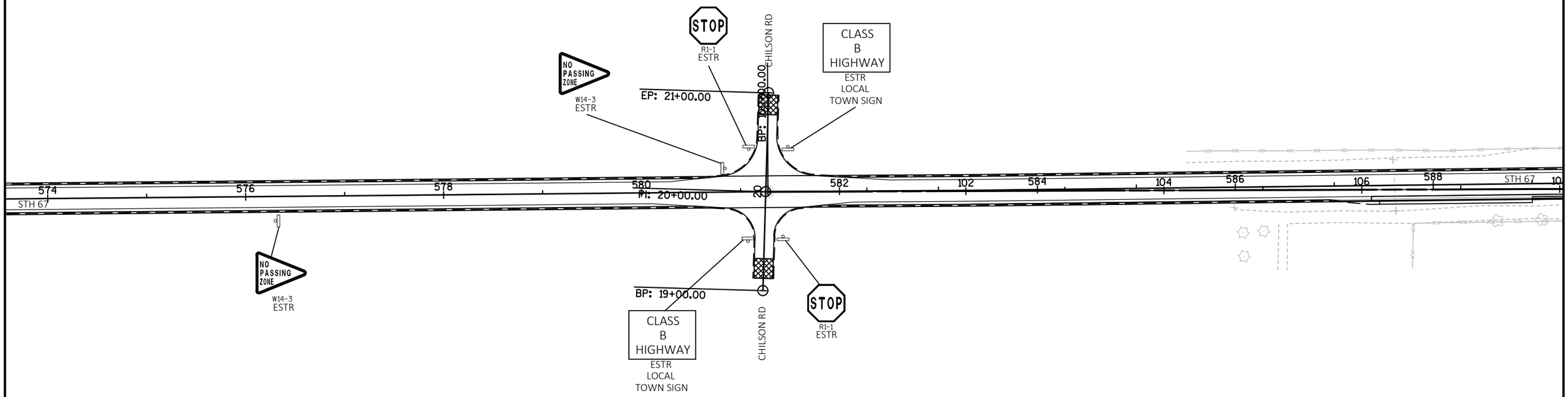
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 56	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N



SHEET 16 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 57	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023216_PS

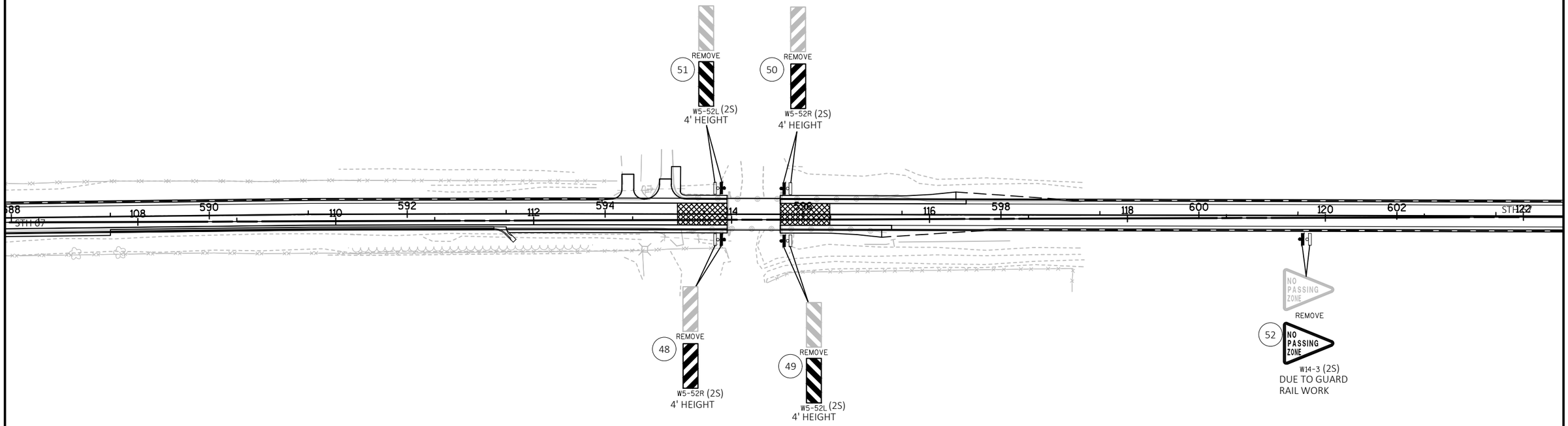
PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N



SHEET 17 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 58	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023217_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

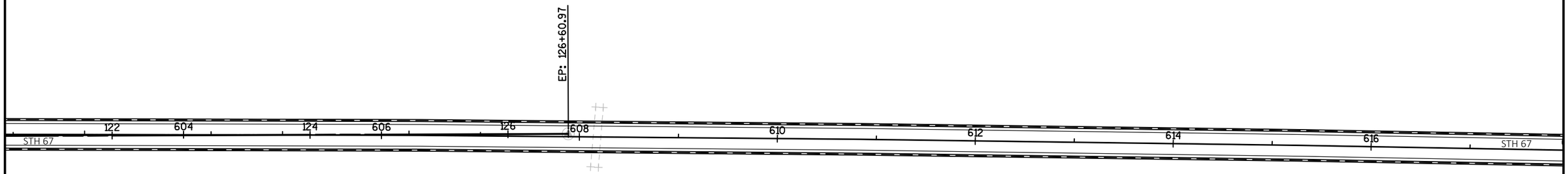
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LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

NO SIGNS
THIS SHEET



2

SHEET 18 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 59	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023218_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2

NO SIGNS
THIS SHEET



NGS

SHEET 19 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 60	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023219_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2

NO SIGNS
THIS SHEET



NGS

SHEET 20 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 61	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023220_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

NO SIGNS
THIS SHEET

N

PRAIRIE VIEW RD

EP: 21+00.00

646 STH 67 648 650 652 654 656 658 STH 67 660

PI: 20+02.50

BP: 19+00.00

PRAIRIE VIEW RD

SHEET 21 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 62	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023221_PS

PLOT DATE : 9/23/2020 12:03 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

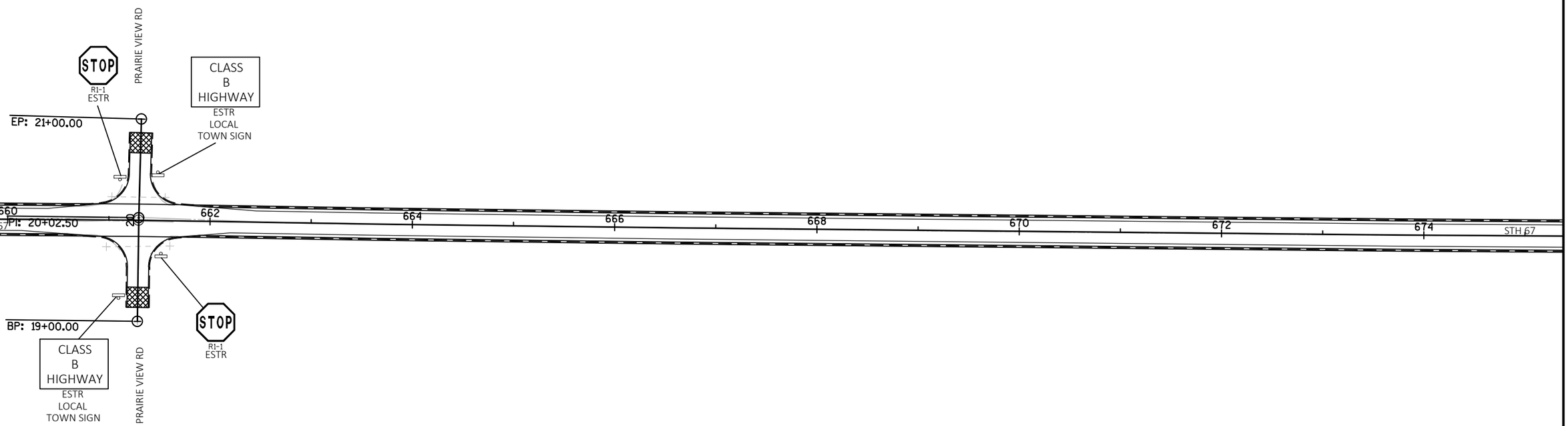
CANTILEVER SIGN BRIDGE

XXX DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N



2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2

NO SIGNS
THIS SHEET



SHEET 23 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 64	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023223_PS

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

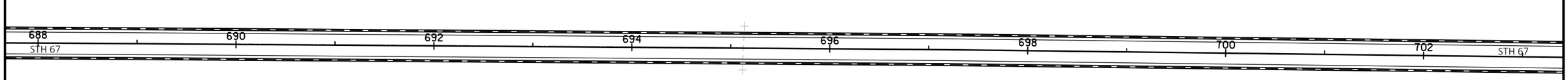
(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2

NO SIGNS
THIS SHEET



SHEET 24 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 65	E

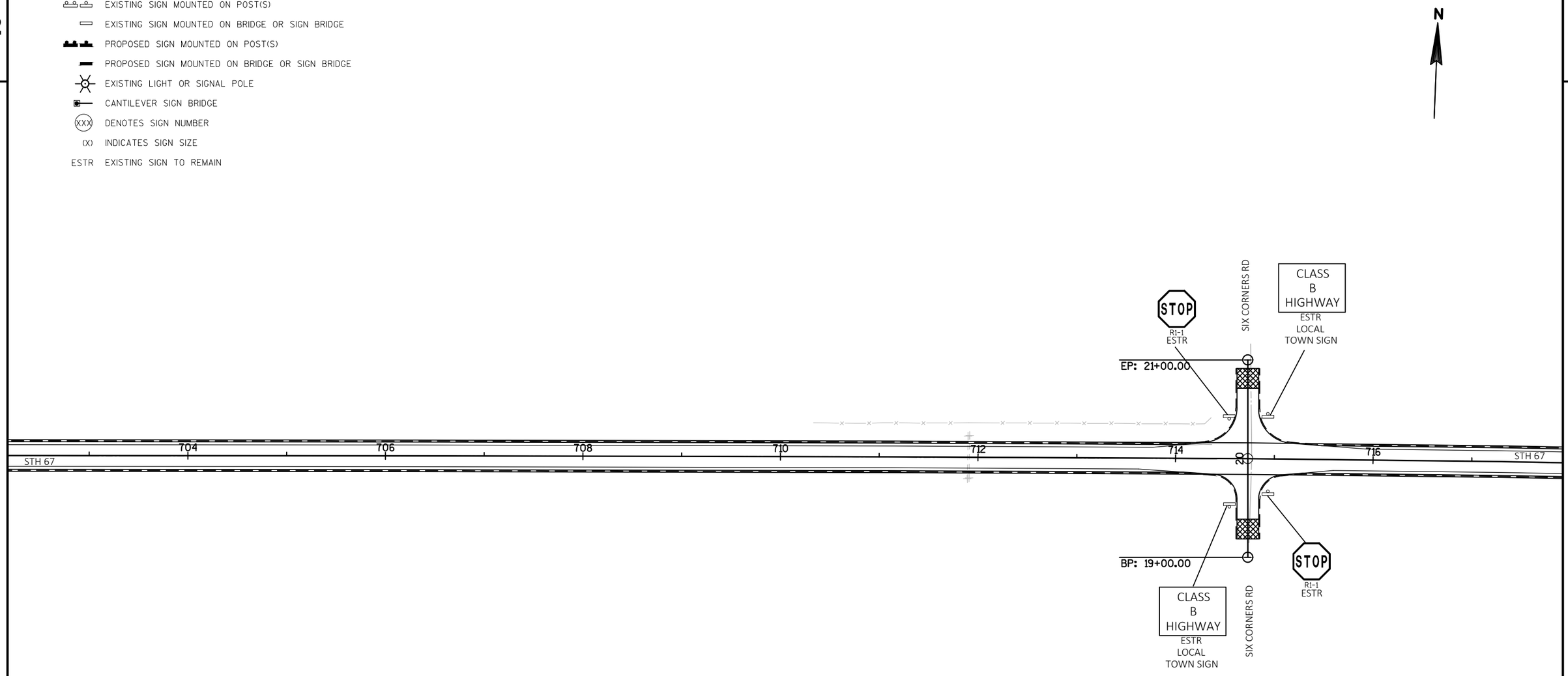
FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023224_PS

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN



2

SHEET 25 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 66	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023225_PS

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

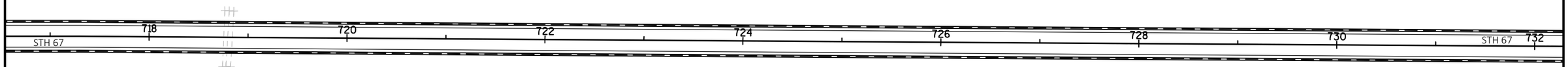
(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2

NO SIGNS
THIS SHEET



SHEET 26 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 67	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023226_PS

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

PROPOSED SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE

EXISTING LIGHT OR SIGNAL POLE

CANTILEVER SIGN BRIDGE

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

ESTR EXISTING SIGN TO REMAIN

N

2

NO SIGNS
THIS SHEET



SHEET 27 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 68	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023227_PS

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

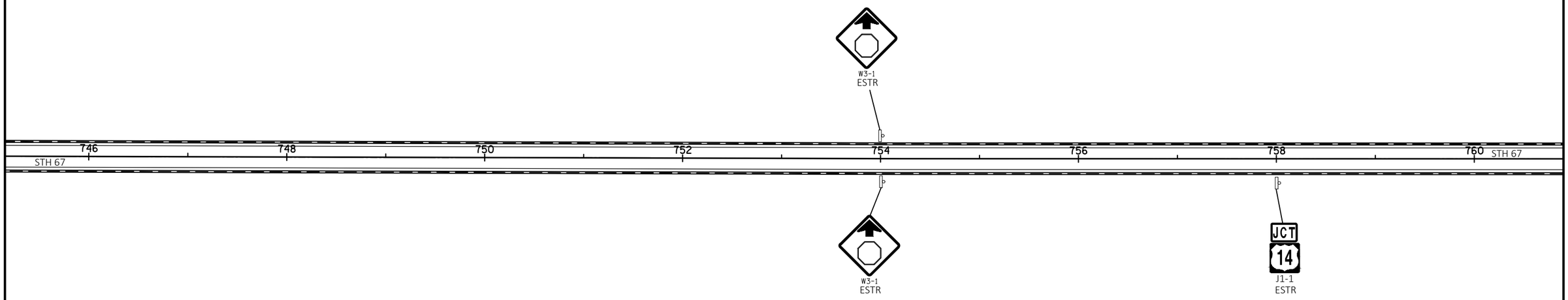
2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- (XXX) DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2



SHEET 28 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 69	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023228_PS

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

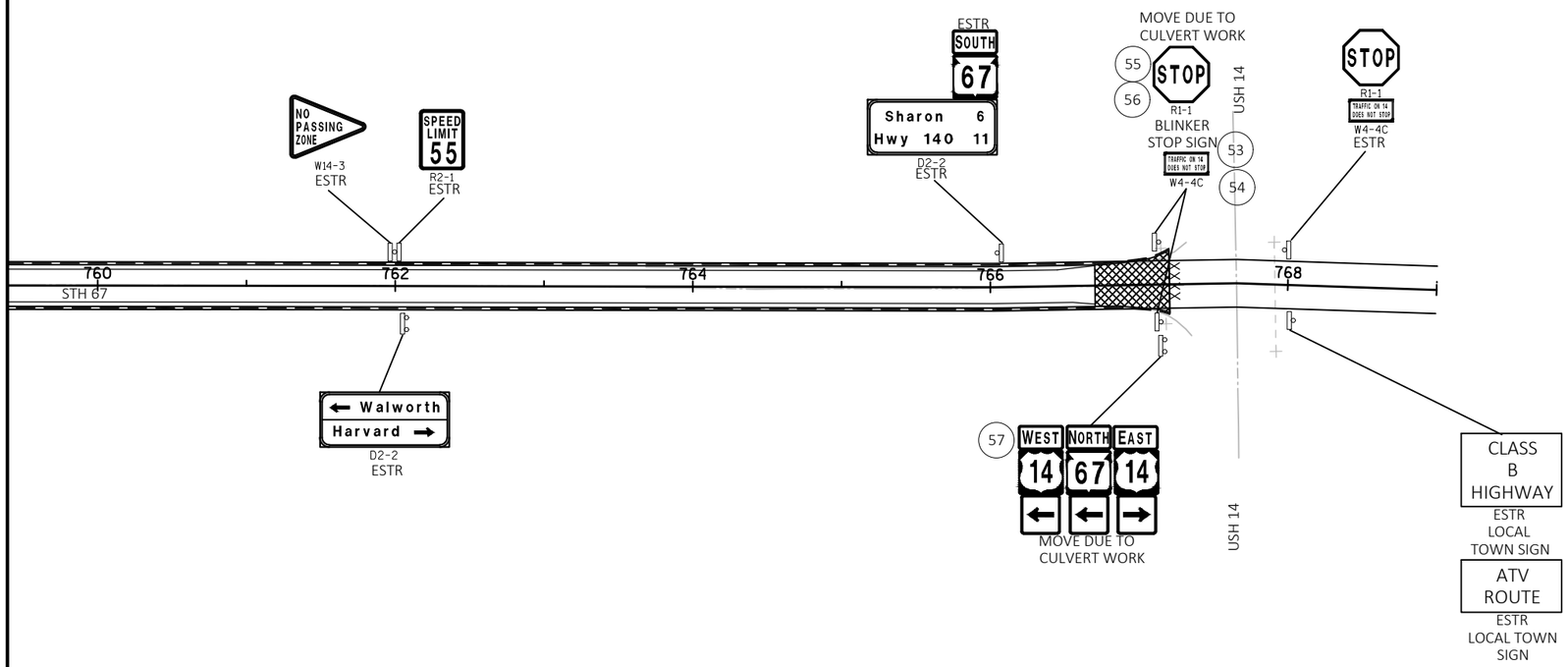
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LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- EXISTING LIGHT OR SIGNAL POLE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE
- ESTR EXISTING SIGN TO REMAIN

N

2



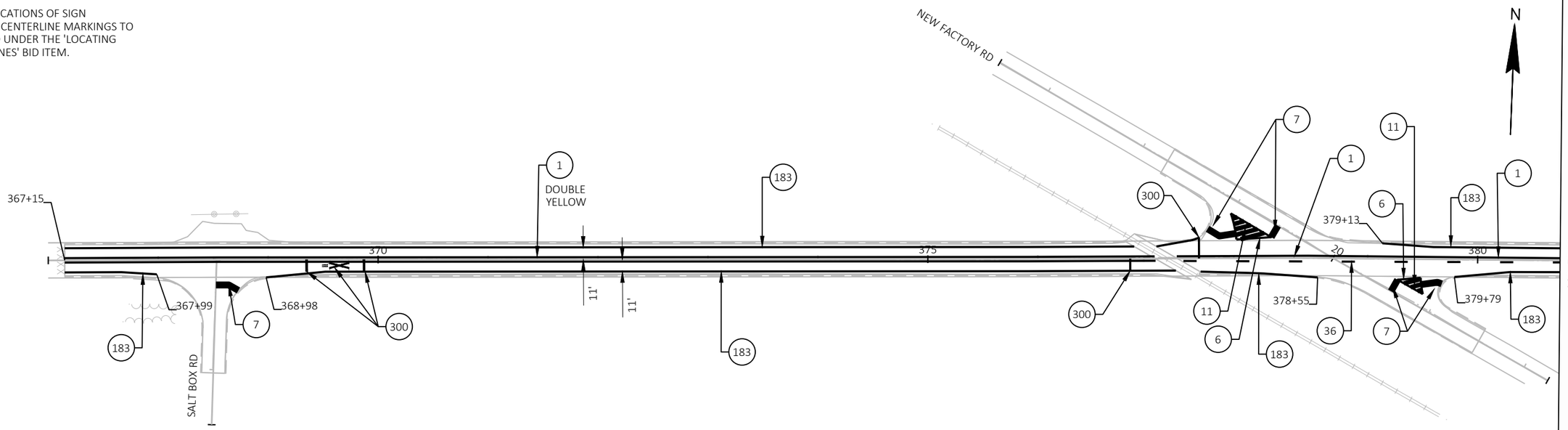
SHEET 29 OF 29

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PERMANENT SIGNING PLAN	SHEET 70	E

FILE NAME : N:\PDS\C3D\CAD\37060130\SIGN\023201_PS_14-16.DWG
LAYOUT NAME - 023229_PS

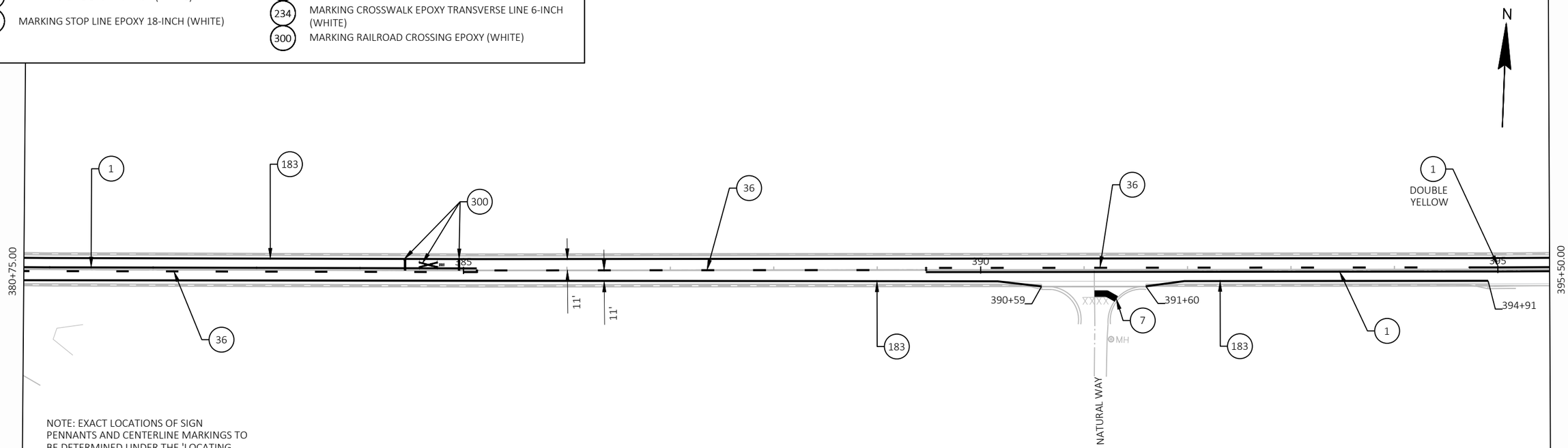
PLOT DATE : 9/23/2020 12:04 PM PLOT BY : WAGNER, SCOTT H PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

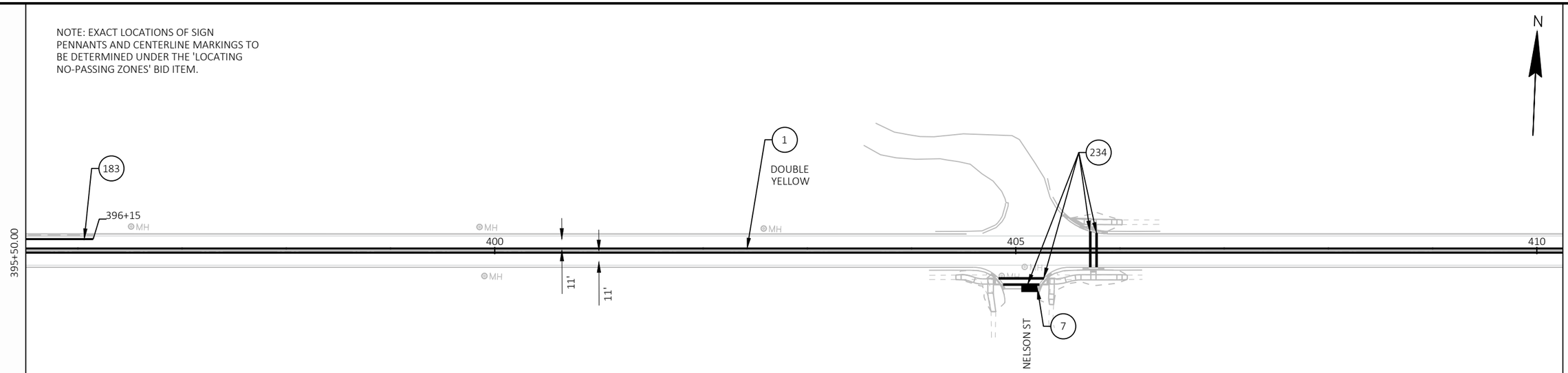
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 71	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 01

PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT

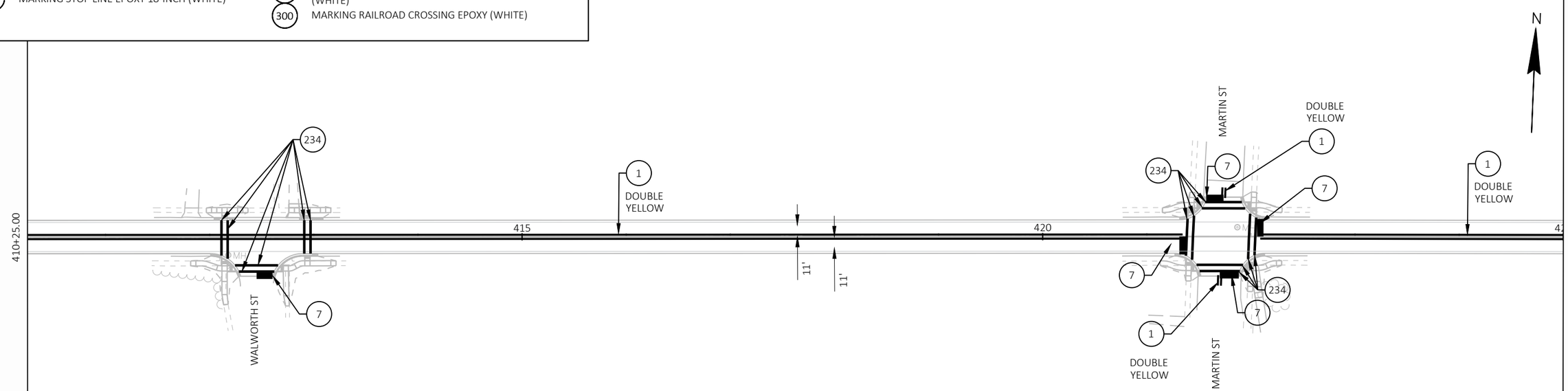
2

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 72	E

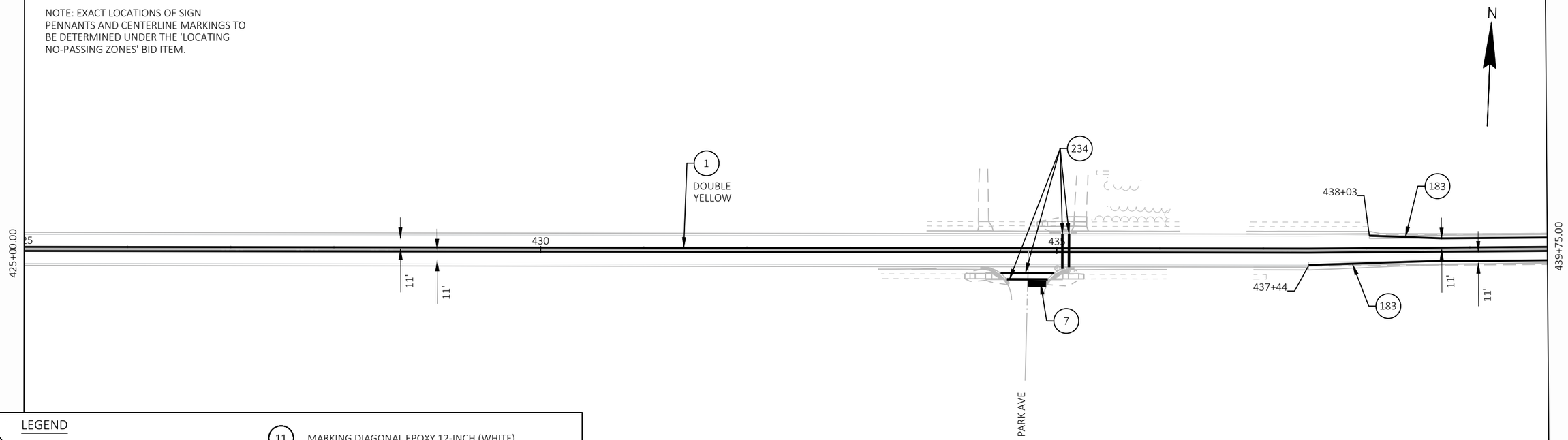
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 02

PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

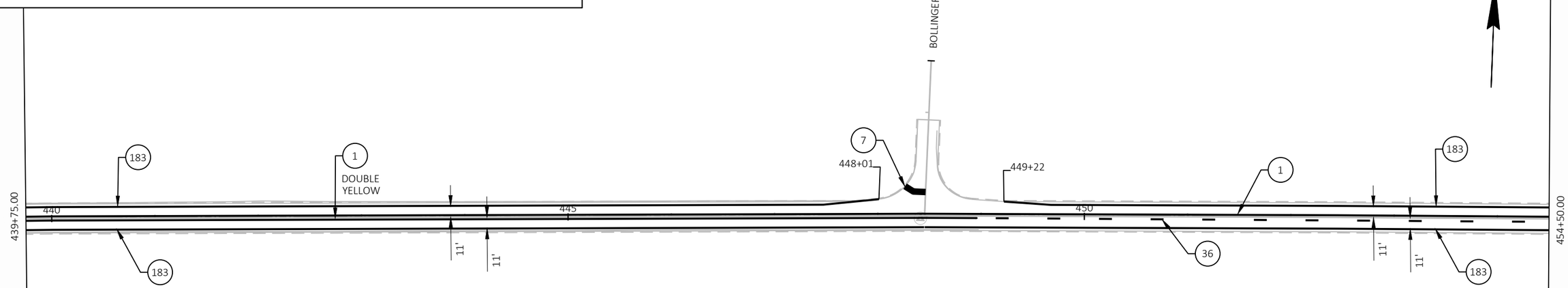
2

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 73	E

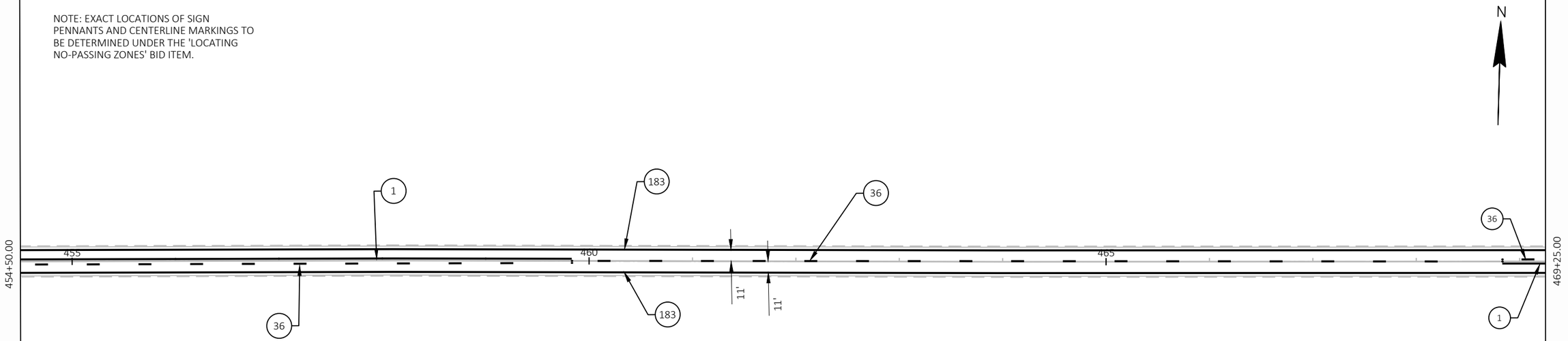
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 03

PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

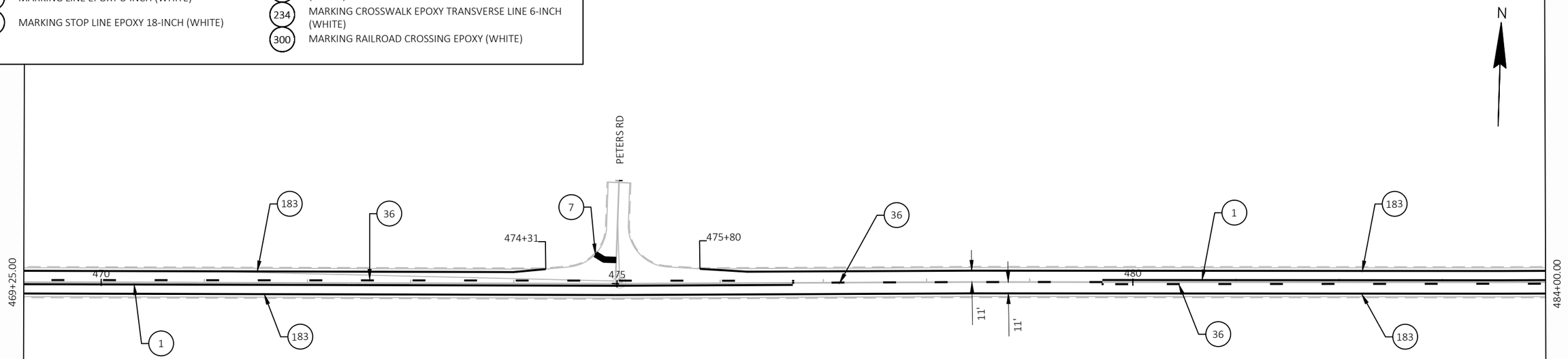
2

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

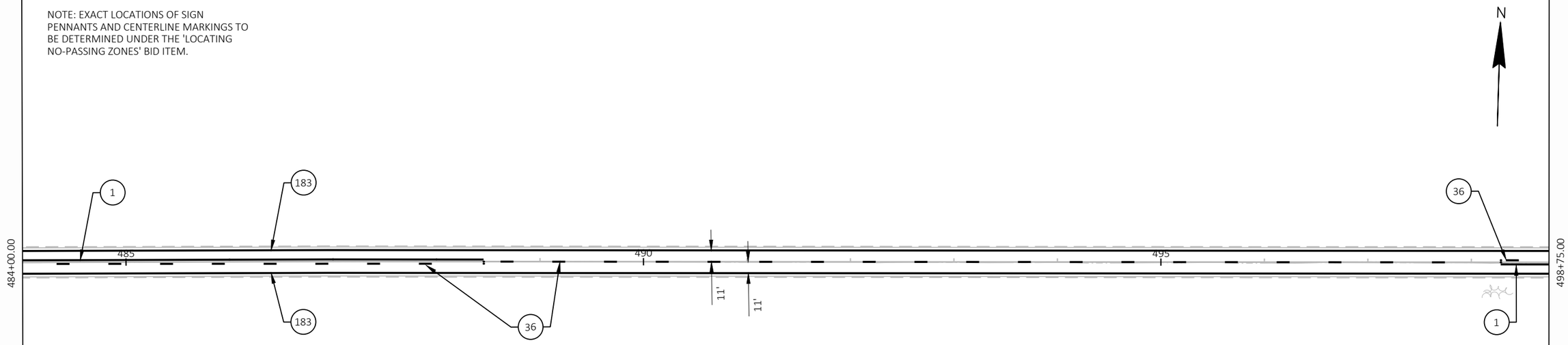
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 74	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 04

PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT

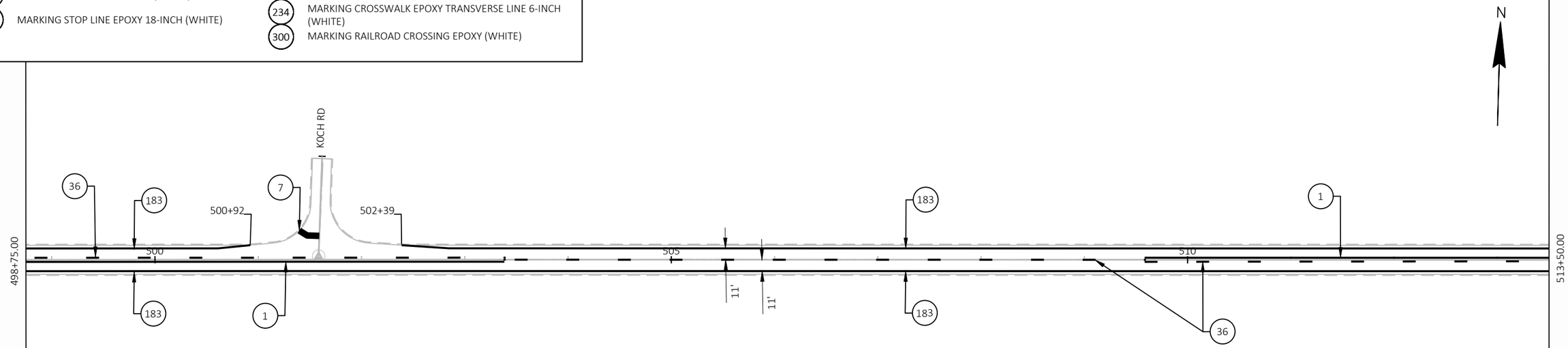
WISDOT/CADDS SHEET 42

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

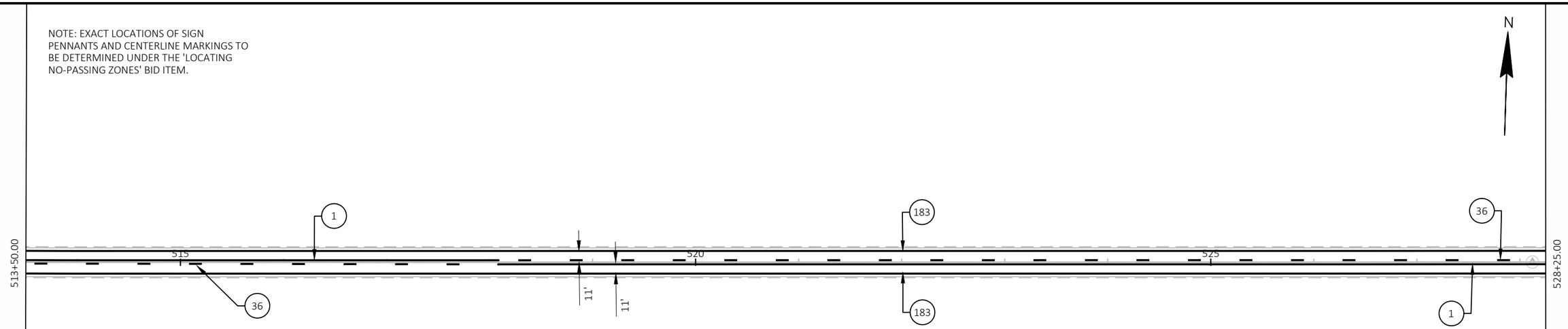
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 75	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 05

PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT

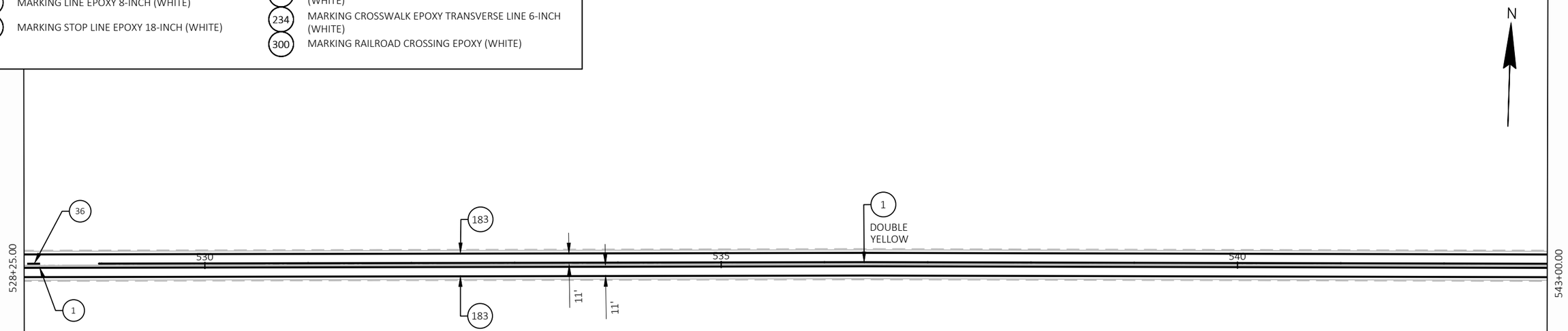
2

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)

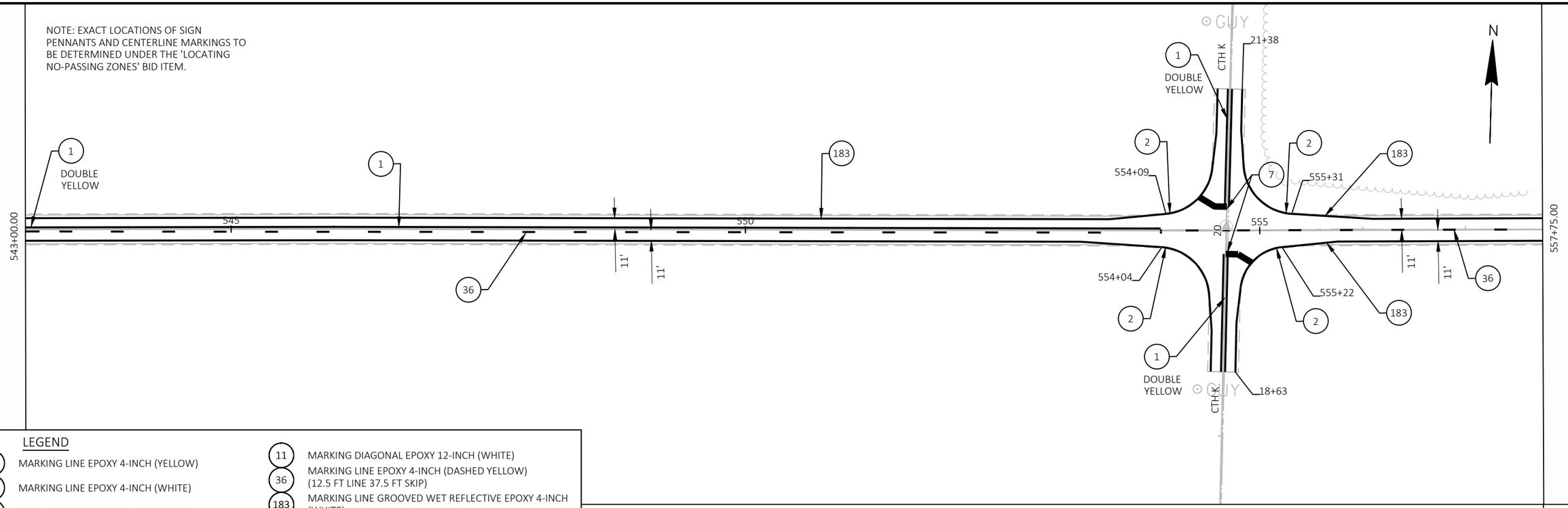


NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 76	E

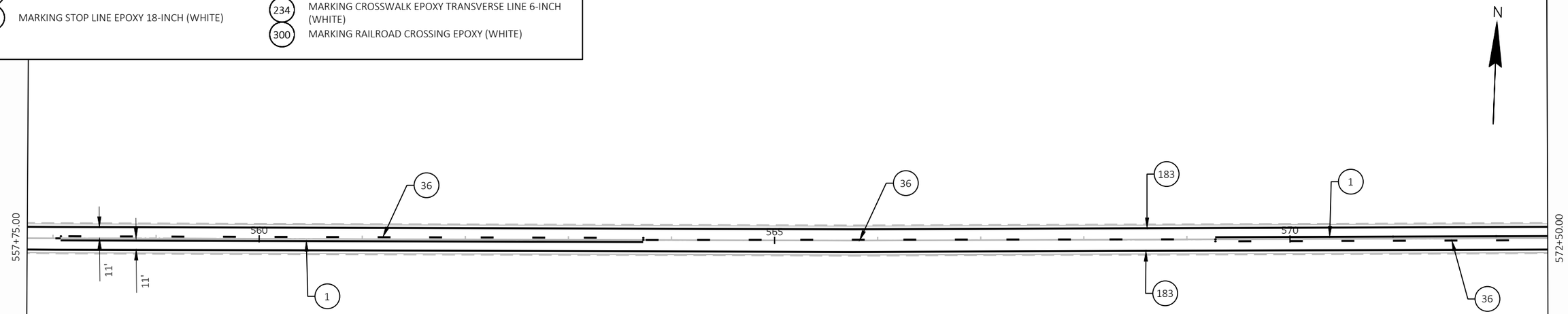
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 06
PLOT DATE : 11/19/2020 3:06 PM
PLOT BY : KAYLA DEBACCO
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

- 1 MARKING LINE EPOXY 4-INCH (YELLOW)
- 2 MARKING LINE EPOXY 4-INCH (WHITE)
- 6 MARKING LINE EPOXY 8-INCH (WHITE)
- 7 MARKING STOP LINE EPOXY 18-INCH (WHITE)
- 11 MARKING DIAGONAL EPOXY 12-INCH (WHITE)
- 36 MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
- 183 MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
- 234 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- 300 MARKING RAILROAD CROSSING EPOXY (WHITE)

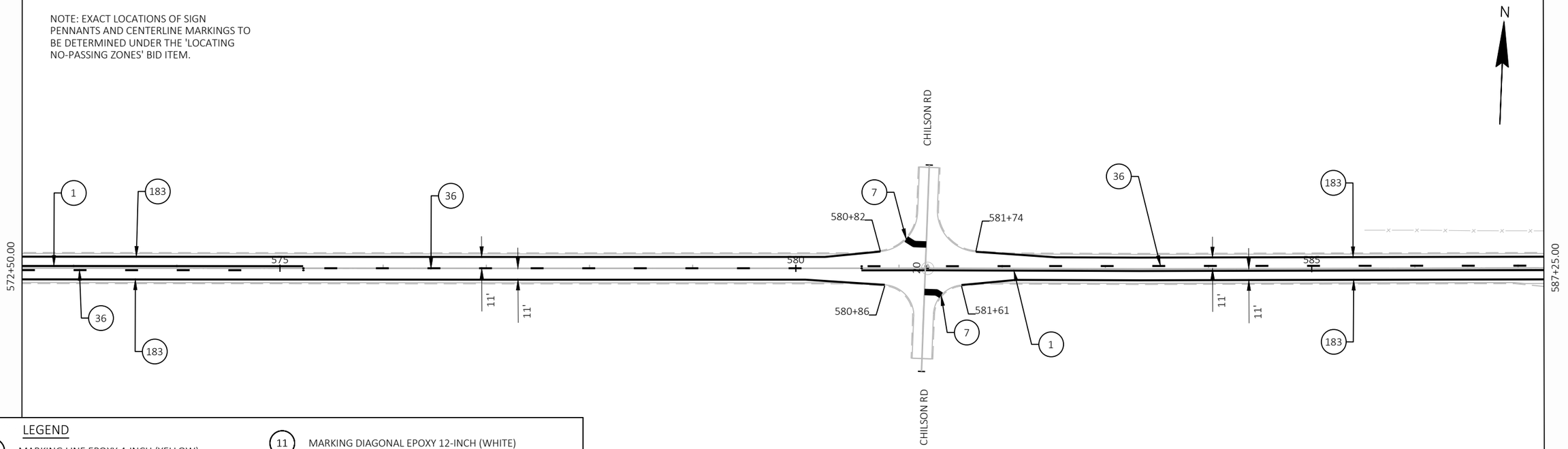


NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 77	E

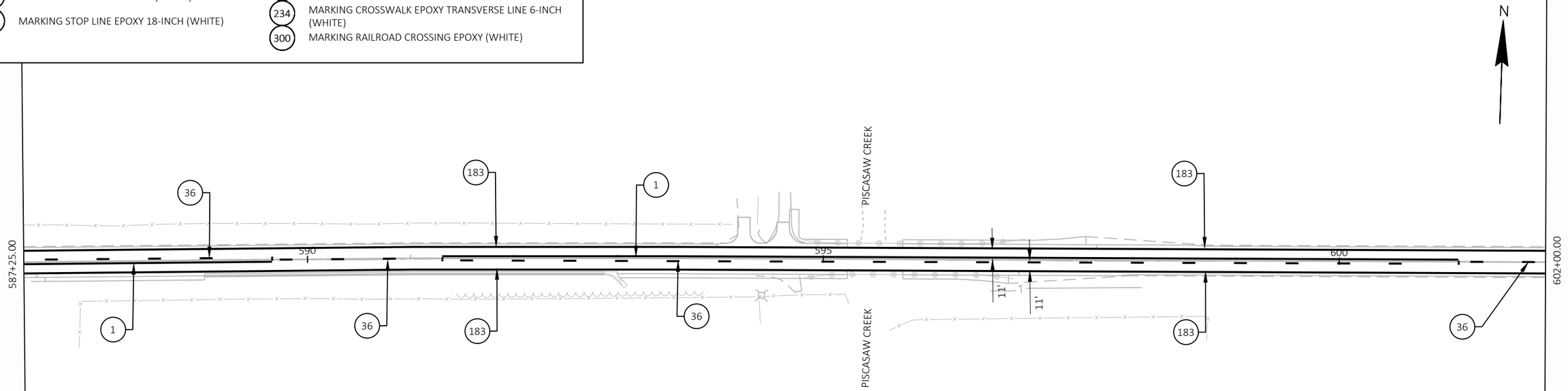
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 07
PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

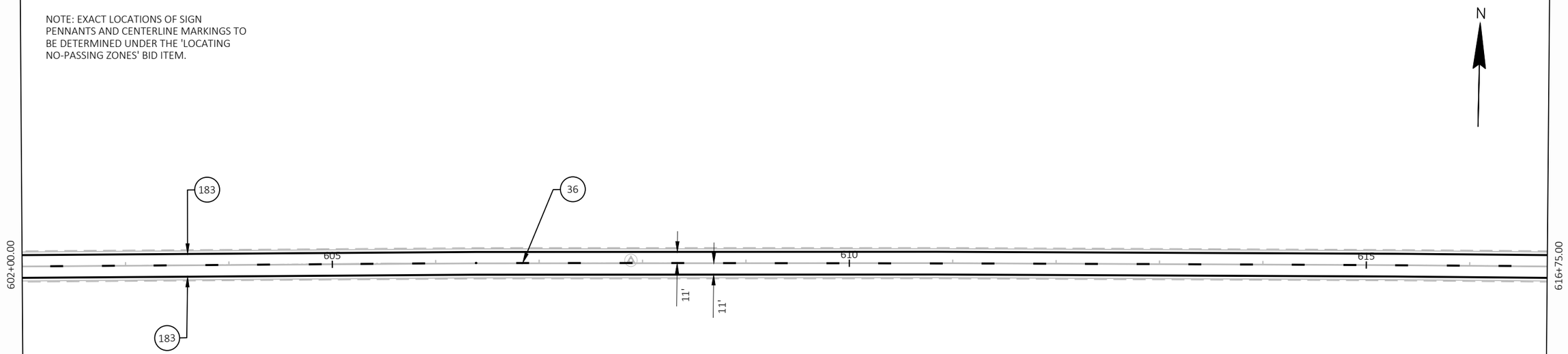
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 78	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 08

PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT

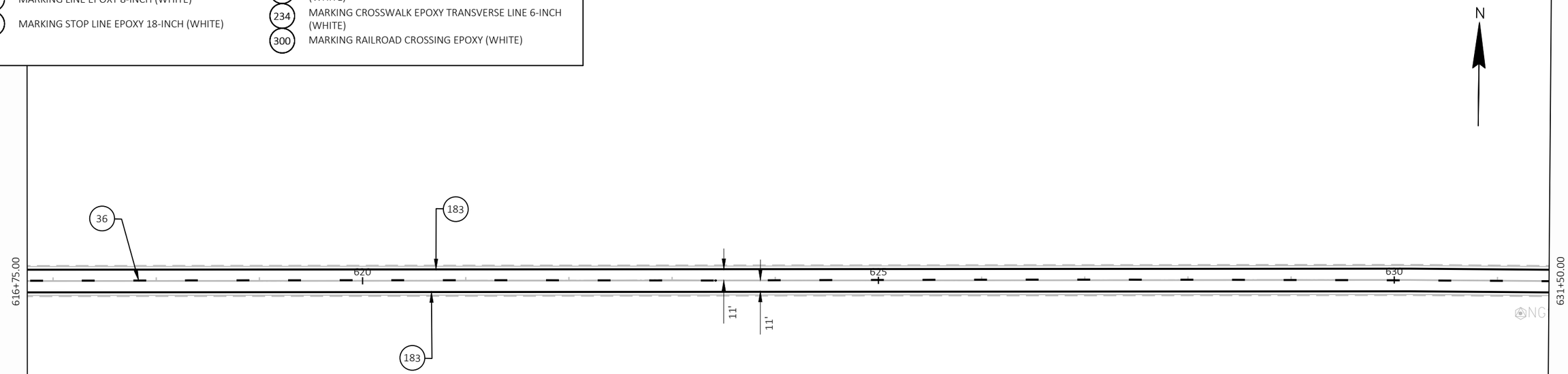
2

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)

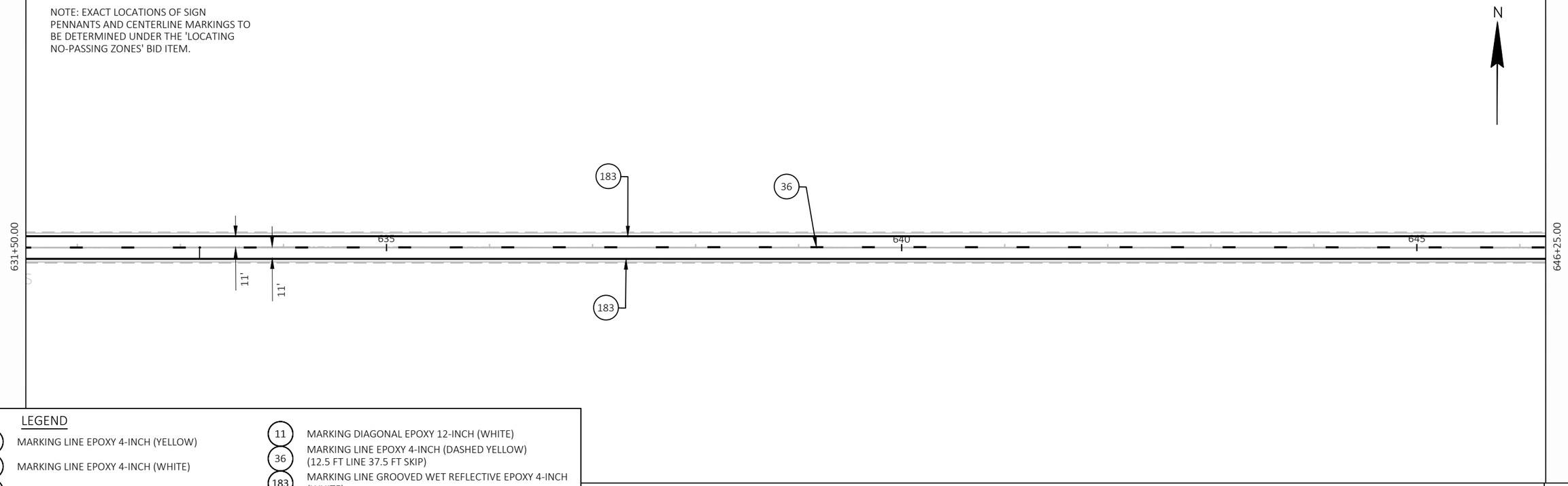


NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 79	E

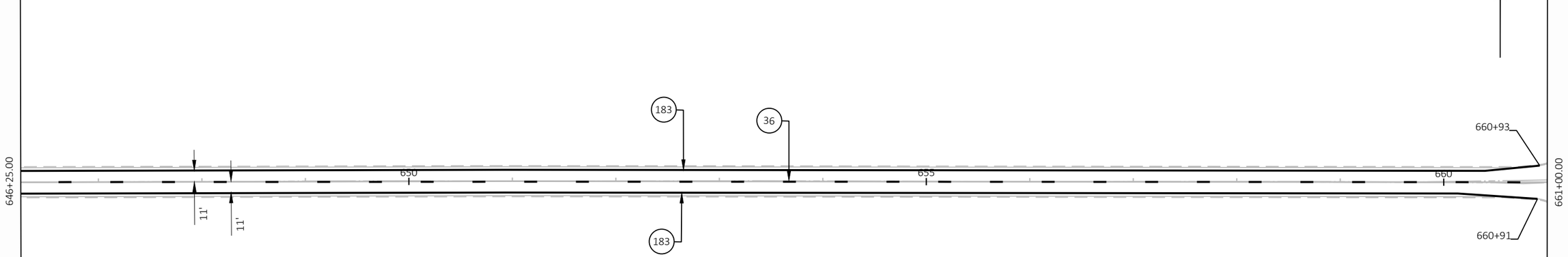
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 09
PLOT DATE : 11/19/2020 3:06 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)

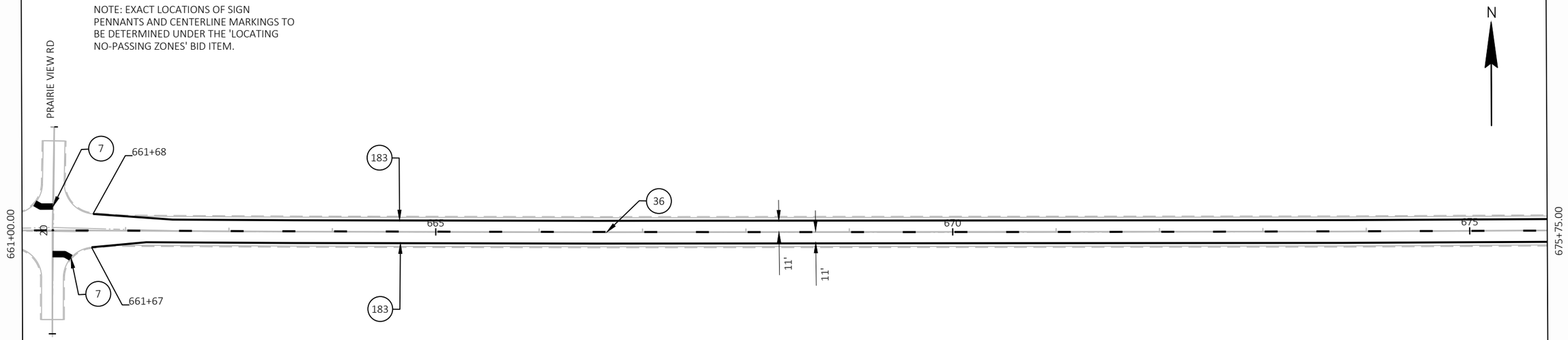


NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 80	E

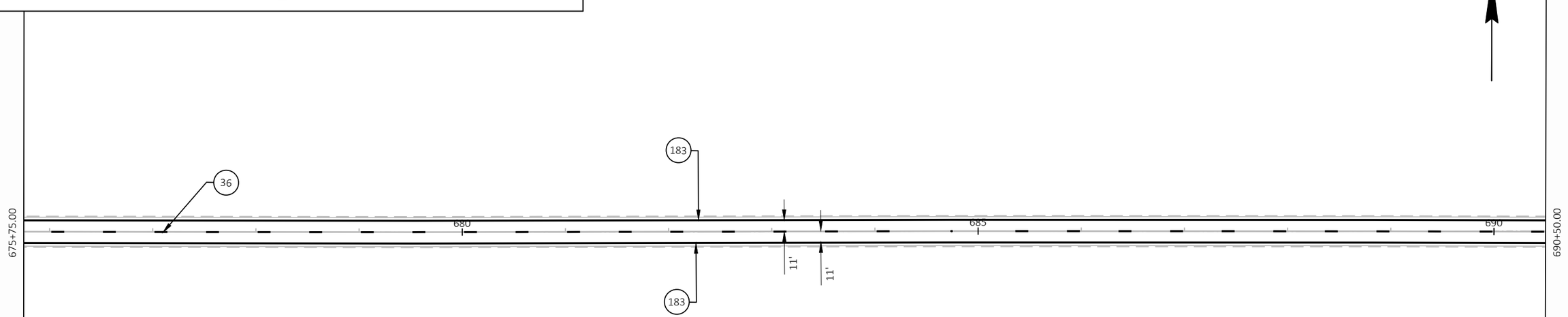
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 10
PLOT DATE : 11/19/2020 3:07 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

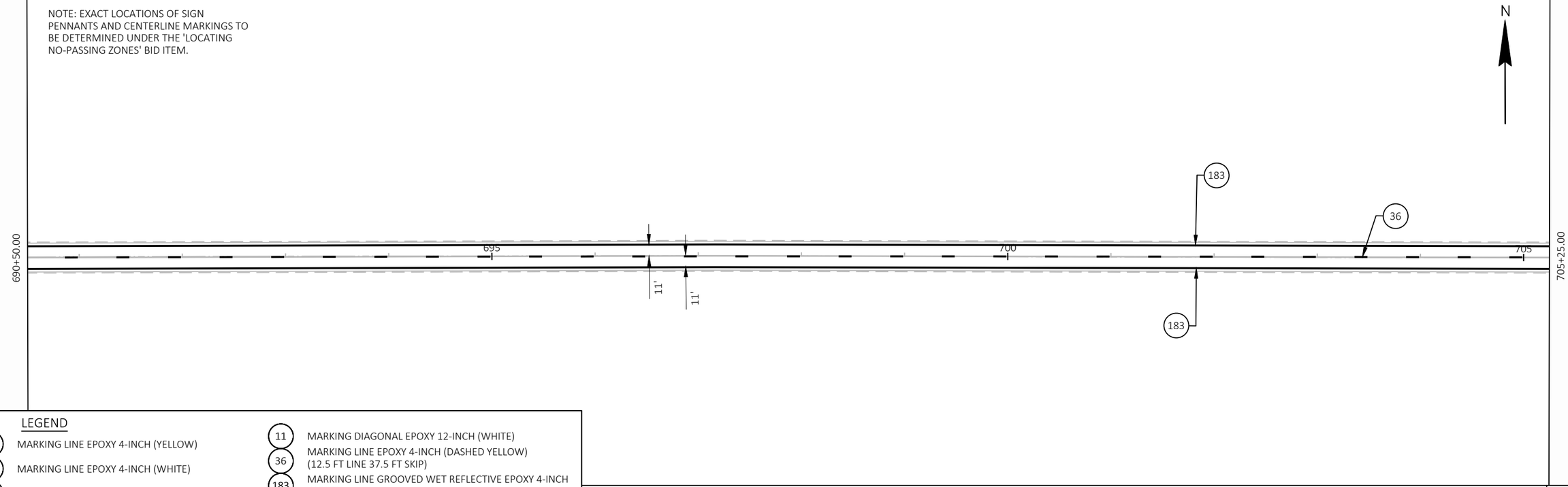
1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

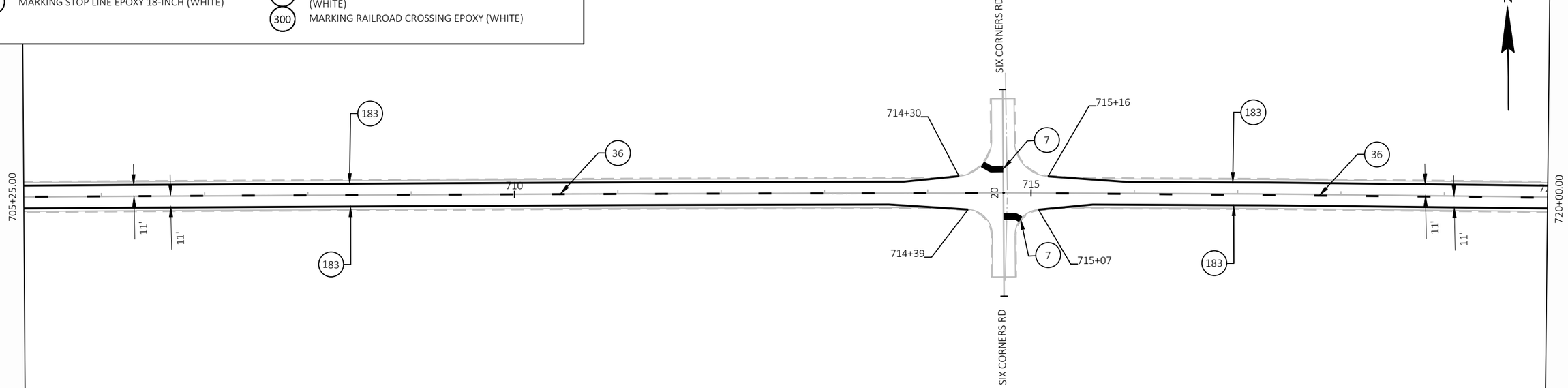
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NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

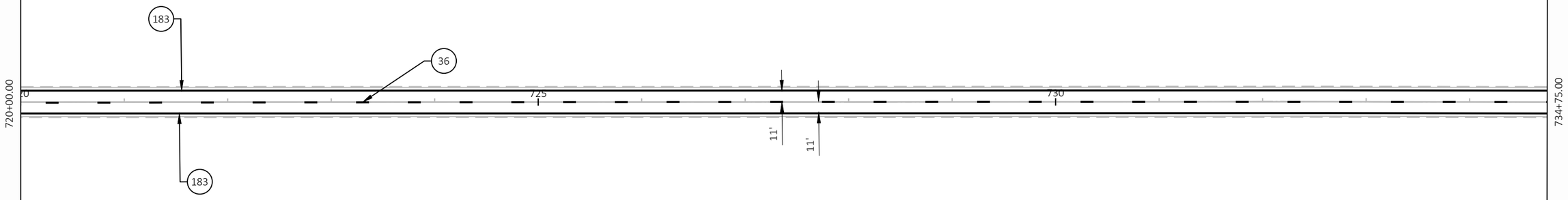
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 82	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 12
PLOT DATE : 11/19/2020 3:07 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

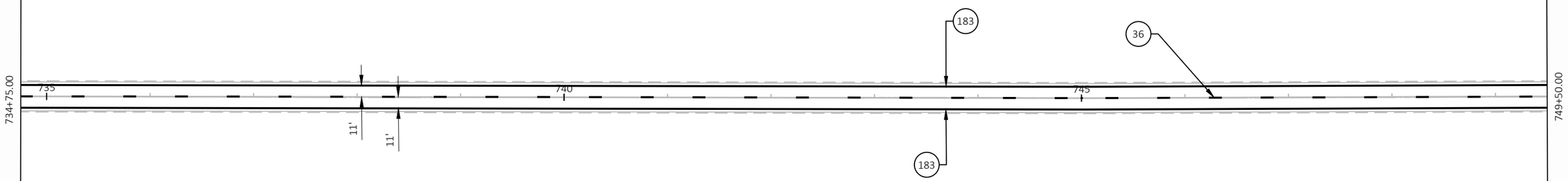
N



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)

N

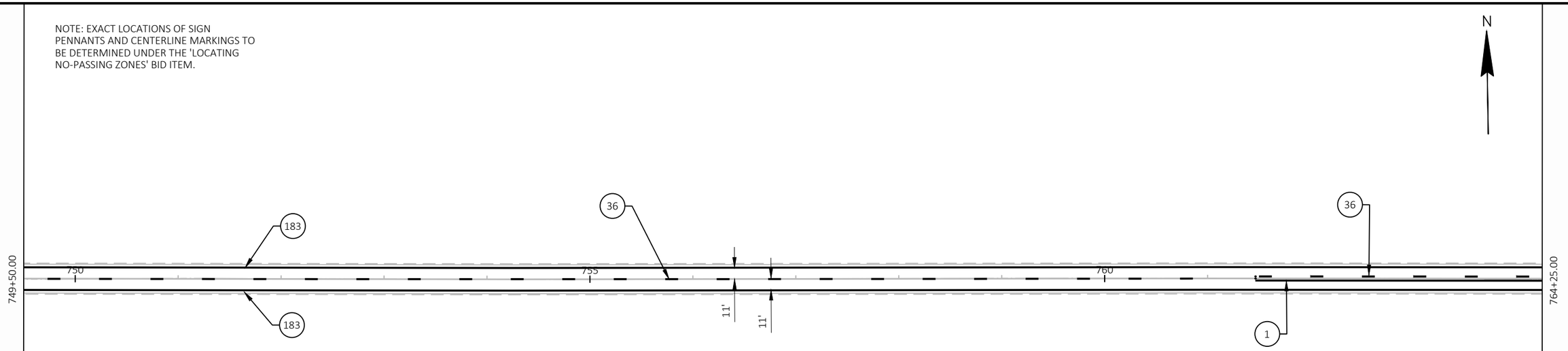


NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PAVEMENT MARKING	SHEET 83	E

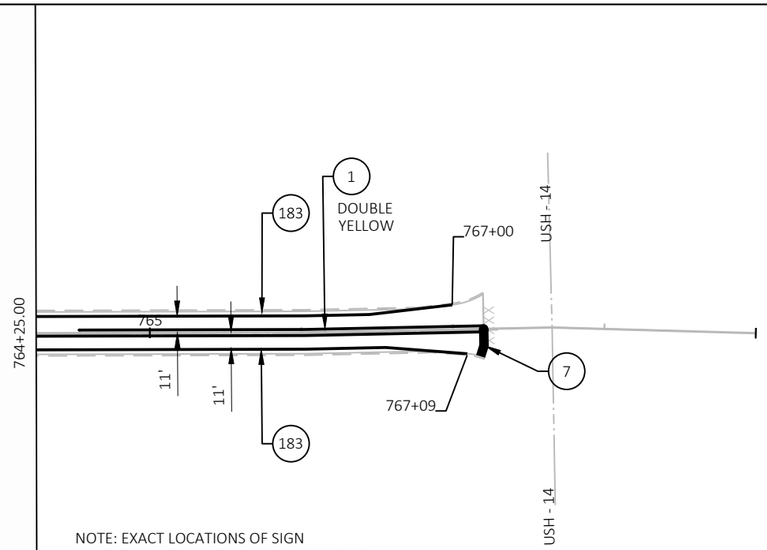
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 13
PLOT DATE : 11/19/2020 3:07 PM
PLOT BY : KAYLA DEBACCO
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.



LEGEND

1	MARKING LINE EPOXY 4-INCH (YELLOW)
2	MARKING LINE EPOXY 4-INCH (WHITE)
6	MARKING LINE EPOXY 8-INCH (WHITE)
7	MARKING STOP LINE EPOXY 18-INCH (WHITE)
11	MARKING DIAGONAL EPOXY 12-INCH (WHITE)
36	MARKING LINE EPOXY 4-INCH (DASHED YELLOW) (12.5 FT LINE 37.5 FT SKIP)
183	MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH (WHITE)
234	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
300	MARKING RAILROAD CROSSING EPOXY (WHITE)



NOTE: EXACT LOCATIONS OF SIGN PENNANTS AND CENTERLINE MARKINGS TO BE DETERMINED UNDER THE 'LOCATING NO-PASSING ZONES' BID ITEM.

2

LEGEND

1. SEE S.D.D. TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC
2. SEE S.D.D. TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION. USE AS NEEDED FOR CONSTRUCTION OPERATIONS.
3. SEE S.D.D. TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC (TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL)
4. SEE S.D.D. TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS, TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC (TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL)

WORK AREA

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.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHT 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 RE-ESTABLISHED.

WHEN A SIDE ROAD INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED UNDER FLAGGING OPERATIONS, ADDITIONAL FLAGGERS AND ADVANCE SIGNING SHALL BE PROVIDED ON SIDE ROADS FOLLOWING S.D.D. TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION.

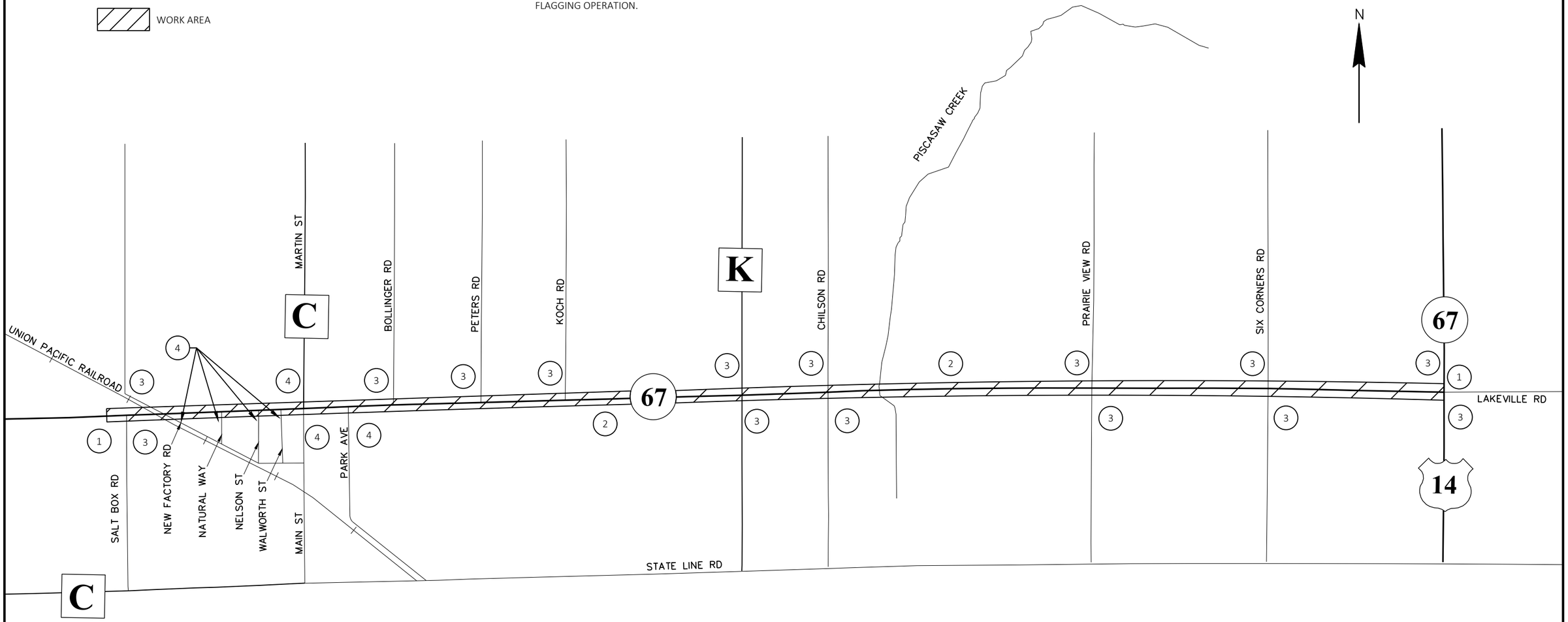
PEDESTRIAN ACCOMMODATIONS

UTILIZE TEMPORARY CURB RAMPS AND OTHER ITEMS INCLUDED IN THE MISCELLANEOUS QUANTITIES TO MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES WITHIN THE VILLAGE OF SHARON.

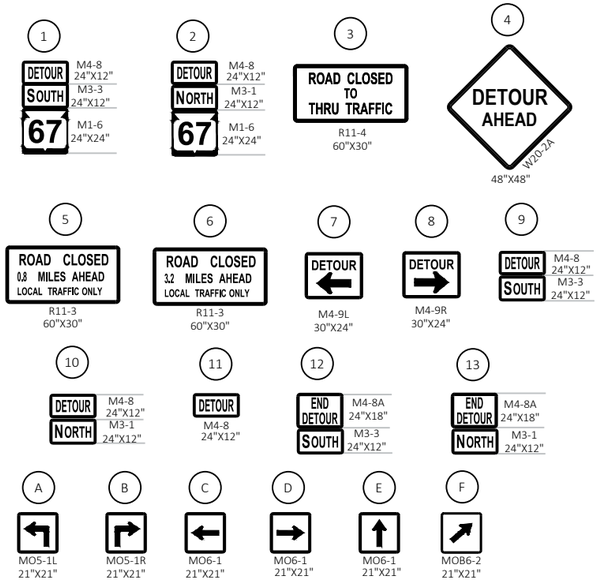
UNLESS APPROVED BY THE ENGINEER, LIMIT WORK AT AN INTERSECTION TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTIONS.

WITH SIDEWALKS LOCATED ON BOTH SIDES OF STH 67, STAGE THE CONSTRUCTION SO THAT BOTH SIDEWALKS ARE NOT CLOSED AT THE SAME TIME, I.E., PURSUE IDENTICAL QUADRANTS AT ALL INTERSECTIONS SIMULTANEOUSLY.

MAINTAINING DRAINAGE IN CURBS AND DITCHES IS INCIDENTAL TO OTHER ITEMS IN THE CONTRACT AND WILL NOT BE PAID SEPARATELY.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	TRAFFIC CONTROL OVERVIEW	SHEET 85	E



GENERAL NOTES:

1. ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER
3. 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
4. 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
5. "WO" SIGNS ARE THE SAME AS "W" AND "MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE
6. ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK BLACK PANEL UNLESS OTHERWISE NOTED

LEGEND

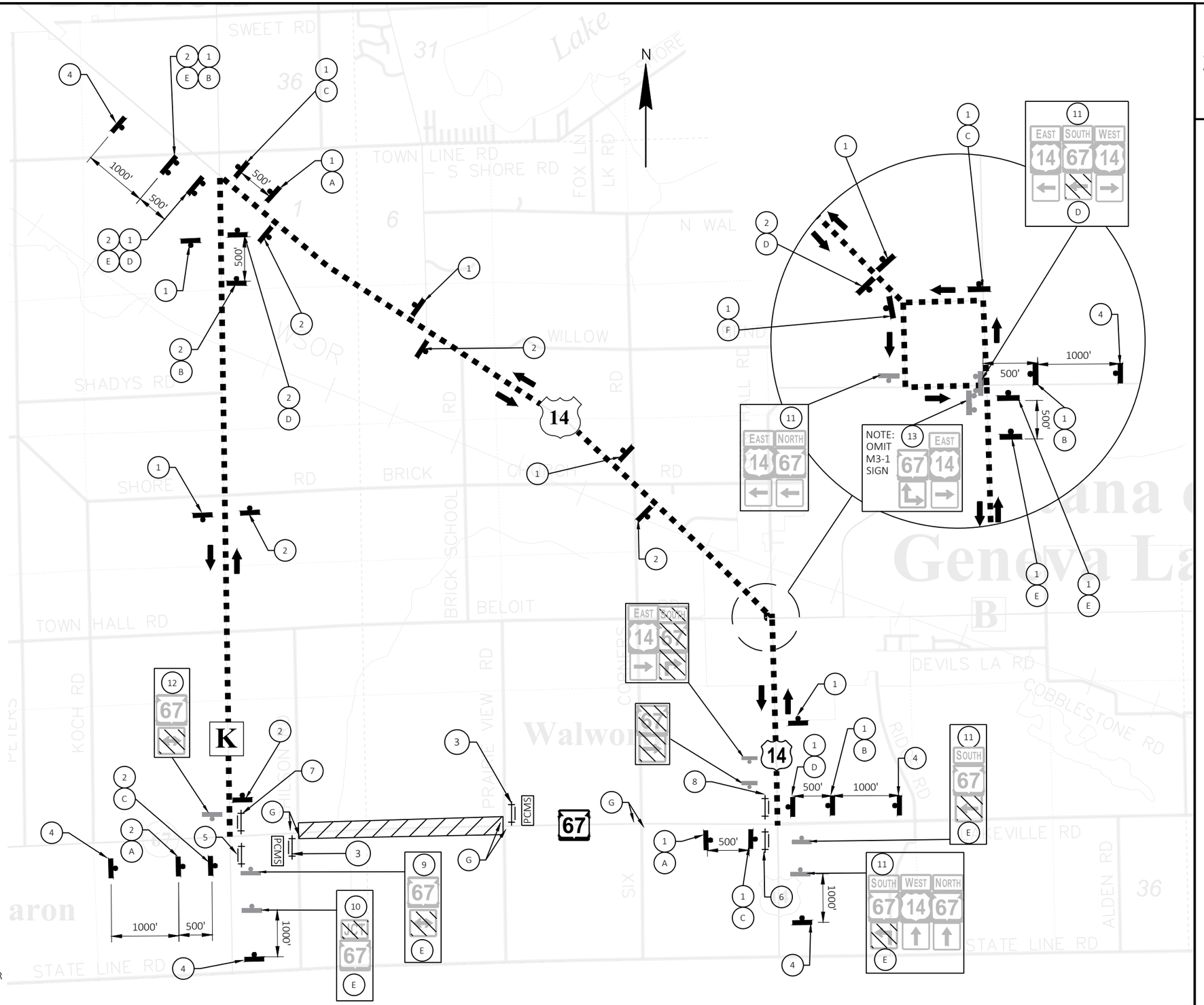
- TRAFFIC FLOW ARROW
- WORK ZONE CLOSED TO TRAFFIC
- DETOUR ROUTE
- PROPOSED SIGN ON SINGLE POST
- PROPOSED SIGN ON DOUBLE POST
- TRAFFIC CONTROL BARRICADE TYPE III WITH SIGN
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- PROPOSED SIGN ON EXISTING SINGLE POST
- PROPOSED SIGN ON EXISTING DOUBLE POST

PCMS

WIS 67 TO CLOSE

BEGINS XXXX XX

PLACE PCMS 5 WORKING DAYS PRIOR TO CLOSURES.



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	DETOUR PLAN - PISCASAW CREEK	SHEET 86	E

LEGEND

- TRAFFIC FLOW ARROW
- WORK ZONE CLOSED TO TRAFFIC
- DETOUR ROUTE
- PROPOSED SIGN ON SINGLE POST
- TRAFFIC CONTROL BARRICADE TYPE III WITH SIGN
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- PROPOSED SIGN ON EXISTING SINGLE POST
- PROPOSED SIGN ON EXISTING DOUBLE POST

GENERAL NOTES:

1. ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
2. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER
3. 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
4. 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
5. "WO" SIGNS ARE THE SAME AS "W" AND "MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE
6. ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK BLACK PANEL UNLESS OTHERWISE NOTED

1 — M4-8 DETOUR 24"X12" 36"X18" / M3-3 SOUTH 24"X12" 36"X18" / M1-6 67 24"X24" 36"X36"

1* — M4-8 DETOUR 24"X12" 36"X18" / M3-3 SOUTH 24"X12" 36"X18" / M1-6 67 24"X24" 36"X36"

2 — M4-8 DETOUR 24"X12" 36"X18" / M3-1 NORTH 24"X12" 36"X18" / M1-6 67 24"X24" 36"X36"

2* — M4-8 DETOUR 24"X12" 36"X18" / M3-1 NORTH 24"X12" 36"X18" / M1-6 67 24"X24" 36"X36"

3 — M4-8A END DETOUR 24"X18" / M3-3 SOUTH 24"X12"

4 — M4-8A END DETOUR 24"X18" / M3-1 NORTH 24"X12"

5NB — ROAD CLOSED 6.0 MILES AHEAD LOCAL TRAFFIC ONLY — R11-3 60"X30"

5SB — ROAD CLOSED 6.5 MILES AHEAD LOCAL TRAFFIC ONLY — R11-3 60"X30"

6 — ROAD CLOSED TO THRU TRAFFIC — R11-4 60"X30"

7 — DETOUR — M4-9L 30"X24"

8 — DETOUR — M4-9R 30"X24"

9 — DETOUR — M4-8 24"X12"

10 — DETOUR AHEAD — W20-2A 48"X48"

11 — M4-8 DETOUR 24"X12" / M3-3 SOUTH 24"X12"

PCMS

WIS 67 TO CLOSE

BEGINS XXXX XX

PLACE PCMS 5 WORKING DAYS PRIOR TO CLOSURES.

A — MO5-1L 21"X21"

B — MO5-1R 21"X21"

C — MO6-1 21"X21"

D — MO6-1 21"X21"

E — MO6-1 21"X21"

F* — MO6-2 21"X21" 30"X30"

G* — MO5-2R 30"X30"

H — SEE SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" DETAIL 3

PLACE ON LEFT & RIGHT OF NB IH 43.

PLACE ON LEFT & RIGHT OF SB IH 43.

NOTE: OMIT M3-3 SIGN

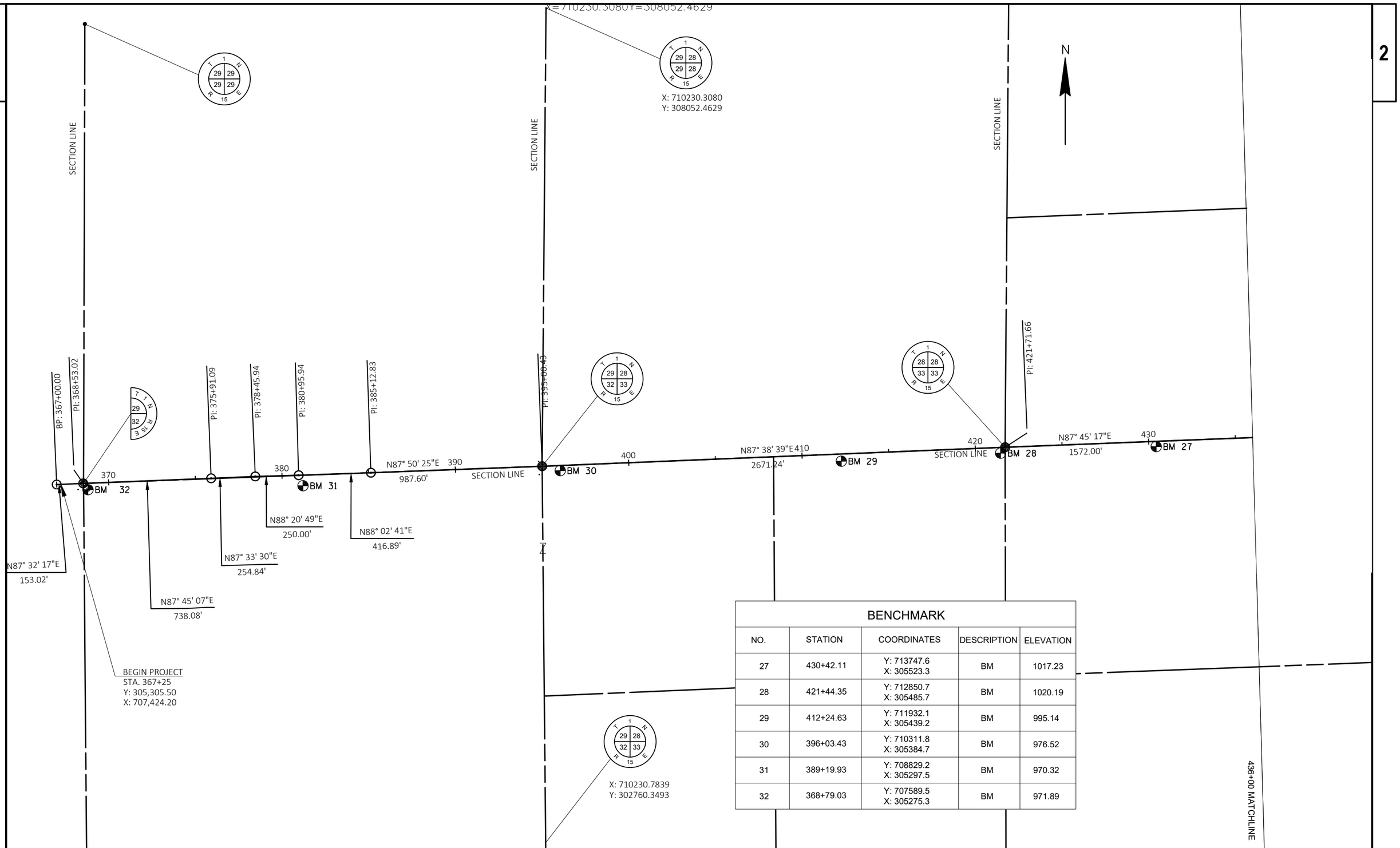
NOTE: OMIT M3-1 SIGN

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	DETOUR PLAN - UNION PACIFIC RAILROAD	SHEET 87	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\027001-DT.DWG PLOT DATE : 11/23/2020 3:32 PM PLOT BY : KAYLA DEBACCO PLOT NAME : PLOT SCALE : 1 IN : 7000 FT

WISDOT/CADDS SHEET 42

2



BENCHMARK

NO.	STATION	COORDINATES	DESCRIPTION	ELEVATION
27	430+42.11	Y: 713747.6 X: 305523.3	BM	1017.23
28	421+44.35	Y: 712850.7 X: 305485.7	BM	1020.19
29	412+24.63	Y: 711932.1 X: 305439.2	BM	995.14
30	396+03.43	Y: 710311.8 X: 305384.7	BM	976.52
31	389+19.93	Y: 708829.2 X: 305297.5	BM	970.32
32	368+79.03	Y: 707589.5 X: 305275.3	BM	971.89

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 88 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 01
PLOT DATE : 9/29/2020 10:46 PM
PLOT BY : PATY DONAHUE
PLOT NAME :
PLOT SCALE : 1 IN:500 FT

2

436+00 MATCHLINE

SECTION LINE

SECTION LINE

SECTION LINE

N

SECTION LINE

PI: 437+43.67

PI: 440+00.80

PI: 448+45.25

PI: 452+45.30

PI: 458+10.38

PI: 463+95.09

PI: 474+98.42

PI: 478+43.82

PI: 483+55.13

PI: 486+95.52

PI: 501+98.35

BM 25

BM 26

BM 24

BM 23

BM 22

BM 21

440

450

460

470

480

490

500

N87° 44' 41"E
844.45

N88° 19' 23"E
565.08'

N88° 26' 50"E
1103.34'

N88° 18' 55"E
1462.83'

N87° 15' 14"E
257.14'

N88° 08' 01"E
400.05'

N88° 35' 24"E
584.71'

N88° 01' 13"E
345.40'

N88° 19' 49"E
511.31'

N88° 06' 38"E
340.39'

BENCHMARK				
NO.	STATION	COORDINATES	DESCRIPTION	ELEVATION
21	501+57.25	Y: 720858.8 X: 305746.8	BM	978.69
22	489+54.15	Y: 719656.0 X: 305718.3	BM	977.00
23	474+63.52	Y: 718166.1 X: 305671.6	BM	987.21
24	461+71.35	Y: 716872.8 X: 305697.5	BM	994.03
25	448+74.28	Y: 715576.0 X: 305661.1	BM	1008.38
26	438+55.47	Y: 714560.4 X: 305560.4	BM	1006.87

X: 7105549.7443
Y: 3022975.2841

X: 718208.4912
Y: 303056.4165

X: 720867.6323
Y: 303137.8904

505+00 MATCHLINE

2

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 89	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 02

PLOT DATE : 9/29/2020 10:46 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

506+00 MATCHLINE

SECTION LINE

X: 723519.7870
Y: 308512.6668

N

SECTION LINE

PI: 513+92.52

PI: 526+50.00

PI: 536+38.39

PI: 546+01.84

PI: 554+67.43

PI: 558+02.35

PI: 565+75.72

BM 16

BM 17

BM 18

BM 19

BM 20

N88° 21' 34"E
1234.17'

510

520

N88° 10' 05"E
1257.49'

SECTION LINE

530

N88° 09' 04"E
988.39'

540

N88° 23' 45"E
963.45'

550

N88° 36' 21"E
889.53'

SECTION LINE

560

N88° 04' 26"E
773.37'

N88° 15' 42"E
334.92'

570

N87° 42' 32"E
1179.40'

574+00 MATCHLINE

BENCHMARK				
NO.	STATION	COORDINATES	DESCRIPTION	ELEVATION
16	568+00.31	Y: 727496.1 X: 306023.0	BM	977.09
17	555+20.59	Y: 726217.2 X: 305992.1	BM	985.81
18	540+39.28	Y: 724737.3 X: 305925.6	BM	1004.33
19	527+72.84	Y: 723471.2 X: 305892.0	BM	992.82
20	514+97.97	Y: 722196.9 X: 305844.6	BM	974.23

X: 7231513.7655
Y: 303215.0810

2

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 90	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 03

PLOT DATE : 9/29/2020 10:46 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

574+00 MATCHLINE

SECTION LINE

SECTION LINE

SECTION LINE

X: 731481.7053
Y: 308784.6294

X: 734202.7381
Y: 308809.2096

N

PI: 577+55.12

PI: 581+25.53

PI: 583+33.27

PI: 591+02.34

PI: 593+50.22

PI: 606+38.81

PI: 610+83.96

PI: 615+28.92

PI: 630+15.37

PI: 640+83.80

BM 15

580

590

600

610

620

630

640

SECTION LINE

N87° 32' 30"E
769.07'

N88° 21' 44"E
1288.59'

N89° 00' 49"E
444.96'

N89° 15' 23"E
1486.45'

N89° 45' 27"E
1108.42'

N89° 44' 41"E
1008.67'

BM 14

BM 13

BM 12

BM 11

BM 10

N87° 51' 19"E
207.74'

N88° 06' 20"E
247.88'

N87° 39' 10"E
370.41'

N88° 44' 30"E
445.15'

BENCHMARK				
NO.	STATION	COORDINATES	DESCRIPTION	ELEVATION
10	647+15.21	Y: 735409.9 X: 306134.1	BM	947.63
11	634+91.86	Y: 734186.5 X: 306134.7	BM	942.32
12	621+66.45	Y: 732861.6 X: 306110.2	BM	938.20
13	608+19.44	Y: 731515.0 X: 306094.5	BM	934.86
14	595+25.69	Y: 730221.5 X: 306072.2	BM	936.65
15	581.57.89	Y: 728852.9 X: 306073.7	BM	961.46

X: 731492.4592
Y: 303478.6551

X: 734156.8894
Y: 303501.0423

649+00 MATCHLINE

2

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 91	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 04

PLOT DATE : 9/29/2020 10:46 PM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

649+00 MATCHLINE

SECTION LINE

X: 736878.0298
Y: 308822.9738

X: 73950.4240
Y: 308832.1158

SECTION LINE

SECTION LINE

N

2

PI: 650+92.47

PI: 661+29.40

PI: 663+62.74

PI: 666+56.53

PI: 673+77.11

PI: 679+54.50

PI: 684+74.05

PI: 688+83.14

PI: 697+15.80

PI: 706+34.23

PI: 711+14.73

PI: 714+73.20

PI: 717+29.71

650 N89° 56' 10"E 660 BM 9 670 S89° 53' 42"E BM 8 680 N89° 41' 51"E N89° 49' 54"E 690 N89° 57' 38"E 700 S89° 46' 18"E S89° 41' 12"E 710 BM 5 720

1036.93' SECTION LINE

720.58'

519.55'

SECTION LINE 409.09'

BM 7

832.66'

BM 6

918.43'

480.50'

SECTION LINE

S89° 44' 06"E
293.79'

N89° 52' 34"E
577.39'

S89° 31' 57"E
233.34'

S89° 31' 41"E
358.47'

S89° 08' 13"E
256.51'

BENCHMARK				
NO.	STATION	COORDINATES	DESCRIPTION	ELEVATION
5	715+12.78	Y: 742207.8 X: 306196.6	BM	963.71
6	698+72.69	Y: 740.567.1 X: 306132.2	BM	960.71
7	688+33.74	Y: 739528.4 X: 306140.3	BM	958.23
8	677+55.51	Y: 738450.0 X: 306189.6	BM	954.82
9	660+99.33	Y: 736793.8 X: 306201.6	BM	947.29

X: 739477.1538
Y: 303531.6046

722+00 MATCHLINE

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 92	E

2

722+00 MATCHLINE

SECTION LINE

SECTION LINE

X: 744806.4393
Y: 308796.2872

N

2

PI: 726+16.88

PI: 732+64.90

PI: 745+02.43

PI: 754+23.42

PI: 761+00.40

PI: 766+02.38

PI: 767+65.51

EP: 769+00.00

END PROJECT
STA 767+20

BM 4

BM 3

BM 2

BM 1

S88° 45' 53"E
887.17'

730

S88° 40' 57"E
1237.56'

740

SECTION LINE

S88° 59' 47"E
920.98'

750

S89° 08' 41"E
676.99'

760

S89° 02' 32"E
501.98'

SECTION LINE

S88° 46' 55"E
648.03'

N89° 56' 12"E
163.13'

S87° 16' 57"E
134.49'

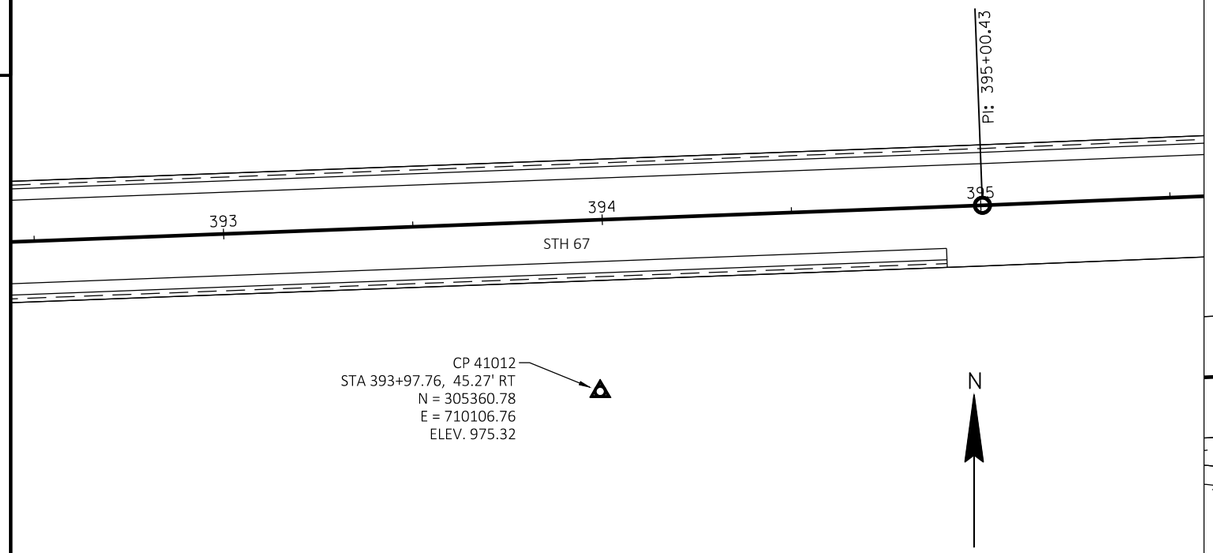
T 1 N R 16 E
28
33

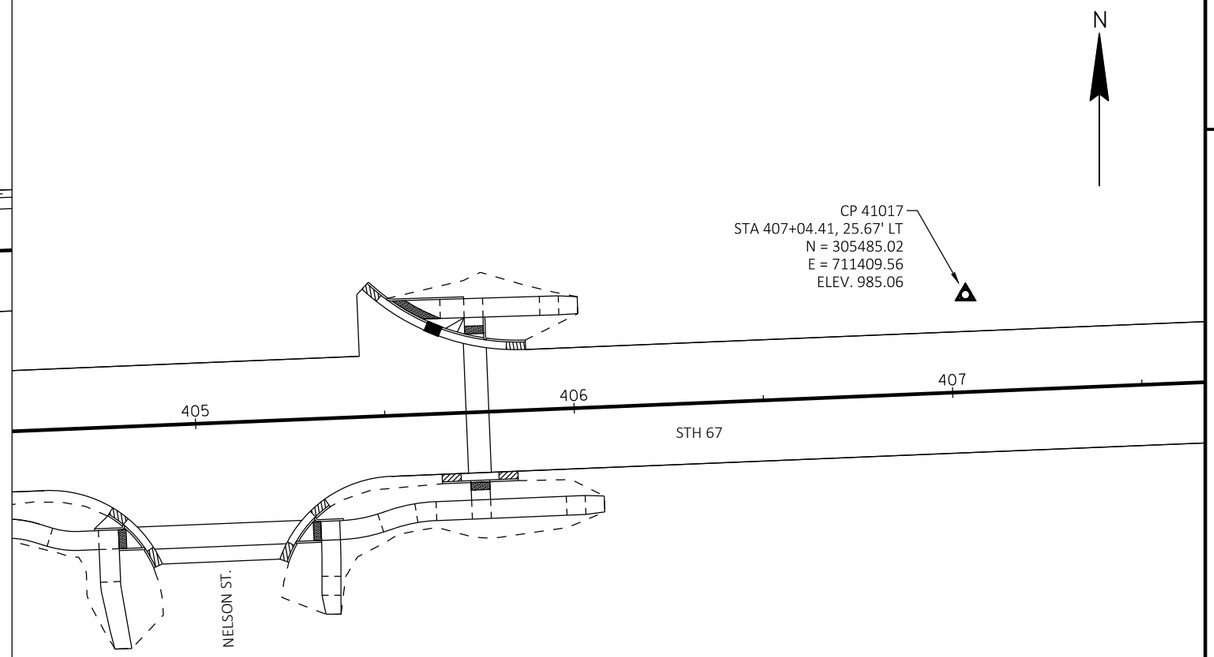
BENCHMARK				
NO.	STATION	COORDINATES	DESCRIPTION	ELEVATION
1	768+89.66	Y: 747584.6 X: 306088.1	BM	974.19
2	752+41.99	Y: 745935.0 X: 306044.9	BM	972.57
3	741+19.93	Y: 744814.7 X: 306141.8	BM	970.50
4	727+99.03	Y: 743494.1 X: 306171.5	BM	967.34

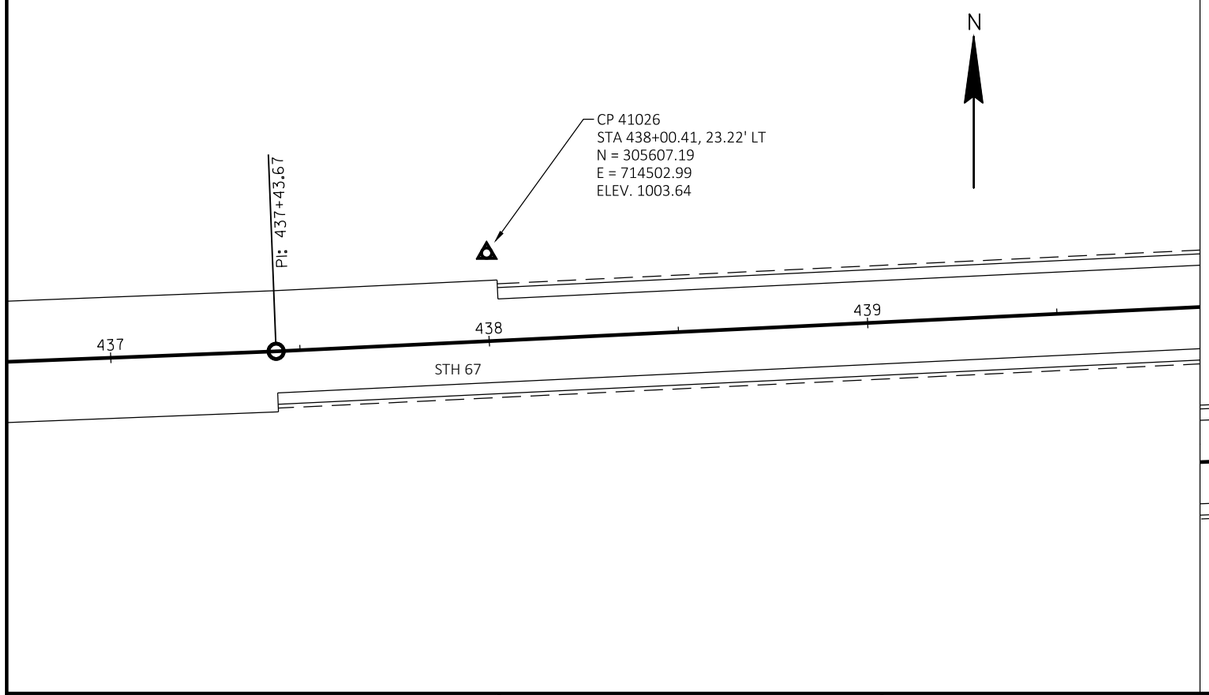
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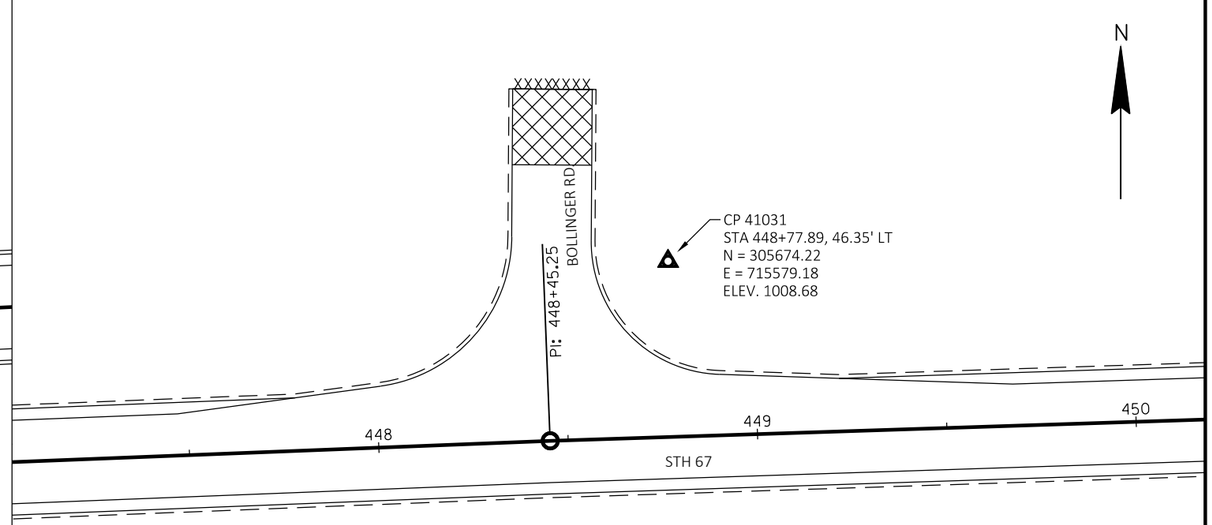
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	ALIGNMENT PLAN	SHEET 93	E

2







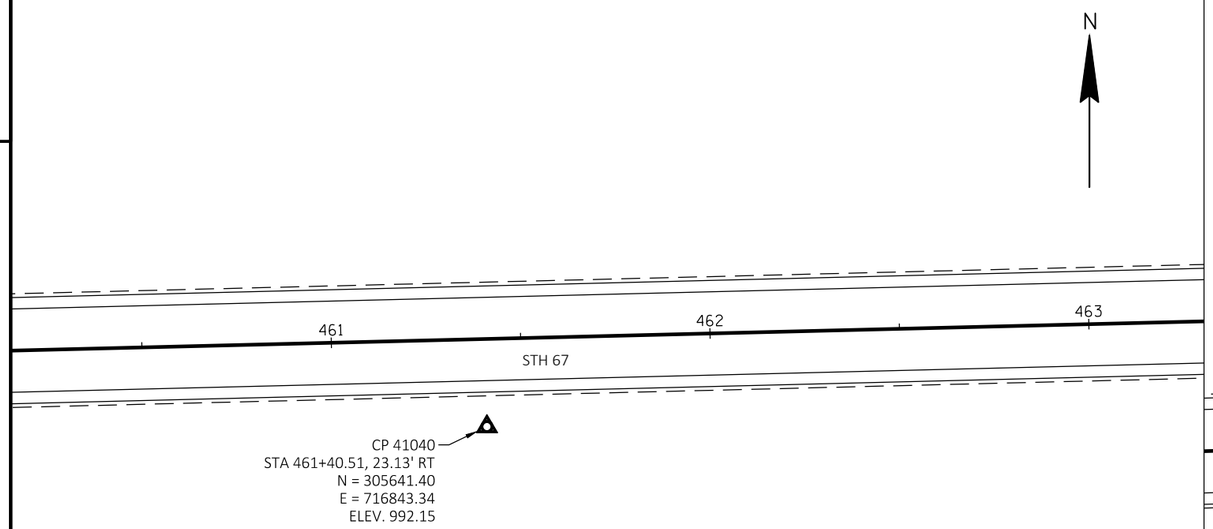


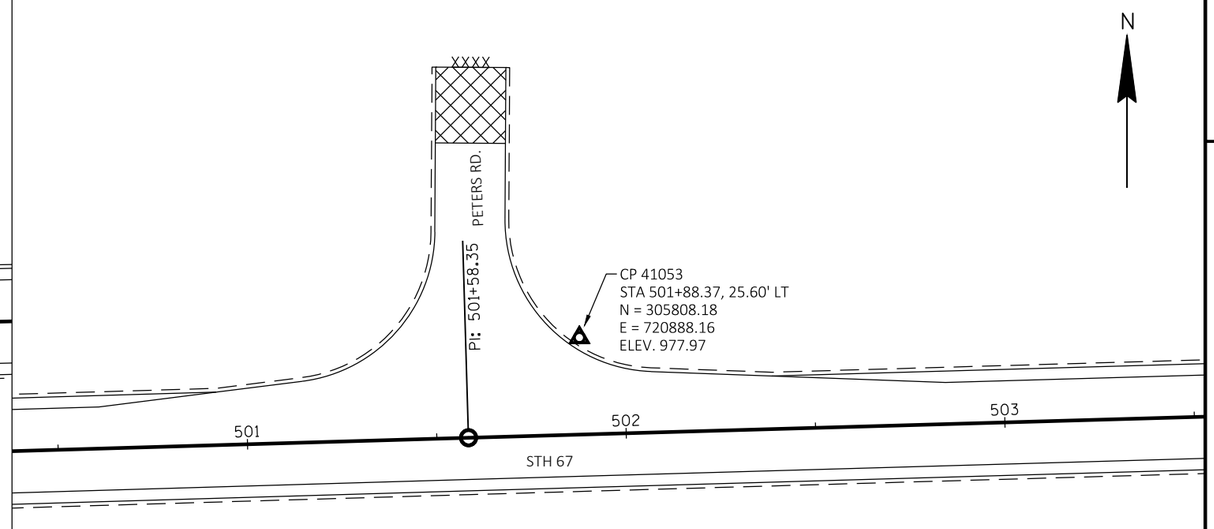
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	SURVEY CONTROL	SHEET 94	E

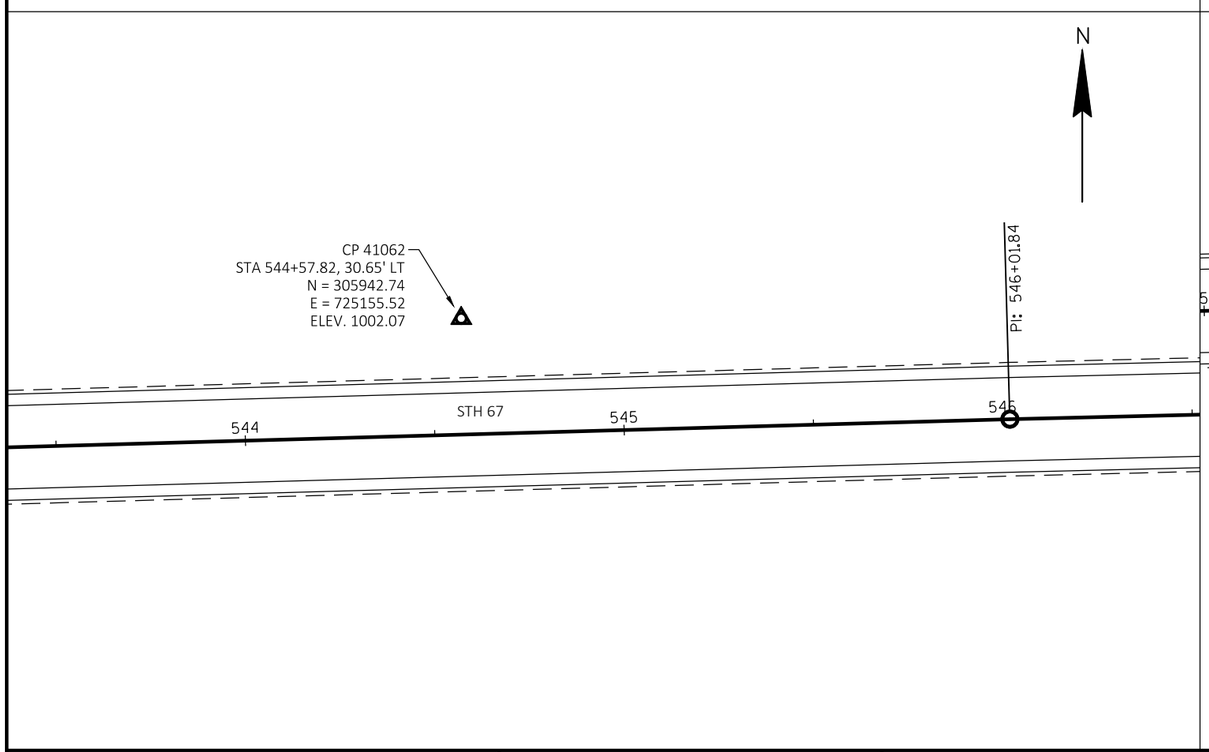
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\027203-AD.DWG
LAYOUT NAME - 01

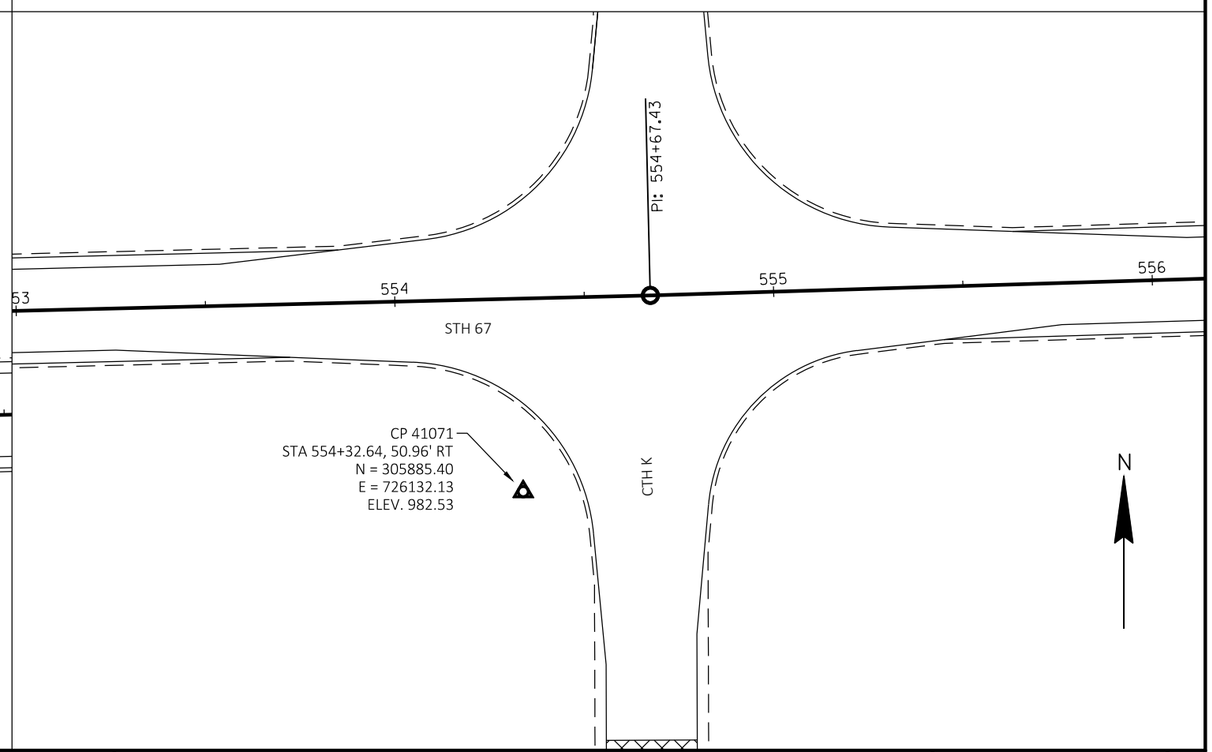
PLOT DATE : 9/25/2020 9:57 AM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:40 FT

2









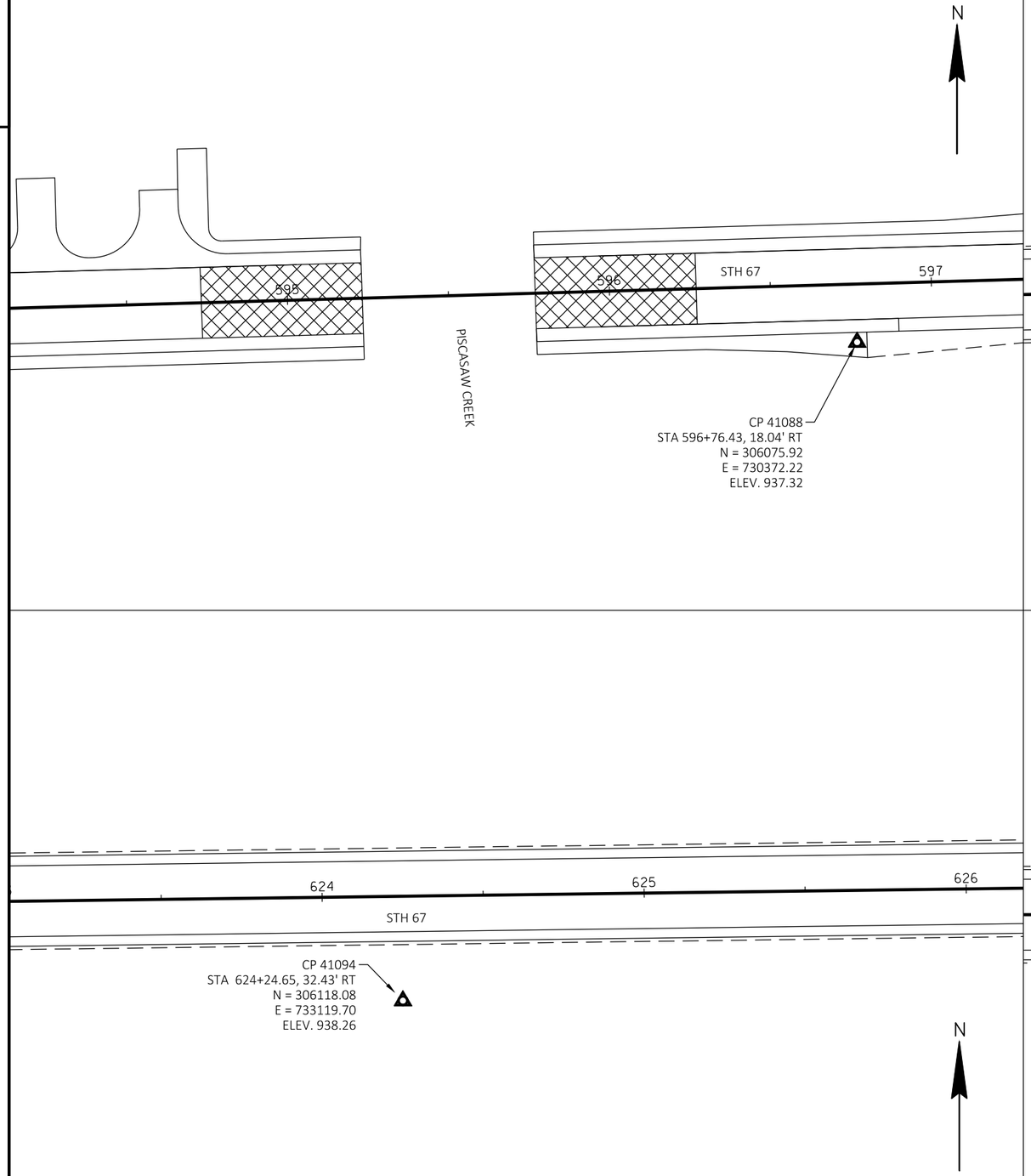
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	SURVEY CONTROL	SHEET 95	E

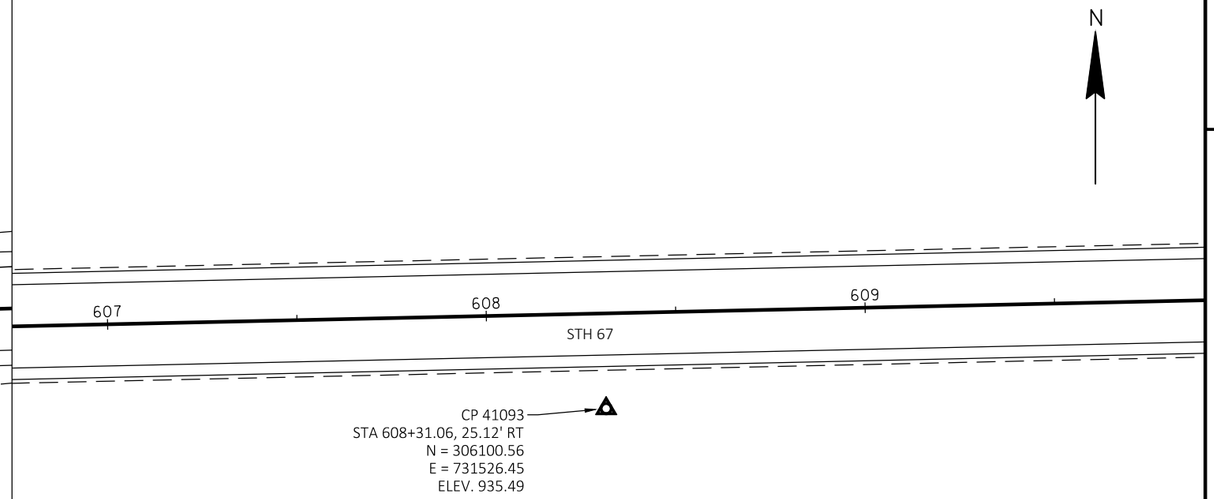
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LAYOUT NAME - 02

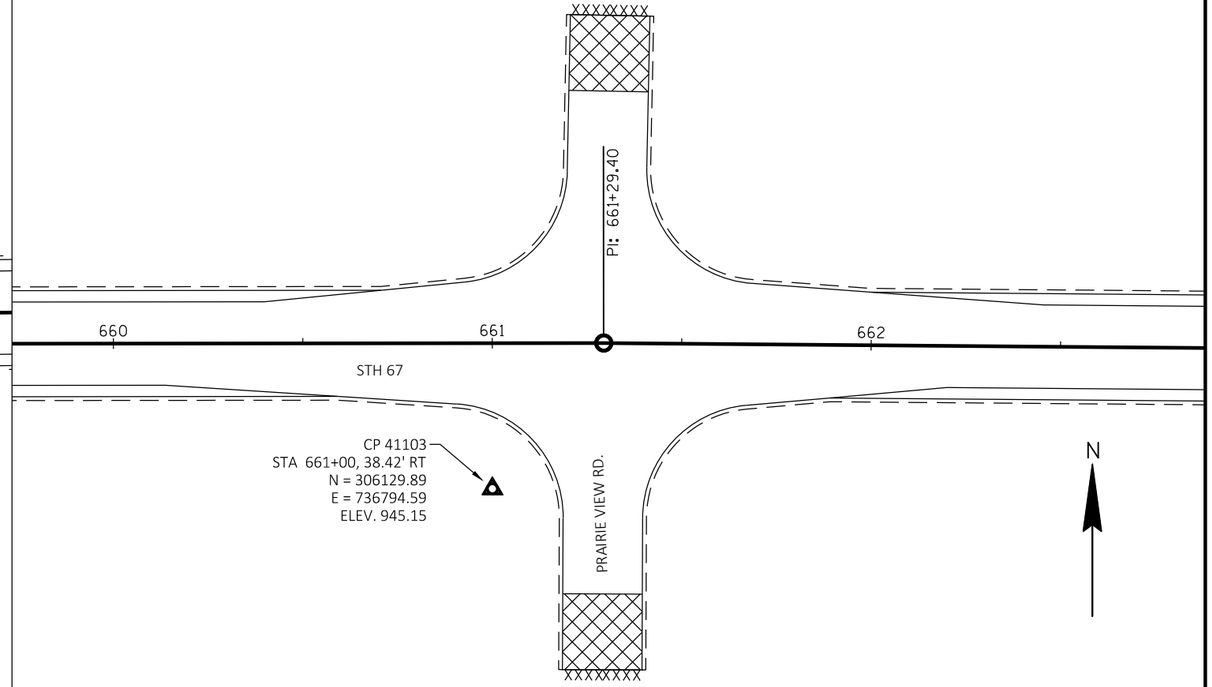
PLOT DATE : 9/25/2020 9:57 AM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



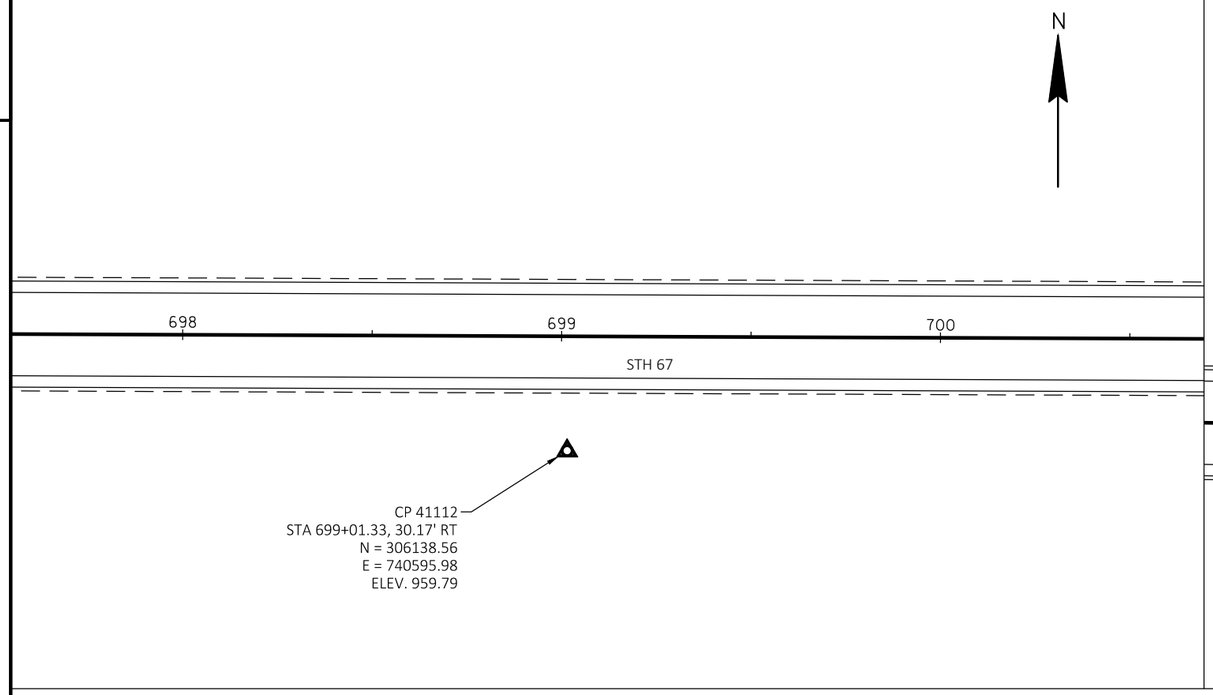


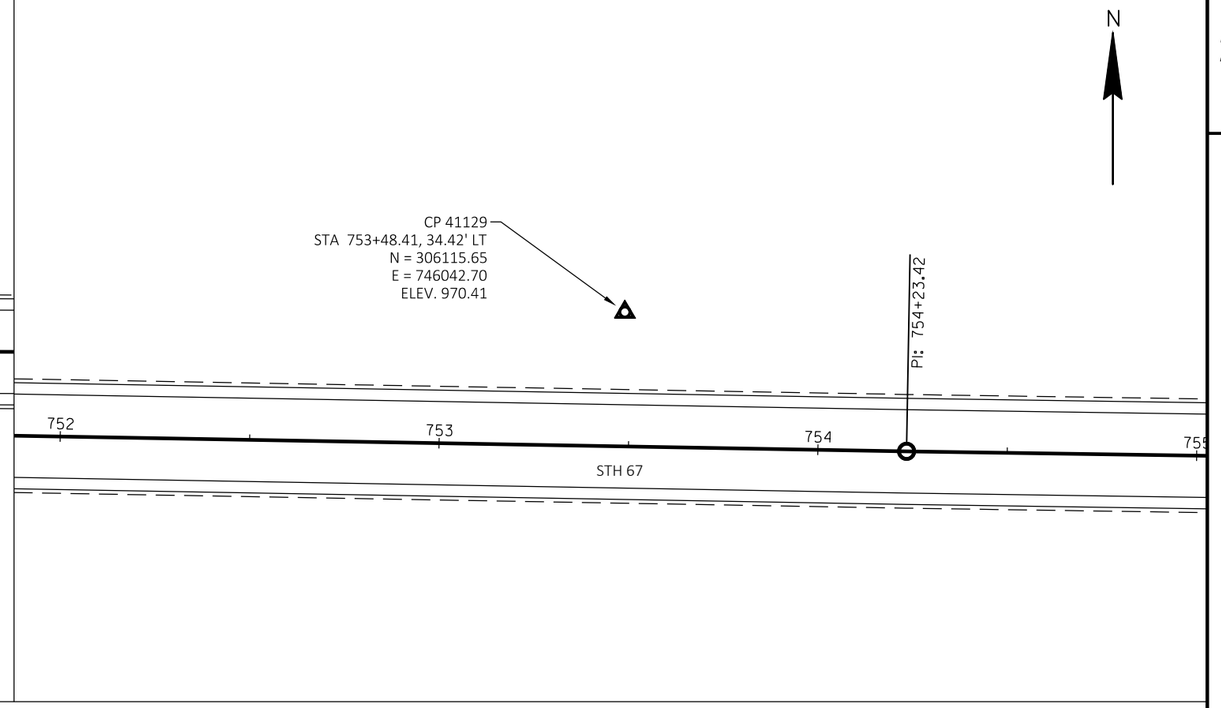


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	SURVEY CONTROL	SHEET 96	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\027203-AD.DWG
LAYOUT NAME - 03

PLOT DATE : 9/25/2020 9:57 AM PLOT BY : PATY DONAHUE PLOT NAME : PLOT SCALE : 1 IN:40 FT





2

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	SURVEY CONTROL	SHEET 97	E

3706-01-60

Line	Item	Item Description	Unit	Total	Qty
0002	201.0120	Clearing	ID	30.000	30.000
0004	201.0220	Grubbing	ID	30.000	30.000
0006	203.0100	Removing Small Pipe Culverts	EACH	11.000	11.000
0008	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,950.000	1,950.000
0010	204.0120	Removing Asphaltic Surface Milling	SY	131,275.000	131,275.000
0012	204.0150	Removing Curb & Gutter	LF	825.000	825.000
0014	204.0155	Removing Concrete Sidewalk	SY	500.000	500.000
0016	204.0165	Removing Guardrail	LF	363.000	363.000
0018	205.0100	Excavation Common	CY	585.000	585.000
0020	208.0100	Borrow	CY	418.000	418.000
0022	209.2100	Backfill Granular Grade 2	CY	240.000	240.000
0024	213.0100	Finishing Roadway (project) 01. 3706-01-60	EACH	1.000	1.000
0026	305.0110	Base Aggregate Dense 3/4-Inch	TON	1,200.000	1,200.000
0028	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	500.000	500.000
0030	305.0410	Aggregate Detours	TON	50.000	50.000
0032	305.0500	Shaping Shoulders	STA	724.000	724.000
0034	390.0203	Base Patching Asphaltic	SY	1,375.000	1,375.000
0036	416.0170	Concrete Driveway 7-Inch	SY	110.000	110.000
0038	455.0605	Tack Coat	GAL	9,450.000	9,450.000
0040	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	1.000	1.000
0042	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	1.000	1.000
0044	460.5224	HMA Pavement 4 LT 58-28 S	TON	17,150.000	17,150.000
0046	465.0115	Asphaltic Surface Detours	TON	50.000	50.000
0048	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	38.000	38.000
0050	465.0315	Asphaltic Flumes	SY	8.000	8.000
0052	509.1500	Concrete Surface Repair	SF	65.000	65.000
0054	520.8700	Cleaning Culvert Pipes	EACH	6.000	6.000
0056	521.1012	Apron Endwalls for Culvert Pipe Steel 12-Inch	EACH	2.000	2.000
0058	521.1018	Apron Endwalls for Culvert Pipe Steel 18-Inch	EACH	2.000	2.000
0060	521.1024	Apron Endwalls for Culvert Pipe Steel 24-Inch	EACH	6.000	6.000
0062	521.1242	Apron Endwalls for Pipe Arch Steel 42x29-Inch	EACH	6.000	6.000
0064	521.3112	Culvert Pipe Corrugated Steel 12-Inch	LF	48.000	48.000
0066	521.3118	Culvert Pipe Corrugated Steel 18-Inch	LF	42.000	42.000
0068	521.3124	Culvert Pipe Corrugated Steel 24-Inch	LF	87.000	87.000
0070	521.3742	Pipe Arch Corrugated Steel 42x29-Inch	LF	144.000	144.000
0072	522.2419	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	40.000	40.000
0074	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	2.000	2.000
0076	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	825.000	825.000

Line	Item	Item Description	Unit	Total	Qty
0078	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	400.000	400.000
0080	601.0600	Concrete Curb Pedestrian	LF	208.000	208.000
0082	602.0410	Concrete Sidewalk 5-Inch	SF	5,125.000	5,125.000
0084	602.0505	Curb Ramp Detectable Warning Field Yellow	SF	200.000	200.000
0086	602.0605	Curb Ramp Detectable Warning Field Radial Yellow	SF	54.000	54.000
0088	606.0200	Riprap Medium	CY	8.000	8.000
0090	611.8115	Adjusting Inlet Covers	EACH	4.000	4.000
0092	614.0200	Steel Thrie Beam Structure Approach	LF	21.000	21.000
0094	614.0305	Steel Plate Beam Guard Class A	LF	13.000	13.000
0096	614.0345	Steel Plate Beam Guard Short Radius	LF	38.000	38.000
0098	614.0390	Steel Plate Beam Guard Short Radius Terminal	EACH	1.000	1.000
0100	614.0397	Guardrail Mow Strip Emulsified Asphalt	SY	325.000	325.000
0102	614.2300	MGS Guardrail 3	LF	788.000	788.000
0104	614.2500	MGS Thrie Beam Transition	LF	117.000	117.000
0106	614.2610	MGS Guardrail Terminal EAT	EACH	3.000	3.000
0108	618.0100	Maintenance And Repair of Haul Roads (project) 01. 3706-01-60	EACH	1.000	1.000
0110	619.1000	Mobilization	EACH	1.000	1.000
0112	624.0100	Water	MGAL	60.000	60.000
0114	625.0500	Salvaged Topsoil	SY	7,000.000	7,000.000
0116	627.0200	Mulching	SY	3,500.000	3,500.000
0118	628.1504	Silt Fence	LF	2,600.000	2,600.000
0120	628.1520	Silt Fence Maintenance	LF	3,100.000	3,100.000
0122	628.1905	Mobilizations Erosion Control	EACH	10.000	10.000
0124	628.1910	Mobilizations Emergency Erosion Control	EACH	5.000	5.000
0126	628.2004	Erosion Mat Class I Type B	SY	7,000.000	7,000.000
0128	628.7010	Inlet Protection Type B	EACH	6.000	6.000
0130	628.7015	Inlet Protection Type C	EACH	35.000	35.000
0132	628.7504	Temporary Ditch Checks	LF	300.000	300.000
0134	628.7555	Culvert Pipe Checks	EACH	61.000	61.000
0136	628.7570	Rock Bags	EACH	125.000	125.000
0138	629.0210	Fertilizer Type B	CWT	5.300	5.300
0140	630.0130	Seeding Mixture No. 30	LB	125.000	125.000
0142	630.0200	Seeding Temporary	LB	187.000	187.000
0144	630.0500	Seed Water	MGAL	40.000	40.000
0146	633.5200	Markers Culvert End	EACH	20.000	20.000
0148	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	37.000	37.000
0150	634.0816	Posts Tubular Steel 2x2-Inch X 16-FT	EACH	5.000	5.000
0152	637.2210	Signs Type II Reflective H	SF	162.760	162.760
0154	637.2230	Signs Type II Reflective F	SF	159.180	159.180

Line	Item	Item Description	Unit	Total	Qty
0156	638.2102	Moving Signs Type II	EACH	16.000	16.000
0158	638.2602	Removing Signs Type II	EACH	19.000	19.000
0160	638.3000	Removing Small Sign Supports	EACH	28.000	28.000
0162	642.5201	Field Office Type C	EACH	1.000	1.000
0164	643.0300	Traffic Control Drums	DAY	4,030.000	4,030.000
0166	643.0410	Traffic Control Barricades Type II	DAY	1,910.000	1,910.000
0168	643.0420	Traffic Control Barricades Type III	DAY	4,526.000	4,526.000
0170	643.0705	Traffic Control Warning Lights Type A	DAY	5,300.000	5,300.000
0172	643.0900	Traffic Control Signs	DAY	13,371.000	13,371.000
0174	643.0920	Traffic Control Covering Signs Type II	EACH	21.000	21.000
0176	643.1050	Traffic Control Signs PCMS	DAY	28.000	28.000
0178	643.1070	Traffic Control Cones 42-Inch	DAY	6,250.000	6,250.000
0180	643.5000	Traffic Control	EACH	1.000	1.000
0182	644.1410	Temporary Pedestrian Surface Asphalt	SF	910.000	910.000
0184	644.1430	Temporary Pedestrian Surface Plate	SF	130.000	130.000
0186	644.1601	Temporary Pedestrian Curb Ramp	DAY	295.000	295.000
0188	645.0120	Geotextile Type HR	SY	36.000	36.000
0190	646.1020	Marking Line Epoxy 4-Inch	LF	36,100.000	36,100.000
0192	646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	70,260.000	70,260.000
0194	646.3020	Marking Line Epoxy 8-Inch	LF	160.000	160.000
0196	646.5320	Marking Railroad Crossings Epoxy	EACH	2.000	2.000
0198	646.6120	Marking Stop Line Epoxy 18-Inch	LF	505.000	505.000
0200	646.7120	Marking Diagonal Epoxy 12-Inch	LF	105.000	105.000
0202	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	680.000	680.000
0204	648.0100	Locating No-Passing Zones	MI	6.830	6.830
0206	649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	735.000	735.000
0208	649.0770	Temporary Marking Raised Pavement Marker Type II	EACH	825.000	825.000
0210	690.0150	Sawing Asphalt	LF	9,010.000	9,010.000
0212	690.0250	Sawing Concrete	LF	250.000	250.000
0214	740.0440	Incentive IRI Ride	DOL	30,271.000	30,271.000
0216	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	1,200.000	1,200.000
0218	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	2,280.000	2,280.000
0220	SPV.0055	Special 01. Incentive Density PWL HMA Pavement	DOL	12,130.000	12,130.000
0222	SPV.0055	Special 02. Incentive Air Voids HMA Pavement	DOL	17,150.000	17,150.000
0224	SPV.0055	Special 03. Incentive Density HMA Pavement Longitudinal Joints	DOL	16,040.000	16,040.000
0226	SPV.0060	Special 01. Curb Ramp Grinding, Shaping and Finishing	EACH	16.000	16.000
0228	SPV.0090	Special 01. Silt Fence Double Staked	LF	500.000	500.000
0230	SPV.0090	Special 02. Flashing Stainless Steel	LF	102.000	102.000
0232	SPV.0105	Special 01. Survey Project 3706-01-60	LS	1.000	1.000

Line	Item	Item Description	Unit	Total	Qty
0234	SPV.0105	Special 02. Steel Railing Type "W" Rehabilitation	LS	1.000	1.000
0236	SPV.0165	Special 01. Fiber Wrap Reinforcing Non-Structural	SF	53.000	53.000

3

CLEARING AND GRUBBING

LOCATION	201.0120 CLEARING ID	201.0220 GRUBBING ID
UNDISTRIBUTED	30	30
TOTALS	**30**	**30**

REMOVING SMALL PIPE CULVERTS

STATION		SIZE INCH	LENGTH FEET	TYPE	203.0100 REMOVING SMALL PIPE CULVERTS EACH	COMMENTS
368+53	28' LT	18	71	CPCM	1	SIDE ROAD CULVERT
494+18	CL	36	60	CPCM	1	CROSS CULVERT
498+24	CL	36	60	CPCM	1	CROSS CULVERT
498+30	CL	36	60	CPCM	1	CROSS CULVERT
587+60	CL	15	52	CPCM	1	CROSS CULVERT
594+27	23' LT	15	24	CPCM	1	DRIVEWAY CULVERT
594+60	24' LT	18	30	CPCM	1	DRIVEWAY CULVERT
594+78	24' RT	18	35	CPCM	1	DRIVEWAY CULVERT
659+82	CL	18	43	CPCM	1	CROSS CULVERT
711+91	CL	18	43	CPCM	1	CROSS CULVERT
767+15	CL	12	51	CPCM	1	CROSS CULVERT
TOTAL					**11**	

3

REMOVING PAVEMENT

STATION	TO	STATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
367+15	TO	377+27	370	3,450
377+27	TO	395+15	345	7,350
395+15	TO	437+44	275	15,375
437+44	TO	448+45	25	3,575
448+45	TO	474+98	50	8,500
474+98	TO	501+58	45	8,525
501+58	TO	554+67	75	17,125
554+67	TO	581+26	100	8,925
581+26	TO	595+24	165	4,550
595+78	TO	661+29	170	20,525
661+29	TO	714+73	100	17,000
714+73	TO	767+20	230	16,375
TOTALS			**1,950**	**131,275**

REMOVING CURB AND GUTTER

LOCATION	204.0150 REMOVING CURB AND GUTTER LF
NELSON STREET INTERSECTION	110
WALWORTH STREET INTERSECTION	140
CTH C / MARTIN STREET INTERSECTION	150
PARK AVENUE INTERSECTION	95
SHARON SCHOOL DRIVEWAYS	155
UNDISTRIBUTED	175
TOTALS	**825**

REMOVING SIDEWALK

LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY
NELSON STREET INTERSECTION	110
WALWORTH STREET INTERSECTION	125
CTH C / MARTIN STREET INTERSECTION	120
PARK AVENUE INTERSECTION	60
UNDISTRIBUTED	85
TOTALS	**500**

REMOVING GUARDRAIL

STATION	TO	STATION	LOCATION	204.0165 REMOVING GUARDRAIL LF
368+30		368+80	LT	50
594+80		595+24	LT	44
594+80		595+24	RT	44
595+78		597+00	LT	119
595+78		596+84	RT	106
TOTAL				**363**

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

EARTHWORK SUMMARY

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	AVAILABLE MATERIAL (5)	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
DIVISION 1											
STH67-STA368+00-STA371+00	368+00/371+00		25	0	25	1	1	24	24	0	
DIVISION 1 SUBTOTAL			25	0	25	1	1	24	24	0	
DIVISION 2											
STH67-STA469+00-STA472+75	469+00/472+75		164	0	164	0	0	164	164	0	
DIVISION 2 SUBTOTAL			164	0	164	0	0	164	164	0	
DIVISION 3											
STH67-STA492+50-STA494+50	492+50/494+50		36	0	36	0	0	36	36	0	
DIVISION 3 SUBTOTAL			36	0	36	0	0	36	36	0	
DIVISION 4											
STH67-STA496+25-STA500+50	496+25/500+50		98	0	98	1	1	97	97	0	
DIVISION 4 SUBTOTAL			98	0	98	1	1	97	97	0	
DIVISION 5											
STH67-STA586+50-STA598+50	586+50/598+50		123	0	123	433	541	-418	0	418	
DIVISION 5 SUBTOTAL			123	0	123	433	541	-418	0	418	
DIVISION 6											
STH67-STA657+75-STA660+90	657+75/660+50		42	0	42	7	9	33	33	0	
DIVISION 6 SUBTOTAL			42	0	42	7	9	33	33	0	
DIVISION 7											
STH67-STA710+25-STA714+25	710+25/714+25		71	0	71	22	28	44	44	0	
DIVISION 7 SUBTOTAL			71	0	71	22	28	44	44	0	
DIVISION 8											
STH67-STA765+50-STA767+18	765+50/767+18		26	0	26	3	4	22	22	0	
DIVISION 8 SUBTOTAL			26	0	26	3	4	22	22	0	
GRAND TOTAL			585	0	585	467	584	1	420	418	
TOTAL COMMON EXCAVATION			585								

NOTES:

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

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

(3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL.

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

(13) EXPANDED FILL FACTOR = USED WISDOT DEFAULT (1.25)SINCE NO SOILS TESTING AVAILABLE

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

(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

BASE AGGREGATE ITEMS

LOCATION	STATION	TO	STATION	209.2100 BACKFILL GRANULAR GRADE 2 CY	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0500 SHAPING SHOULDERS STA	624.0100 WATER MGAL
STH 67	367+15	TO	377+07	--	30	--	20	2
STH 67	377+27	TO	395+15	--	55	--	36	2
STH 67	395+15	TO	437+44	--	--	--	--	--
STH 67	437+44	TO	448+45	--	35	--	24	2
STH 67	448+45	TO	474+98	--	75	--	54	2
STH 67	474+98	TO	501+58	--	75	--	54	2
STH 67	501+58	TO	554+67	--	150	--	108	4
STH 67	554+67	TO	581+26	--	75	--	54	2
STH 67	581+26	TO	595+24	--	40	250	28	6
STH 67	595+78	TO	661+29	--	185	85	132	6
STH 67	661+29	TO	714+73	--	155	--	108	4
STH 67	714+73	TO	767+20	--	150	--	106	4
STH 67 EB DRIVEWAYS	367+15	TO	767+20	--	25	--	--	5
STH 67 WB DRIVEWAYS	367+15	TO	767+20	--	30	--	--	5
CULVERTS	498+24			125	--	42	--	5
CULVERT	587+60			25	--	10	--	1
CULVERT	659+82			30	--	10	--	2
CULVERT	711+91			20	--	10	--	1
CULVERT	767+15			15	--	10	--	1
UNDISTRIBUTED	--			25	120	83	--	4
TOTALS				**240**	**1,200**	**500**	**724**	**60**

MAINTAINING DETOURS

LOCATION	305.0410 AGGREGATE DETOURS TON	465.0115 ASPHALTIC SURFACE DETOURS TON
PROJECT	50	50
TOTALS	**50**	**50**

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

ASPHALT ITEMS

STATION	TO	STATION	455.0605 TACK COAT GAL	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0315 ASPHALTIC FLUMES SY
367+15	TO	395+15	825	1,475	--	--
395+15	TO	437+44	1,100	2,000	2	--
437+44	TO	448+45	275	475	4	--
448+45	TO	474+98	600	1,100	10	--
474+98	TO	501+58	600	1,100	8	--
501+58	TO	554+67	1,225	2,200	10	--
554+67	TO	581+26	650	1,150	--	--
581+26	TO	595+24	350	675	4	8
595+78	TO	661+29	1,450	2,675	--	--
661+29	TO	714+73	1,200	2,175	--	--
714+73	TO	767+20	1,175	2,125	--	--
TOTALS			**9,450**	**17,150**	**38**	**8**

ASPHALT PWL

LOCATION	460.0105.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS EACH	465.0110.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP DENSITY EACH
PROJECT	1	1
TOTALS	**1**	**1**

PWL Mixture Use Table

The following acceptance criteria are applicable for this project:

Location	Station	Mixture Use	Underlying Surface	Bid Item	Tons	Thickness	Quality Management Program to be used for: Mixture Acceptance	Quality Management Program to be used for: Density Acceptance
Mainline - Rural	367+15 EB to 394+91 EB 367+15 WB to 395+15 WB	Upper Layer	Milled Existing HMA Surface	4 LT 58-28 S	864	2"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement SPV.0055.01
Shoulders - Rural	367+15 EB to 394+91 EB 367+15 WB to 395+15 WB	Upper Layer	Milled Existing HMA Surface	4 LT 58-28 S	611	2"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by Department. Not Eligible for Incentive or Disincentive
Mainline - Urban	394+91 EB to 437+42 EB 395+15 WB to 438+03 WB	Upper Layer	Milled Existing HMA Surface	4 LT 58-28 S	2,000	2"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement SPV.0055.01
Mainline - Rural	437+42 EB to 595+24 EB 438+03 WB to 595+24 WB	Upper Layer	Milled Existing HMA Surface	4 LT 58-28 S	4,884	2"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement SPV.0055.01
Shoulders - Rural	437+42 EB to 587+46 EB 438+03 WB to 594+72 WB	Upper Layer	Milled Existing HMA Surface	4 LT 58-28 S	1,741	2"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by Department. Not Eligible for Incentive or Disincentive
Shoulders - Rural	587+46 EB to 595+24 EB 594+72 WB to 595+24 WB	Upper Layer / Lower Layer	Base Aggregate	4 LT 58-28 S	75	2" / 1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by Department. Not Eligible for Incentive or Disincentive
Mainline -- Rural	595+78 to 767+20	Upper Layer	Milled Existing HMA Surface	4 LT 58-28 S	5,315	2"	PWL Incentive Air Voids HMA Pavement 460.2010	Incentive Density PWL HMA Pavement SPV.0055.01
Shoulders - Rural	595+78 EB to 596+80 EB 595+78 WB to 597+54 WB	Upper Layer / Lower Layer	Base Aggregate	4 LT 58-28 S	50	2" / 1.75"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by Department. Not Eligible for Incentive or Disincentive
Shoulders - Rural	596+80 EB to 767+20 EB 597+54 WB to 767+20 WB	Upper Layer	Milled Existing HMA Surface	4 LT 58-28 S	1,610	2"	PWL Incentive Air Voids HMA Pavement 460.2010	Acceptance Testing by Department. Not Eligible for Incentive or Disincentive
Various	Various	Culvert Patches / Base Patches	Base Aggregate	Asphaltic Surface	320	3" to 4.5"	QMP as per SS 390	Acceptance by ordinary compaction
Various	Various	Driveways and Field Entrances	Milled HMA or Base Aggregate	Asphaltic Surface	33	2"	QMP as per SS 465	Acceptance by ordinary compaction

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

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CULVERT PIPE

INLET END			DISCHARGE END				520.8700	521.3112	521.312	521.312	521.1012	521.1018	521.1024	521.3742	521.1242	522.2419	522.2619	633.5200		
							CLEANING CULVERT PIPES	CULVERT PIPE CORRUGATED STEEL			APRON ENDWALLS FOR CULVERT PIPE STEEL			PIPE ARCH CORRUGATED STEEL	APRON ENDWALLS FOR PIPE ARCH STEEL	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	MARKERS CULVERT END	JOINT TIES[1]	
								12-INCH	18-INCH	24-INCH	12-INCH	18-INCH	24-INCH							
STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	SLOPE	EACH	LF	LF	LF	EACH	EACH	EACH	42x29-INCH	42x29-INCH	19x30-INCH	19x30-INCH	EACH	EACH	COMMENTS
470+80	30' LT	N/A	470+80	30' RT	N/A	N/A	--	--	--	--	--	--	--	--	--	--	--	4	--	CROSS CULVERT
494+30	30' LT	N/A	494+30	30' RT	N/A	N/A	--	--	--	--	--	--	--	--	--	--	--	2	--	CROSS CULVERT
498+14	23.9' LT	973.00	498+14	24.1' RT	972.80	0.42%	--	--	--	--	--	--	--	48	2	--	--	2	--	CROSS CULVERT
498+24	23.9' LT	973.00	498+24	24.1' RT	972.80	0.42%	--	--	--	--	--	--	--	48	2	--	--	2	--	CROSS CULVERT
498+33	23.9' LT	973.00	498+33	24.1' RT	972.80	0.42%	--	--	--	--	--	--	--	48	2	--	--	2	--	CROSS CULVERT
587+60	21.2' RT	949.29	587+60	18.8' LT	948.33	2.40%	--	--	--	--	--	--	--	--	--	40	2	2	12	CROSS CULVERT
594+17	26.4' LT	935.71	594+34	26.3' LT	935.43	1.75%	--	--	--	16	--	--	2	--	--	--	--	--	--	DRIVEWAY
594+51	26.1' LT	935.13	594+74	29.7' LT	934.78	1.46%	--	--	--	24	--	--	2	--	--	--	--	--	--	DRIVEWAY
659+82	25.1' LT	944.03	659+82	22.3' RT	943.92	0.23%	--	--	--	47	--	--	2	--	--	--	--	2	--	CROSS CULVERT
711+91	20.8' LT	959.81	711+91	21.2' RT	959.66	0.36%	--	--	42	--	--	2	--	--	--	--	--	2	--	CROSS CULVERT
767+15	22.5' LT	970.32	767+19	25.5' RT	970.27	0.10%	--	48	--	--	2	--	--	--	--	--	--	2	--	CROSS CULVERT
		UNDISTRIBUTED					6	--	--	--	--	--	--	--	--	--	--	--	--	
TOTALS							**6**	**48**	**42**	**87**	**2**	**2**	**6**	**144**	**6**	**40**	**2**	**20**	**12**	

NOTES

1) JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL CONCRETE APRON ENDWALLS. APRON ENDWALLS SHALL BE TIED FOR THE LAST THREE JOINTS AT PIPE ENDS. THE COST OF THESE TIES SHALL BE INCIDENTAL TO THE COST OF THE PIPE.
2) PIPE STATIONS, OFFSETS, AND ELEVATIONS PROVIDED ARE TO THE END OF PIPE, NOT THE APRON END OF ENDWALLS.
3) PIPE LENGTH IS FROM END OF PIPE TO END OF PIPE AND DOES NOT INCLUDE LENGTH OF APRON ENDWALL.
4) AT DRIVEWAY CULVERTS, FOR HYDRAULIC PURPOSES THE INVERT OF THE PIPE IS SET 0.50 FEET BELOW THE DITCH BOTTOM.
5) TEMPORARY CONNECTIONS BETWEEN EB AND WB STH 67 ROADWAYS ARE INCIDENTAL TO THE COST OF THE CULVERT PIPE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

STORM SEWER ITEMS

STATION	OFFSET	611.8115 ADJUSTING INLET COVERS EACH	NOTES
405+63	21.3' LT	1	SET GRADE TO MATCH CURB RAMP & ELIMINATE CURB BOX
412+25	16' LT	1	SET GRADE TO MATCH CURB RAMP & ELIMINATE CURB BOX
422+06	17.6' LT	1	SET GRADE TO MATCH CURB RAMP & ELIMINATE CURB BOX
422+06	17.4' RT	1	SET GRADE TO MATCH CURB RAMP & ELIMINATE CURB BOX
TOTALS		**4**	

NOTES
1) STATIONS AND OFFSETS ARE TO THE FLANGE FOR CURB INLETS

BASE PATCHING

LOCATION			390.0203 BASE PATCHING ASPHALTIC SY	690.0150* SAWING ASPHALT LF	
367+15	TO	395+15	125	680	3" ASPHALT PAVEMENT
395+15	TO	437+44	175	800	4.5" ASPHALT PAVEMENT
437+44	TO	595+24	475	2,530	3.75" ASPHALT PAVEMENT
595+24	TO	767+20	600	3,200	3.75" ASPHALT PAVEMENT
TOTALS			**1,375**	**7,210**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

CONCRETE CURB AND GUTTER & DRIVEWAYS

LOCATION	416.0170 CONCRETE DRIVEWAY 7-INCH LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF
NELSON STREET INTERSECTION	--	110	--
WALWORTH STREET INTERSECTION	--	140	--
CTH C / MARTIN STREET INTERSECTION	--	150	--
PARK AVENUE INTERSECTION	--	95	--
SHARON SCHOOL DRIVEWAYS	55	155	--
PISCASAW CREEK, STATION 589+00 to 593+00, RT	--	--	400
UNDISTRIBUTED	55	175	--
TOTALS	**110**	**825**	**400**

CONCRETE SIDEWALK ITEMS

LOCATION	602.0410 CONCRETE SIDEWALK 5-INCH SF	601.0600 CONCRETE CURB PEDESTRIAN LF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF
NELSON STREET INTERSECTION	1,150	58	40	20
WALWORTH STREET INTERSECTION	1,320	38	60	--
CTH C / MARTIN STREET INTERSECTION	1,210	60	80	--
PARK AVENUE INTERSECTION	590	52	20	34
UNDISTRIBUTED	855	--	--	--
TOTALS	**5,125**	**208**	**200**	**54**

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GUARDRAIL ITEMS

STATION	TO	STATION	LOCATION	614.0200 STEEL THRIE BEAM STRUCTURE APPROACH LF	614.0305 STEEL PLATE BEAM GUARD CLASS A LF	614.0345 STEEL PLATE BEAM GUARD SHORT RADIUS LF	614.0390 STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL EACH	614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	614.0397 GUARDRAIL MOW STRIP EMULSIFIED ASPHALT SY
594+70		595+24	LT	21	13	38	1	--	--	--	35
587+46		595+24	RT	--	--	--	--	688	39	1	160
595+78		597+54	LT	--	--	--	--	88	39	1	80
595+78		596+80	RT	--	--	--	--	12	39	1	50
TOTALS				**21**	**13**	**38**	**1**	**788**	**117**	**3**	**325**

HAUL ROADS

LOCATION	618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS (3706-01-60) EACH
PROJECT	1
TOTAL	**1**

FIELD OFFICE

LOCATION	642.5201 FIELD OFFICE TYPE C EACH
PROJECT	1
TOTAL	**1**

RESTORATION ITEMS

LOCATION			625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	SPV.0060.01 CURB RAMP GRADING SHAPING AND FINISHING EACH
367+15	TO	395+15	500	250	500	0.4	9.0	13.5	2.8	---
395+15	TO	437+44	--	--	--	--	--	--	--	16
437+44	TO	448+45	--	--	--	--	--	--	--	---
448+45	TO	474+98	1,100	550	1,100	0.7	19.8	29.7	6.2	---
474+98	TO	501+58	1,000	500	1,000	0.7	18.0	27.0	5.6	---
501+58	TO	554+67	--	--	--	--	--	--	--	---
554+67	TO	581+26	--	--	--	--	--	--	--	---
581+26	TO	661+29	2,400	1,200	2,400	1.6	43.2	64.8	13.5	---
661+29	TO	714+73	1,000	500	1,000	0.7	18.0	27.0	5.6	---
714+73	TO	767+20	300	150	300	0.2	5.4	8.1	1.7	---
UNDISTRIBUTED			700	350	700	1.0	11.6	16.9	4.6	---
TOTALS			**7,000**	**3,500**	**7,000**	**5.3**	**125.0**	**187.0**	**40.0**	**16**

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EROSION CONTROL ITEMS

LOCATION			606.0200 RIPRAP MEDIUM CY	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7570 ROCK BAGS EACH	645.0120 GEOTEXTILE TYPE HR SY	SPV.0090.01 SILT FENCE DOUBLE STAKED LF
367+15	TO	395+15	--	--	--	--	--	20	--	--	--	--
395+15	TO	437+44	--	--	--	4	27	--	--	--	--	--
437+44	TO	448+45	--	--	--	--	--	--	--	--	--	--
448+45	TO	474+98	--	400	400	--	--	65	6	--	--	--
474+98	TO	501+58	--	--	--	--	--	35	24	--	--	75
501+58	TO	554+67	--	--	--	--	--	--	--	--	--	--
554+67	TO	581+26	--	--	--	--	--	--	--	--	--	--
581+26	TO	661+29	4	725	725	--	--	115	11	--	18	300
661+29	TO	714+73	--	750	750	--	--	--	2	--	--	--
714+73	TO	767+20	--	175	175	--	--	--	3	--	--	--
UNDISTRIBUTED			4	550	550	2	8	65	15	125	18	125
TOTALS			**8**	**2,600**	**3,100**	**6**	**35**	**300**	**61**	**125**	**36**	**500**

EROSION CONTROL MOBILIZATION

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
PROJECT	10	5
TOTALS	**10**	**5**

TRAFFIC CONTROL

LOCATION	643.5000 TRAFFIC CONTROL EACH
PROJECT	1
TOTAL	**1**

CONSTRUCTION STAKING

LOCATION	SPV.0105.01 SURVEY PROJECT 3706-01-60 LS
PROJECT	1
TOTALS	**1**

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

TRAFFIC CONTROL ITEMS

LOCATION	643.1070 TRAFFIC CONTROL CONES 42-INCH EACH**	643.1070 TRAFFIC CONTROL CONES 42-INCH DAY	643.0300 TRAFFIC CONTROL DRUMS EACH**	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420* TRAFFIC CONTROL BARRICADES TYPE III EACH**	643.0420* TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH**	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0900* TRAFFIC CONTROL SIGNS EACH**	643.0900* TRAFFIC CONTROL SIGNS DAY
URBAN AREA	53	265	103	4,030	50	3,500	50	3,500	144	8,640
RURAL AREAS	106	4,770	--	--	--	--	--	--	30	1,350
UNDISTRIBUTED	53	1,215	--	--	10	900	20	1,800	--	--
TOTALS	**6,250**		**4,030**		**4,400**		**5,300**		**9,990**	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
** FOR INFORMATION ONLY

TRAFFIC CONTROL DETOUR ITEMS

DETOUR	DETOUR DURATION (DAYS)	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II NUMBER	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II CYCLES	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.0900* TRAFFIC CONTROL SIGNS EACH**	643.0900* TRAFFIC CONTROL SIGNS DAY	643.0420* TRAFFIC CONTROL BARRICADES TYPE III EACH**	643.0420* TRAFFIC CONTROL BARRICADES TYPE III DAY	643.1050 TRAFFIC CONTROL SIGNS PCMS EACH**	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY
PISCASAW CREEK	14	8	1	8	142	1,988	6	84	2	14
UNION PACIFIC RAILROAD	7	13	1	13	199	1,393	6	42	2	14
TOTALS			**21**			**3,381**		**126**		**28**

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
** FOR INFORMATION ONLY

PEDESTRIAN ACCOMMODATION ITEMS

LOCATION	644.1410 TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	644.1430 TEMPORARY PEDESTRIAN SURFACE PLATE SF	644.1601 TEMPORARY CURB RAMP DAY	643.0410 TRAFFIC CONTROL BARRICADES TYPE II EACH**	643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAY	649.0250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH LF
NELSON STREET INTERSECTION	465	--	60	28	395	110
WALWORTH STREET INTERSECTION	100	130	60	36	505	185
CTH C / MARTIN STREET INTERSECTION	245	--	115	36	505	260
PARK AVENUE INTERSECTION	100	--	60	36	505	180
TOTALS	**910**	**130**	**295**		**1,910**	**735**

** FOR INFORMATION ONLY

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PAVEMENT MARKING ITEMS

LOCATION			646.1020 MARKING LINE EPOXY 4-INCH 12.5 FT SKIPS YELLOW LF	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF	646.1040 MARKING LINE GROOVED WET REFLECTIVE EPOXY 4-INCH WHITE LF	646.3020 MARKING LINE EPOXY 8-INCH WHITE LF	646.5320 MARKING RAILROAD CROSSING EPOXY WHITE EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH WHITE LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH YELLOW LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE 6-INCH WHITE LF	648.0100 LOCATING NO-PASSING ZONES MI	649.077 TEMPORARY MARKING RAISED PAVEMENT MARKER TYPE II EACH
367+15	TO	395+15	3,580	440	4,780	160	2	120	105	--	0.54	60
395+15	TO	437+44	8,120	--	--	--	--	115	--	680	--	85
437+44	TO	448+45	2,210	--	2,100	--	--	25	--	--	0.21	25
448+45	TO	474+98	1,810	655	5,170	--	--	25	--	--	0.51	55
474+98	TO	501+58	1,380	665	5,180	--	--	25	--	--	0.51	55
501+58	TO	554+67	6,570	975	10,770	--	--	30	--	--	1.01	110
554+67	TO	581+26	1,750	665	5,470	--	--	50	--	--	0.51	55
581+26	TO	661+29	1,830	2,010	15,860	--	--	35	--	--	1.52	165
661+29	TO	714+73	--	1,340	10,540	--	--	40	--	--	1.02	110
714+73	TO	767+20	850	1,250	10,390	--	--	40	--	--	1.00	105
SUBTOTALS			28,100	8,000	70,260	160	2	505	105	680	6.83	825
TOTALS			**36,100**		**70,260**	**160**	**2**	**505**	**105**	**680**	**6.83**	**825**

SAW CUTTING ITEMS

LOCATION			690.0150* SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
367+15	TO	395+15	130	--
395+15	TO	437+44	230	200
437+44	TO	448+45	45	--
448+45	TO	474+98	80	--
474+98	TO	501+58	100	--
501+58	TO	554+67	130	
554+67	TO	581+26	40	--
581+26	TO	661+29	790	--
661+29	TO	714+73	45	--
714+73	TO	767+20	45	--
UNDISTRIBUTED			165	50
TOTALS			**1,800**	**250**

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE NOTED

TYPE II PERMANENT SIGNING

3706-01-60 STH 67

SIGN NO.		SIGN MESSAGE	SIGN SIZE W x H	637.2210 SIGNS TYPE II REFLECTIVE H (SF)	637.2230 SIGNS TYPE II RELFECTIVE F (SF)	638.3000 REMOVING SMALL SIGN SUPPORTS (EA)	638.2602 REMOVING SIGNS TYPE II (EA)	638.2102 MOVING SIGNS TYPE II (EA)	634.0618 POSTS WOOD 4" X 6" X 18' (EA)	634.0816 POSTS TUBULAR STEEL 2" X 2" X 16' (EA)	MOUNT ON SAME POST AS	
1	W1-7(2S)		24 X 48		8				1			
2	NONE	HOME OF TRAVIS FREDERICK 1ST ROUND 2013 NFL DRAFT					1					ENCROACHMENT - ILLEGAL SIGN
3	W11-2(2S)		30 X 30		6.250				1			
4	W16-9P(2S)		24 X 12		2.000						3	
5	W11-2(2S)		30 X 30		6.250				1			
6	W11-2(2S)		30 X 30		6.250				1			
7	W16-7L (2S)		24 X 12		2.000						5	
8	W16-7L (2S)		24 X 12		2.000						6	
9	R5-2					1		1		1		CITY SIGN
10	R1-1(2S)		30 X 30	5.180		1	1		1			
11	NONE	LIBRARY SIGN				1		1		1		PERMIT SIGN
12	R1-1(2S)		30 X 30	5.180		1	1		1			
13	W11-2(2S)		30 X 30		6.250				1			
14	W11-2(2S)		30 X 30		6.250				1			
15	W16-7L (2S)		24 X 12		2.000						13	
16	W16-7L (2S)		24 X 12		2.000						14	
17	W11-2(2S)		30 X 30		6.250				1			
18	W16-9P(2S)		24 X 12		2.000						17	
19	R1-1(3)		36 X 36	7.460		1	1		1			
20	R1-3P(3)		24 X 9	1.500							19	
21	NONE	BIKE ROUTE				1		1		1		CITY SIGN
22	J13-1(2S)		24 X 45	7.500		1	1		1			
	M1-5A	CTH C	24 X 24									
	M6-4		21 X 21									
23	R1-1(3)		36 X 36	7.460		1	1		1			
24	R1-3P(3)		24 X 9	1.500							23	
25	R1-1(3)		36 X 36	7.460		1	1		1			
26	R1-3P(3)		24 X 9	1.500							25	
27	R1-1(3)		36 X 36	7.460		1	1		1			
28	R1-3P(3)		24 X 9	1.500							27	
29	J13-1(2S)		24 X 45	7.500		1	1		1			

TYPE II PERMANENT SIGNING

3706-01-60 STH 67

SIGN NO.		SIGN MESSAGE	SIGN SIZE W x H	637.2210 SIGNS TYPE II REFLECTIVE H (SF)	637.2230 SIGNS TYPE II RELFECTIVE F (SF)	638.3000 REMOVING SMALL SIGN SUPPORTS (EA)	638.2602 REMOVING SIGNS TYPE II (EA)	638.2102 MOVING SIGNS TYPE II (EA)	634.0618 POSTS WOOD 4" X 6" X 18' (EA)	634.0816 POSTS TUBULAR STEEL 2" X 2" X 16' (EA)	MOUNT ON SAME POST AS	
	M1-5A	CTH C	24 X 24									
	M6-4		21 X 21									
30	S4-51							1				CITY OWNED SIGN
31	J13-1(2S)		24 X 45	7.500		1	1		1			
	M1-6	STH 67	24 X 24									
	M6-4		21 X 21									
32	NONE	OLD FACTORY BUSINESS PARK						1				CITY OWNED SIGN
33	W11-2(2S)		30 X 30		6.250				1			
34	W16-9P(2S)		24 X 12		2.000						33	
35	W11-2(2S)		30 X 30		6.250				1			
36	W11-2(2S)		30 X 30		6.250				1			
37	W16-7L (2S)		24 X 12		2.000						35	
38	W16-7L (2S)		24 X 12		2.000						36	
39	W1-7(2S)		24 X 48		8.000				1			
40	NONE	OLD FACTORY BUSINESS PARK						1				CITY OWNED SIGN
41	R1-1(2S)		30 X 30	5.180		1	1		1			
42	NONE	OLD FACTORY BUSINESS PARK						1				LOCAL CITY SIGN PERMIT
43	W11-2(2S)		30 X 30		6.250				1			
44	W16-9P(2S)		24 X 12		2.000						43	
45	NONE	HOME OF TRAVIS FREDERICK 1ST ROUND 2013 NFL DRAFT					1					ENCROACHMENT - ILLEGAL SIGN
46	W14-3(2S)		48 X 36		5.560	1	1		1			
47	W14-3(2S)		48 X 36		5.560	1	1		1			
48	W5-52R(2S)		12 X 36		3.000	1	1		1			4 FOOT MOUNTING HEIGHT
49	W5-52L(2S)		12 X 36		3.000	1	1		1			4 FOOT MOUNTING HEIGHT
50	W5-52R(2S)		12 X 36		3.000	1	1		1			4 FOOT MOUNTING HEIGHT
51	W5-52L(2S)		12 X 36		3.000	1	1		1			4 FOOT MOUNTING HEIGHT
52	W14-3(2S)		48 X 36		5.560	1	1		1			
53	W4-4C							1			55	

TYPE II PERMANENT SIGNING

3706-01-60 STH 67

SIGN NO.		SIGN MESSAGE	SIGN SIZE W x H	**637.2210** SIGNS TYPE II REFLECTIVE H (SF)	**637.2230** SIGNS TYPE II RELFECTIVE F (SF)	**638.3000** REMOVING SMALL SIGN SUPPORTS (EA)	**638.2602** REMOVING SIGNS TYPE II (EA)	**638.2102** MOVING SIGNS TYPE II (EA)	**634.0618** POSTS WOOD 4" X 6" X 18' (EA)	**634.0816** POSTS TUBULAR STEEL 2" X 2" X 16' (EA)	MOUNT ON SAME POST AS	
54	W4-4C							1			56	
55	R1-1	BLINKER SIGN				1		1	1			
56	R1-1	BLINKER SIGN				1		1	1			
57	J3-3					2		1	2			
58	J13-1(2S)		24 x 45	7.500					1			SHEET 5
	M1-6	STH 67	24 X 24									
	M6-4		21 X 21									
UNDISTRIBUTED				81.380	40.000	4.000		4	4	2	--	--
				162.760	159.180	28.000	19.000	16	37	5	--	--

SHEET 3 OF 3

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET:	E

TRANSPORTATION PROJECT PLAT NO: 3706-01-20 - 4.01

THAT PART OF OUTLOT 1 AND LOT 1, CERTIFIED SURVEY MAP 2977, RECORDED IN VOLUME 16, CSMS, PAGES 1, 2 AND 3, AS DOCUMENT 379886 IN THE WALWORTH COUNTY REGISTER OF DEEDS OFFICE, AND ALSO LANDS IN THE SW 1/4 OF THE SE 1/4 AND OF THE SE 1/4 OF THE SE 1/4 OF SECTION 25, TOWN 1 NORTH, RANGE 15 EAST, TOWN OF SHARON, WALWORTH COUNTY, WISCONSIN.

RELOCATION ORDER STH 67 WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

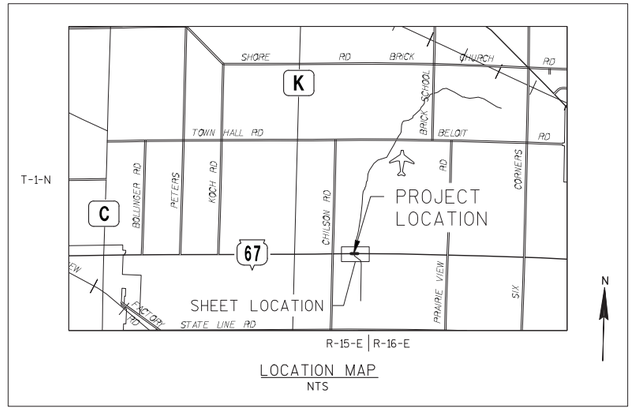
HWY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	CSM 2977	33'	1998
STH 67	WIS. STATUTE 82.31(2)	66'	---

101 NO RECORDED EASEMENT PCL. 1, PCL. 3

102 NO RECORDED EASEMENT PCL.1, PCL. 2

CONVENTIONAL UTILITY SYMBOLS

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



LOCATION MAP
NTS

Doc # 962447
Recorded
February 26, 2018 10:42 AM

DONNA R PRUESS
REGISTER OF DEEDS
WALWORTH COUNTY, WI
Fee Amount: $25.00
Total Pages: 1

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3706-01-20 4.01
AMENDMENT NO:

This is a copy. The original is at the county register of deeds office.

GN

SCALE, FEET 0 50 100

Y=308686.28
X=728824.87
CONC. MON

T 1 N R 15 E SEC 25

N 0°00'56" E 2560.64'

T 1 N R 15 E SEC 25 36

STA 100+00.00
Y=306035.64
X=728824.15
CONC. MON WITH BRASS CAP

TOWN OF SHARON

NE 1/4-NE 1/4

BEGIN RELOCATION ORDER
STA 111+72.26
Y=283647.23
X=739002.23

OUTLOT 1 CSM 2977 DOC NO 379886

LOT 1 CSM 2977 DOC NO 379886

1/16TH LINE

SE 1/4-SE 1/4

TOWN OF SHARON

PISCASAW CREEK

SW 1/4-SE 1/4

N1° 58' 44"W 33.00'

111+72.26 33.00' PRW100

112+57.47 48.00' PRW101

112+72.50 53.00' TLE150

TLE SLOPES AND DRIVEWAY

113+86.09 48.00' PRW102

114+57.17 48.00' PRW103

116+22.47 48.00' PRW104

117+57.35 33.00' PRW105

165.30' N88° 01' 16"E

135.70' S85° 37' 58"E

S1° 58' 44"E 33.00'

SLOPE INTERCEPT

N88° 01' 16"E SEC. LINE

2660.97' SEC. LINE

END RELOCATION ORDER
STA 117+57.35
Y=283646.31
X=739587.41

S 88°01' 16" W 585.09'

SEE DETAIL A

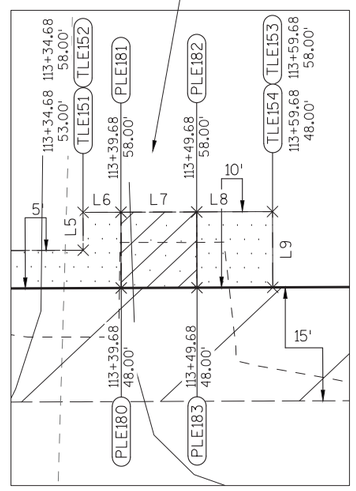
STA 126+60.97
Y=306127.53
X=731483.53
CONC. MON WITH BRASS CAP

T 1 N R 15 E SEC 25 30 36 31

SEGMENT	BEARING	LENGTH
L1	N78° 02' 14"E	86.52'
L2	N69° 37' 15"E	15.84'
L3	N88° 01' 16"E	128.62'
L4	N88° 01' 16"E	62.18'
L5	N01° 58' 44"W	5.00'
L6	N88° 01' 16"E	5.00'
L7	N88° 01' 16"E	10.00'
L8	N88° 01' 16"E	10.00'
L9	S01° 58' 44"E	10.00'
L10	N88° 01' 16"E	71.08'

PISCASAW CREEK

PLE FOR BEAM GUARD



DETAIL A

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	TAN

SCHEDULE OF LANDS AND INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W REQUIRED ACRES NEW	EXISTING	TOTAL	T.L.E. ACRES	P.L.E. ACRES
1	JAMES H DAHLKE	FEE, TLE	0.032	0.102	0.134	0.005	
2	BERNIE & BONNIE KRUIZENGA	FEE, TLE, PLE	0.038	0.084	0.122	0.006	0.002
3	RAYMOND & MARLENE BEETSTRA	FEE	0.094	0.257	0.351		
UTILITY NUMBER							
101	ALLIANT ENERGY CORP.	ROR					
102	SHARON TELEPHONE CO.	ROR					

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
PARALLEL OFFSETS

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER
UTILITY NUMBER
R/W BOUNDARY POINT
BUILDING TO BE REMOVED

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	PERMANENT LIMITED EASEMENT	PLE
ACCESS RIGHTS	AR	PROPERTY LINE	PL
ACRES	AC	RECORDED AS	(100')
AND OTHERS	ET AL	REFERENCE LINE	R/L
CENTERLINE	C/L	RELEASE OF RIGHTS	ROR
CERTIFIED SURVEY MAP	CSM	REMAINING	REM
CORNER	COR	RESTRICTED DEVELOP EASEMENT	RDE
DOCUMENT	DOC	RIGHT-OF-WAY	R/W
EASEMENT	EASE	SECTION	SEC
HIGHWAY EASEMENT	HE	STATION	STA
LAND CONTRACT	LC	TEMPORARY LIMITED EASEMENT	TLE
MONUMENT	MON	VOLUME	V
PAGE	P		

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE SECTION LINE.

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

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

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

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

DAAR ENGINEERING, INC.
www.daarcorp.com
Milwaukee, WI 53202
414-225-9817

I, WILLIAM R. HENRICHS PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN WILLIAM R. HENRICHS S-2419 Waukesha, WI LAND SURVEYOR

SIGNATURE: _____ DATE: 2/14/18
PRINT NAME: WILLIAM R. HENRICHS
REGISTRATION NUMBER: S-2419

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

SIGNATURE: _____ DATE: 2/14/2018
PRINT NAME: Robert L. Duffeck

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\040101-RP.DWG PLOT DATE : 2/14/2018 9:19 AM PLOT BY : CORY IHDE PLOT NAME : PLOT SCALE : 1:100 FT

CONST. I.D. 3706-01-60 3706-01-20 4.01

TRANSPORTATION PROJECT PLAT NO: 3706-01-20 - 4.02

THAT PART OF LOTS 1 AND 3, CERTIFIED SURVEY MAP 3916, LOCATED IN THE SW 1/4 OF THE SW 1/4 OF SECTION 28 AND THAT PART OF LOT 5, BLOCK 3 AND PART OF LOT 12, BLOCK 1, OF WISE AND NELSON'S ADDITION TO THE VILLAGE OF SHARON LOCATED IN THE NW 1/4 OF THE NW 1/4 OF SECTION 33, ALL IN TOWN 1 NORTH, RANGE 15 EAST, VILLAGE OF SHARON, WALWORTH COUNTY, WISCONSIN.

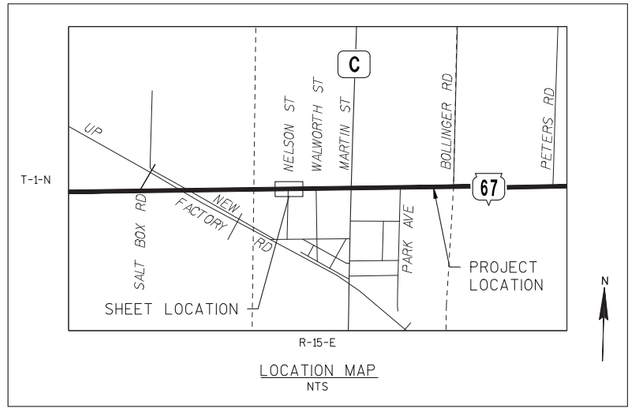
RELOCATION ORDER STH 67 WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

CONVENTIONAL UTILITY SYMBOLS

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



LOCATION MAP
NTS

DOCUMENT#: 993927
Recorded: 09-09-2019 at 01:40 PM
DONNA R PRUESS REG OF DEEDS
WALWORTH COUNTY, WISCONSIN
Pages: 1 Fee Amount: $25.00

*****The above recording information verifies this document has been electronically recorded and returned to the submitter*****

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3706-01-20 4.02
AMENDMENT NO:

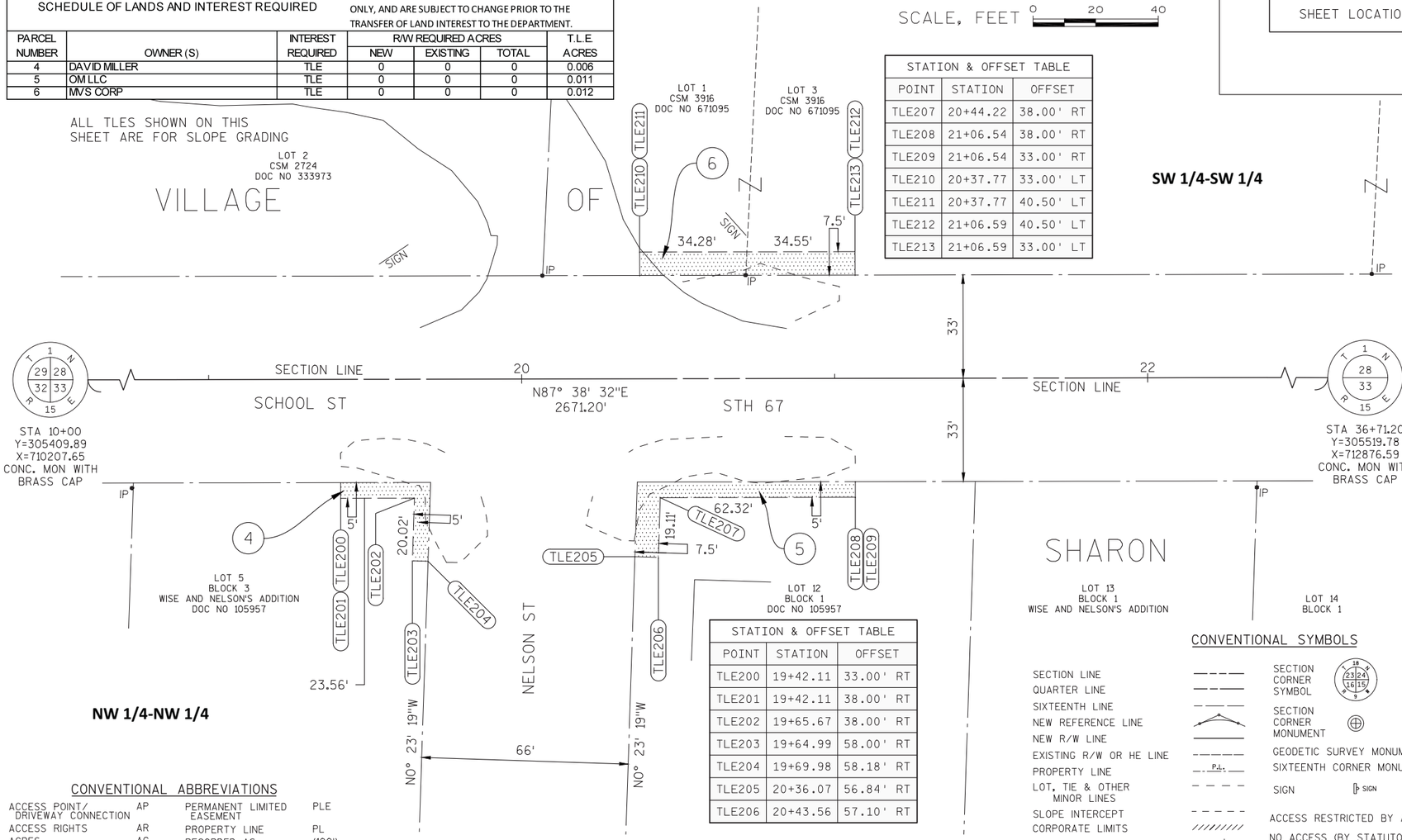
THIS IS A COPY.
THE ORIGINAL DOCUMENT IS ON FILE AT THE COUNTY REGISTER OF DEEDS OFFICE.

SCHEDULE OF LANDS AND INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W REQUIRED ACRES NEW	EXISTING	TOTAL	T.L.E. ACRES
4	DAVID MILLER	TLE	0	0	0	0.006
5	OM LLC	TLE	0	0	0	0.011
6	MVS CORP	TLE	0	0	0	0.012

SCALE, FEET 0 20 40



STATION & OFFSET TABLE

POINT	STATION	OFFSET
TLE207	20+44.22	38.00' RT
TLE208	21+06.54	38.00' RT
TLE209	21+06.54	33.00' RT
TLE210	20+37.77	33.00' LT
TLE211	20+37.77	40.50' LT
TLE212	21+06.59	40.50' LT
TLE213	21+06.59	33.00' LT

STATION & OFFSET TABLE

POINT	STATION	OFFSET
TLE200	19+42.11	33.00' RT
TLE201	19+42.11	38.00' RT
TLE202	19+65.67	38.00' RT
TLE203	19+64.99	58.00' RT
TLE204	19+69.98	58.18' RT
TLE205	20+36.07	56.84' RT
TLE206	20+43.56	57.10' RT

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	PERMANENT LIMITED EASEMENT	PLE
ACCESS RIGHTS	AR	PROPERTY LINE	PL
ACRES	AC	RECORDED AS	(100')
AND OTHERS	ET AL	REFERENCE LINE	R/L
CENTERLINE	C/L	RELEASE OF RIGHTS	ROR
CERTIFIED SURVEY MAP	CSM	REMAINING	REM
CORNER	COR	RESTRICTED DEVELOP EASEMENT	RDE
DOCUMENT	DOC	RIGHT-OF-WAY	R/W
EASEMENT	EASE	SECTION	SEC
HIGHWAY EASEMENT	HE	STATION	STA
LAND CONTRACT	LC	TEMPORARY LIMITED EASEMENT	TLE
MONUMENT	MON	VOLUME	V
PAGE	P		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	TAN

HWY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	WIS. STATUTE 82.31(2) & COUNTY RECORDS	66'	---
NELSON ST	WISE & NELSON'S ADDITION TO THE VILLAGE OF SHARON PLAT	66'	1888

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
PARALLEL OFFSETS

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
R/W BOUNDARY POINT RWB20
BUILDING
TO BE REMOVED

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE SECTION LINE.

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

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FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

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

DAAR ENGINEERING, INC.
www.daarcorp.com
Milwaukee, WI 53202
414-225-9817

I, JEFFREY B. JOHNSON PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN JEFFREY B. JOHNSON S-1734 SPRING GREEN, WI LAND SURVEYOR

SIGNATURE: _____ DATE: 9/5/2019
PRINT NAME: JEFFREY B. JOHNSON
REGISTRATION NUMBER: S-1734

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SE REGION
SIGNATURE: _____ DATE: 09/05/19
PRINT NAME: Robert L. Duffeck

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\040102-RP.DWG PLOT DATE : 9/5/2019 1:08 PM PLOT BY : CORY IHDE PLOT NAME : PLOT SCALE : 1:40 FT

CONST. I.D. 3706-01-60 3706-01-20 4.02

TRANSPORTATION PROJECT PLAT NO: 3706-01-20 - 4.04

THAT PART OF LOT 1, BLOCK 1 OF CITIZENS ADDITION TO THE VILLAGE OF SHARON LOCATED IN AND PART OF THE SE 1/4 OF THE SW 1/4 AND THAT PART OF LOT 2, BLOCK 2 OF CITIZENS ADDITION TO THE VILLAGE OF SHARON LOCATED IN THE SW 1/4 OF THE SE 1/4, SECTION 28 AND THAT PART OF LOT 28, BLOCK 4 OF CITIZENS ADDITION TO THE VILLAGE OF SHARON LOCATED IN AND PART OF THE NE 1/4 OF THE NW 1/4 AND THAT PART OF LOT 1, BLOCK 3 OF CITIZENS ADDITION TO THE VILLAGE OF SHARON LOCATED IN THE NW 1/4 OF THE NE 1/4, SECTION 33, ALL IN TOWN 1 NORTH, RANGE 15 EAST, VILLAGE OF SHARON, WALWORTH COUNTY, WISCONSIN.

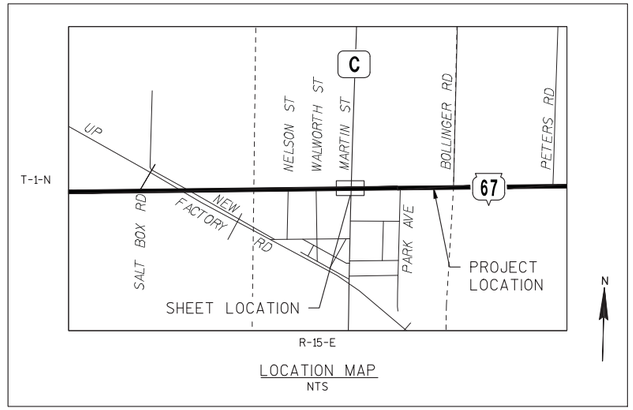
RELOCATION ORDER STH 67 WALWORTH COUNTY

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TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

CONVENTIONAL UTILITY SYMBOLS

WATER	——W——	
GAS	——G——	
TELEPHONE	——T——	
OVERHEAD TRANSMISSION LINES ELECTRIC	——OH——	
CABLE TELEVISION	——TV——	
FIBER OPTIC	——FO——	
SANITARY SEWER	——SAN——	
STORM SEWER	——SS——	
	NON COMPENSABLE	COMPENSABLE
POWER POLE	○	●
TELEPHONE POLE	⌀	⌀
TELEPHONE PEDESTAL	⌘	⌘
ELECTRIC TOWER	⊠	



LOCATION MAP
NTS

DOCUMENT#: 993929
Recorded: 09-09-2019 at 01:42 PM
DONNA R PRUESS REG OF DEEDS
WALWORTH COUNTY, WISCONSIN
Pages: 1 Fee Amount: $25.00

The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3706-01-20 4.04
AMENDMENT NO:

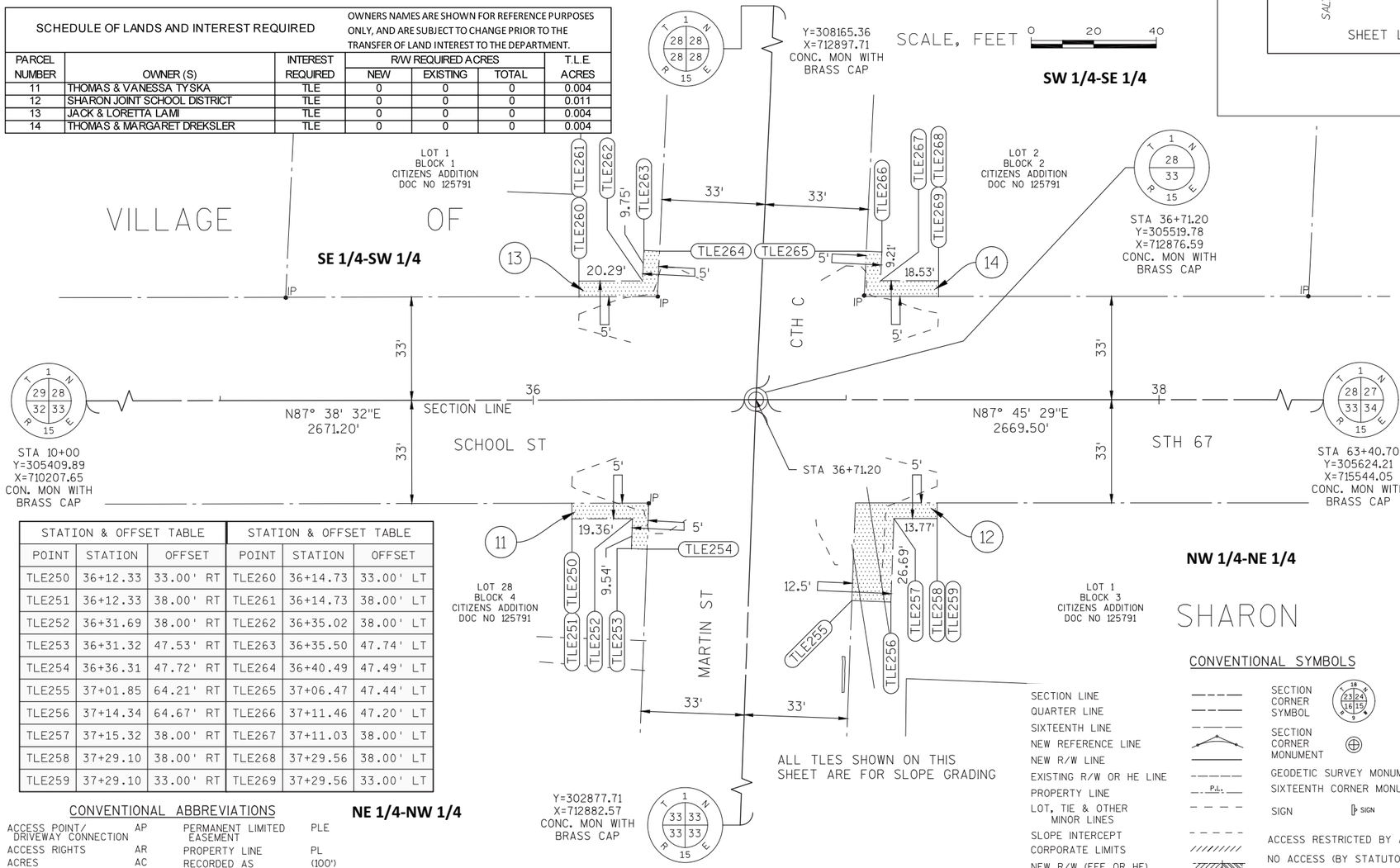
THIS IS A COPY:
THE ORIGINAL DOCUMENT IS ON FILE AT THE COUNTY REGISTER OF DEEDS OFFICE

GN

SCHEDULE OF LANDS AND INTEREST REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W REQUIRED ACRES NEW	EXISTING	TOTAL	T.L.E. ACRES
11	THOMAS & VANESSA TYSKA	TLE	0	0	0	0.004
12	SHARON JOINT SCHOOL DISTRICT	TLE	0	0	0	0.011
13	JACK & LORETTA LAMI	TLE	0	0	0	0.004
14	THOMAS & MARGARET DREKSLER	TLE	0	0	0	0.004



STATION & OFFSET TABLE			STATION & OFFSET TABLE		
POINT	STATION	OFFSET	POINT	STATION	OFFSET
TLE250	36+12.33	33.00' RT	TLE260	36+14.73	33.00' LT
TLE251	36+12.33	38.00' RT	TLE261	36+14.73	38.00' LT
TLE252	36+31.69	38.00' RT	TLE262	36+35.02	38.00' LT
TLE253	36+31.32	47.53' RT	TLE263	36+35.50	47.74' LT
TLE254	36+36.31	47.72' RT	TLE264	36+40.49	47.49' LT
TLE255	37+01.85	64.21' RT	TLE265	37+06.47	47.44' LT
TLE256	37+14.34	64.67' RT	TLE266	37+11.46	47.20' LT
TLE257	37+15.32	38.00' RT	TLE267	37+11.03	38.00' LT
TLE258	37+29.10	38.00' RT	TLE268	37+29.56	38.00' LT
TLE259	37+29.10	33.00' RT	TLE269	37+29.56	33.00' LT

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	PERMANENT LIMITED EASEMENT	PLE
ACCESS RIGHTS	AR	PROPERTY LINE	PL
ACRES	AC	RECORDED AS	(100')
AND OTHERS	ET AL	REFERENCE LINE	R/L
CENTERLINE	C/L	RELEASE OF RIGHTS	ROR
CERTIFIED SURVEY MAP	CSM	REMAINING	REM
CORNER	COR	RESTRICTED DEVELOP EASEMENT	RDE
DOCUMENT	DOC	RIGHT-OF-WAY	R/W
EASEMENT	EASE	SECTION	SEC
HIGHWAY EASEMENT	HE	STATION	STA
LAND CONTRACT	LC	TEMPORARY LIMITED EASEMENT	TLE
MONUMENT	MON	VOLUME	V
PAGE	P		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	TAN

HWY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	WIS. STATUTE 82.31(2) AND COUNTY RECORDS	66'	---
MARTIN ST	CITIZENS ADDITION TO THE VILLAGE OF SHARON PLAT	66'	1894

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
PARALLEL OFFSETS

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
R/W BOUNDARY POINT RWB20
BUILDING
TO BE REMOVED

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SIGNATURE: _____ DATE: 9/5/2019
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REGISTRATION NUMBER: S-1734

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SIGNATURE: _____ DATE: 09/05/19
PRINT NAME: Robert L. Duffeck

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\040102-RP.DWG PLOT DATE : 9/5/2019 1:08 PM PLOT BY : CORY IHDE PLOT NAME : PLOT SCALE : 1:40 FT

CONST. I.D. 3706-01-60 3706-01-20 4.04

TRANSPORTATION PROJECT PLAT NO: 3706-01-20 - 4.03

THAT PART OF LOTS 5 AND 6 BLOCK 1, CITIZENS ADDITION TO THE VILLAGE OF SHARON LOCATED IN THE SE 1/4 OF THE SW 1/4 OF SECTION 28 AND THAT PART OF LOT 1, BLOCK 4 AND PART OF LOT 1, BLOCK 5, CITIZENS ADDITION TO THE VILLAGE OF SHARON LOCATED IN THE NE 1/4 OF THE NW 1/4 OF SECTION 33, ALL IN TOWN 1 NORTH, RANGE 15 EAST, VILLAGE OF SHARON, WALWORTH COUNTY, WISCONSIN.

RELOCATION ORDER STH 67 WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

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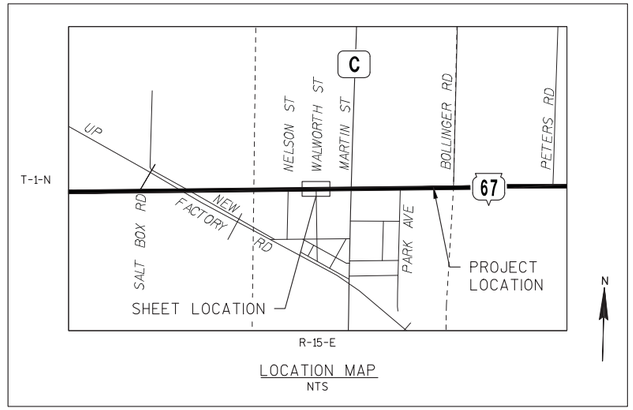
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PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W REQUIRED ACRES NEW	EXISTING	TOTAL	T.L.E. ACRES
7	WILLIAM & SHERRIE DAWSON	TLE	0	0	0	0.007
8	KENNETH JR AND BETTY RAMBATT	TLE	0	0	0	0.018
9	LARRY AND KAYE NIQUET	TLE	0	0	0	0.001
10	DAWN VALDES WAGNER	TLE	0	0	0	0.012

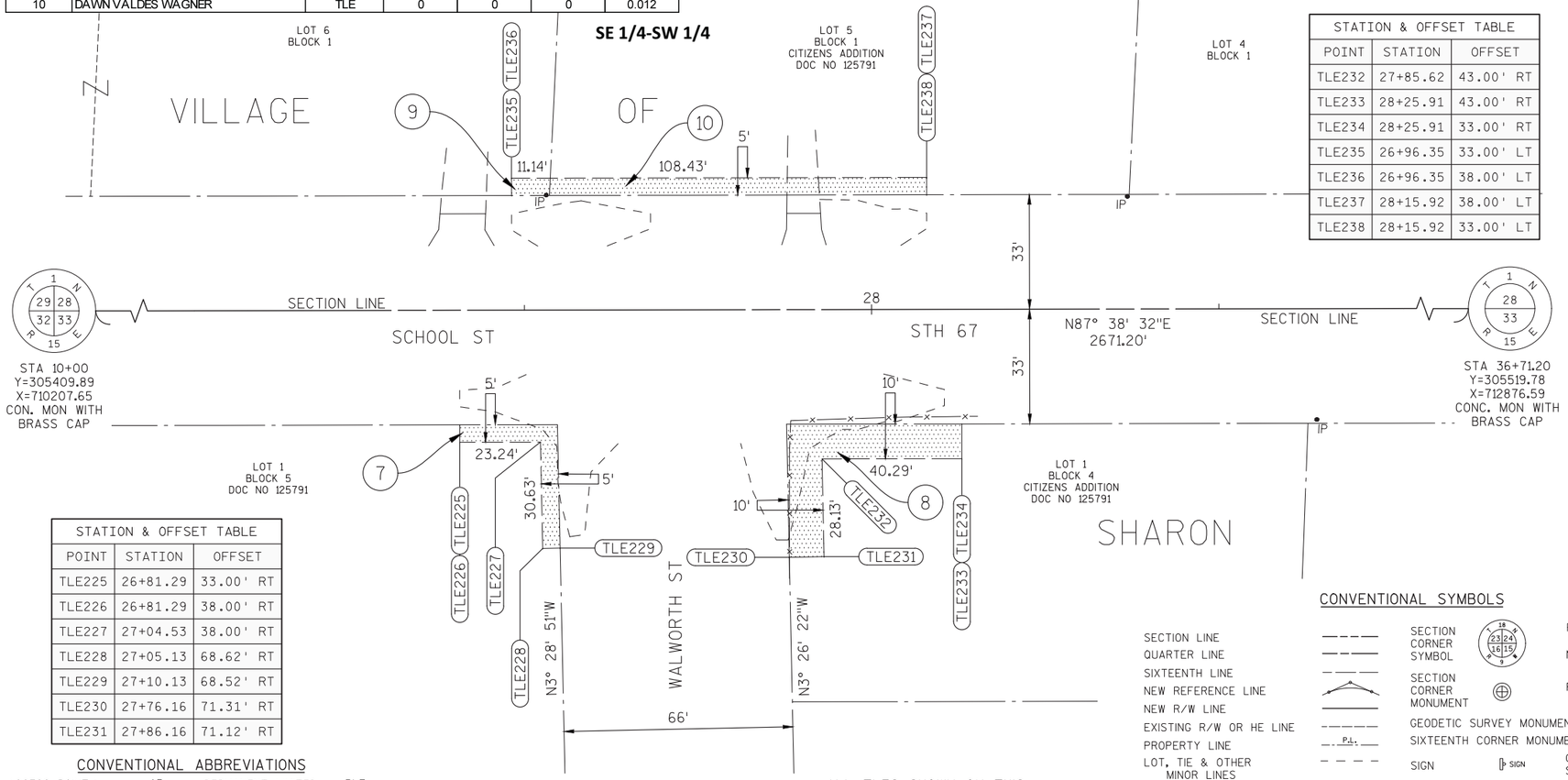
CONVENTIONAL UTILITY SYMBOLS

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



LOCATION MAP
NTS

SCALE, FEET 0 20 40



STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE232	27+85.62	43.00' RT
TLE233	28+25.91	43.00' RT
TLE234	28+25.91	33.00' RT
TLE235	26+96.35	33.00' LT
TLE236	26+96.35	38.00' LT
TLE237	28+15.92	38.00' LT
TLE238	28+15.92	33.00' LT

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE225	26+81.29	33.00' RT
TLE226	26+81.29	38.00' RT
TLE227	27+04.53	38.00' RT
TLE228	27+05.13	68.62' RT
TLE229	27+10.13	68.52' RT
TLE230	27+76.16	71.31' RT
TLE231	27+86.16	71.12' RT

NE 1/4-NW 1/4

ALL TLES SHOWN ON THIS SHEET ARE FOR SLOPE GRADING

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	PERMANENT LIMITED EASEMENT	PLE
ACCESS RIGHTS	AR	PROPERTY LINE	PL
ACRES	AC	RECORDED AS	(100')
AND OTHERS	ET AL	REFERENCE LINE	R/L
CENTERLINE	C/L	RELEASE OF RIGHTS	ROR
CERTIFIED SURVEY MAP	CSM	REMAINING	REM
CORNER	COR	RESTRICTED DEVELOP EASEMENT	RDE
DOCUMENT	DOC	RIGHT-OF-WAY	R/W
EASEMENT	EASE	SECTION	SEC
HIGHWAY EASEMENT	HE	STATION	STA
LAND CONTRACT	LC	TEMPORARY LIMITED EASEMENT	TLE
MONUMENT	MON	VOLUME	V
PAGE	P		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	TAN

HWY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	WIS. STATUTE 82.31(2) AND COUNTY RECORDS	66'	---
WALWORTH ST	CITIZENS ADDITION TO THE VILLAGE OF SHARON PLAT	66'	1894

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SECTION LINE
QUARTER LINE
SIXTEENTH LINE
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NEW R/W LINE
EXISTING R/W OR HE LINE
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LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
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SIGN
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R/W BOUNDARY POINT
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DOCUMENT#: 993928
Recorded: 09-09-2019 at 01:42 PM
DONNA R PRUESS REG OF DEEDS
WALWORTH COUNTY, WISCONSIN
Pages: 1 Fee Amount: $25.00

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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3706-01-20 4.03
AMENDMENT NO:

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GN

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www.daarcorp.com
Milwaukee, WI 53202
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WISCONSIN JEFFREY B. JOHNSON S-1734 SPRING GREEN, WI LAND SURVEYOR

SIGNATURE: _____ DATE: 9/5/2019
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REGISTRATION NUMBER: S-1734

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SIGNATURE: _____ DATE: 09/05/19
PRINT NAME: Robert L. Duffeck

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\040102-RP.DWG
PLOT DATE : 9/5/2019 1:08 PM
PLOT BY : CORY IHDE
PLOT NAME :
PLOT SCALE : 1:40 FT
CONST. I.D. 3706-01-60 3706-01-20 4.03

TRANSPORTATION PROJECT PLAT NO: 3706-01-20 - 4.05

THAT PART OF LOT 10, BLOCK 2 OF CITIZENS ADDITION TO THE VILLAGE OF SHARON LOCATED IN AND PART OF THE SW 1/4 OF THE SE 1/4 AND THAT PART OF LOT 1, CSM 581 IN THE SE 1/4 OF THE SE 1/4, SECTION 28 AND PART OF THE NE 1/4 OF THE NE 1/4, SECTION 33, ALL IN TOWN 1 NORTH, RANGE 15 EAST, BEING LOCATED IN THE TOWN OF SHARON AND VILLAGE OF SHARON, WALWORTH COUNTY, WISCONSIN.

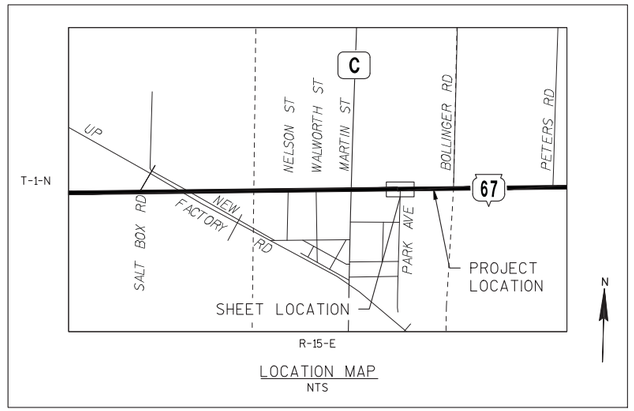
RELOCATION ORDER STH 67 WALWORTH COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

CONVENTIONAL UTILITY SYMBOLS

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



LOCATION MAP
NTS

DOCUMENT#: 993930
Recorded: 09-09-2019 at 01:43 PM
DONNA R PRUESS REG OF DEEDS
WALWORTH COUNTY, WISCONSIN
Pages: 1 Fee Amount: $25.00

The above recording information verifies this document has been electronically recorded and returned to the submitter

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 3706-01-20 4.05
AMENDMENT NO:

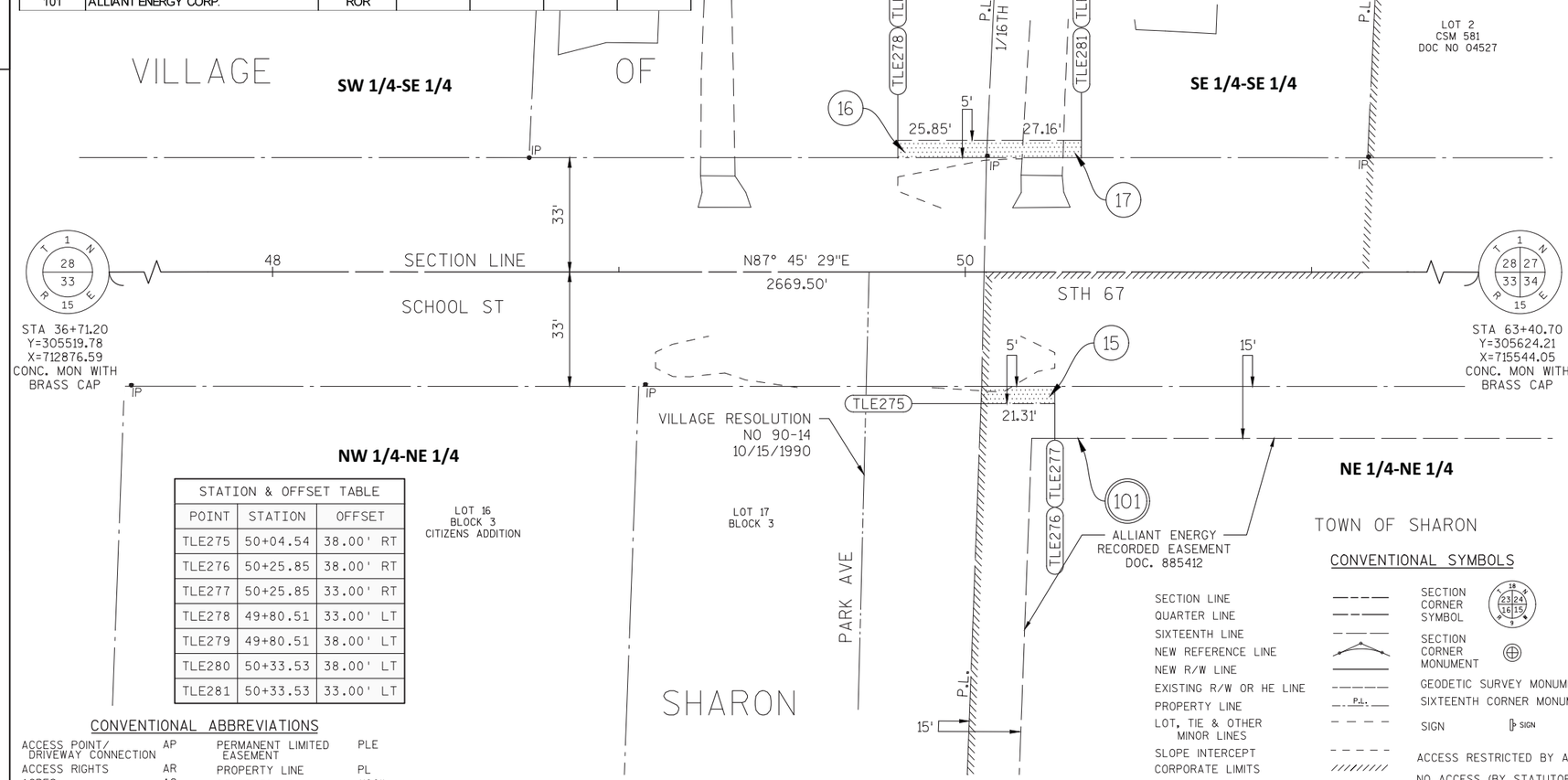
THIS IS A COPY
THE ORIGINAL DOCUMENT IS ON FILE AT THE COUNTY REGISTER OF DEEDS

GN

SCHEDULE OF LANDS AND INTEREST REQUIRED			OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY, AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTEREST TO THE DEPARTMENT.			
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	R/W REQUIRED ACRES NEW	EXISTING	TOTAL	T.L.E. ACRES
15	LORNA SUE WEIFFENBACH	TLE	0	0	0	0.002
16	JAMES HOFFMAN	TLE	0	0	0	0.003
17	LILLIAN QUICK	TLE	0	0	0	0.003
UTILITY NUMBER						
101	ALLIANT ENERGY CORP.	ROR				

SCALE, FEET 0 20 40

ALL TLES SHOWN ON THIS SHEET ARE FOR SLOPE GRADING



STATION & OFFSET TABLE		
POINT	STATION	OFFSET
TLE275	50+04.54	38.00' RT
TLE276	50+25.85	38.00' RT
TLE277	50+25.85	33.00' RT
TLE278	49+80.51	33.00' LT
TLE279	49+80.51	38.00' LT
TLE280	50+33.53	38.00' LT
TLE281	50+33.53	33.00' LT

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	PERMANENT LIMITED EASEMENT	PLE
ACCESS RIGHTS	AR	PROPERTY LINE	PL
ACRES	AC	RECORDED AS	(100')
AND OTHERS	ET AL	REFERENCE LINE	R/L
CENTERLINE	C/L	RELEASE OF RIGHTS	ROR
CERTIFIED SURVEY MAP	CSM	REMAINING	REM
CORNER	COR	RESTRICTED DEVELOP EASEMENT	RDE
DOCUMENT	DOC	RIGHT-OF-WAY	R/W
EASEMENT	EASE	SECTION	SEC
HIGHWAY EASEMENT	HE	STATION	STA
LAND CONTRACT	LC	TEMPORARY LIMITED EASEMENT	TLE
MONUMENT	MON	VOLUME	V
PAGE	P		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	TAN

HWY	BASIS OF EXISTING R/W	WIDTH	YEAR
STH 67	WIS. STATUTE 82.31(2) AND COUNTY RECORDS	66'	---
PARK AVE	VILLAGE RESOLUTION	---	1990

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
PARALLEL OFFSETS

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
R/W BOUNDARY POINT RWB20
BUILDING
TO BE REMOVED

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), WALWORTH COUNTY, NAD83 (2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE SECTION LINE.

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

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

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

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

DAAR ENGINEERING, INC.
www.daarcorp.com
Milwaukee, WI 53202
414-225-9817

I, JEFFREY B. JOHNSON PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

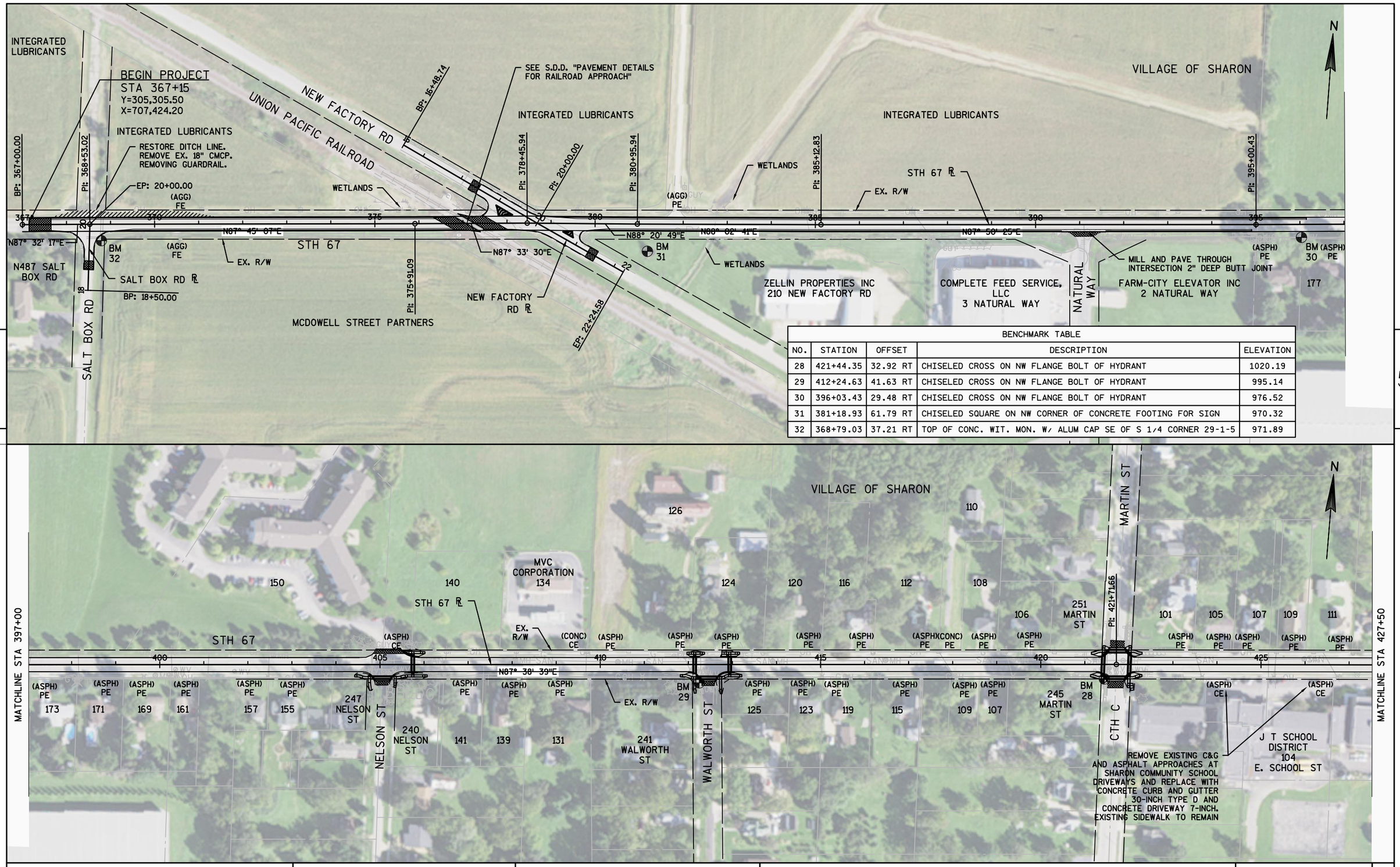
WISCONSIN JEFFREY B. JOHNSON S-1734 SPRING GREEN, WI LAND SURVEYOR

SIGNATURE: _____ DATE: 9/5/2019
PRINT NAME: JEFFREY B. JOHNSON
REGISTRATION NUMBER: S-1734

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SE REGION
SIGNATURE: _____ DATE: 09/05/19
PRINT NAME: Robert L. Duffeck

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\040102-RP.DWG PLOT DATE : 9/5/2019 1:08 PM PLOT BY : CORY IHDE PLOT NAME : PLOT SCALE : 1:40 FT

CONST. I.D. 3706-01-60 3706-01-20 4.05



BENCHMARK TABLE				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
28	421+44.35	32.92 RT	CHISELED CROSS ON NW FLANGE BOLT OF HYDRANT	1020.19
29	412+24.63	41.63 RT	CHISELED CROSS ON NW FLANGE BOLT OF HYDRANT	995.14
30	396+03.43	29.48 RT	CHISELED CROSS ON NW FLANGE BOLT OF HYDRANT	976.52
31	381+18.93	61.79 RT	CHISELED SQUARE ON NW CORNER OF CONCRETE FOOTING FOR SIGN	970.32
32	368+79.03	37.21 RT	TOP OF CONC. WIT. MON. W/ ALUM CAP SE OF S 1/4 CORNER 29-1-5	971.89

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN	SHEET	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 01

PLOT DATE : 11/25/2020 3:16 PM PLOT BY : KAYLA DEBACCO PLOT NAME : ---------- PLOT SCALE : 1 IN:200 FT

MATCHLINE STA 427+50

MATCHLINE STA 458+00

W8588

WIS POWER & LIGHT
W8586

WETLANDS

W8528

BOLLINGER RD ℄

BOLLINGER RD

21+50

EP: 21+50.00

EX. R/W

BM
25

PI: 452+45.30

W8462

W8446

119 121 123 125 129 133

(ASPH) PE (ASPH) PE (ASPH) PE (ASPH) PE (ASPH) PE (ASPH) PE (ASPH) PE (ASPH) CE

430 440 445 450 455

N87° 45' 17"E N87° 15' 14"E N87° 44' 41"E N88° 08' 01"E N88° 19' 23"E

BM
27

BM
26

STH 67

BP: 20+00.00

(ASPH) CE (ASPH) PE (ASPH) PE (ASPH) PE (ASPH) PE (ASPH) PE (ASPH) PE (AGG) PE (AGG) PE (ASPH) PE (ASPH) PE

118 120 122 124 126 W8589 W8565 W8493 W8447

REMOVE EXISTING C&G AND ASPHALT APPROACHES AT SHARON COMMUNITY SCHOOL DRIVEWAYS AND REPLACE WITH CONCRETE CURB AND GUTTER 30-INCH TYPE D AND CONCRETE DRIVEWAY 7-INCH. EXISTING SIDEWALK TO REMAIN

PARK AVE

PI: 437+43.67

PI: 440+00.80

WETLANDS

EX. R/W

PI: 448+45.25

BENCHMARK TABLE				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
23	474+63.52	28.11 RT	TOP OF CONC. WIT. MON. W/ ALUM CAP SW OF OF S 1/4 CORNER OF SEC. 27-1-15	987.21
24	461+71.35	32.21 LT	FOUND RR SPIKE IN UTILITY POLE *1-15-27	994.03
25	448+74.28	33.34 LT	TOP OF CONC. WIT. MON. W/ ALUM CAP NE OF SW CORNER OF SEC 27-1-15	1008.38
26	438+55.47	26.24 RT	CHISELED CROSS ON NW FLANGE BOLT OF HYDRANT	1006.87
27	430+45.42	34.96 RT	CHISELED CROSS ON NW FLANGE BOLT OF HYDRANT	1017.23

MATCHLINE STA 458+00

MATCHLINE STA 488+50

W8334

PI: 458+10.38

PI: 463+95.09

(AGG) FE BM 24

(AGG) PE

EX. R/W

EP: 21+00.00

BP: 20+00.00

PETERS RD

N504 PETERS RD

PETERS RD ℄

W8274 W8262 W8258 W8250

PI: 486+95.52

460 465 470 475 480 485

N88° 35' 24"E N88° 26' 50"E N88° 01' 13"E N88° 19' 49"E N88° 06' 38"E

(AGG) FE (AGG) FE STH 67 EX. R/W STH 67 ℄ BM 23 (ASPH) PE (AGG) FE (AGG) FE (AGG) FE (AGG) PE (ASPH) PE (AGG) FE

PI: 474+98.42

PI: 478+43.82

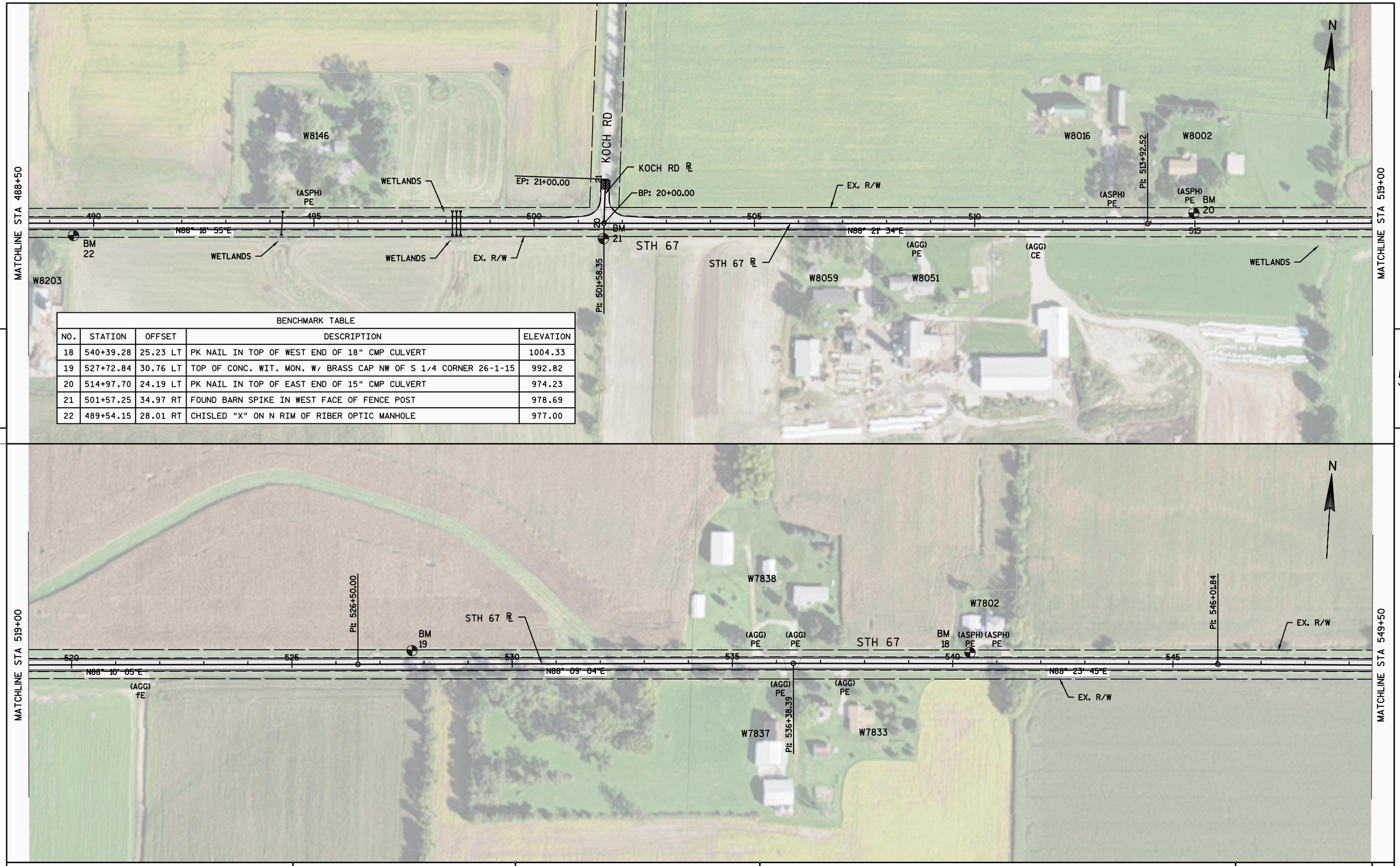
PI: 483+55.13

W8279

W8203

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN	SHEET	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 02
PLOT DATE : 11/25/2020 3:20 PM PLOT BY : KAYLA DEBACCO PLOT NAME : ---------- PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44



BENCHMARK TABLE				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
18	540+39.28	25.23 LT	PK NAIL IN TOP OF WEST END OF 18" CMP CULVERT	1004.33
19	527+72.84	30.76 LT	TOP OF CONC. WIT. MON. W/ BRASS CAP NW OF S 1/4 CORNER 26-1-15	992.82
20	514+97.70	24.19 LT	PK NAIL IN TOP OF EAST END OF 15" CMP CULVERT	974.23
21	501+57.25	34.97 RT	FOUND BARN SPIKE IN WEST FACE OF FENCE POST	978.69
22	489+54.15	28.01 RT	CHISLED "X" ON N RIM OF RIBER OPTIC MANHOLE	977.00

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN	SHEET	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 03

PLOT DATE : 11/25/2020 3:25 PM PLOT BY : KAYLA DEBACCO PLOT NAME : ---------- PLOT SCALE : 1 IN:200 FT

N533 CTH K

N536 CTH K

N

EP: 23+00.00

W7626

W7540

PI: 554+67.43

BM 17

PI: 558+02.35

EX. R/W

(AGG) PE

PI: 565+75.72

BM 16

(AGG) PE

MATCHLINE STA 549+50

550 555 560 565 570 575

N88° 36' 21"E

N88° 04' 26"E

N87° 42' 32"E

N87° 39' 10"E

PI: 20+04.31

N88° 15' 42"E

STH 67 ℄

STH 67

EX. R/W

PI: 577+55.12

CTH K ℄

BP: 16+50.00

CTH K

BENCHMARK TABLE				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
13	608+19.44	30.91 RT	PK NAIL IN TOP OF S. END OF EASTERLY CMP CULVERT	934.86
14	595+25.69	17.49 RT	FOUND ALUM CAP IN CONC. BRIDGE ABUTMENT	936.65
15	581+57.89	36.82 LT	SPIKE TOP OF WOOD FENCE POST NE OF INTERSECTION	961.46
16	568+00.31	40.69 LT	RR SPIKE IN SOUTH FACE OF FENCE POST	977.09
17	555+20.59	53.31 LT	RR SPIKE IN SOUTH FACE OF 17" TREE	985.81

W7398

N516 CHILSON RD

N

REMOVE EX. 15" CMCP
REPLACE WITH CPRCHE 19x30-INCH

REMOVE EX. 18" CMCP
REPLACE WITH 18" RCCP

REMOVING GUARDRAIL,
INSTALL STEEL PLATE BEAM GUARD SHORT RADIUS (8 FT) AND TERMINAL,
STEEL PLATE BEAM GUARD, AND STEEL THRIE BEAM STRUCTURE APPROACH

B-64-79
CONCRETE DECK OVERLAY

EP: 21+00.00

EX. R/W

PI: 581+25.53

BM 15

STH 67 ℄

N87° 51' 19"E

EX. R/W

PI: 591+02.34

PI: 593+50.22

(AGG) FE

(ASPH) PE

WETLANDS

(AGG) FE

STH 67

PI: 606+38.81

(AGG) FE

MATCHLINE STA 580+00

585 590 600 605 610

N87° 32' 30"E

N88° 21' 44"E

N88° 44' 30"E

(AGG) PE (AGG) PE

N88° 06' 20"E

EX. R/W

XX BM 14

WETLANDS

(AGG) FE

BM 13

PI: 20+00.00

CHILSON RD ℄

BP: 19+00.00

PI: 583+33.27

CHILSON RD

REMOVE EX. 15" CMCP
REPLACE WITH 18" RCCP

REMOVING GUARDRAIL,
INSTALL MGS THRIE BREAM TRANSITION,
GUARDRAIL, AND EAT

REMOVE FIELD ENTRANCE
REMOVE EX. 18" CMCP

W7471

EX. R/W

PISCASAW CREEK

SEE PLAN DETAILS FOR ADDITIONAL WORK ON THIS SHEET.

MATCHLINE STA 610+50

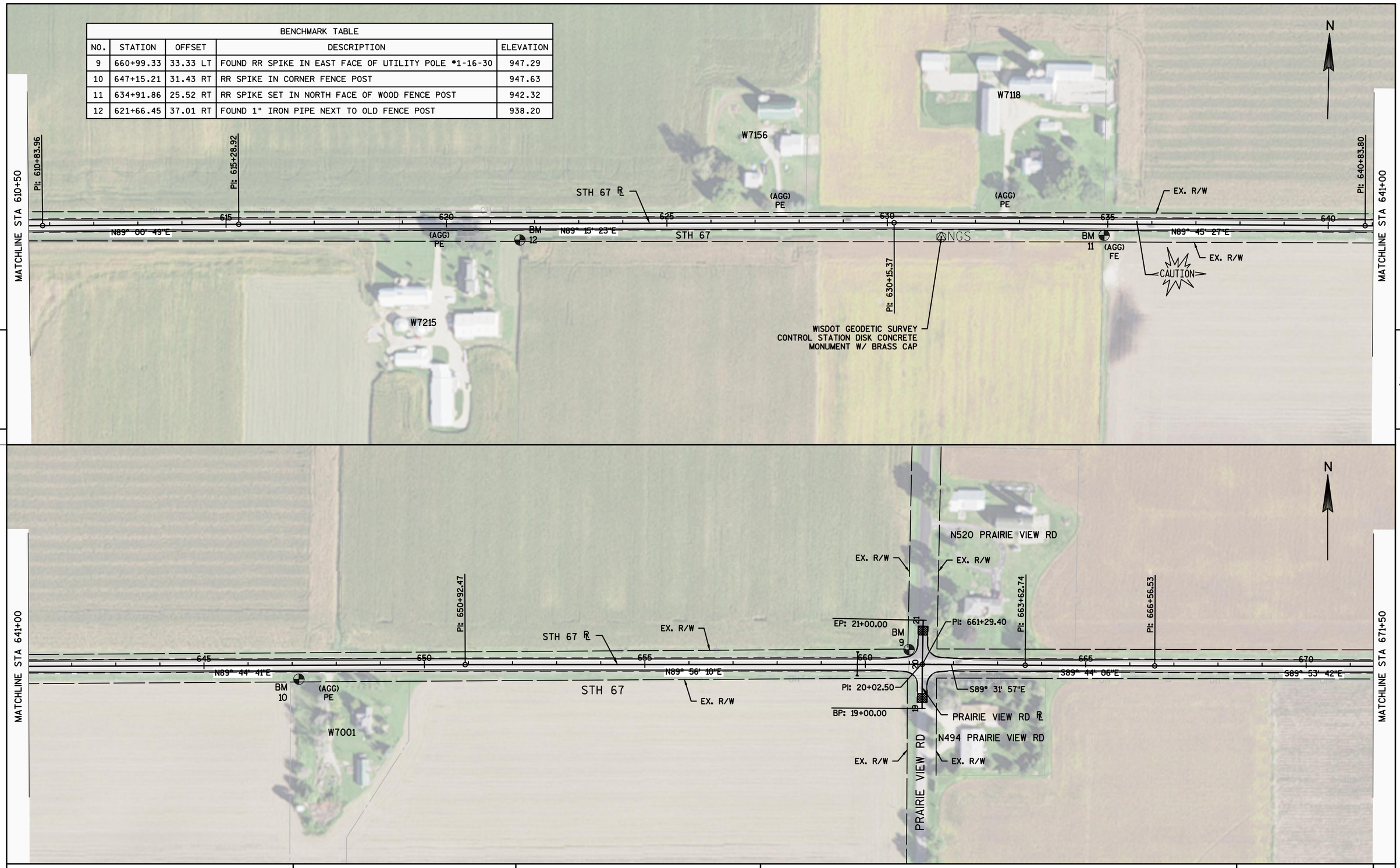
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN	SHEET	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 04

PLOT DATE : 3/18/2021 4:50 PM PLOT BY : KAYLA DEBACCO PLOT NAME : ---------- PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

BENCHMARK TABLE				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
9	660+99.33	33.33 LT	FOUND RR SPIKE IN EAST FACE OF UTILITY POLE #1-16-30	947.29
10	647+15.21	31.43 RT	RR SPIKE IN CORNER FENCE POST	947.63
11	634+91.86	25.52 RT	RR SPIKE SET IN NORTH FACE OF WOOD FENCE POST	942.32
12	621+66.45	37.01 RT	FOUND 1" IRON PIPE NEXT TO OLD FENCE POST	938.20

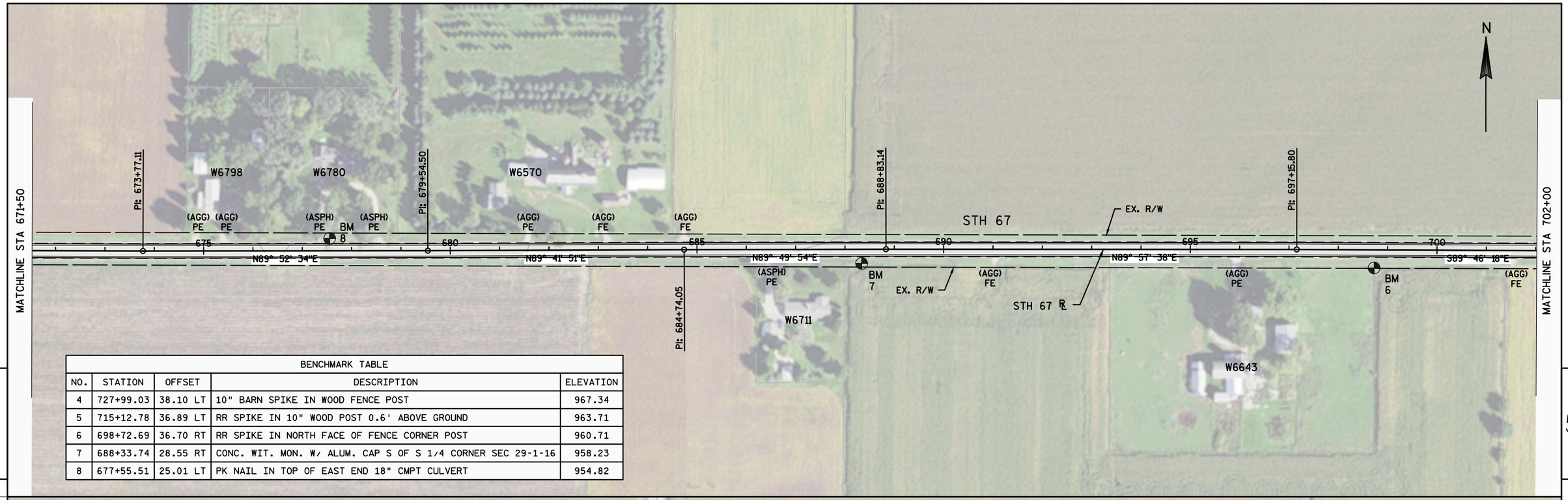


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN	SHEET	E

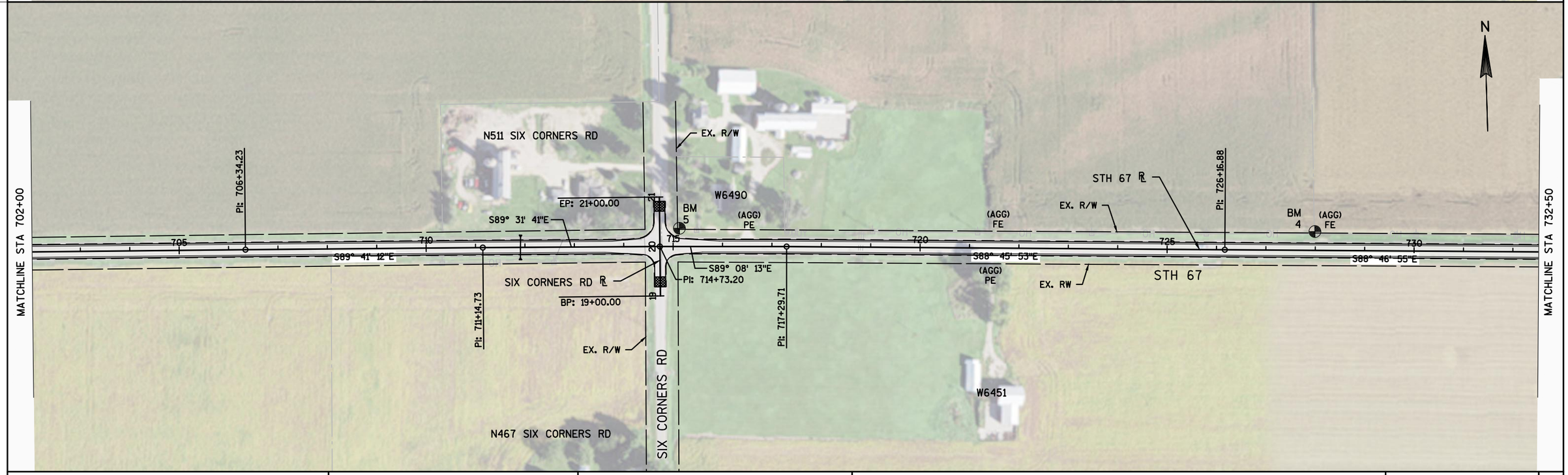
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LAYOUT NAME - 05

PLOT DATE : 11/25/2020 3:34 PM PLOT BY : KAYLA DEBACCO PLOT NAME : _____ PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44



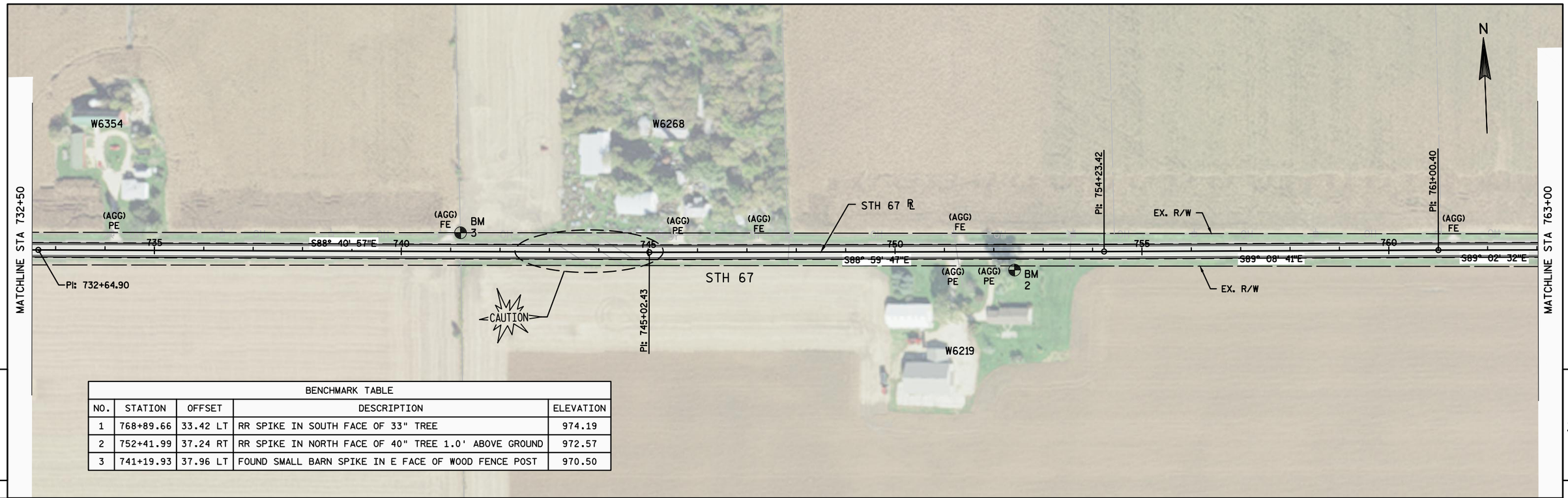
BENCHMARK TABLE				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
4	727+99.03	38.10 LT	10" BARN SPIKE IN WOOD FENCE POST	967.34
5	715+12.78	36.89 LT	RR SPIKE IN 10" WOOD POST 0.6' ABOVE GROUND	963.71
6	698+72.69	36.70 RT	RR SPIKE IN NORTH FACE OF FENCE CORNER POST	960.71
7	688+33.74	28.55 RT	CONC. WIT. MON. W/ ALUM. CAP S OF S 1/4 CORNER SEC 29-1-16	958.23
8	677+55.51	25.01 LT	PK NAIL IN TOP OF EAST END 18" CMPT CULVERT	954.82



PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN	SHEET	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\050201-PN.DWG
LAYOUT NAME - 06

PLOT DATE : 11/25/2020 3:38 PM PLOT BY : KAYLA DEBACCO PLOT NAME : ---------- PLOT SCALE : 1 IN:200 FT



BENCHMARK TABLE				
NO.	STATION	OFFSET	DESCRIPTION	ELEVATION
1	768+89.66	33.42 LT	RR SPIKE IN SOUTH FACE OF 33" TREE	974.19
2	752+41.99	37.24 RT	RR SPIKE IN NORTH FACE OF 40" TREE 1.0' ABOVE GROUND	972.57
3	741+19.93	37.96 LT	FOUND SMALL BARN SPIKE IN E FACE OF WOOD FENCE POST	970.50

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	PLAN	SHEET	E

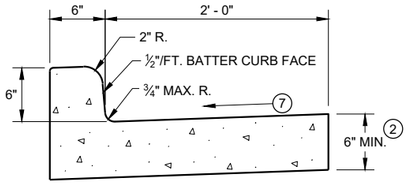
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LAYOUT NAME - 07

PLOT DATE : 11/25/2020 3:43 PM PLOT BY : KAYLA DEBACCO PLOT NAME : ---------- PLOT SCALE : 1 IN:200 FT

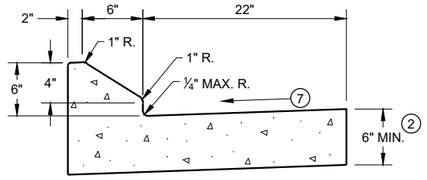
Standard Detail Drawing List

08D01-21A	CONCRETE CURB & GUTTER
08D01-21B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-05	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-20B	CURB RAMPS TYPES 2 AND 3
08D05-20D	CURB RAMPS TYPE 4B AND 4B1
08D05-20E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-20F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-20G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-07	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
13B01-10	PAVEMENT DETAILS FOR RAILROAD APPROACH
13C19-03	HMA LONGITUDINAL JOINTS
14B15-11A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-11B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-11C	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS
14B20-11A	STEEL THRIE BEAM STRUCTURE APPROACH
14B20-11E	STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"
14B27-01A	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01B	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B27-01C	STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL
14B28-04A	GUARDRAIL MOW STRIP
14B28-04B	GUARDRAIL MOW STRIP
14B29-01	SAFETY EDGE
14B42-06A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-06B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-06C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-06D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-08A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-08B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-08C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-20A	LONGITUDINAL MARKING (MAINLINE)
15C09-12A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C11-08B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-07	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-06A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C34-03	STANDARD APPLICATION FOR TEMPORARY RAISED PAVEMENT MARKER, TYPE 2
15C35-04A	PAVEMENT MARKING (INTERSECTIONS)
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D30-06A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-06B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-06C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D38-02A	TEMPORARY TRAFFIC CONTROL SIGN MOUNTING
15D38-02B	ATTACHMENT OF SIGNS TO POSTS
15D39-02	TRAFFIC CONTROL, DROP-OFF SIGNING

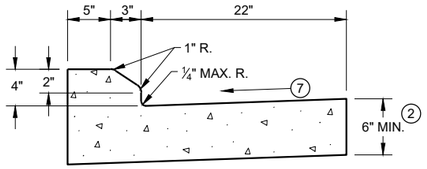
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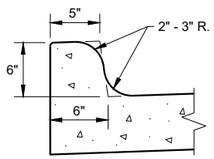
TYPES A[1] & D



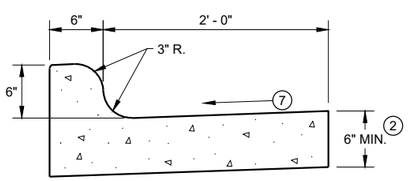
6" SLOPED CURB TYPES G[1] & J



4" SLOPED CURB TYPES G[1] & J

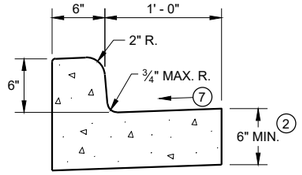


TYPES K[1] & L
(OPTIONAL CURB SHAPE)



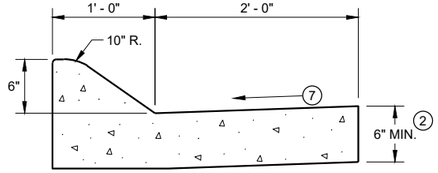
TYPES K[1] & L

CONCRETE CURB AND GUTTER 30"

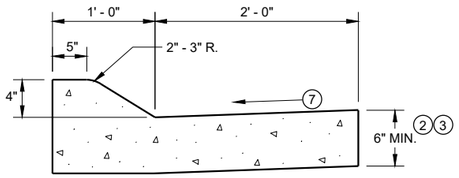


TYPES A[1] & D

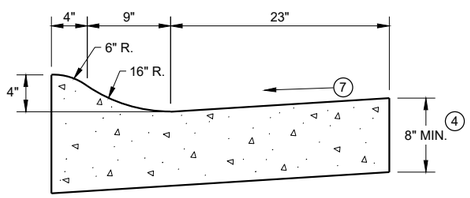
CONCRETE CURB AND GUTTER 18"



6" SLOPED CURB TYPES A[1] & D



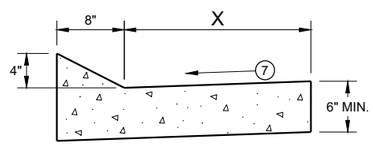
4" SLOPED CURB TYPES A[1] & D



4" SLOPED CURB TYPES R[1] & T[5]

CONCRETE CURB AND GUTTER 36"

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

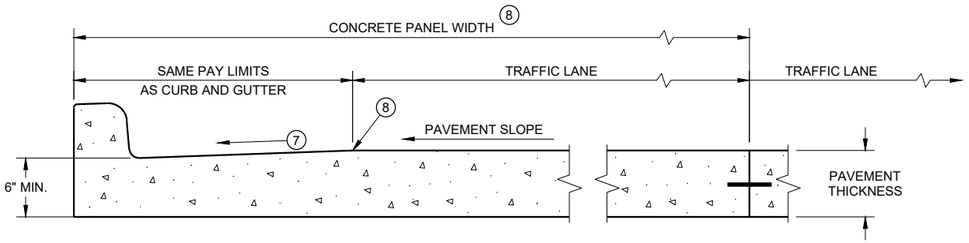


TYPES TBT & TBTT[1]

CONCRETE CURB AND GUTTER

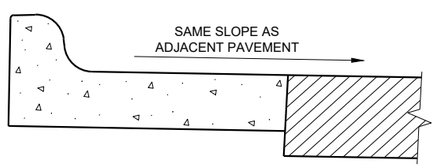
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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.

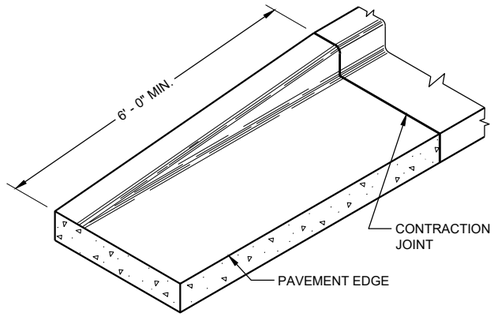
1. TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
2. THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
3. USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH 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. 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.

CONCRETE CURB AND GUTTER

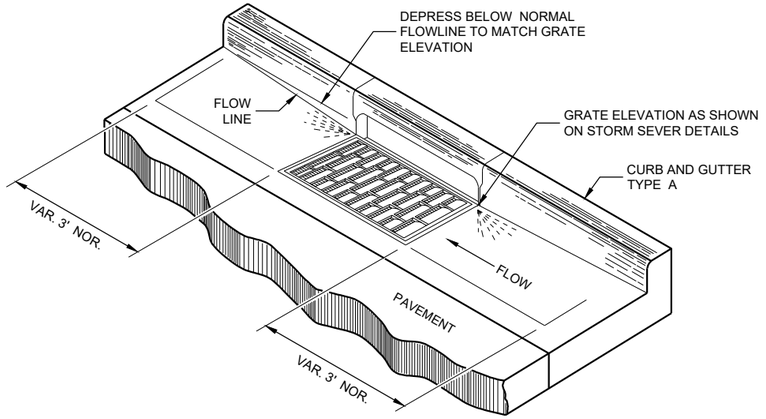
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D01 - 21a
SDD 08D01 - 21a



END SECTIONCURB 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.

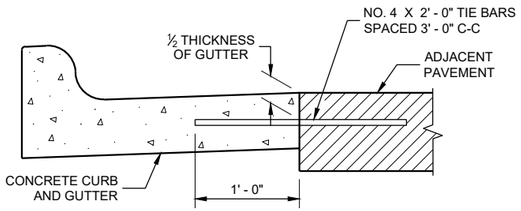
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

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

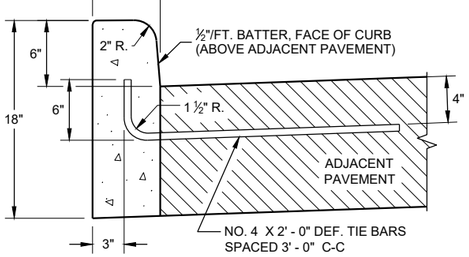
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(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.

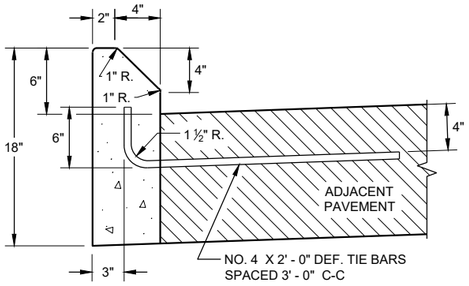
(9) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION (1)

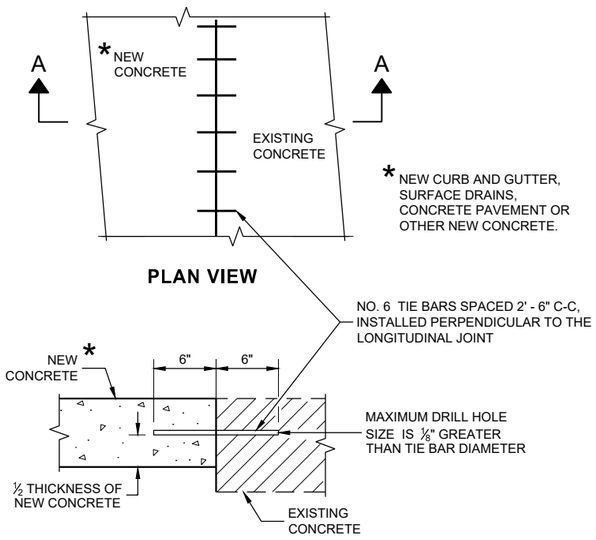


TYPES A (1) & D



TYPES G (1) & J

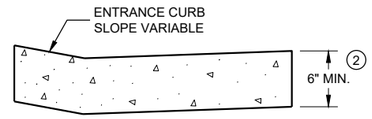
CONCRETE CURB



PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB (9)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER

FHWA

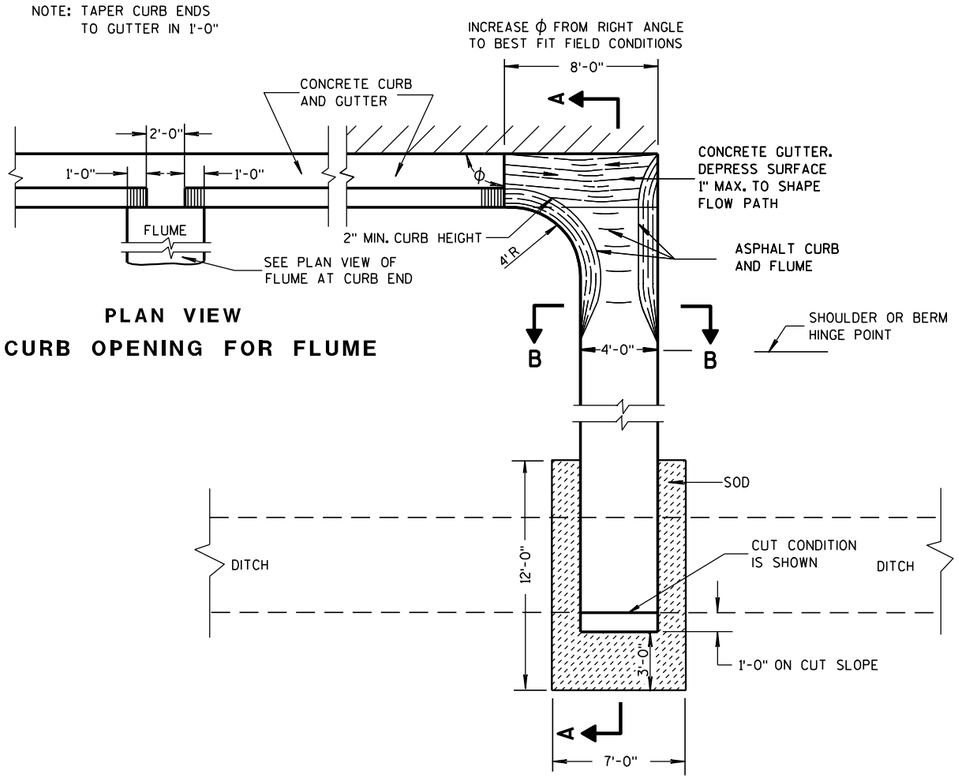
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SDD08D01 - 21b

6

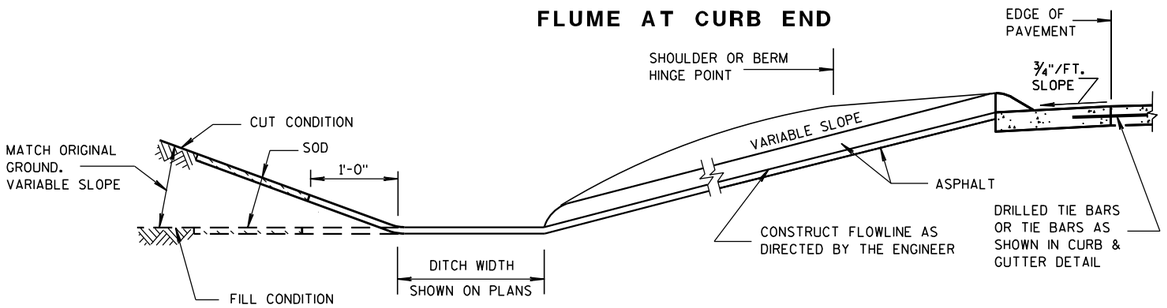
SDD08D01 - 21b

ASPHALTIC FLUME

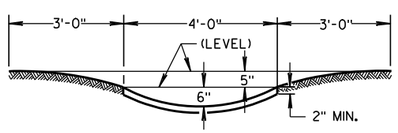


PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



SECTION A-A



SECTION B-B

GENERAL NOTES

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

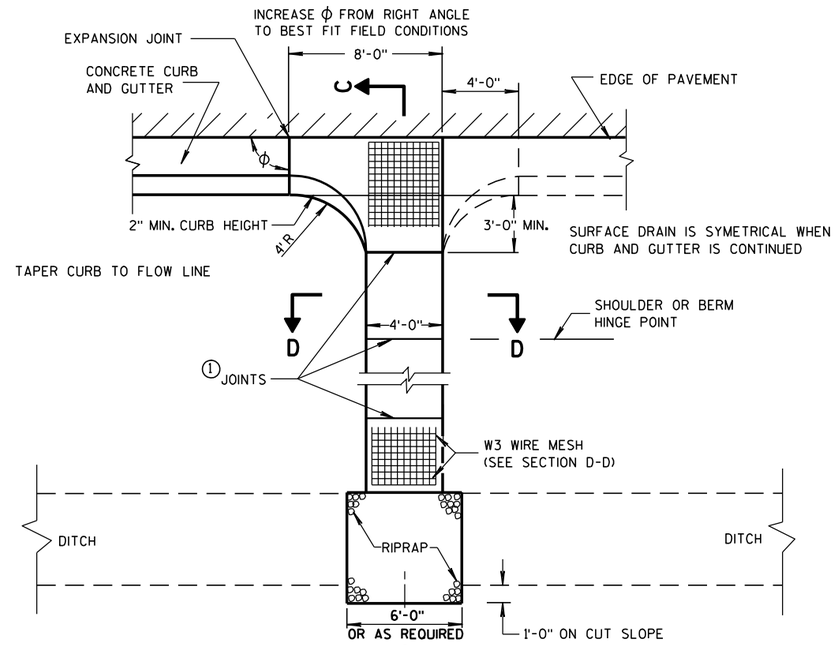
WELDED STEEL WIRE FABRIC SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

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

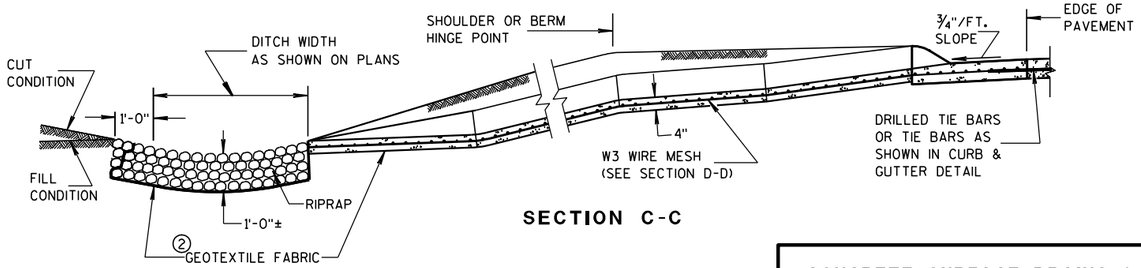
② GEOTEXTILE FABRIC TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.

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

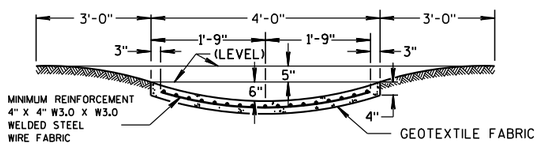
③ CONCRETE SURFACE DRAIN



PLAN VIEW



SECTION C-C



SECTION D-D

CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

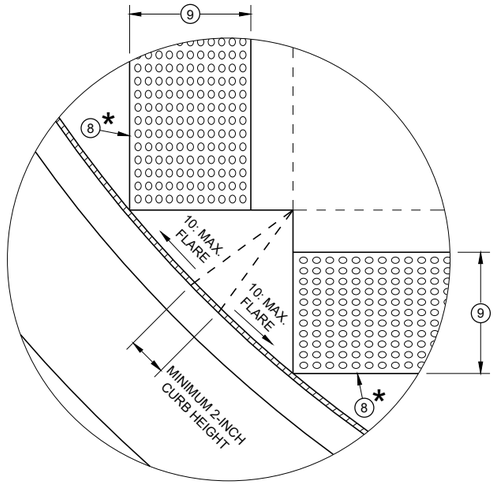
APPROVED
9-4-08 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
130
MENT
FHWA

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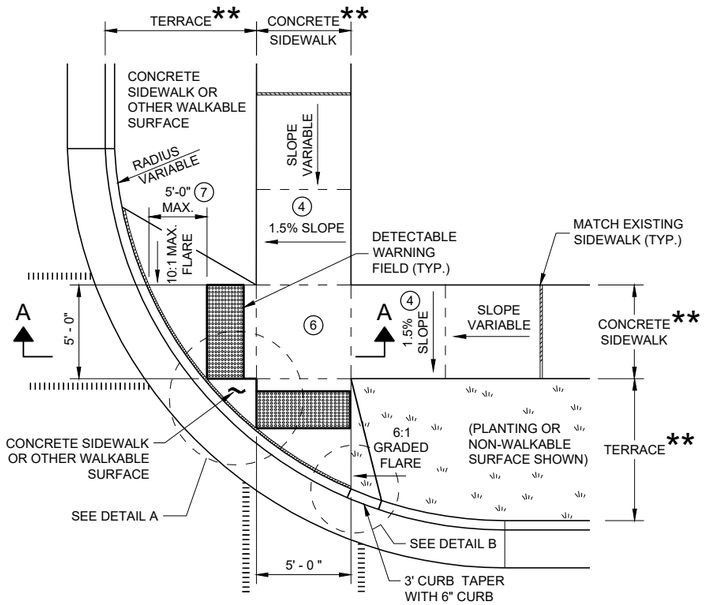
S.D.D. 8 D 4-5

6

S.D.D. 8 D 4-5



DETAIL A



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

GENERAL NOTES

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

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

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

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

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

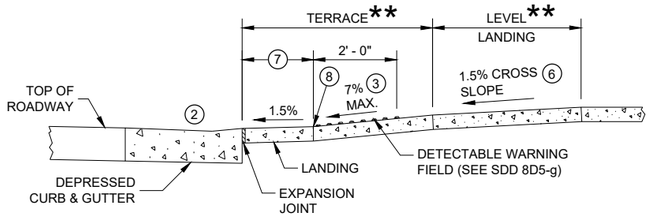
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

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

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

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

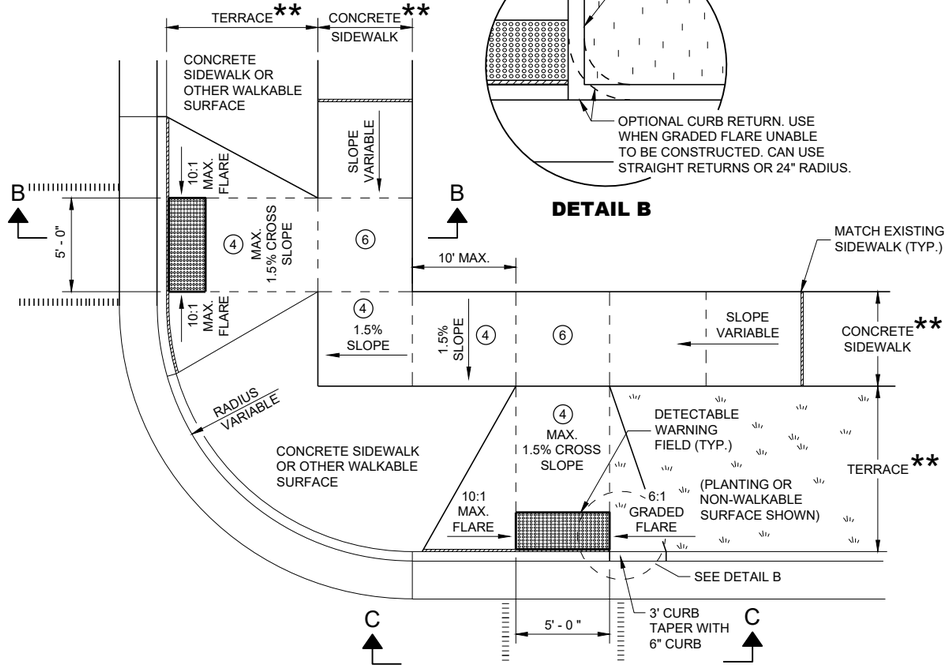
(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.



SECTION A - A FOR TYPE 2

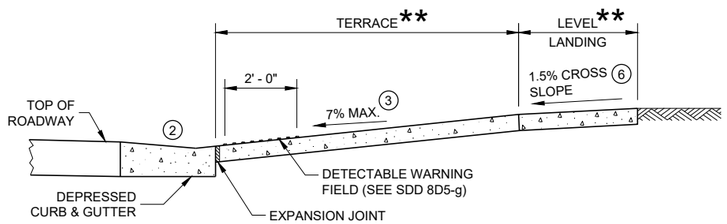
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS



DETAIL B

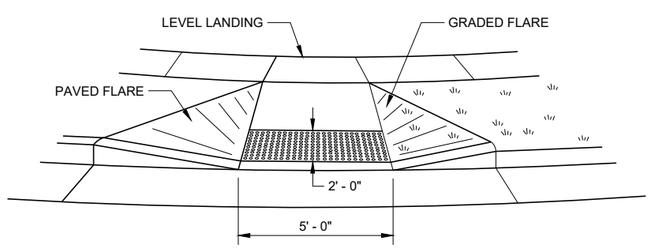
PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)



SECTION B - B FOR TYPE 3

LEGEND

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



VIEW C - C FOR TYPE 3

CURB RAMPS TYPE 2 AND 3

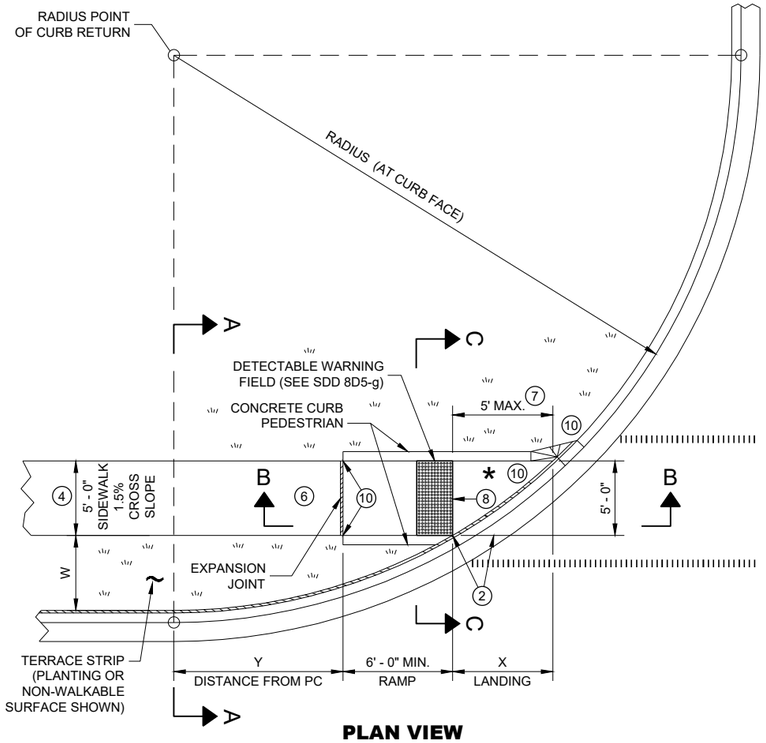
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 08D05 - 20b

6

SDD 08D05 - 20b



PLAN VIEW

CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 ¼"	0' - 5"	2' - 1"	1' - 4 ½"	1' - 5"	2' - 1"	0' - 10"	2' - 7 ½"	0' - 3 ¼"	3' - 0 ¼"						
15 FEET	4' - 6 ¾"	2' - 1 ¾"	3' - 9"	3' - 5 ¾"	3' - 1 ¼"	4' - 6"	2' - 6 ¾"	5' - 4 ½"	2' - 1"	6' - 1"	1' - 8"	6' - 8 ½"	1' - 3 ¼"	7' - 2 ½"	0' - 10 ¾"	7' - 7 ¼"
20 FEET	5' - 9 ¾"	3' - 6 ½"	4' - 11 ½"	5' - 1 ¾"	4' - 3 ¼"	6' - 5 ½"	3' - 8 ¾"	7' - 7"	3' - 3"	8' - 6 ½"	2' - 10"	9' - 4 ½"	2' - 5 ½"	10' - 1 ¼"	2' - 1 ¼"	10' - 9"
30 FEET			6' - 9 ¼"	7' - 11 ¼"	6' - 0 ¼"	9' - 8"	5' - 5"	11' - 1 ¾"	4' - 10 ¾"	12' - 5 ¾"	4' - 5 ½"	13' - 7 ¾"	4' - 0 ¾"	14' - 8 ½"	3' - 8 ½"	15' - 8 ¼"
40 FEET									6' - 1 ¾"	15' - 8 ½"	5' - 8"	17' - 2"	5' - 3"	18' - 5 ¾"	4' - 10 ¾"	19' - 8 ¼"
50 FEET															5' - 10 ¼"	23' - 2"

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

SECTION C - C FOR TYPE 4B

LEGEND

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

GENERAL NOTES

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

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

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

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

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

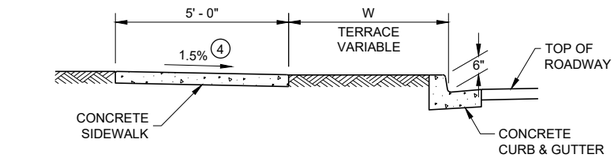
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

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

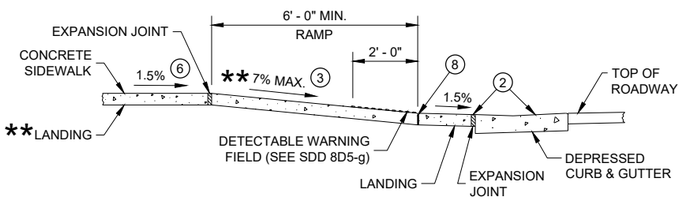
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

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

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



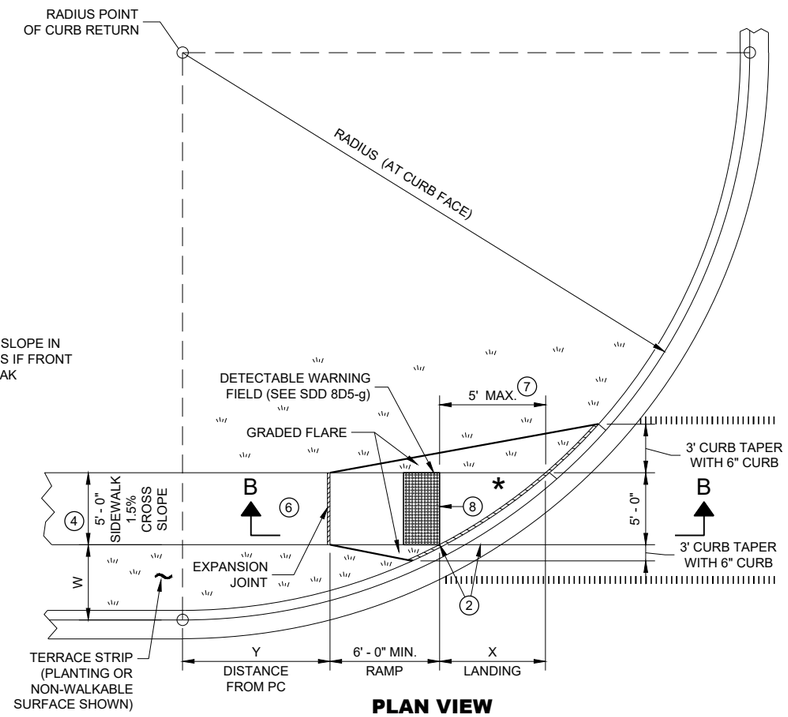
SECTION A - A FOR TYPE 4B



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

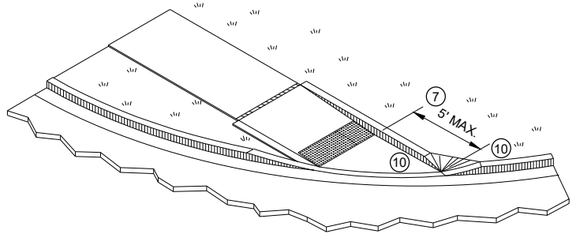
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

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

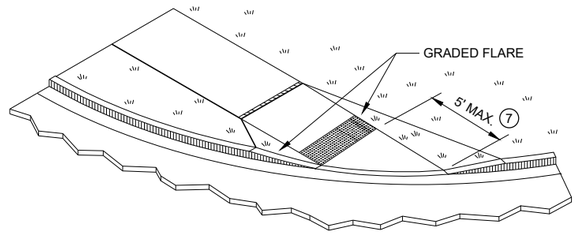


PLAN VIEW

CURB RAMP TYPE 4B1



ISOMETRIC VIEW FOR TYPE 4B



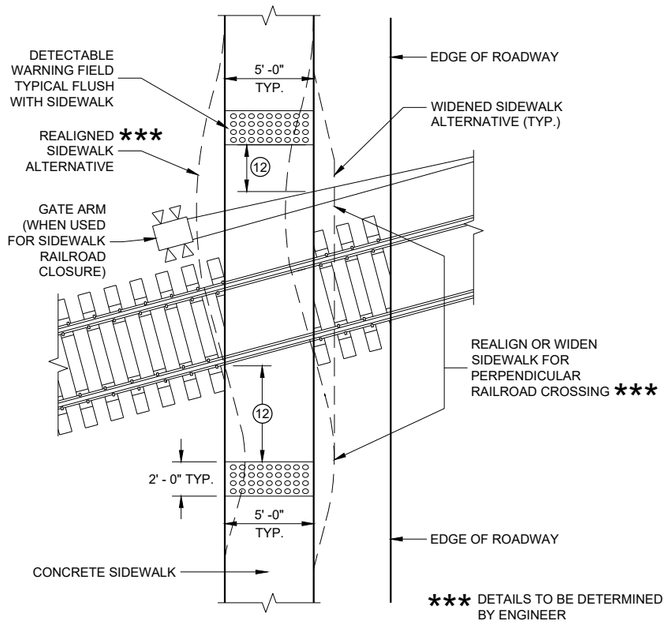
ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

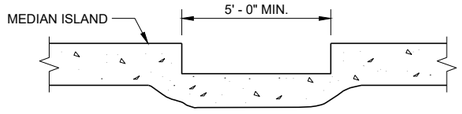
6

SDD 08D05 - 20d

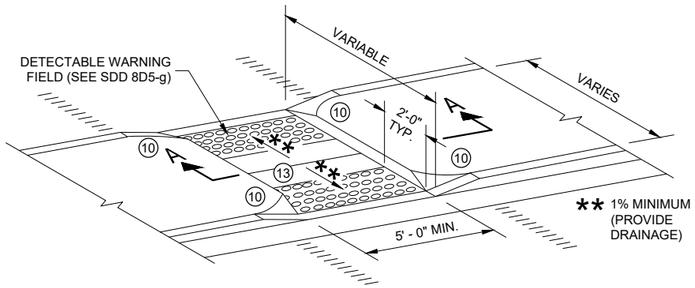


CURB RAMP TYPE 8

DETECTABLE WARNINGS AT RAILROAD CROSSING



SECTION A - A FOR TYPE 5



CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

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

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

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

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

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

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

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

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

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

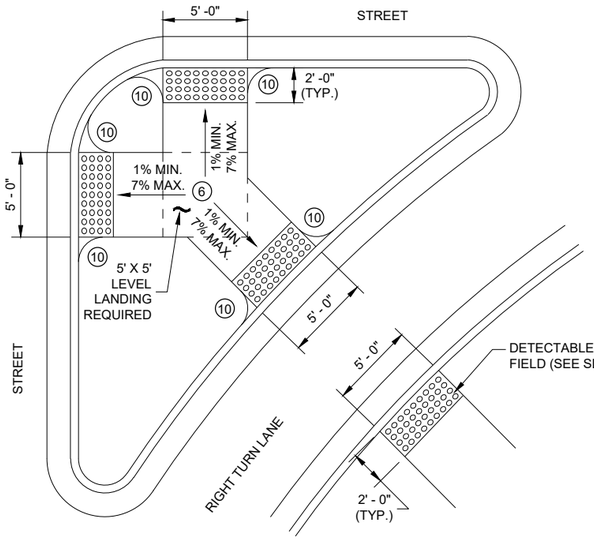
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

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

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

LEGEND

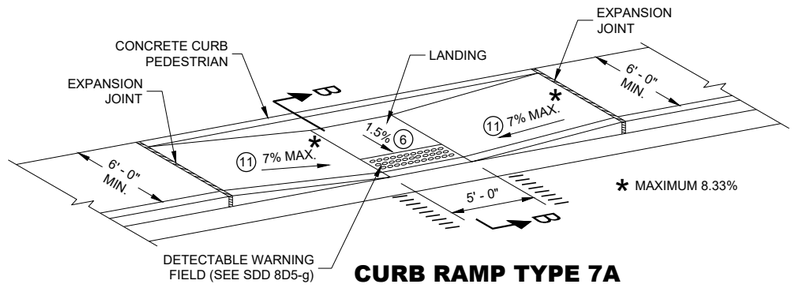
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



CURB RAMP TYPE 6

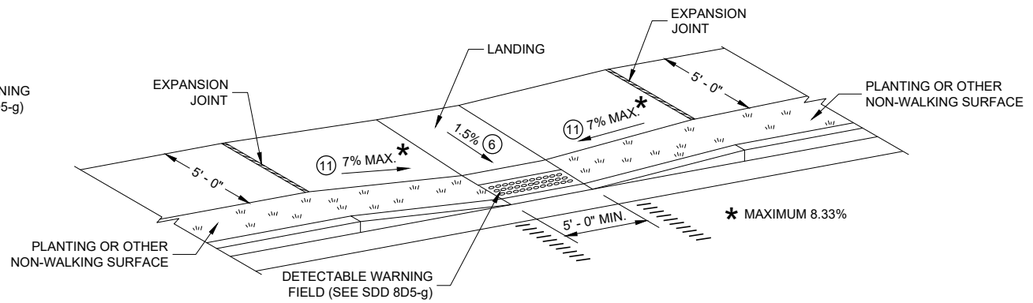
DETECTABLE WARNING AT ISLANDS

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



CURB RAMP TYPE 7A

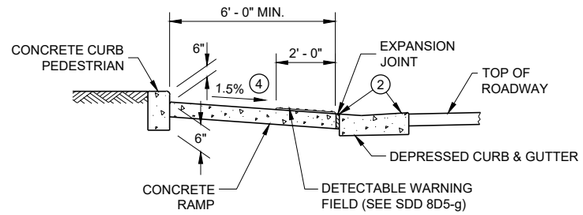
MID BLOCK CROSSING



CURB RAMP TYPE 7B

MID BLOCK CROSSING

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



SECTION B - B FOR TYPE 7A

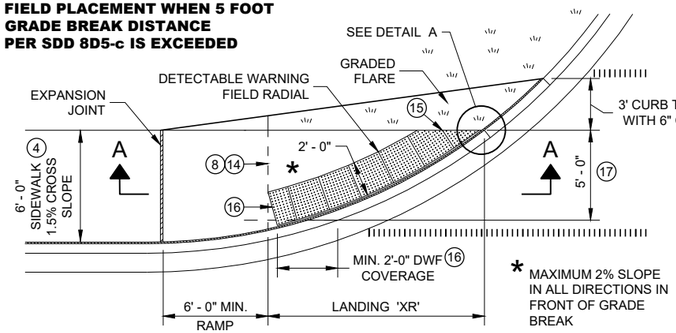
CURB RAMPS TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05 - 20e

SDD 08D05 - 20e

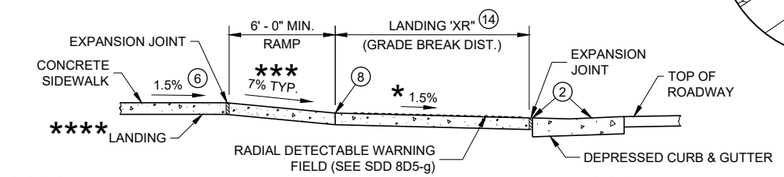
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED



PLAN VIEW

CURB RAMP TYPE 4A1

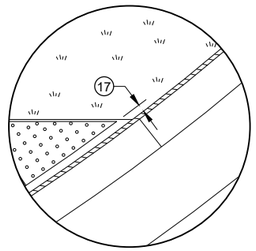
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



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

*** MAXIMUM 8.33%

SECTION A - A FOR TYPE 4A1



DETAIL A

LEGEND

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

GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

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

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

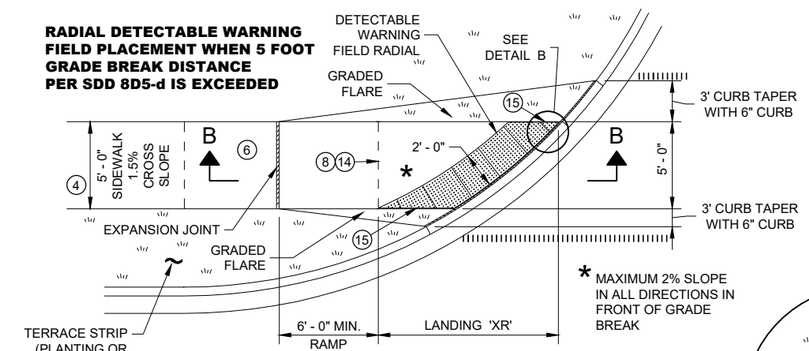
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

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

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

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

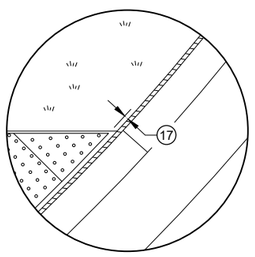
RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED



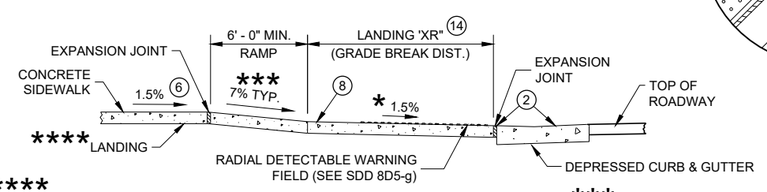
PLAN VIEW

CURB RAMP TYPE 4B1

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



DETAIL B

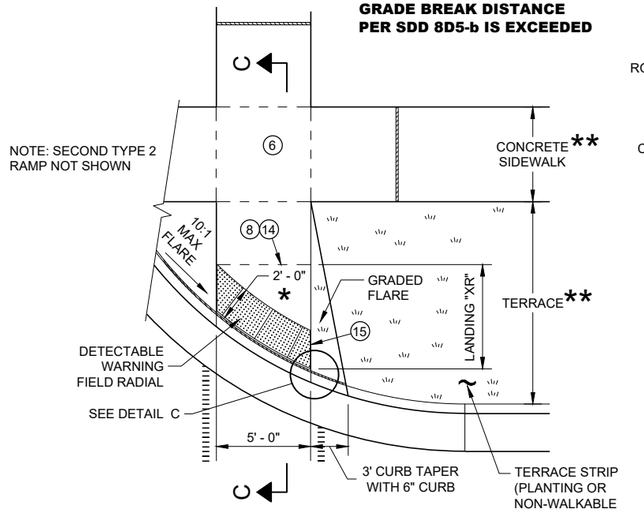


**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** MAXIMUM 8.33%

SECTION B - B FOR TYPE 4B1

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

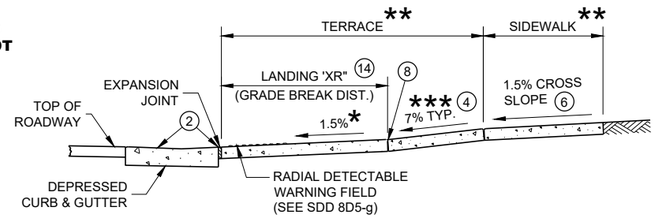


PLAN VIEW

CURB RAMP TYPE 2

(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)

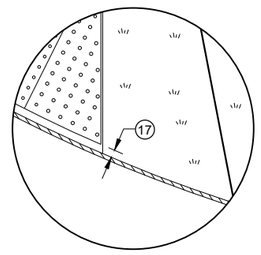


SECTION C - C FOR TYPE 2

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

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%



DETAIL C

CURB RAMPS
RADIAL DETECTABLE WARNING FIELD APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

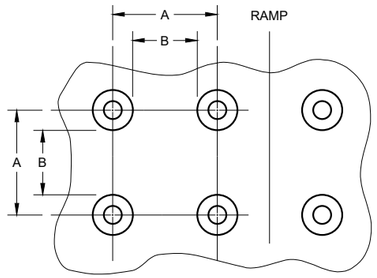
SDD 08D05 - 20f

6

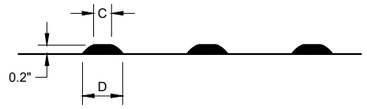
SDD 08D05 - 20f

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

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

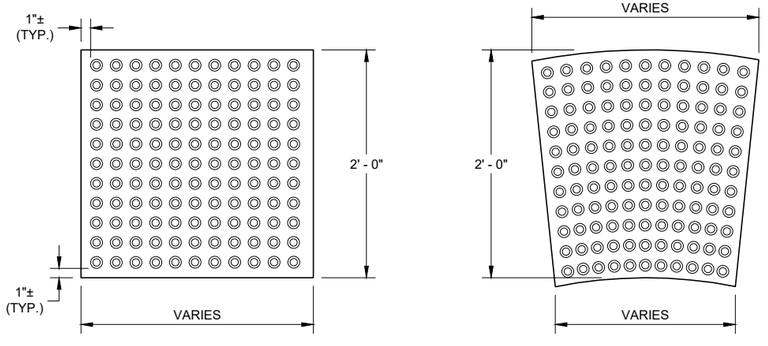


PLAN VIEW



ELEVATION VIEW

TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)

GENERAL NOTES

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

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

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

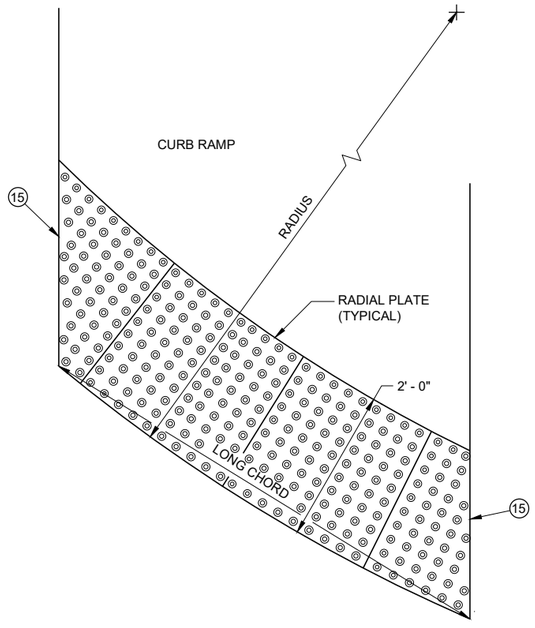
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

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

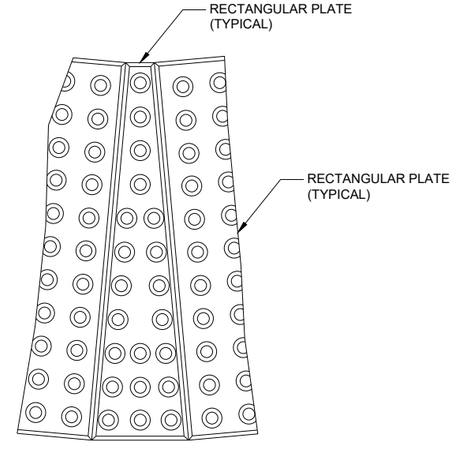
REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

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

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



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE UNIT SUPERVISOR

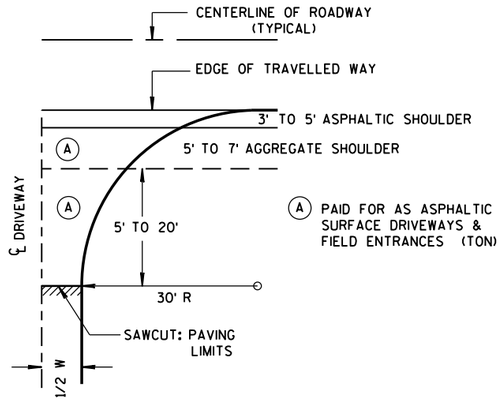
FHWA

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SDD 08D05 - 20g

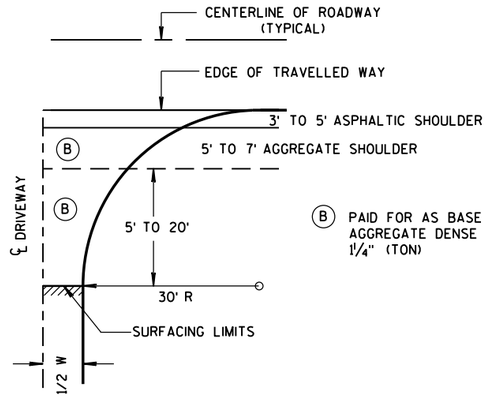
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SDD 08D05 - 20g



PLAN VIEW
HALF SECTION

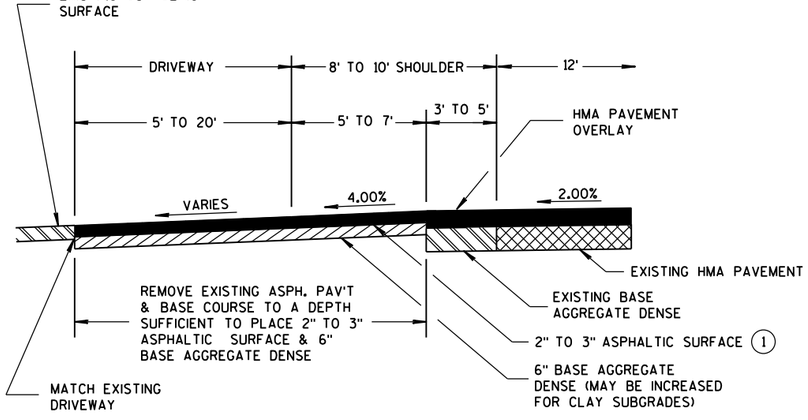
W MIN. = 16'
W MAX. = 24'



PLAN VIEW
HALF SECTION

GENERAL NOTES

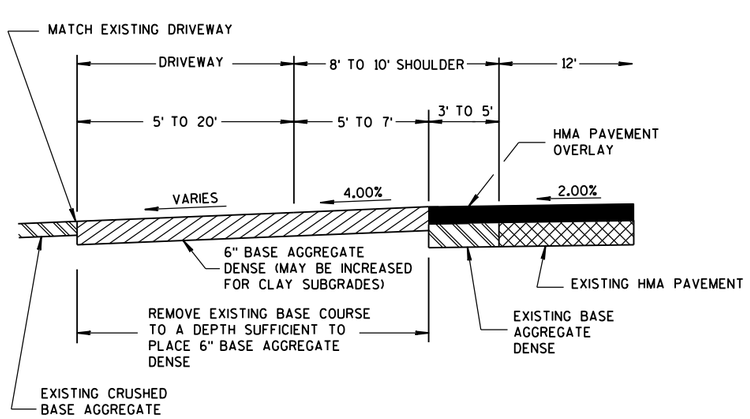
(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PROFILE VIEW

RURAL ENTRANCE WITH ASPHALTIC SURFACE

RESURFACING PROJECTS



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE

6" BASE AGGREGATE DENSE
RESURFACING PROJECTS

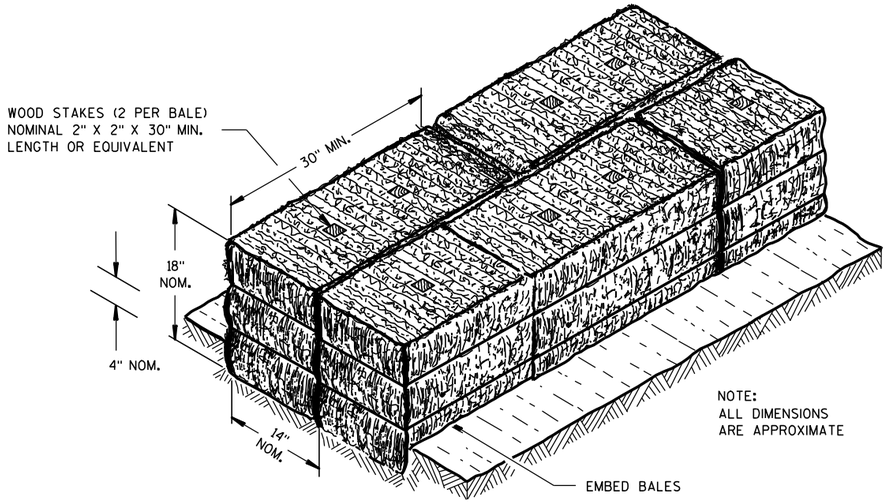
DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

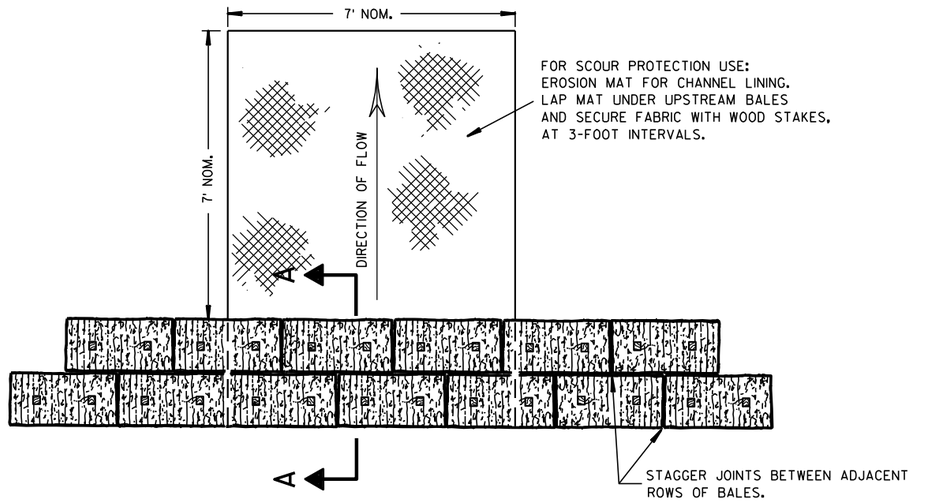
APPROVED
December, 2016 — /S/ Rodney Taylor
DATE — ROADWAY STANDARDS UNIT SUPERV — ENT
FHWA

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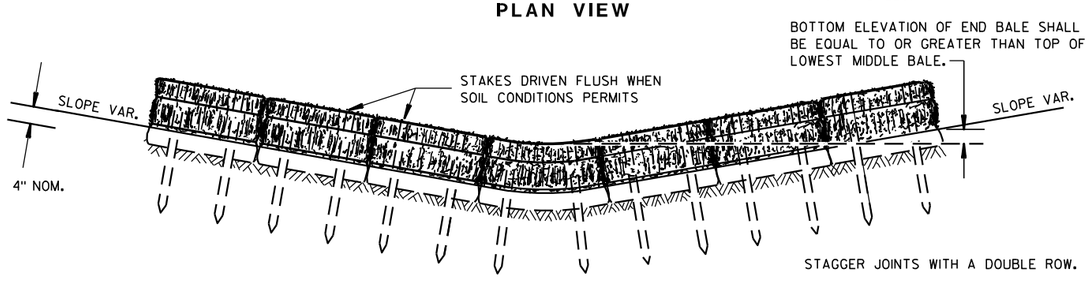
S.D.D. 8 D 22-1



SECTION A-A



PLAN VIEW



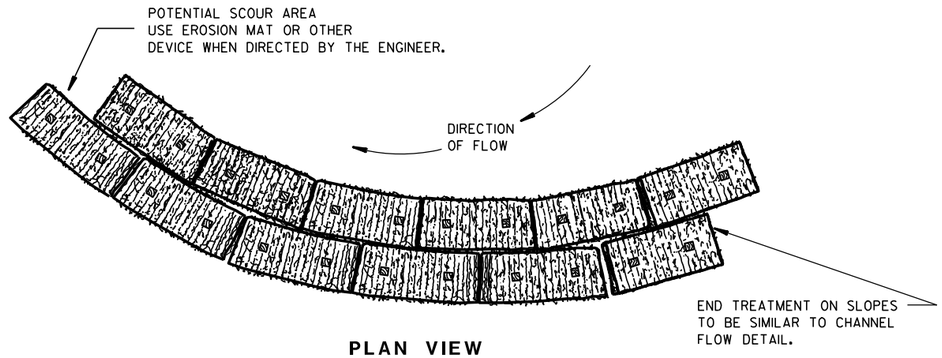
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

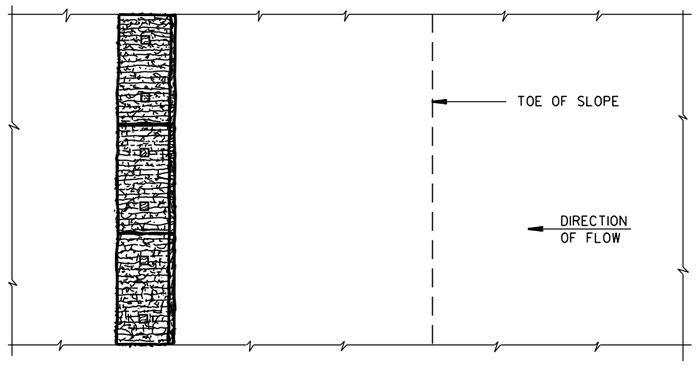
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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

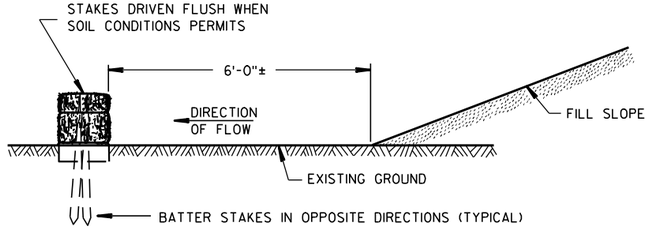


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

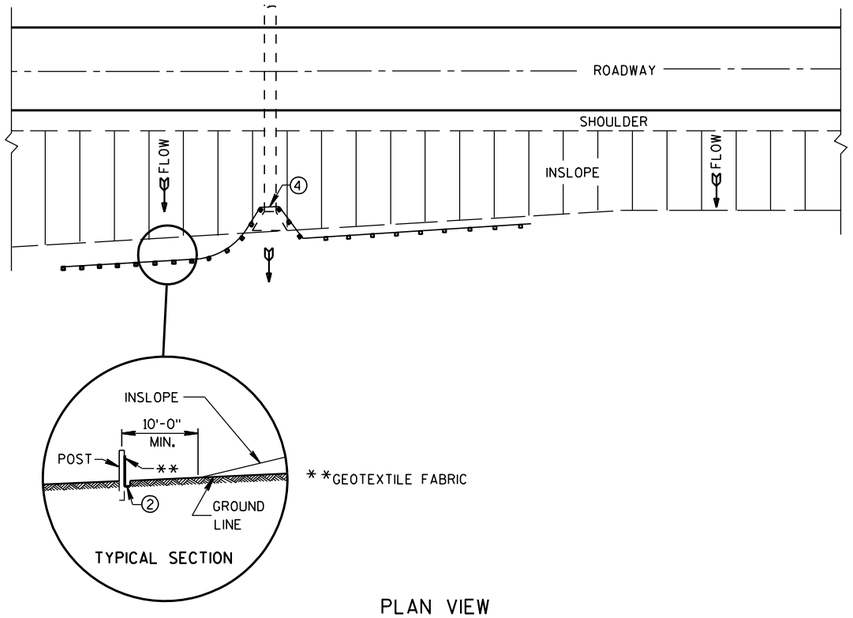
APPROVED
6/04/02 DATE
/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 8-3

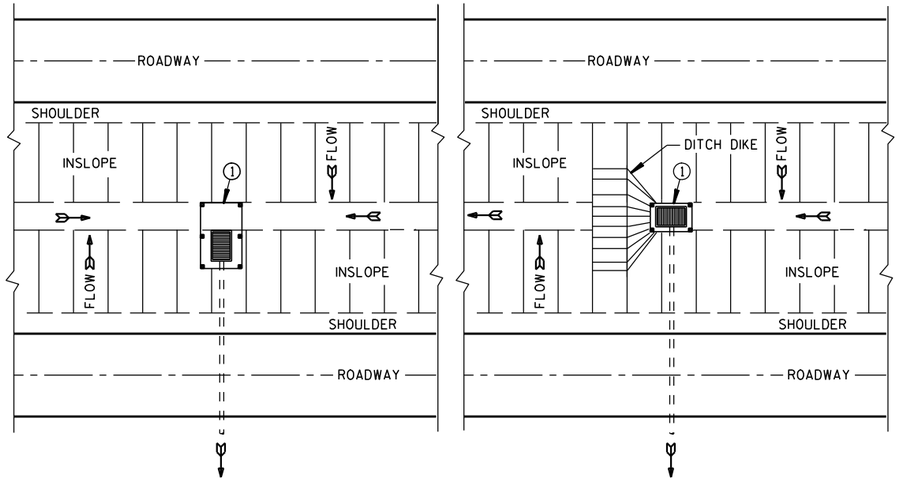
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S.D.D. 8 E 8-3



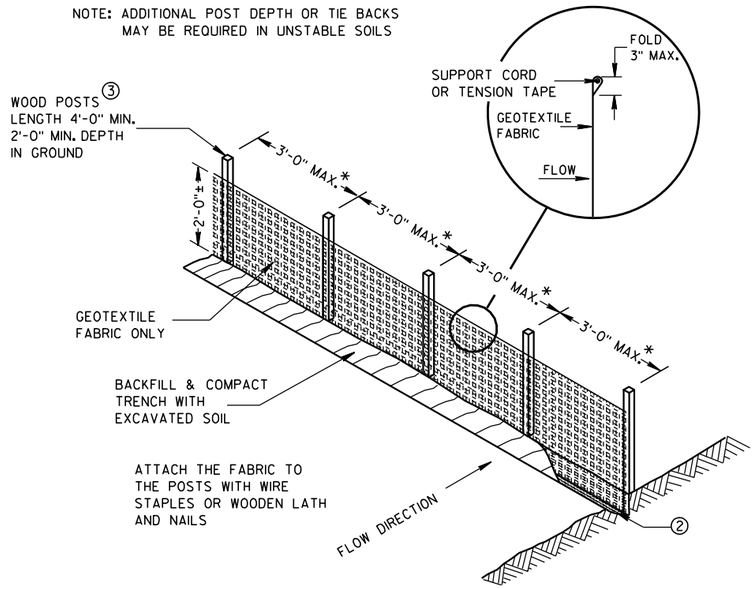
PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



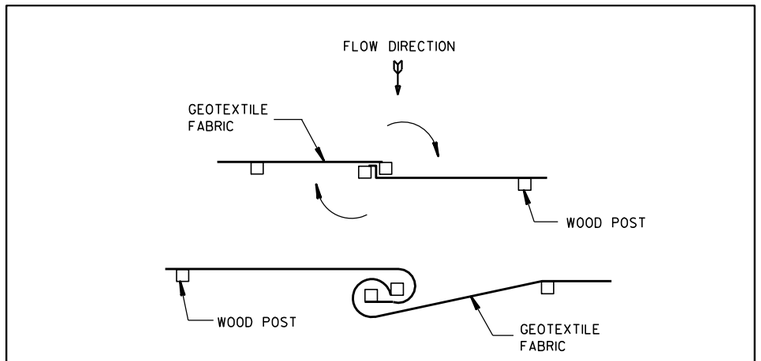
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS



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

SILT FENCE

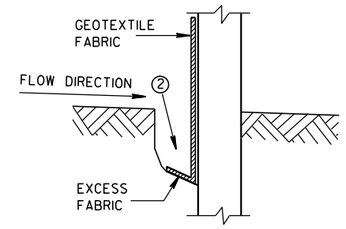


JOINING TWO LENGTHS OF SILT FENCE 5

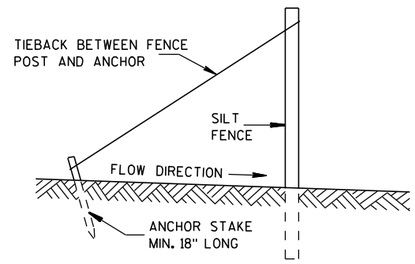
GENERAL NOTES

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

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



TRENCH DETAIL



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

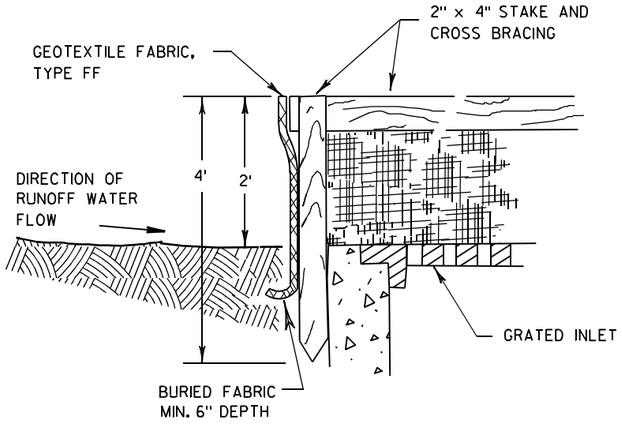
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

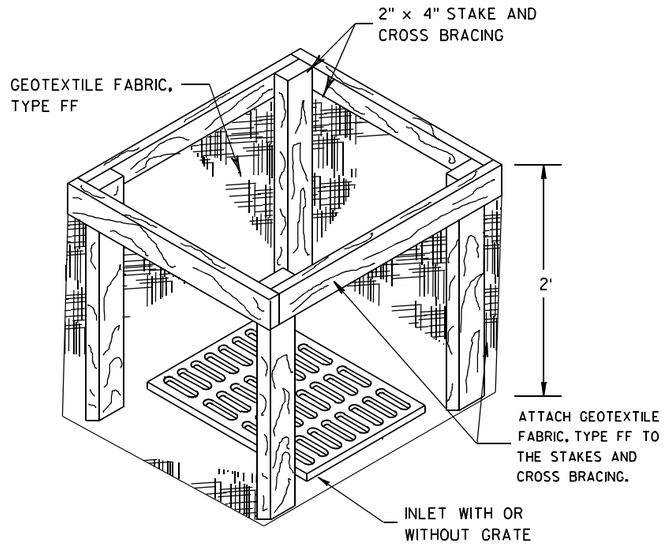
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S.D.D. 8 E 9-6

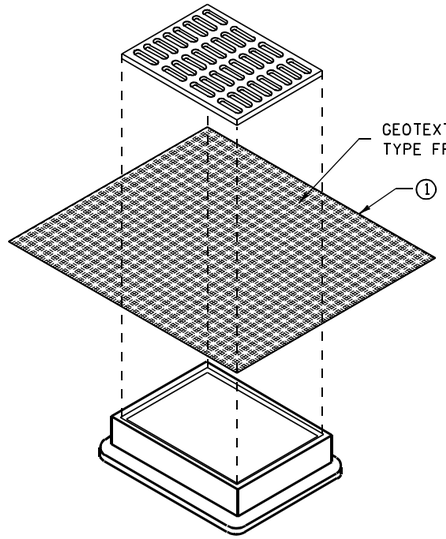
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S.D.D. 8 E 9-6



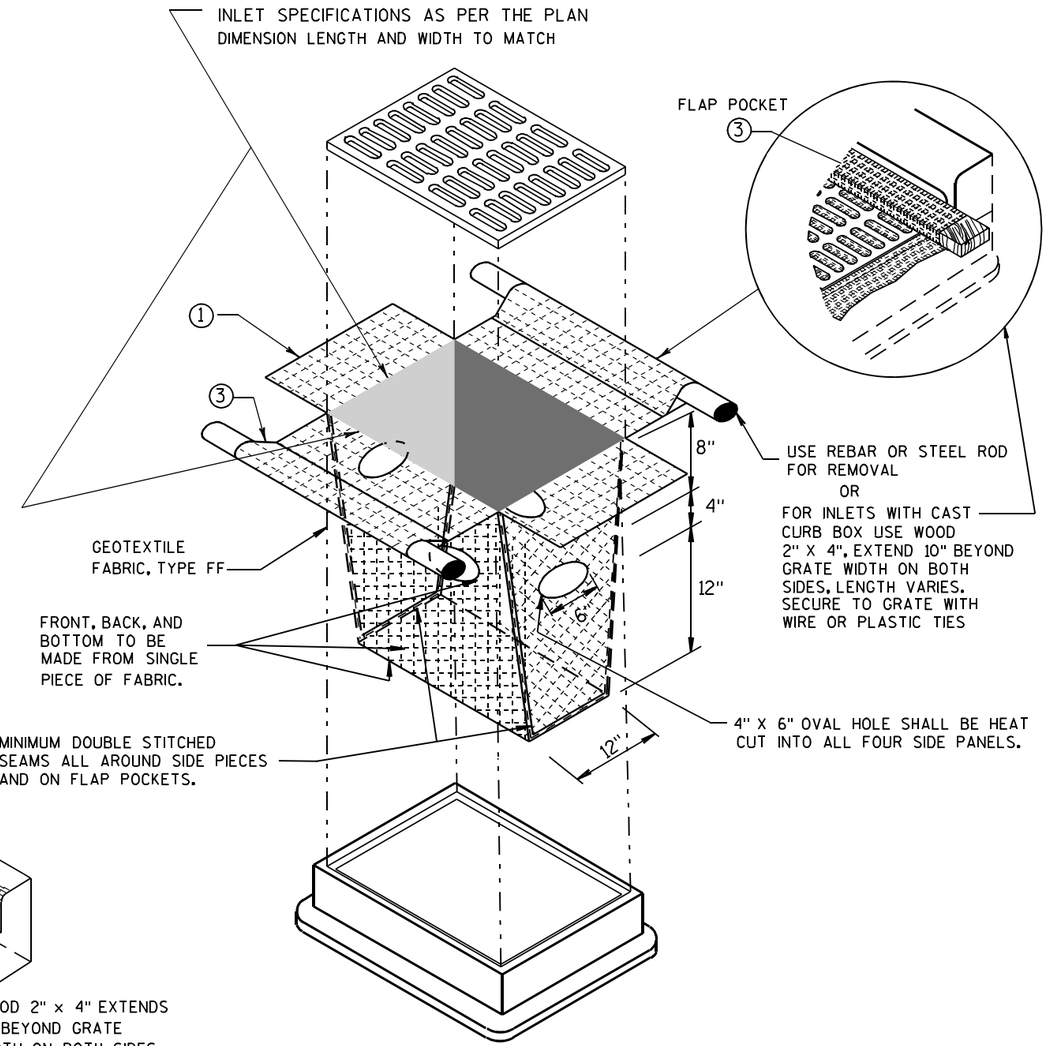


INLET PROTECTION, TYPE A



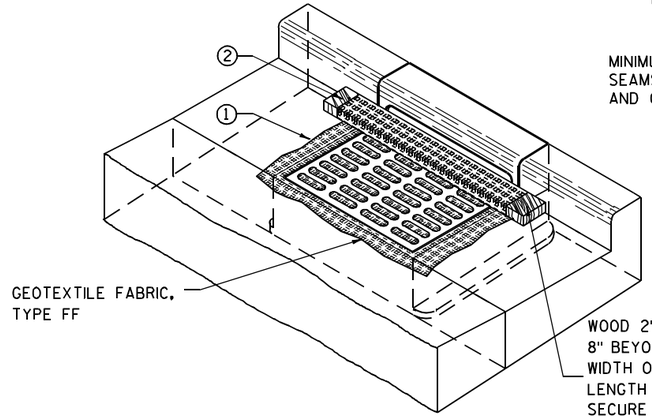
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE D

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



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

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

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

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

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

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

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

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

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

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

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

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

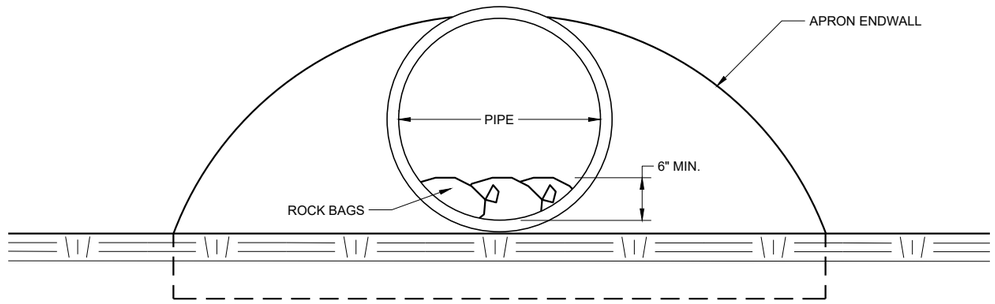
APPROVED

10/16/02
DATE

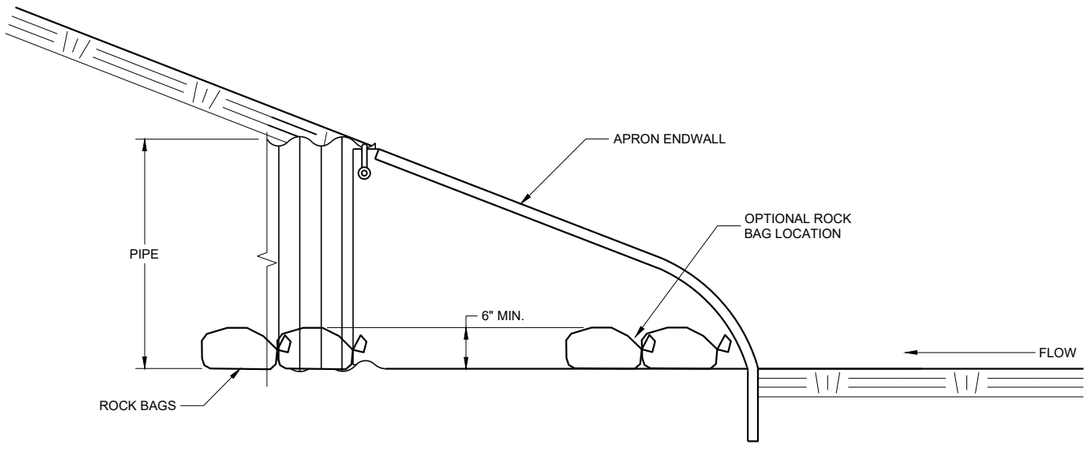
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

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



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI
FHWA	

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SDD 08E15 - 01

METAL APRON ENDWALLS

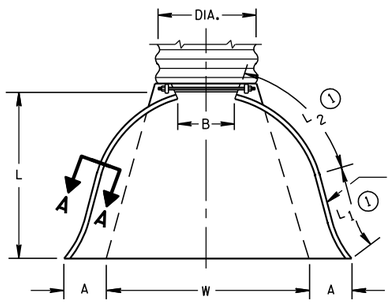
PIPE DIA. (IN.)	MIN. THICK. (Inches)		DIMENSIONS (Inches)							APPROX. SLOPE	BODY
	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")		
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 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

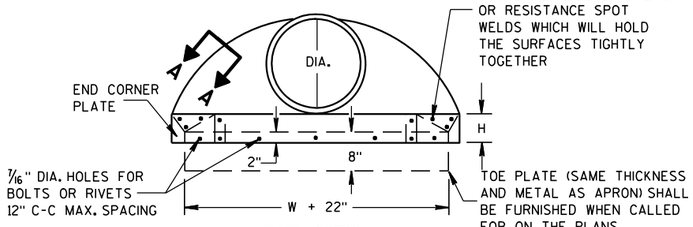
REINFORCED CONCRETE APRON ENDWALLS

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

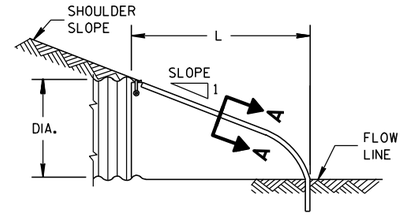
*MINIMUM
**MAXIMUM



PLAN VIEW

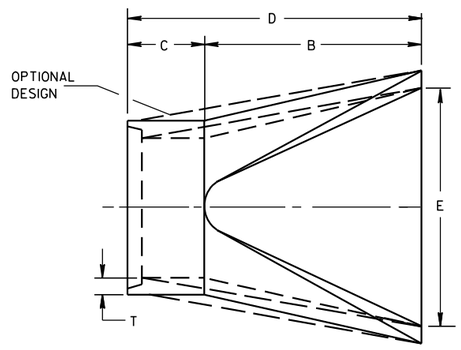


END VIEW

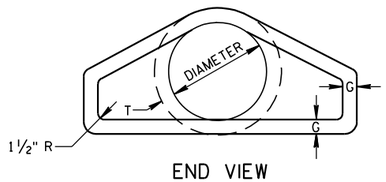


SIDE ELEVATION

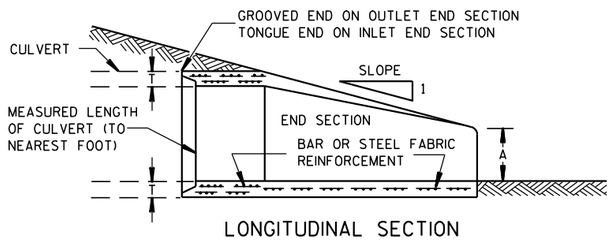
METAL ENDWALLS



PLAN

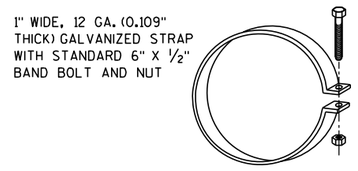


END VIEW



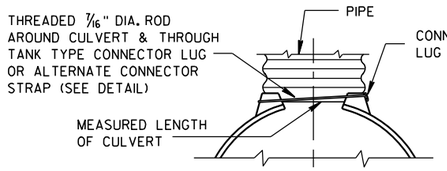
LONGITUDINAL SECTION

CONCRETE ENDWALLS

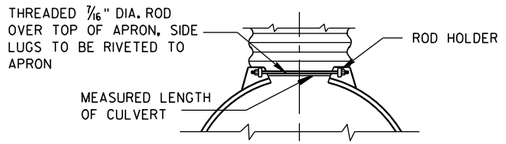


ALTERNATE FOR TYPE 1 CONNECTION

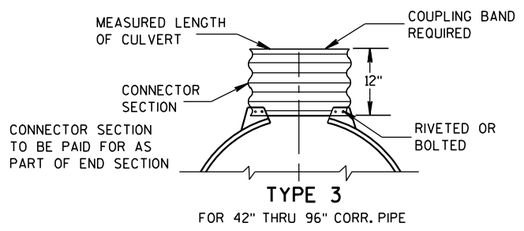
END SECTION CONNECTOR STRAP



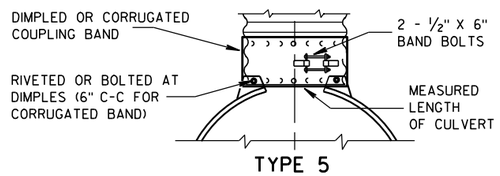
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

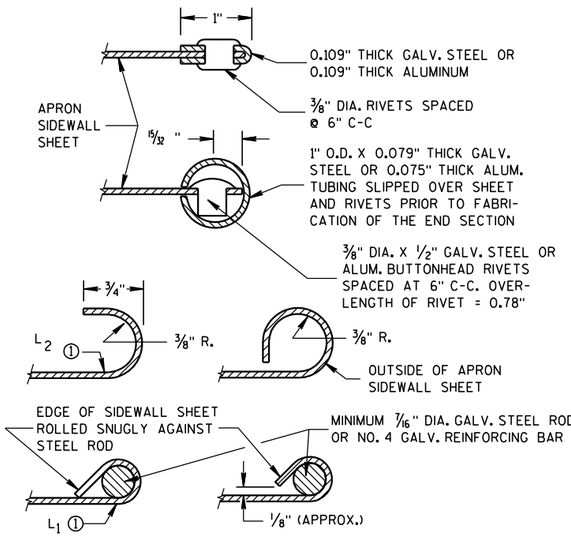
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

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

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

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

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

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

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

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

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

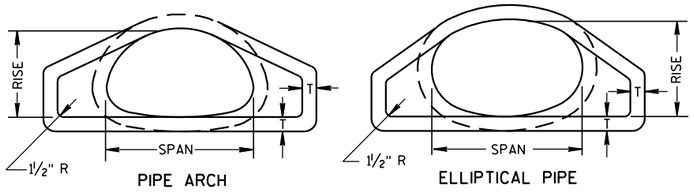
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

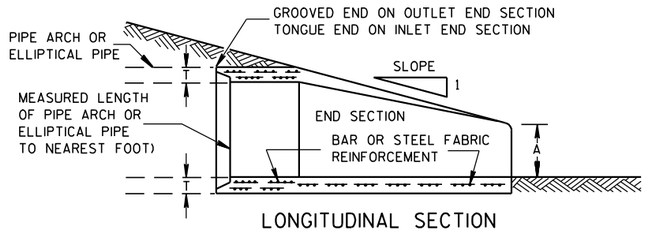
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

6
S.D.D. 8 F 1-11



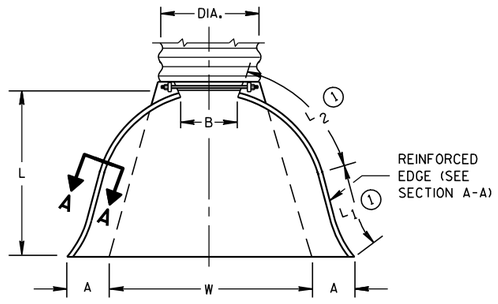
END VIEW



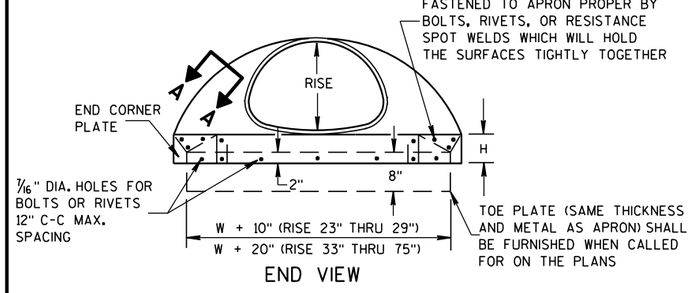
LONGITUDINAL SECTION

PLAN VIEW

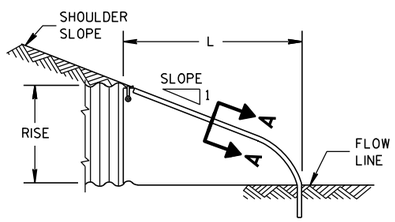
CONCRETE ENDWALLS



PLAN VIEW

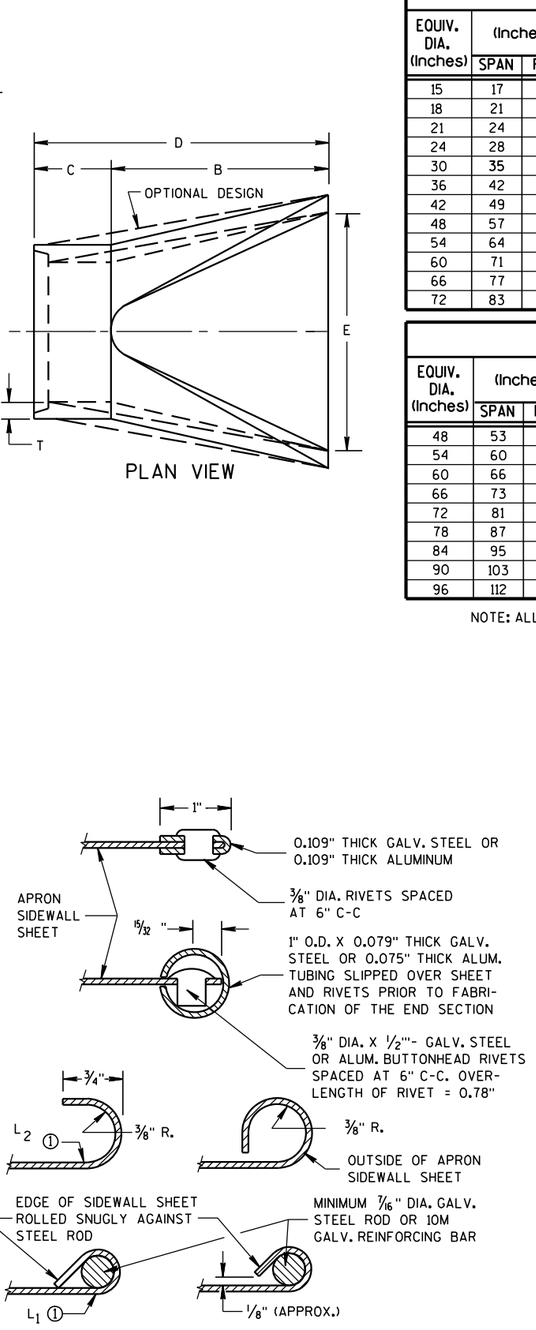


END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

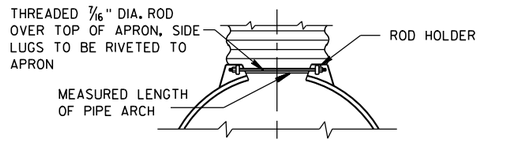
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

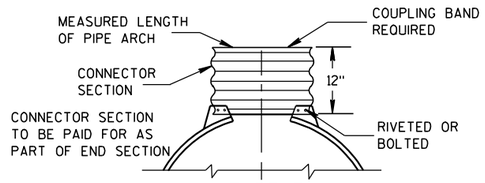
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



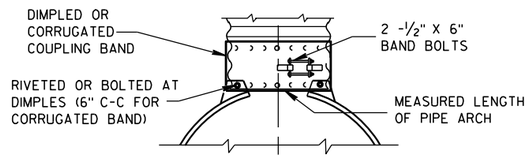
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

GENERAL NOTES

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

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

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

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

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

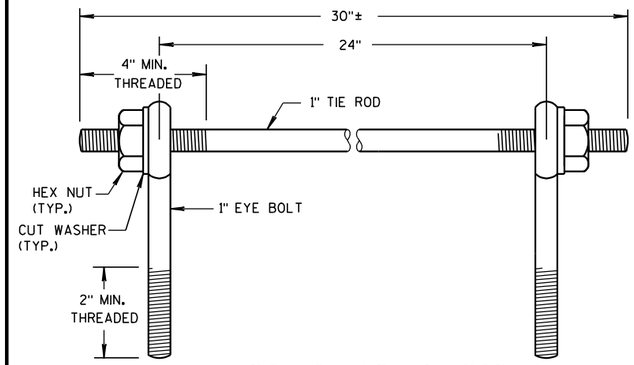
FHWA

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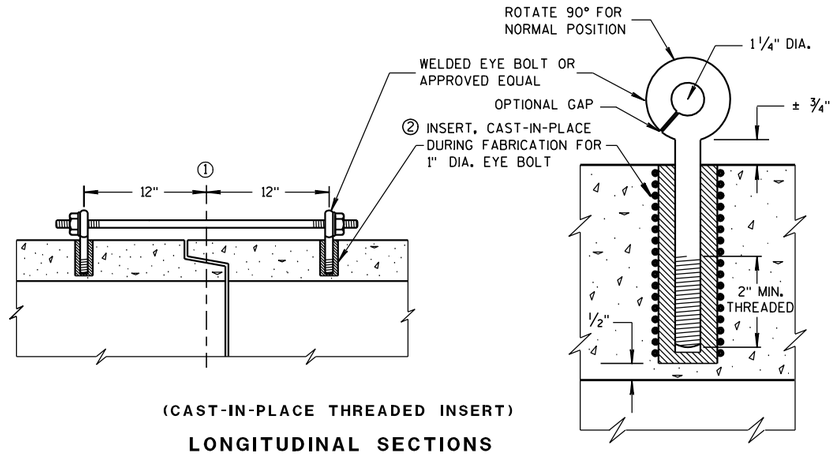
S.D.D. 8 F 2-1

6

S.D.D. 8 F 2-1



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 ℄ OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

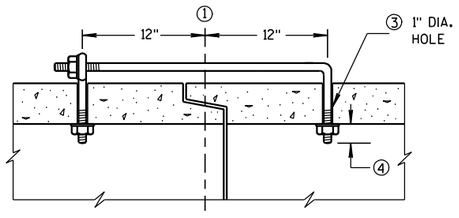
② THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

③ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ℄ OF TONGUE AND GROOVE.

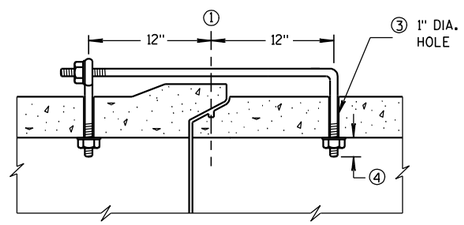
④ BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

⑤ OPENING TO BE ROD DIAMETER PLUS 1 INCH.

⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN 1/2 INCH OF THE INNER SURFACE OF THE PIPE.



(TONGUE & GROOVE PIPE)

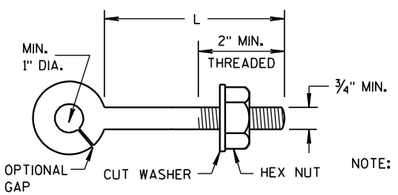


(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

EYE BOLT DIMENSION TABLE

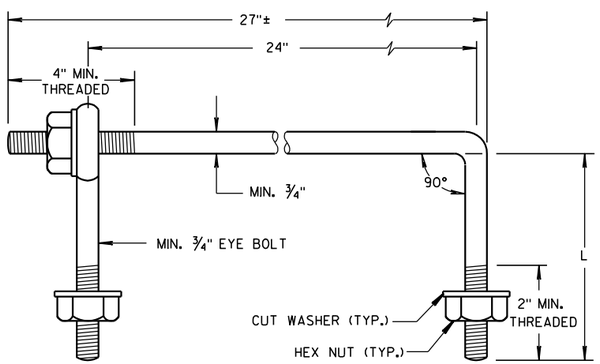
PIPE SIZE	L = LENGTH	
	TONGUE & GROOVE PIPE	MODIFIED BELL PIPE
18" TO 24"	4 1/2"	6 1/4"
30"	5"	7"
36"	5 1/2"	7"
42"	6"	
48"	6 1/2"	
60"	7 1/2"	
66"	8"	



NOTE:

EYE BOLT

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



EYE BOLT AND TIE ROD

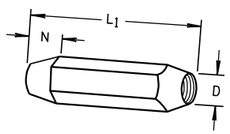
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

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

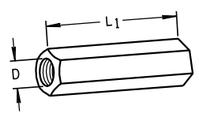
ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12-60	5/8	5/8	5	1/2
66-84	3/4	3/4	5	1/2
90-108	1	1	7	1 1/16

DIMENSIONS SHOWN ARE IN INCHES



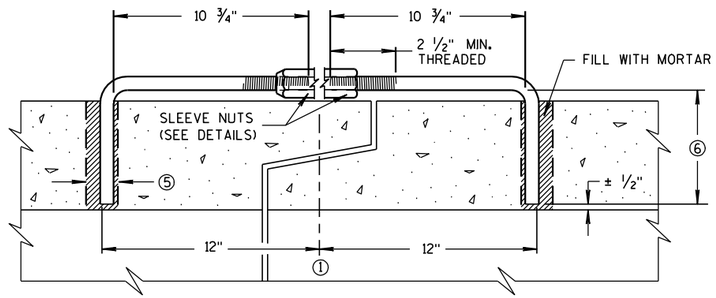
TAPERED



PLAIN

RIGHT AND LEFT THREADS

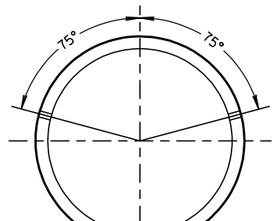
SLEEVE NUTS



LONGITUDINAL SECTION

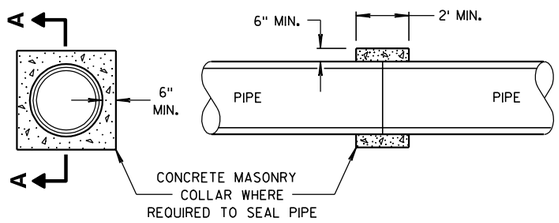
(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE)

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

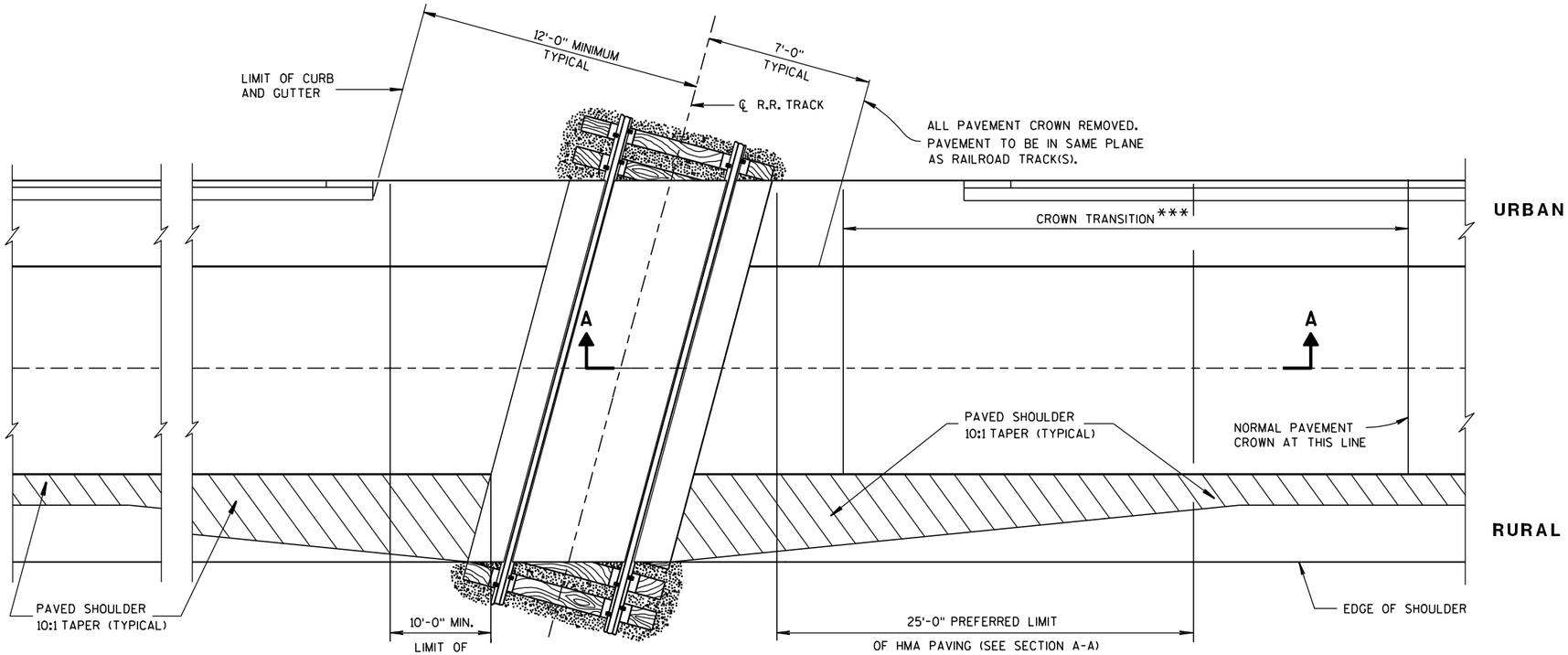
APPROVED
6/5/2012 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
143
FHWA

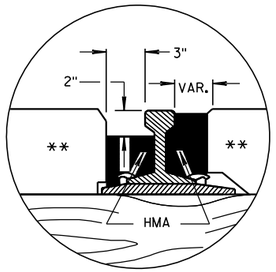
6

S.D.D. 8 F 4-7

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S.D.D. 8 F 4-7





DETAIL B

HMA FLANGEWAY AND FIELD FILLERS

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.

TIMBER, CONCRETE OR RUBBER CROSSING SURFACE MATERIAL, RAILS, TIES, BALLAST, GEOTEXTILE FABRIC AND CROSSING DRAINAGE SYSTEM BY OTHERS UNLESS OTHERWISE PROVIDED.

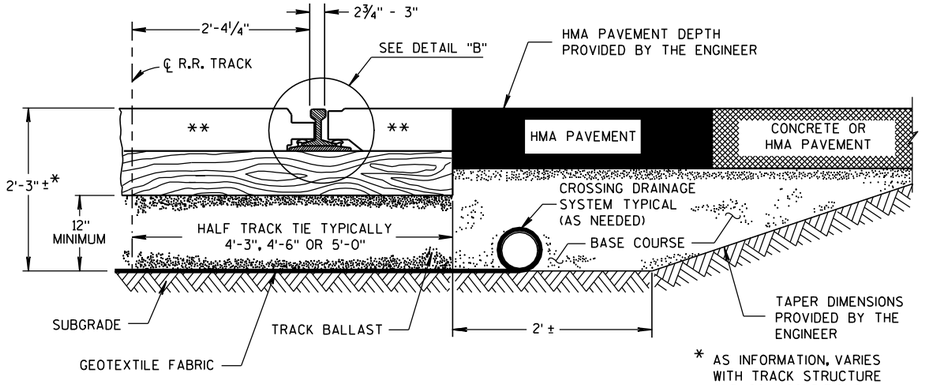
HMA PAVEMENT APPROACHES AND HMA PAVEMET CROSSING SURFACES TO BE PLACED BY CONTRACTOR UNLESS OTHERWISE PROVIDED.

HMA FLANGEWAY AND FIELD FILLERS TO BE PLACED AND THOROUGHLY HAND COMPACTED BY THE CONTRACTOR WHEN NOT PROVIDED BY OTHERS. SEE DETAIL B. HMA FILLERS NOT REQUIRED WHEN RUBBER FILLERS ARE PROVIDED.

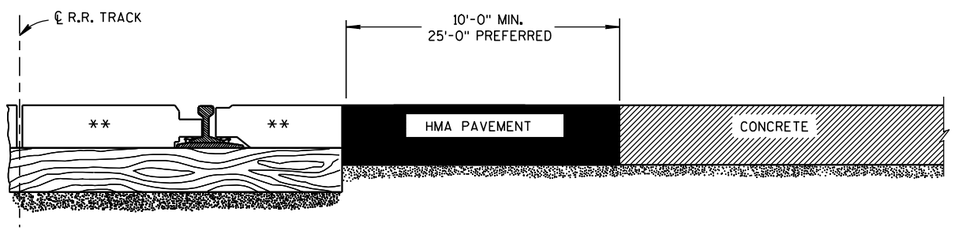
HMA PAVEMENT SHALL BE ROLLED PARALLEL TO THE TRACK.

** CROSSING SURFACE MAY BE TIMBER, RUBBER, CONCRETE, HMA PAVEMENT OR A COMBINATION OF SUCH MATERIALS.

*** CROWN TRANSITION LENGTH SHOWN ELSEWHERE IN THE PLAN.



TYPICAL HALF SECTION



SECTION A-A

CONCRETE PAVEMENT APPROACH



SECTION A-A

HMA PAVEMENT APPROACH

EXAMPLES OF PAVEMENT APPROACHES

PAVEMENT DETAILS FOR RAILROAD APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

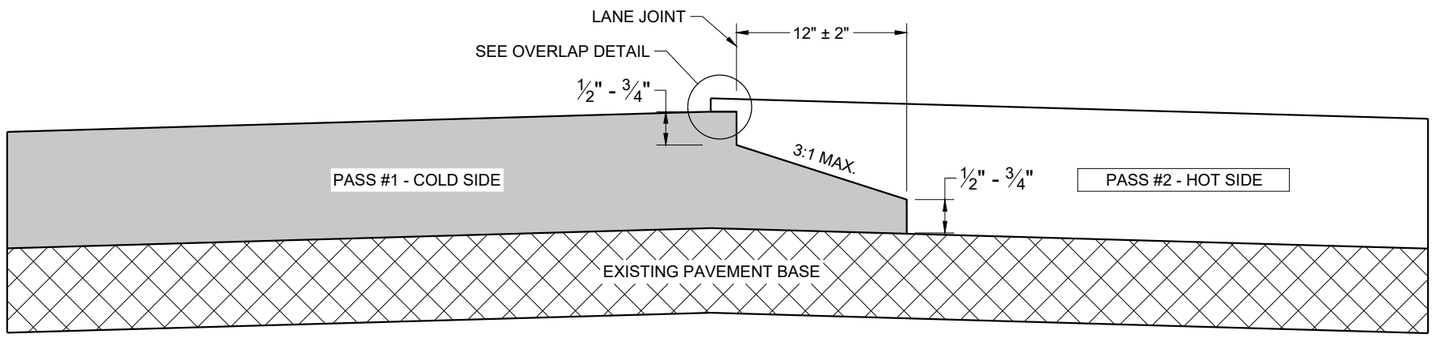
APPROVED
8-28-09 DATE
/S/ Ronald E. Adams
CHIEF, RAILROADS & HAI CTION
FHWA

6

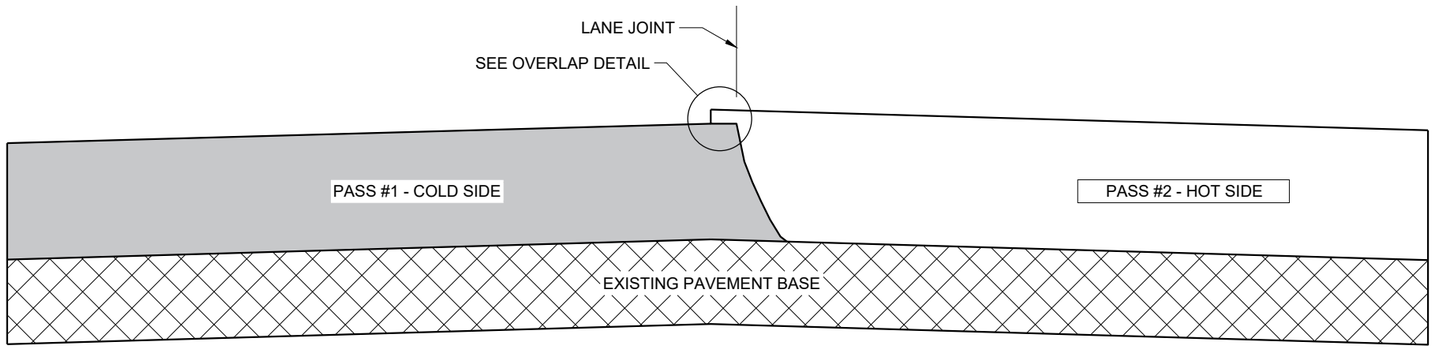
S.D.D. 13 B 1-10

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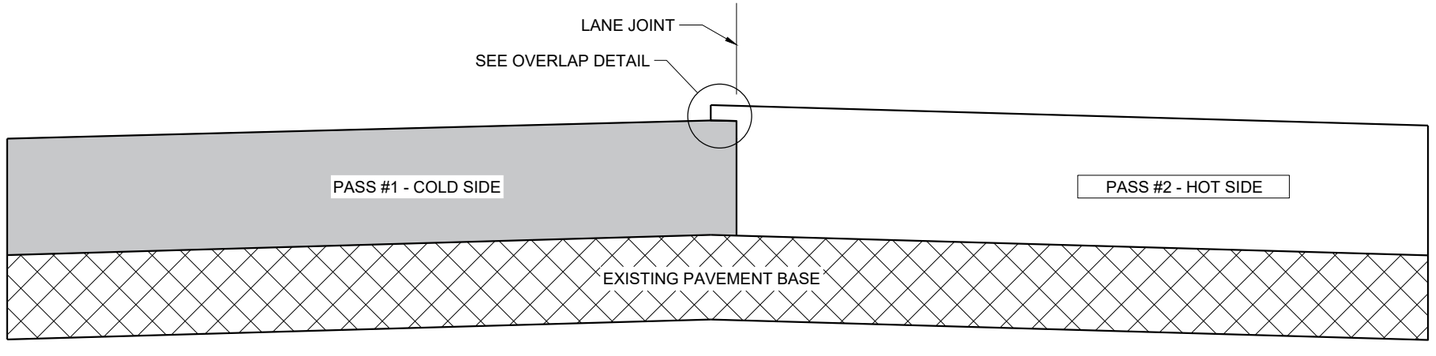
S.D.D. 13 B 1-10



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

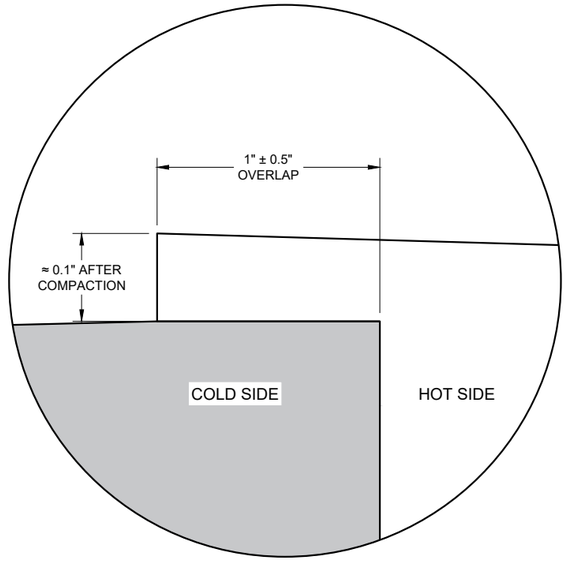
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

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

GENERAL NOTES

(1) W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. APPROVED PLASTIC BLOCKOUT DESIGNS MAY VARY FROM THIS TYPICAL DETAIL WHEN USED IN CONJUNCTION WITH STEEL POSTS.

DO NOT MIX STEEL POSTS AND WOOD POSTS IN A SINGLE INSTALLATION.

(2) USE STRUCTURAL STEEL POSTS CONFORMING TO ASTM A 36. GALVANIZED POSTS ACCORDING TO AASHTO M 111. EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGED SPELTER COATING ON GALVANIZED POSTS.

(3) INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(4) USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.

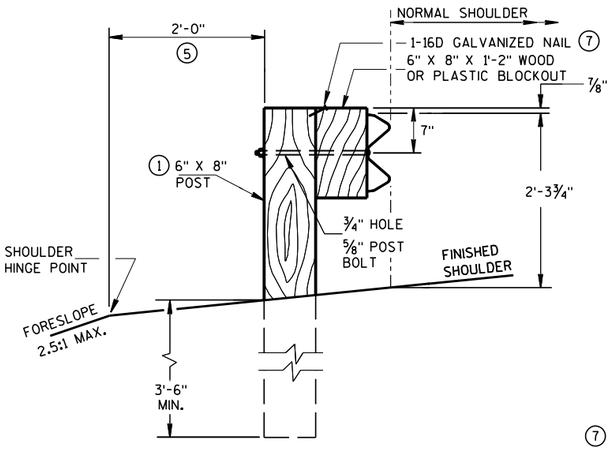
(5) IF THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING, W BEAM (LHW).

(6) IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCH DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE APPROXIMATELY 2½ INCHES DEEP. CUT THE POSTS TO LENGTH AND PLACE IN YHE HOLE. BACKFILL WITH MATERIAL EXCAVATED FROM THE HOLE AND COMPACT ADEQUATEY.

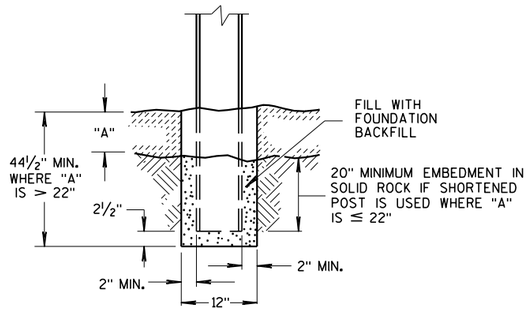
(7) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

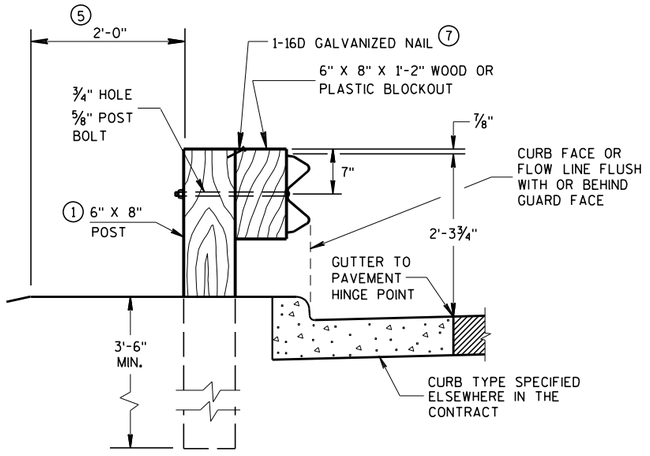
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



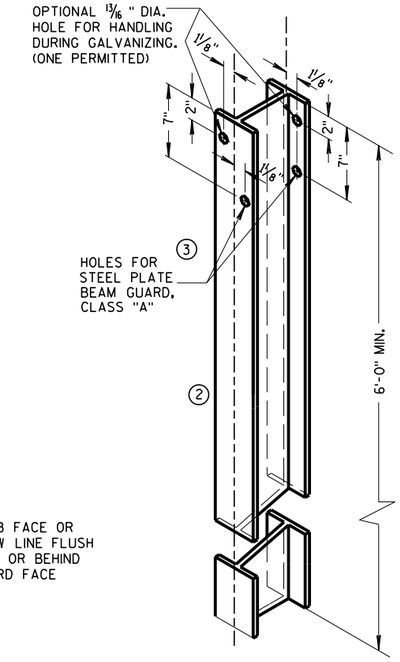
END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



END VIEW
SETTING STEEL OR WOOD POST IN ROCK (6)

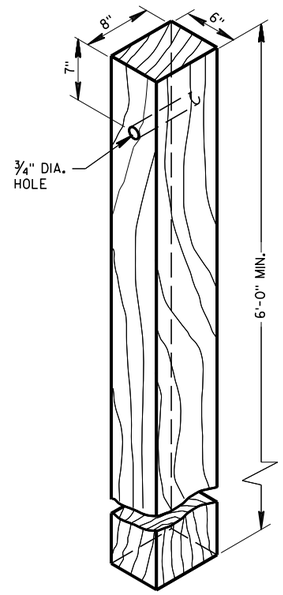


END VIEW
LOCATED ALONG A CURBED ROADWAY

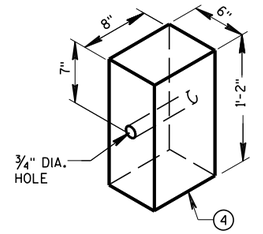


STEEL POST &
HOLE PUNCHING DETAIL
(W6 X 9) (1)

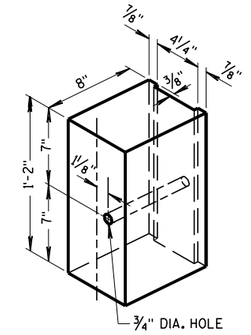
ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED



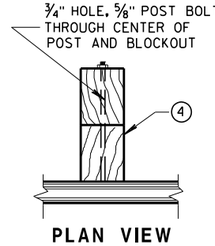
WOOD POST
(6"X8") NOMINAL



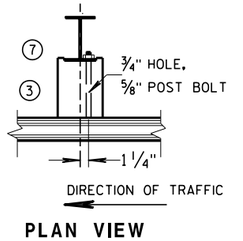
WOOD OR PLASTIC
BLOCKOUT FOR
WOOD POSTS



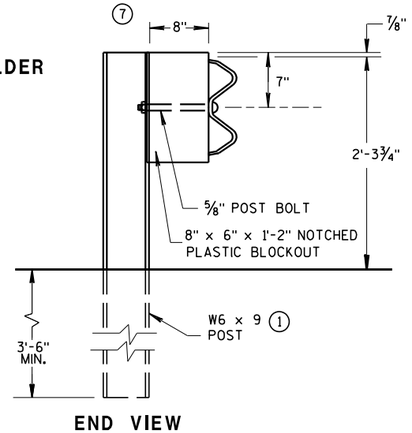
TYPICAL NOTCHED
PLASTIC BLOCKOUT
FOR STEEL POSTS (1)



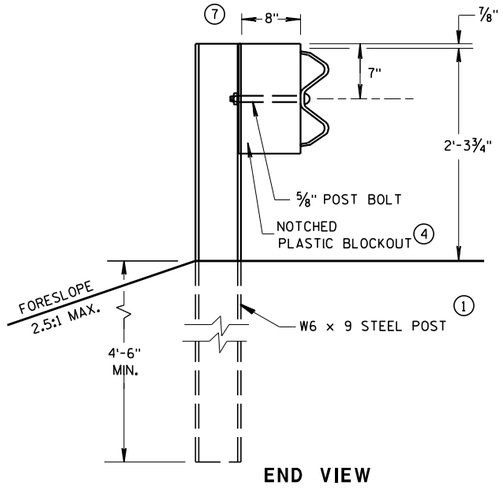
PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



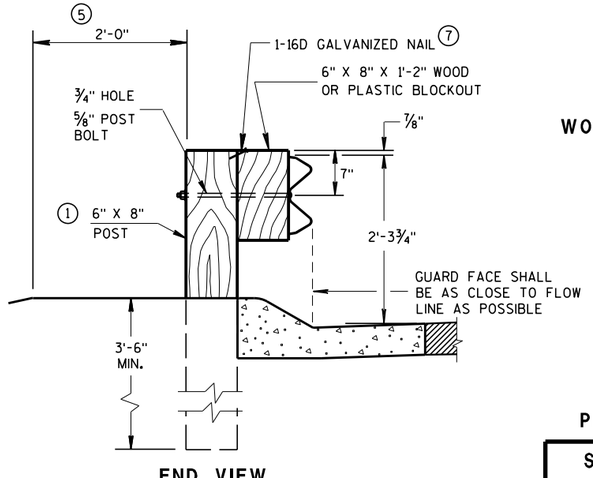
PLAN VIEW
STEEL POST, NOTCHED
PLASTIC BLOCKOUT & BEAM



END VIEW
STEEL POST & NOTCHED
PLASTIC BLOCKOUT ALTERNATIVE
STANDARD INSTALLATION



END VIEW
LONGER POST AT HALF
POST SPACING W BEAM
(LHW)



END VIEW
LOCATED ALONG A
MOUNTABLE CURBED ROADWAY

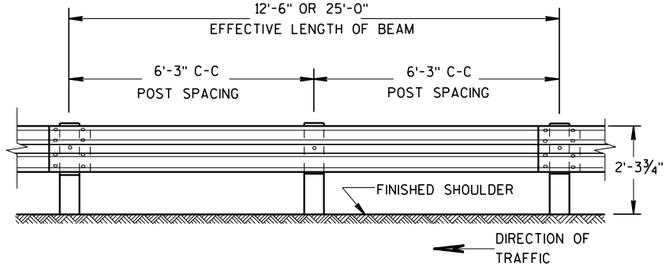
TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARD

STEEL PLATE BEAM GUARD,
CLASS "A"
INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

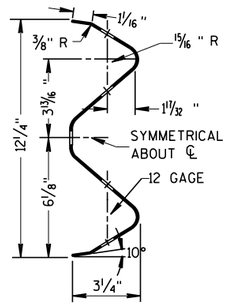
S.D.D. 14 B 15-11a

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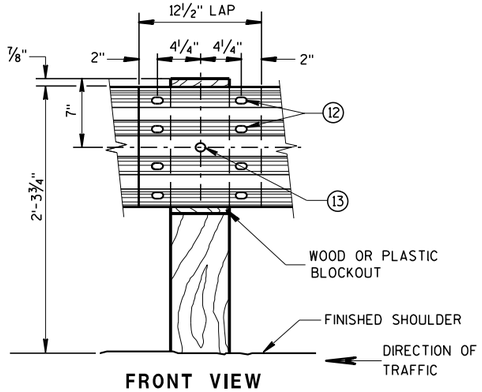


FRONT VIEW

POST SPACING STANDARD INSTALLATION



SECTION THRU W BEAM



FRONT VIEW

BEAM SPLICE AT WOOD POST AND POST MOUNTING DETAIL

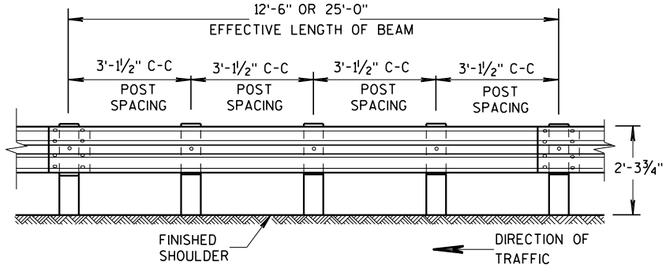
GENERAL NOTES

FURNISH GUARDRAIL DEFLECTORS FROM APPROVED PRODUCTS LIST.

(9) DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINA. START REFLECTORS AT POST #9 AND SPACE EVENLY EVERY 100 FEET (MAX.) TO THE END OF GUARDRAIL RUN, USING A MINIMUM OF 3 REFLECTORS.

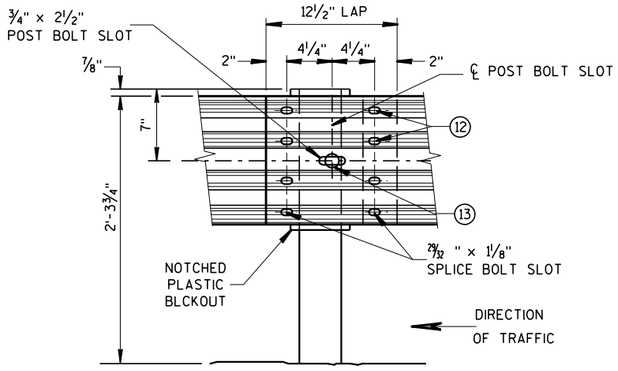
(12) 8 -⅝" ϕ X 2" BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.

(13) ⅝" DIA. BUTTON HEAD BOLT AND RECESS NUT WITH ⅝" DIA. F844 FLAT WASHER UNDER NUT.



FRONT VIEW

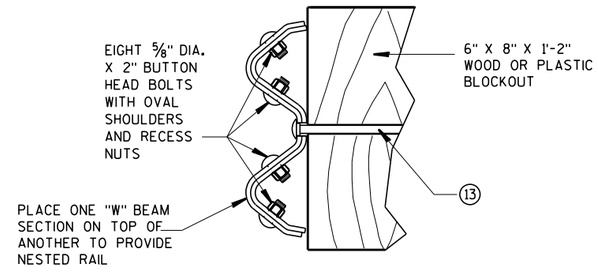
POST SPACING FOR LONGER POST AT HALF POST SPACING W BEAM (LHW)



FRONT VIEW

BEAM SPLICE AT STEEL POST

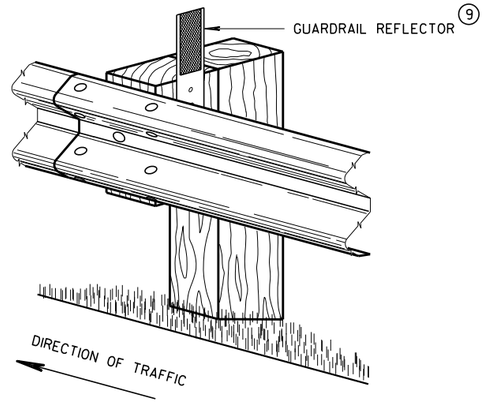
TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD



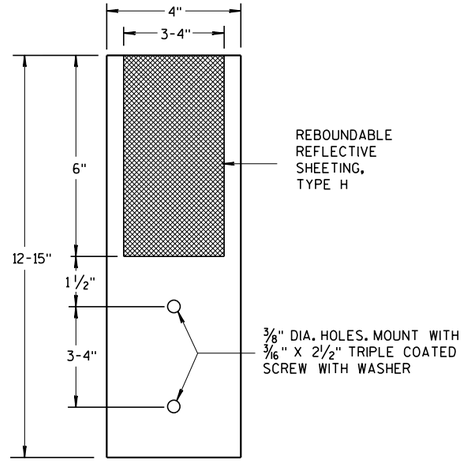
NESTED W BEAM (NW)

USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW)

* USE DOUBLE SIDED WHITE GUADRAIL REFLECTORS ON ROADWAYS WITH BI-DIRECTIONAL TRAFFIC (NO MEDIAN). USE SINGLE SIDED WHITE (RIGHT SIDE) AND SINGLE SIDED YELLOW (LEFT SIDE) ON ROADWAYS WITH MEDIAN SEPARATION.



4" X 12" GUARDRAIL REFLECTOR DETAIL AND TYPICAL INSTALLATION *



4"x 12" GUARDRAIL REFLECTOR

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

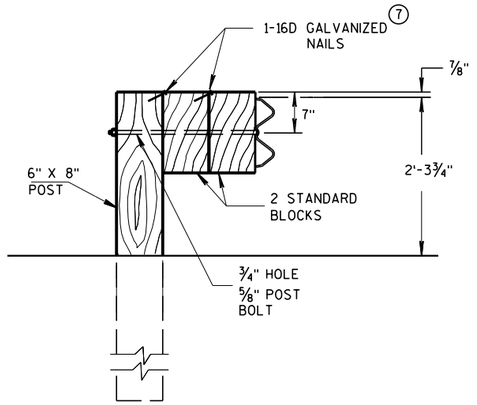
STATE OF WISCO 147
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 14 B 15-11b

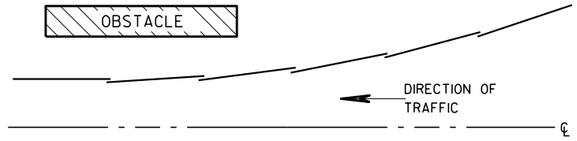
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S.D.D. 14 B 15-11b

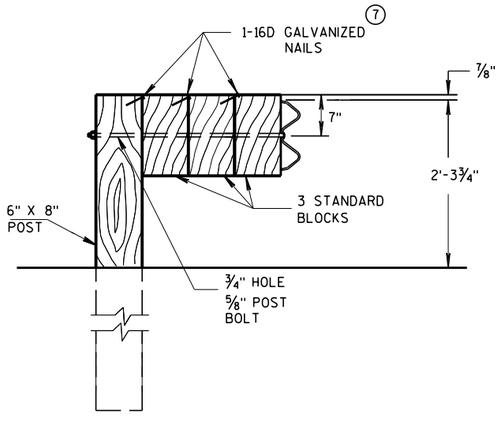


DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS WITHIN A BARRIER RUN IS UNLIMITED

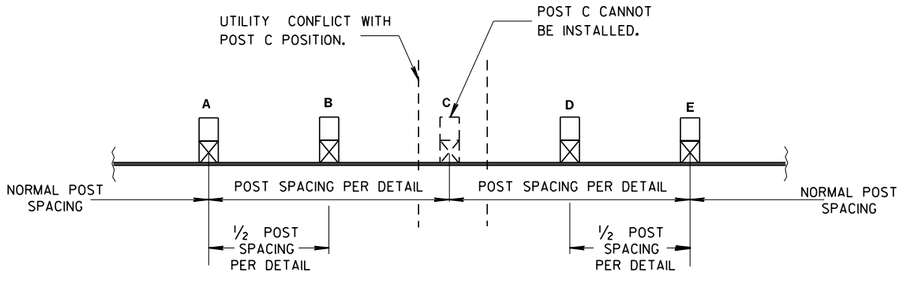


PLAN VIEW
BEAM LAPPING DETAIL



DETAIL FOR TRIPLE BLOCKS

TRIPLE BLOCK DETAIL IS LIMITED TO ONE LOCATION WITHIN A BEAM GUARD RUN.



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

NOTES: USE DOUBLE OR TRIPLE BLOCKS WHEN UNDERGROUND OBSTACLES PREVENT THE POST FROM BEING INSTALLED.

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

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

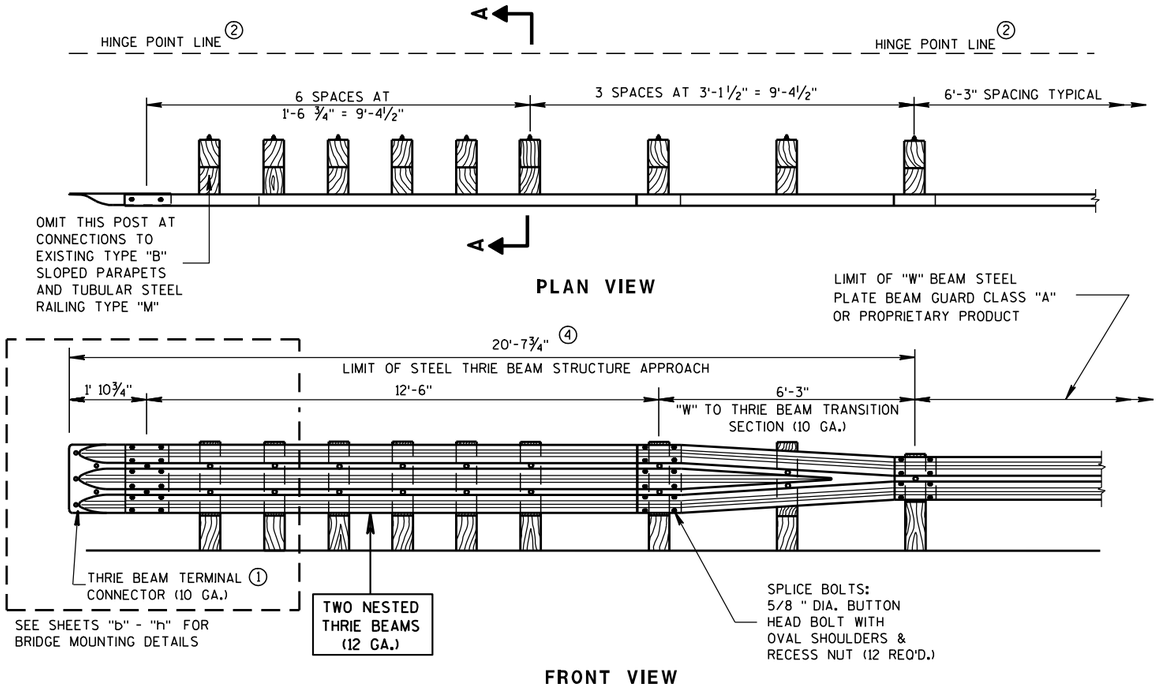
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERVISOR

FHWA

6
S.D.D. 14 B 15-11c



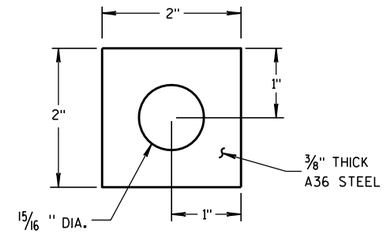


PLATE WASHER DETAIL

GENERAL NOTES

BOLT THE THRIE BEAM TO ALL POSTS AND BLOCKOUTS. DRILL OR PUNCH BOLT HOLES IN THE BEAM IF THE POST SPACING IS LESS THAN 6'-3".

DO NOT USE STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS IN THE STEEL THRIE BEAM STRUCTURAL APPROACH AND THE TRANSITION SECTION OF STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATIONS.

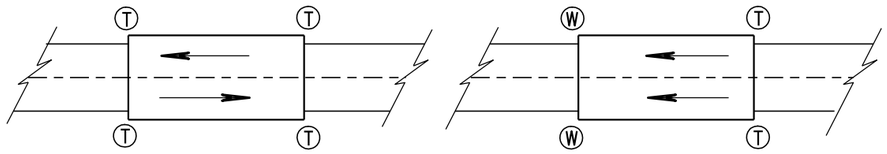
IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2 1/2" , AND 12" DIAMETER AROUND POST. SEE 14B15 FOR MORE DETAILS.

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

② MINIMUM EMBEDMENT SHALL BE 4'-0". WHERE EXISTING CONDITIONS DO NOT PERMIT THE APPROPRIATE EARTHWORK SHOWN ON THE PLAN TYPICAL SECTIONS OR DETAILS, THE ENGINEER MAY ALLOW THE REDUCTION OR ELIMINATION OF THE 2 FOOT DISTANCE TO THE HINGE POINT. OTHERWISE BUILD AS THE PLAN SHOWS OR AS THE ENGINEER DIRECTS. IF THE 2 FOOT DISTANCE TO THE HINGE POINT IS REDUCED OR ELIMINATED, INCREASE THE POST EMBEDMENT DEPTH TO 4'-6" OR MORE.

③ POST BOLTS ARE 5/8" DIAMETER ASTM A307 BUTTON HEAD BOLT. A POST BOLT REQUIRES A 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX AND A 5/8" DIAMETER F844 FLAT WASHER. LENGTH OF POST BOLT MAY VARY.

④ ALL WOOD POSTS MUST BE 6" X 8" AND AT LEAST 7'-0" LONG.



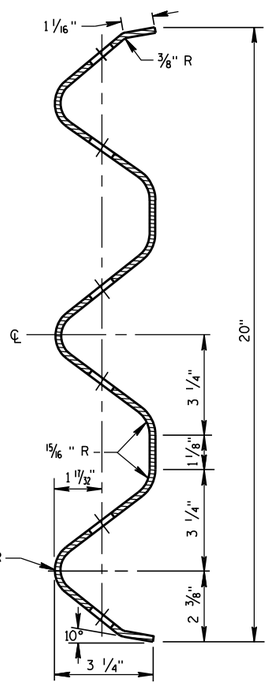
TWO WAY TRAFFIC

ONE WAY TRAFFIC

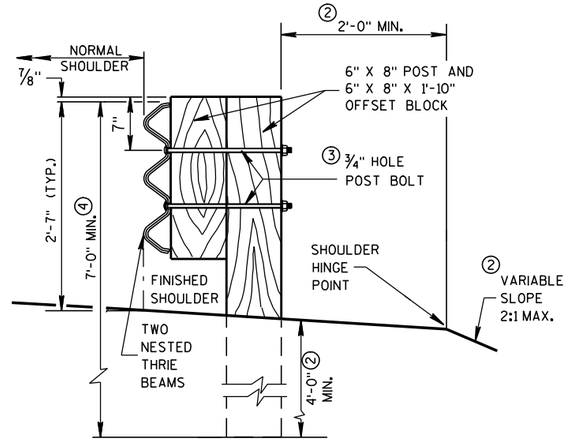
T THRIE BEAM CONNECTION

W W-BEAM CONNECTION WHEN REQUIRED

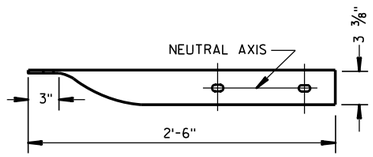
TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

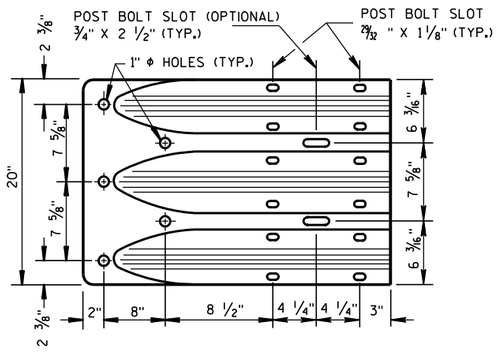


SECTION THRU THRIE BEAM RAIL ELEMENT

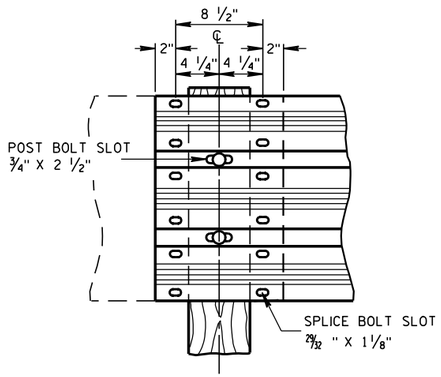


SECTION A-A





THRIE BEAM TERMINAL CONNECTOR



THRIE BEAM SPLICE

STEEL THRIE BEAM STRUCTURE APPROACH

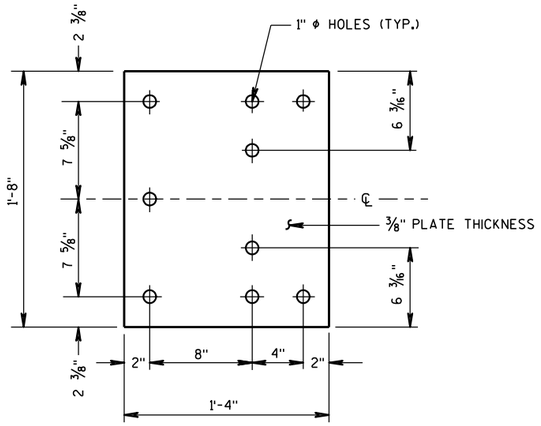
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

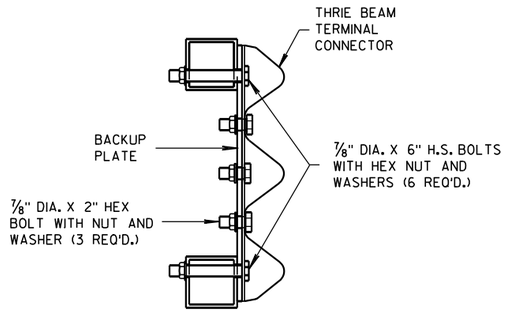
8/31/2012
DATE

/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA



BACK-UP PLATE DETAIL



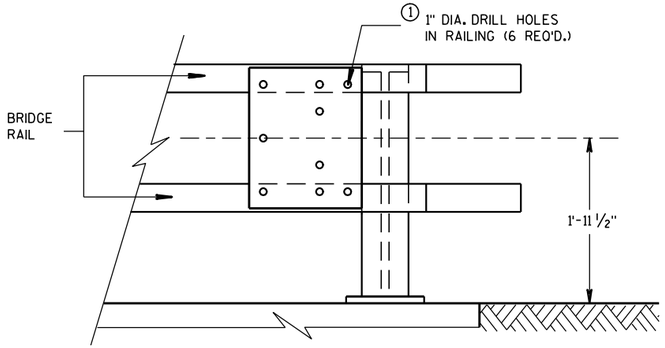
SECTION G-G

GENERAL NOTES

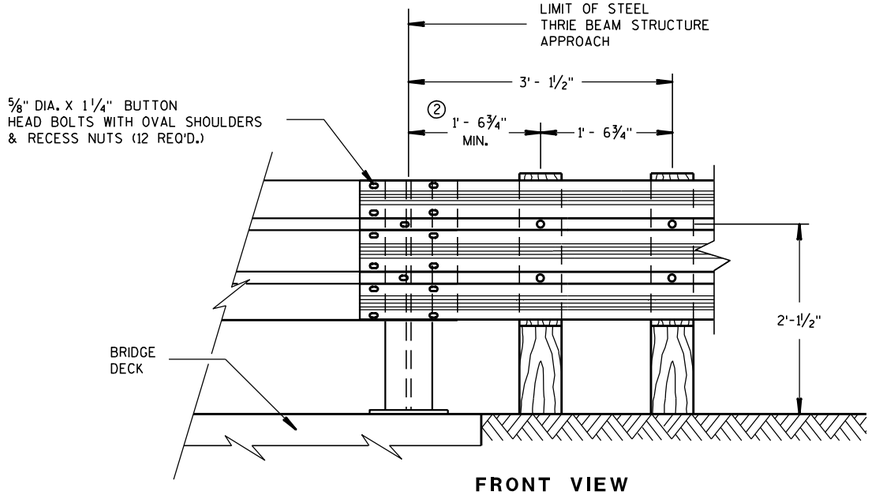
BOLTS, PLATES, NUTS AND WASHERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A 325 AND BE GALVANIZED IN ACCORDANCE WITH ASTM A 153.

① DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

② VARY THIS DIMENSION DEPENDING ON ABUTMENT TYPE, WINGWALL DETAILS, AND ANGLE OF SKEW. PLACE THE FIRST WOOD POST OFF THE BRIDGE SHALL AS CLOSE AS FEASIBLE TO THE STEEL END POST.

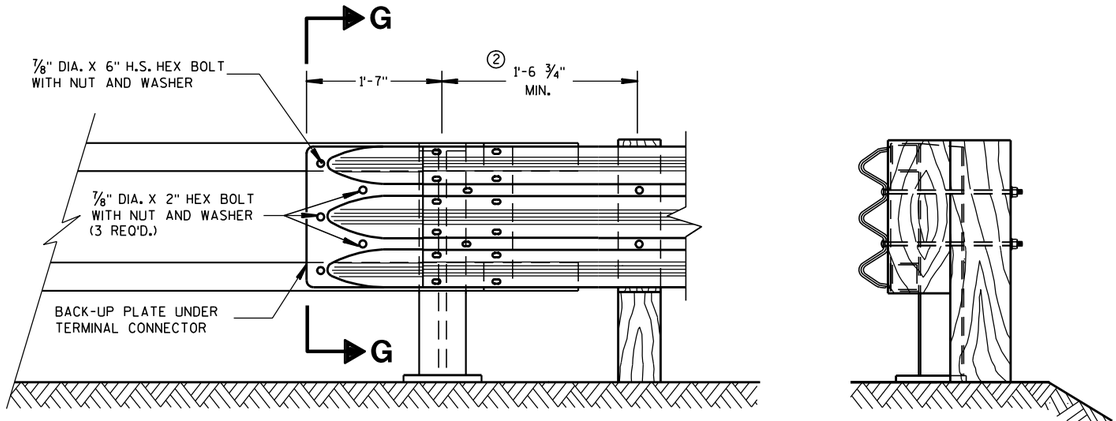


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING



FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW

END VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

STEEL THRIE BEAM STRUCTURE APPROACH, CONNECTION TO BRIDGE RAILING TYPES "F" AND "W"

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8/31/2012
DATE

/S/ Jerry H ...
ROADWAY STANDARDS ENGINEER

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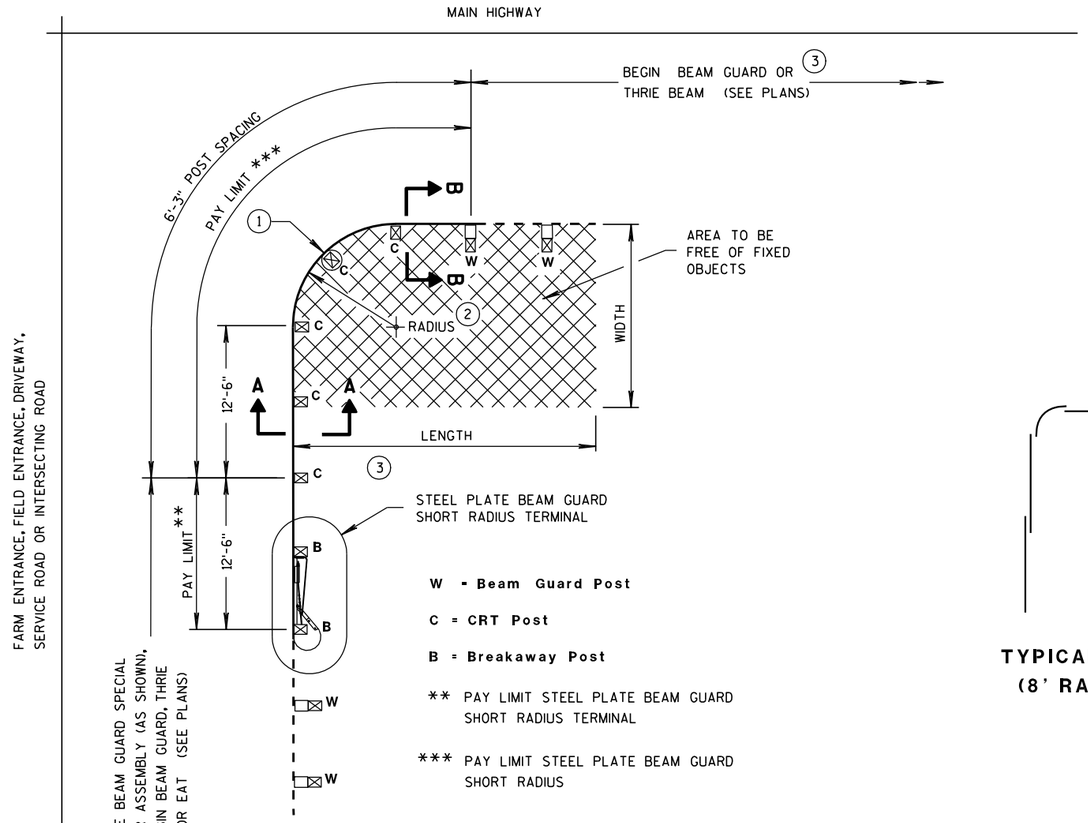
FHWA

6

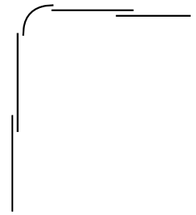
S.D.D. 14 B 20-11e

6

S.D.D. 14 B 20-11e



TYPICAL LAYOUT
(8' RADIUS SHOWN)



TYPICAL LAP SPLICES
(8' RADIUS SHOWN)

GENERAL NOTES

ALL ANGLES, CHANNELS, AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36 AND THE STRUCTURAL TUBING SHALL CONFORM TO ASTM A 500. WELDING SHALL MEET THE CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE ANSI/AWS D1.1. ALL STRUCTURAL STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123. PUNCHING, DRILLING, CUTTING, OR WELDING WILL NOT BE PERMITTED AFTER GALVANIZING. FURNISH AND INSTALL HARDWARE PER STANDARD SPECIFICATION 614.2. UNLESS NOTED OTHERWISE.

SHOP BEND CURVED RAIL SECTIONS.

SEE STANDARD DETAIL DRAWING 14 B 15 FOR OTHER DETAIL.

(1) ON THE 8 FOOT RADIUS INSTALLATION, DO NOT INSTALL BUTTON HEAD BOLT AT CENTER CRT POST.

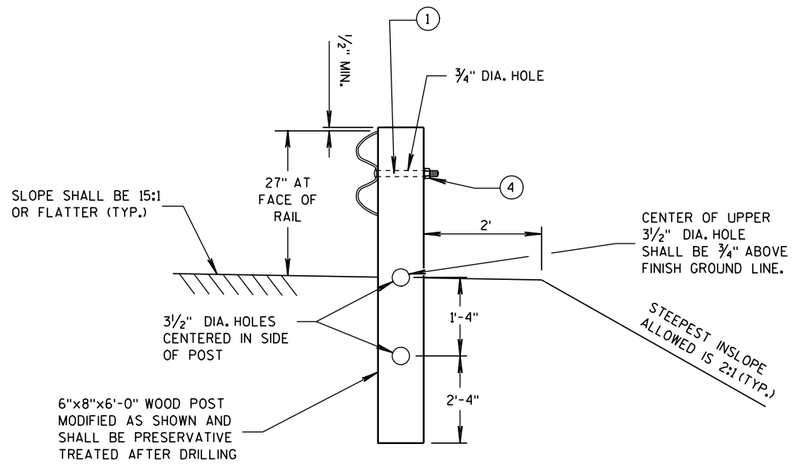
(2) RADIUS FROM 8' - 36'. SEE PLAN.

(3) HEIGHT TRANSITION MAY BE REQUIRED. SEE PLAN OR PROJECT ENGINEER.

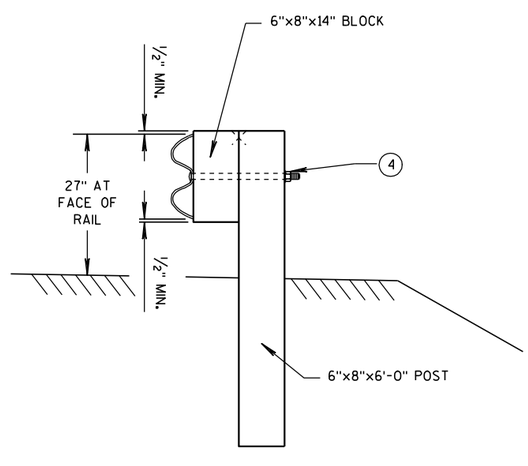
(4) 5/8" ø X 1'-6" BUTTON HEAD BOLT AND RECESS NUT WITH ROUND WASHER UNDER NUT.

RADIUS	NUMBER OF CRT POSTS	*NUMBER AND LENGTH OF CURVED RAILS	REQUIRED AREA FREE OF FIXED OBJECTS (LENGTH x WIDTH)
8'	5	1 at 12.5'	25' x 15'
16'	7	1 at 25'	30' x 15'
24'	9	1 at 25' and 1 at 12.5'	40' x 20'
32'	11	2 at 25'	50' x 20'

* THE NUMBER OF RAILS IS BASED ON A 90° INTERSECTION. SEE PLAN FOR NON 90° INSTALLATIONS.



SECTION A-A
(CRT POST)



SECTION B-B
(BEAM GUARD POST)

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

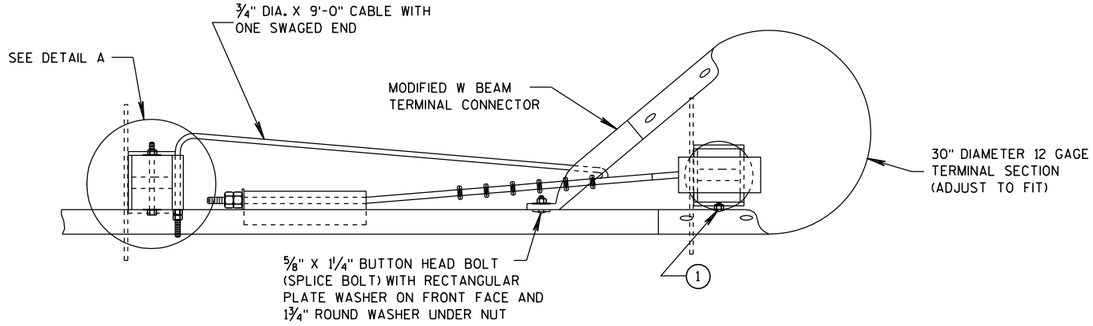
STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	151

6

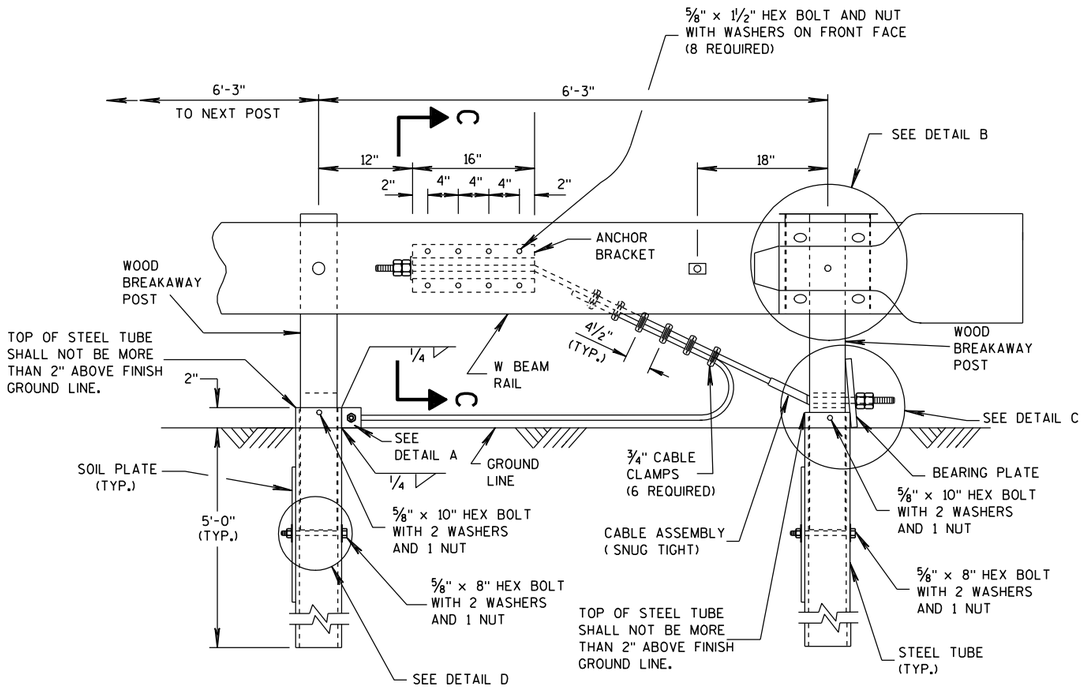
S.D.D. 14 B 27-1a

6

S.D.D. 14 B 27-1a



PLAN VIEW



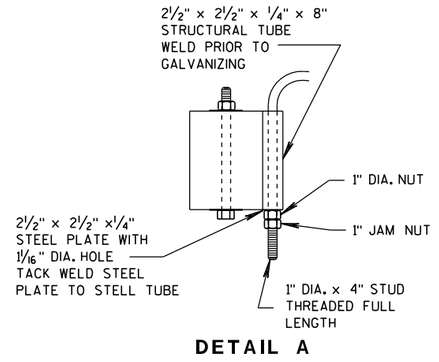
ELEVATION VIEW

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

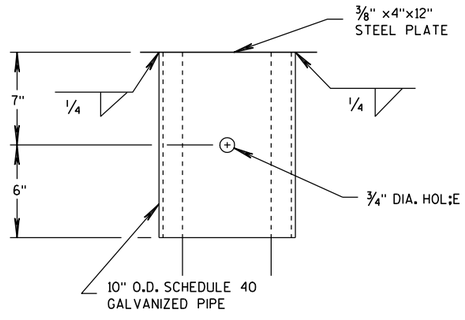
GENERAL NOTES

(1) ATTACH W BEAM RAIL TO THE STEEL PIPE WITH A ⅝" X 2" BUTTON HEAD BOLT WITH NO WASHER. CONNECTION TO THE POST IS NOT REQUIRED.

INSTALL GALVANIZED ¾" (6X19) PREFORMED WIRE OR INDEPENDENT WIRE ROPE CORE CONFORMING TO AASHTO M 30. MANUFACTURE WIRE ROPE OUT OF IMPROVED PLOW STEEL WITH A MINIMUM BREAKING STRENGTH OF 42,800 PSI.



DETAIL A



DETAIL B

(BEAM GUARD AND TERMINAL SECTION NOT SHOWN)

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

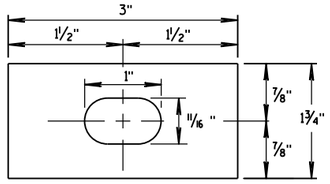
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

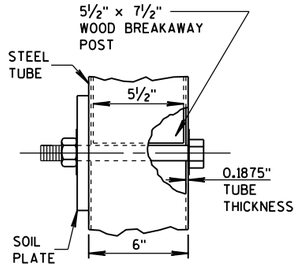
S.D.D. 14 B 27-1b

6

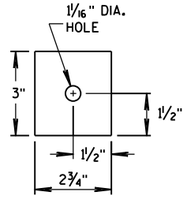
S.D.D. 14 B 27-1b



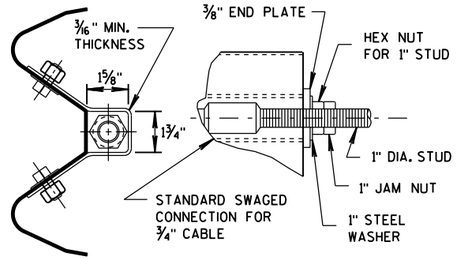
RECTANGULAR PLATE WASHER



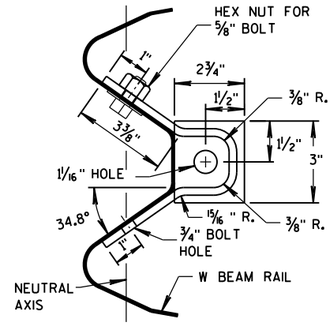
DETAIL D



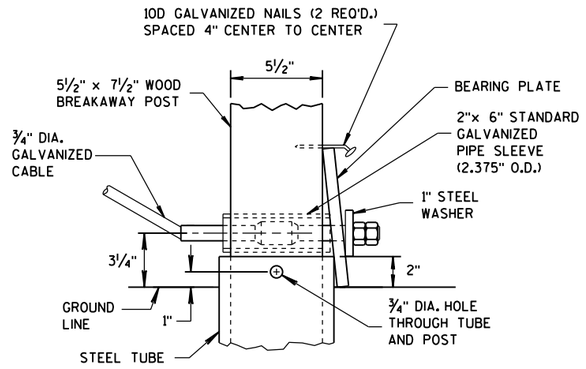
END PLATE



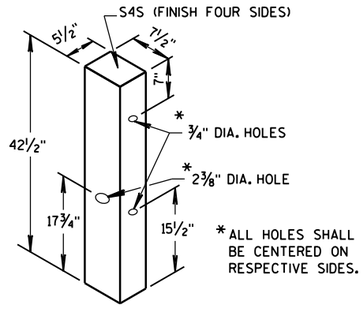
SECTION C-C
(END PLATE REMOVED)



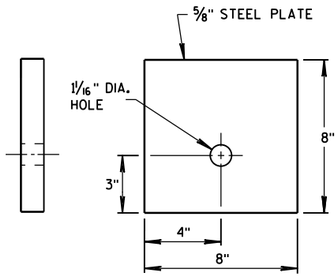
ANCHOR BRACKET



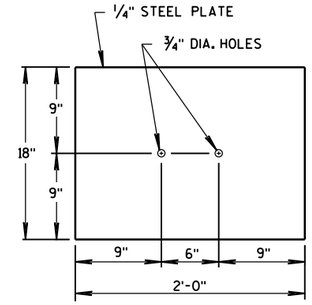
DETAIL C



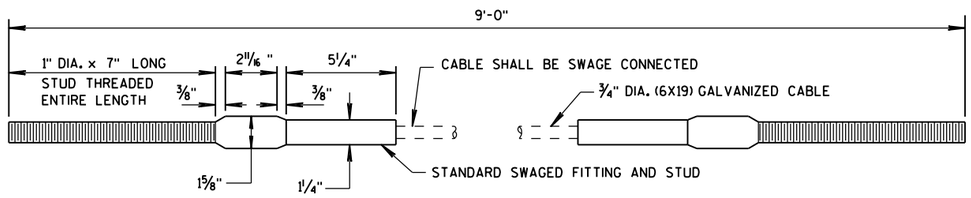
WOOD BREAKAWAY POST



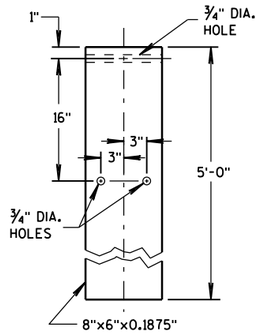
BEARING PLATE



SOIL PLATE



CABLE ASSEMBLY



STEEL TUBE

STEEL PLATE BEAM GUARD
SHORT RADIUS TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

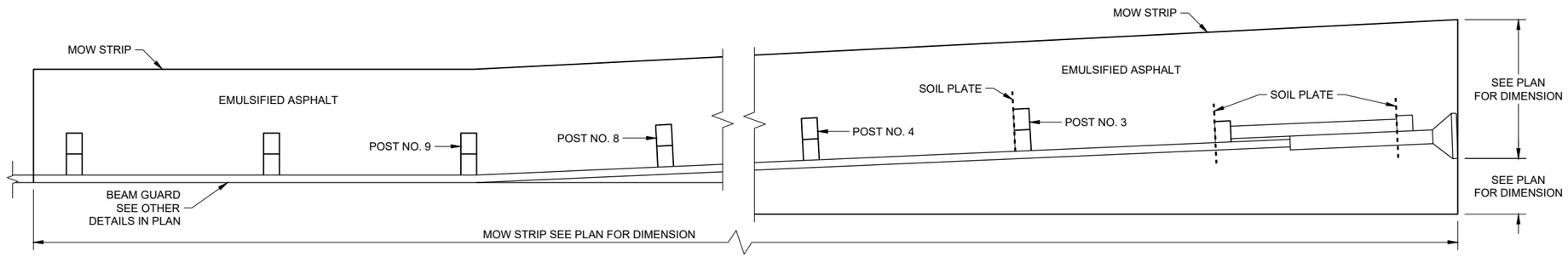
APPROVED
12/18/08 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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S.D.D. 14 B 27-1c

6

S.D.D. 14 B 27-1c



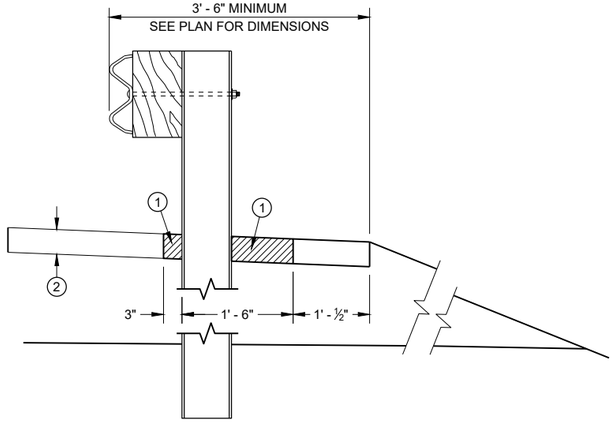
PLAN VIEW

MOW STRIP LAYOUT FOR ENERGY ABSORBING TERMINAL

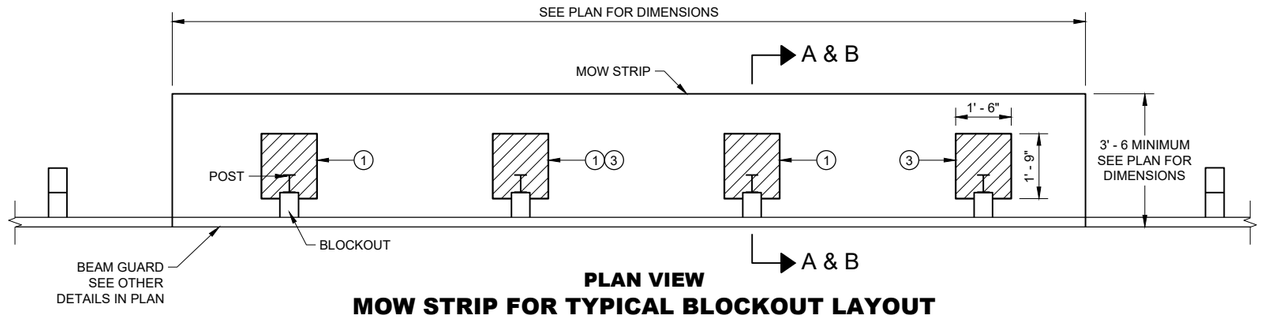
GENERAL NOTES

ONLY USE STEEL POSTS IN CONCRETE AND ASPHALT MOW STRIPS.

1. CONTROLLED LOW-STRENGTH BACKFILL OR EMULSIFIED ASPHALT.
2. DEPTH OF MOW STRIP:
   ASPHALT - 4"
   CONCRETE - 4"
   EMULSIFIED ASPHALT - 1" OR LESS
3. FOR EMULSIFIED ASPHALT, MOW STRIP STRIP LEAVE OUTS NOT REQUIRED. (TYPICAL FOR ALL POSTS)

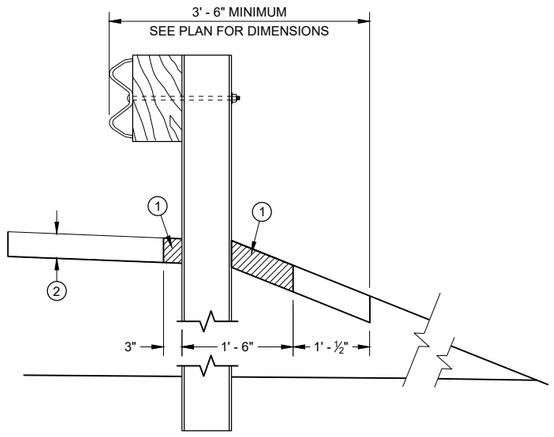


SECTION A - A

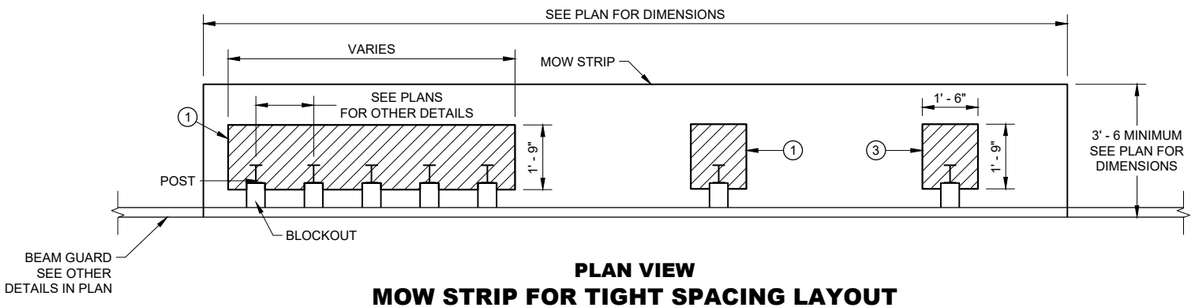


PLAN VIEW

MOW STRIP FOR TYPICAL BLOCKOUT LAYOUT

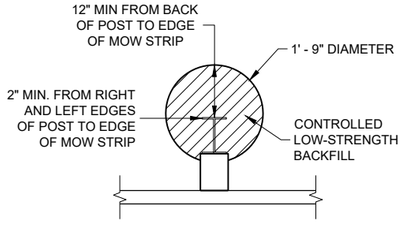


SECTION B - B

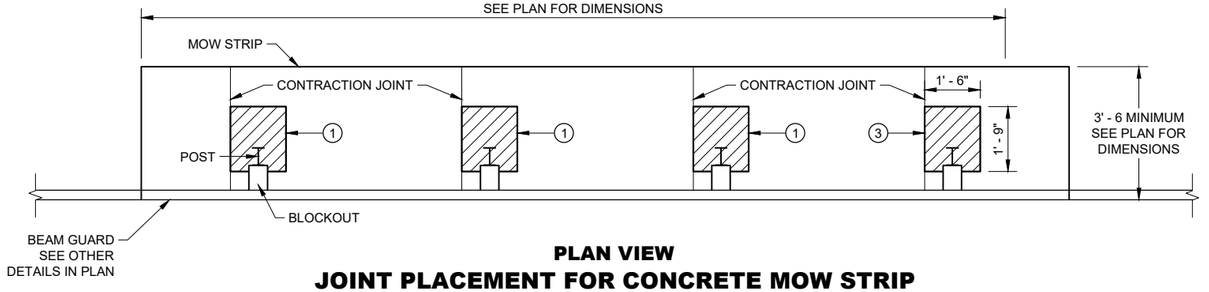


PLAN VIEW

MOW STRIP FOR TIGHT SPACING LAYOUT



ALTERNATIVE HMA MOW STRIP DESIGN



PLAN VIEW

JOINT PLACEMENT FOR CONCRETE MOW STRIP

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B28 - 04a

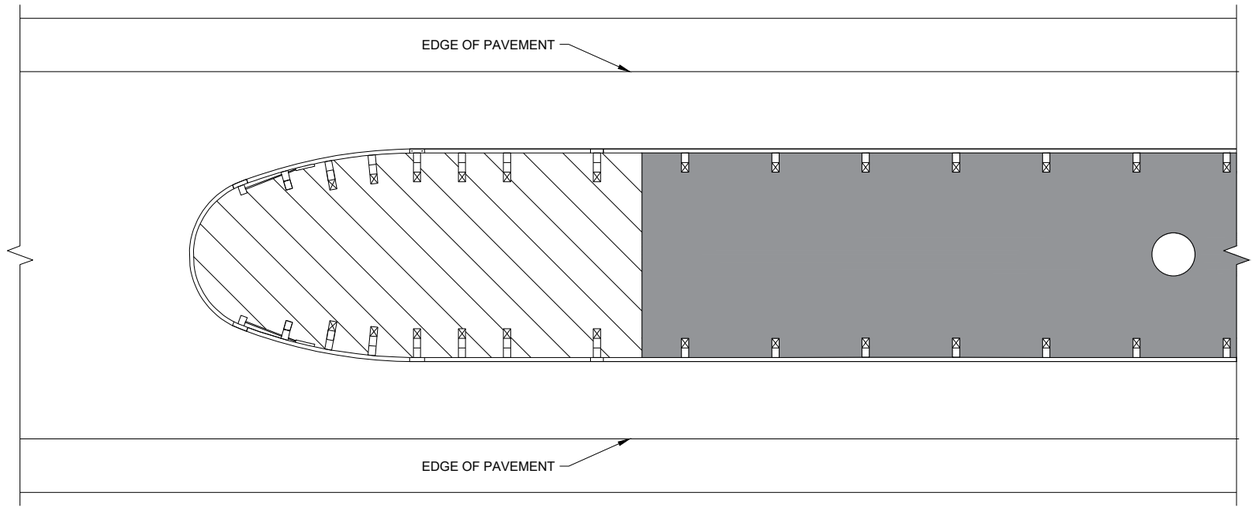
LEGEND

CONCRETE, ASPHALT, OR EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

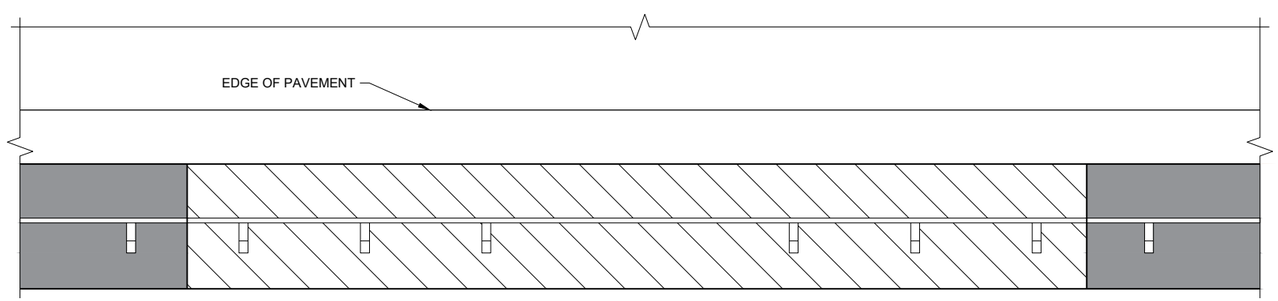
EMULSIFIED ASPHALT MOW STRIP (SEE OTHER DETAILS)

GENERAL NOTES

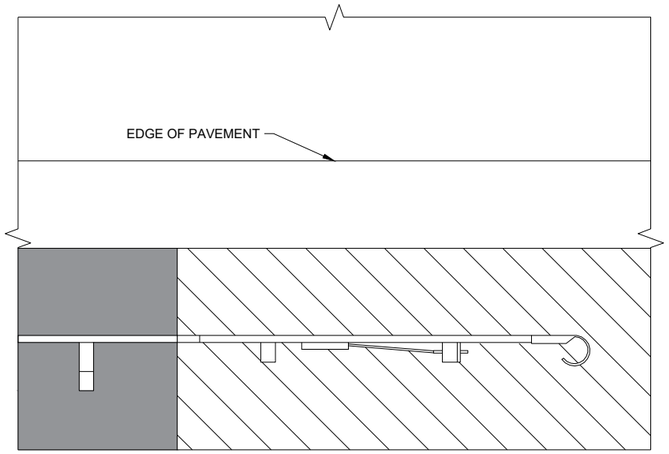
EXISTING THRIE BEAM BULLNOSES MAY HAVE WOOD POSTS. NEW THRIE BEAM BULLNOSE WILL HAVE STEEL POSTS.



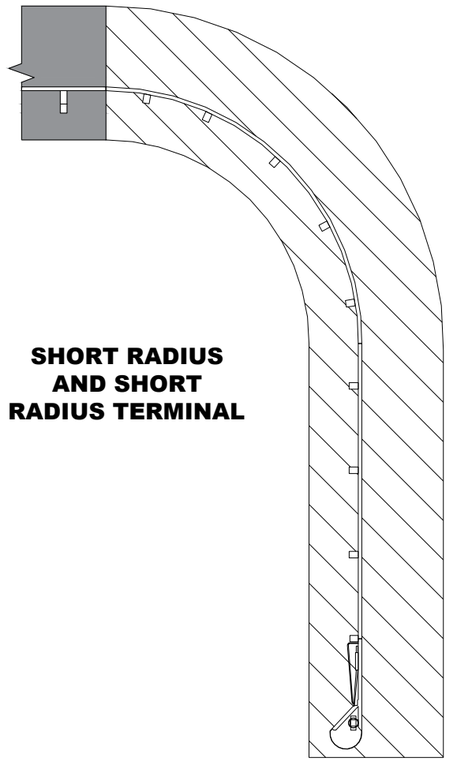
THRIE BEAM BULLNOSE



LONG - SPAN



TYPE 2 TERMINAL



SHORT RADIUS AND SHORT RADIUS TERMINAL

GUARDRAIL MOW STRIP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

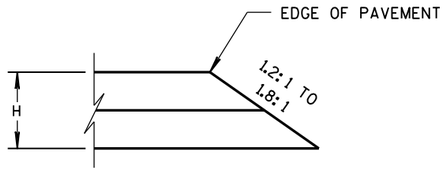
FHWA

6

SDD 14B28 - 04b

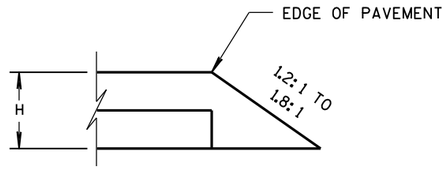
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SDD 14B28 - 04b



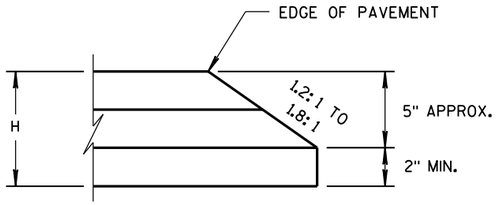
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



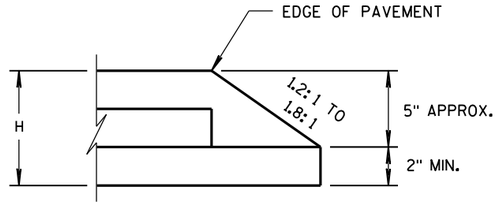
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

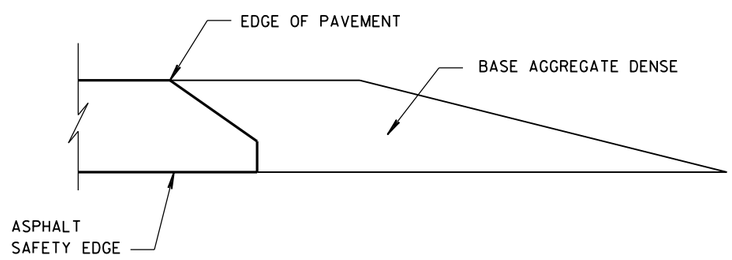
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA

S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

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

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

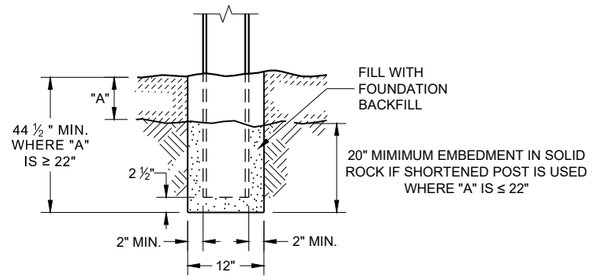
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL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

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

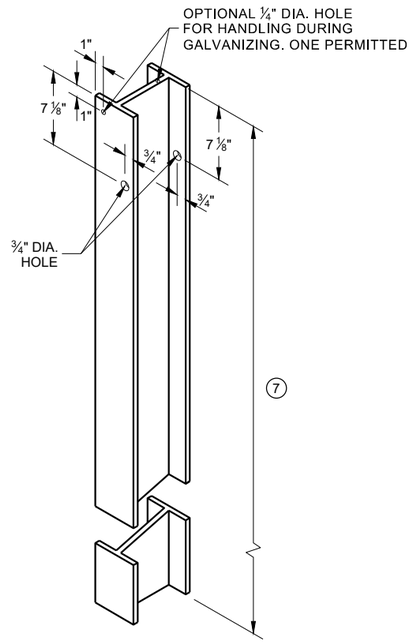
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS +1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

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

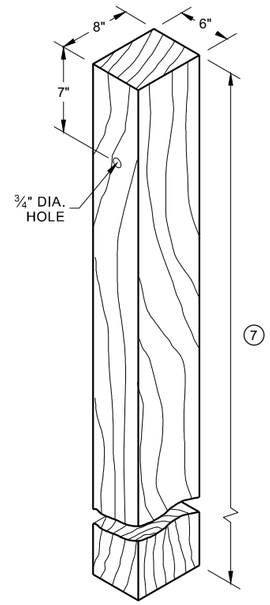
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



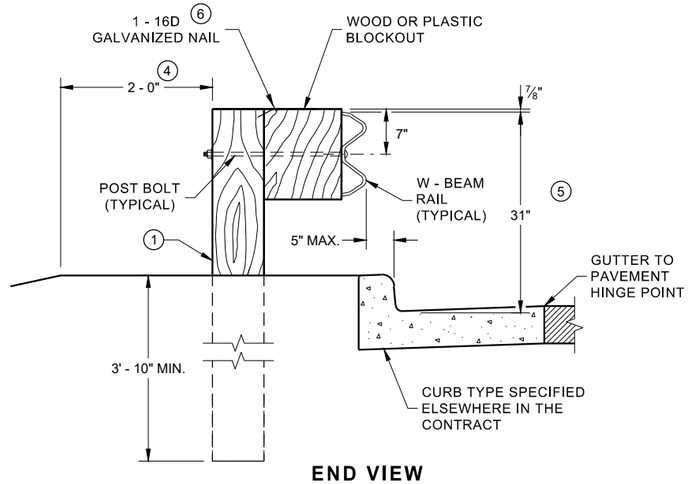
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



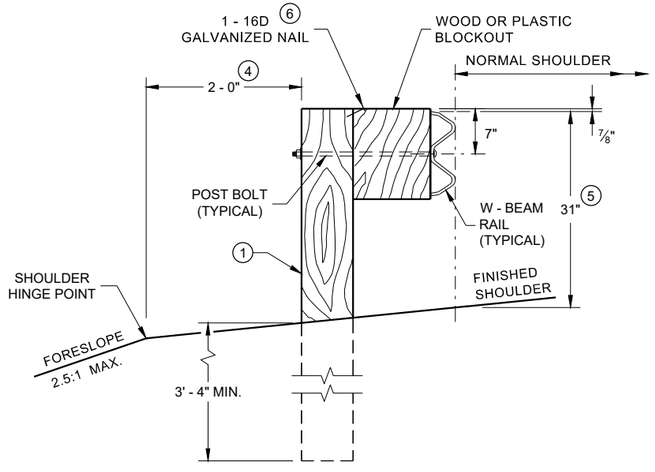
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



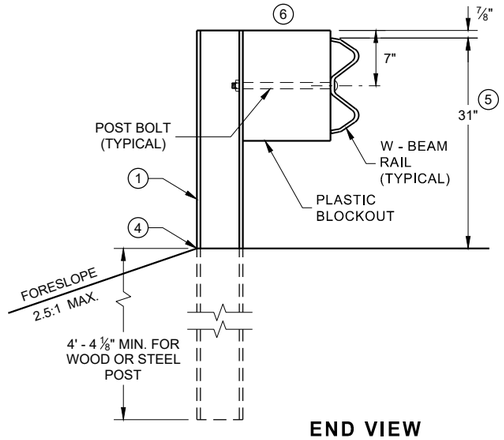
WOOD POST (6" X 8") NOMINAL (1)



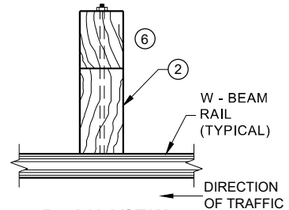
END VIEW
LOCATED ALONG A CURBED ROADWAY



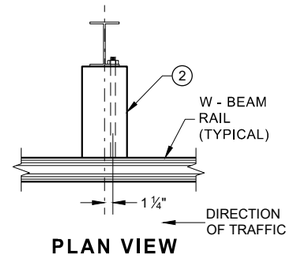
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



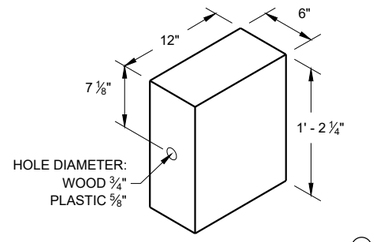
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

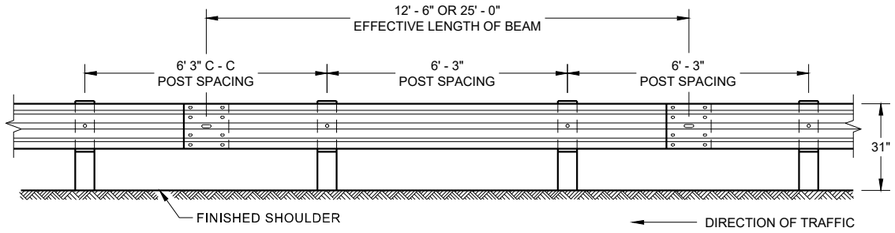
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

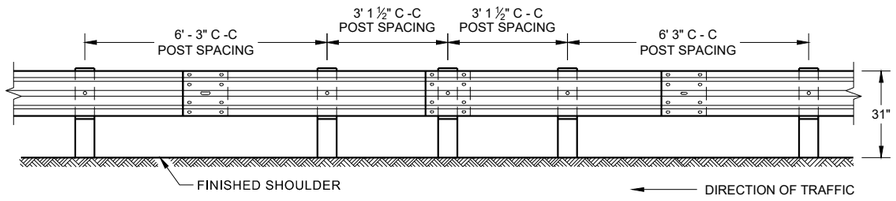
SDD 14B42 - 06a

6

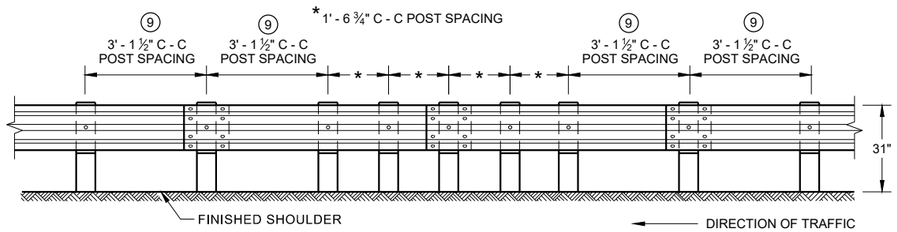
SDD 14B42 - 06a



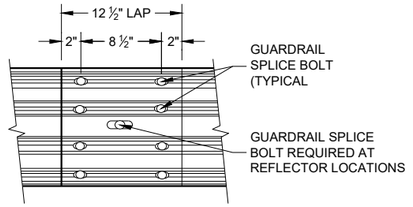
FRONT VIEW
POST SPACING STANDARD INSTALLATION



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



FRONT VIEW
QUARTER POST SPACING (QS)



FRONT VIEW
MID-SPAN BEAM SPLICE

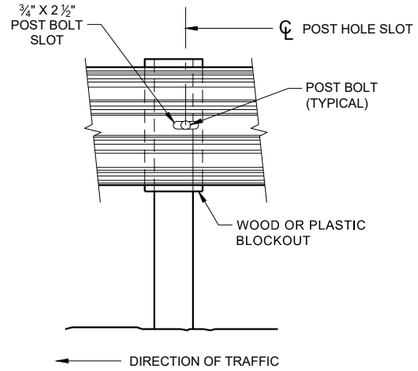
GENERAL NOTES

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

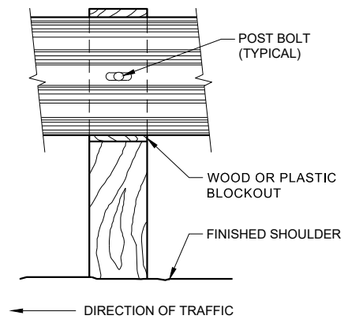
⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

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

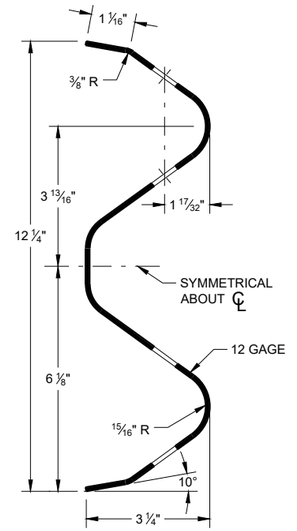
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



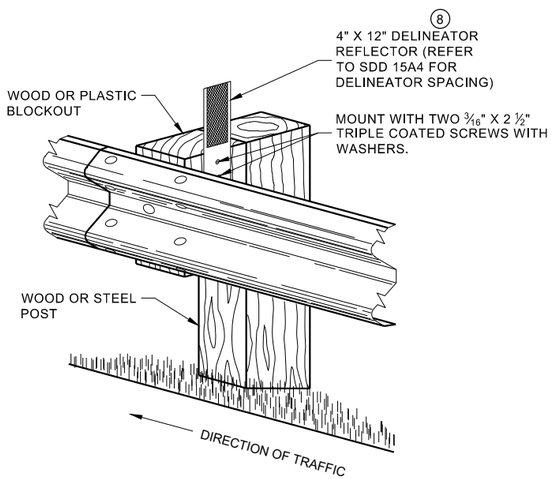
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



SECTION THRU W-BEAM RAIL



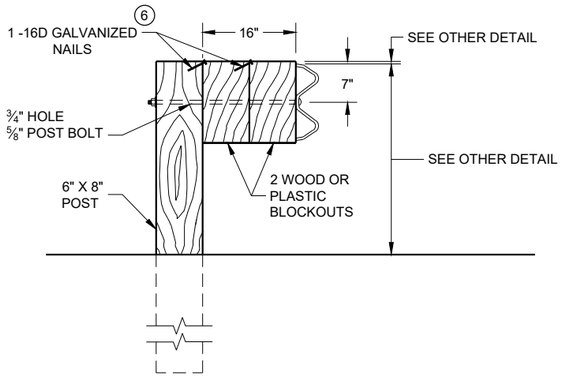
ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B42 - 06b

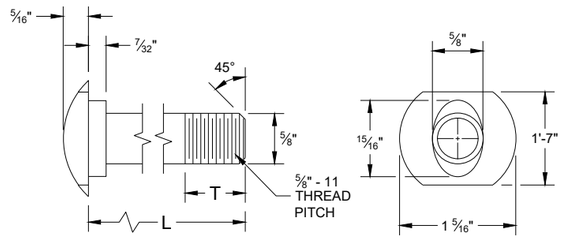


DETAIL FOR 16" BLOCKOUT DEPTH

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

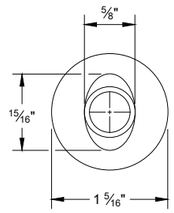
NOTE:

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

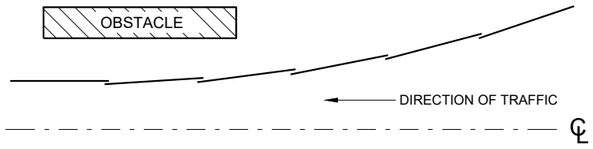


POST BOLT TABLE

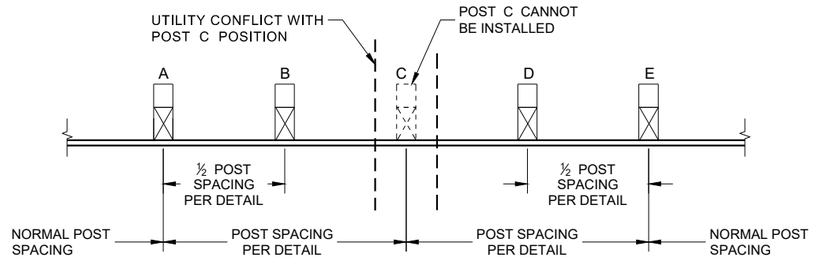
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



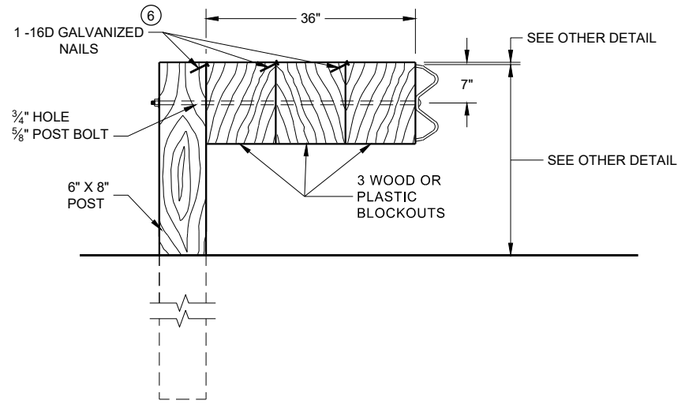
ALTERNATE BOLT HEAD



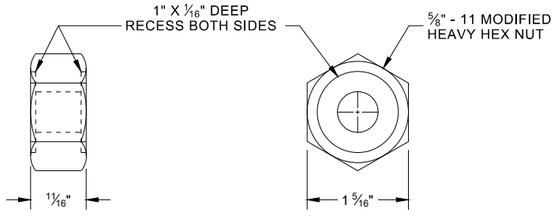
PLAN VIEW
BEAM LAPPING DETAIL



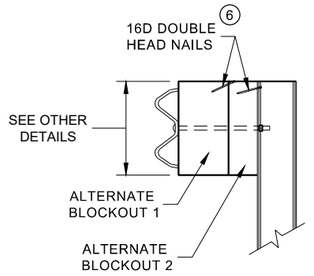
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



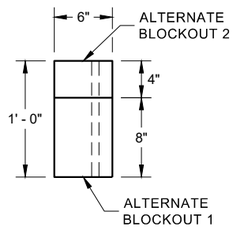
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

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

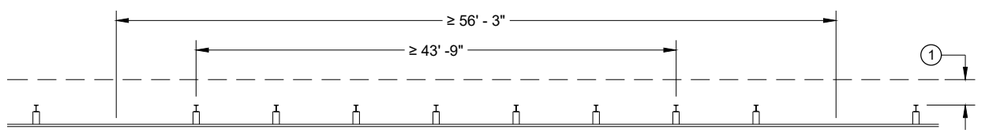
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

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

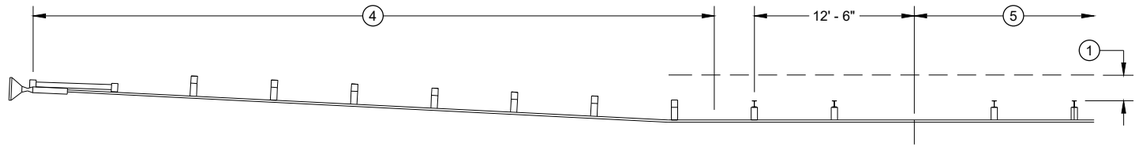
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

6

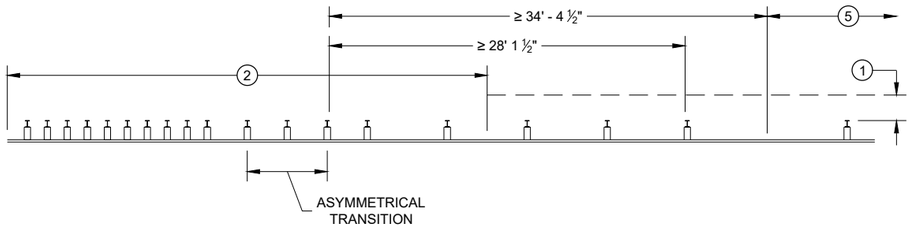
SDD 14B42 - 06c



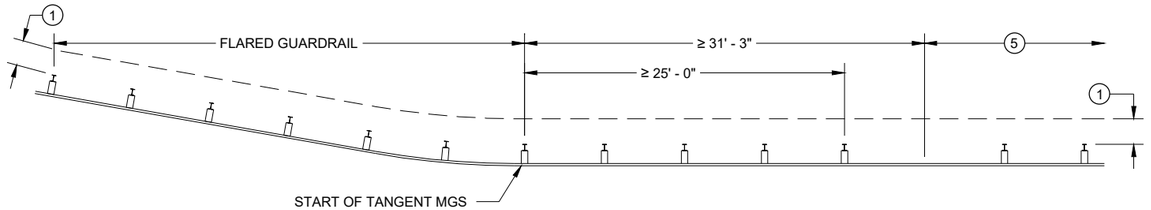
MISSING POST IN NORMAL BEAM GUARD RUN



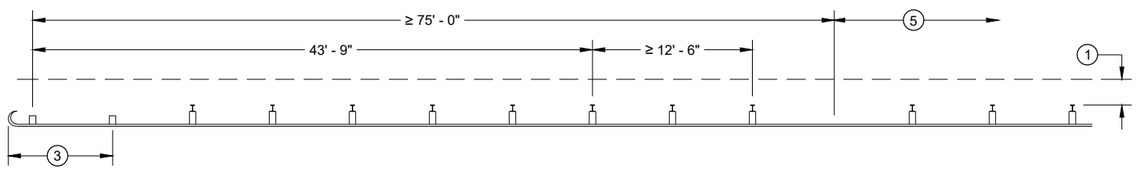
MISSING POST IN NORMAL BEAM GUARD RUN NEAR EAT



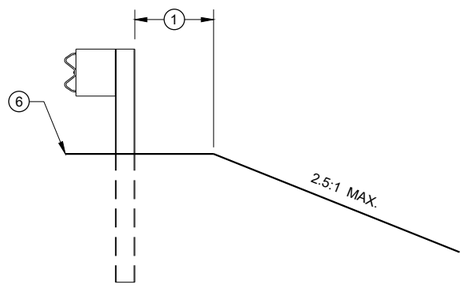
MISSING POST NEAR APPROACH THRIE BEAM TRANSITION



MISSING POST IN NORMAL BEAM GUARD RUN NEAR FLARED BEAM GUARD



MISSING POST IN NORMAL BEAM GUARD RUN NEAR TYPE 2 TERMINAL



CROSS SECTION VIEW

1. MINIMUM OF 2 FEET OF GRADING BEHIND POST.
2. SEE SDD 14B45 FOR MORE DETAILS.
3. SEE SDD 14B47 FOR MORE DETAILS.
4. SEE SDD 14B44 FOR MORE DETAILS.
5. SEE MISSING POST IN NORMAL BEAM GUARD RUN FOR DISTANCE TO NEXT MISSING POST AND AREA FOR WELL DRAINED, COMPACTED SOILS.
6. SEE PLAN FOR SHOULDER DESIGN.

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

SDD 14B42 - 06d

SDD 14B42 - 06d

GENERAL NOTES

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

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

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

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

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

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

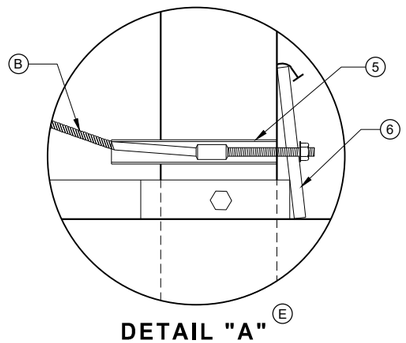
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

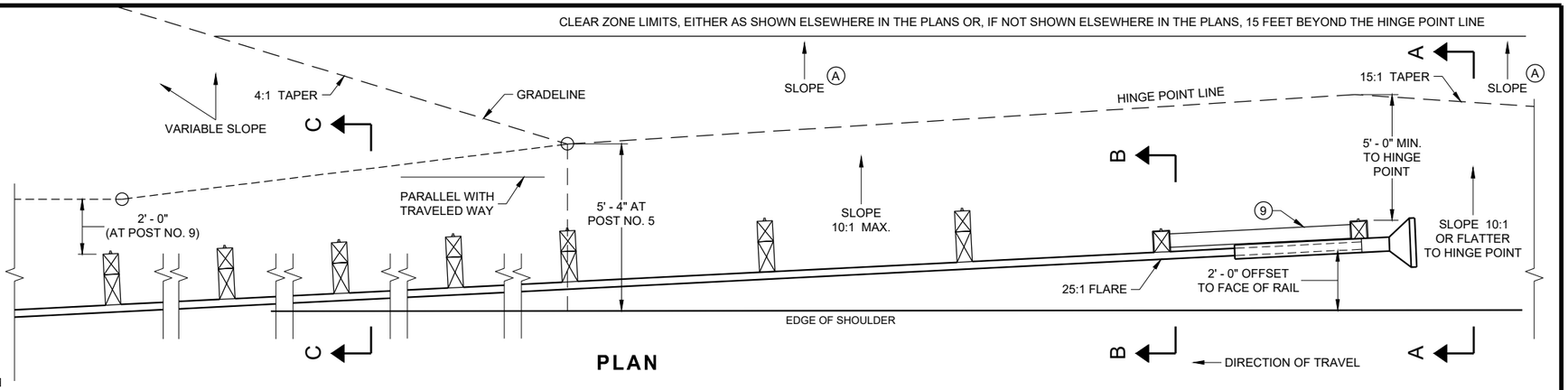
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

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

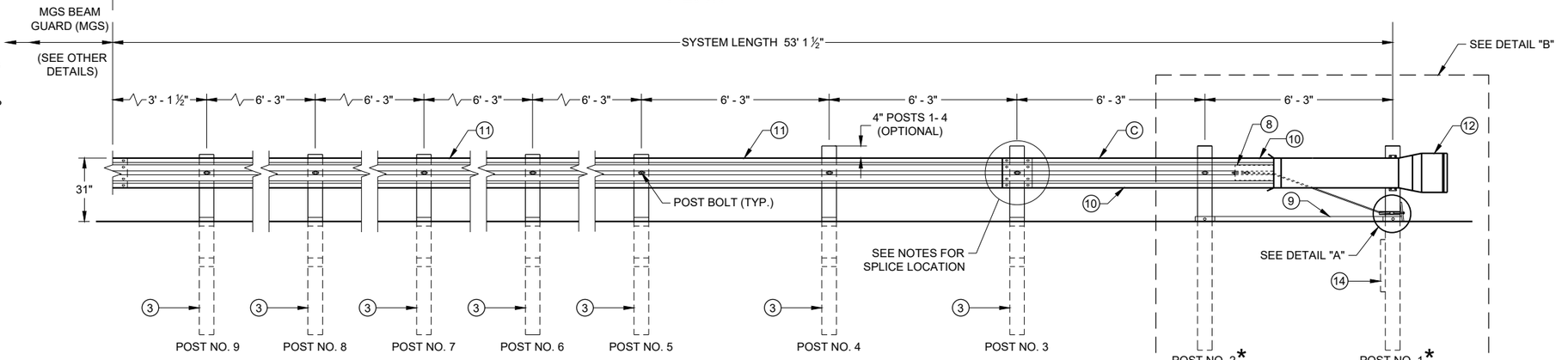
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



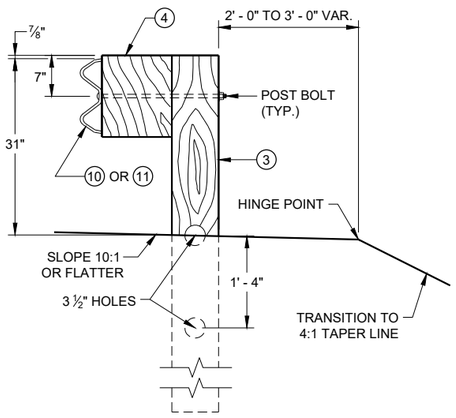
DETAIL "A" (E)



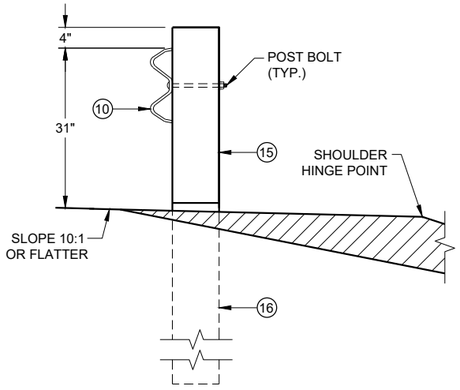
PLAN



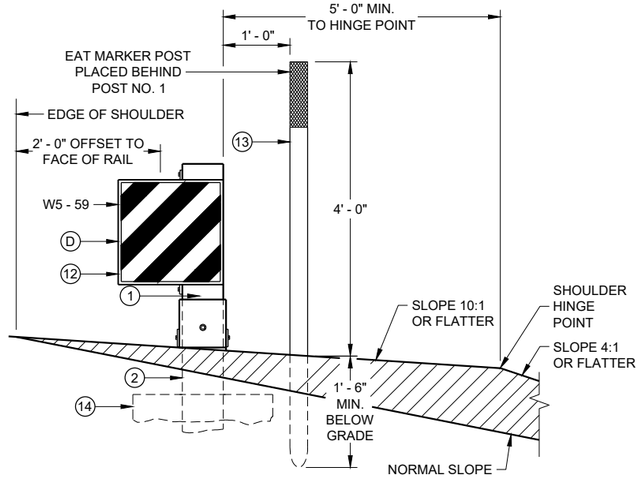
ELEVATION



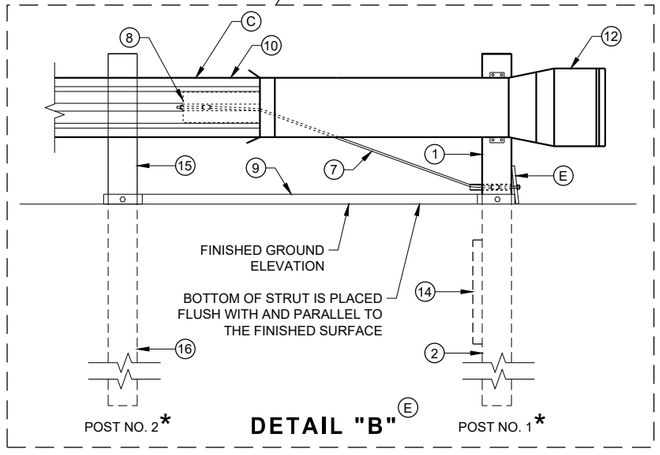
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

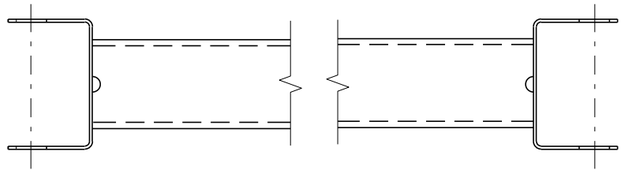
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

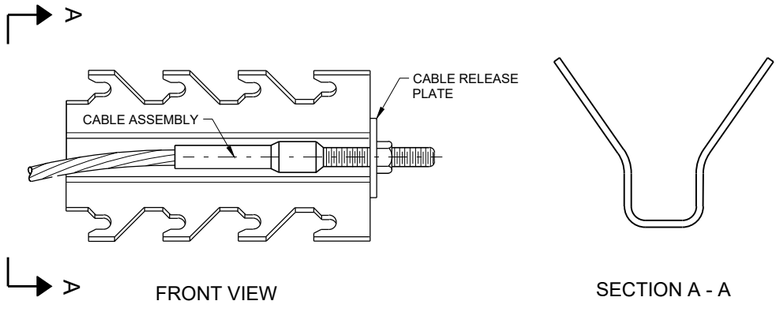
SDD 14B44 - 04a

BILL OF MATERIALS

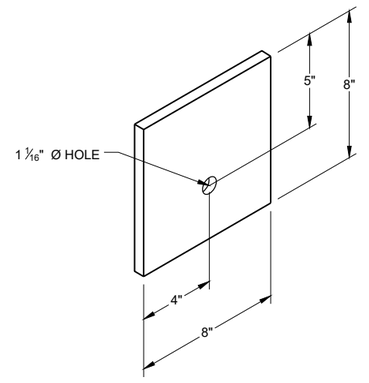
PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL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



GENERIC GROUND STRUT ⑨ Ⓔ



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



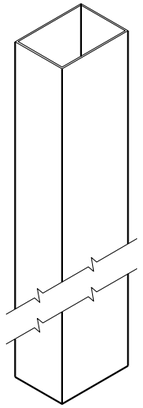
BEARING PLATE ⑥ Ⓔ

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

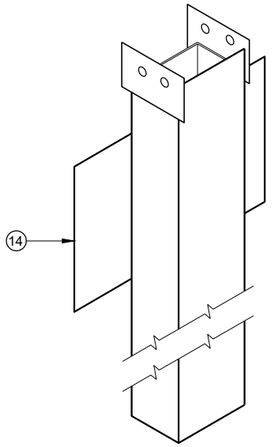
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

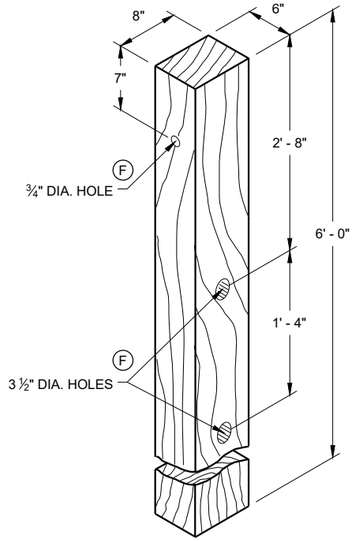
SDD 14B44 - 04b



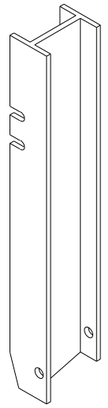
UPPER POST NO. 1 (1) (E)



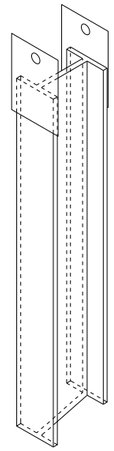
LOWER POST NO. 1 (2) (E)



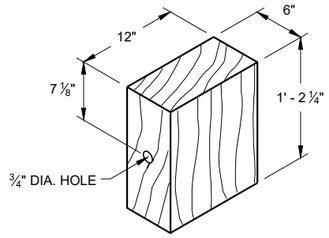
WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



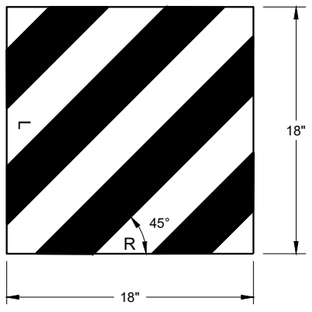
UPPER POST NO. 2 (15) (E)



LOWER POST NO. 2 (16) (E)

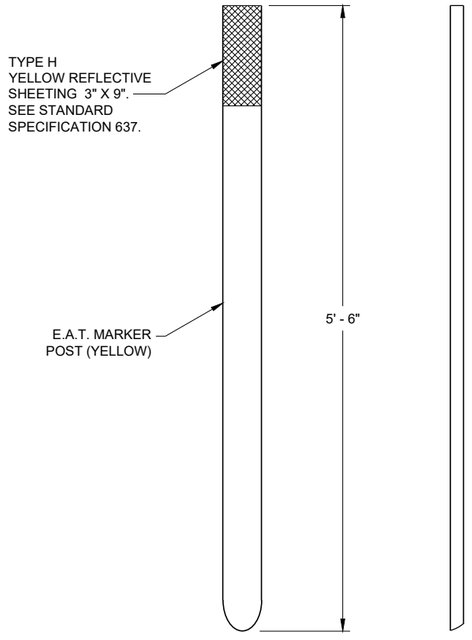


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



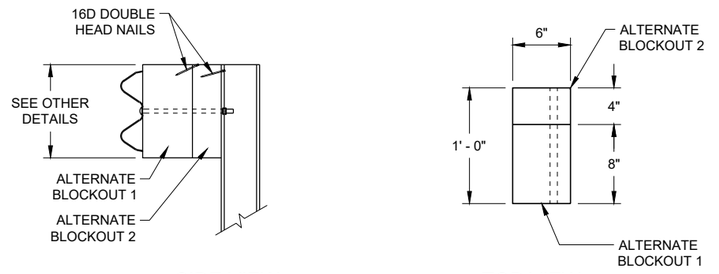
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

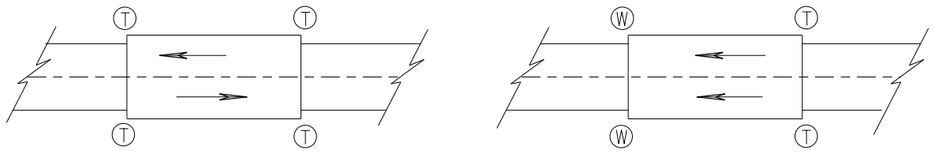
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

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

GENERAL NOTES

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

TRANSITION USES STEEL POSTS ONLY.

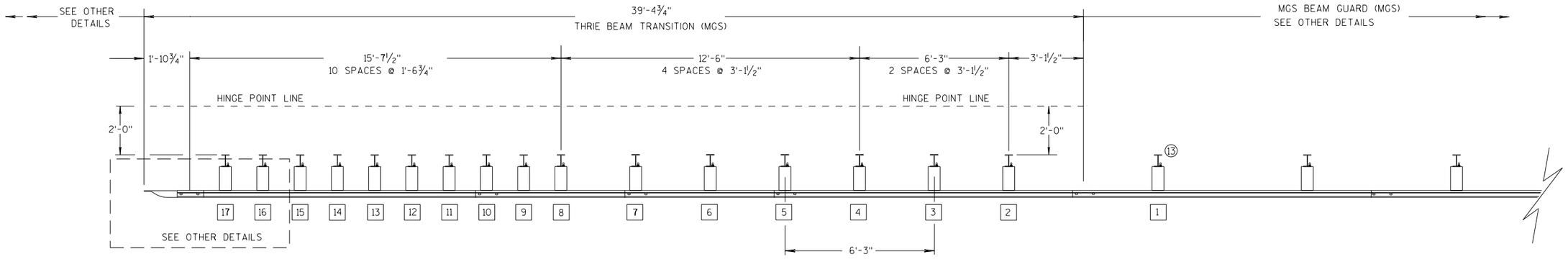
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

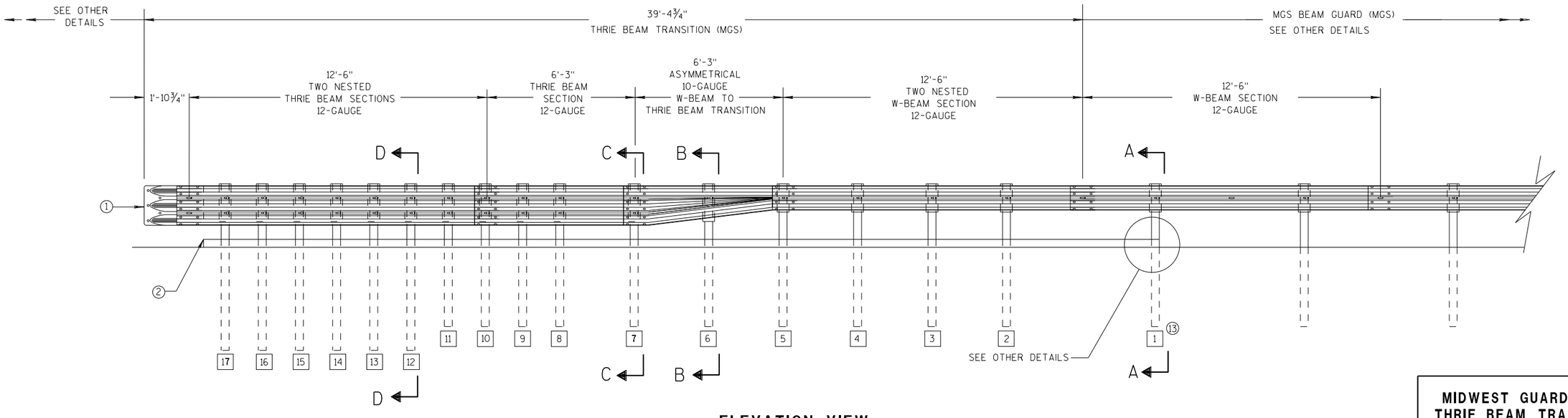
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

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

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



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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

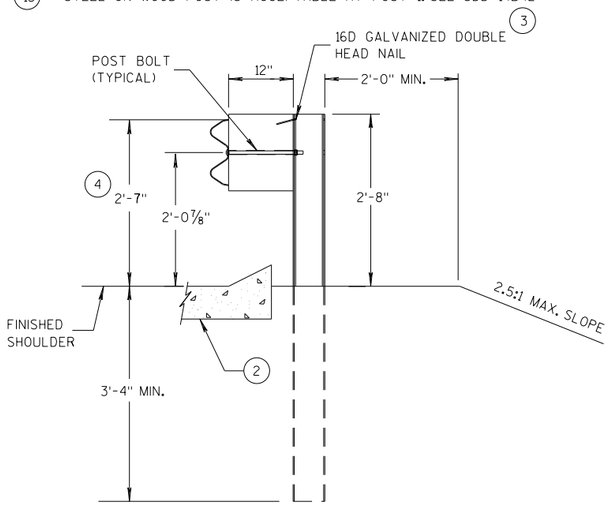
GENERAL NOTES

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

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

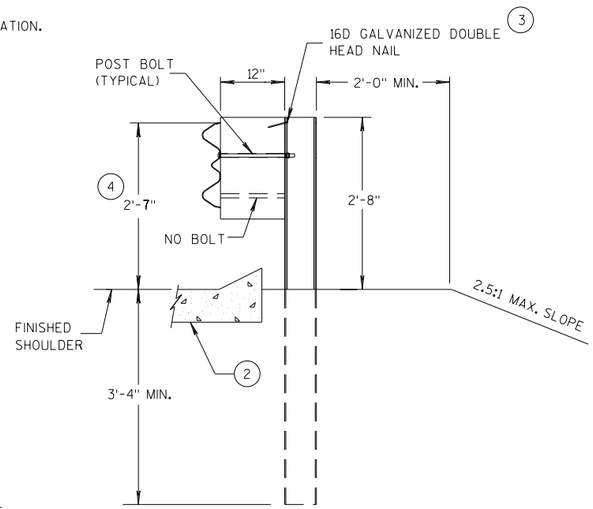
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

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



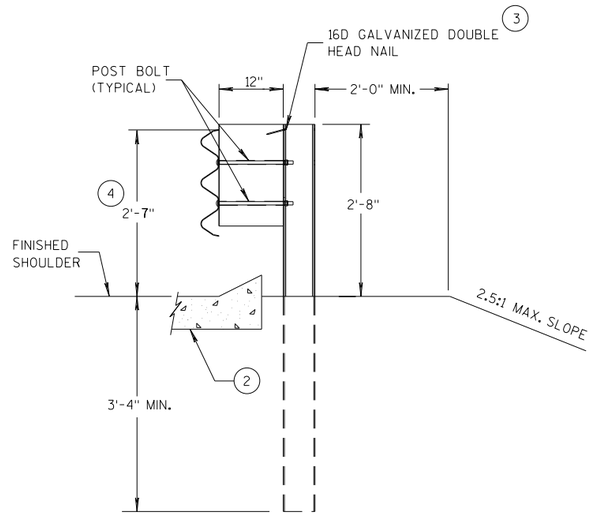
SECTION A-A (13)

POSTS 1-5



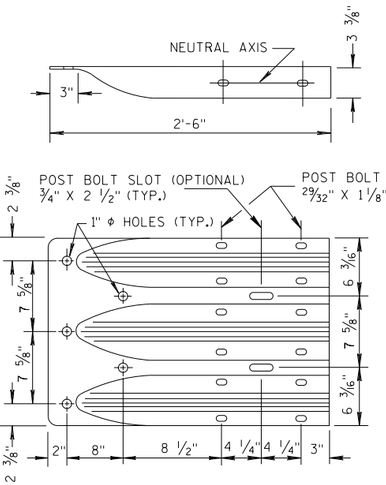
SECTION B-B

POST 6

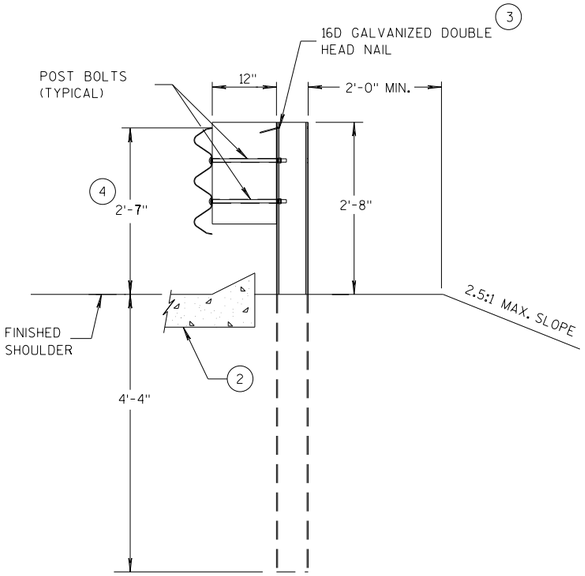


SECTION C-C

POSTS 7-11

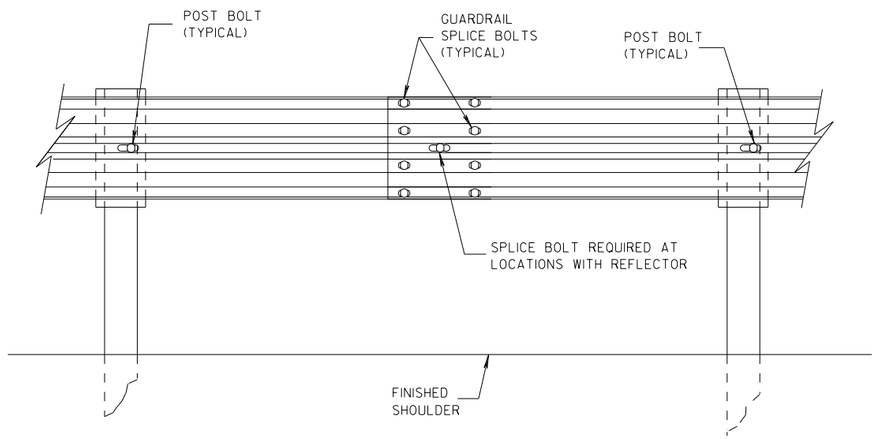


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

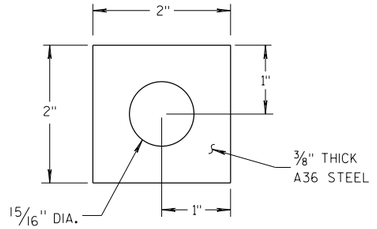
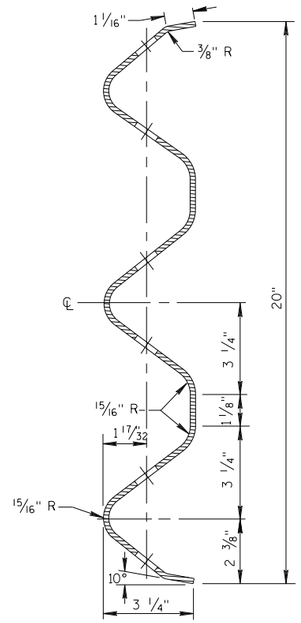


PLATE WASHER DETAIL



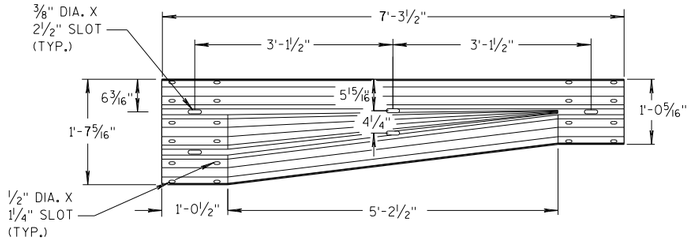
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

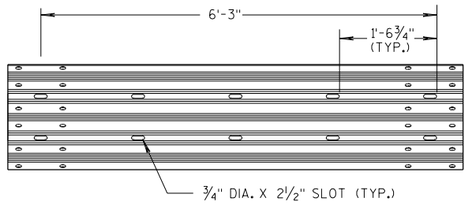
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

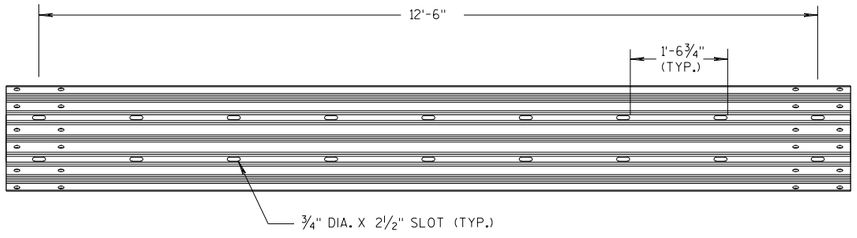
S.D.D. 14 B 45-5b



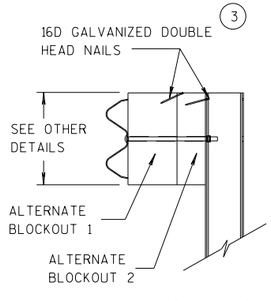
W-BEAM TO THRIE BEAM TRANSITION SECTION



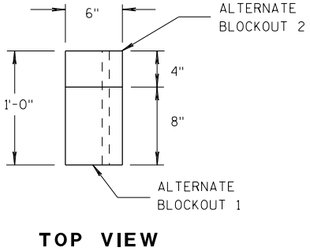
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

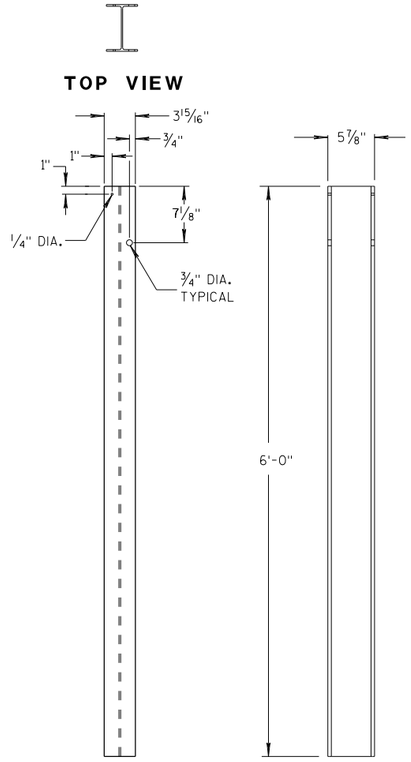


SIDE VIEW



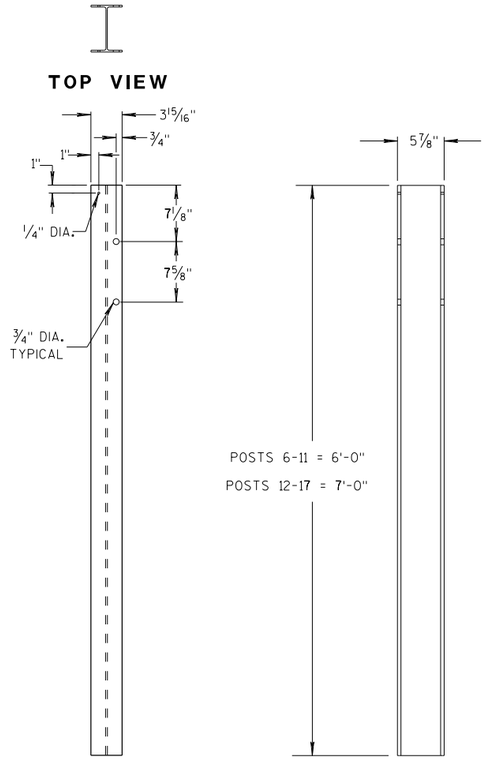
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



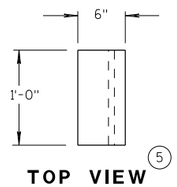
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

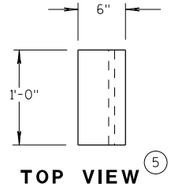


FRONT VIEW SIDE VIEW

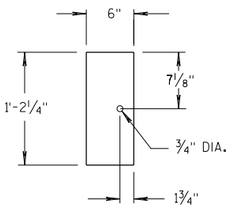
STEEL POSTS 6-17



TOP VIEW (5)

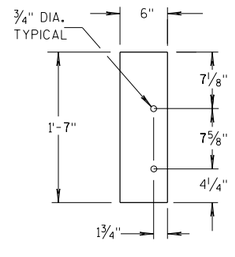


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

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

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

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

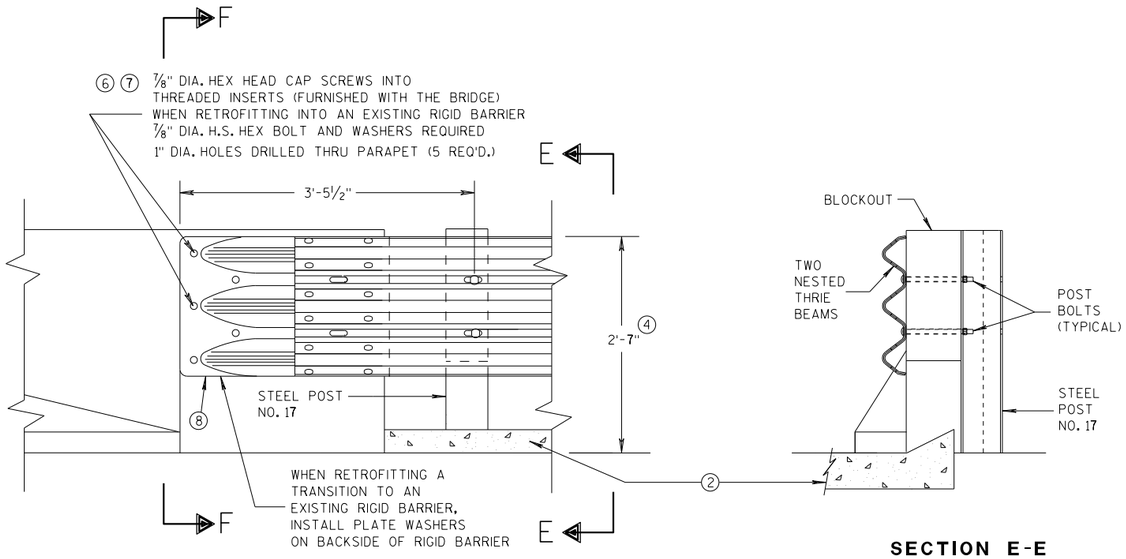
(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOF

6

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



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

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

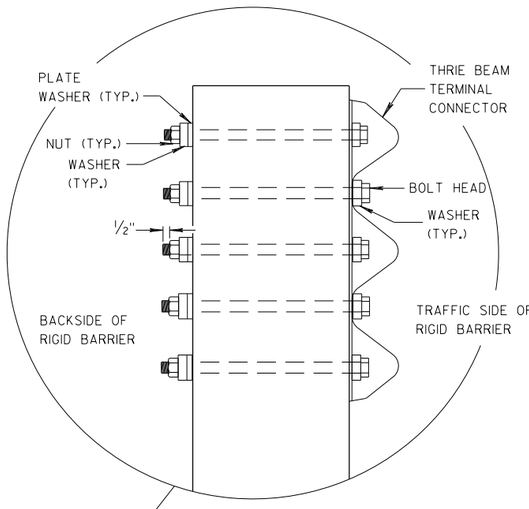
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

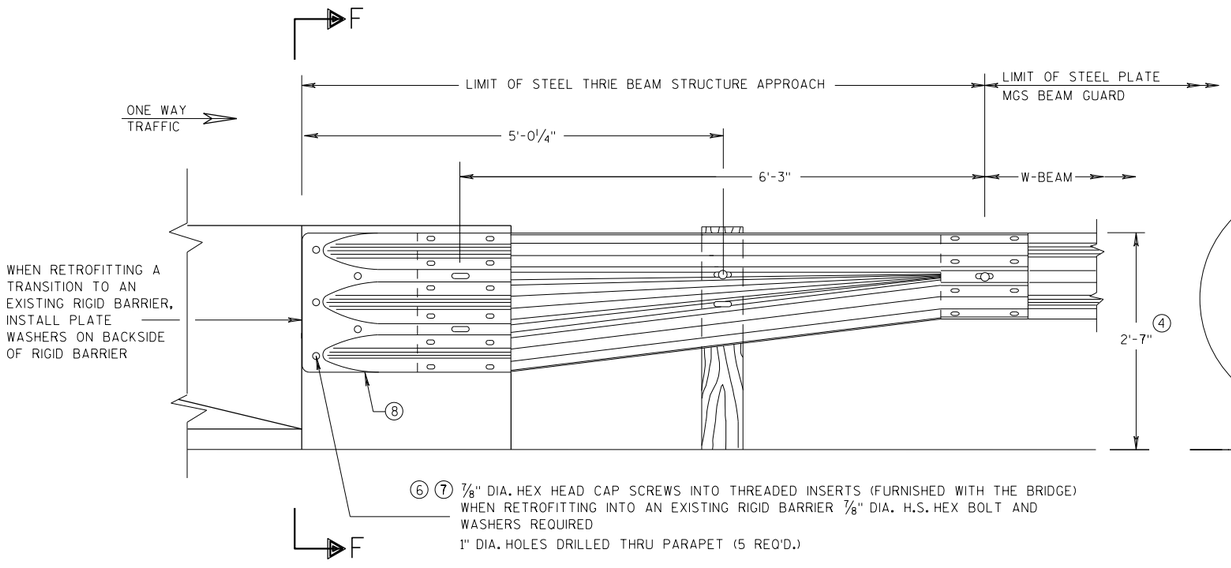
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

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

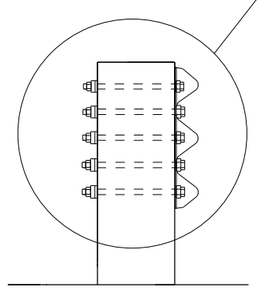
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE.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

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

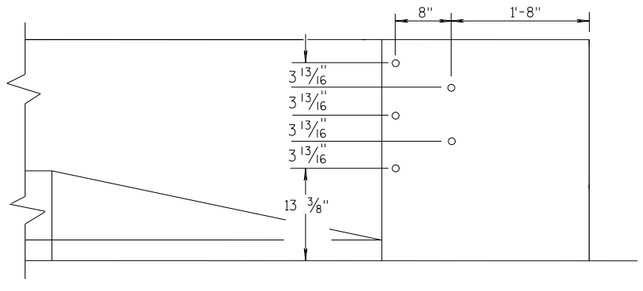




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

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

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

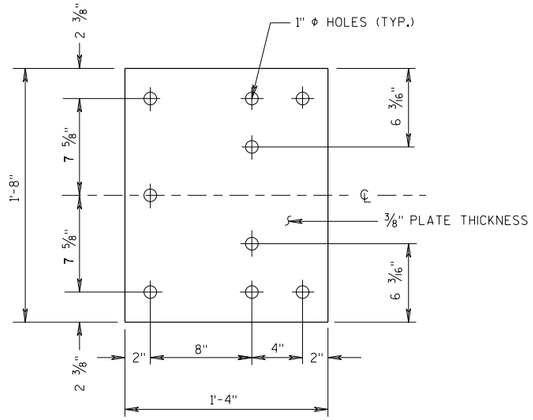
APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D UNIT SUPERVIS NT
FHWA

6

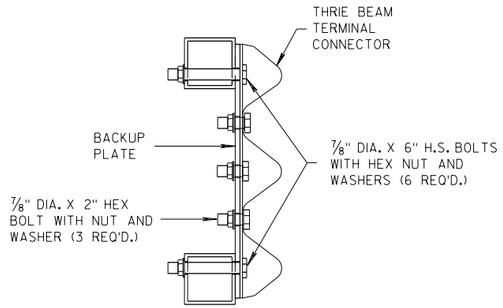
S.D.D. 14 B 45-5d

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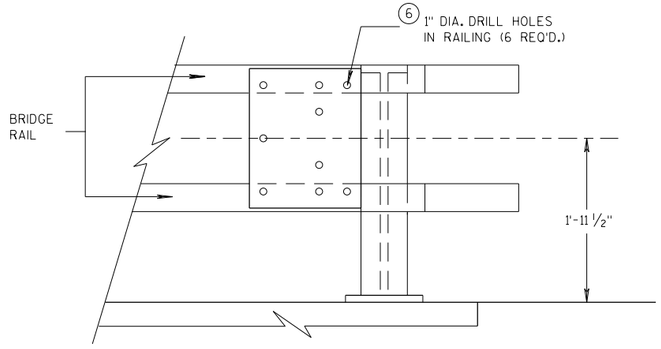
S.D.D. 14 B 45-5d



BACK-UP PLATE DETAIL



SECTION J-J

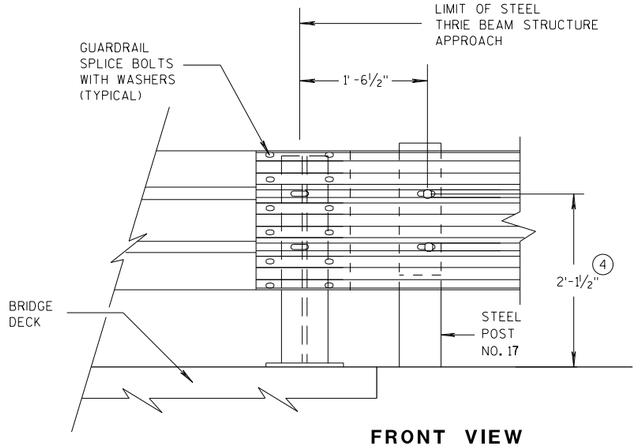


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

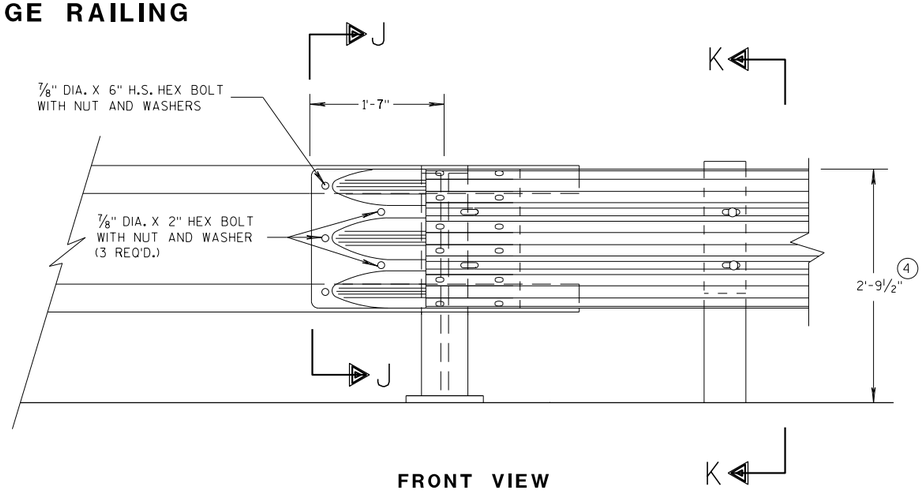
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

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

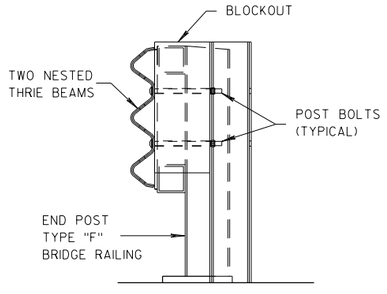


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE
FHWA

/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

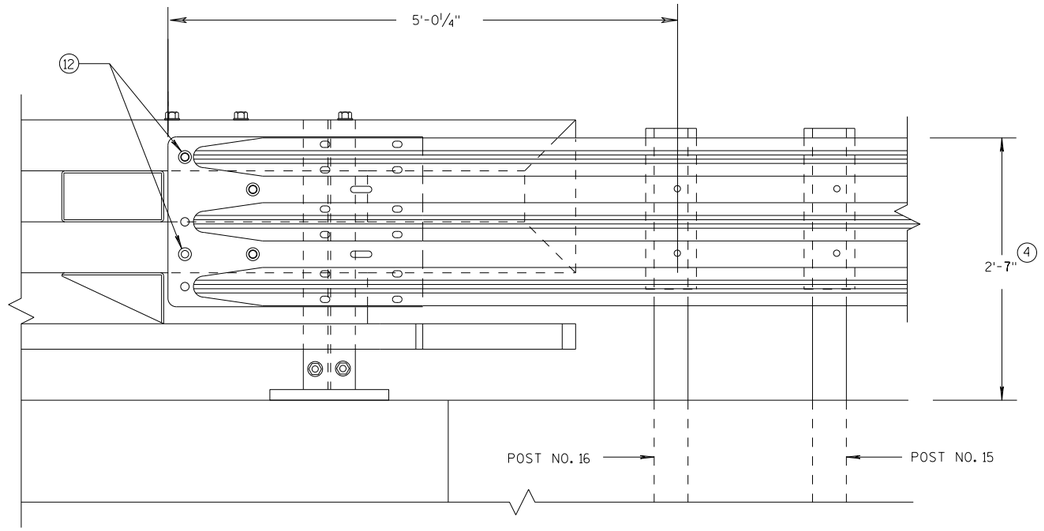
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S.D.D. 14 B 45-5g

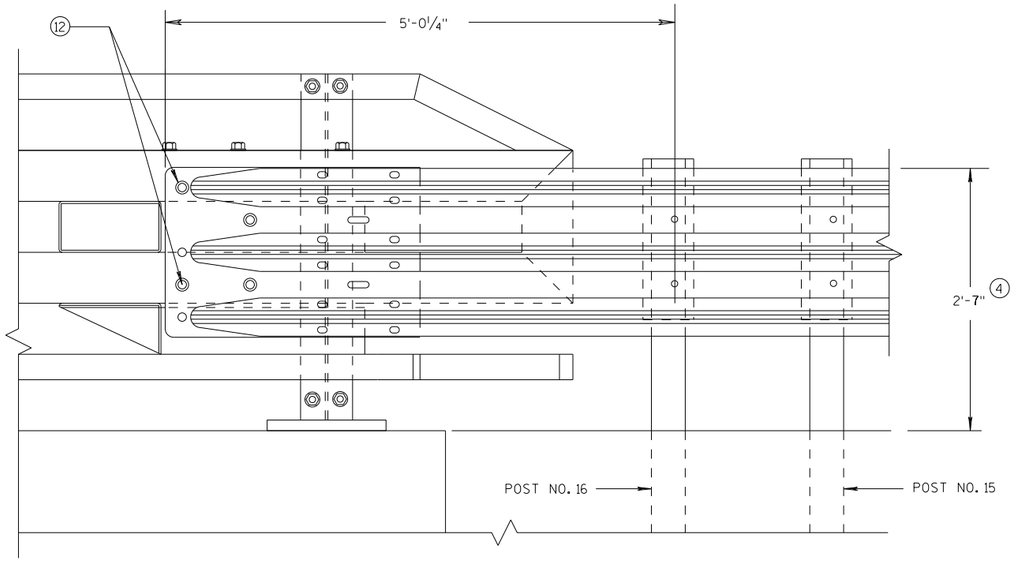
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S.D.D. 14 B 45-5g



ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

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

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

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

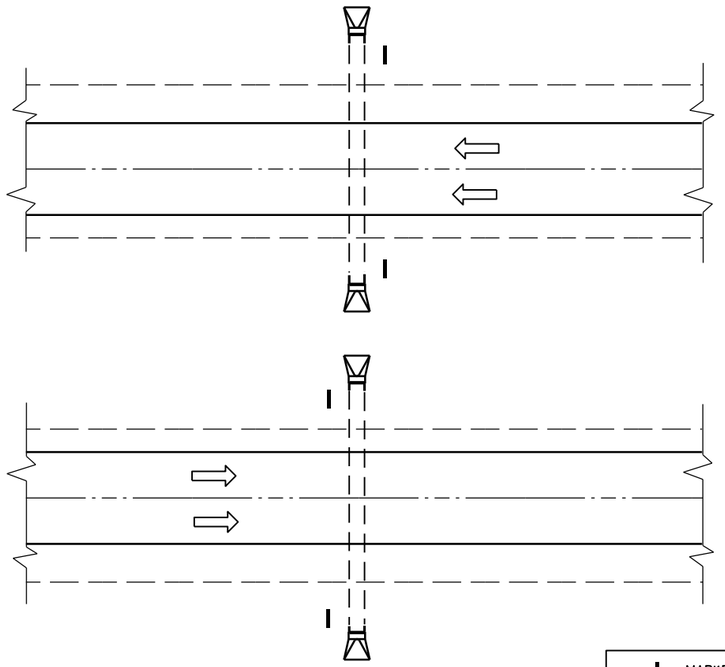
APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D
UNIT SUPERVIS
NT
FHWA

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

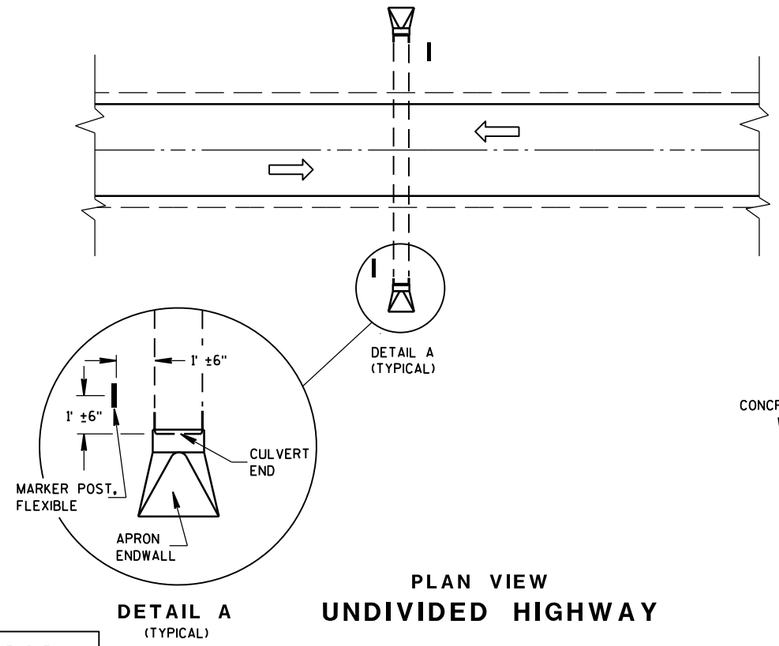
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S.D.D. 14 B 45-5k



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

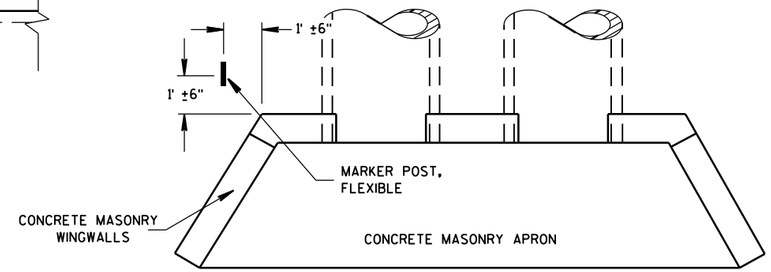
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

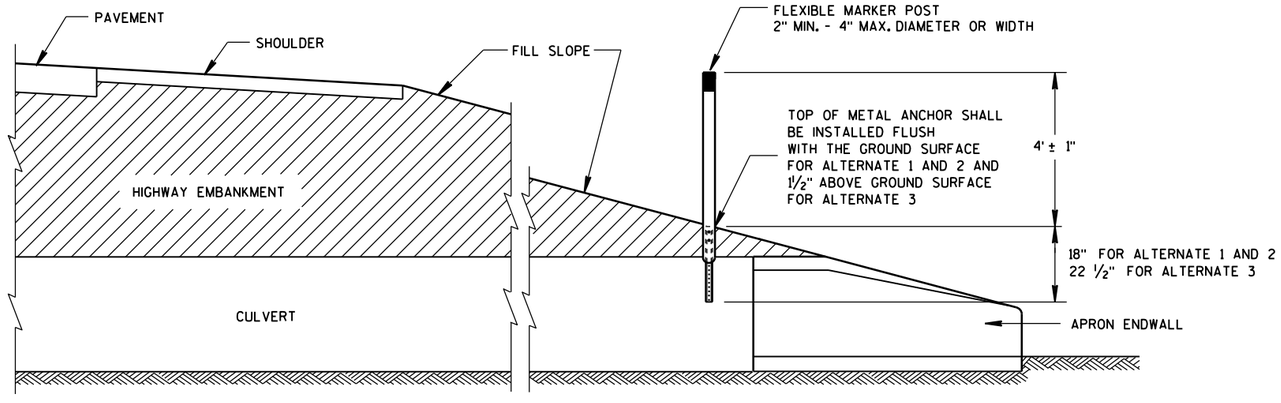
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

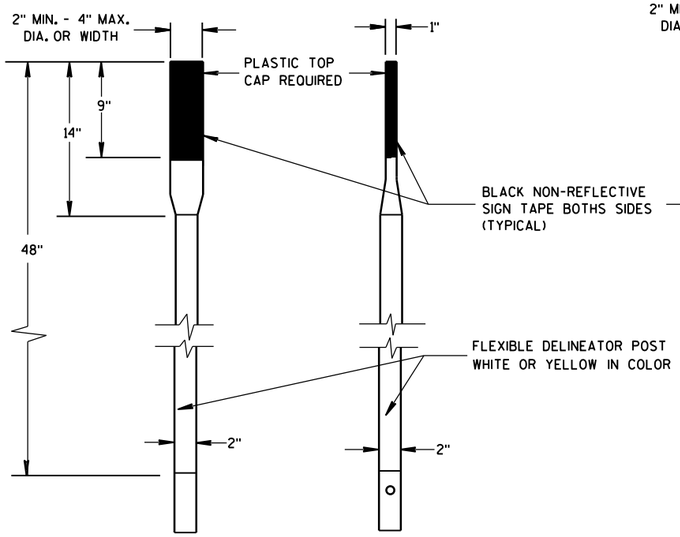
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

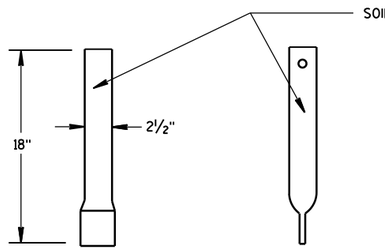
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S.D.D. 15 A 3-2a

6

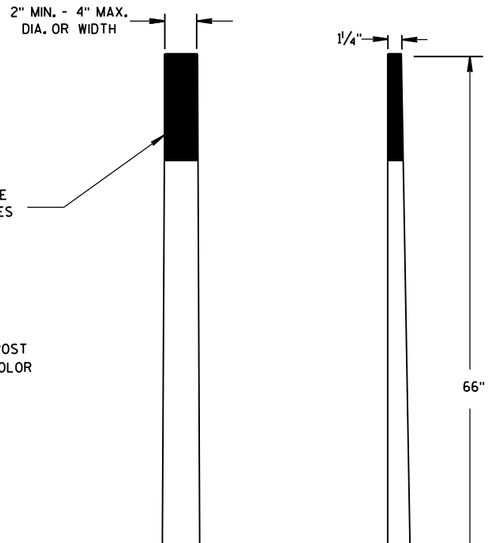
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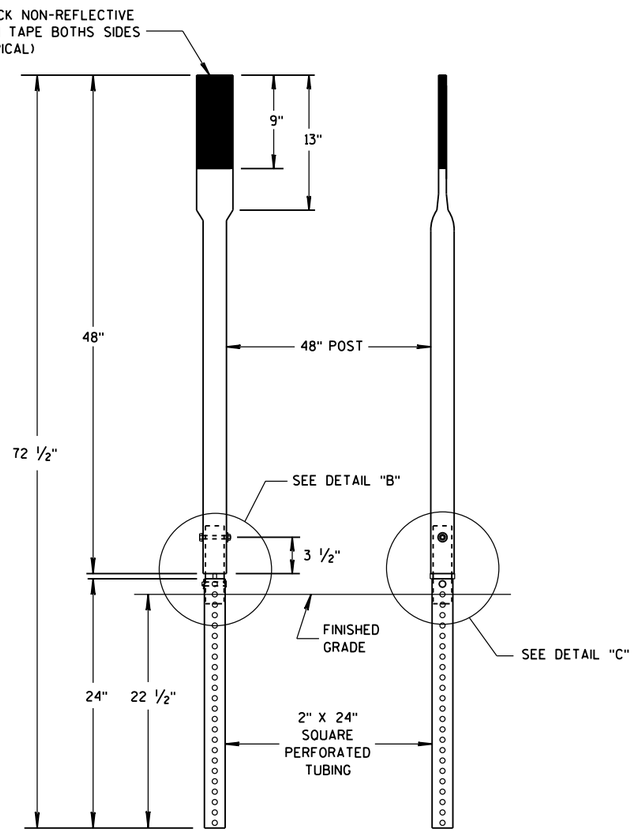
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

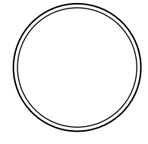
ALTERNATE 2



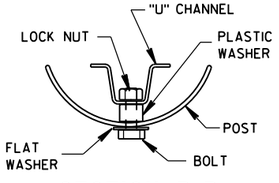
FRONT VIEW SIDE VIEW

ALTERNATE 3

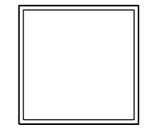
FLEXIBLE MARKER POSTS



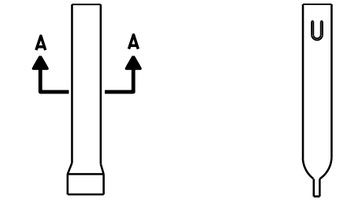
SECTION A-A



SECTION B-B

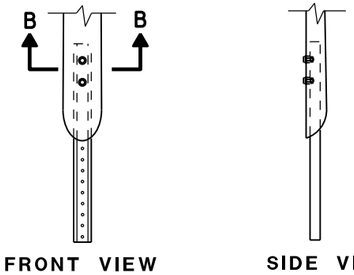


SECTION C-C



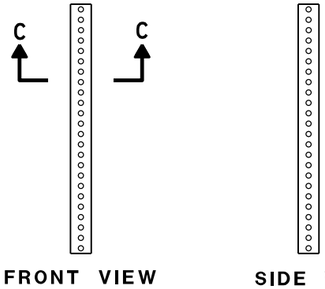
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

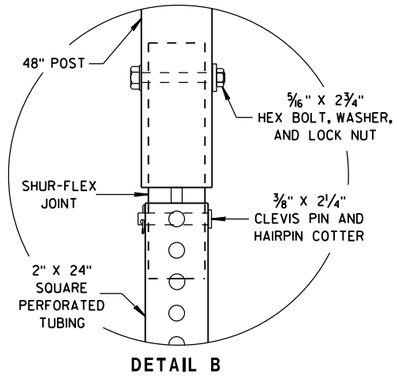
ALTERNATE 2



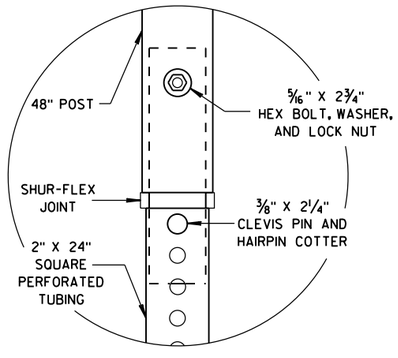
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

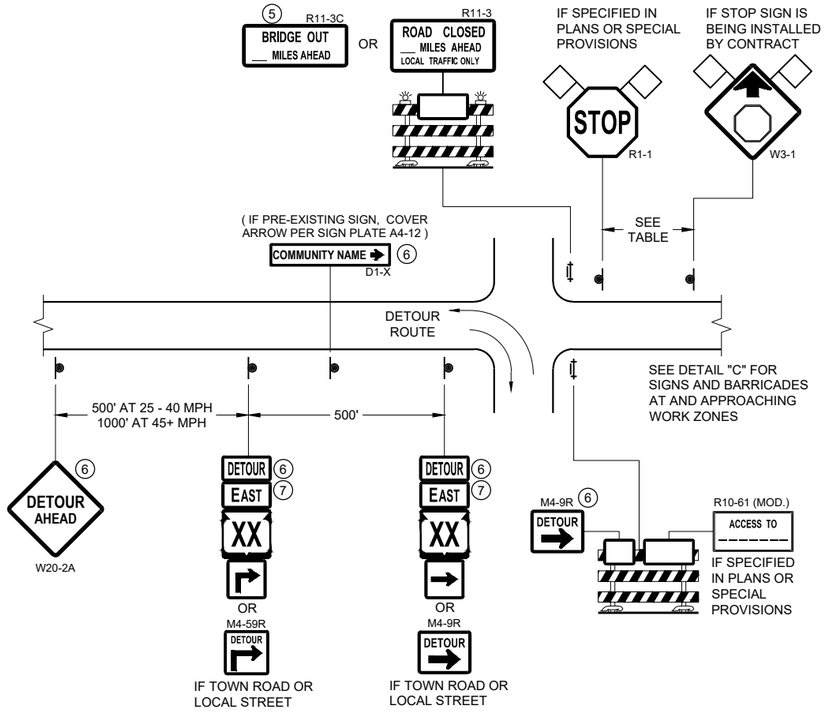
APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

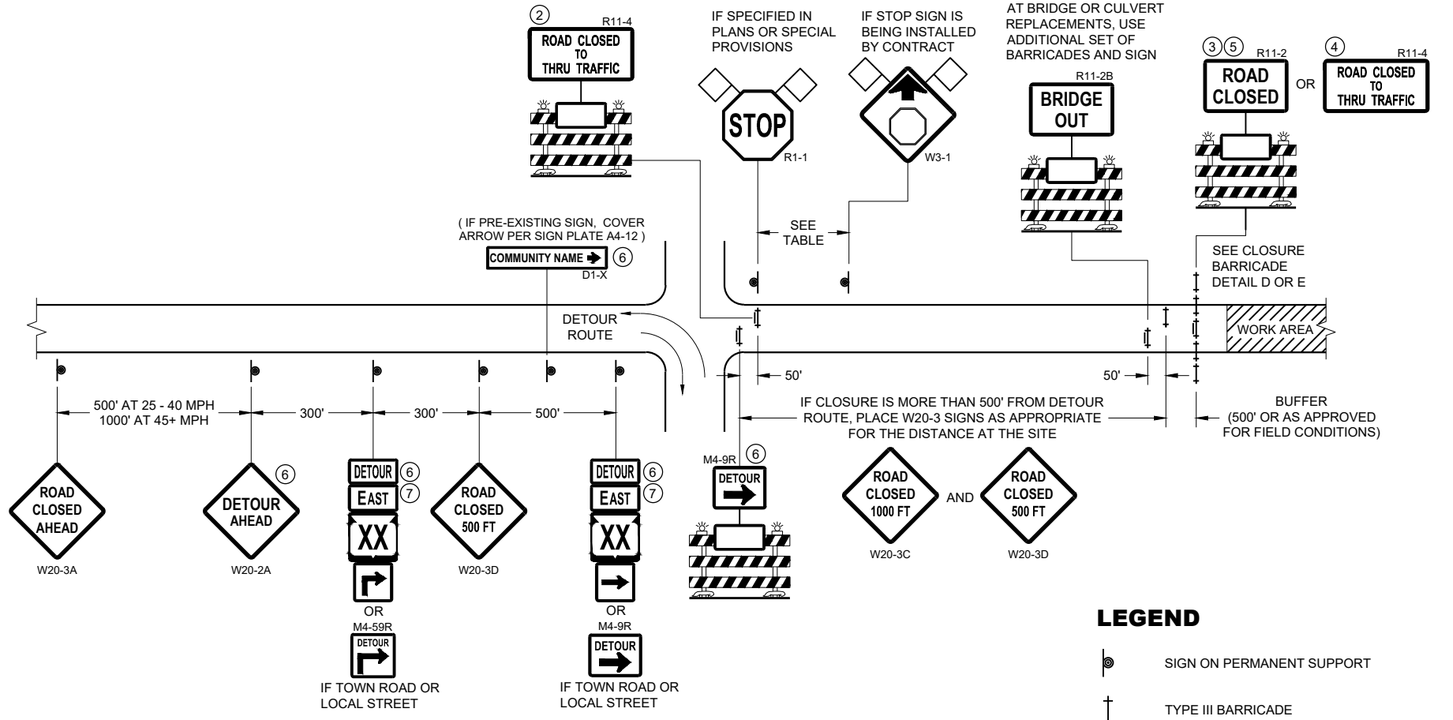
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S.D.D. 15 A 3-2b

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



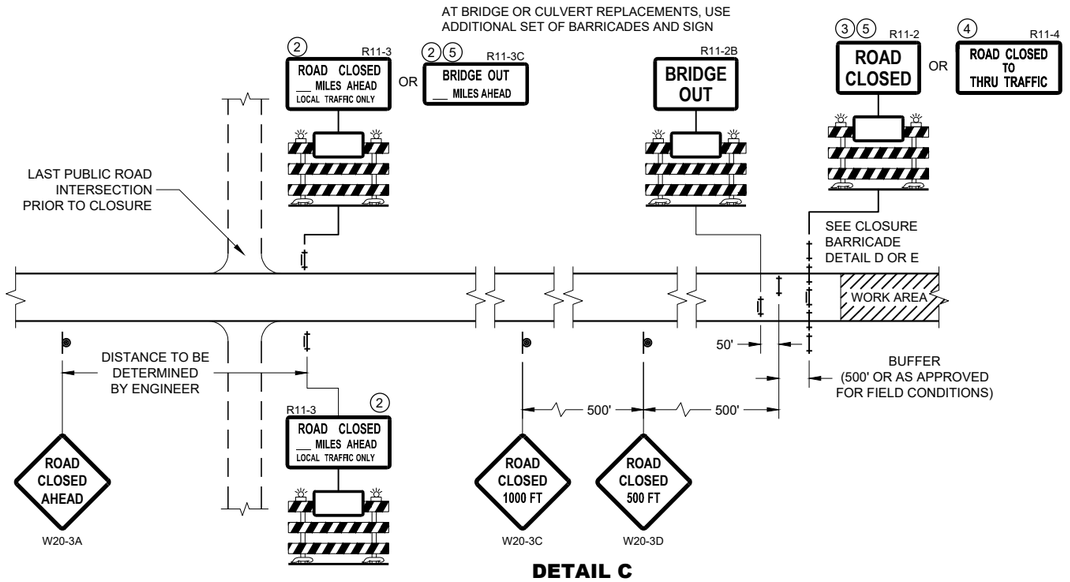


DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

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

DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

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



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

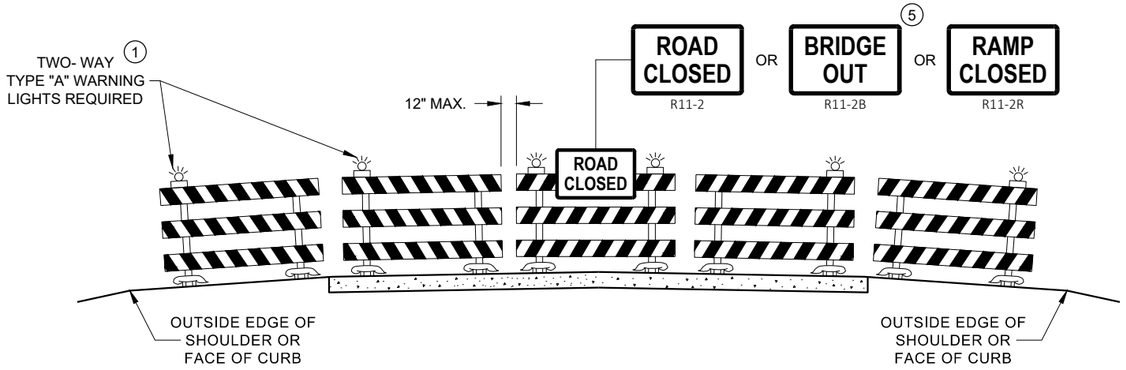
APPROVED
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

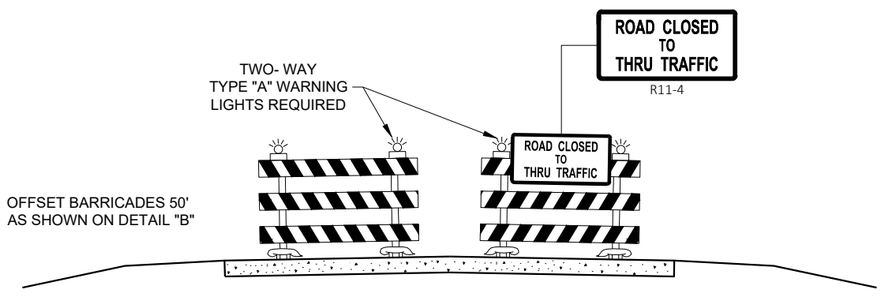
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SDD 15C02 - 08a

SDD 15C02 - 08a



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
February 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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SDD 15C02 - 08b

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SDD 15C02 - 08b

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.

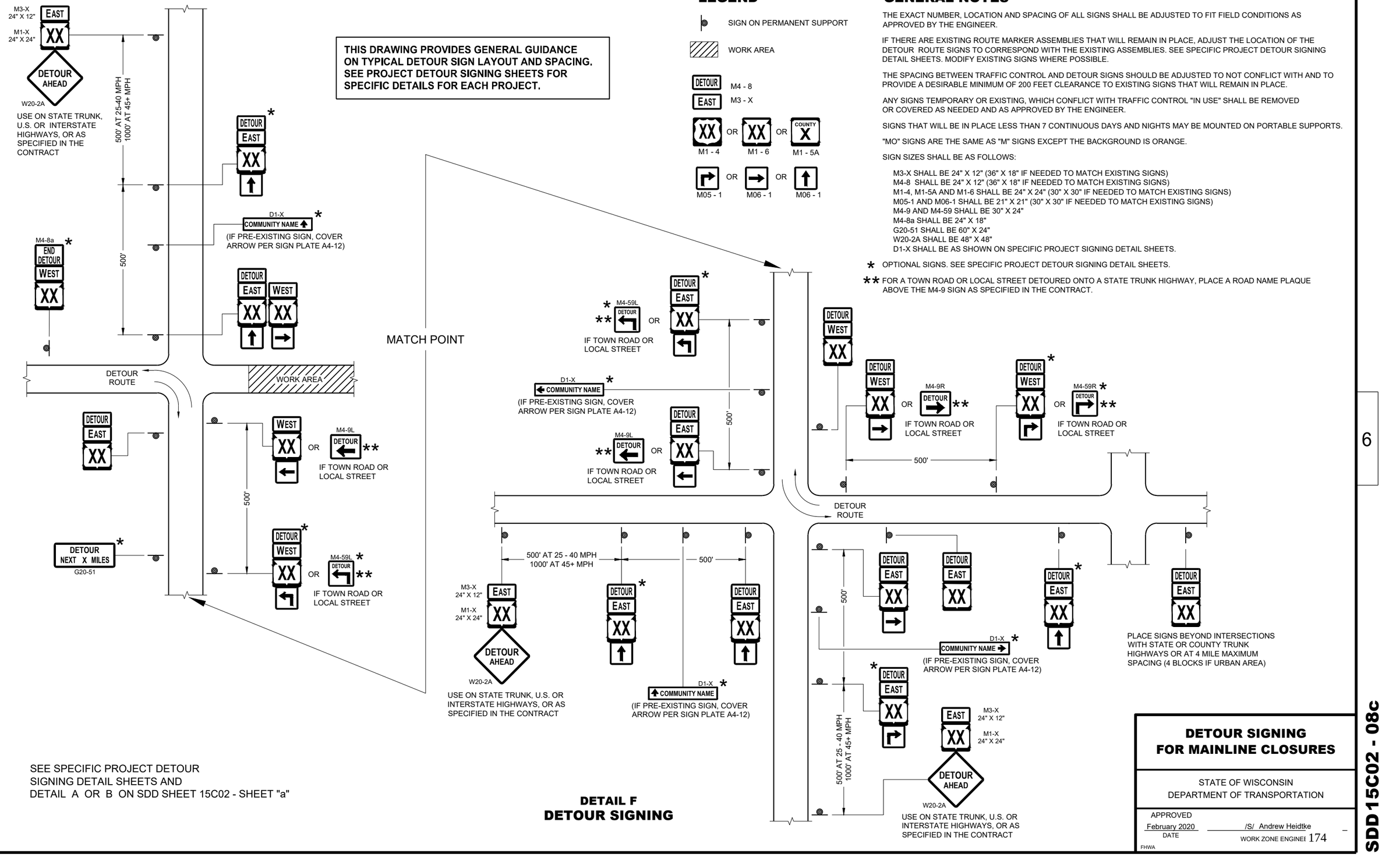
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

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" (30" X 30" 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

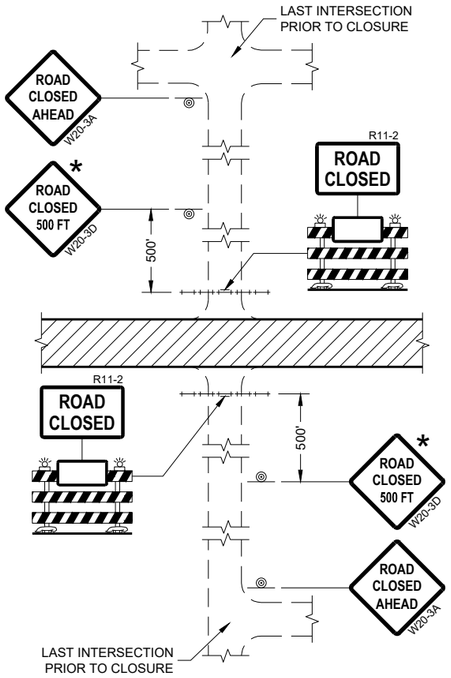
APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

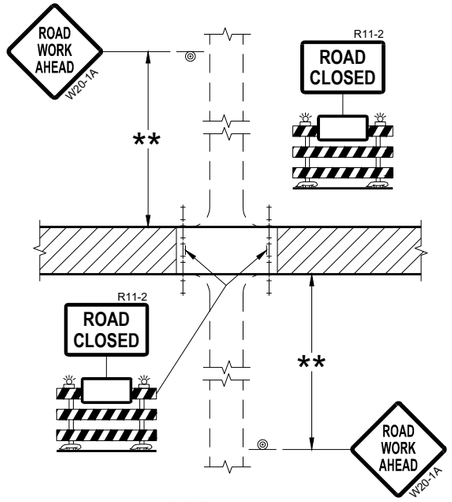
FHWA

SDD 15C02 - 08c

6



DETAIL 1
(NO ACCESS TO PROJECT)



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

GENERAL NOTES

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

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

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

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

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

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

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

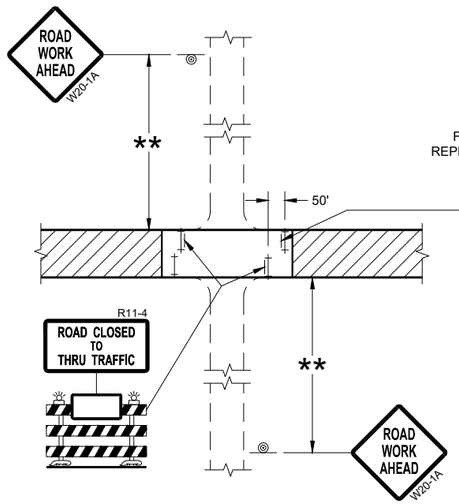
TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

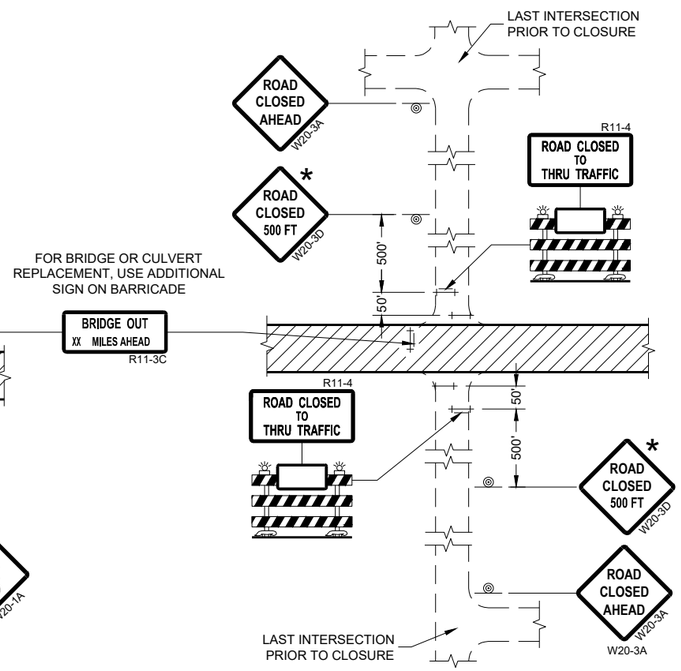
THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

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

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

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





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

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

LEGEND

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

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C03 - 05

SDD 15C03 - 05

GENERAL NOTES

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

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

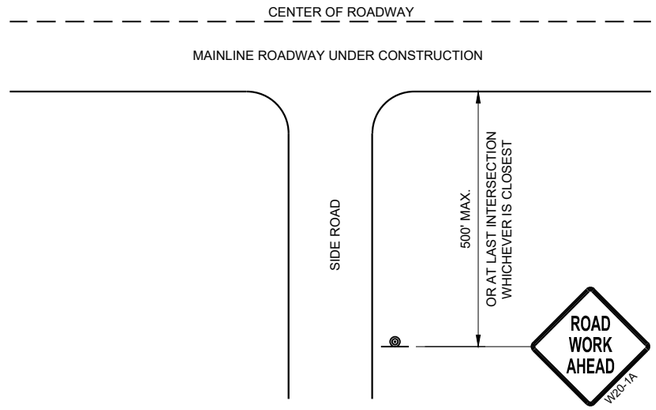
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

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

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



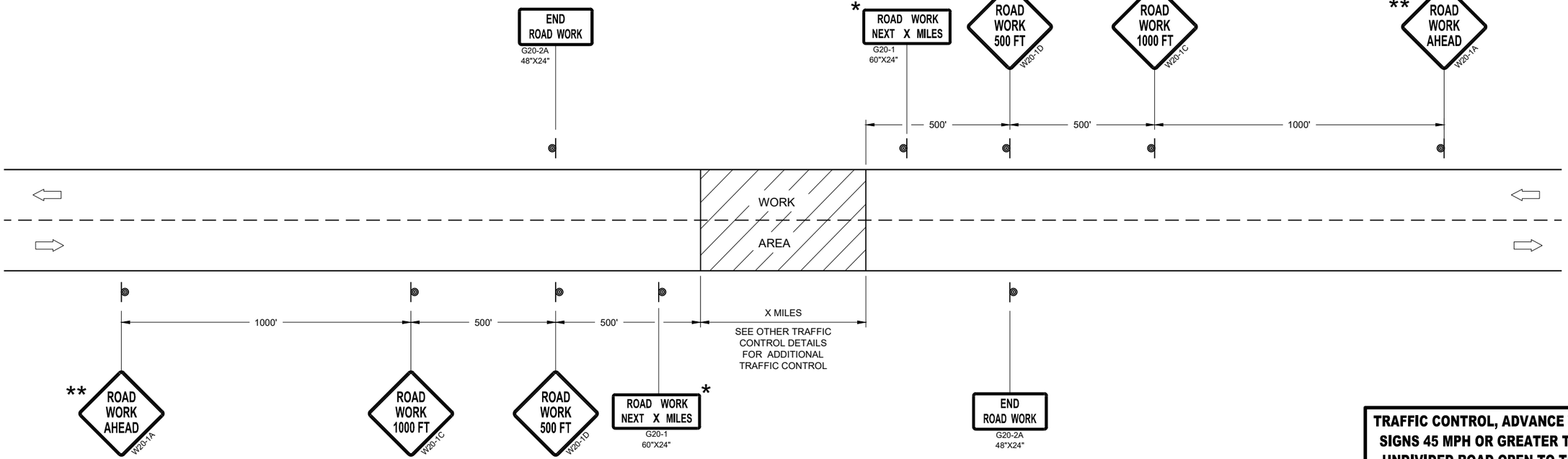
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

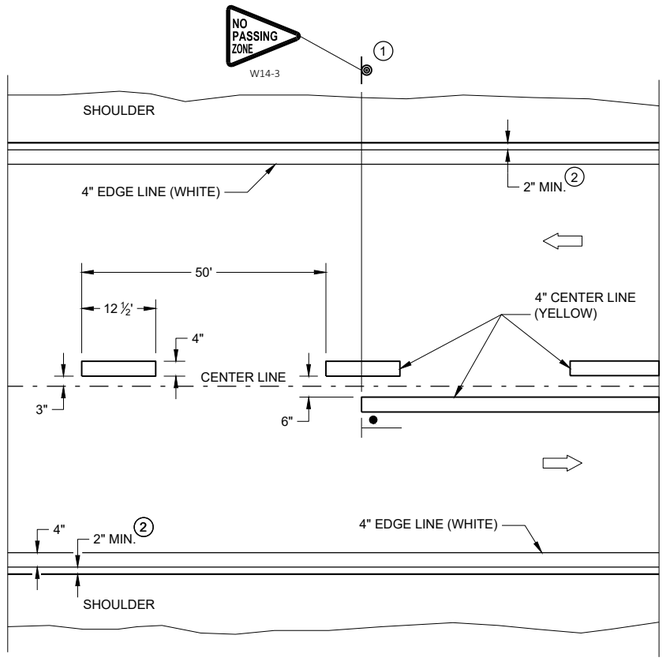
FHWA

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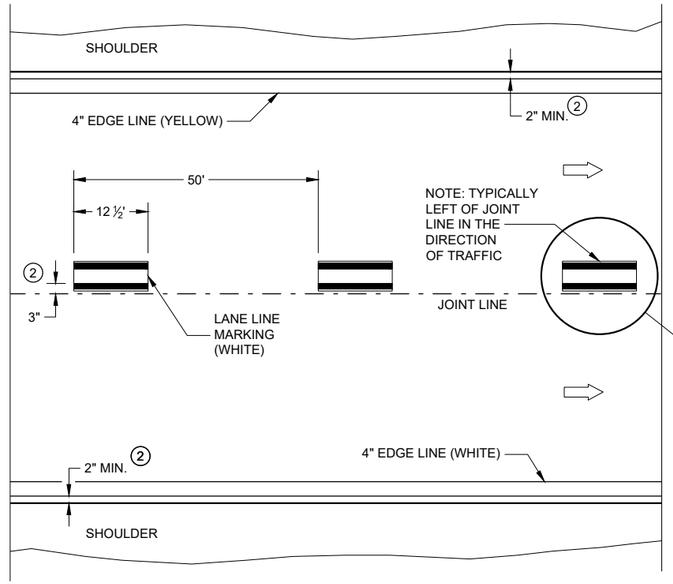
SDD 15C04 - 05

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SDD 15C04 - 05

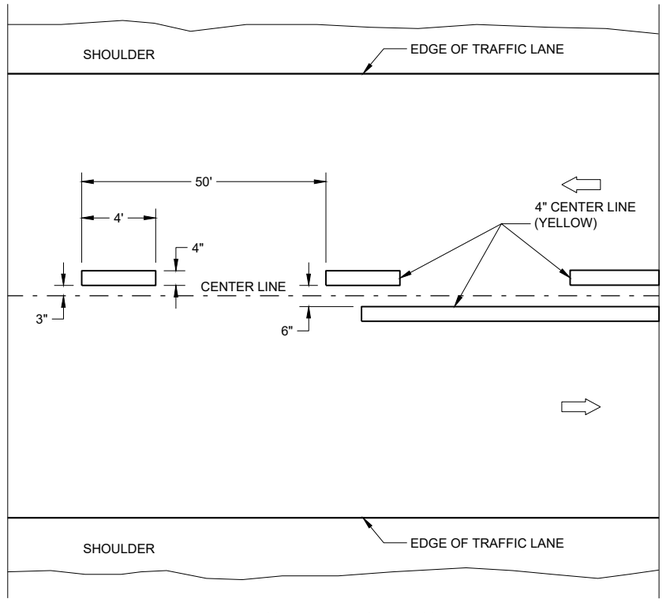


TWO WAY TRAFFIC

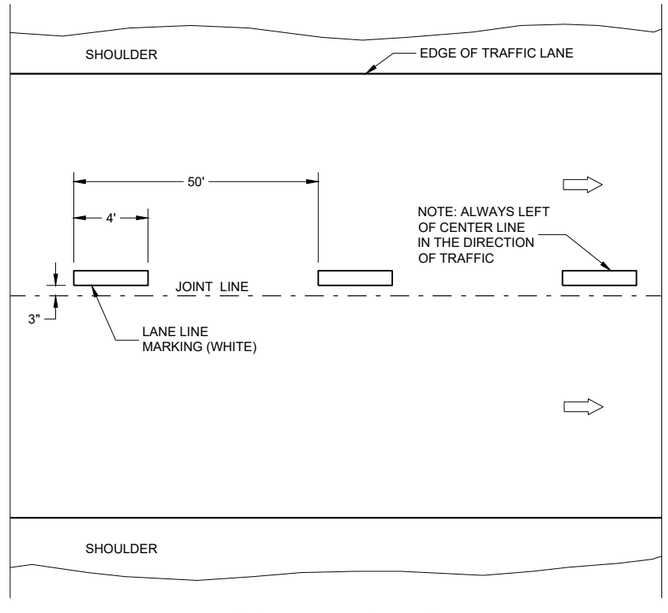


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NO SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

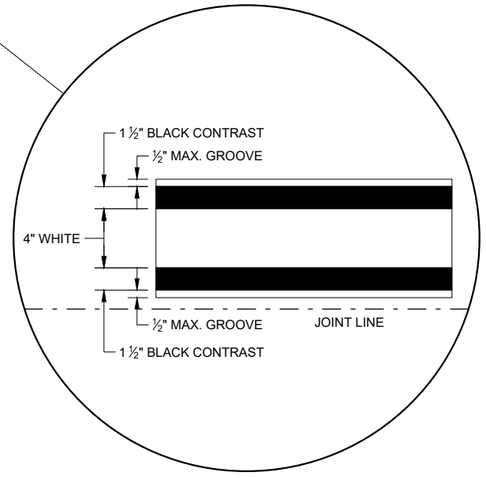
1. LOCATE THE NO PASSING ZONE W14-3 SIGN WITH 50 FEET OF THE "T" MARKING
2. MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



LONGITUDINAL MARKING (MAINLINE)

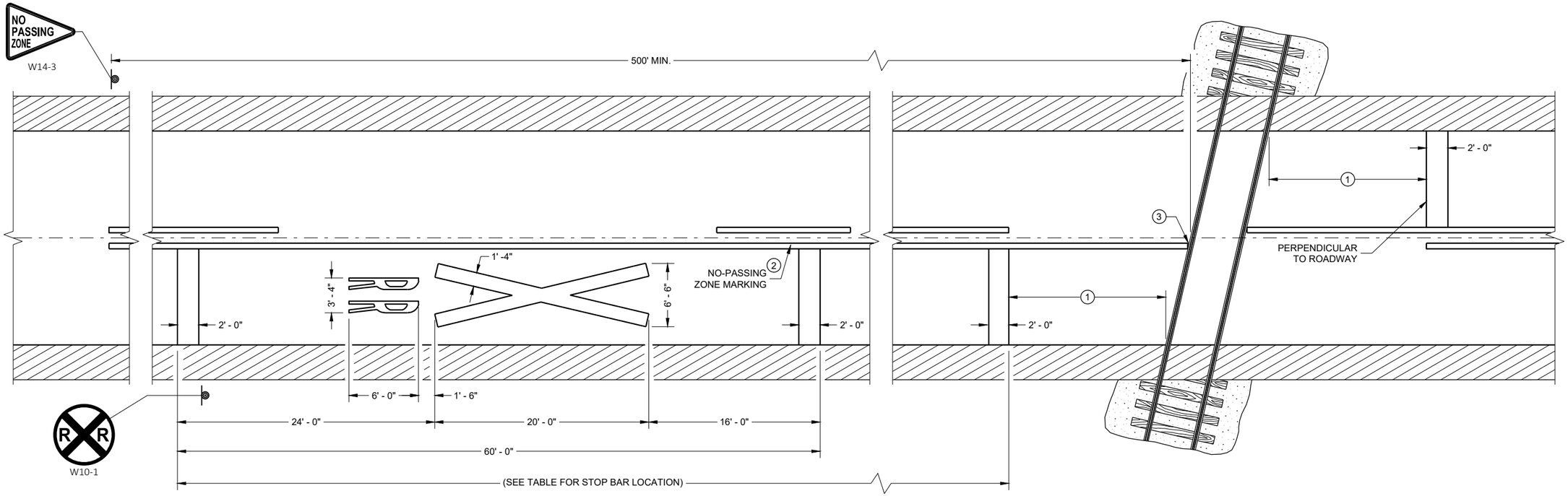
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE
/S/ Matthew Rauch
STATEWIDE SIGNING AND M ENGINEER

FHWA

SDD 15C08 - 20a

SDD 15C08 - 20a



PAVEMENT MARKING

LEGEND

SIGN ON PERMANENT SUPPORT

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.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) MINIMUM 8' FROM ANY RAILROAD WARNING DEVICES (SIGNAL , GATES, ETC.) OR 25' FROM THE NEAREST RAIL, WHICHEVER DISTANCE IS GREATER.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

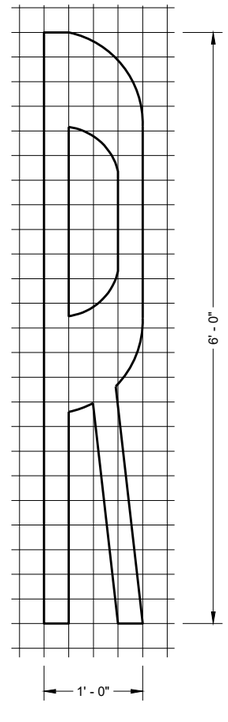
(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.



SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

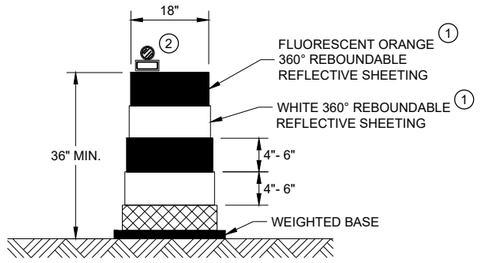
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SDD 15C09 - 12a

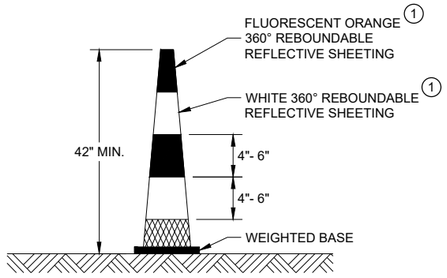
SDD 15C09 - 12a

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.

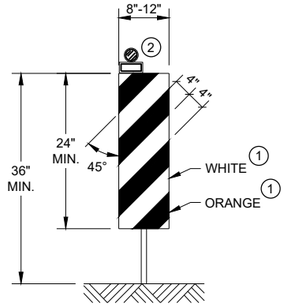


DRUM



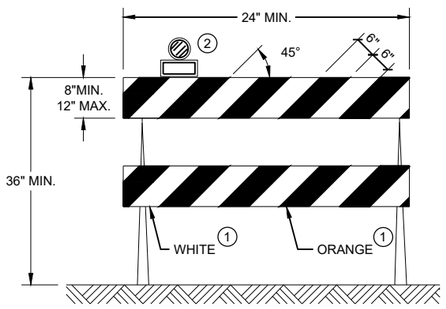
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS



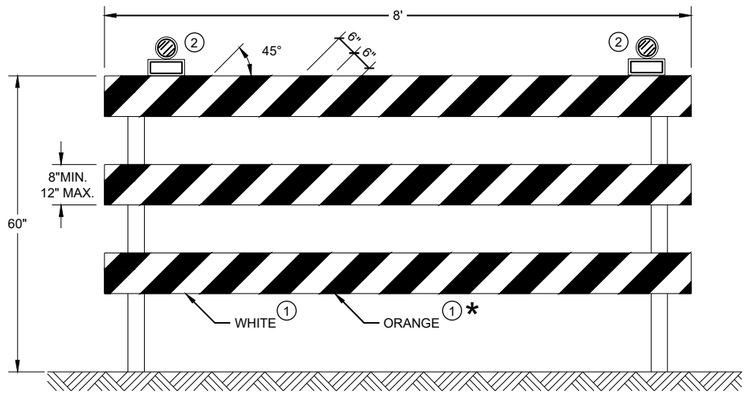
VERTICAL PANEL

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 2020
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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SDD 15C11 - 08b

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SDD 15C11 - 08b

LEGEND

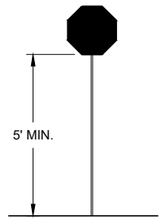
SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



STOP/SLOW PADDLE 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 SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FOR 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.

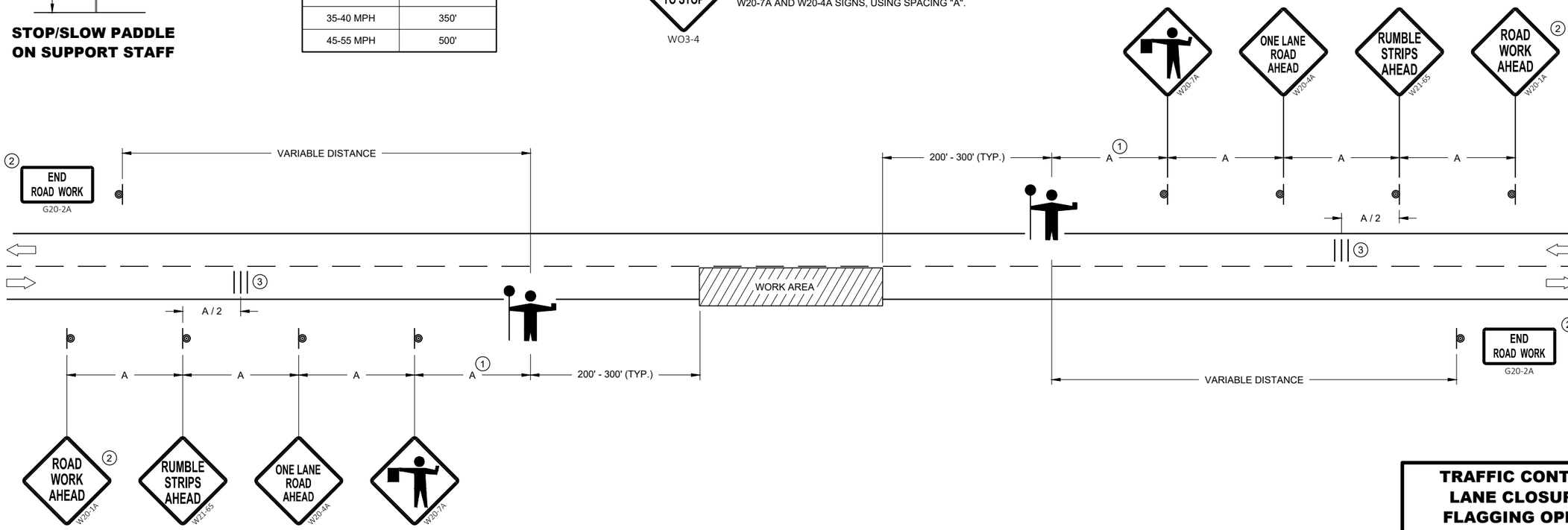
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C12 - 07

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

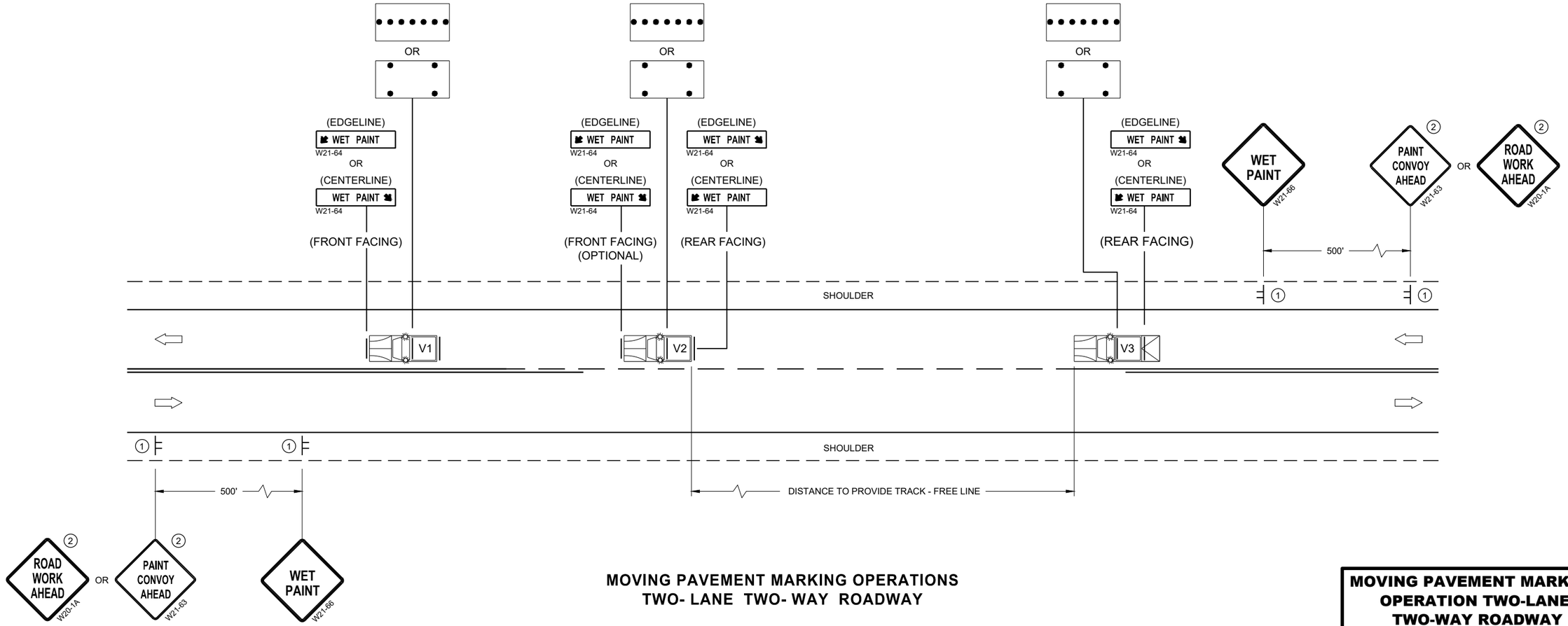
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 18" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

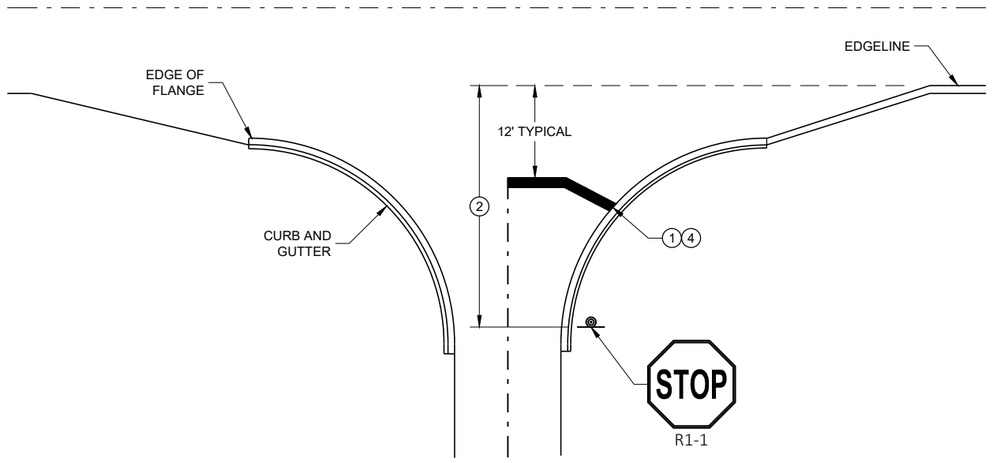
SDD 15C19 - 06a

SDD 15C19 - 06a

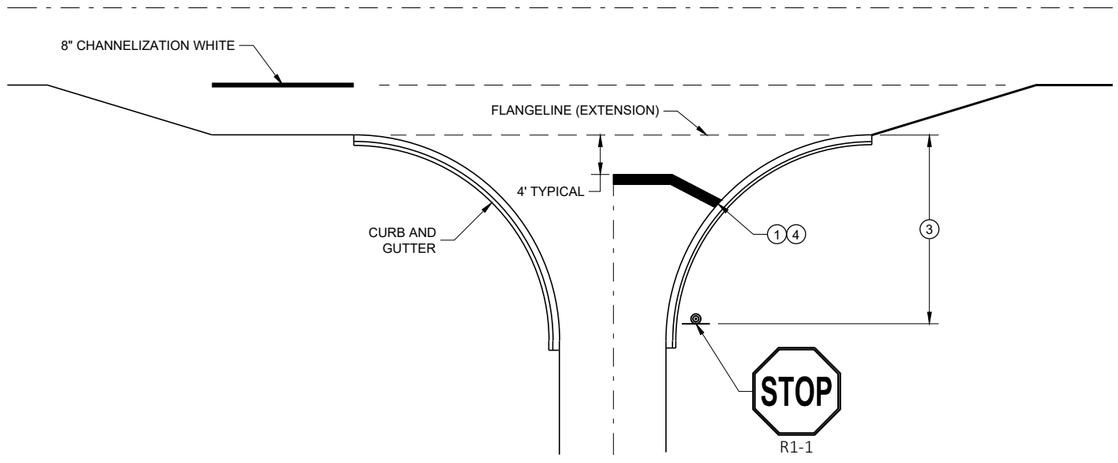
GENERAL NOTES

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

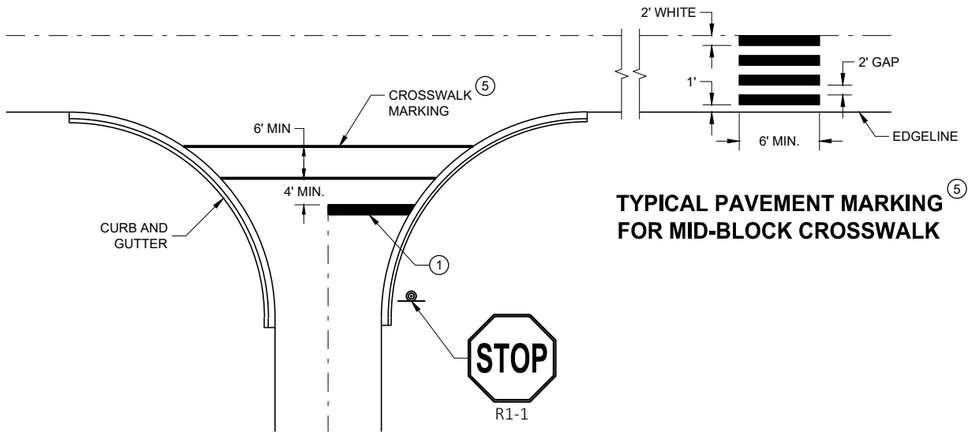
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE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



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

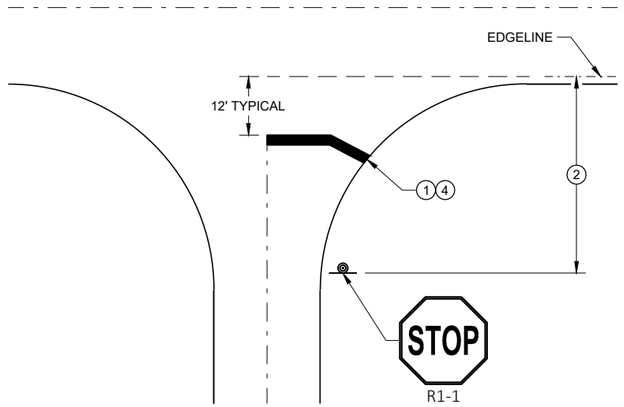


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

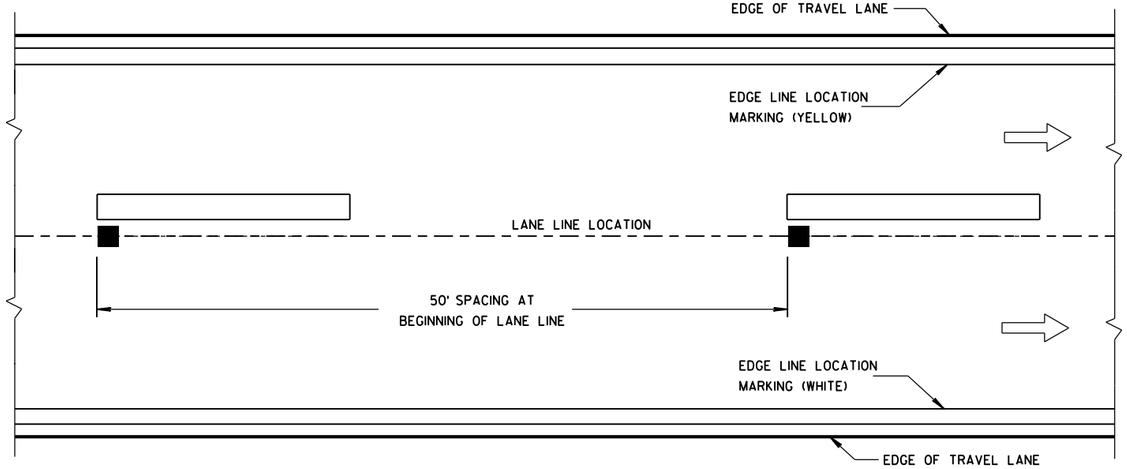
APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

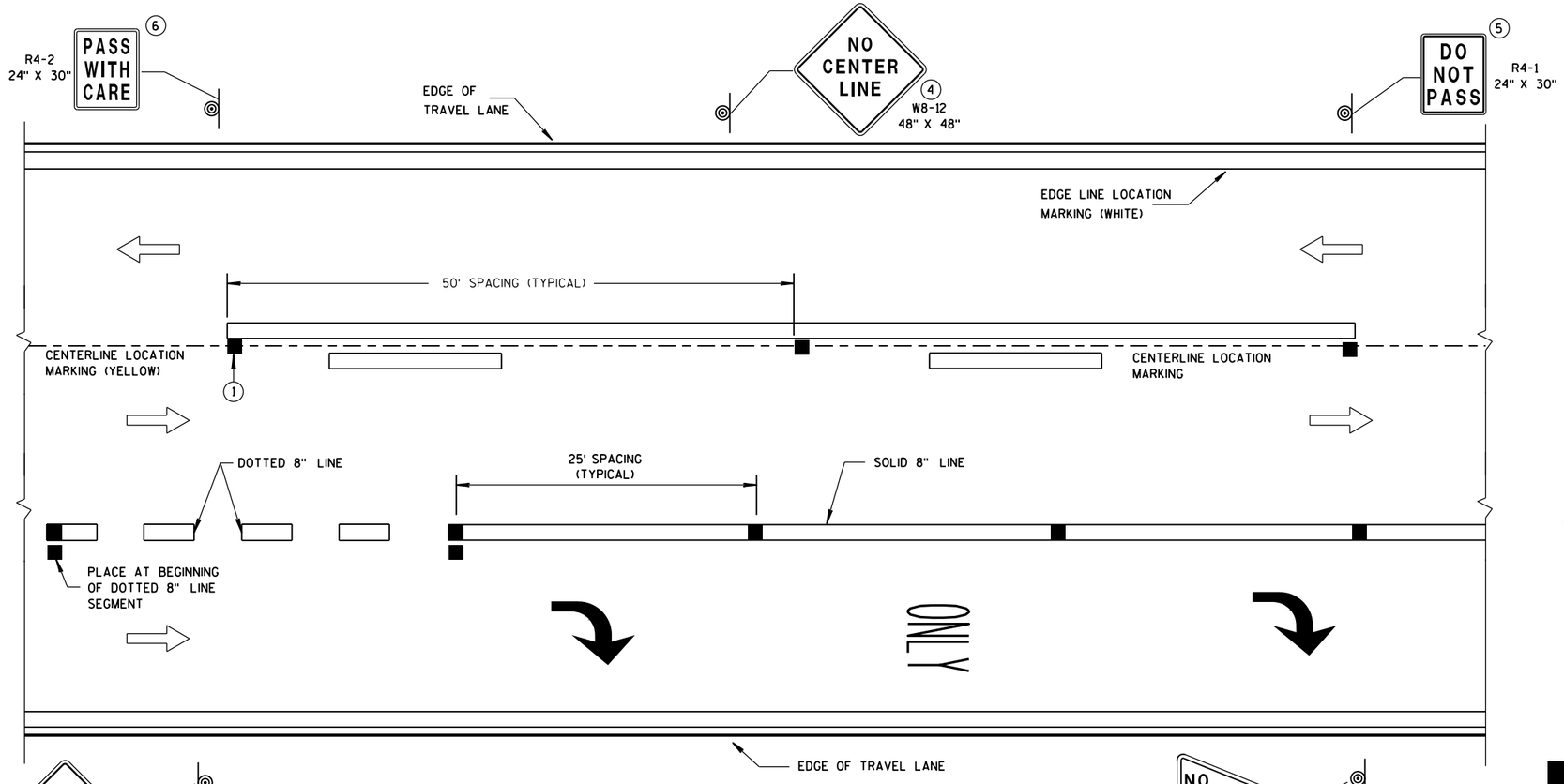
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SDD 15C33 - 04



LONGITUDINAL PLACEMENT 4-INCH LANE LINE



LONGITUDINAL PLACEMENT 4-INCH CENTERLINE AND 8-INCH CHANNEL LINE

GENERAL NOTES

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

COLOR OF TEMPORARY RAISED PAVEMENT MARKERS, TYPE II SHALL MATCH THE COLOR OF THE MARKING THEY SUPPLEMENT.

PLACEMENT OF TEMPORARY RAISED PAVEMENT MARKERS ON EDGE LINES ARE OPTIONAL. IF PLACED ON EDGE LINES, MAXIMUM SPACING SHALL BE 50 FEET.

PROVIDE SINGLE OR MULTI-COVER TEMPORARY RAISED PAVEMENT MARKERS AS SHOWN ON PLAN.

MARK T's ON PAVEMENT FOR RE-ESTABLISHING NO PASSING ZONES.

SAME DAY TEMPORARY PAVEMENT MARKING MAY BE USED IN LIEU OF TEMPORARY RAISED PAVEMENT MARKERS, TYPE II.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF TEMPORARY SAME DAY PAVEMENT MARKING IS USED, ENSURE PROPOSED PAVEMENT MARKINGS ARE PLACED IN THE EXACT LOCATIONS AS THE EXISTING MARKINGS, USING A MINIMAL AMOUNT OF TEMPORARY RAISED PAVEMENT MARKERS, TYPE II OR OTHER METHODS AS APPROVED BY THE ENGINEER.

IF ROADWAY IS DETOURED DURING CONSTRUCTION, THE DO NOT PASS, PASS WITH CARE AND NO CENTERLINE SIGNS MAY BE OMITTED, PROVIDED A LIQUID MARKING IS INSTALLED BEFORE THE ROADWAY IS REOPENED TO TRAFFIC.

(1) FOR DOUBLE SOLID YELLOW, PLACE THE MARKERS BETWEEN THE LINES.

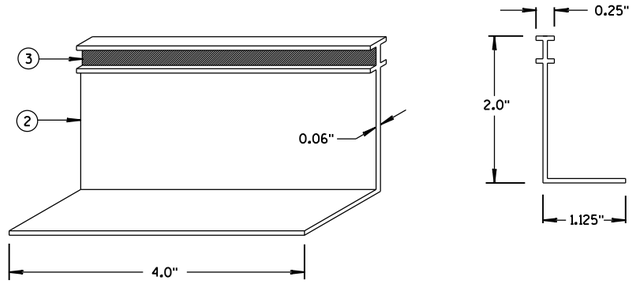
(2) MARKERS SHALL BE OF POLYURETHANE MATERIAL.

(3) MARKERS SHALL HAVE A MINIMUM SIZE REFLECTIVE SURFACE OF 4 INCH WIDTH X 0.25 INCH HEIGHT.

(4) NO CENTER LINE SIGNS SHALL BE PLACED AT THE BEGINNING OF PROJECT, AT TWO-MILE INTERVALS AND AFTER STATE AND COUNTY HIGHWAY INTERSECTIONS.

(5) DO NOT PASS SIGNS SHALL BE INSTALLED AT THE BEGINNING OF NO PASSING ZONES. ADDITIONAL DO NOT PASS SIGNS SHALL BE INSTALLED AT ONE MILE INTERVALS AND AFTER STATE AND COUNTY HIGHWAY INTERSECTIONS WITHIN THE NO PASSING ZONE.

(6) PASS WITH CARE SIGNS SHALL BE PLACED AT THE DOWNSTREAM END OF NO PASSING ZONES.



ISOMETRIC VIEW

SIDE VIEW

TEMPORARY RAISED PAVEMENT MARKER, TYPE II

LEGEND

- TEMPORARY RAISED PAVEMENT MARKER, TYPE II
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAVEL

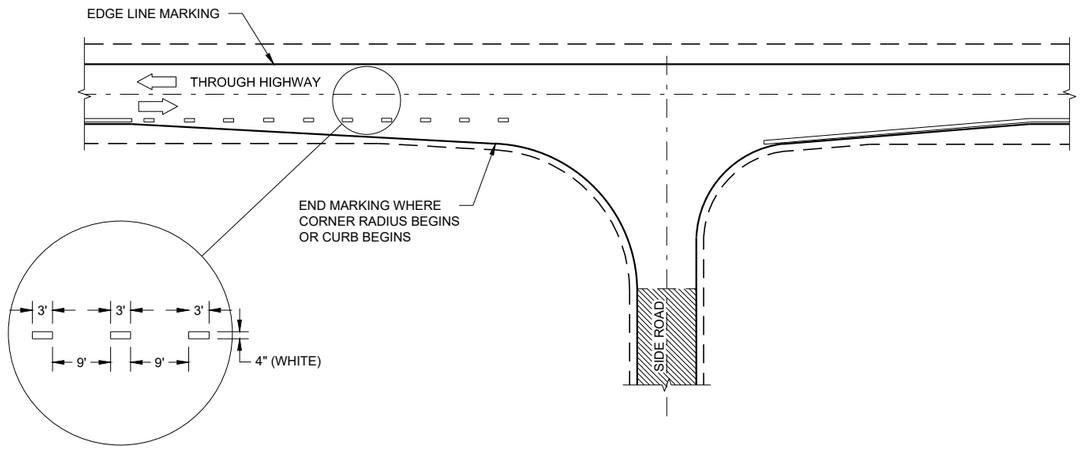
STANDARD APPLICATION FOR TEMPORARY RAISED PAVEMENT MARKERS, TYPE II

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

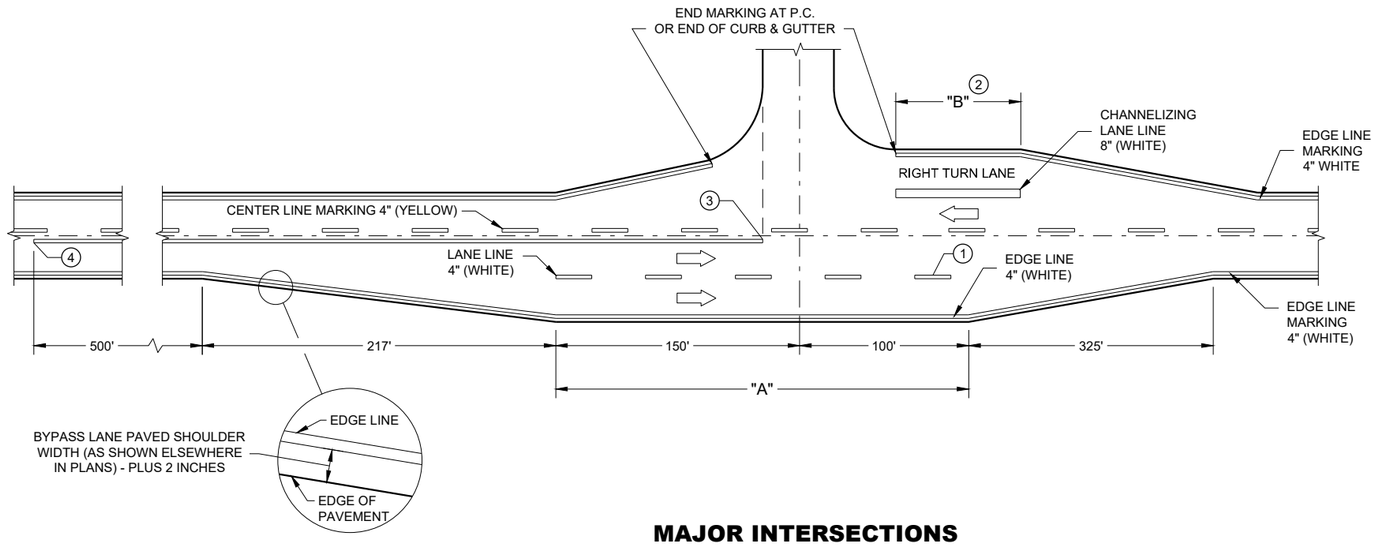
APPROVED
6-2017 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MAR ENGINEER
FHWA

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S.D.D. 15 C 34-3



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

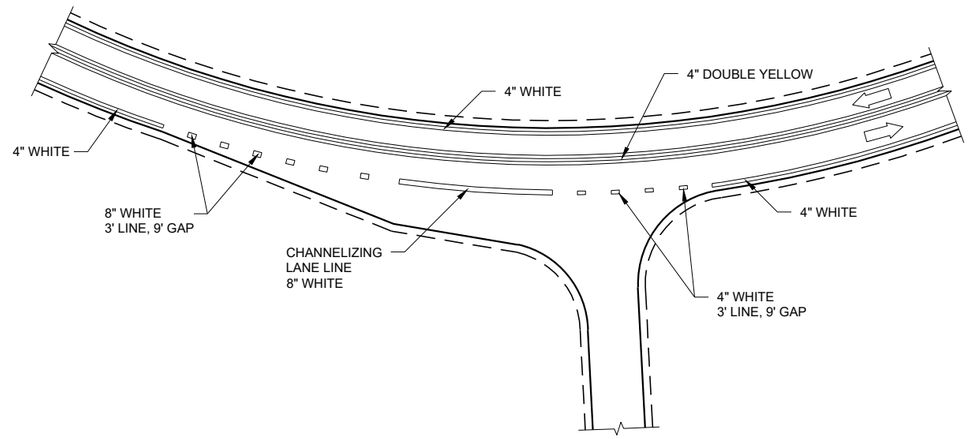
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
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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.

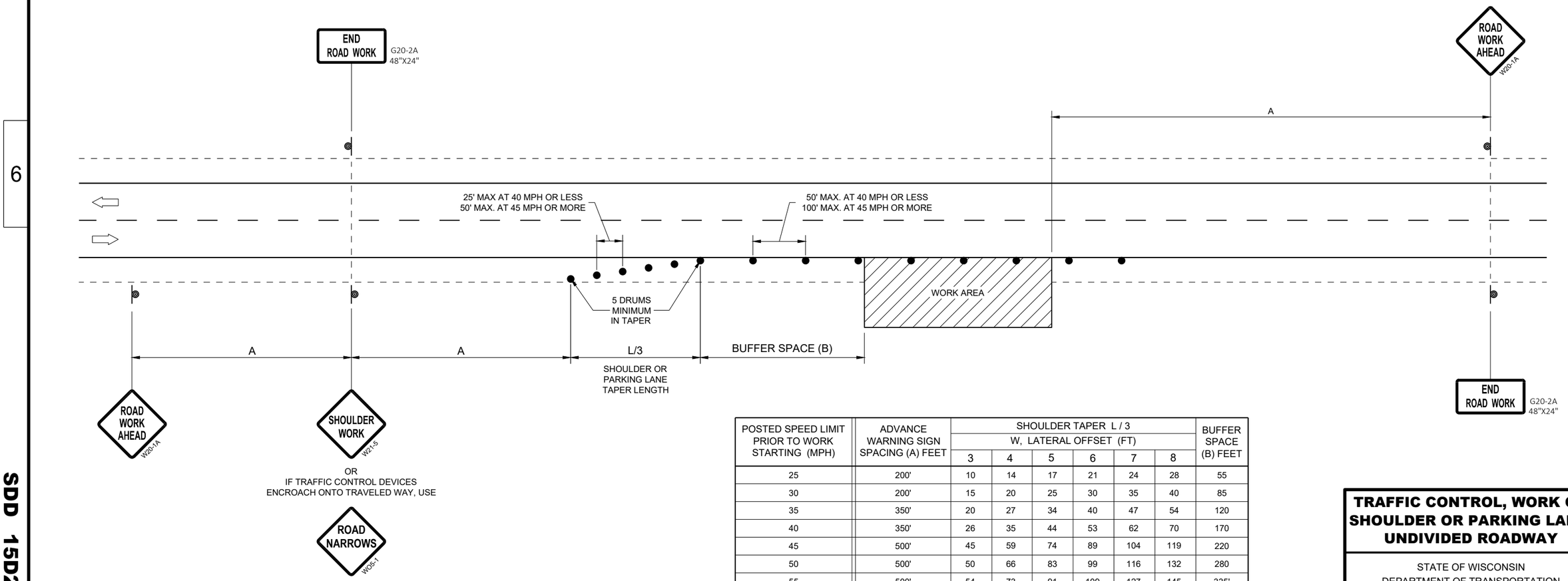
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

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

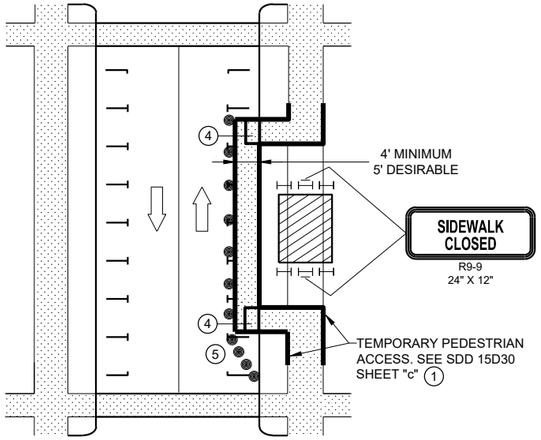
/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

FHWA

SDD 15D28 - 04

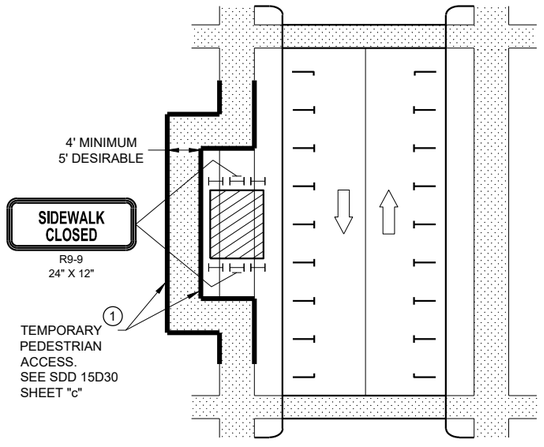
SDD 15D28 - 04

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

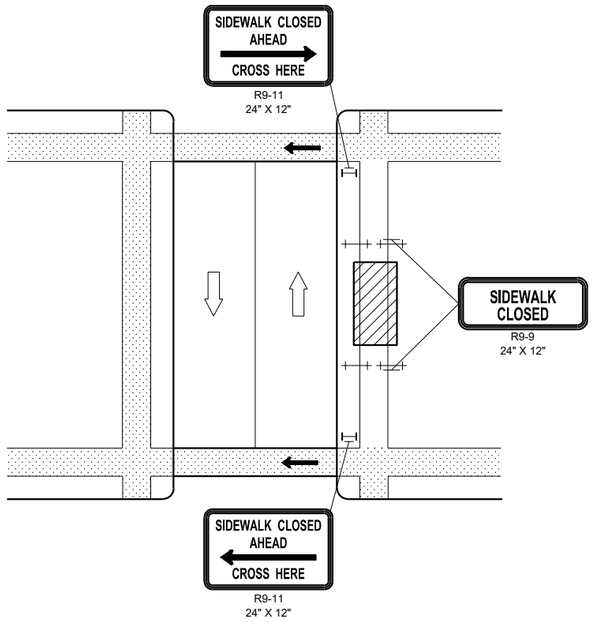


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

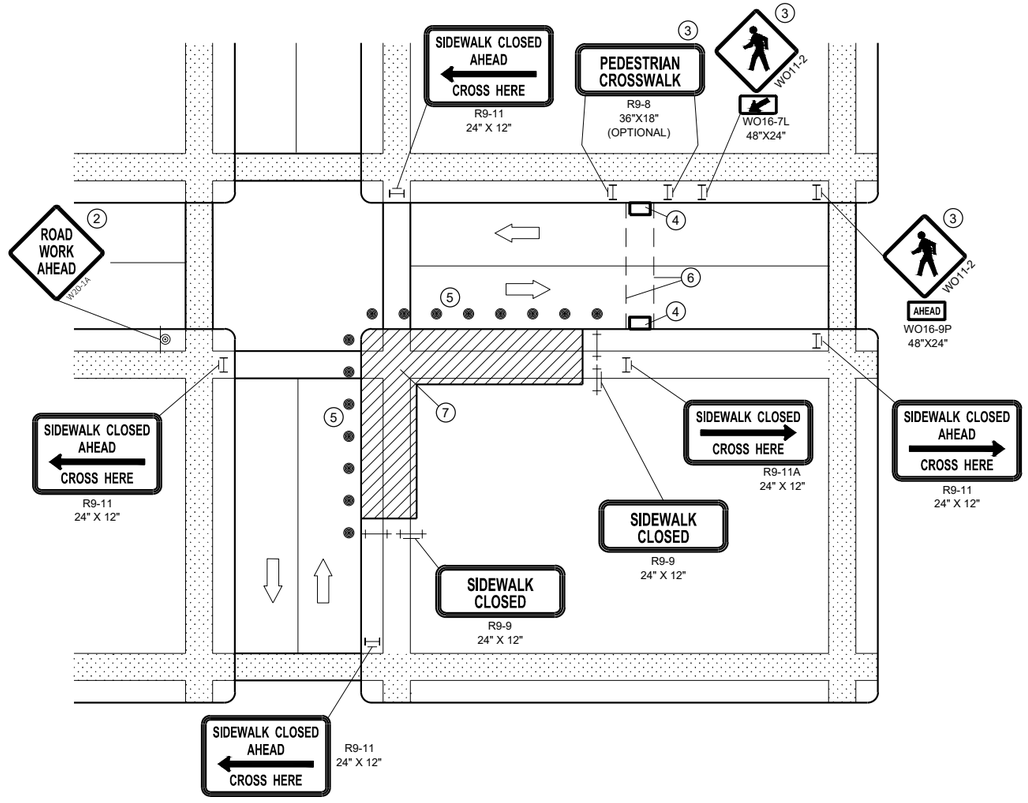
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

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

FOR NIGHTIME CLOSURE, USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEK LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

(1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE

(2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.

(3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.

(4) TEMPORARY CURB RAMPS. SEE SDD 15D30 SHEET "b'.

(5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.

(6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.

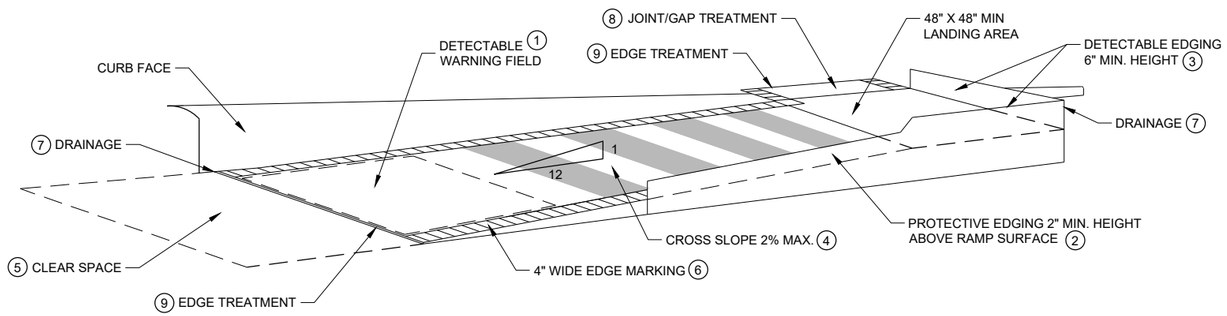
(7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

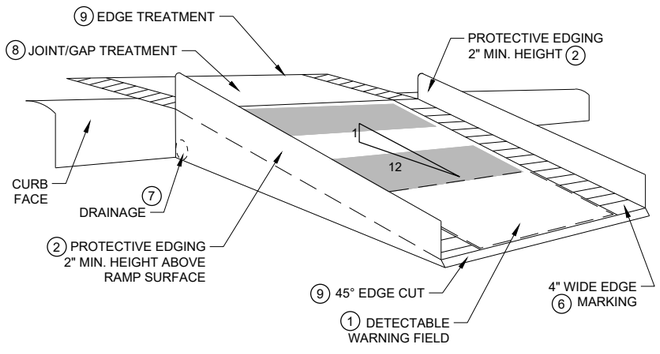
- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW INTENSITY FLASHING)
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

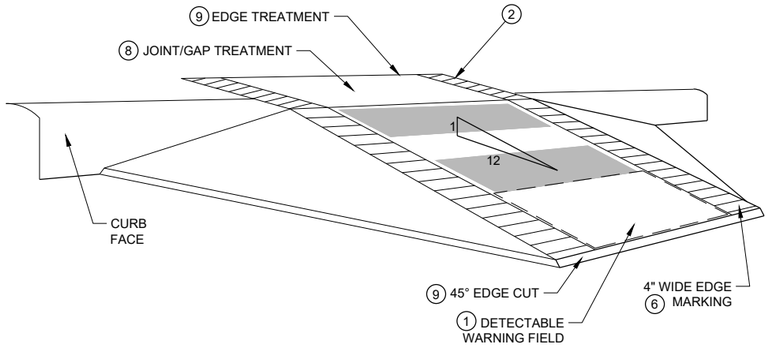
SDD15D30 - 06a
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TEMPORARY CURB RAMP PARALLEL TO CURB



WITH PROTECTIVE EDGE



WITH SIDE APRON

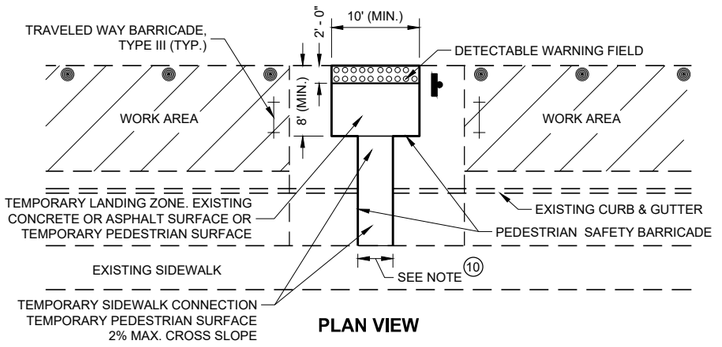
TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

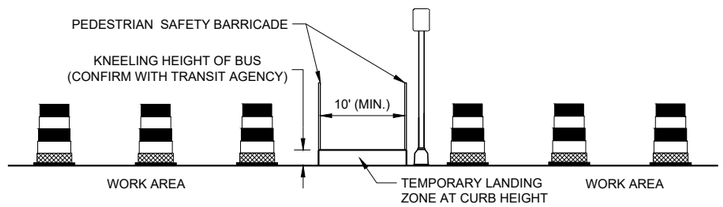
NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

1. CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 08D05, SHEET "e".
2. PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.
3. DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).
4. CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.
5. CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
6. THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.
7. DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.
8. LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.
9. CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES SHALL BE VERTICAL UP TO ¼" HIGH AND BEVELED AT 1:2 BETWEEN ¼" AND ½".
10. 5" WIDE MIN. WITH PEDESTRIAN SAFETY BARRICADE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY BARRICADE.



PLAN VIEW



PROFILE VIEW

TEMPORARY BUS STOP PAD

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- WORK AREA

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

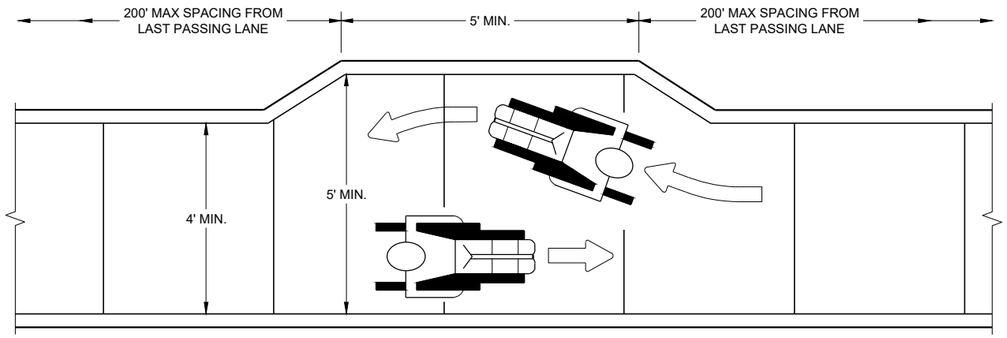
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA 187

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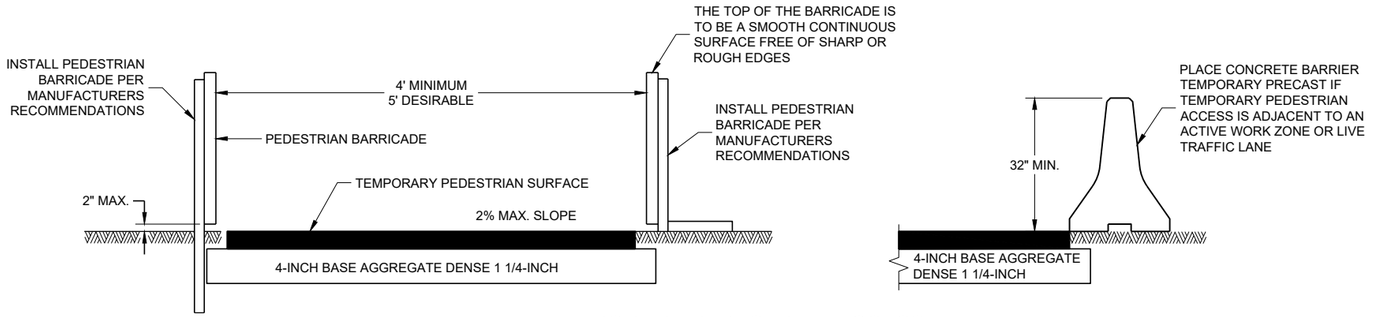
SDD 15D30 - 06b

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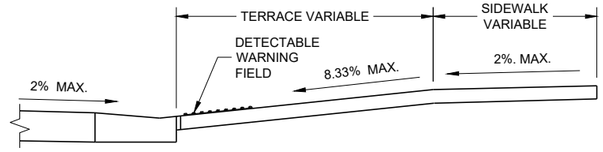
SDD 15D30 - 06b



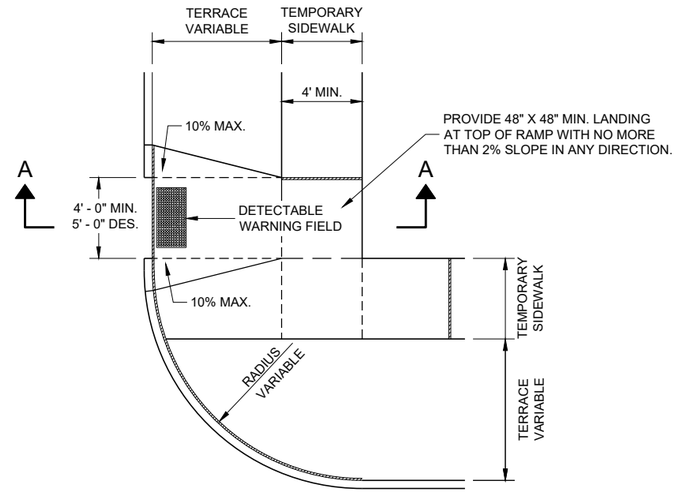
NARROW SIDEWALK PASSING DETAIL



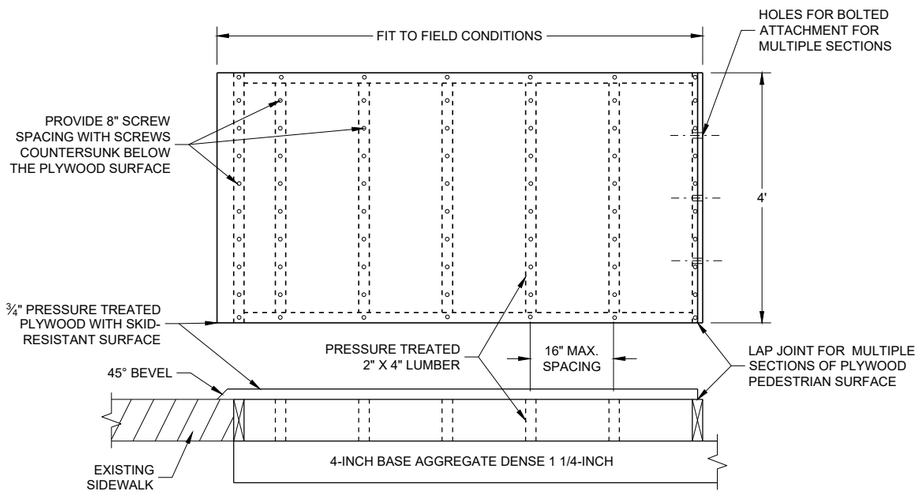
TEMPORARY PEDESTRIAN ACCESS



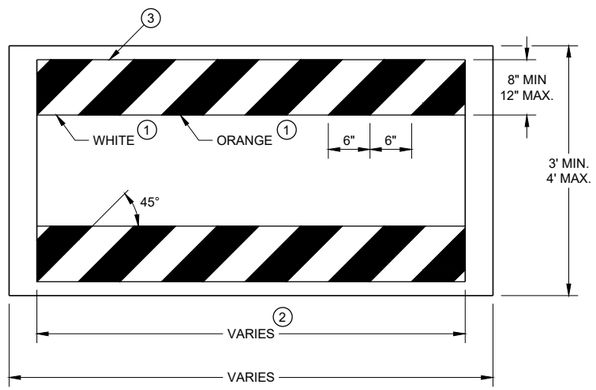
SECTION A - A



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



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



TEMPORARY PEDESTRIAN BARRICADE *

GENERAL NOTES

BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.
3. PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

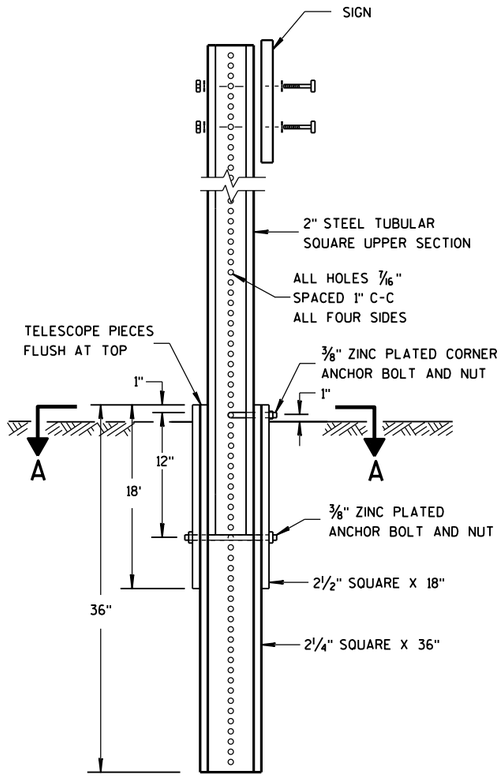
/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

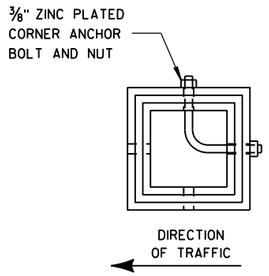
SDD 15D30 - 06c

6

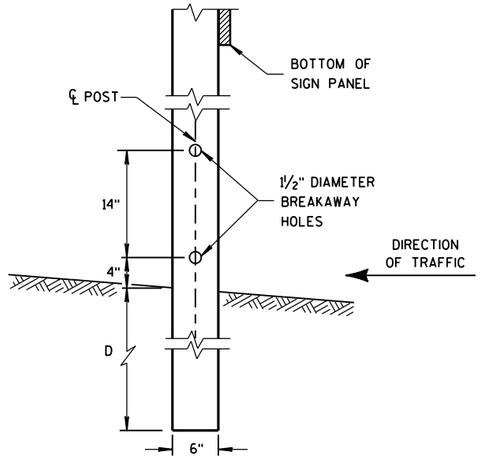
SDD 15D30 - 06c



DETAIL OF TUBULAR STEEL SIGN POST



SECTION A-A



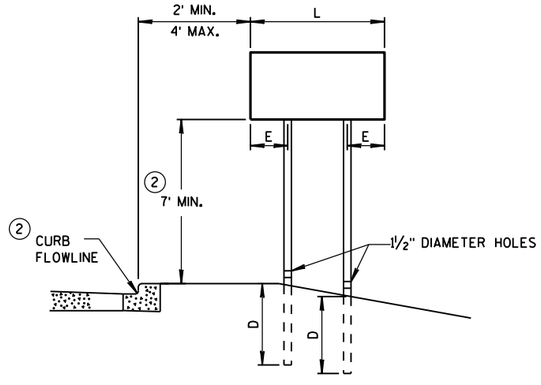
4"x6" WOOD POST MODIFICATION

GENERAL NOTES

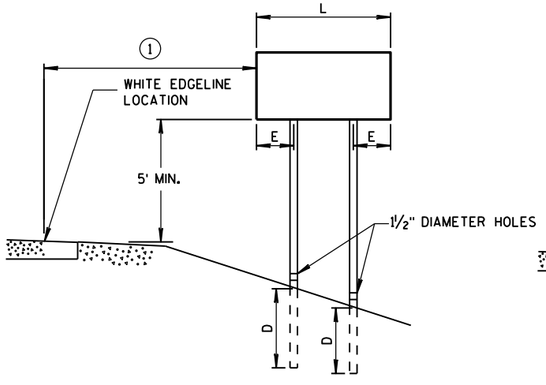
(1) 6 FEET FROM THE EDGE OF PAVEMENT (EDGE LINE LOCATION) UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER. LATERAL OFFSET SHOULD BE ADJUSTED TO AVOID THE DITCH FLOWLINE.

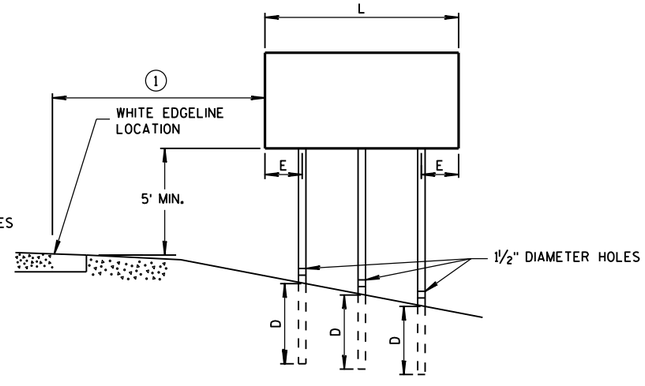
(2) THE EXISTENCE OF CURB AND GUTTER DOES NOT IN ITSELF MANDATE THE VERTICAL CLEARANCE ILLUSTRATED. THAT HEIGHT IS TYPICALLY MEASURED WHERE THERE IS SIDEWALK ADJACENT TO THE ROADWAY OR PARKING IS PERMITTED. IN THE ABSENCE OF SIDEWALK, VERTICAL CLEARANCE IS MEASURED FROM THE TOP OF THE CURB. IF NO SIDEWALK AND NO PARKING, VERTICAL CLEARANCE MAY BE REDUCED TO 5 FOOT MINIMUM. OFFSET OF SIGNS IS MEASURED FROM THE CURB FLOWLINE.

(3) FOR SIGNS REQUIRING 4 POSTS, SPACE INTERMEDIATE POSTS EVENLY.



URBAN AREA





RURAL AREA

POST MOUNTING DETAIL FOR TEMPORARY TRAFFIC CONTROL FIXED MESSAGE SIGNS

TUBULAR STEEL POSTS

AREA OF SIGN INSTALLATION (SQ. FT.)	NUMBER OF REQUIRED TUBULAR STEEL 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).

SIGNS LARGER THAN 27 SQ. FT. SHALL NOT BE MOUNTED ON TUBULAR STEEL POSTS.

WOOD POST EMBEDMENT DEPTH

AREA OF SIGN INSTALLATION (SQ. FT.)	D (MIN)
20 OR LESS	4'
GREATER THAN 20	5'

4" X 6" WOOD POST

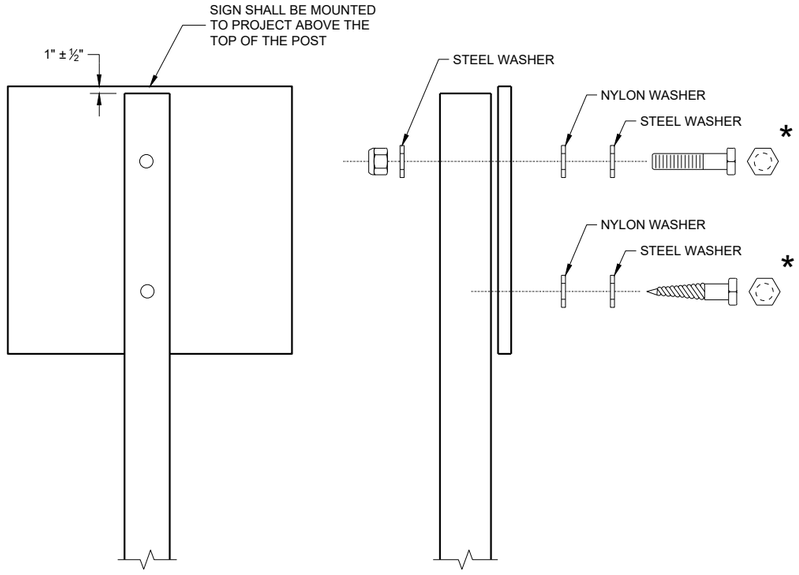
POST SPACING REQUIREMENTS		NUMBER OF WOOD POSTS REQUIRED
L	E	
48" OR LESS AND LESS THAN 20 SQ. FT.	-	1
LESS THAN 60"	12"	2
60" TO 120"	L/5	2
GREATER THAN 120" LESS THAN 168"	12"	3
168" AND GREATER	12"	4

SEE NOTE (3)

TEMPORARY TRAFFIC CONTROL SIGN MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 15 D 38-2a



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.

WOOD POST (4" x 6")
- LAG SCREWS - ⅜" x 3"
- MACHINE BOLTS - 5/16" x 6 ½" OR 7" LENGTH W/NUTS

SQUARE STEEL POST (2" x 2")
- MACHINE BOLTS - ⅜" x 3 ¼" LENGTH W/NUTS
- RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE 0.720 - 0.765 INCH, GRIP RANGE 0.042 - 0.375 INCH

WASHERS (ALL POSTS) -
- 1 ¼" O.D. x ⅜" I.D. x 1/16" STEEL
- 1 ¼" O.D. x ⅜" I.D. x 0.080 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. FOR A SINGLE POST INSTALLATION, ALL SIGNS GREATER THAN 9 SQ. FT. REQUIRE THE USE OF 3 FASTENERS.

6

6

SDD15D38 - 02b

SDD15D38 - 02b

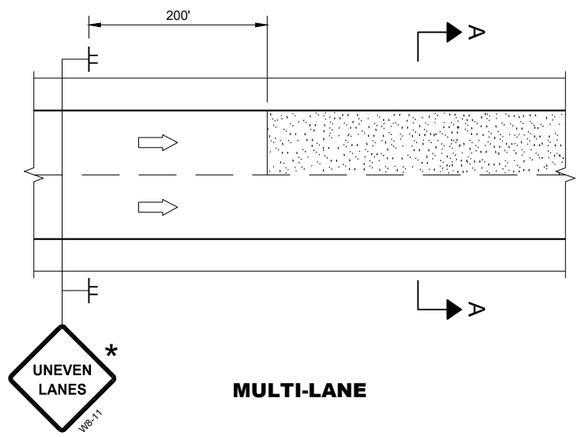
ATTACHMENT OF SIGNS TO POSTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

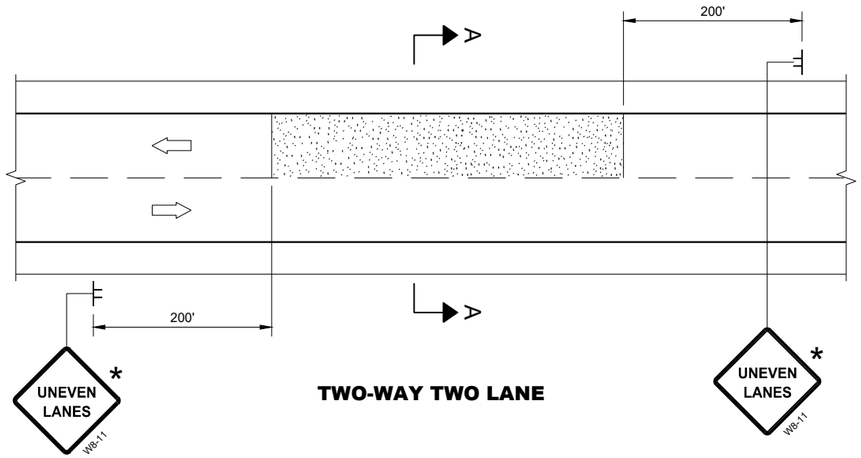
APPROVED
June 2017
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA



MULTI-LANE



TWO-WAY TWO LANE

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

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

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

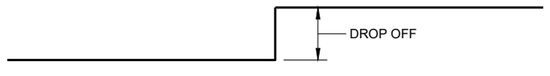
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

* IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

(1) USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

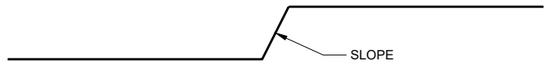
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE

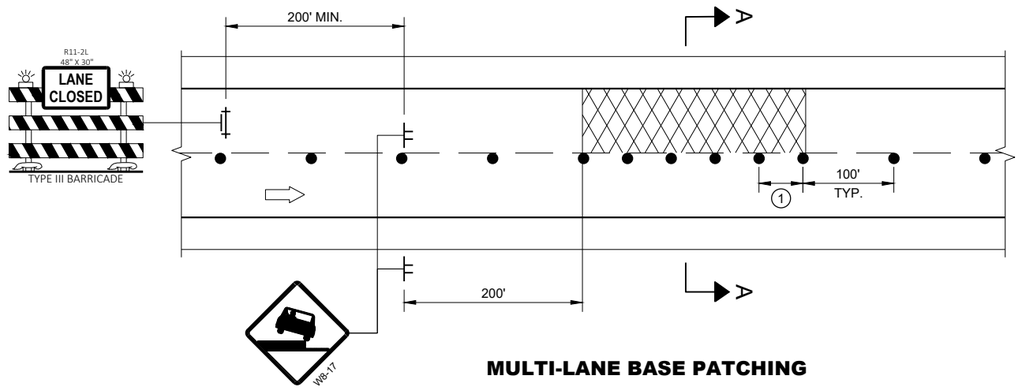


SECTION A - A

OR

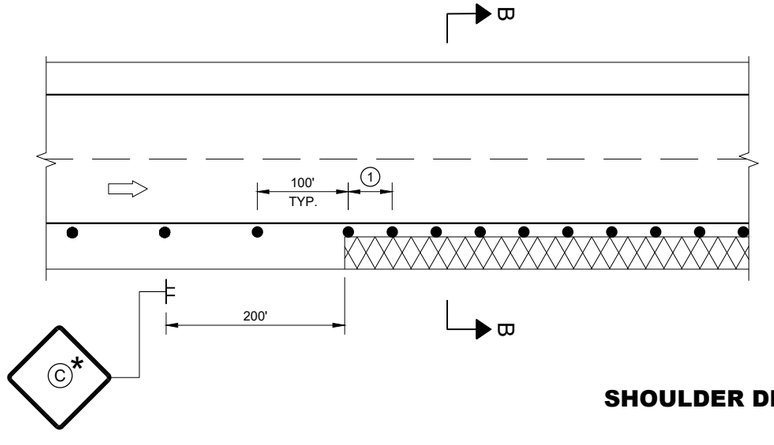


SECTION A - A

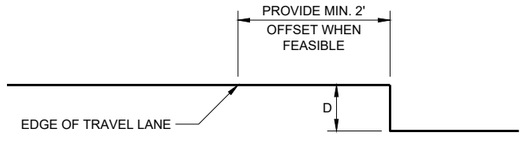


MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN (C)
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT

TRAFFIC CONTROL, DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15D39 - 02

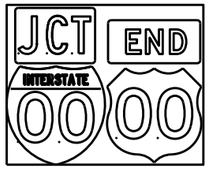
6

SDD 15D39 - 02

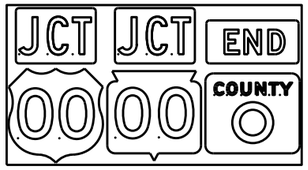
TYPICAL ASSEMBLIES



J1-1



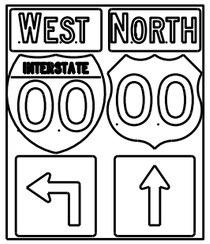
J1-2



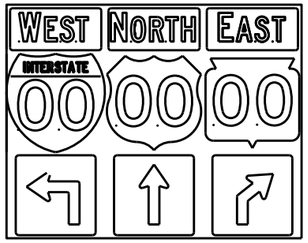
J1-3



J2-1



J2-2

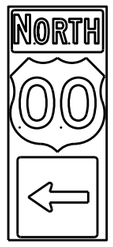


J2-3

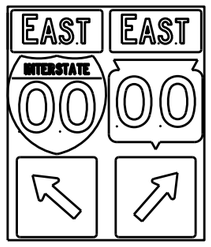


JV

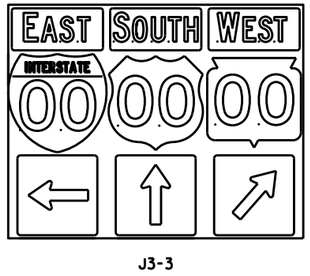
(Typical Vertical J-Assembly
See Note 10 and 11)



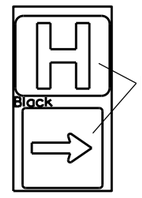
J3-1



J3-2



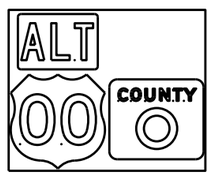
J3-3



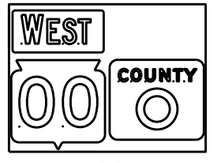
JH-1



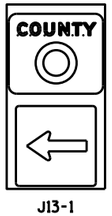
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1

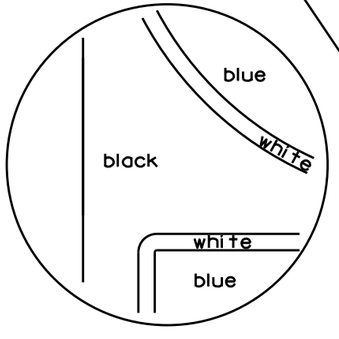


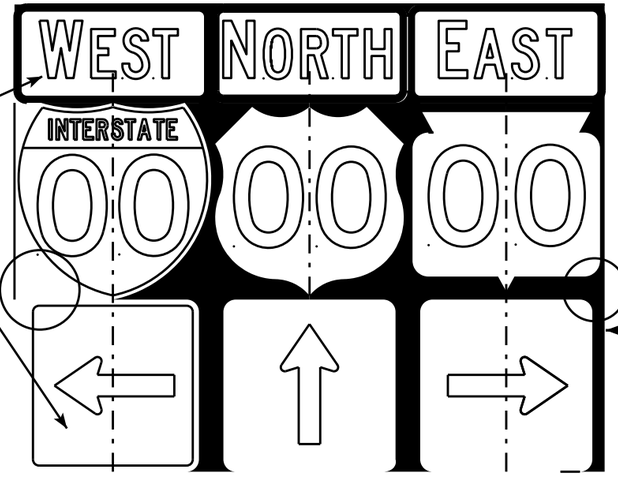
J23-1

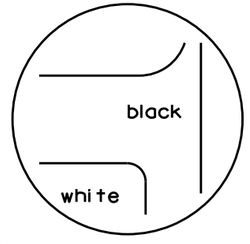


J22-1

[blue background with interstate]







[black background]

NOTES

1. Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Black Non-reflective
   Message - see Note 5
3. Message Series - See Note 5
4. Corners shall be square or rounded if base material is plywood. If base material is metal the corners shall be rounded.
5. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
6. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
7. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
8. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. Route assemblies that have 36 inch shields and have dimensions greater than 48 inchs (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
10. All Vertical J Assemblies are given a Sign Code of JV
11. For JV Assemblies that have a mixture of Interstate and non Interstate shields, arrows and cardinals shall be white on blue.

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

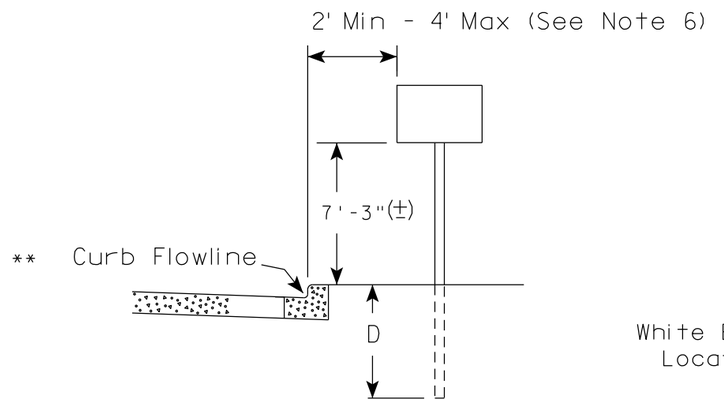
DATE 2/06/14 PL... A2-1S.8

PROJECT NO: | SHEET NO: E

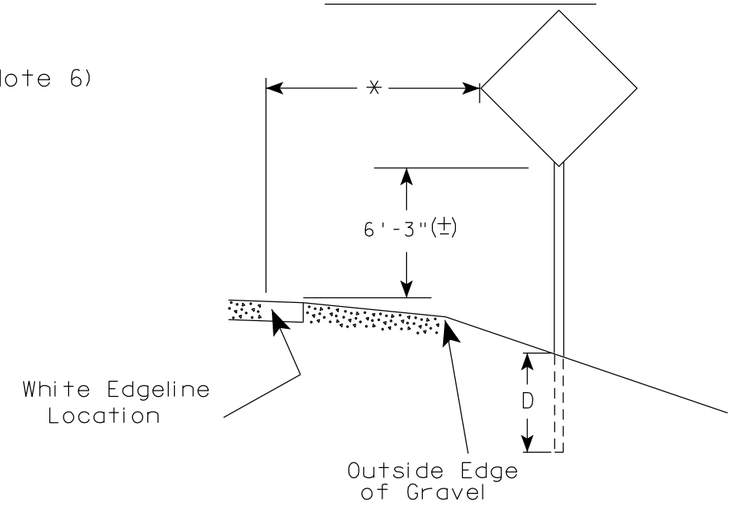
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN PLOT DATE : 06-FEB-2014 14:10 PLOT BY : mscsja PLOT NAME :

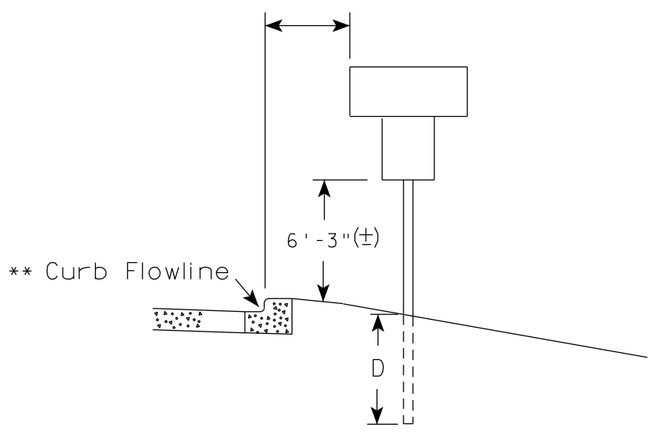
WISDOT/CADDS SHEET 42

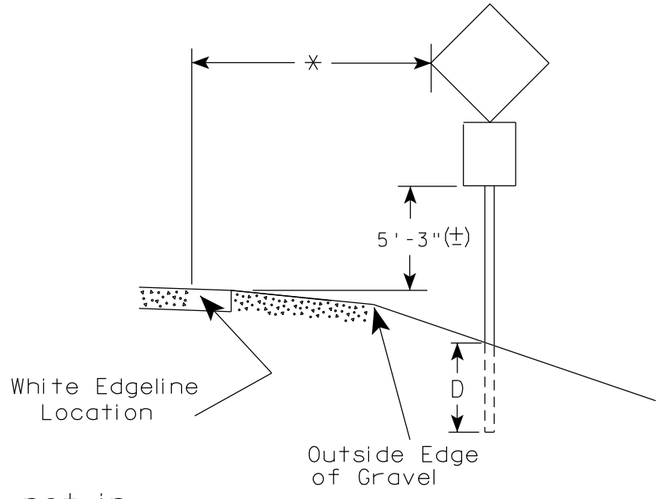
URBAN AREA



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" (±). 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. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

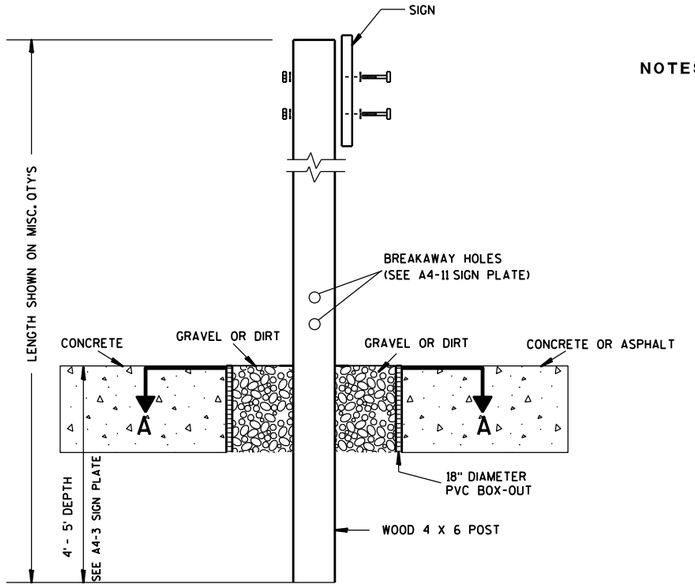
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

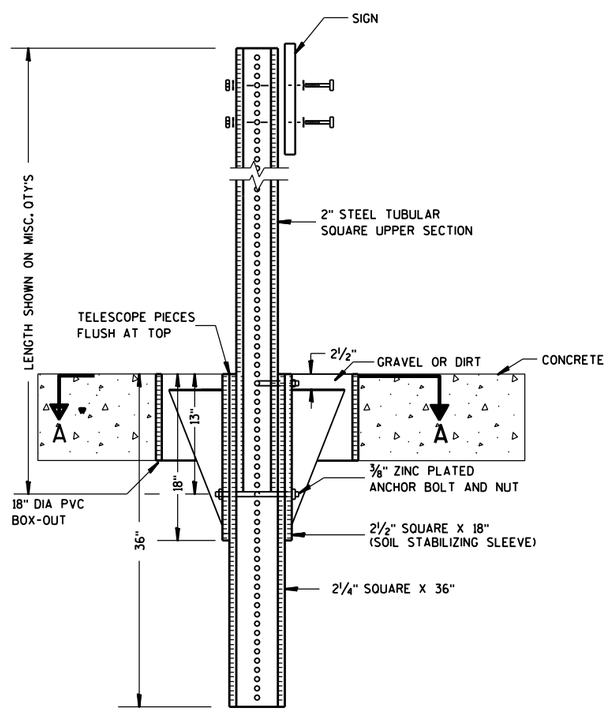
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 193	E



ELEVATION VIEW

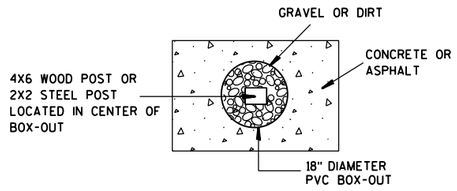
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

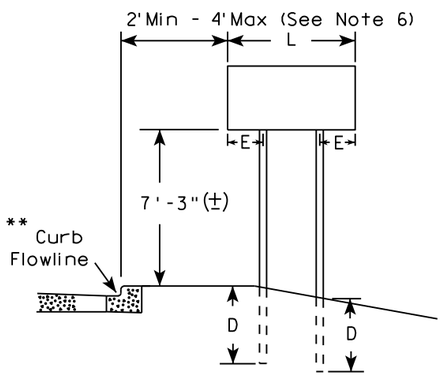
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

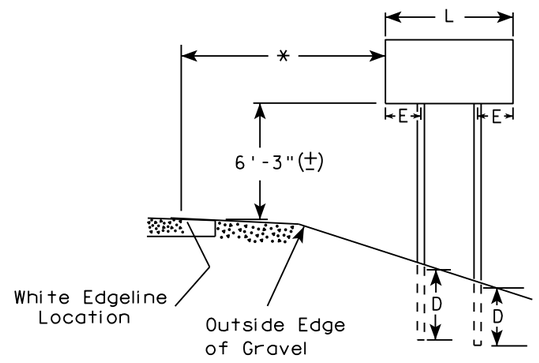
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

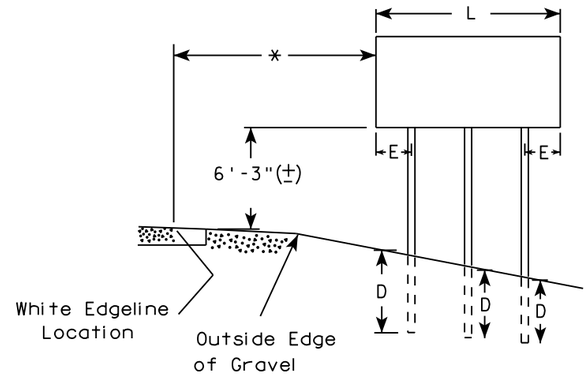
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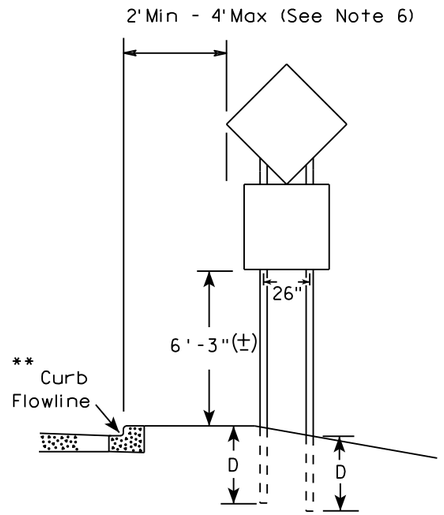
URBAN AREA



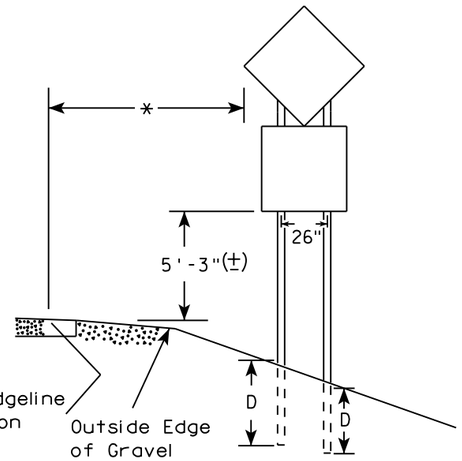
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-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" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-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" (±).

* 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'

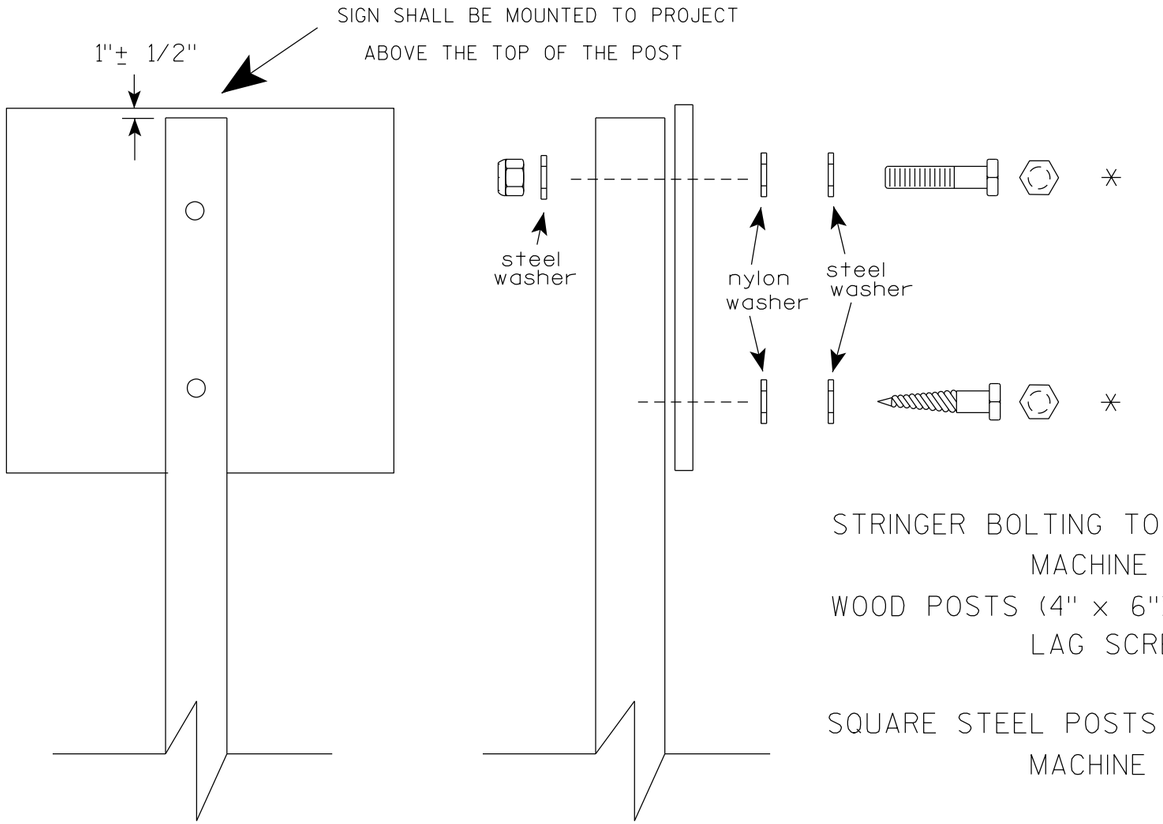
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 195	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

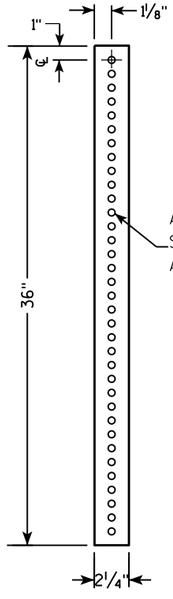
DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

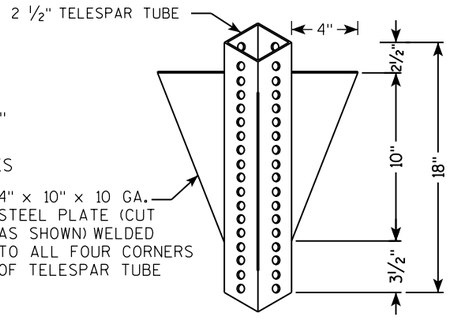
SHEET NO: 196 E

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

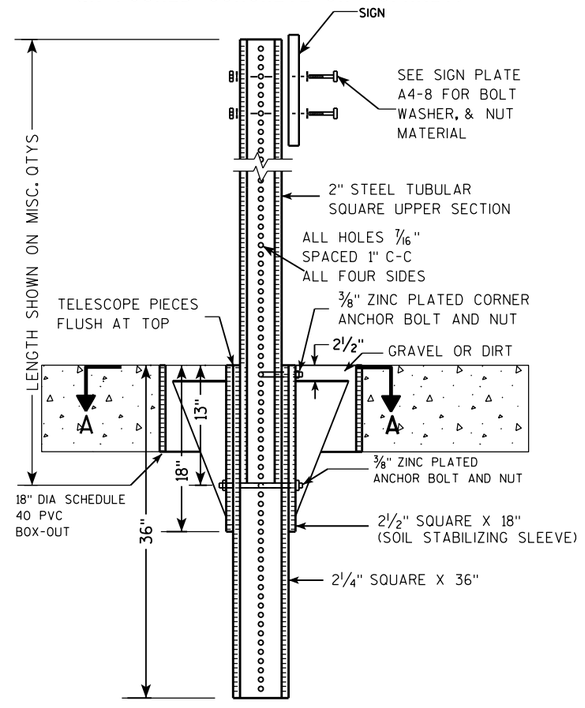
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



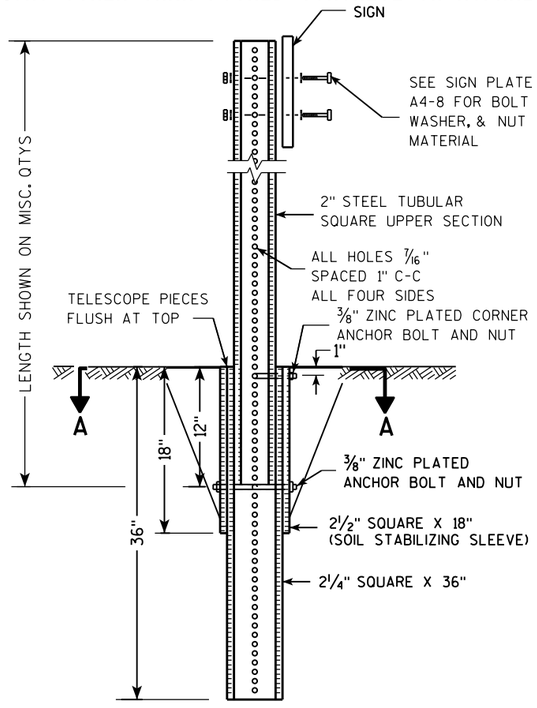
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

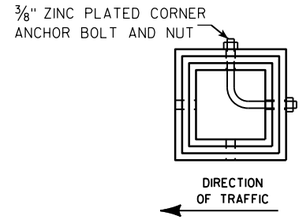


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



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

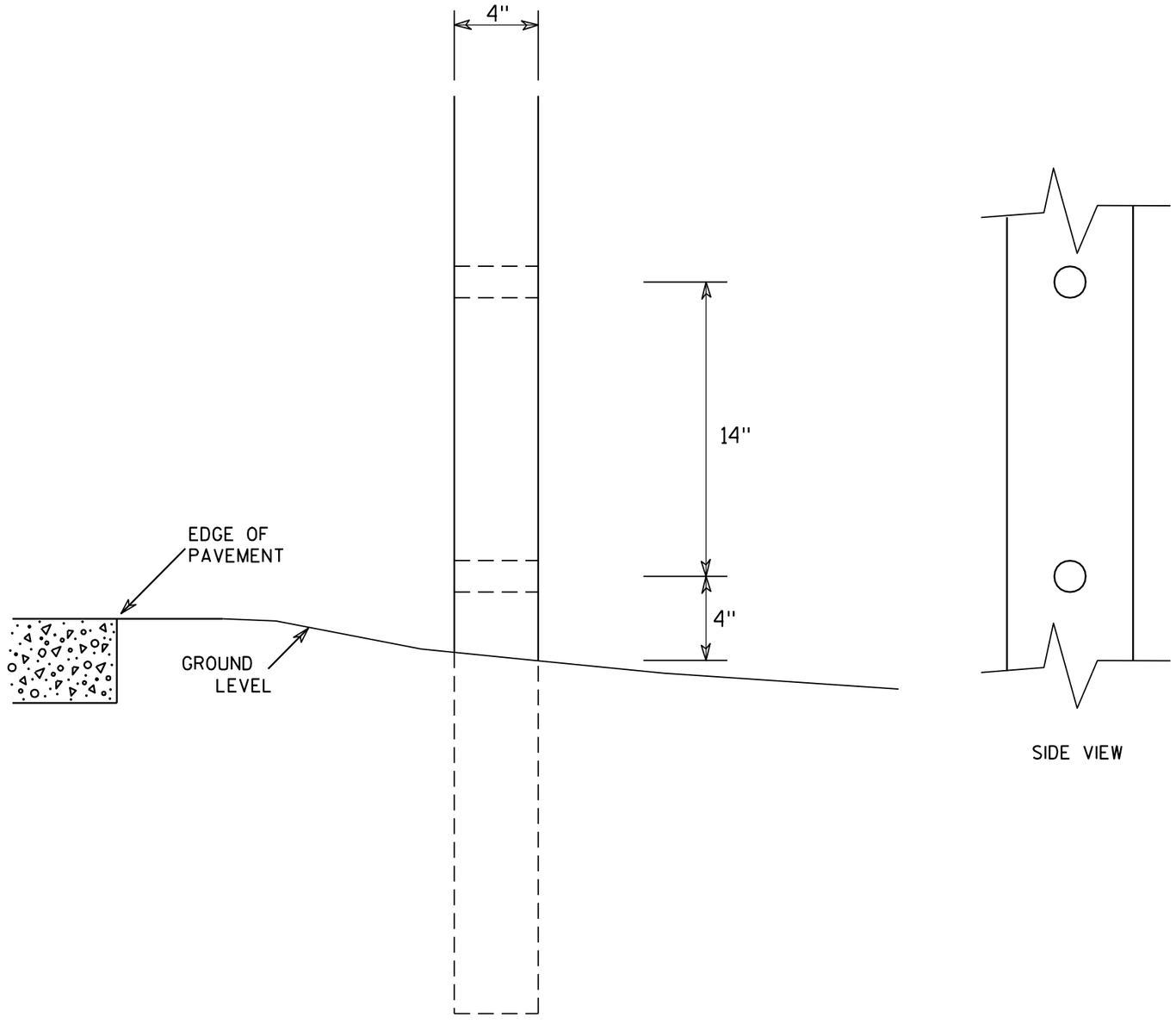
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 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

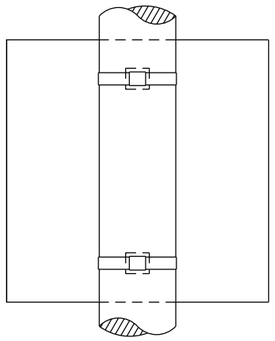
APPROVED Chester J Spang for State Traffic Engineer

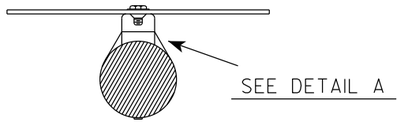
DATE 3/27/97 PLATE NO. A4-11.2

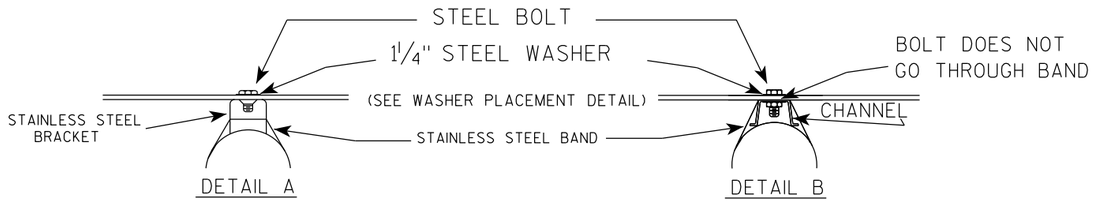
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 198	E

BANDING

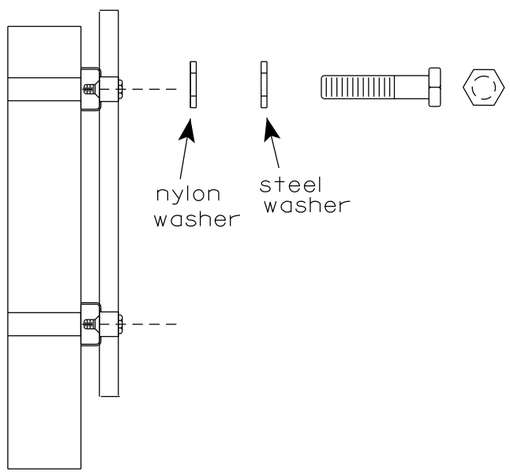
SINGLE SIGN







WASHER PLACEMENT

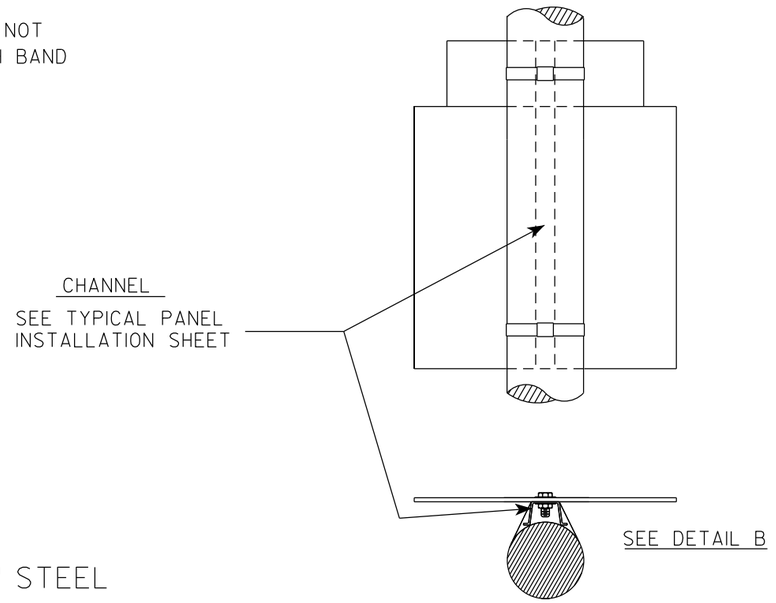


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be ¾" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
   a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
   b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

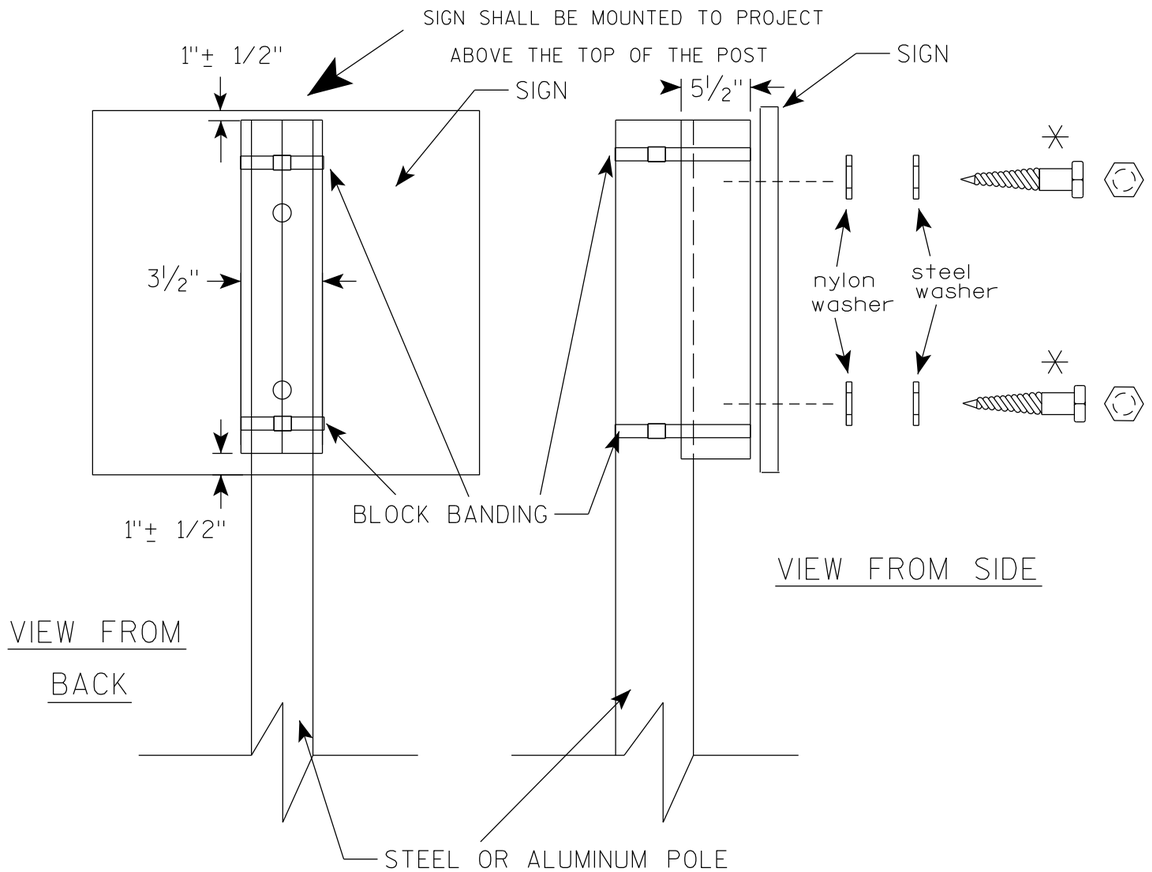
DATE 6/10/19 PLATE NO. A5-9.4

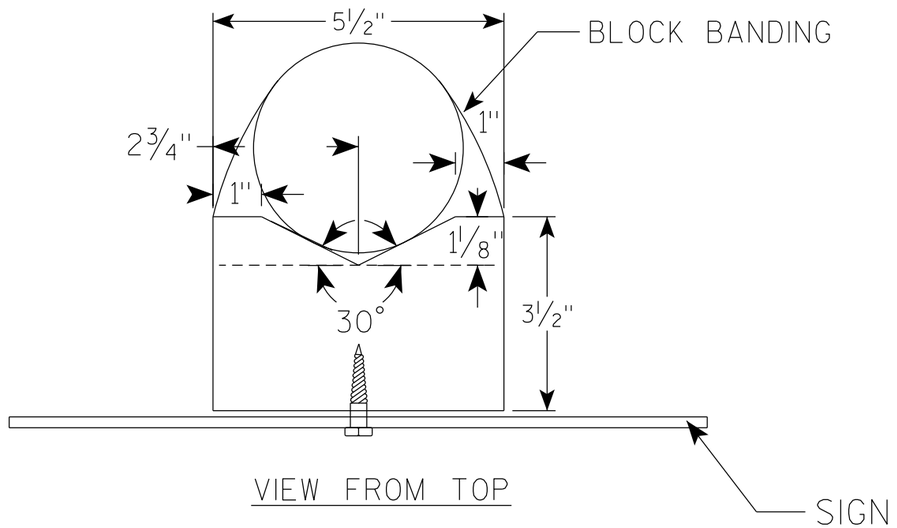
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 199	E

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"

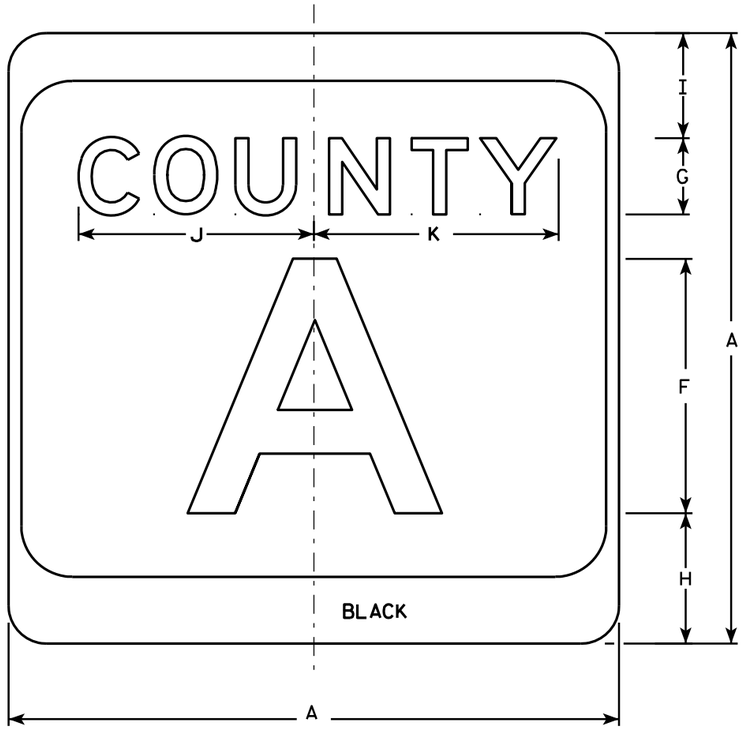
BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

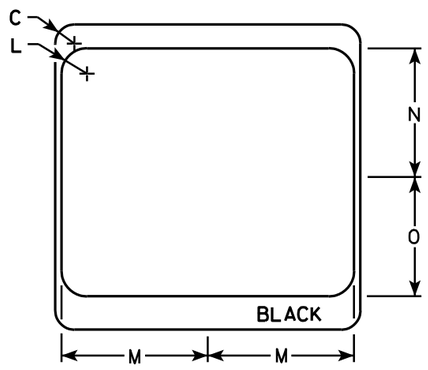
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 6/10/19 PLATE NO. A5-10.2

PROJECT NO: | SHEET NO: 200 | E

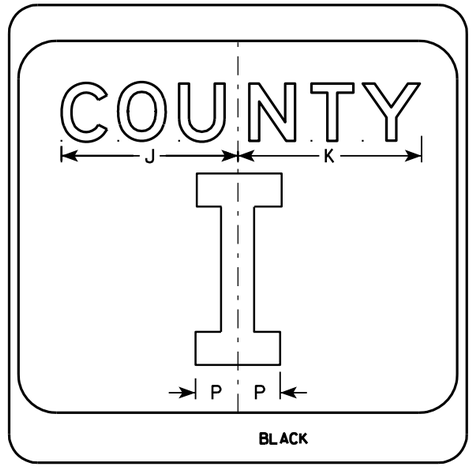


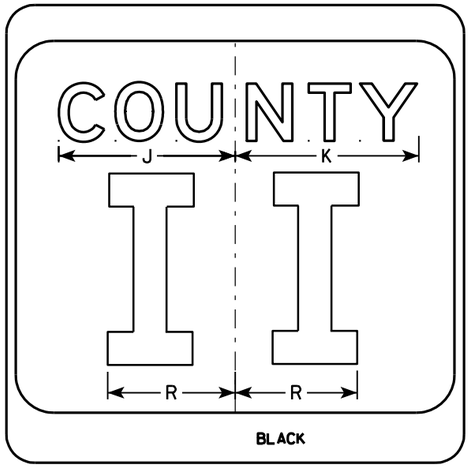
M1-5A



NOTES

1. Sign is Type II - see Note 7 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White & Black - See Note 7
   Message - Black
3. Message Series - see Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Message Series E for 1 letter.
   Message Series D for 2 letters unless message is too big then Series C.
   Message Series C for 3 letters unless message is too big then Series B.
6. Substitute appropriate letters & optically center to achieve proper balance.
7. Permanent Signs
   Background - Type H Reflective
   Detour or temporary Signs
   Background - Reflective





SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

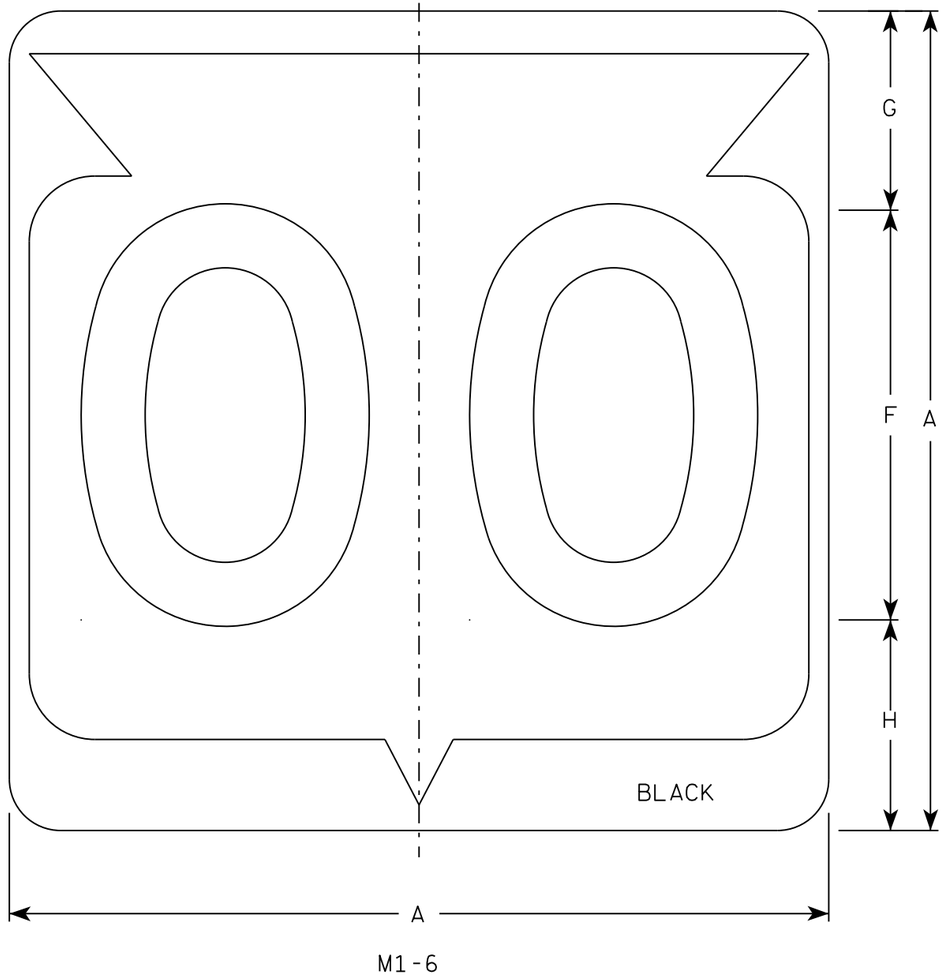
CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

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

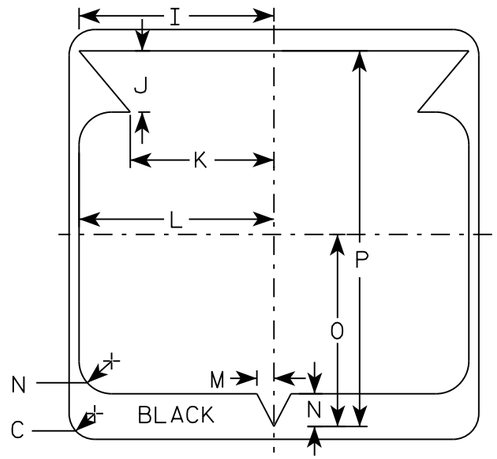
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 201	E



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
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		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

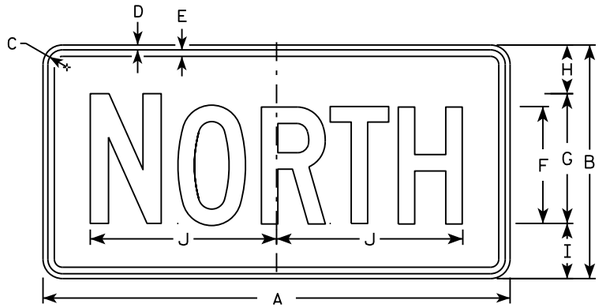
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

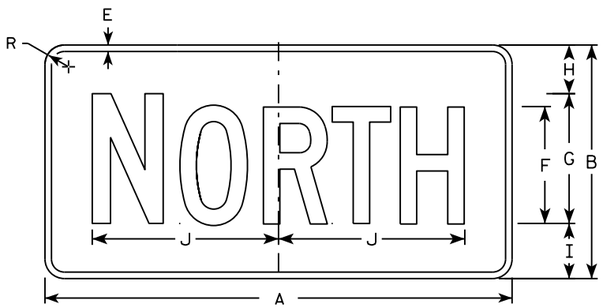
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 202 | E



M3-1
MM3-1
MP3-1



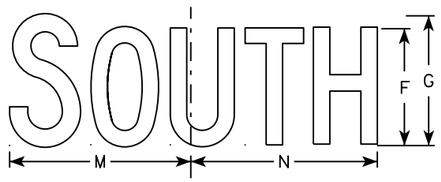
MB3-1
MK3-1
MN3-1



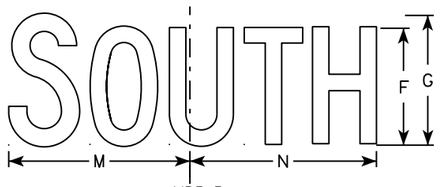
M3-2
MM3-2
MP3-2



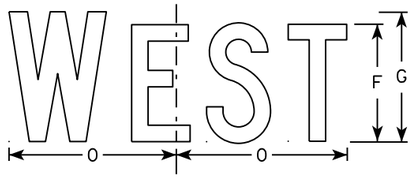
MB3-2
MK3-2
MN3-2



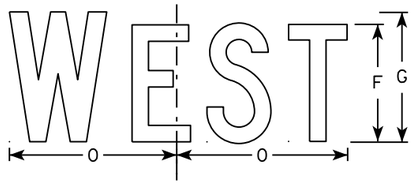
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
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																											
2	24	12	1 1/8	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			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

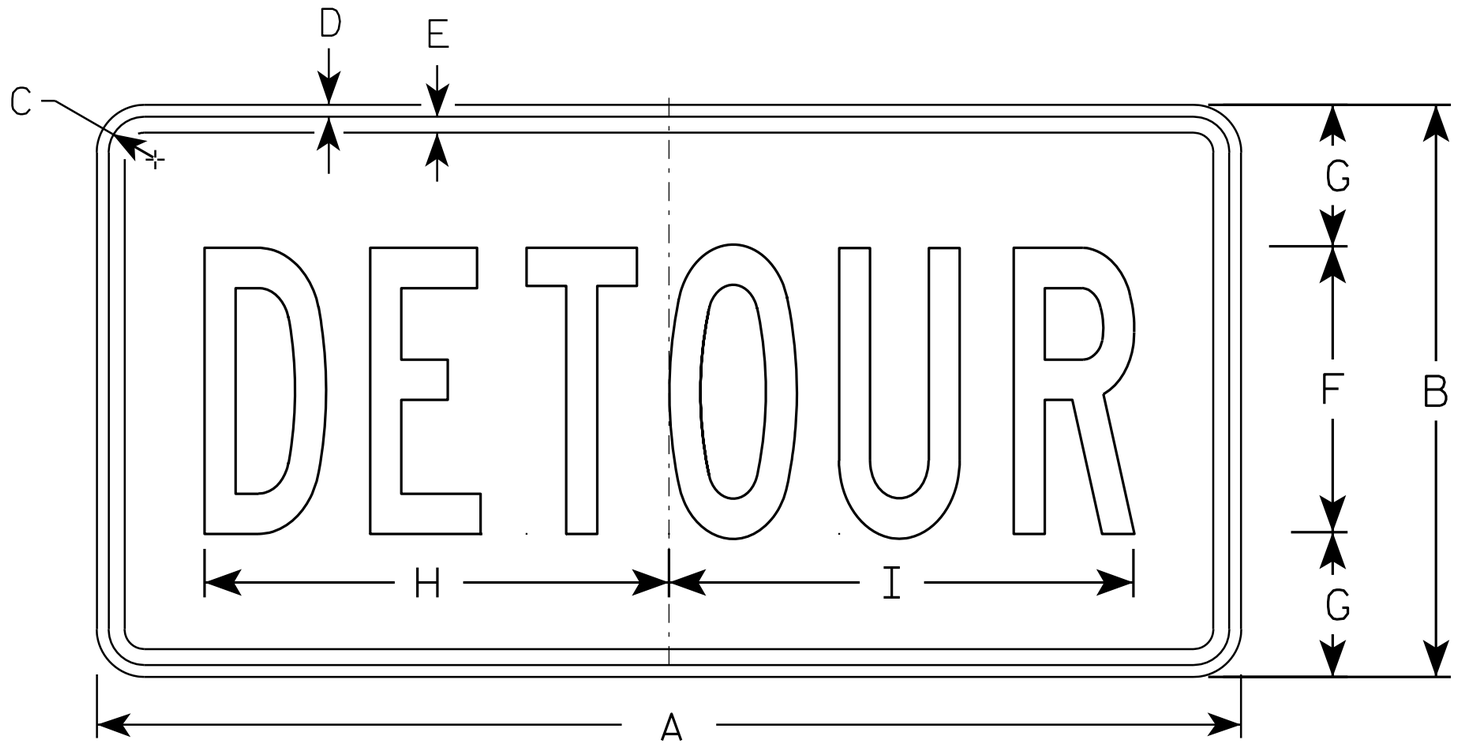
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

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

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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 1/8	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/8	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4																											
5																											

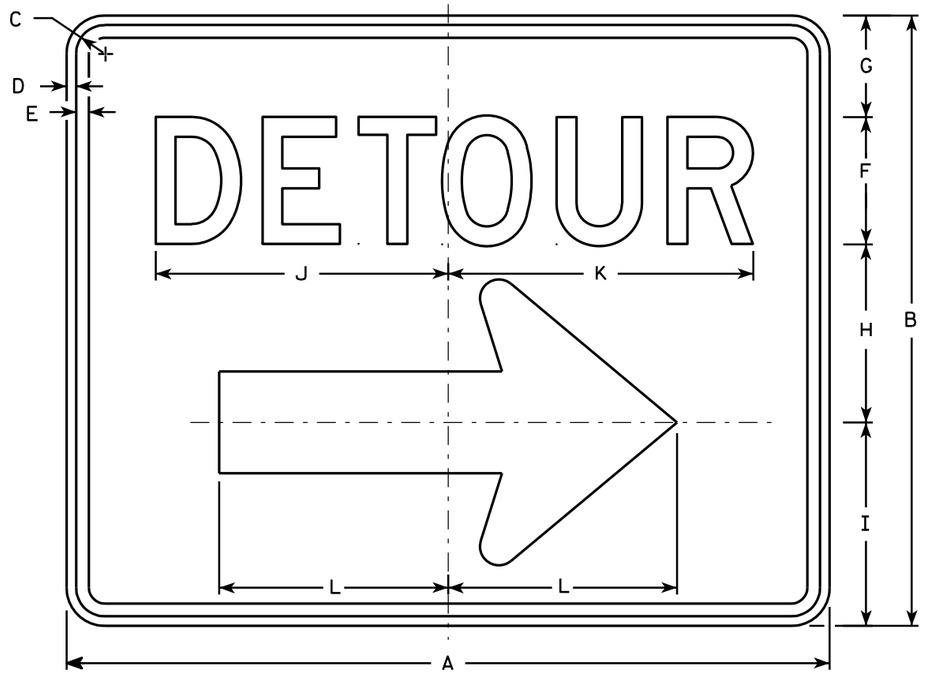
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-8.2

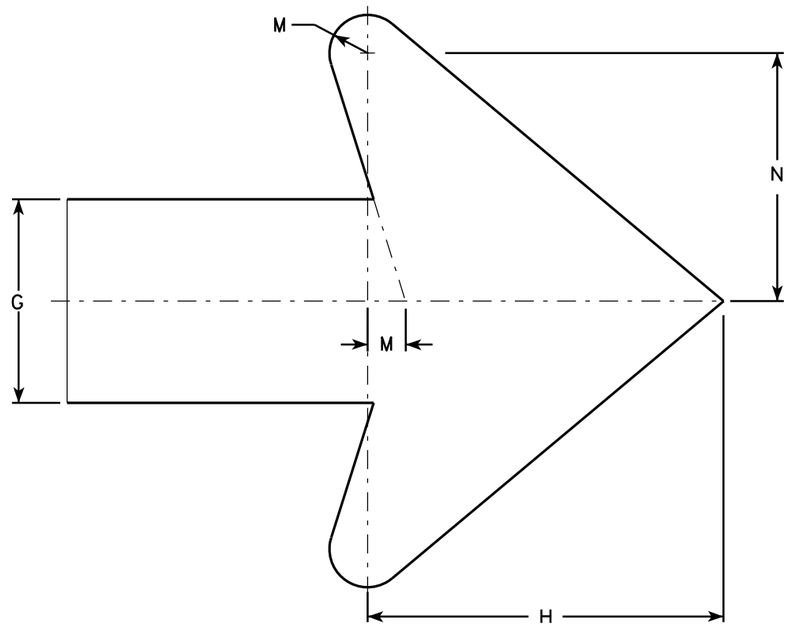
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 204	E



M4-9R

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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.
5. M4-9L is the same as M4-9R except the arrow is reversed.



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	24	1 1/8	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/8	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 3/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

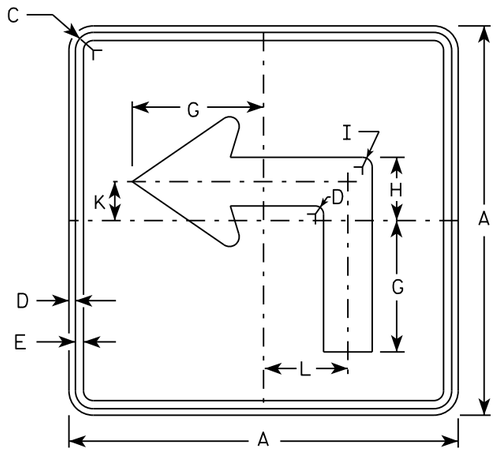
STANDARD SIGN
M4-9 R & L

WISCONSIN DEPT OF TRANSPORTATION

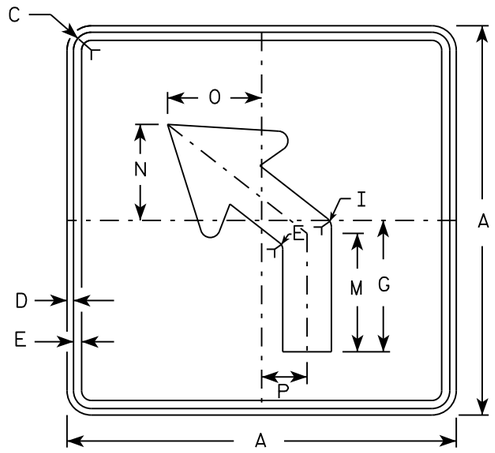
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/9/11 PLATE NO. M4-9R.4

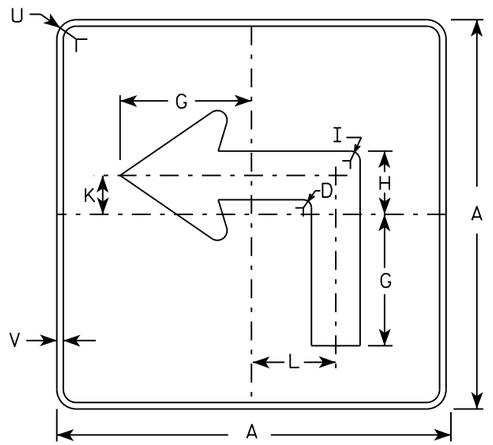
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 205 | E



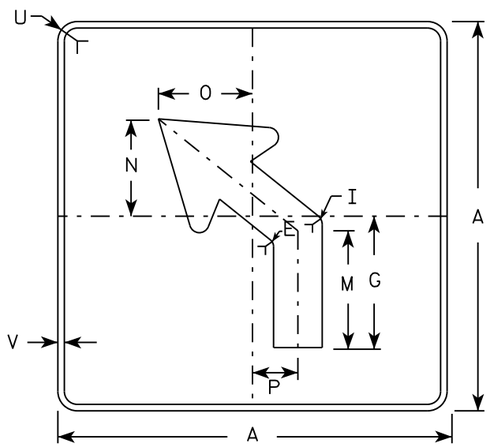
M5-1L
MM5-1L
MO5-1L
MP5-1L



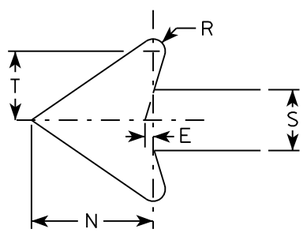
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   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.

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	21		1 1/8	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 1/2	1/2					3.06
3	30		1 3/8	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 7/8	1/2					6.25
4	30		1 3/8	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 7/8	1/2					6.25
5	30		1 3/8	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 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

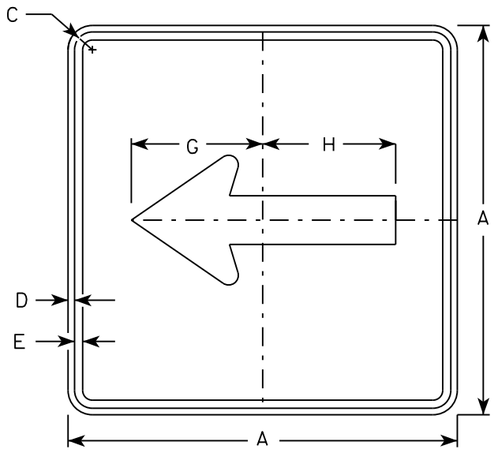
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

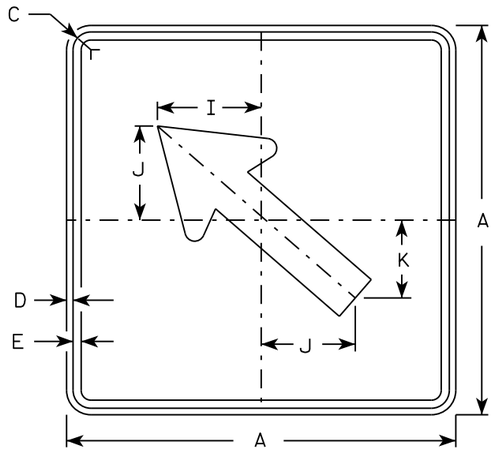
DATE 10/15/15 PLATE NO. M5-1.13

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

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



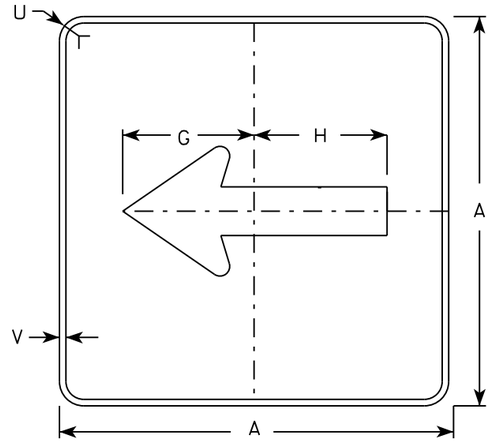
M6-1
MM6-1
MO6-1
MP6-1



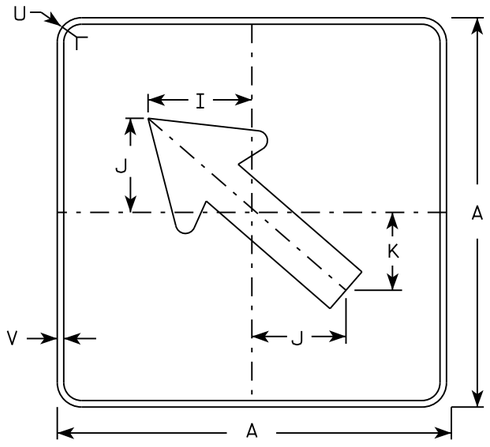
M6-2
MM6-2
MO6-2
MP6-2

NOTES

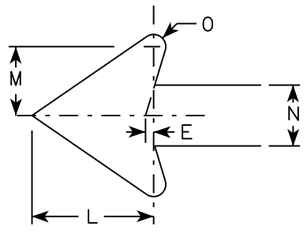
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - 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



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



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	21		1 1/8	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 1/2	1/2						3.06
3	30		1 3/8	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 7/8	1/2						6.25
4	30		1 3/8	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 7/8	1/2						6.25
5	30		1 3/8	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 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

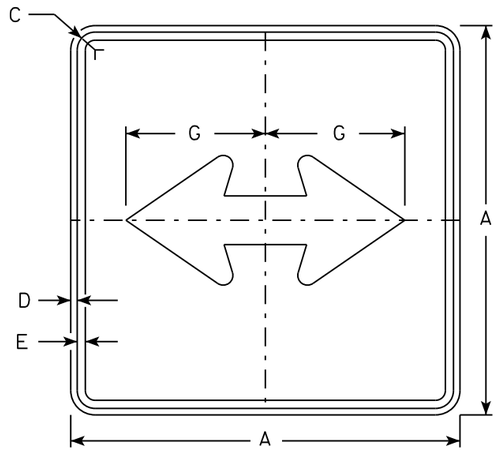
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

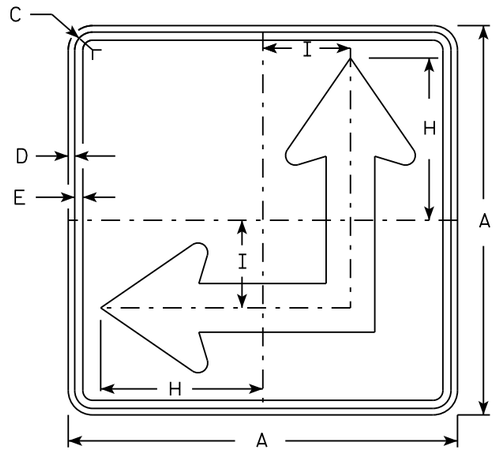
DATE 10/15/15 PLATE 207 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



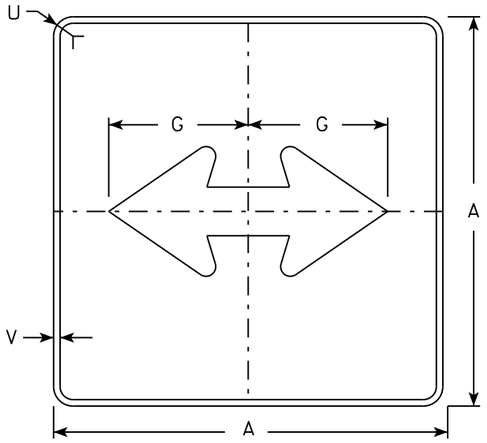
M6-4
MM6-4
MO6-4
MP6-4



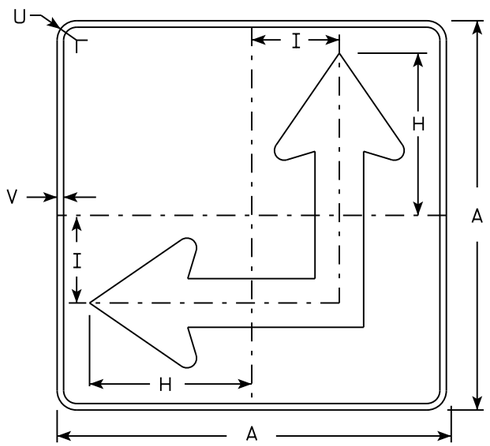
M6-6
MM6-6
MO6-6
MP6-6

NOTES

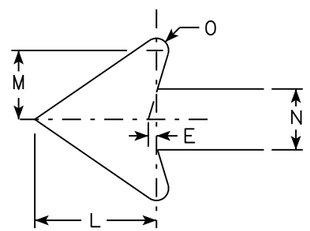
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-4 and M6-6 Background - White
   Message - Black
   MB6-4 and MB6-6 Background - Blue
   Message - White
   MK6-4 and MK6-6 Background - Green
   Message - White
   MM6-4 and MM6-6 Background - White
   Message - Green
   MN6-4 and MN6-6 Background - Brown
   Message - White
   MO6-4 and MO6-6 Background - Orange - Type F Reflective
   Message - Black
   MP6-4 and MP6-6 Background - White
   Message - Blue
   MR6-4 and MR6-6 Background - Brown
   Message - Yellow
5. M6-6R same as M6-6L except arrow points ahead and right.



MB6-4
MK6-4
MN6-4
MR6-4



MB6-6
MK6-6
MN6-6
MR6-6



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25

STANDARD SIGN
M6-4 & M6-6
SERIES

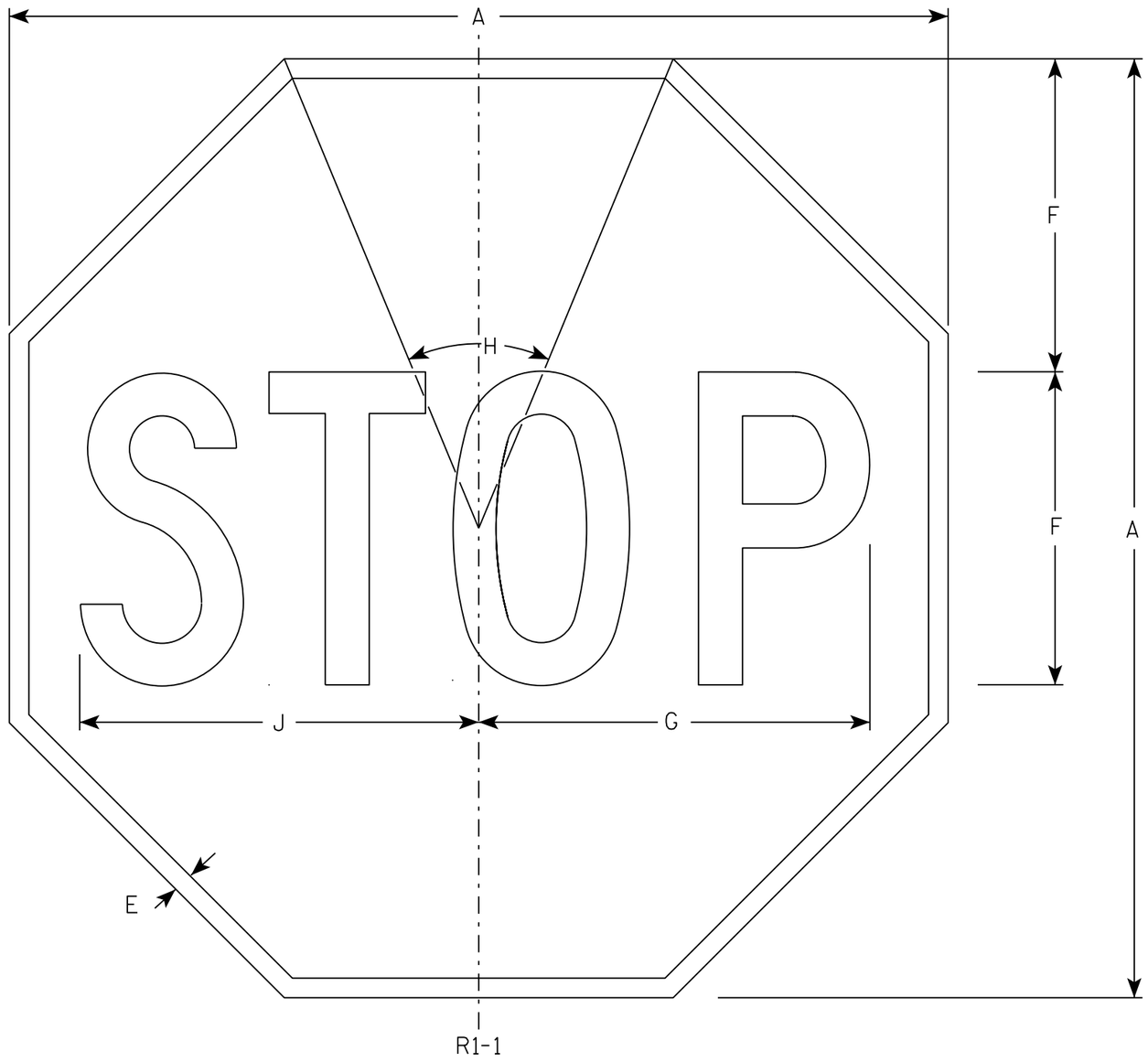
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 208 M6-4.10

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

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M64.DGN PLOT DATE : 01-DEC-2015 17:58 PLOT BY : $$ platuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

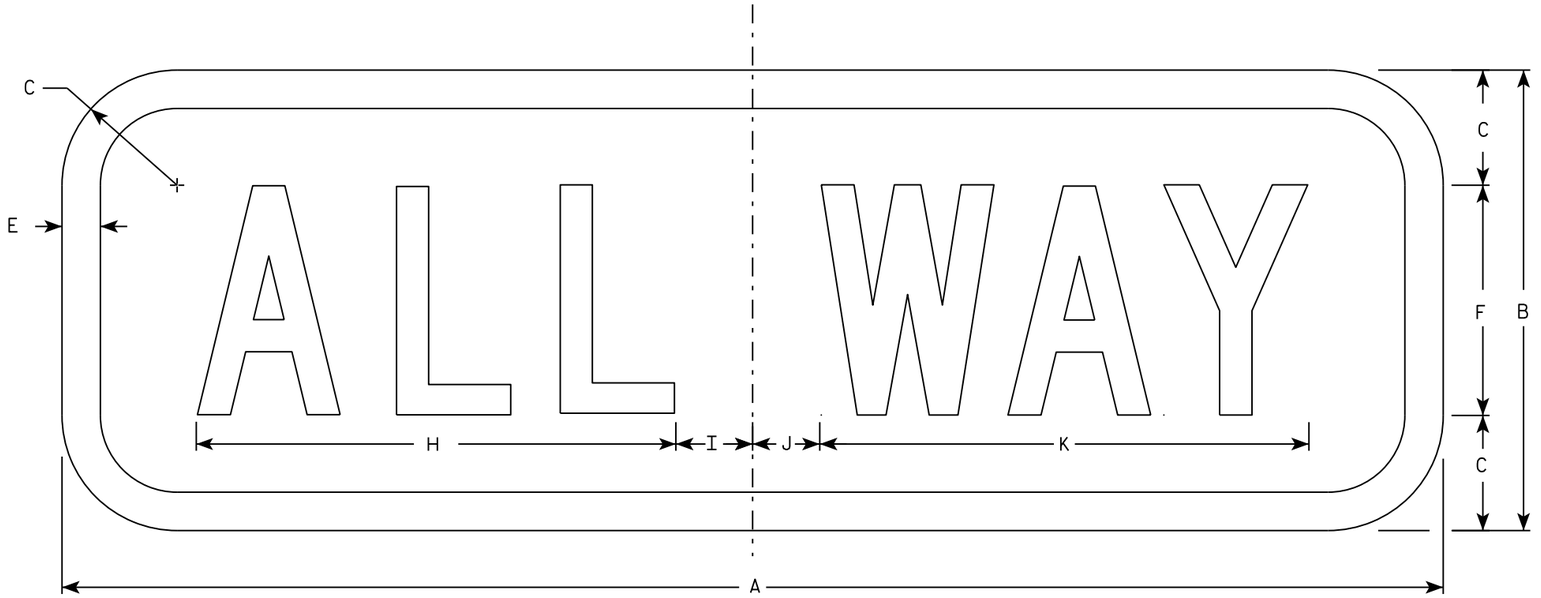
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 209	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. For 30"x30" R1-1 use 18"x6" R1-3P sign
   For 36"x36" R1-1 use 24"x9" R1-3P sign
   For 48"x48" R1-1 use 30"x12" R1-3P sign



R1-3P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																0.75
2S	18	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																1.5
2M	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
3	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
4	30	12	2 1/4		5/8	6		11	2 1/4	1 1/2	11 3/4																2.5
5	30	12	2 1/4		5/8	6		11	2 1/4	1 1/2	11 3/4																2.5

STANDARD SIGN
R1-3P

WISCONSIN DEPT OF TRANSPORTATION

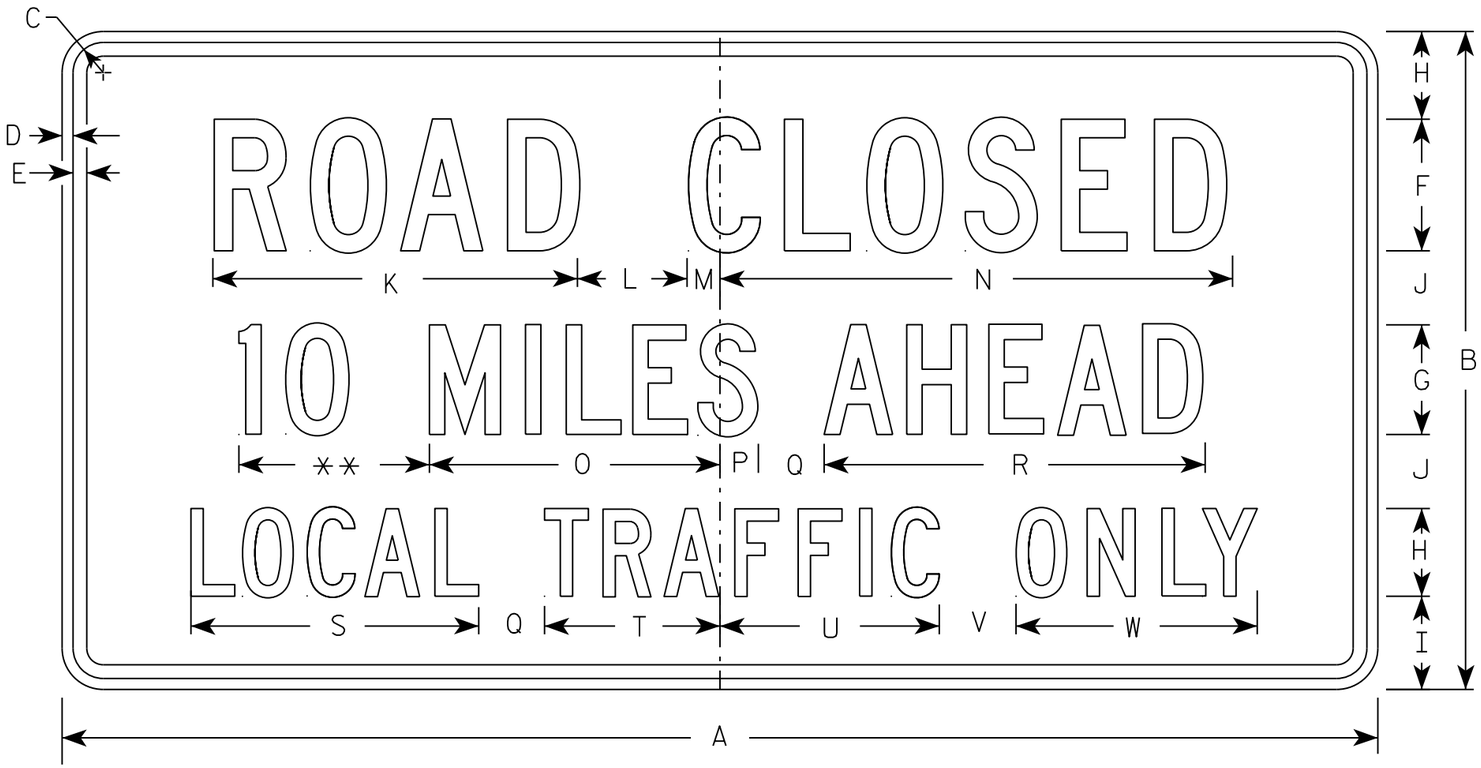
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R1-3P.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 210 | E

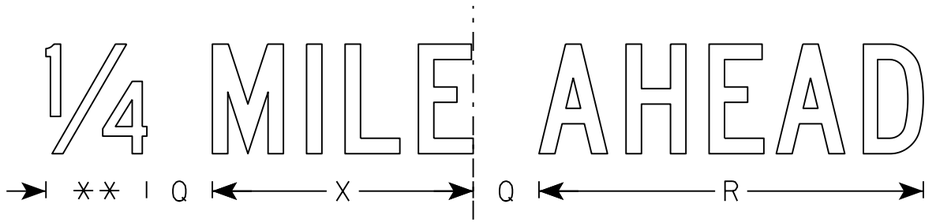
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 3/8	1/2	5/8	4	3	2 1/2	2	2	11 1/8	3	1 1/8	15 1/4	8	1 1/2	2	10 3/4	8 3/8	4 3/4	6 1/2	2	6 3/4	7 1/8			4.5
2S	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	4 1/4	3 3/8	16 5/8	5	1 1/2	23	13 1/4	1 3/4	3	17 3/8	13 1/8	8	10	3 1/2	11	11 7/8			12.5
3																											
4																											
5																											

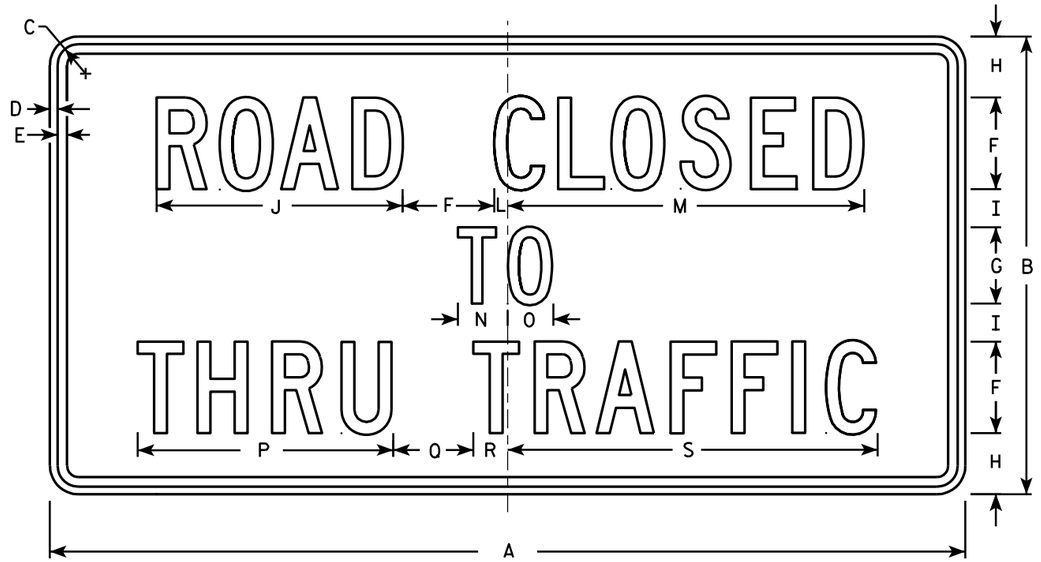
STANDARD SIGN
R11-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/15/17 PLATE NO. R11-3.8

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 211	E



R11-4

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

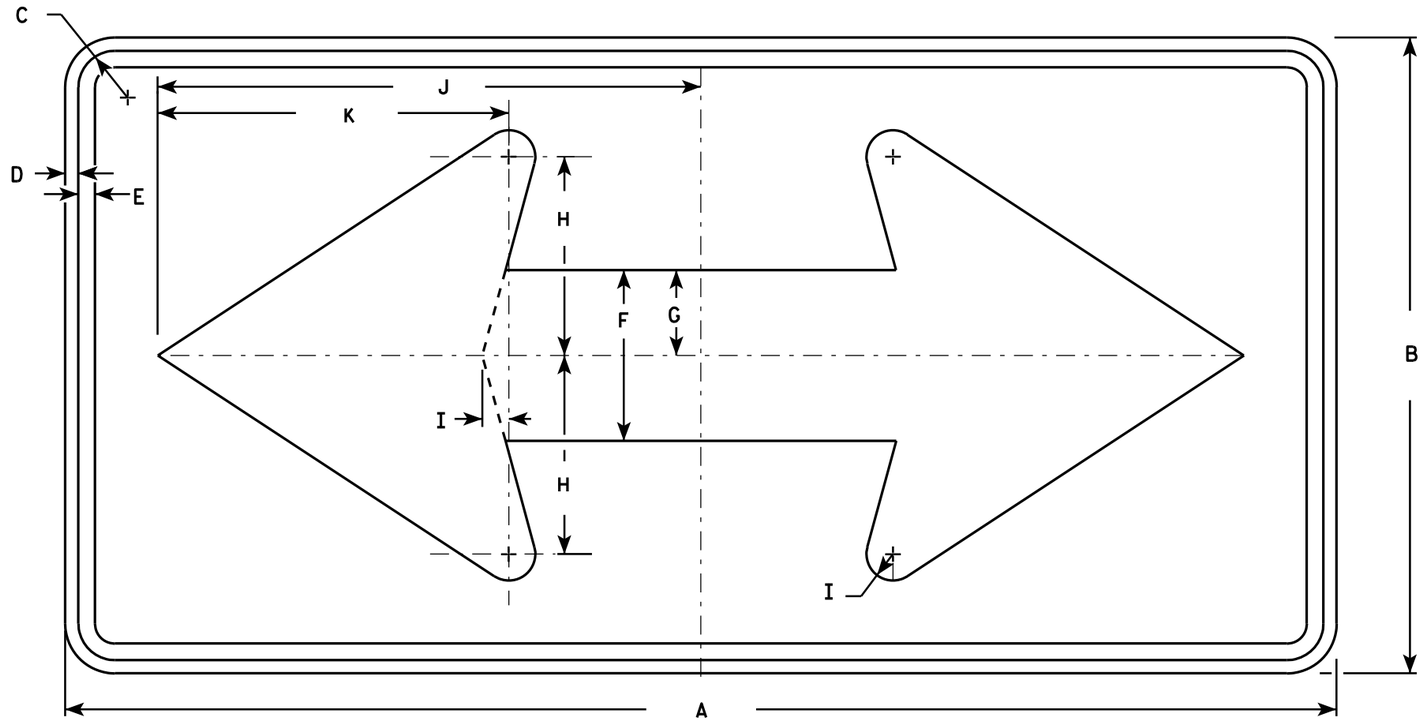
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 212 | E



W1-7

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. 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 1/8	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 3/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 3/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	2 1/4	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

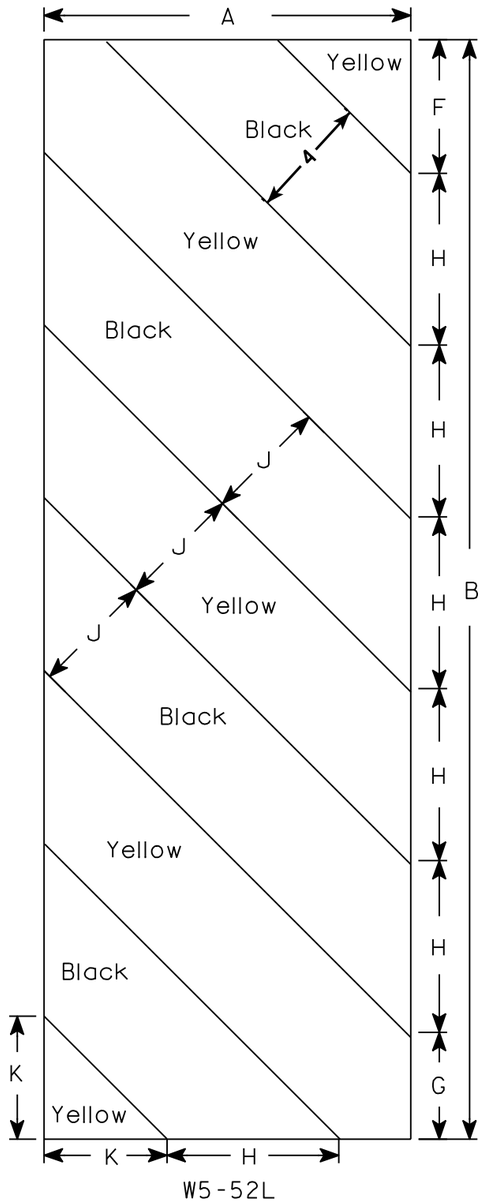
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

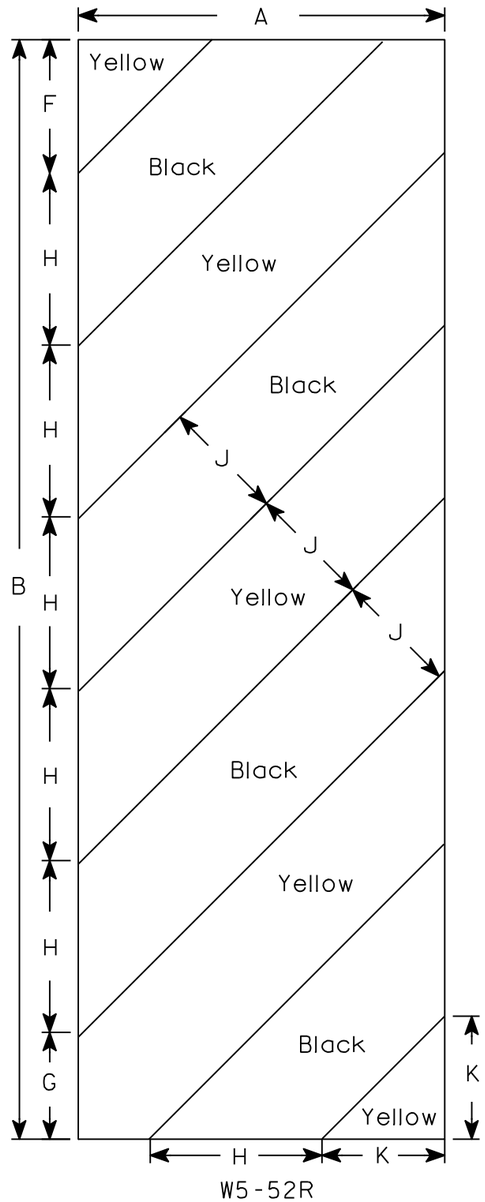
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-7.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 213 | E



W5-52L



W5-52R

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
2M	12	36				4 3/8	3 1/2	5 5/8	45°	4	4																3.0
3	18	54				6	5 1/2	8 1/2	45°	6	6 9/16																6.75
4																											
5																											

STANDARD SIGN

W5-52L & W5-52R

WISCONSIN DEPT OF TRANSPORTATION

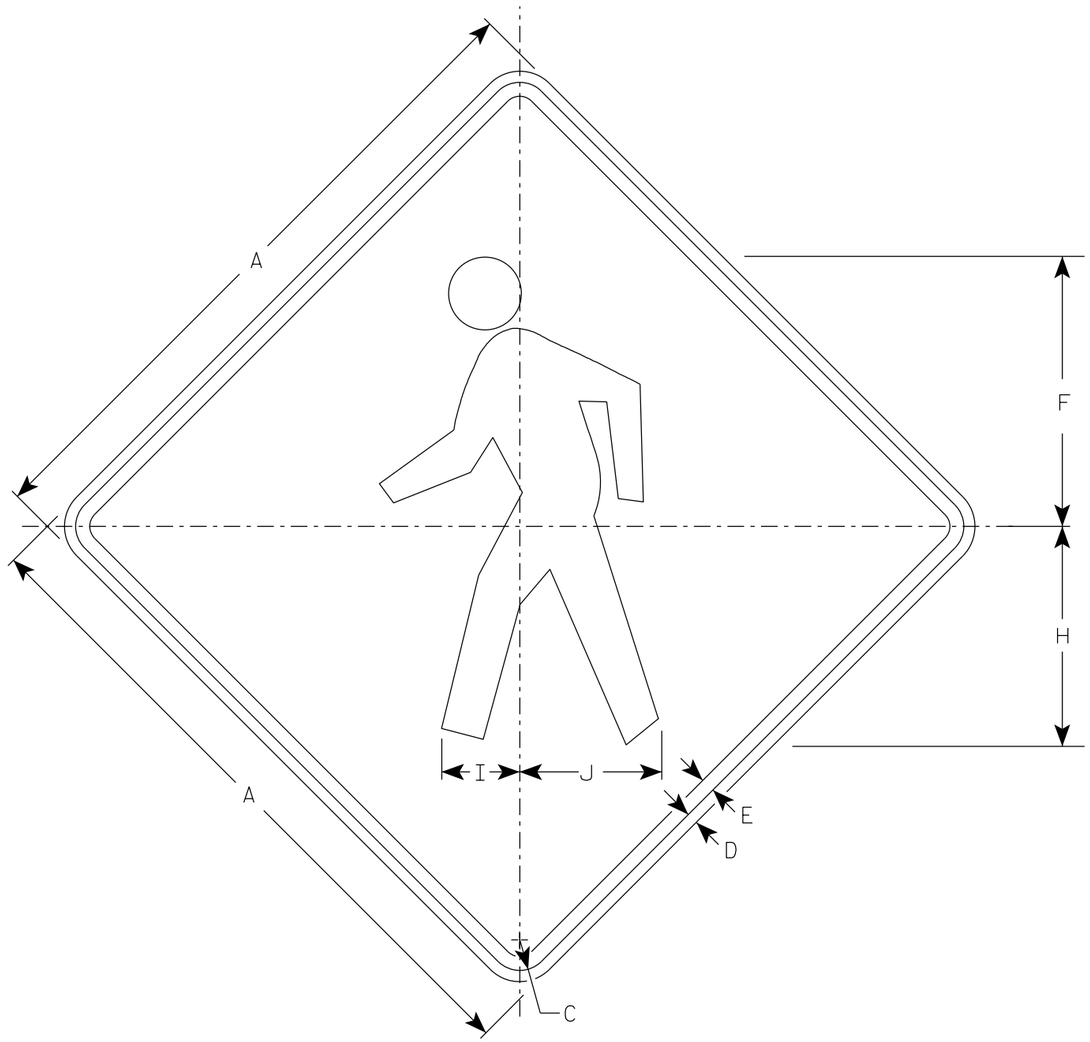
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/29/12 PLATE NO. W5-52.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 214 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black



W11-2

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

STANDARD SIGN
W11-2

WISCONSIN DEPT OF TRANSPORTATION

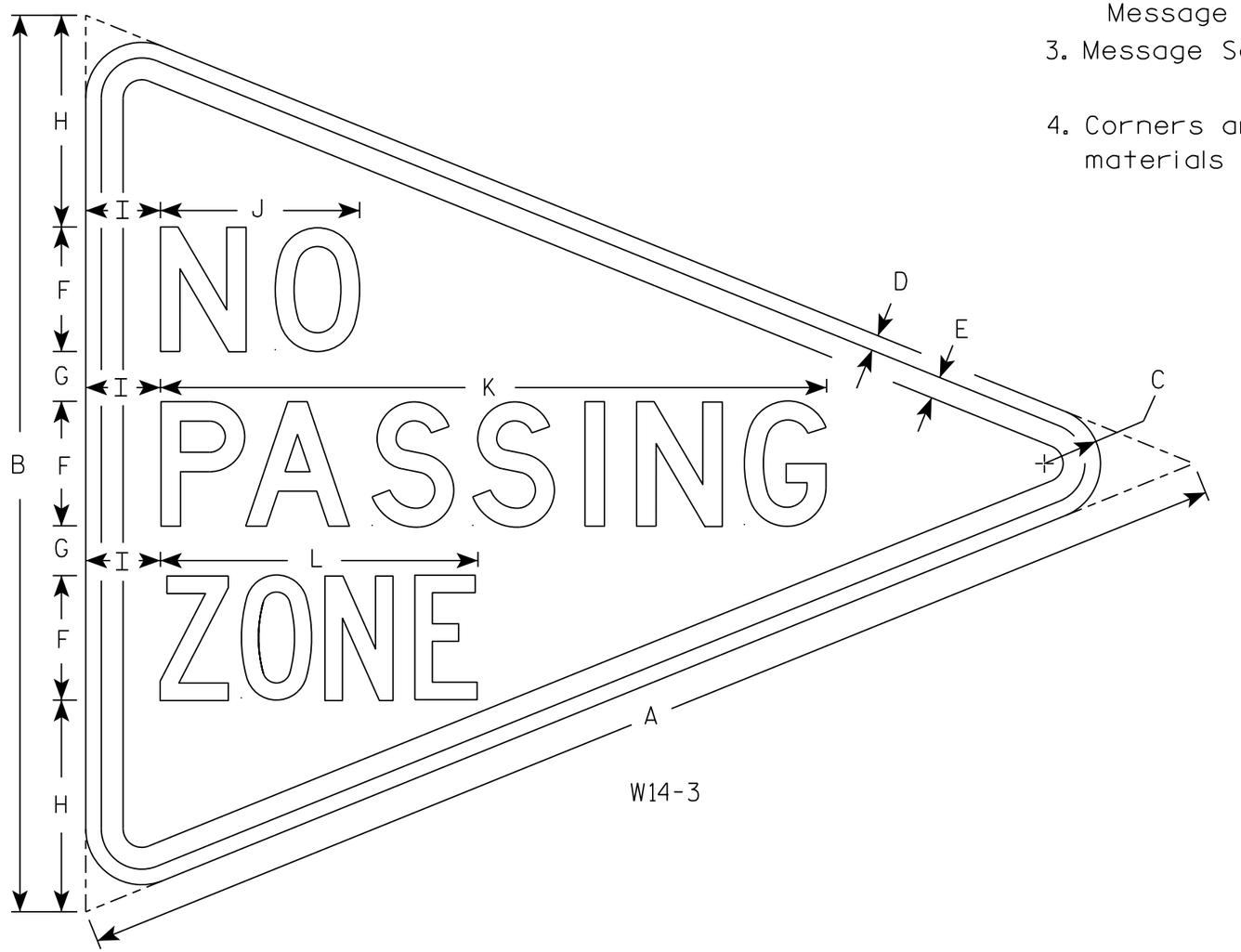
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/8/2020 PLATE NO. W11-2.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 215 E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Lines 1 and 2 are Series D.
   Line 3 is series C.
4. Corners and borders shall be rounded on all base materials for this sign.



W14-3

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															5.56
2M																											
3																											
4																											
5																											

STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

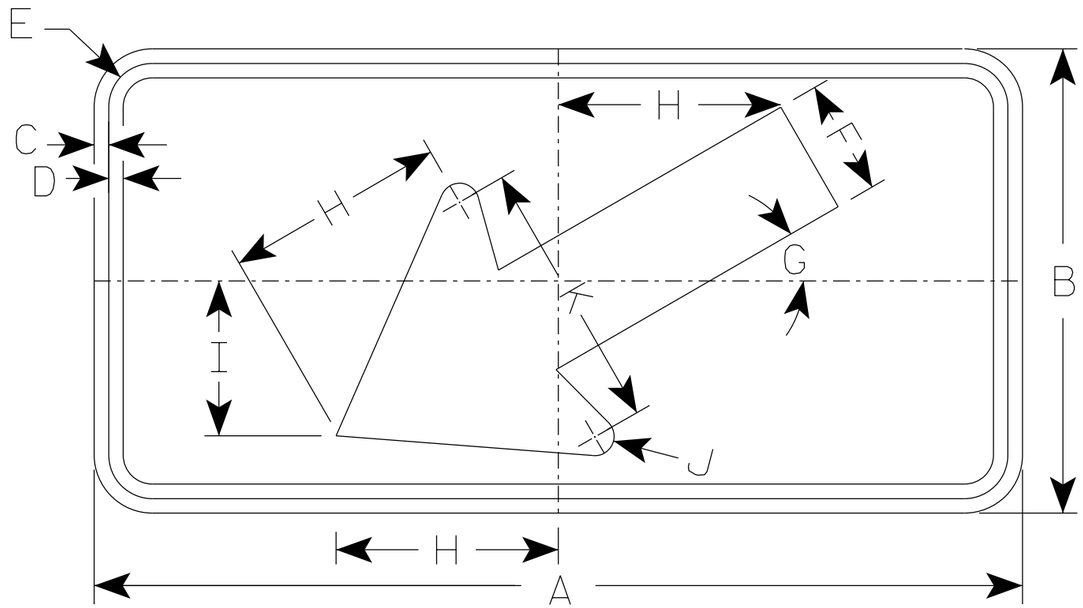
DATE 3/21/17 PLATE NO. W14-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 216 | E

7

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W16-7R is the same as W16-7L
   except the arrow is reversed along the vertical centerline.



W16-7L

* For 36" x 36" Warning Signs, use 30" x 18" W16-7L signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-7L signs.

	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	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
*	2M	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
*	3	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
*	4	48	24	1/2	5/8	1 3/8	6	30°	11 1/2	8	1	14																8.0
	5																											

STANDARD SIGN
W16-7

WISCONSIN DEPT OF TRANSPORTATION

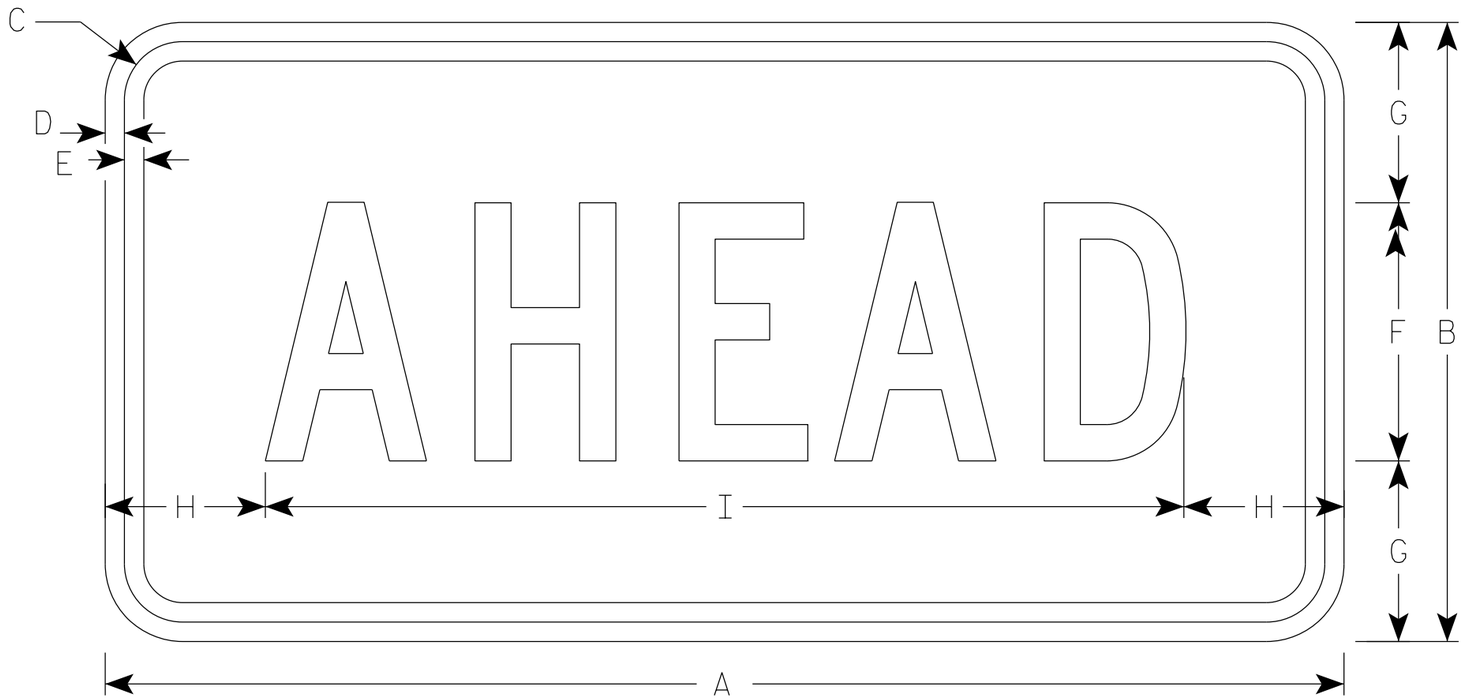
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/25/2020 PLATE NO. W16-7.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 217 | E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - C



W16-9P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2M	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
3	30	18	1 1/8	3/8	1/2	7	3 1/2	2 3/4	24 1/2																		3.75
4	48	24	1 3/8	1/2	5/8	10	7	6 1/8	35 3/4																		8.0
5																											

STANDARD SIGN
W16-9P

WISCONSIN DEPT OF TRANSPORTATION

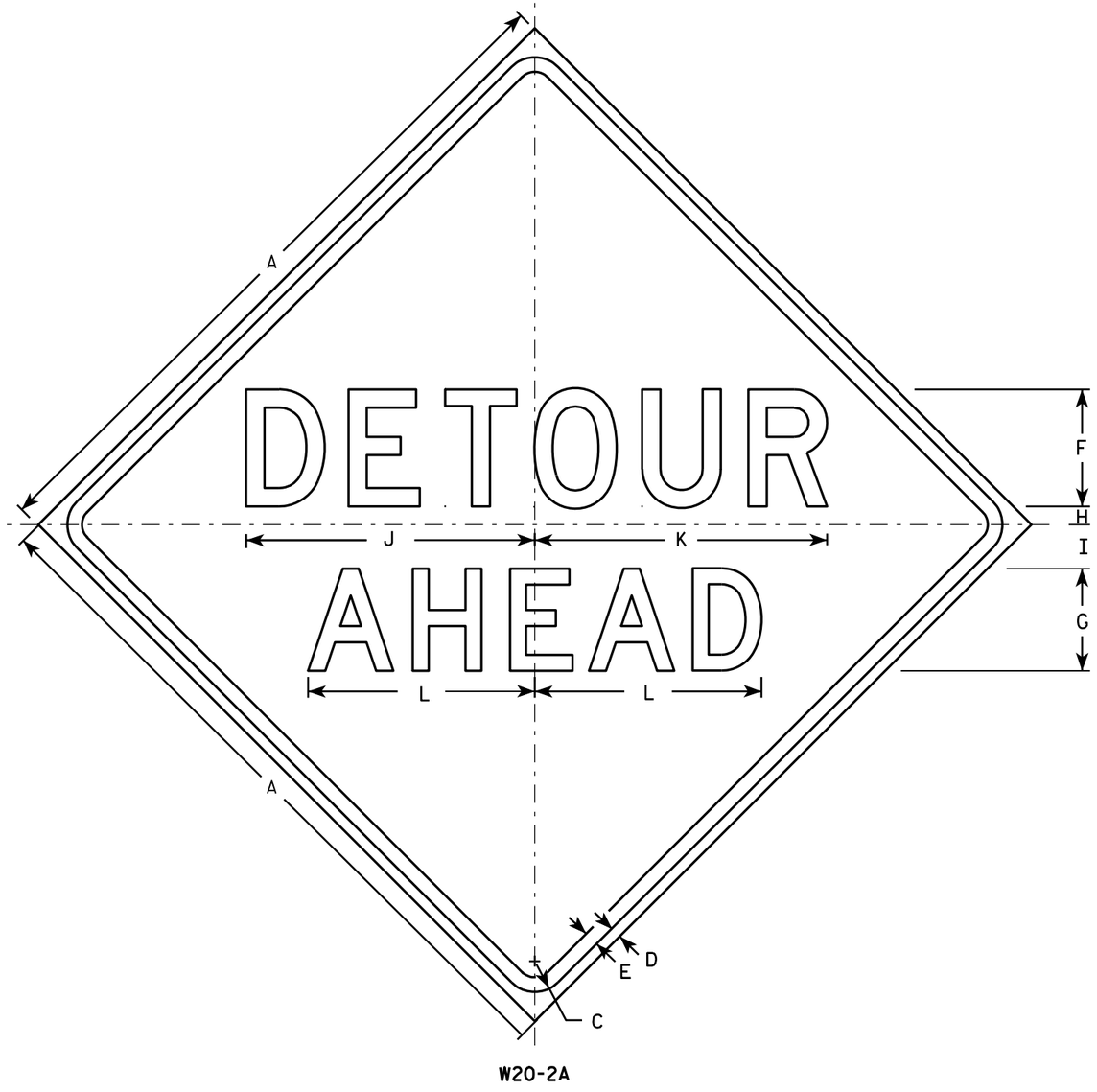
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/7/19 PLATE NO. W16-9P.7

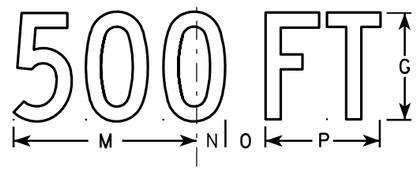
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 218 | E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W169P.DGN PLOT DATE : 07-MAR-2019 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

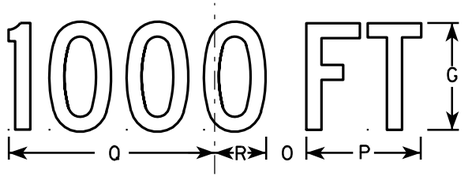
7 7



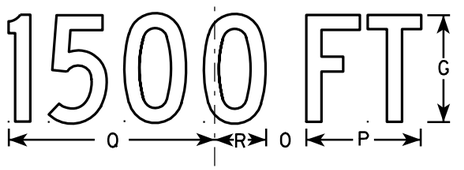
W20-2A



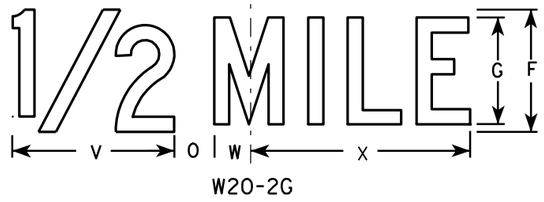
W20-2D



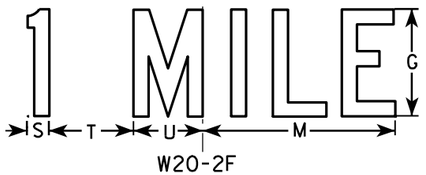
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
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	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	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		2 1/4	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		2 1/4	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		2 1/4	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		2 1/4	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		2 1/4	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

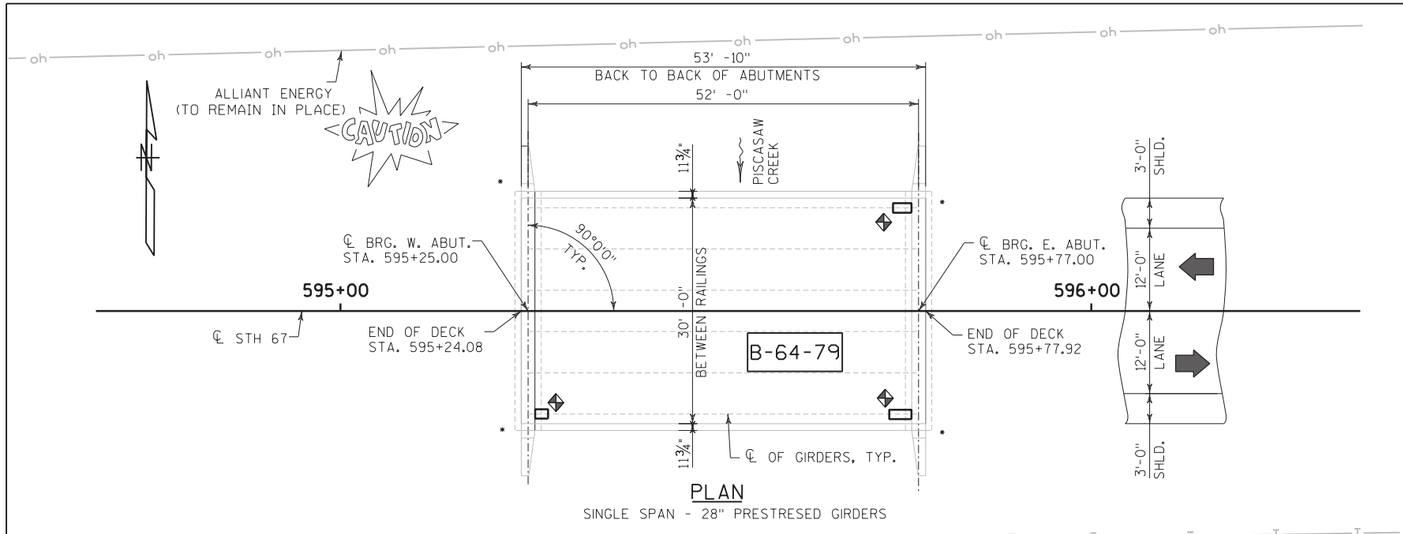
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

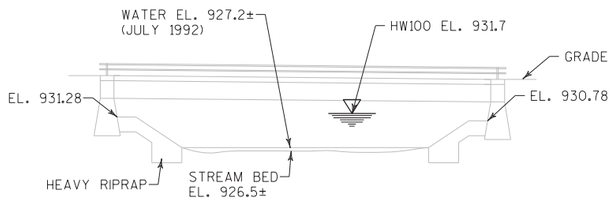
DATE 3/18/11 PLATE NO. W20-2.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 219	E



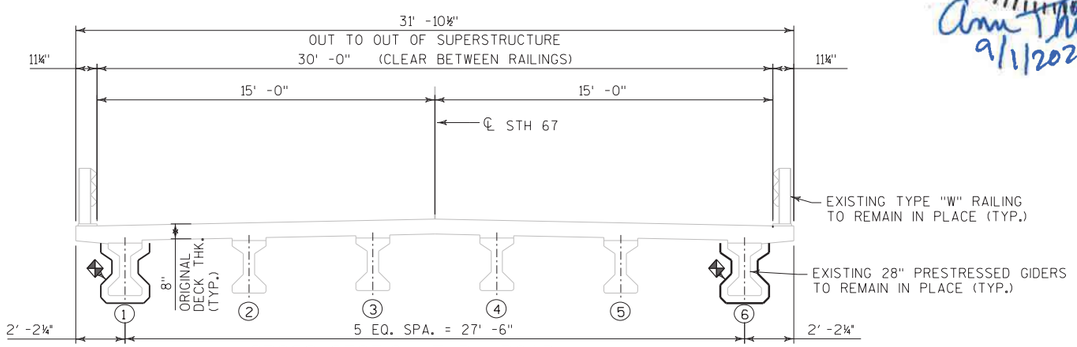
PLAN

SINGLE SPAN - 28" PRESTRESED GIRDERS



ELEVATION

NORMAL TO PISCASAW CREEK



CROSS-SECTION THRU ROADWAY

(LOOKING EAST)

DESIGN DATA

LIVE LOAD:
- INVENTORY RATING — HS-23 ☆
- OPERATIONAL RATING — HS-38 ☆
- WISCONSIN STANDARD PERMIT VEHICLE (Wis-SPV) — 250 KIPS ☆

MATERIAL PROPERTIES (NEW WORK):
- CONCRETE MASONRY SLAB f'c — 4,000 PSI

☆ - TAKEN FROM HSI, 2/15/1994

GENERAL NOTES & LEGEND

THE PROPOSED REHABILITATION INCLUDES ADDING EDGE OF DECK FLASHING, CONCRETE SURFACE REPAIR & FIBER WRAP REINFORCING OF GIRDERS, AND CLEANING & PAINTING RAILINGS.

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS AND STATIONING SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

THE EXISTING STRUCTURE B-64-79 IS A SINGLE SPAN, 28" PRESTRESSED GIRDER STRUCTURE WITH AN OVERALL WIDTH LENGTH OF 53'-10".

THE BID ITEM "FLASHING STAINLESS STEEL" SHALL INCLUDE PROVIDING AND INSTALLING THE STAINLESS STEEL FLASHING, SILICONE CAULK AND 3/16" & ¼" CONCRETE SCREWS.

CONCRETE SCREWS SHALL BE 410 STAINLESS STEEL.

EXTEND FLASHING TO F.F. OF ABUTMENT DIAPHRAGM.

TOP OF FLASHING TO BEGIN APPROX. 1-INCH BELOW THE TOP OF DECK SURFACE.

THE FLASHING IS TO BE A CONSTANT HEIGHT BASED ON THE THINNEST DECK DEPTH OVER THE BRIDGE LENGTH.

REMOVE ANY/ALL LOOSE CONCRETE AT GIRDERS UNDER BID ITEM "CONCRETE SURFACE REPAIR". SURFACES SHALL BE BLAST CLEANED AND ANY EXPOSED STEEL SHALL BE BRUSHED CLEANED PRIOR TO THE SURFACE REPAIRS BEING COMPLETED.

THE DAMAGED AREA OF THE BEAM SHALL BE CLEANED OF ALL LOOSE AND SPALLED CONCRETE AND SEALANT. ALL LOOSE MATERIAL SHALL BE REMOVED TO SOUND CONCRETE UNTIL COARSE AGGREGATE WILL BREAK UNDER CHIPPING RATHER THAN DISLODGING. HAND TOOLS SHALL BE USED FOR THE REMOVAL OF CONCRETE ADJACENT TO THE PRESTRESSED STRANDS. WHILE A 15 POUND CHIPPING HAMMER MAY BE USED AWAY FROM PRESTRESSING STRANDS, EXTREME CARE SHALL BE TAKEN NOT TO DAMAGE THE EXPOSED PRESTRESSING STRANDS.

USING THE SAME TOOLS, REMOVE THE EXISTING CONCRETE TO THE SOUND CONCRETE AS DESCRIBED ABOVE, ALONG THE EDGES OF THE DAMAGED AREA TO THE DEPTH OF ½" TO 1½" DEEP. THE EDGES SHALL BE SAW CUT ¾" DEEP. THE ENTIRE AREA OF EXISTING CONCRETE AGAINST WHICH NEW CONCRETE SHALL BE PLACED AND ANY EXPOSED PORTIONS OF THE PRESTRESSING STRANDS SHALL BE SAND BLASTED. THE CONCRETE SHALL BE SAND BLASTED TO EXPOSE CLEAN, WELL BONDED CONCRETE.

THE SURFACE OF THE EXISTING CONCRETE AGAINST WHICH NEW CONCRETE WILL BE PLACED SHALL BE PREPARED AS A BONDED CONSTRUCTION JOINT ACCORDING TO 502.3.6.2 OF THE STANDARD SPECIFICATIONS.

CONCRETE SURFACE REPAIR MATERIAL MUST BE ON THE DEPARTMENTS APPROVED PRODUCTS LIST AND SHOULD BE SUITABLE FOR VERTICAL AND OVERHEAD APPLICATIONS.

REPAIR CORRODED REBAR AND PRESTRESSING STRAND BY CLEANING TO REMOVE CORROSION AND APPLYING A ZINC-RICH PRIMER. WORK IS INCIDENTAL TO THE BID ITEM "FIBER WRAP REINFORCING NON-STRUCTURAL".

RE-SEAL THE VERTICAL JOINTS BETWEEN THE WING AND DIAPHRAGM AND THE OUTSIDE HORIZONTAL JOINTS BETWEEN ABUTMENT AND DIAPHRAGM TO THE FIRST GIRDER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. WORK IS INCIDENTAL TO BID ITEM "CONCRETE SURFACE REPAIR".

AREAS AND LOCATIONS FOR CONCRETE SURFACE REPAIR AND FIBER WRAP REINFORCING PLACEMENT ARE APPROXIMATE. FIELD ENGINEER TO VERIFY.

EXISITING TYPE "W" RAILING TO BE CLEANED, RUST REMOVED FROM BOLTS AND BOTTOM OF POSTS, TIGHTEN ALL BOLTS AND SEAL POST BASES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. WORK IS INCIDENTAL TO BID ITEM "RAILING STEEL TYPE "W" REHABILITATION".

* EXISTING BEAM GUARD ANCHORAGE TO REMAIN

FIBER WRAP REINFORCING NON-STRUCTURAL AND CONCRETE SURFACE REPAIR. SEE SHEET 2 FOR ADDTIONAL DETAILS.

WISCONSIN
ANN C. THIELMANN
E-42457
MADISON
WI
PROFESSIONAL ENGINEER
Ann Thielmann
9/1/2020

LIST OF DRAWINGS

1. GENERAL PLAN
2. GIRDER REPAIR

STRUCTURE DESIGN CONTACTS:
BUREAU OF STRUCTURES:
AARON BONK (608) 261-0261
CONSULTANT:
ANN THIELMANN (608) 229-1414

NO.	DATE	REVISION	BY

DAAR ENGINEERING, INC.
www.daarcorp.com
Madison, WI 53703
608-249-0140

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 12/10/20
CHIEF STRUCTURES DESIGN ENGINEER DATE

STATE PROJECT NUMBER
3706-01-60

STRUCTURE B-64-79

STH 67 OVER PISCASAW CREEK

COUNTY	TOWN
WALWORTH	SHARON

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
ACT	SJG	ACT	SJG

GENERAL PLAN

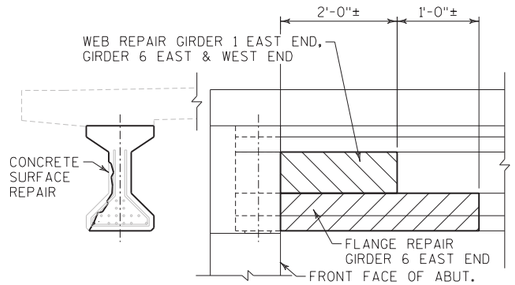
SHEET 1 OF 2

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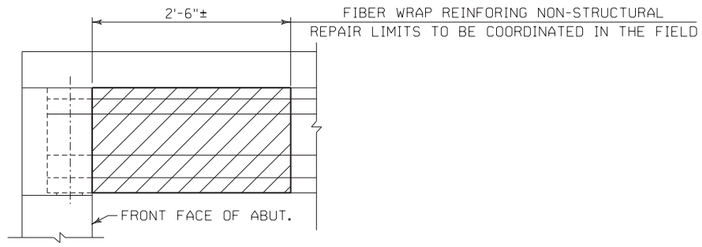
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9/1/2020

STATE PROJECT NUMBER
3706-01-60

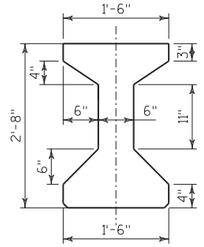


CONCRETE SURFACE REPAIR DETAIL

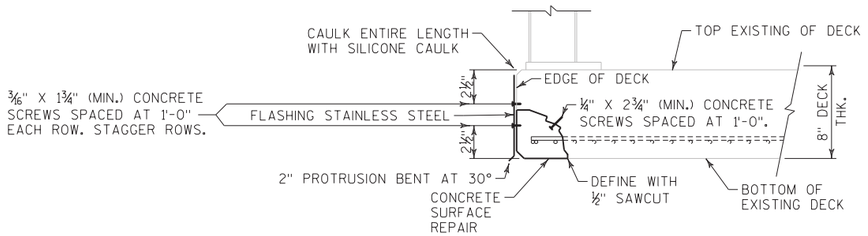


FIBER WRAP DETAIL

GIDER 1 E. ABUT. END, GIRDER 6 E. & W. ABUT. ENDS



EXISTING GIRDER SECTION



FLASHING DETAIL

THE BID ITEM "FLASHING STAINLESS STEEL" SHALL INCLUDE PROVIDING AND INSTALLING THE STAINLESS STEEL FLASHING, SILICONE CAULK, 3/16" AND ¼", CONCRETE SCREWS, AND CLEANING THE EDGE OF DECK PRIOR TO ATTACHMENT OF THE FLASHING.

8

TOTAL ESTIMATED QUANTITIES

ITEM #	BID ITEMS	UNIT	TOTAL
509.1500	CONCRETE SURFACE REPAIR	SF	65
SPV.0090	FLASHING STAINLESS STEEL	LF	102
SPV.0105	RAILING STEEL TYPE "W" REHABILITATION	LS	1
SPV.0165	FIBER WRAP REINFORING NON-STRUCTURAL	SF	53

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-64-79

DRAWN BY ACT | PLANS CK'D. SJG

GIRDER REPAIR

SHEET 2 OF 2

221

8

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9/1/2020

DIVISION 1 - 67

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
368+00	0.00	0.50	0.47	0	0	0	0	0
368+50	50.00	6.35	0.20	6	1	6	1	5
369+00	50.00	1.00	0.18	7	0	13	1	12
369+50	50.00	2.61	0.13	3	0	16	1	15
370+00	50.00	2.27	0.12	5	0	21	1	20
370+50	50.00	0.91	0.30	3	0	24	1	23
371+00	50.00	0.47	0.06	1	0	25	1	24

DIVISION 2 - 67

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
469+00	0.00	2.41	0.00	0	0	0	0	0
469+50	50.00	5.09	0.00	7	0	7	0	7
470+00	50.00	12.24	0.00	16	0	23	0	23
470+50	50.00	17.26	0.00	27	0	50	0	50
470+78	27.94	21.50	0.00	20	0	70	0	70
470+81	2.73	21.12	0.00	2	0	72	0	72
471+00	19.33	22.44	0.00	16	0	88	0	88
471+50	50.00	15.07	0.00	35	0	123	0	123
472+00	50.00	10.19	0.00	23	0	146	0	146
472+50	50.00	4.96	0.00	14	0	160	0	160
472+75	25.00	3.00	0.00	4	0	164	0	164

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DIVISION 3 - 67

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
492+50	0.00	1.64	0.18	0	0	0	0	0
493+00	50.00	5.10	0.09	6	0	6	0	6
493+50	50.00	4.68	0.08	9	0	15	0	15
494+00	50.00	7.29	0.12	11	0	26	0	26
494+28	27.66	4.00	0.14	6	0	32	0	32
494+50	22.34	5.09	0.19	4	0	36	0	36

DIVISION 4 - 67

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
496+25	0.00	1.24	0.10	0	0	0	0	0
496+50	25.00	0.86	0.43	1	0	1	0	1
497+00	50.00	5.73	0.16	6	1	7	1	6
497+50	50.00	6.90	0.12	12	0	19	1	18
498+00	50.00	6.86	0.14	13	0	32	1	31
498+14	14.35	4.94	0.73	3	0	35	1	34
498+24	9.27	11.37	0.22	3	0	38	1	37
498+33	9.27	10.20	0.11	4	0	42	1	41
498+50	17.12	8.85	0.15	6	0	48	1	47
499+00	50.00	6.17	0.15	14	0	62	1	61
499+50	50.00	9.65	0.13	15	0	77	1	76
500+00	50.00	5.73	0.21	14	0	91	1	90
500+50	50.00	1.36	0.19	7	0	98	1	97

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DIVISION 5 - 67

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
586+50	0.00	2.32	0.51	0	0	0	0	0
587+00	50.00	0.11	4.91	2	5	2	6	-4
587+46	46.00	0.00	13.41	0	16	2	26	-24
587+50	4.00	0.00	13.79	0	2	2	29	-27
587+70	20.00	0.00	12.74	0	10	2	41	-39
587+96	26.00	0.01	6.97	0	9	2	53	-51
588+00	4.00	0.03	6.38	0	1	2	54	-52
588+50	50.00	0.00	4.27	0	10	2	66	-64
589+00	50.00	0.00	2.15	0	6	2	74	-72
589+50	50.00	0.00	6.95	0	8	2	84	-82
590+00	50.00	0.02	2.43	0	9	2	95	-93
590+50	50.00	0.25	1.22	0	3	2	99	-97
591+00	50.00	0.19	1.66	0	3	2	103	-101
591+50	50.00	0.46	1.33	1	3	3	106	-103
592+00	50.00	0.00	5.54	0	6	3	114	-111
592+50	50.00	0.00	7.90	0	12	3	129	-126
593+00	50.00	0.00	8.47	0	15	3	148	-145
593+25	25.00	1.91	1.31	1	5	4	154	-150
593+50	25.00	5.61	1.34	3	1	7	155	-148
593+75	25.00	11.26	1.39	8	1	15	156	-141
594+00	25.00	20.81	1.25	15	1	30	158	-128
594+25	25.00	38.71	0.55	28	1	58	159	-101
594+50	25.00	27.04	0.06	30	0	88	159	-71
594+72	22.00	29.12	0.08	23	0	111	159	-48
594+75	3.00	20.57	0.24	3	0	114	159	-45
594+80	5.00	16.41	3.08	3	0	117	159	-42
595+00	20.00	0.78	7.78	6	4	123	164	-41
595+23	23.10	0.00	66.54	0	32	123	204	-81
595+77	53.90	0.00	73.25	0	140	123	379	-256
596+00	23.00	0.00	9.98	0	35	123	423	-300
596+25	25.00	0.00	4.36	0	7	123	431	-308
596+30	5.00	0.00	3.74	0	1	123	433	-310
596+50	20.00	0.00	2.06	0	2	123	435	-312
596+55	5.00	0.00	2.40	0	0	123	435	-312
596+75	20.00	0.00	2.59	0	2	123	438	-315
596+80	5.00	0.00	3.79	0	1	123	439	-316
597+00	20.00	0.00	7.60	0	4	123	444	-321
597+05	5.00	0.00	13.34	0	2	123	446	-323
597+25	20.00	0.00	20.74	0	13	123	463	-340
597+30	5.00	0.00	19.85	0	4	123	468	-345
597+50	20.00	0.00	21.80	0	15	123	486	-363
597+54	4.00	0.00	22.16	0	3	123	490	-367
597+75	21.00	0.00	17.80	0	16	123	510	-387
598+00	25.00	0.00	12.59	0	14	123	528	-405
598+25	25.00	0.00	5.70	0	8	123	538	-415
598+50	25.00	0.00	1.07	0	3	123	541	-418

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DIVISION 6 - 67

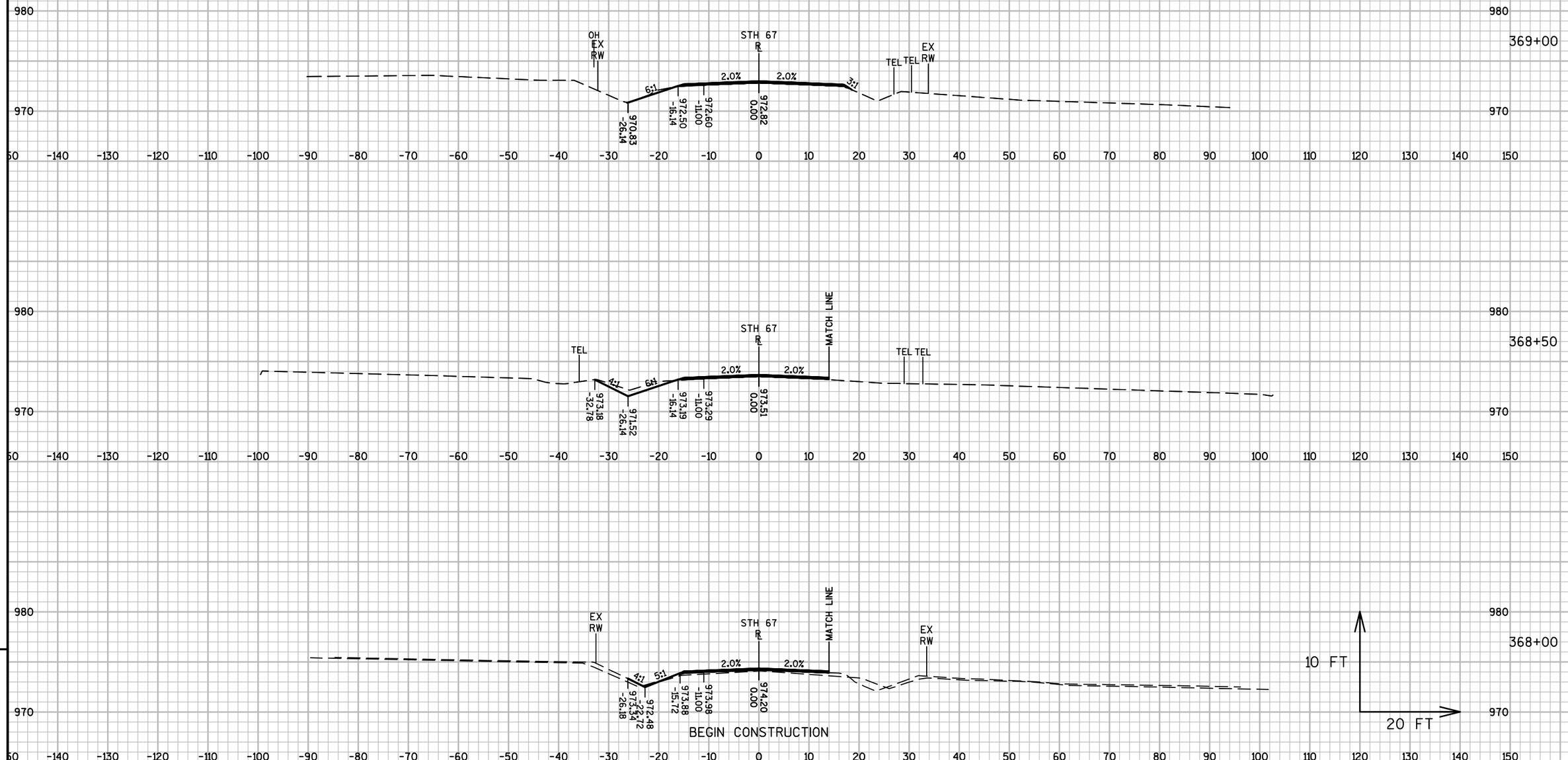
STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
657+75	0.00	5.80	0.13	0	0	0	0	0
658+00	25.00	7.08	0.18	6	0	6	0	6
658+50	50.00	3.81	0.15	10	0	16	0	16
659+00	50.00	2.33	0.32	6	0	22	0	22
659+50	50.00	0.64	2.20	3	2	25	3	23
659+82	32.18	1.08	1.10	1	2	26	5	21
660+00	17.82	3.52	0.28	2	0	28	5	23
660+50	50.00	5.79	0.19	9	0	37	5	32
660+90	40.00	1.13	4.17	5	3	42	9	37

DIVISION 7 - 67

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
710+25	0.00	2.90	0.28	0	0	0	0	0
710+50	25.00	3.94	0.23	3	0	3	0	3
711+00	50.00	4.88	0.17	8	0	11	0	11
711+50	50.00	2.59	2.18	7	2	18	3	16
711+91	40.96	2.97	9.47	4	9	22	14	8
712+00	9.04	2.99	7.55	1	3	23	18	6
712+50	50.00	7.71	0.47	10	7	33	26	7
713+00	50.00	7.11	0.12	14	1	47	28	20
713+50	50.00	7.28	0.06	13	0	60	28	33
714+00	50.00	2.90	0.05	9	0	69	28	42
714+25	25.00	1.15	0.08	2	0	71	28	44

DIVISION 8 - 67

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
765+50	0.00	2.41	0.29	0	0	0	0	0
766+00	50.00	1.90	0.30	4	1	4	1	3
766+50	50.00	4.31	0.29	6	1	10	3	8
767+00	50.00	7.73	0.48	11	1	21	4	17
767+17.834	17.83	7.29	0.00	5	0	26	4	22

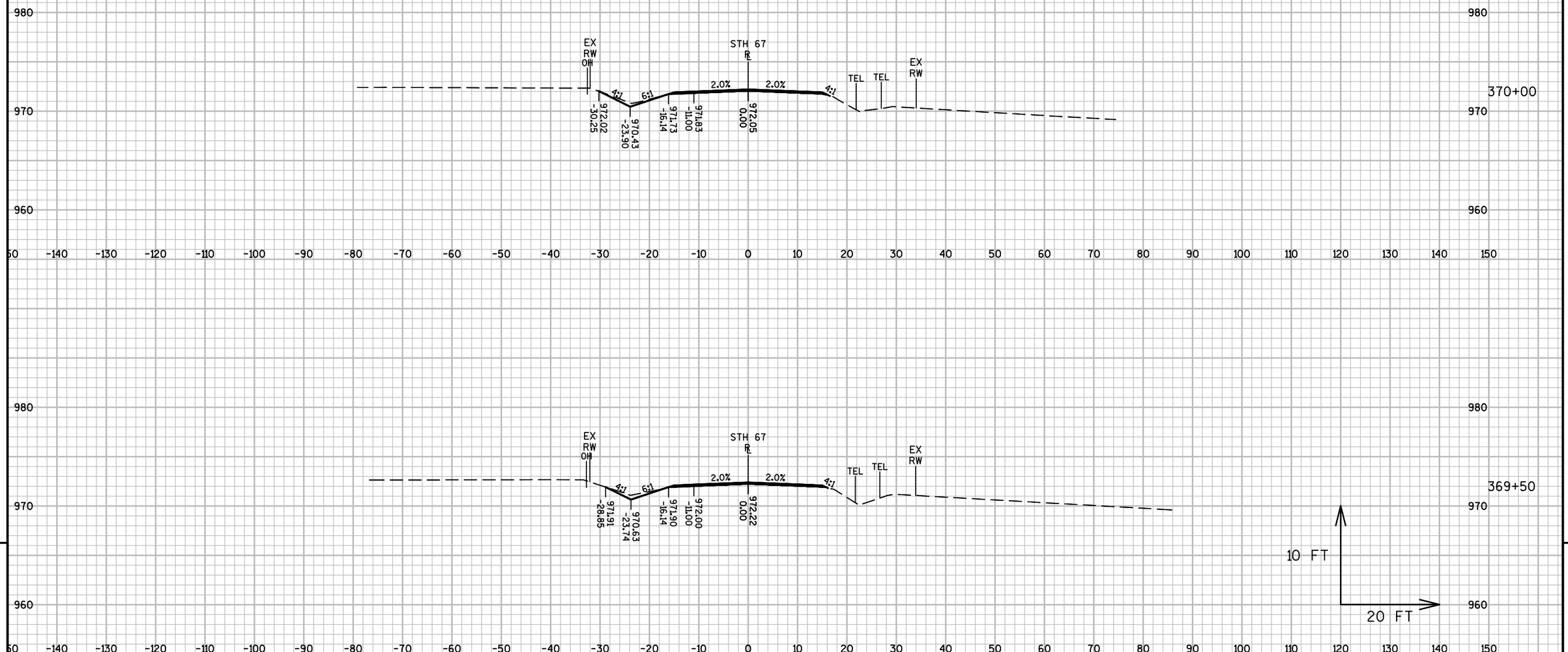


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WISDOT/CADDS SHEET 49



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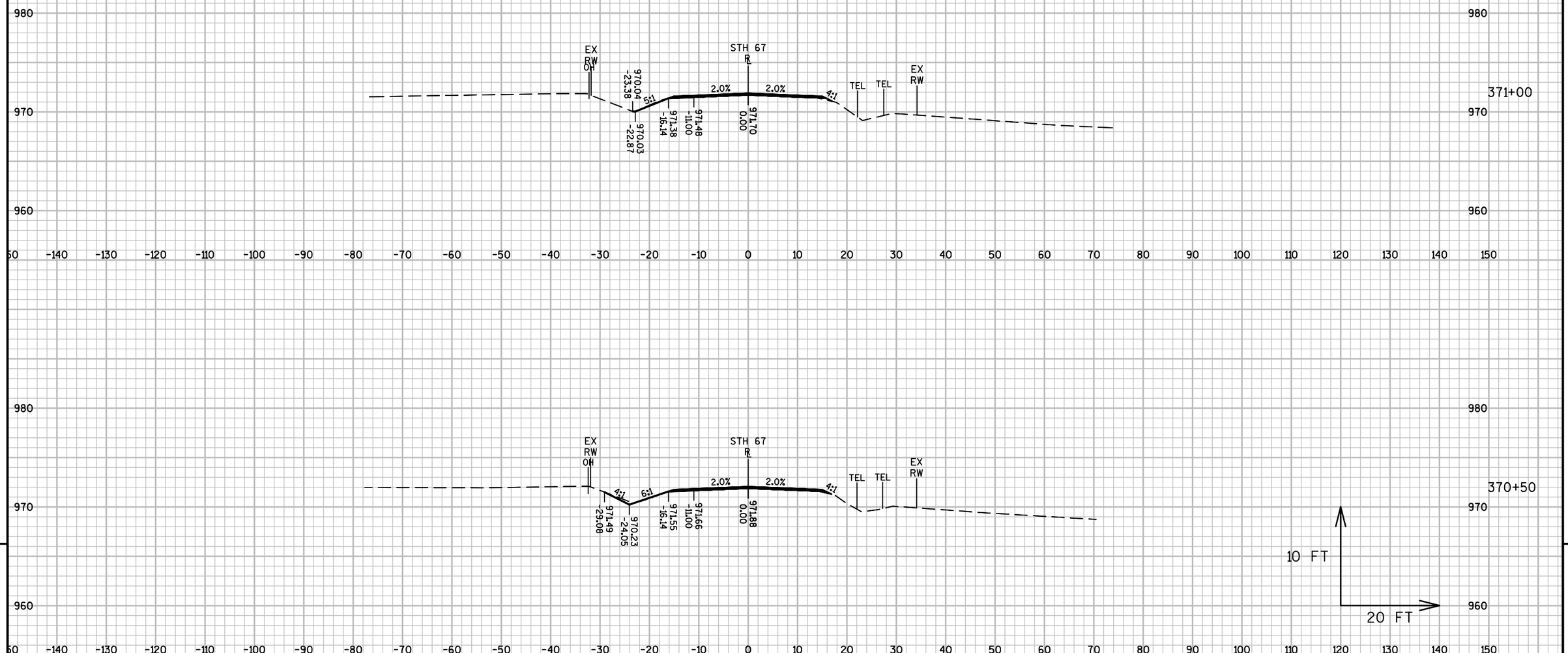
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END CONSTRUCTION



9

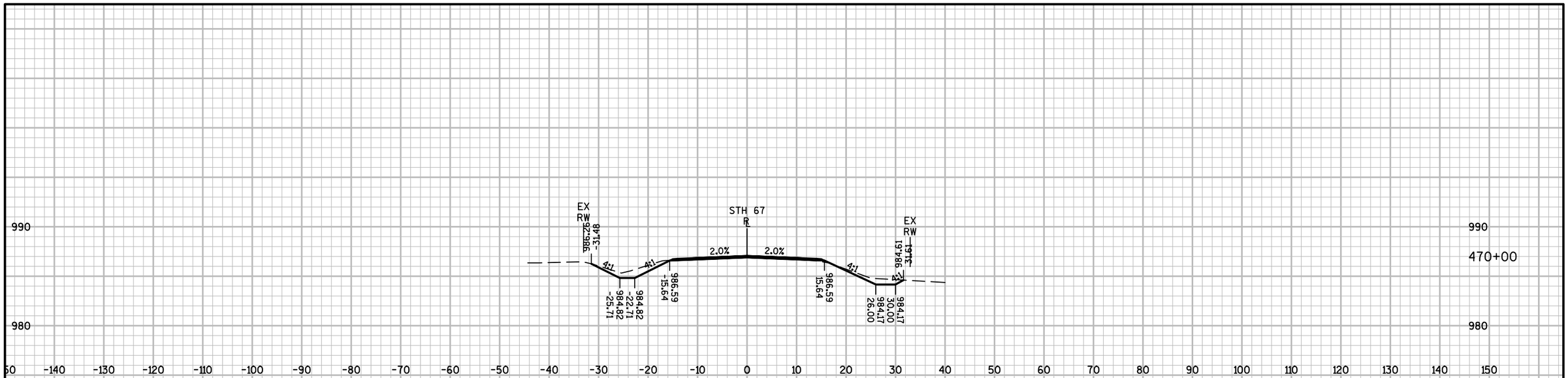
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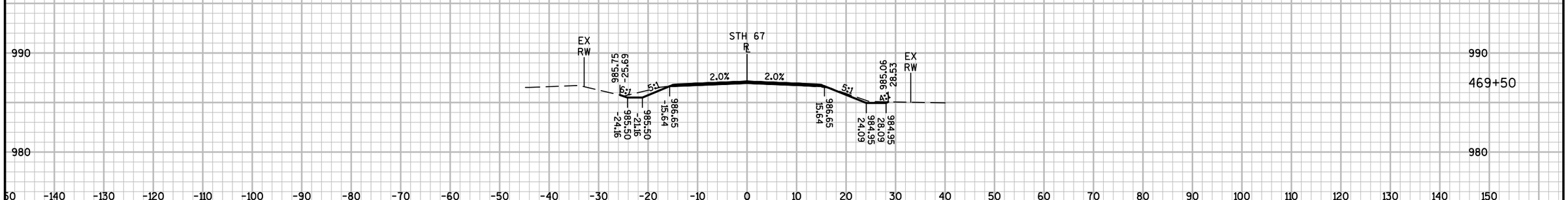
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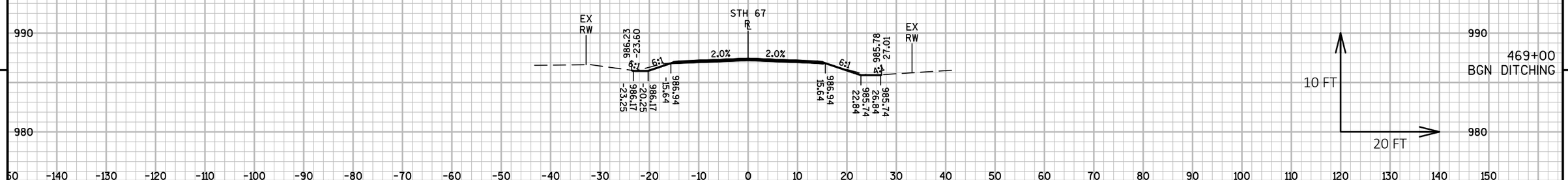
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PLOT DATE : 9/23/2020 12:25 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



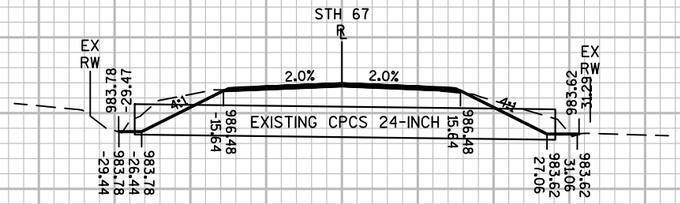




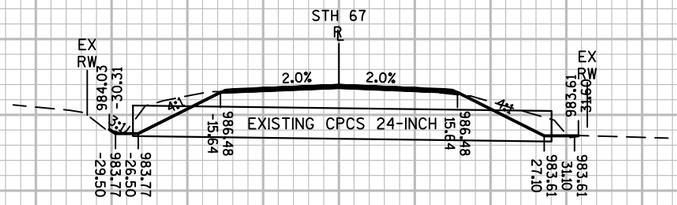
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.42 DITCHING	SHEET 229	E

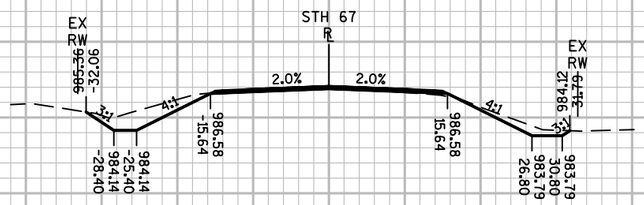
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090202-XS-CP 3.42 DITCHING.DWG
LAYOUT NAME - 01
PLOT DATE : 9/23/2020 12:37 PM
PLOT BY : NICK FULTON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



990
980
470+81



990
980
470+78



990
980
470+50

10 FT
20 FT

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

9

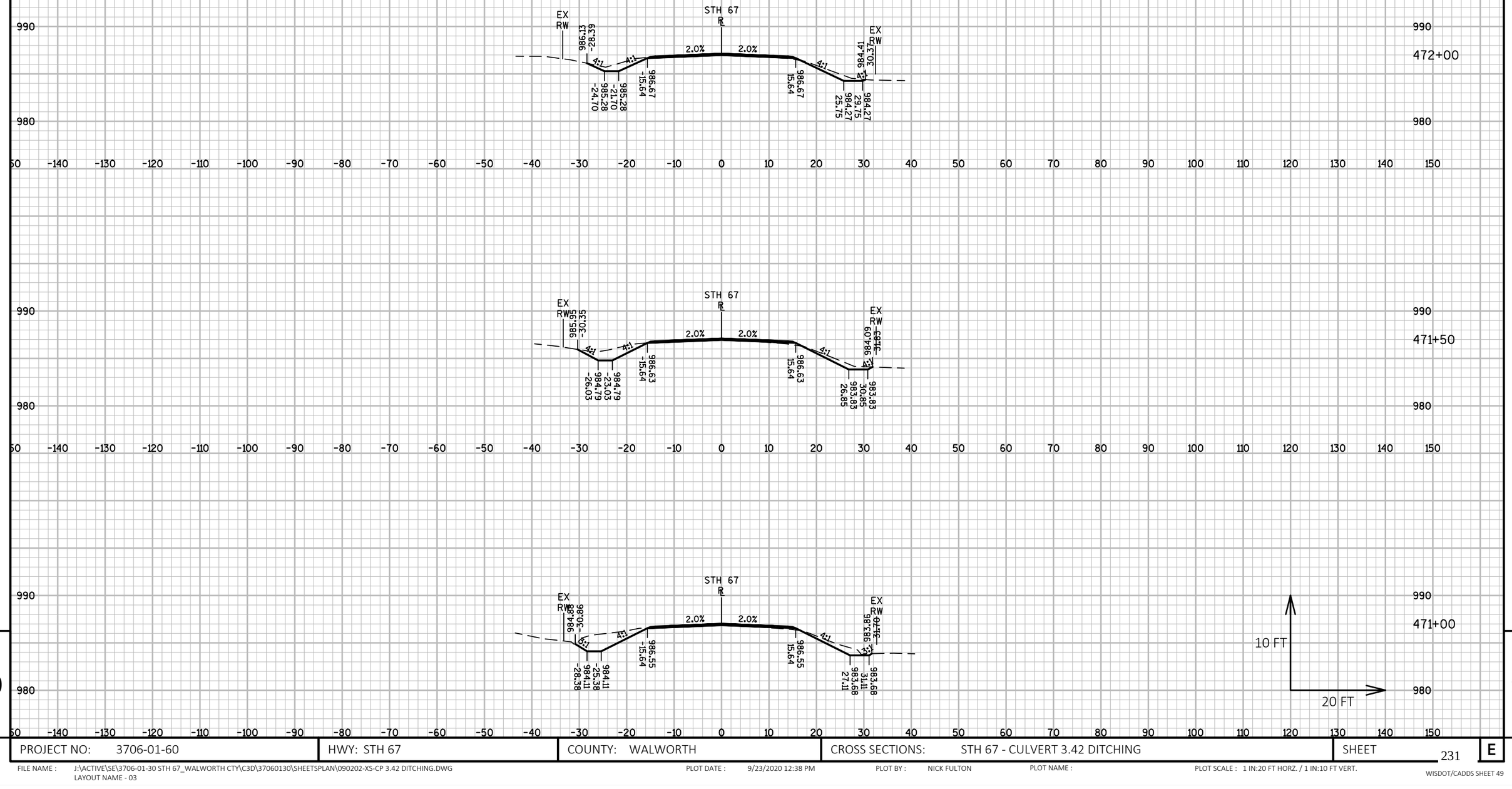
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.42 DITCHING	SHEET 230	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090202-XS-CP 3.42 DITCHING.DWG
LAYOUT NAME - 02

PLOT DATE : 9/23/2020 12:38 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

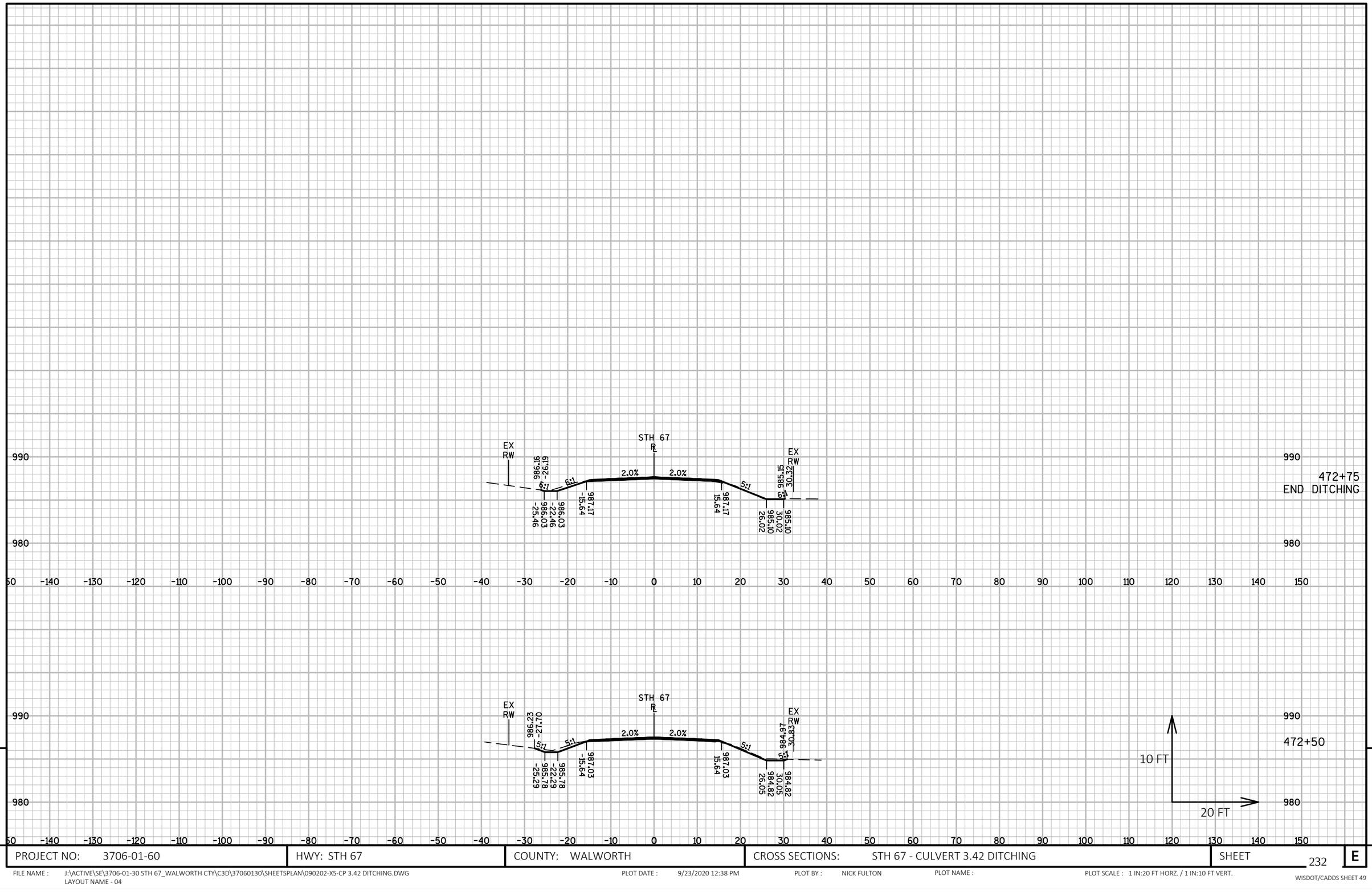


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.42 DITCHING	SHEET 231 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090202-XS-CP 3.42 DITCHING.DWG
LAYOUT NAME - 03

PLOT DATE : 9/23/2020 12:38 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.42 DITCHING	SHEET 232	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090202-XS-CP 3.42 DITCHING.DWG
LAYOUT NAME - 04

PLOT DATE : 9/23/2020 12:38 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9

9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.87 & 3.94 DITCHING	SHEET 233	E

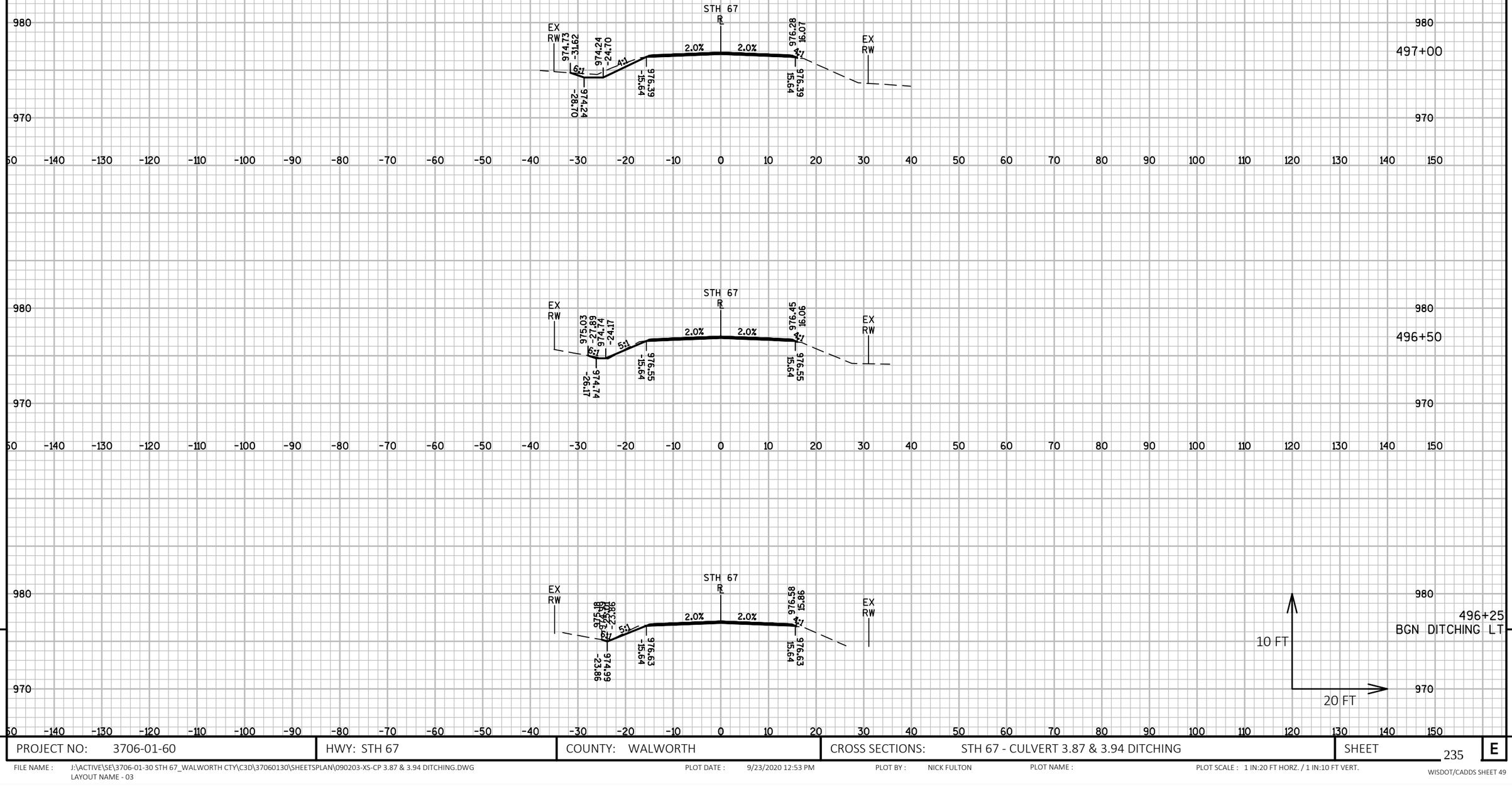
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090203-XS-CP 3.87 & 3.94 DITCHING.DWG
LAYOUT NAME - 01

PLOT DATE : 9/23/2020 12:50 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.87 & 3.94 DITCHING	SHEET 234	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090203-XS-CP 3.87 & 3.94 DITCHING.DWG
LAYOUT NAME - 02
PLOT DATE : 9/23/2020 12:51 PM
PLOT BY : NICK FULTON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

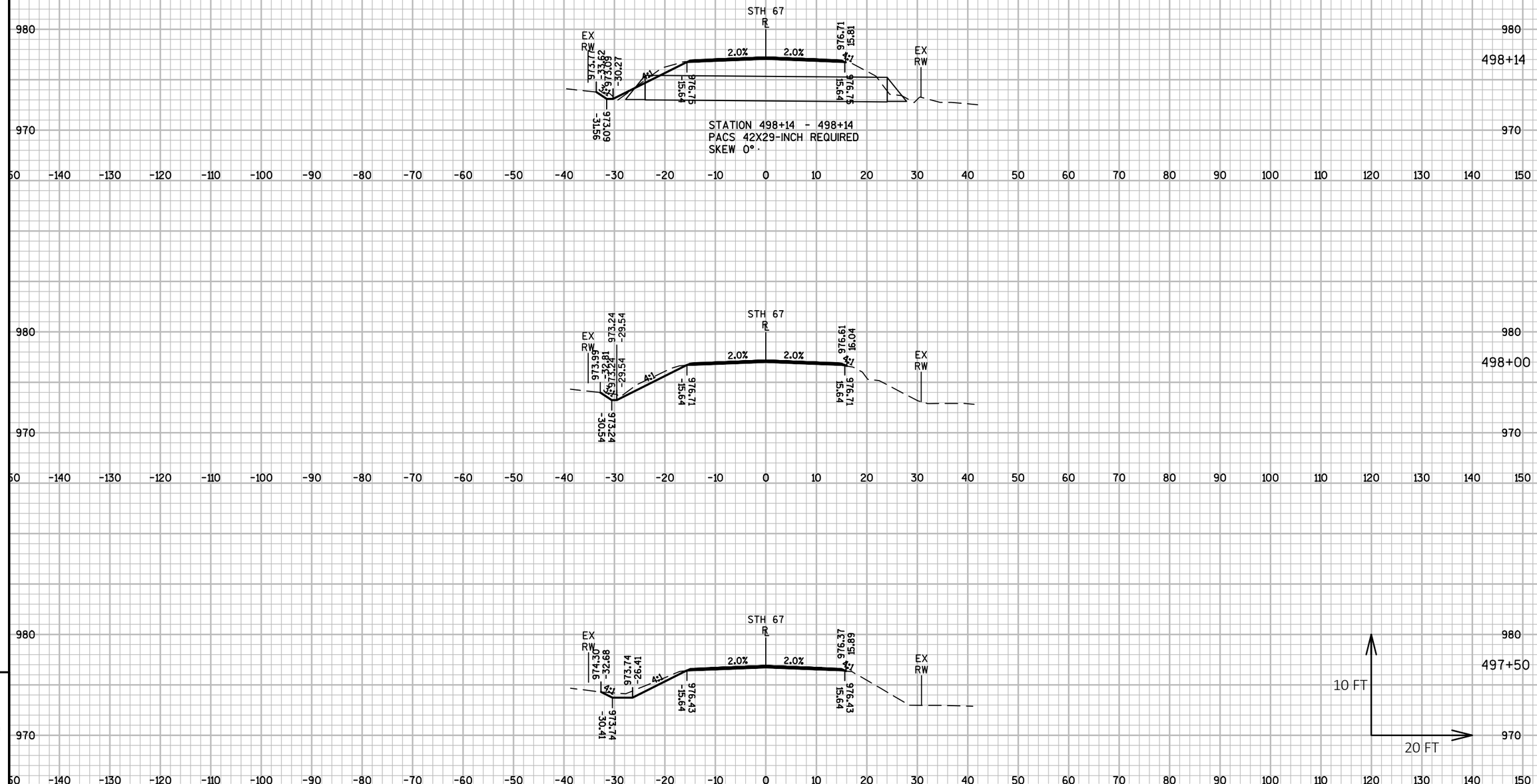
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.87 & 3.94 DITCHING	SHEET 235	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090203-XS-CP 3.87 & 3.94 DITCHING.DWG
LAYOUT NAME - 03

PLOT DATE : 9/23/2020 12:53 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

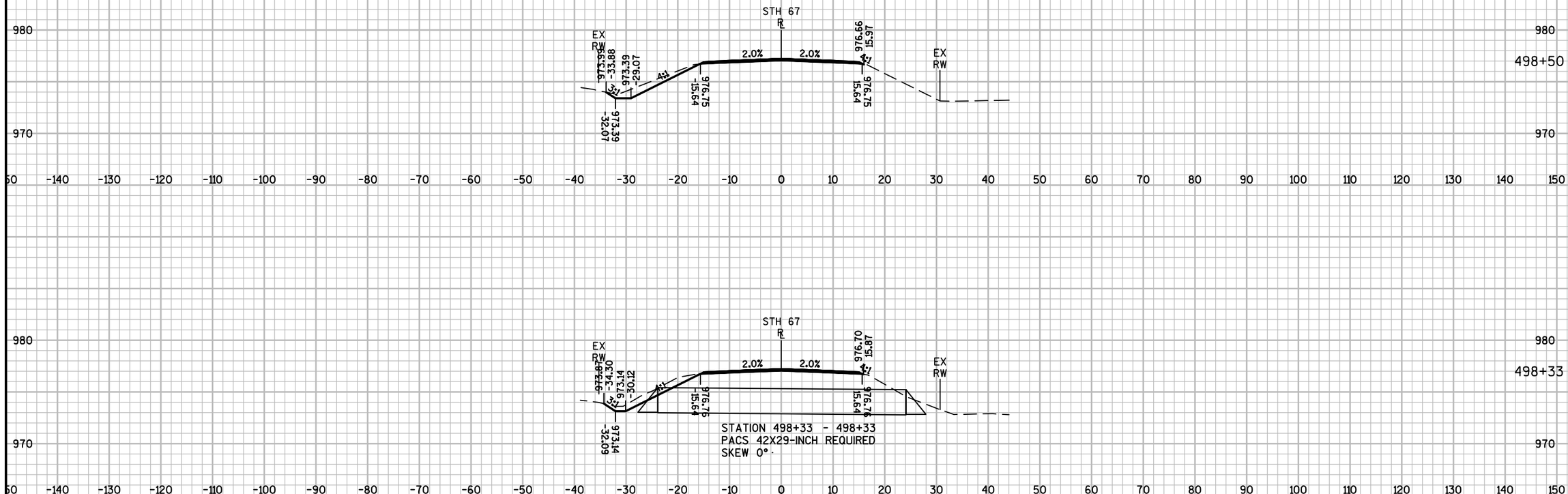


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9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.87 & 3.94 DITCHING	SHEET 236	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090203-XS-CP 3.87 & 3.94 DITCHING.DWG
LAYOUT NAME - 04
PLOT DATE : 9/23/2020 12:54 PM
PLOT BY : NICK FULTON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

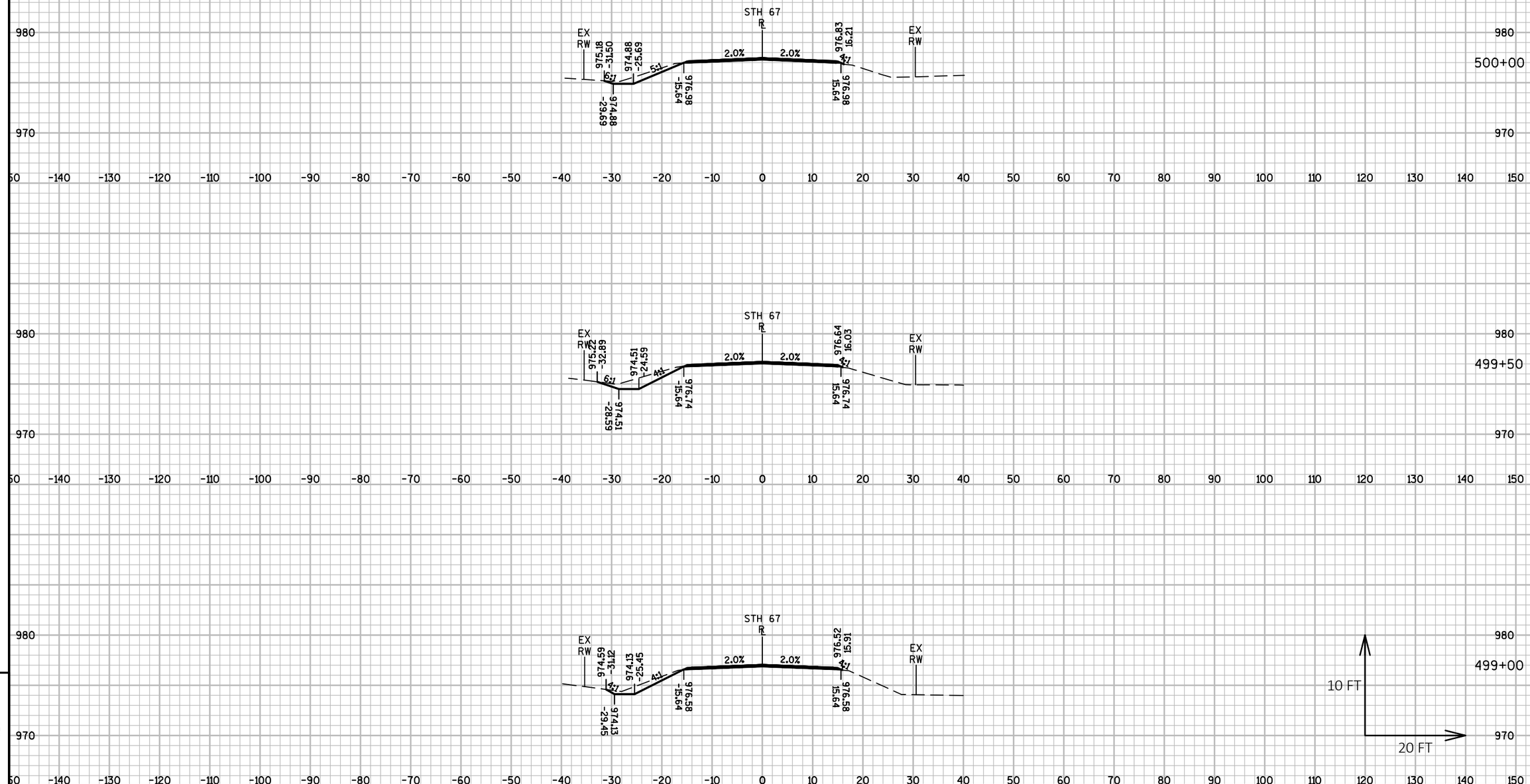


9

9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.87 & 3.94 DITCHING	SHEET 237	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090203-XS-CP 3.87 & 3.94 DITCHING.DWG
LAYOUT NAME - 05
PLOT DATE : 9/23/2020 12:55 PM
PLOT BY : NICK FULTON
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49



9

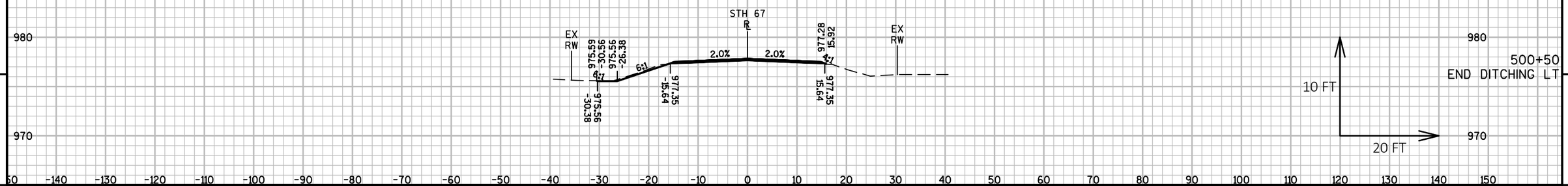
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.87 & 3.94 DITCHING	SHEET 238 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090203-XS-CP 3.87 & 3.94 DITCHING.DWG
LAYOUT NAME - 06

PLOT DATE : 9/23/2020 12:56 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

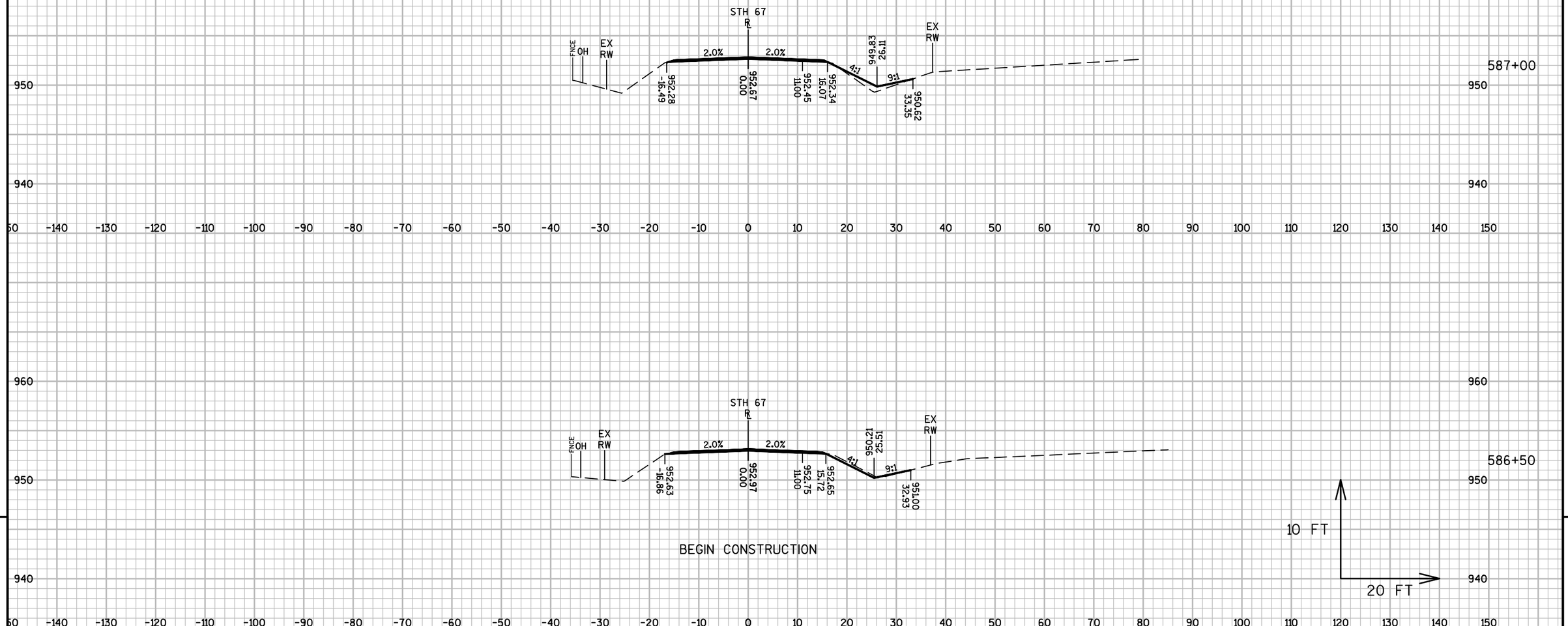


9 9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CULVERT 3.87 & 3.94 DITCHING	SHEET 239	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090203-XS-CP 3.87 & 3.94 DITCHING.DWG
LAYOUT NAME - 07

PLOT DATE : 9/23/2020 12:57 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

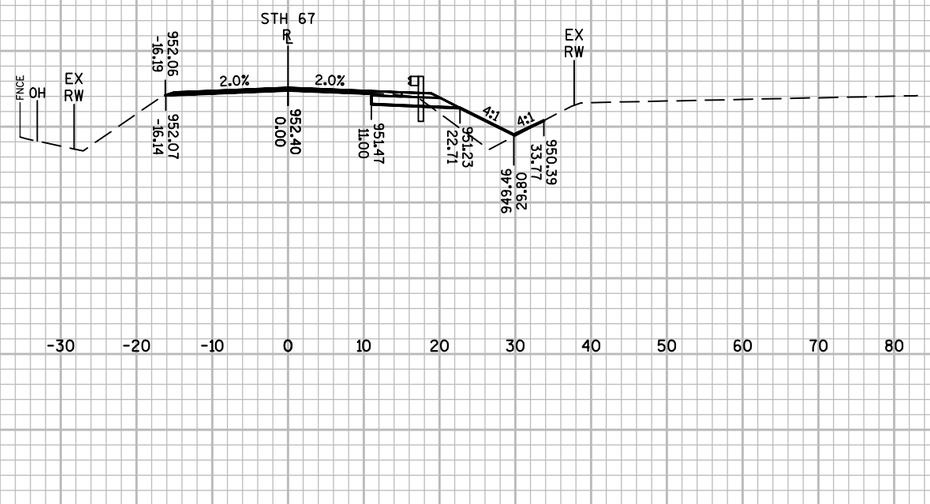


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 240 E

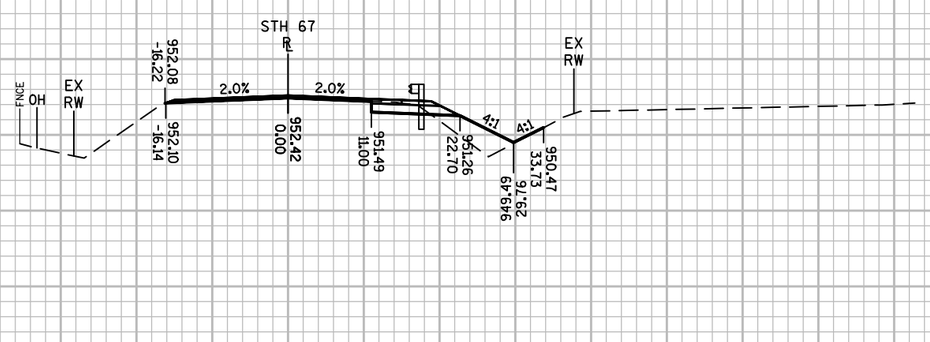
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 01

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



587+50



587+46
POST 1 RT

10 FT
20 FT

960
950
940
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

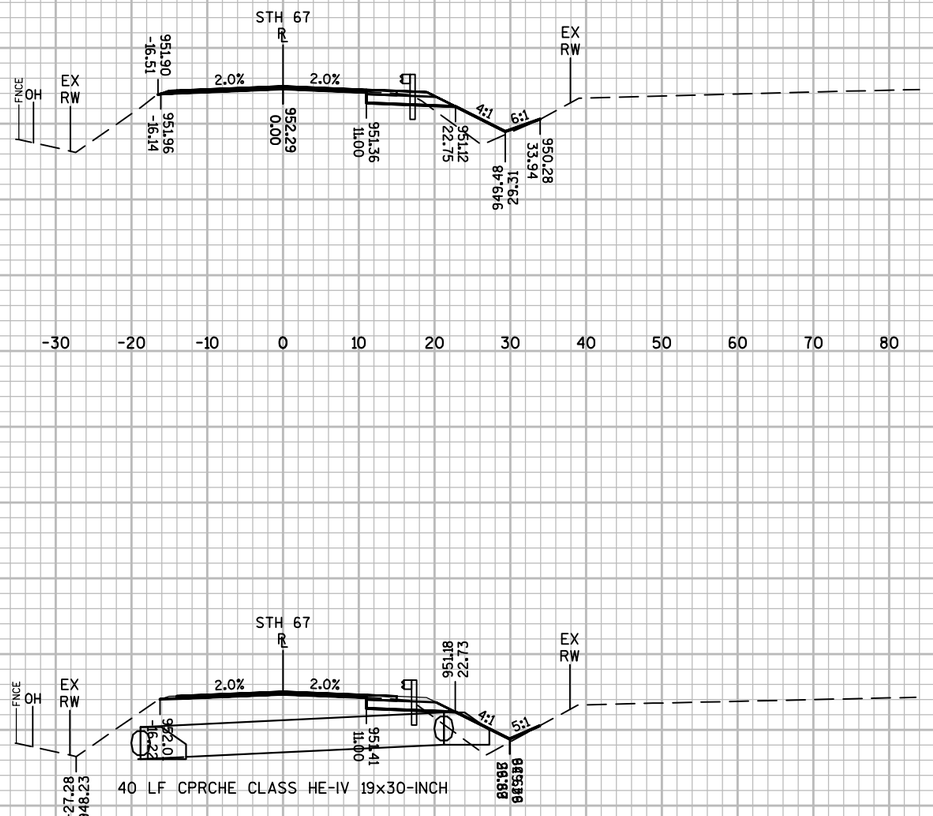
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 241	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 02

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



-140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

9

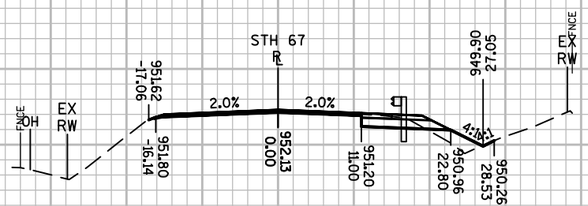
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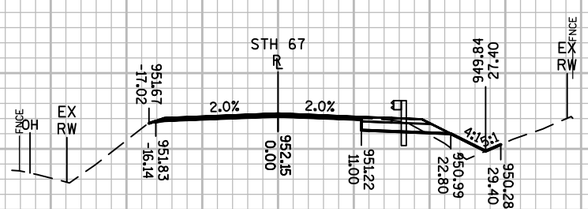
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 242	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 03

PLOT DATE : 9/23/2020 12:04 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





588+00

587+96

10 FT

20 FT

9

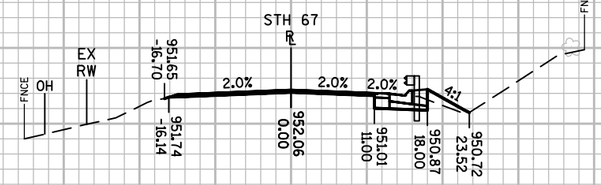
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 243	E

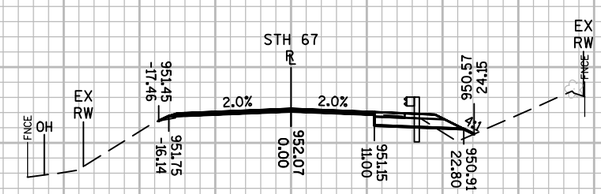
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 04

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



589+00



588+50

10 FT

20 FT

9

9

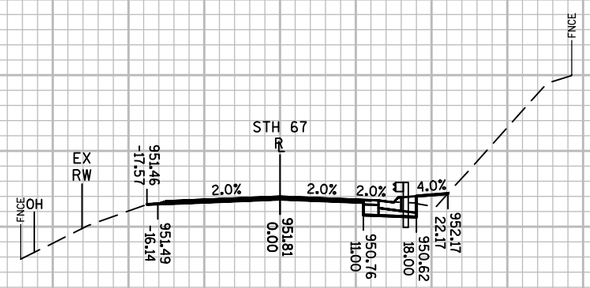
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 244	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 05

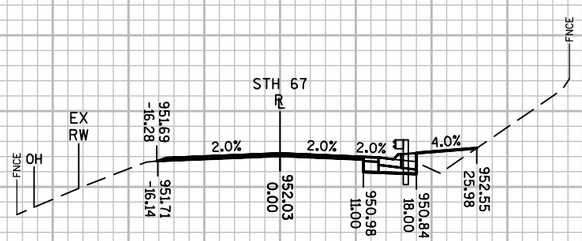
PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

970
960
950
940



590+00



589+50

10 FT

20 FT

9

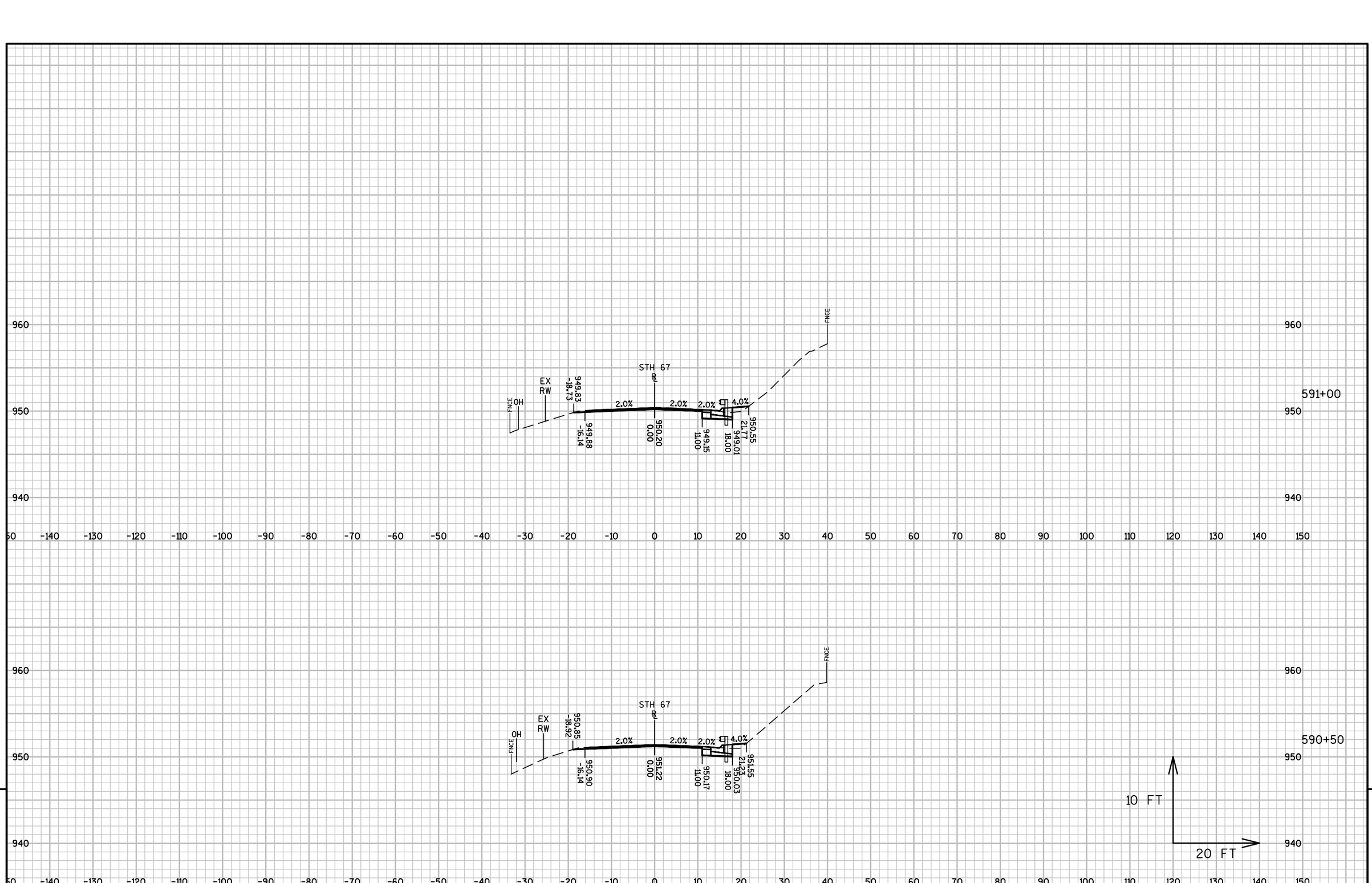
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 245	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 06

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

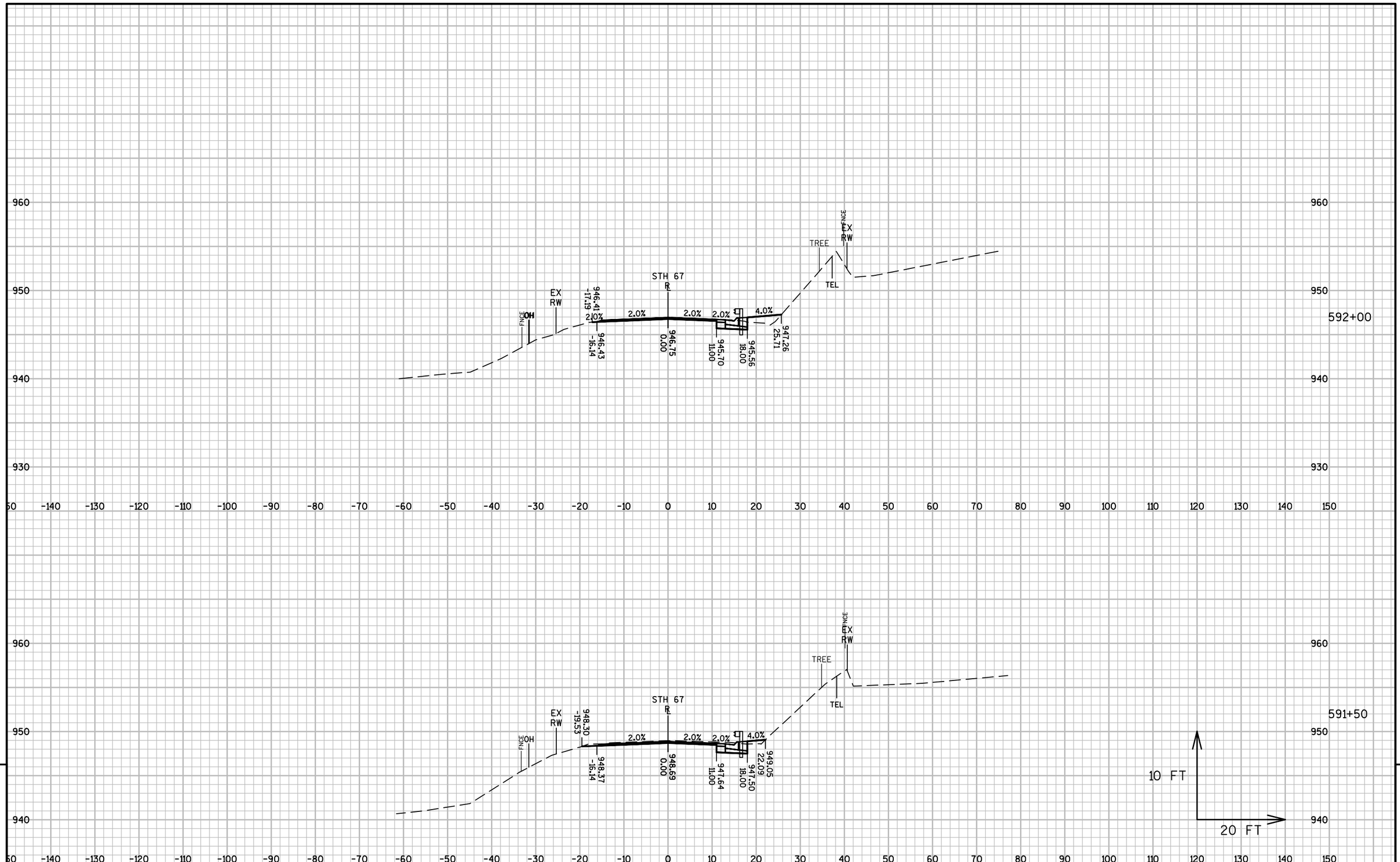


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 246 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 07

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



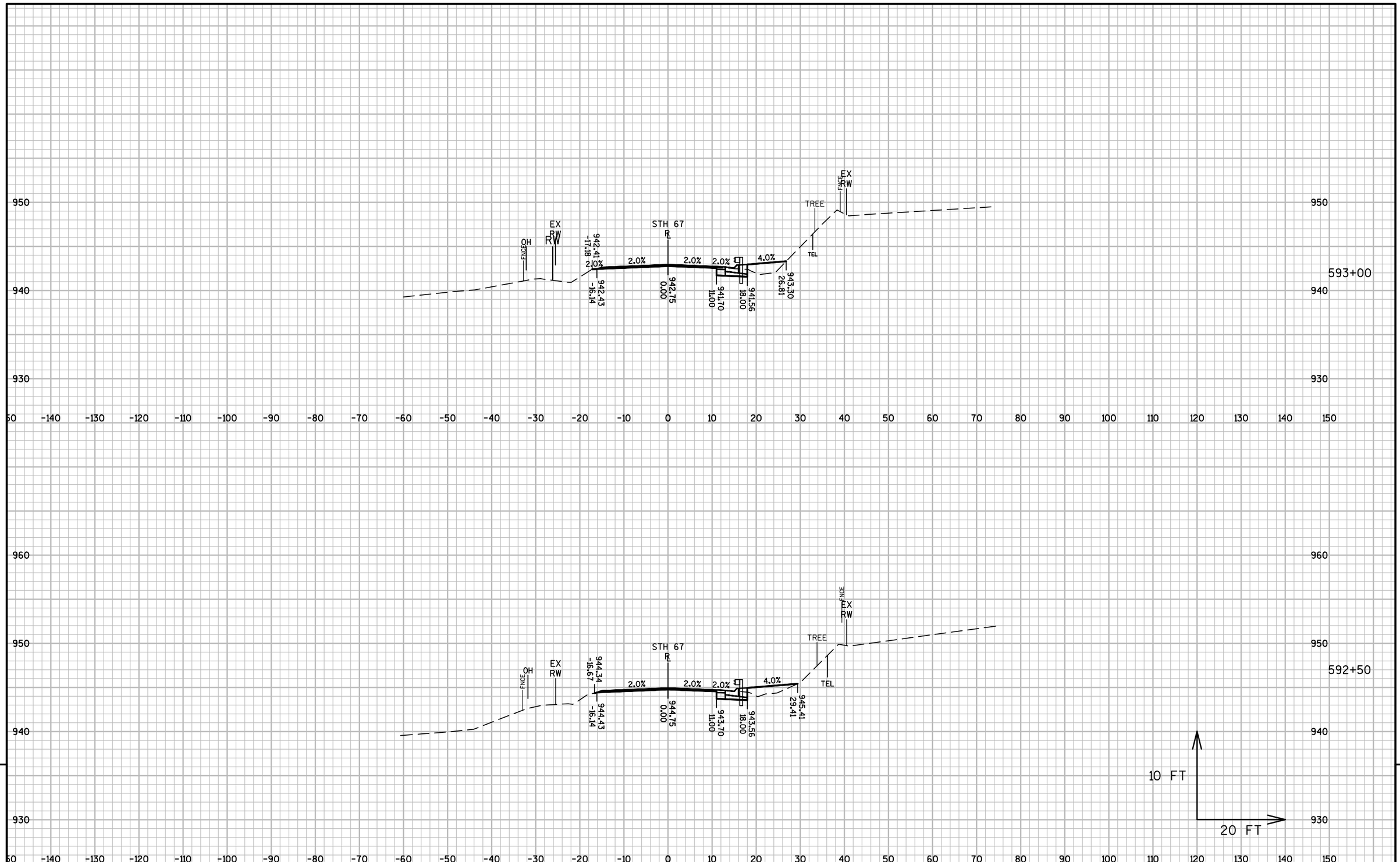
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9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 247	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 08

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT



9

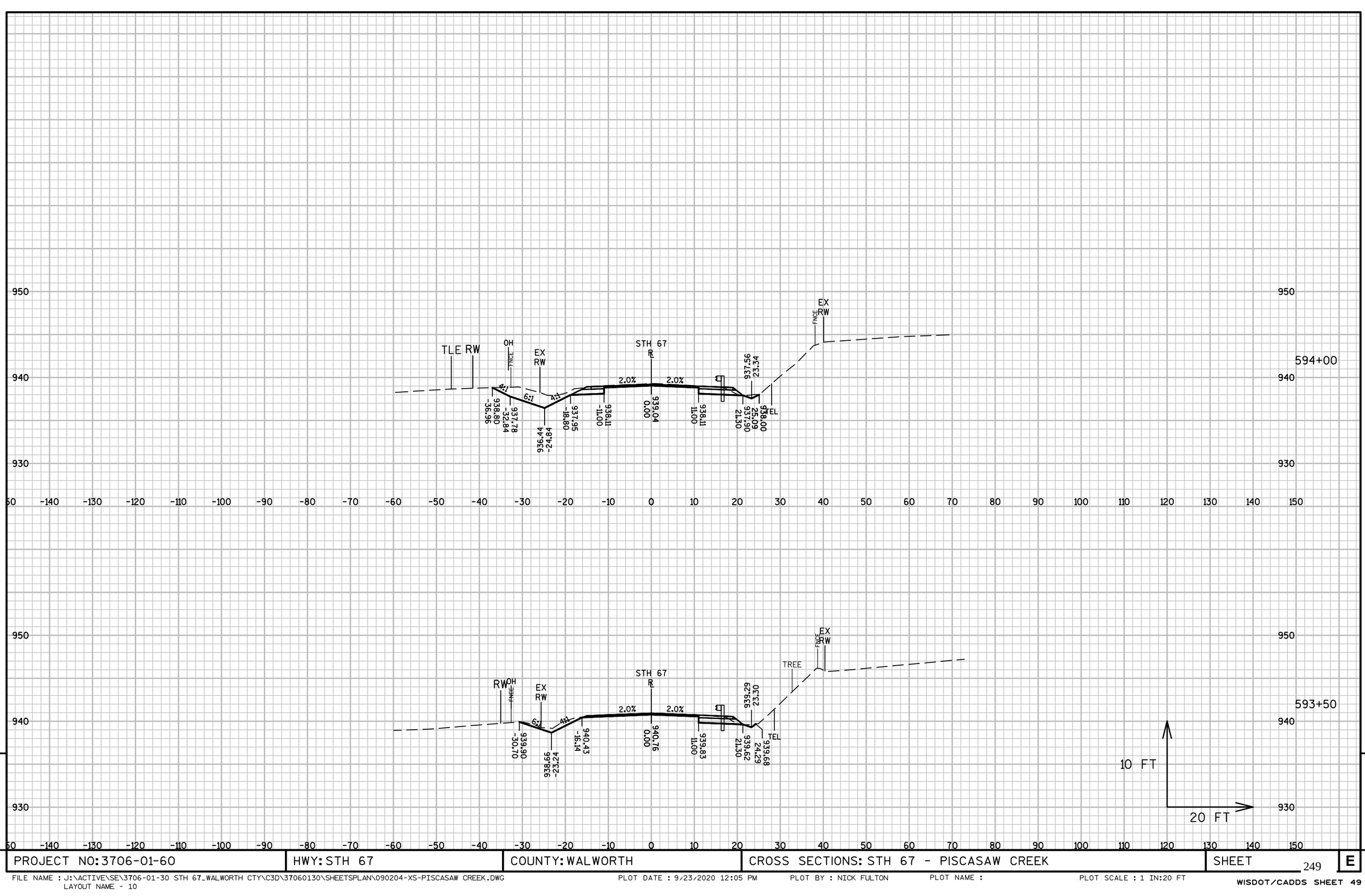
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 248	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 09

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

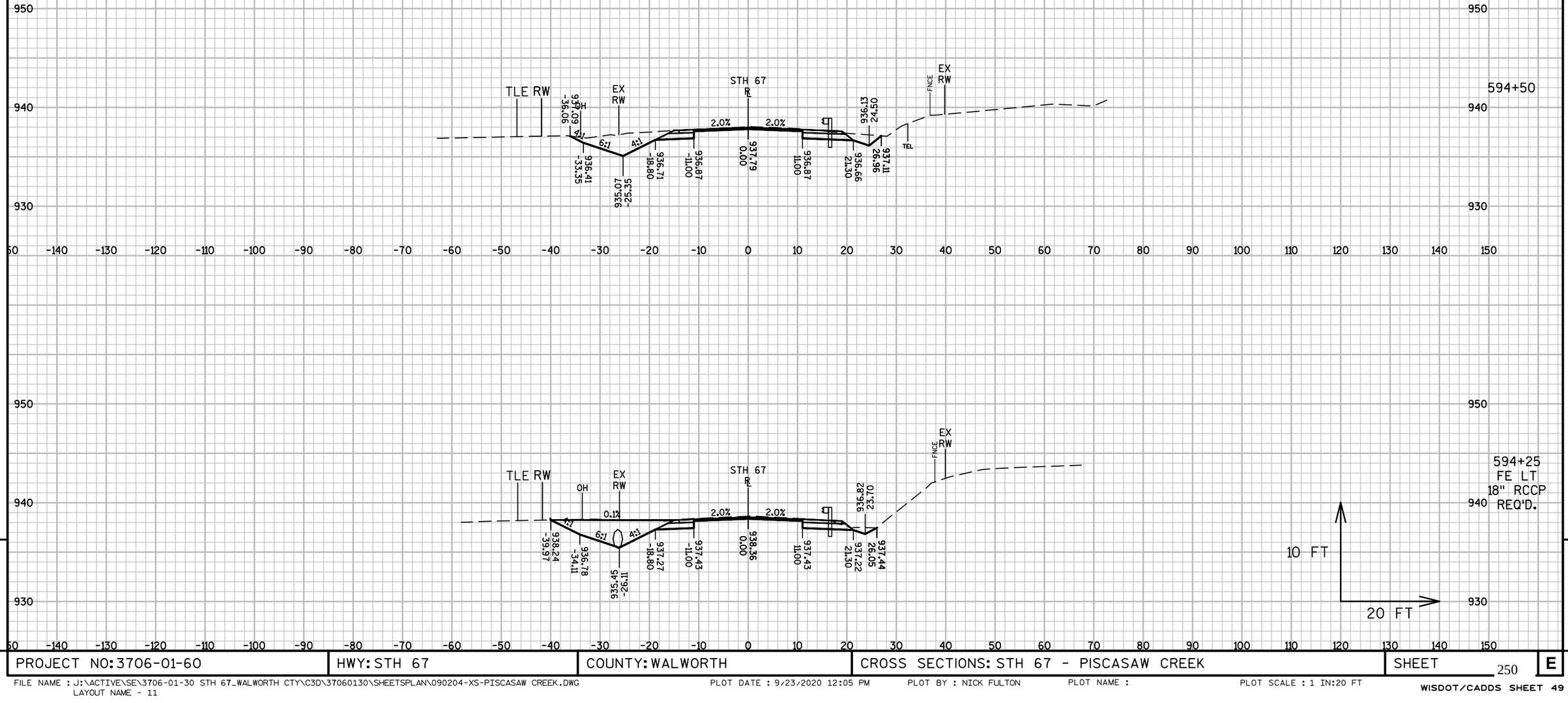


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 249	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 10

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

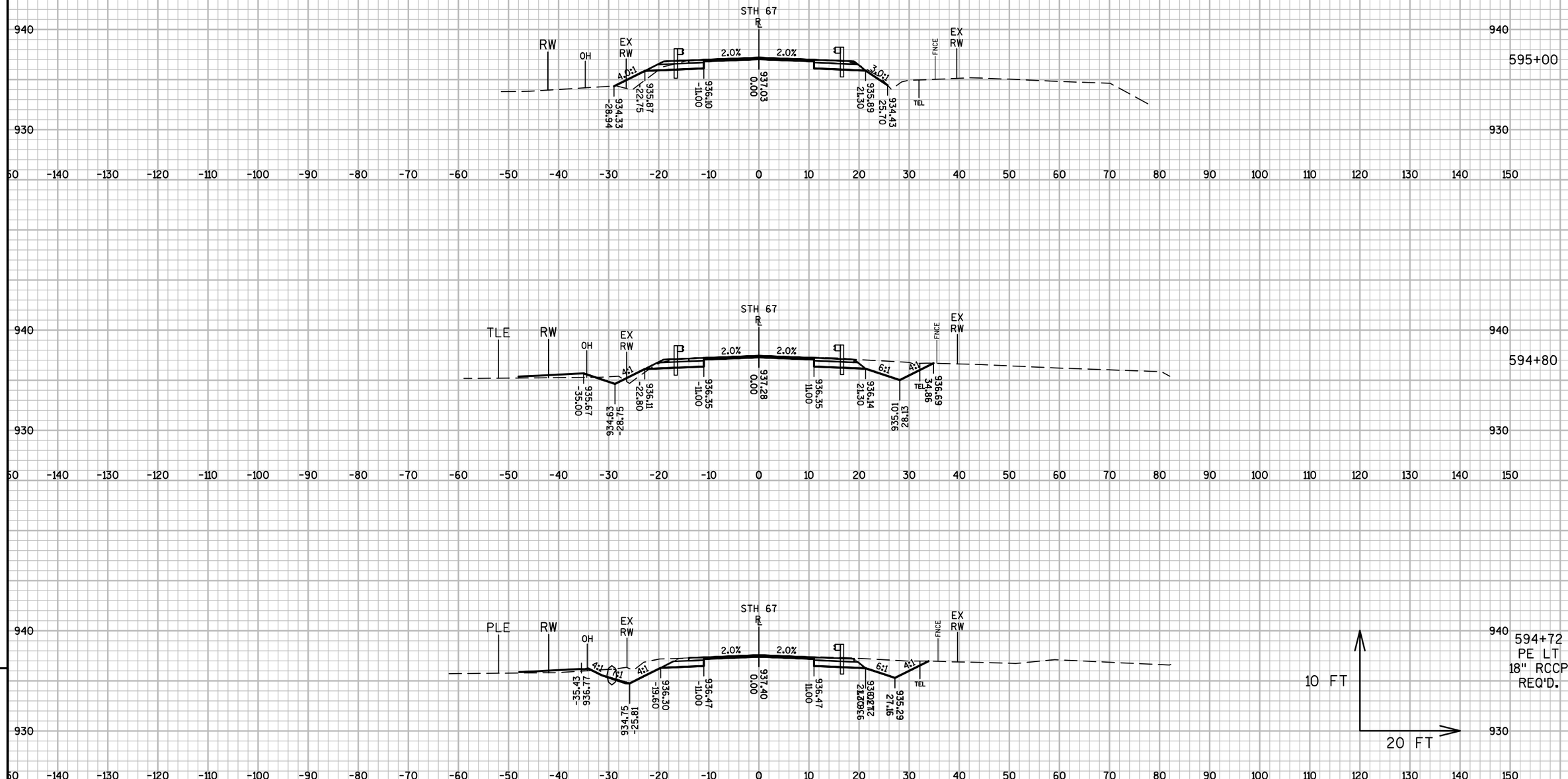


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 250	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 11

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



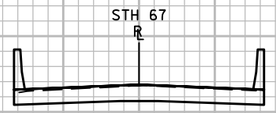
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 251	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 12

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

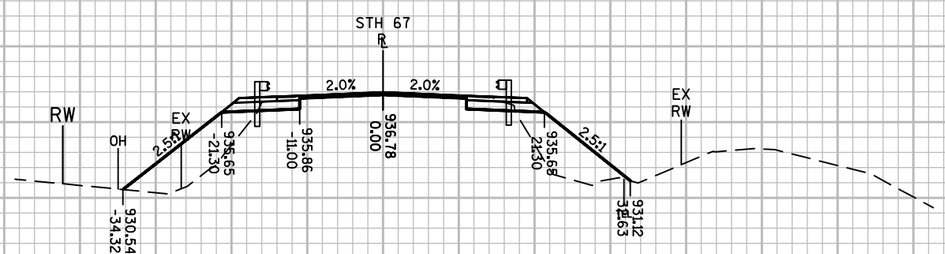
WISDOT/CADDS SHEET 49

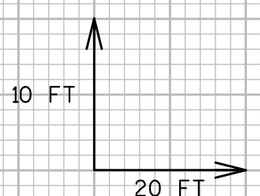
STRUCTURE B-64-79



595+50

595+23



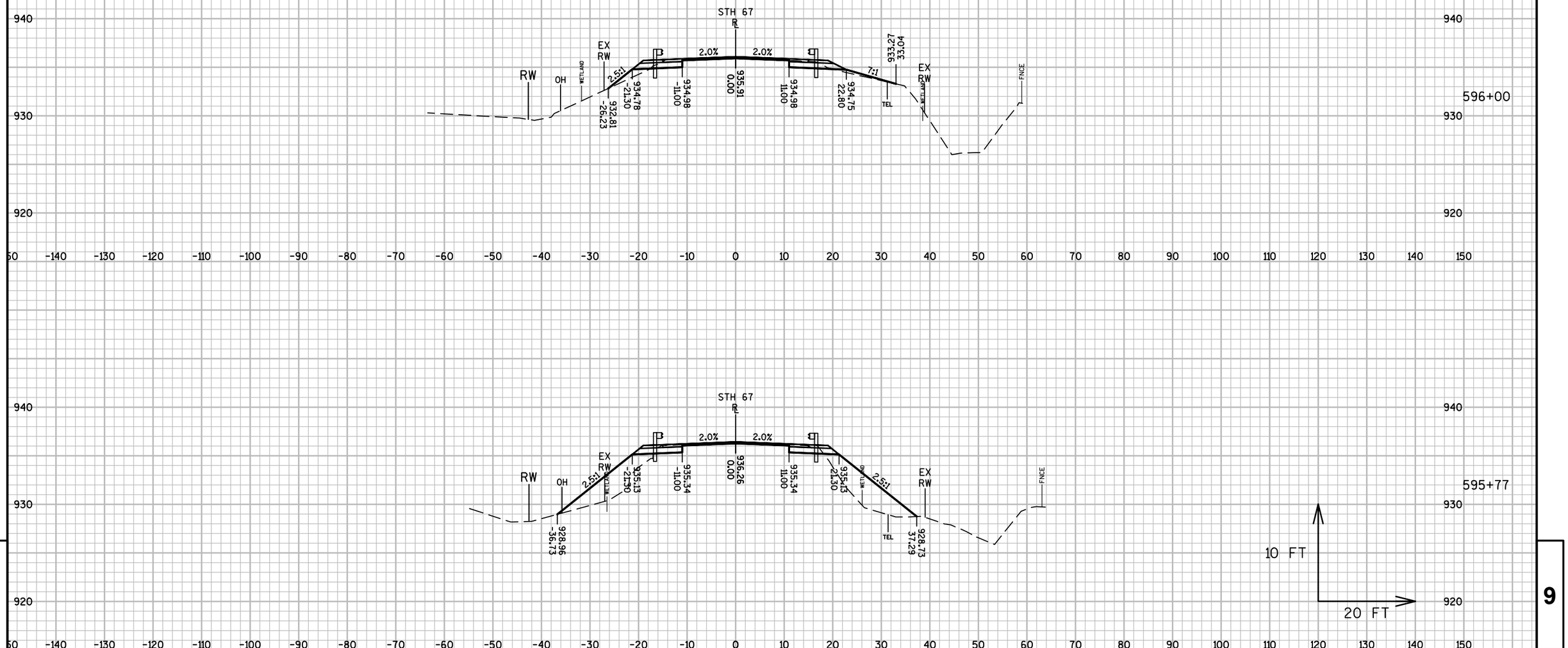


PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 252 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 13

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

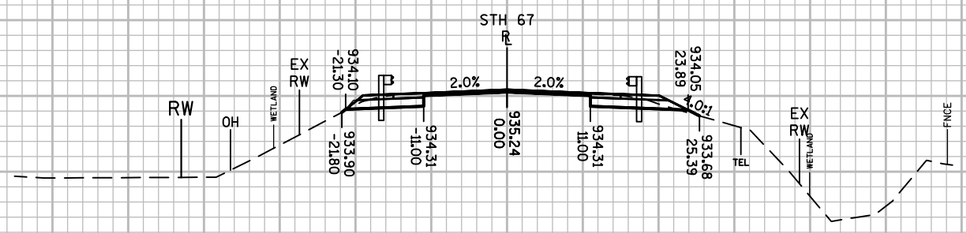


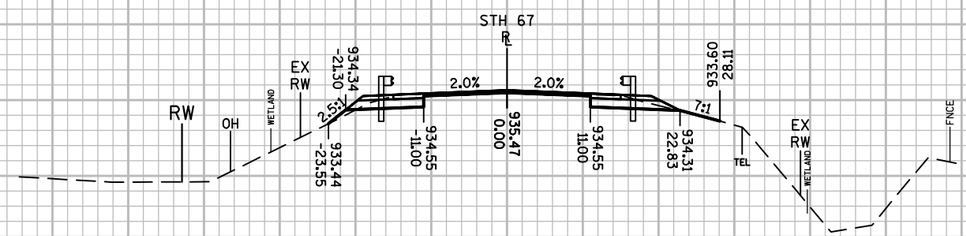
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 253 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 14

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





940
930
920
-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

596+50

596+30
POST 9 RT

10 FT
20 FT

9

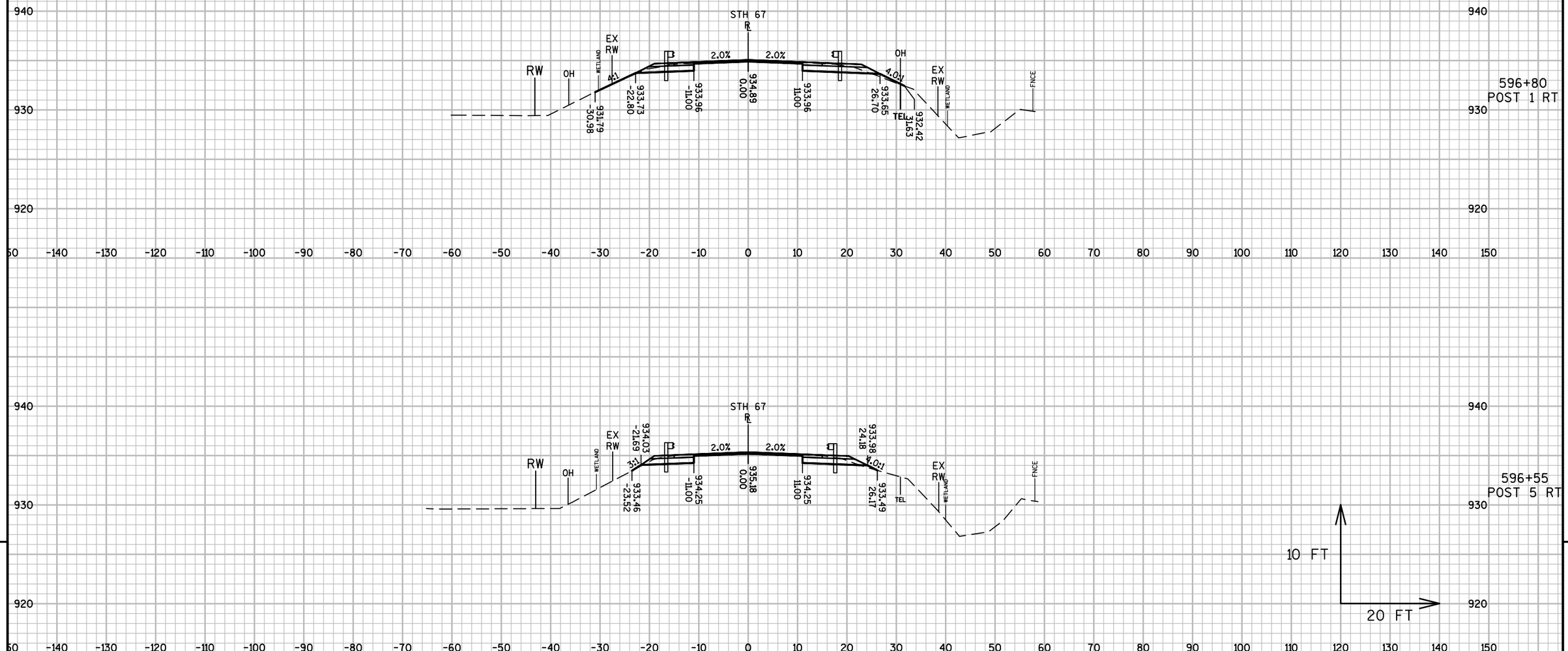
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 254	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 15

PLOT DATE : 9/23/2020 12:05 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

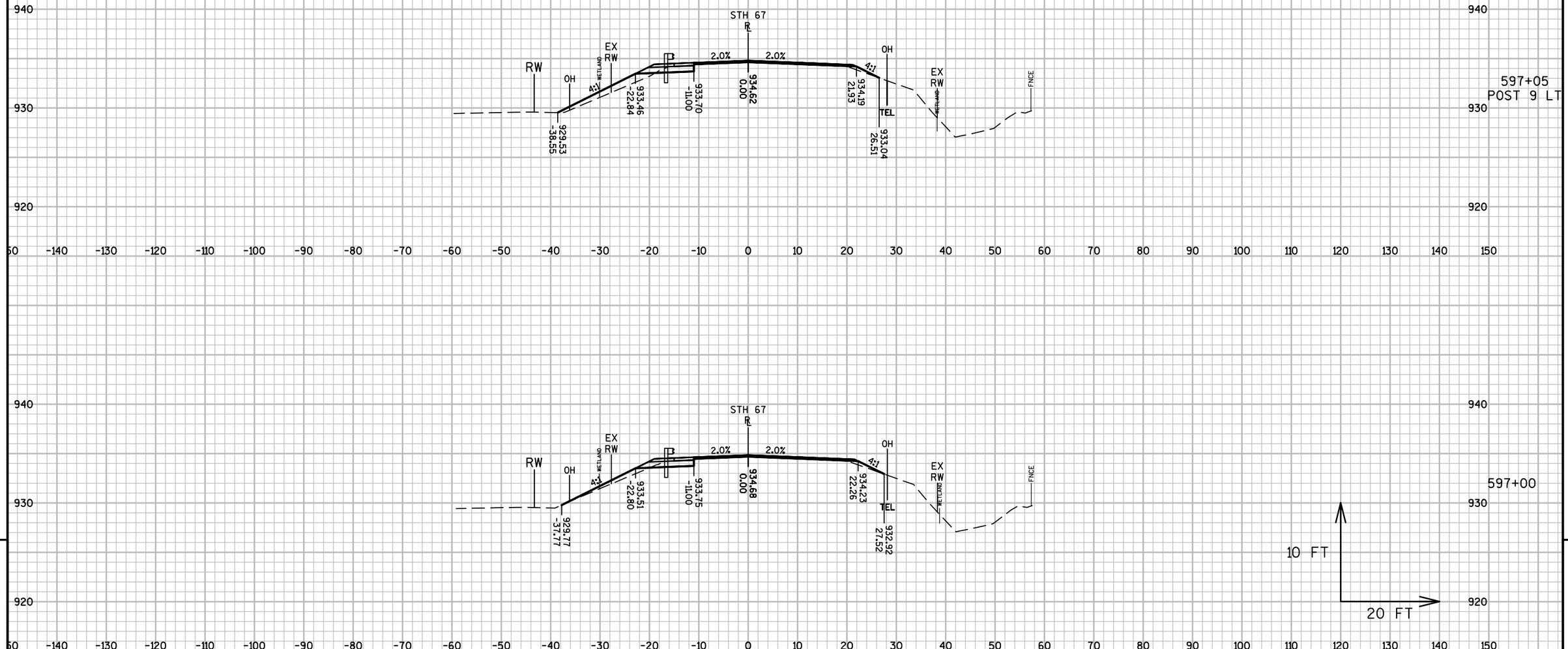
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 255	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 16

PLOT DATE : 9/23/2020 12:06 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49



9

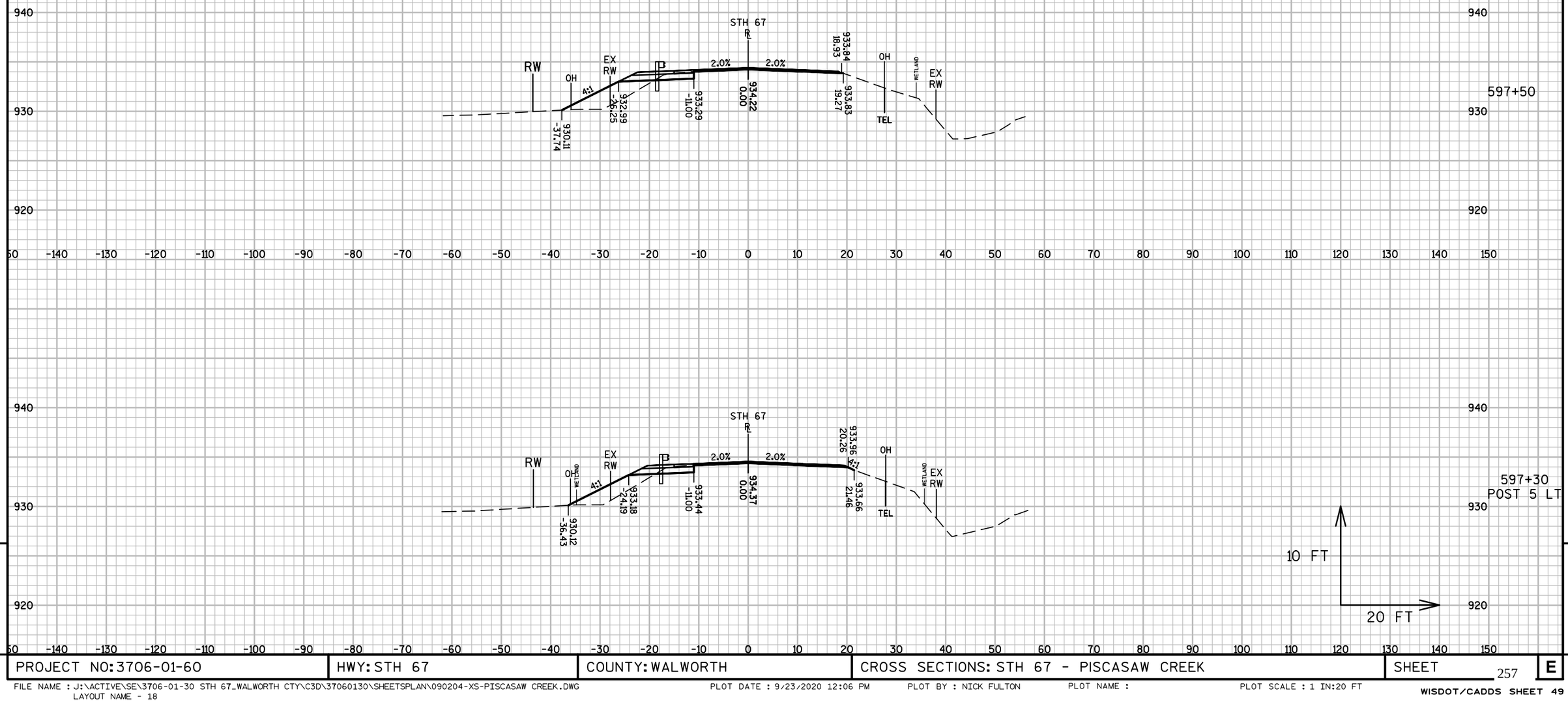
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 256	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 17

PLOT DATE : 9/23/2020 12:06 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

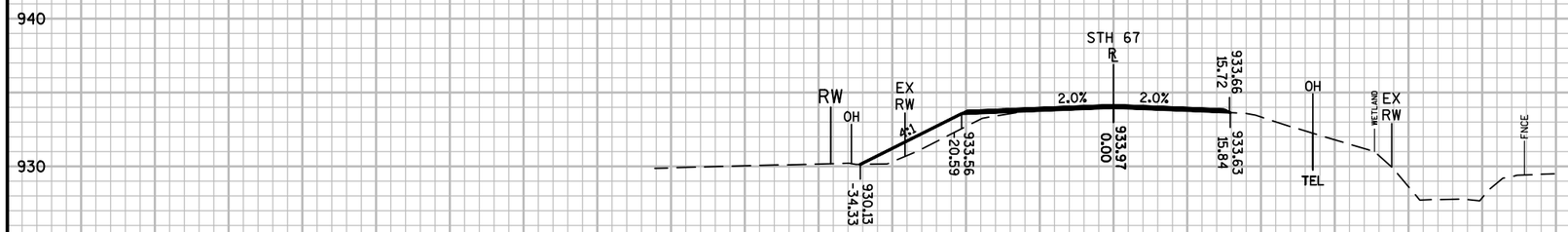


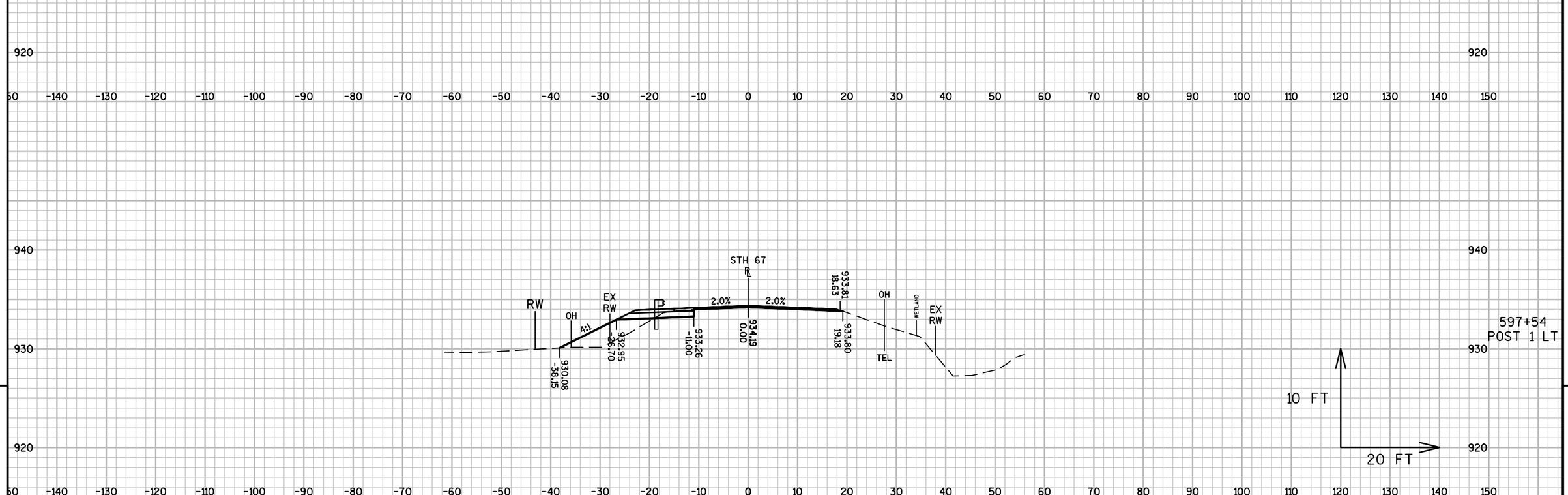
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 257	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 18

PLOT DATE : 9/23/2020 12:06 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49





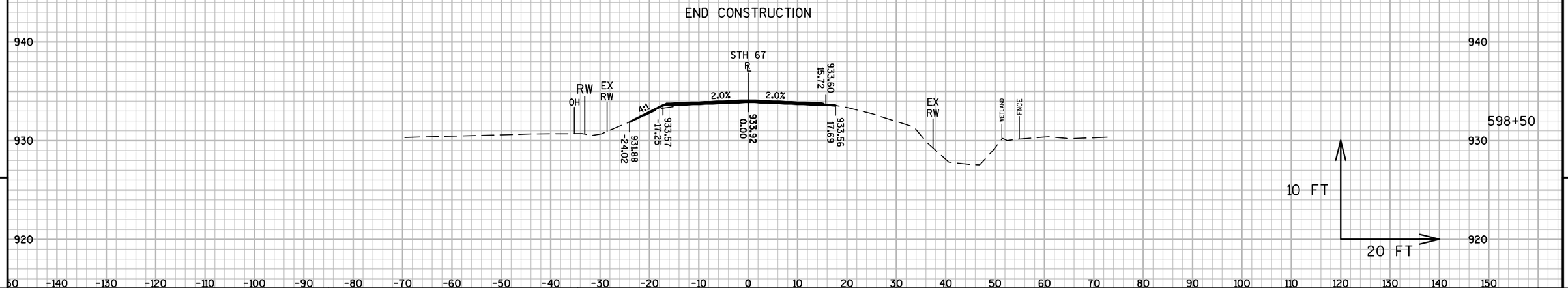
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 258	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 19
PLOT DATE : 9/23/2020 12:06 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 49

END CONSTRUCTION



9

9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - PISCASAW CREEK	SHEET 259	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090204-XS-PISCASAW CREEK.DWG
LAYOUT NAME - 20

PLOT DATE : 9/23/2020 12:06 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 49

9

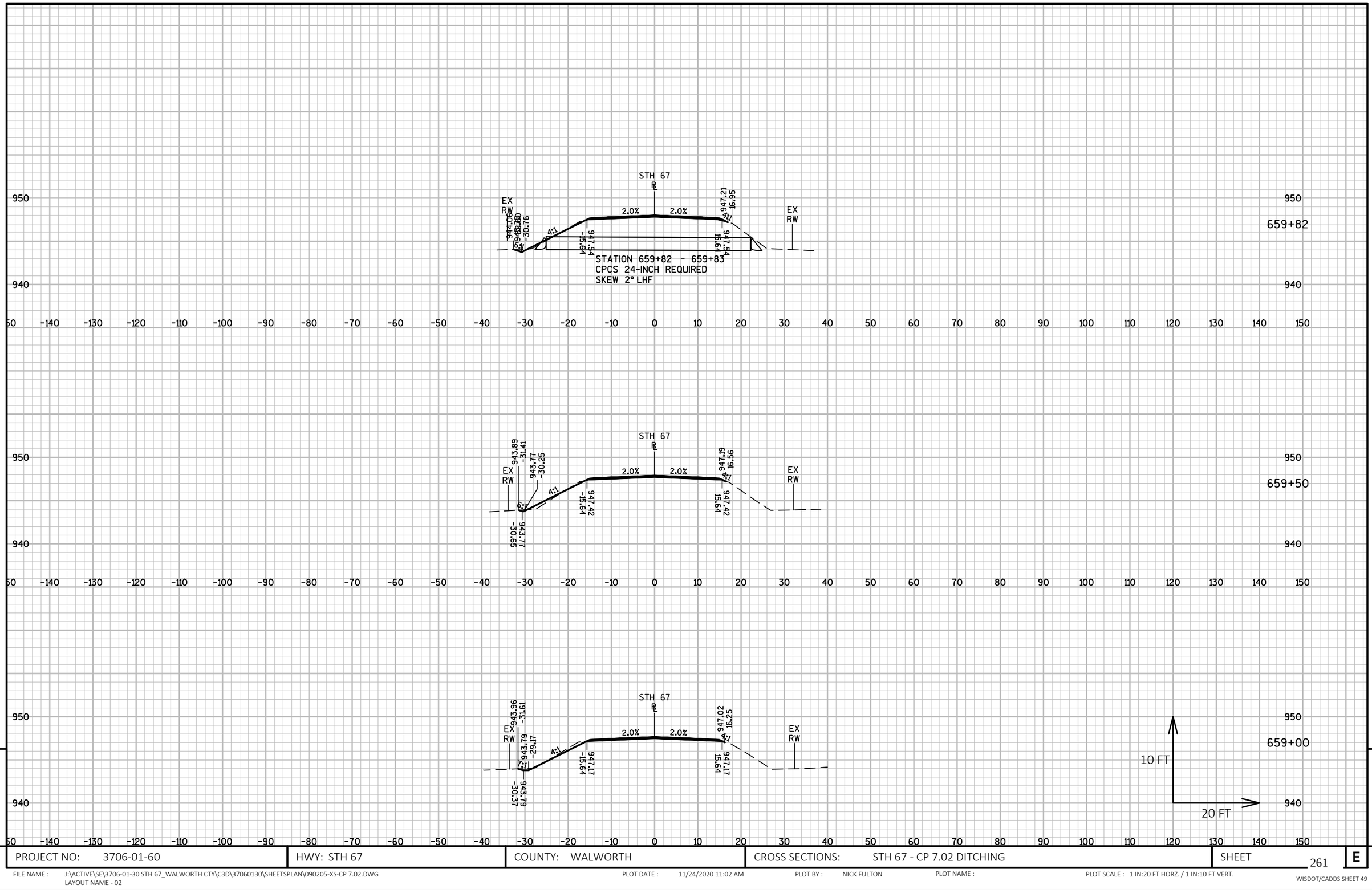
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 7.02 DITCHING	SHEET 260 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090205-XS-CP 7.02.DWG
LAYOUT NAME - 01

PLOT DATE : 11/24/2020 11:01 AM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

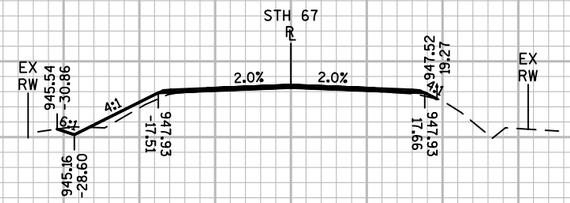
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 7.02 DITCHING	SHEET 261	E

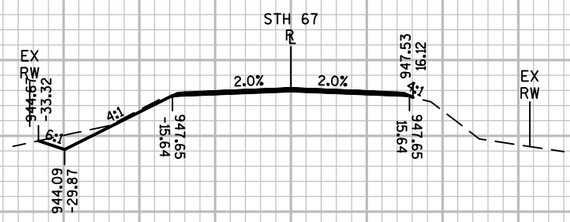
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090205-XS-CP 7.02.DWG
LAYOUT NAME - 02

PLOT DATE : 11/24/2020 11:02 AM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

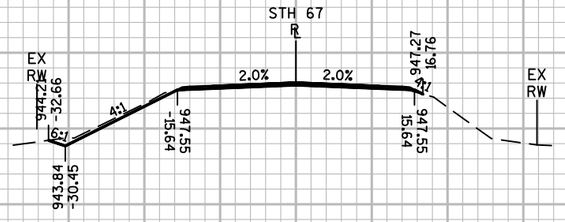
WISDOT/CADDS SHEET 49



660+90



660+50



660+00

10 FT

20 FT

9

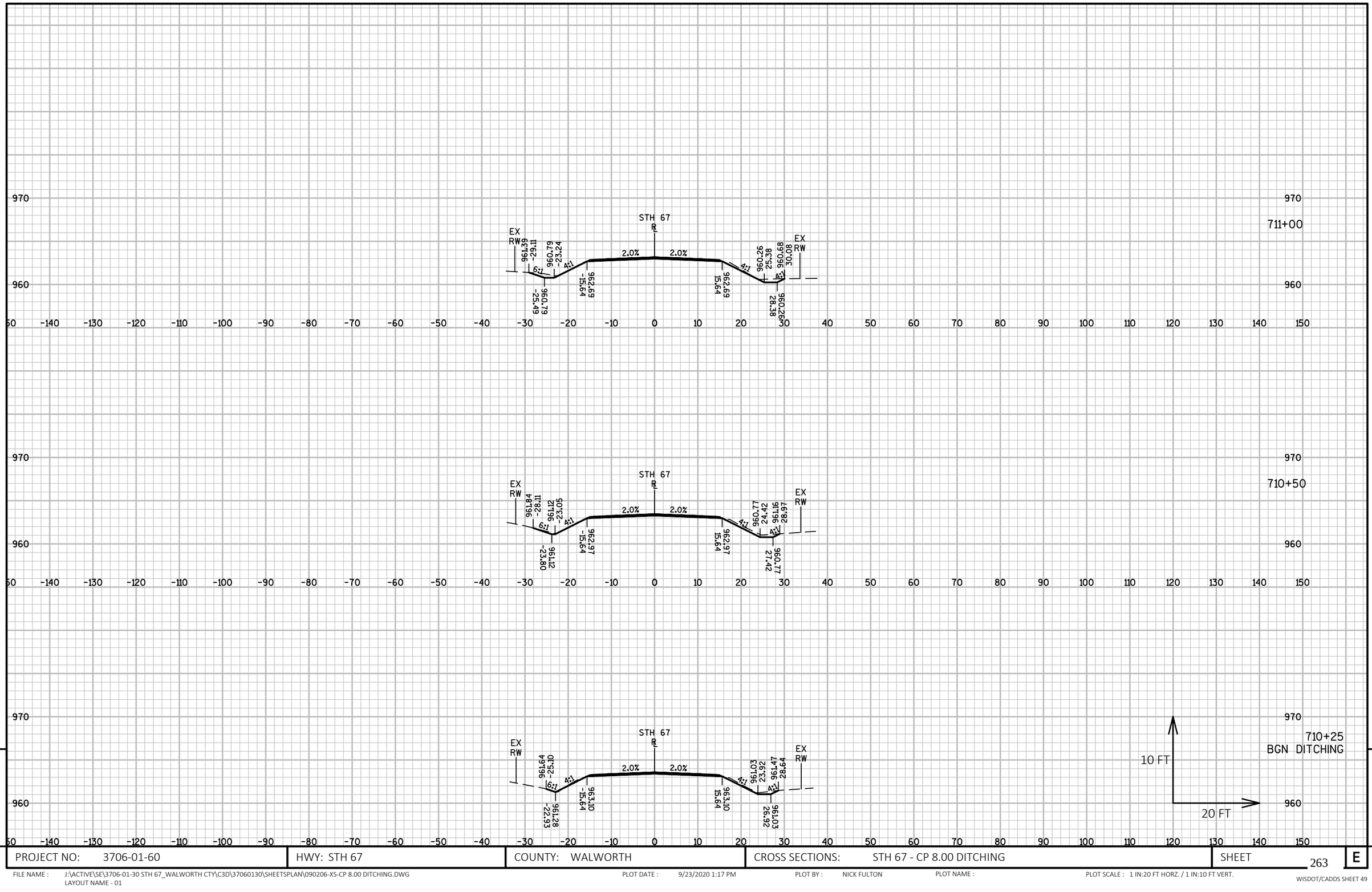
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 7.02 DITCHING	SHEET 262	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090205-XS-CP 7.02.DWG
LAYOUT NAME - 03

PLOT DATE : 11/24/2020 11:03 AM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

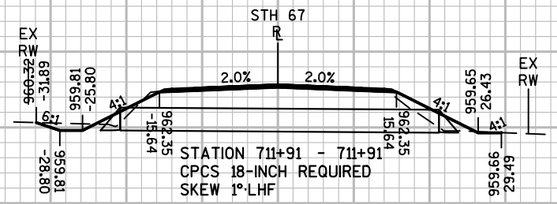
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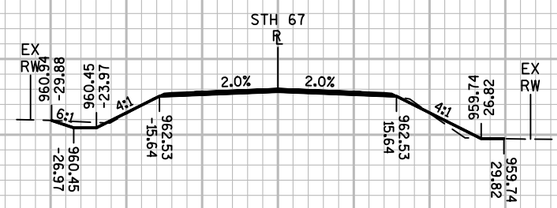
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 8.00 DITCHING	SHEET 263	E

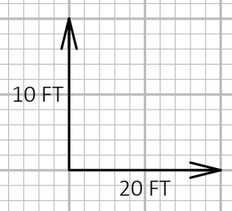
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090206-XS-CP 8.00 DITCHING.DWG
LAYOUT NAME - 01

PLOT DATE : 9/23/2020 1:17 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





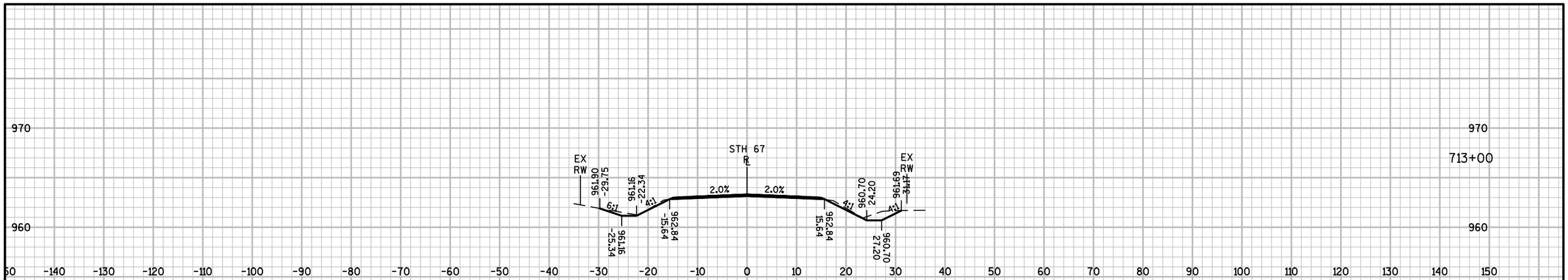


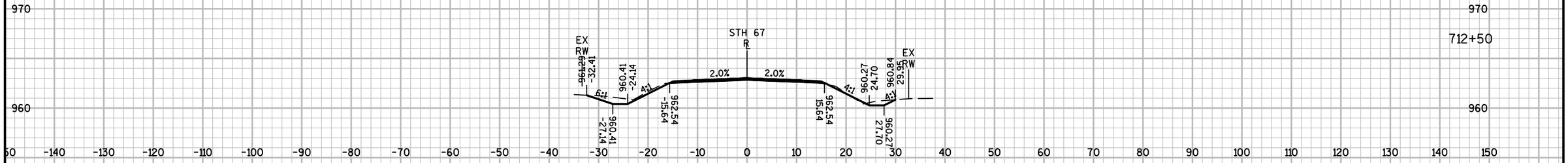
PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 8.00 DITCHING	SHEET 264	E

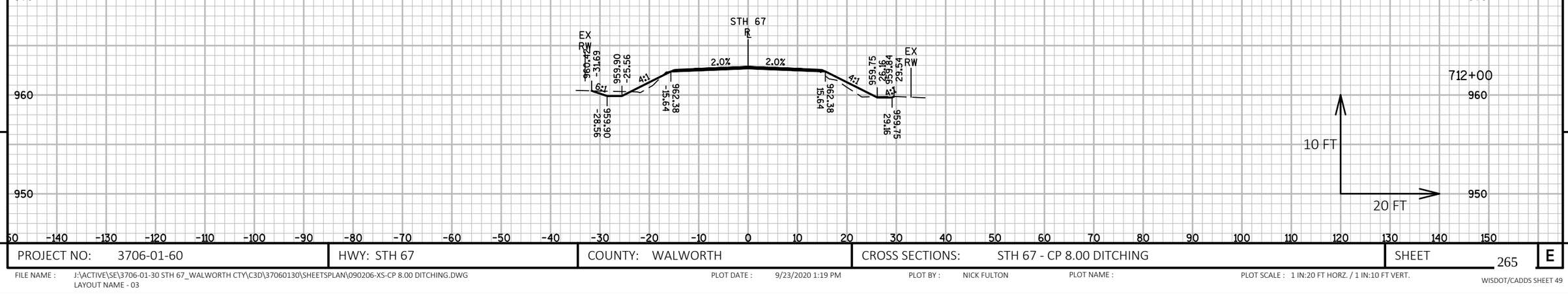
FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090206-XS-CP 8.00 DITCHING.DWG
LAYOUT NAME - 02

PLOT DATE : 9/23/2020 1:18 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







9

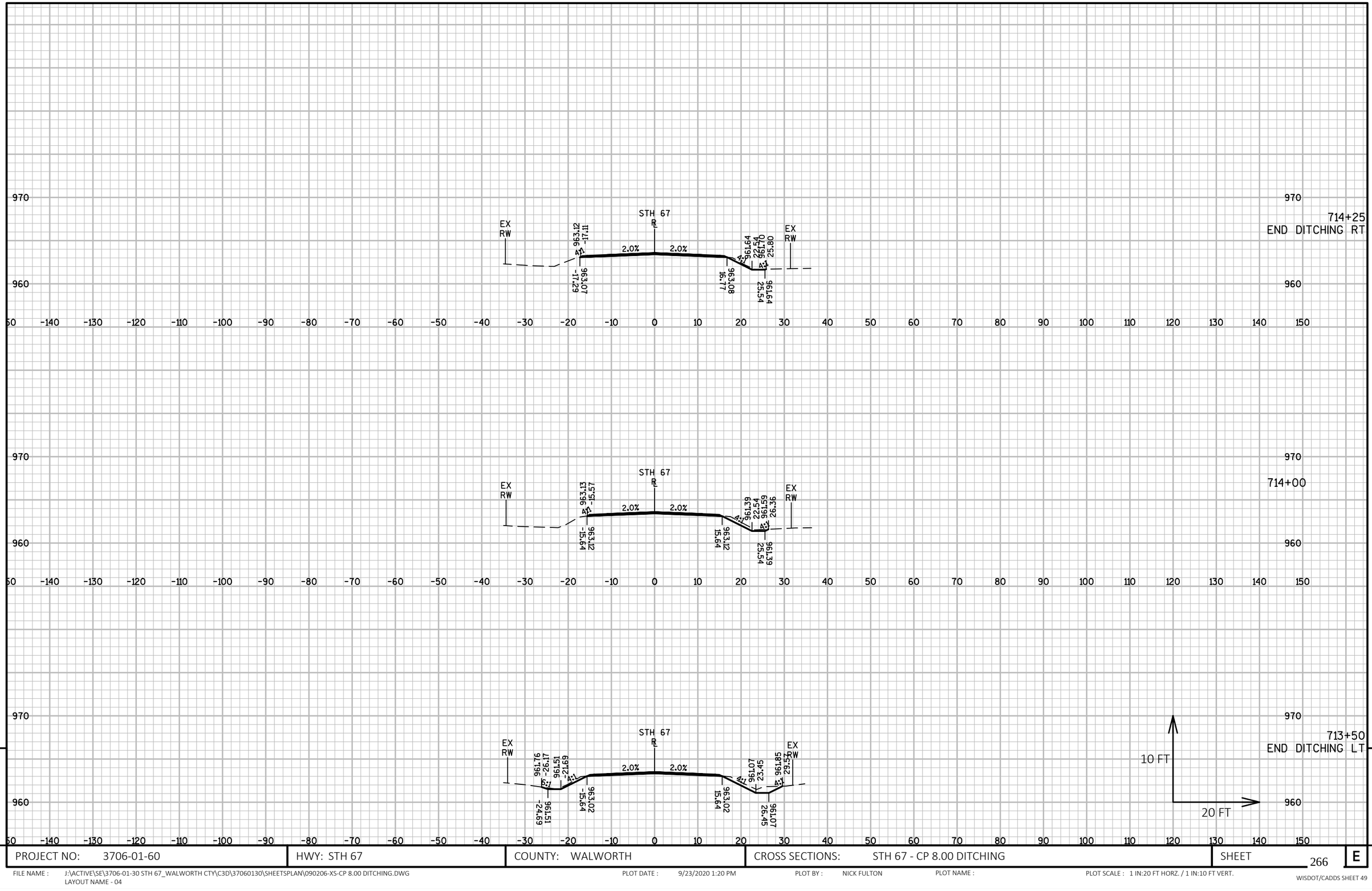
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 8.00 DITCHING	SHEET 265 E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090206-XS-CP 8.00 DITCHING.DWG
LAYOUT NAME - 03

PLOT DATE : 9/23/2020 1:19 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

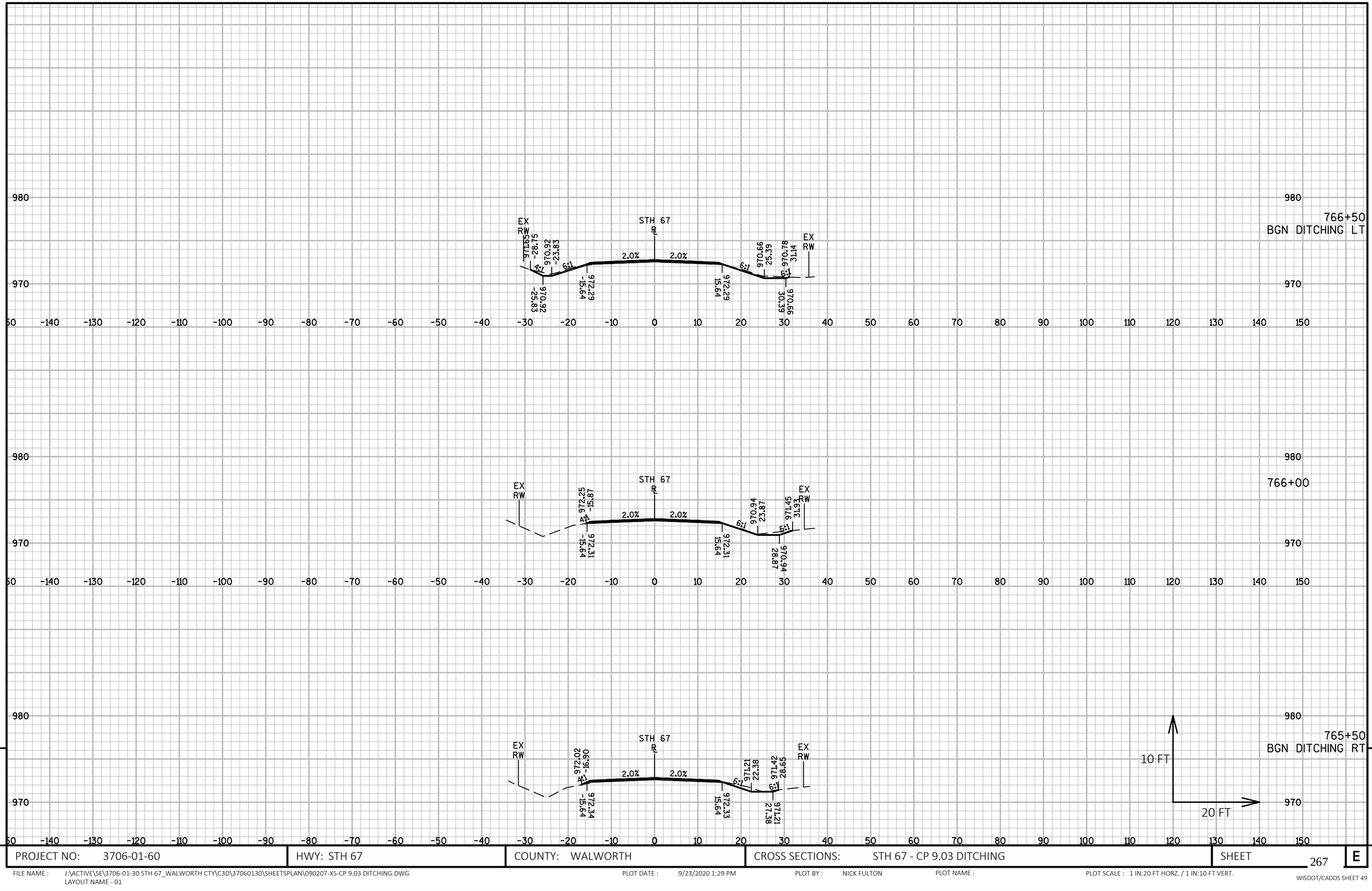
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 8.00 DITCHING	SHEET 266	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090206-XS-CP 8.00 DITCHING.DWG
LAYOUT NAME - 04

PLOT DATE : 9/23/2020 1:20 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

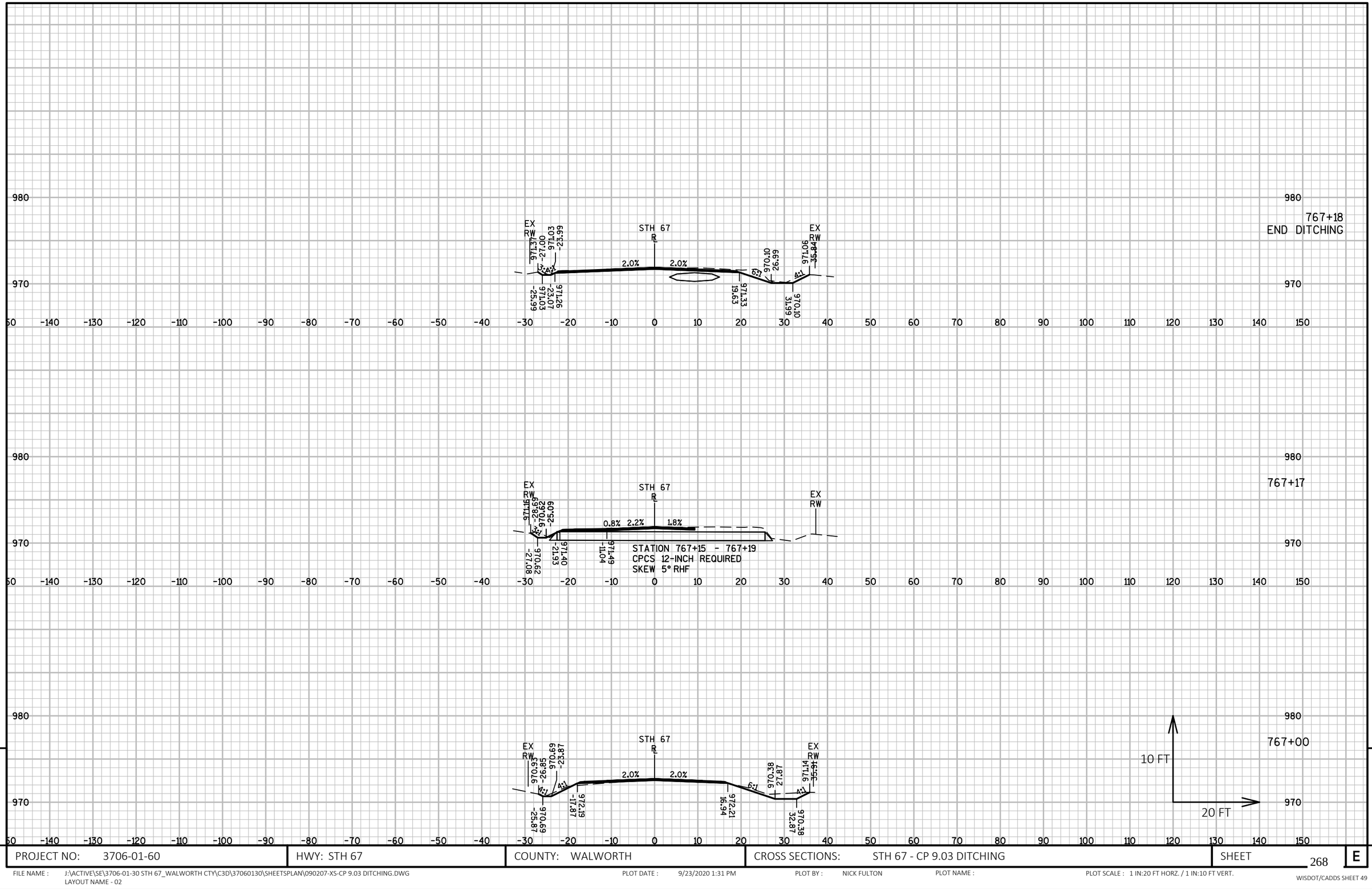
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PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 9.03 DITCHING	SHEET 267	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090207-XS-CP 9.03 DITCHING.DWG
LAYOUT NAME - 01

PLOT DATE : 9/23/2020 1:29 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 3706-01-60	HWY: STH 67	COUNTY: WALWORTH	CROSS SECTIONS: STH 67 - CP 9.03 DITCHING	SHEET 268	E

FILE NAME : J:\ACTIVE\SE\3706-01-30 STH 67_WALWORTH CTY\C3D\37060130\SHEETSPLAN\090207-XS-CP 9.03 DITCHING.DWG
LAYOUT NAME - 02

PLOT DATE : 9/23/2020 1:31 PM PLOT BY : NICK FULTON PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov