

## 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
<del>Section No. 4</del>	<del>Right of Way Plat</del>
Section No. 5	Plan and Profile (Includes Erosion Control)
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
<del>Section No. 8</del>	<del>Structure Plans</del>
<del>Section No. 9</del>	<del>Computer Earthwork Data</del>
<del>Section No. 9</del>	<del>Cross Sections</del>

TOTAL SHEETS = 64

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

## PLAN OF PROPOSED IMPROVEMENT

## MAIN STREET, VILLAGE OF WINNECONNE

9TH STREET - 13TH AVENUE

STH 116

WINNEBAGO COUNTY

STATE PROJECT NUMBER

6190-23-60

STATE PROJECT

6190-23-60

FEDERAL PROJECT

PROJECT

CONTRACT



WINNEBAGO COUNTY

## DESIGN DESIGNATION

A.A.D.T. (2013)	=	9,500
A.A.D.T. (2033)	=	11,000
D.H.V. (K100)	=	10.4
D.D.	=	62/38
T. (DHV)	=	5.5%
DESIGN SPEED	=	30/40 MPH
ESALS	=	N/A

## 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

EXISTING CULVERT

PROPOSED CULVERT  
(Box or Pipe)

COMBUSTIBLE FLUIDS

MARSH AREA

WOODED OR SHRUB AREA

## PROFILE

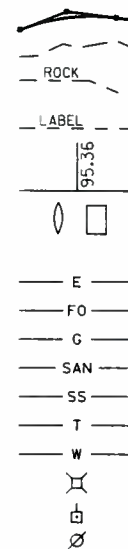
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	

GRADE ELEVATION

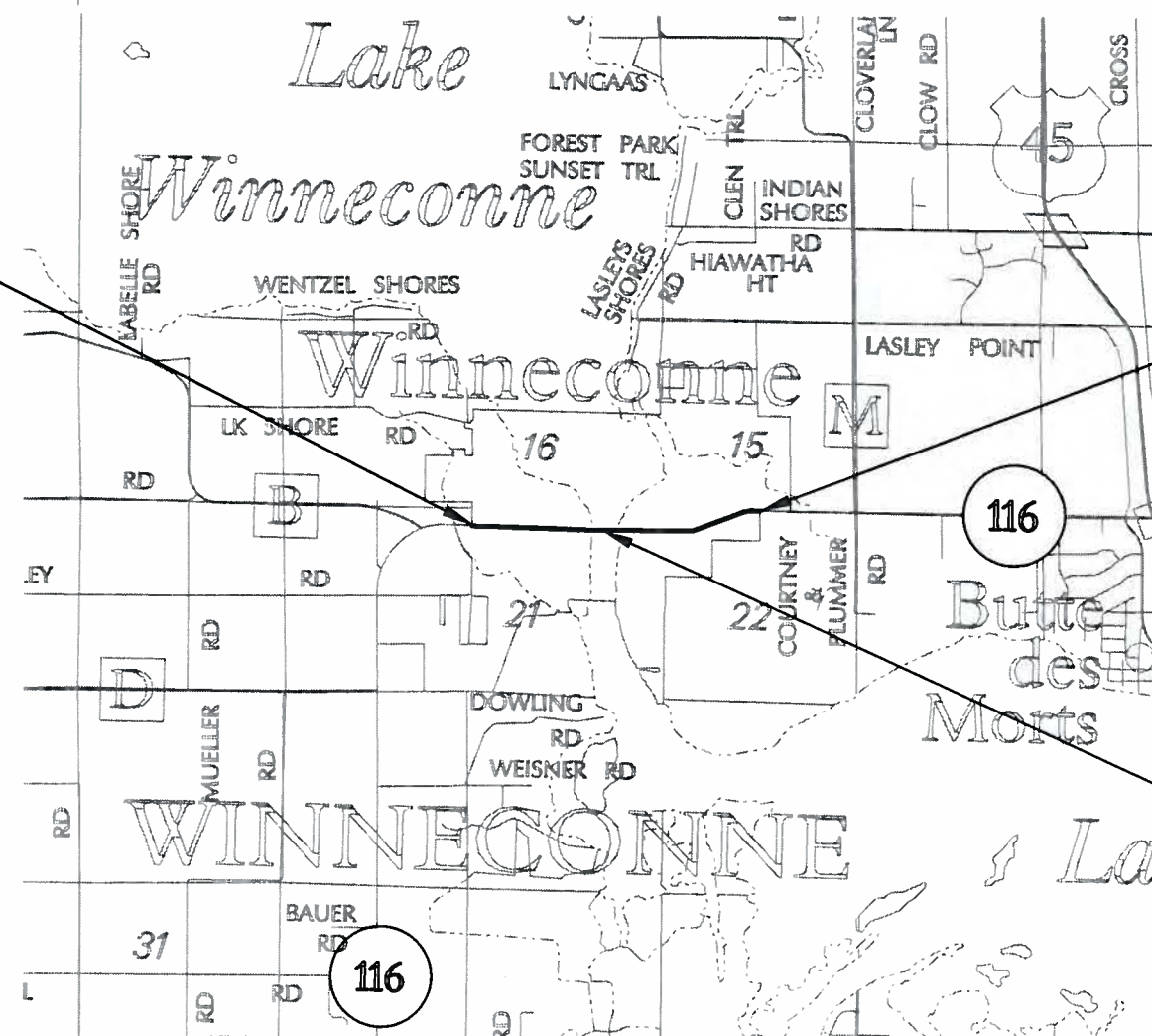
CULVERT (Profile View)

## UTILITIES

ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	



R-14-E R-15-E

END PROJECT 6190-23-60  
STA 92+11EXCEPTION TO NET CL LENGTH  
STA 44+51.01 TO 51+59.51  
STRUCTURE B-70-913

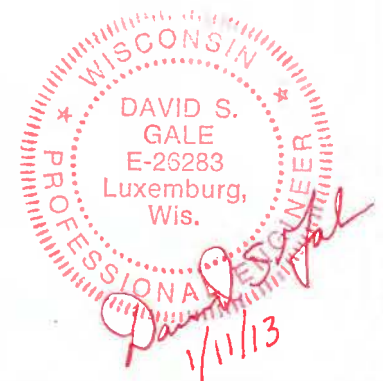
## LAYOUT

SCALE 0 1/2 MI. 1 MI.

TOTAL NET LENGTH OF CENTERLINE 6190-23-60 = 1.383 MI.

COORDINATES ON THIS PLAN ARE REFERENCED TO  
THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS),  
WINNEBAGO COUNTY 1983 (1991 ADJUSTMENT)

ORIGINAL PLANS PREPARED BY

OMNI  
ASSOCIATESSTATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	OMNI ASSOCIATES, INC.
Designer	OMNI ASSOCIATES, INC.
Project Manager	WILLIAM BERTRAND
Regional Examiner	
Regional Supervisor	R. RODYAKKERS
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: 1-11-13 William R. Bertrand  
(Signature)

GENERAL NOTES

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

THE EXACT LOCATIONS OF ALL EROSION CONTROL ITEMS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL COORDINATES ON THIS PLAN ARE REFERENCED TO THE WINNEBAGO COUNTY COORDINATE SYSTEM.

DISTANCES SHOWN ON THIS PLAN ARE GROUND DISTANCES. BEARINGS SHOWN ON THIS PLAN ARE GRID BEARINGS.

DIGGERS



HOTLINE

Call 811 3 Work Days Before You Dig

or Toll Free (800) 242-8511

Hearing Impaired TDD (800) 542-2289

www.DiggersHotline.com

RUNOFF COEFFICIENT TABLE

HYDROLOGIC SOIL GROUP												
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	0.08	0.16	0.22	0.12	0.20	0.27	0.15	0.24	0.33	0.19	0.28	0.38
	0.22	0.30	0.38	0.26	0.34	0.44	0.30	0.37	0.50	0.34	0.41	0.56
MEDIAN STRIP -	0.19	0.20	0.24	0.19	0.22	0.26	0.20	0.23	0.30	0.20	0.25	0.30
	0.24	0.26	0.30	0.25	0.28	0.33	0.26	0.30	0.37	0.27	0.32	0.40
SIDE SLOPE -			0.25			0.27			0.28			0.30
			0.32			0.34			0.36			0.38
PAVEMENT:												
ASPHALT				.70 - .95								
CONCRETE				.80 - .95								
BRICK				.70 - .80								
DRIVES, WALKS				.75 - .85								
ROOFS				.75 - .95								
GRAVEL ROADS, SHOULDERS				.40 - .60								

TOTAL PROJECT AREA = 14.7 ACRES  
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 4.1 ACRES

UTILITIES

ELECTRIC

WISCONSIN POWER AND LIGHT COMPANY  
880 N. WISCONSIN ST  
BERLIN, WI 54923  
MARK VILLARS  
(920) 361-5652  
CELL PH (920) 279-0827  
[markvillars@alliantenergy.com](mailto:markvillars@alliantenergy.com)

WISCONSIN POWER AND LIGHT COMPANY  
SUITE 1000  
4902 N. BILTMORE LANE  
MADISON, WI 53718  
JASON HOGAN  
(608) 395-7395  
[jasonhogan@alliantenergy.com](mailto:jasonhogan@alliantenergy.com)

ATC MANAGEMENT, INC.  
801 O'KEEFE RD  
P.O. BOX 6113  
DE PERE, WI 54115-6113  
MIKE OLSEN  
(920) 660-2390  
[molsen@atc11c.com](mailto:molsen@atc11c.com)

GAS/PETROLEUM

WISCONSIN POWER AND LIGHT COMPANY  
800 N. WISCONSIN ST  
BERLIN, WI 54923  
MARK VILLARS  
(920) 361-5652  
CELL PH (920) 279-0827  
[markvillars@alliantenergy.com](mailto:markvillars@alliantenergy.com)

WISCONSIN POWER AND LIGHT COMPANY  
SUITE 1000  
4902 N. BILTMORE LANE  
MADISON, WI 53718  
JASON HOGAN  
(608) 395-7395  
[jasonhogan@alliantenergy.com](mailto:jasonhogan@alliantenergy.com)

UTILITIES CONT.

COMMUNICATIONS

CHARTER COMMUNICATIONS  
165 KNIGHTS WAY  
FOND DU LAC, WI 54935  
(920) 907-7720, EXT. 1610  
BRUCE HENRY  
[bruce.henry@chartercom.com](mailto:bruce.henry@chartercom.com)

AT&T WISCONSIN  
70 E DIVISION ST  
FOND DU LAC, WI 54935  
CHARLES BARTELT  
(920) 929-1013  
[cb1461@att.com](mailto:cb1461@att.com)

STREET LIGHTING

VILLAGE OF WINNECONNE  
30 SOUTH FIRST STREET  
P.O. BOX 488  
WINNECONNE, WI 54986-0488  
CHRIS HARDY  
(920) 582-4381  
[publicworks@winneconnewi.gov](mailto:publicworks@winneconnewi.gov)

WATER

VILLAGE OF WINNECONNE  
30 SOUTH FIRST STREET  
P.O. BOX 488  
WINNECONNE, WI 54986-0488  
CHRIS HARDY  
(920) 582-4381  
[publicworks@winneconnewi.gov](mailto:publicworks@winneconnewi.gov)

SANITARY

VILLAGE OF WINNECONNE  
30 SOUTH FIRST STREET  
P.O. BOX 488  
WINNECONNE, WI 54986-0488  
CHRIS HARDY  
(920) 582-4381  
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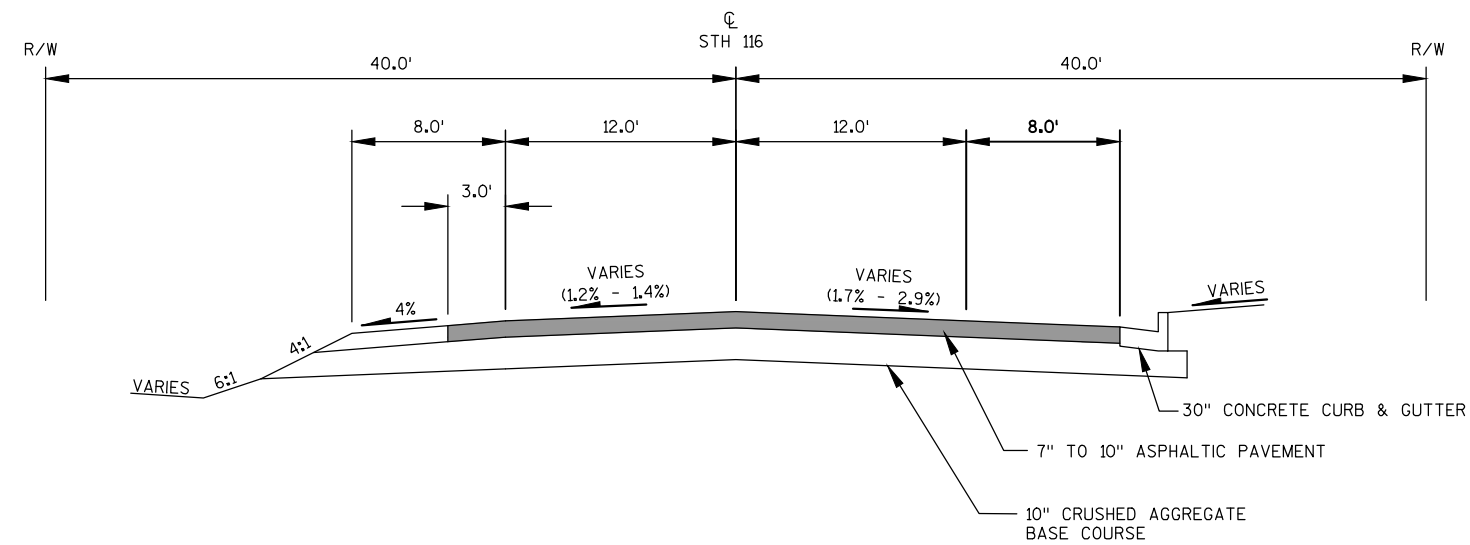
OTHER CONTACTS

HIGHWAY COMMISSIONER

WINNEBAGO COUNTY HIGHWAY DEPARTMENT  
P.O. BOX 2764  
OSHKOSH, WI 54903-2764  
ATTN: ERNIE WINTERS  
TELEPHONE:  
EMAIL: [EWINTERS@CO.WINNEBAGO.WI.US](mailto:EWINTERS@CO.WINNEBAGO.WI.US)

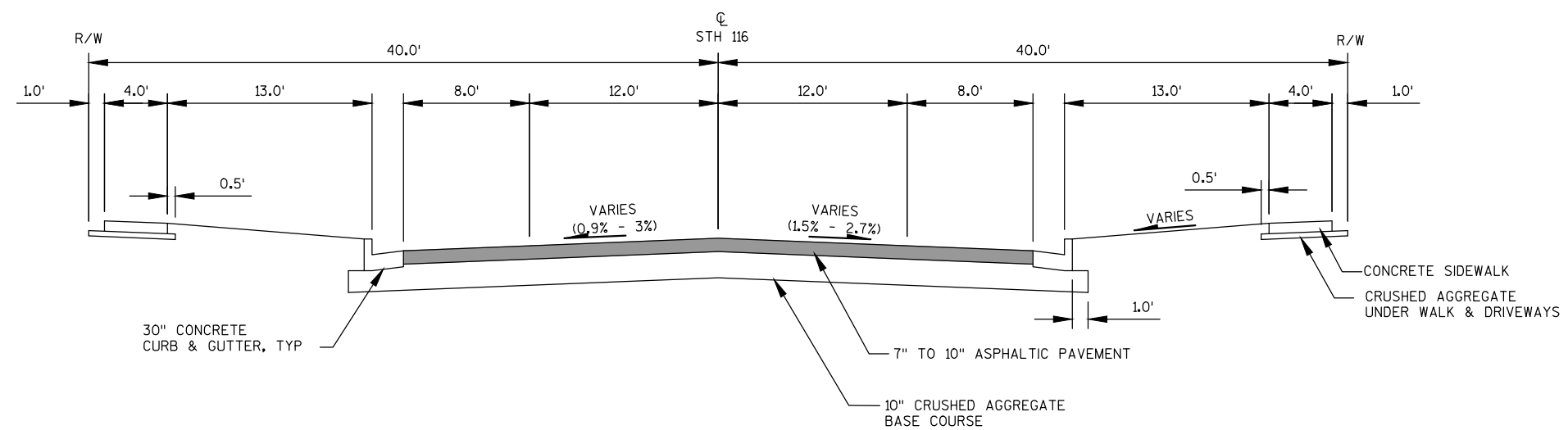
DNR LIASON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES  
427 EAST TOWER DRIVE  
SUITE 100  
ATTN: BOBBI JO FISCHER  
WAUTOMA, WI 54982  
TELEPHONE: 920-787-4686  
EMAIL: [BOBBI.FISHER@wi.gov](mailto:BOBBI.FISHER@wi.gov)



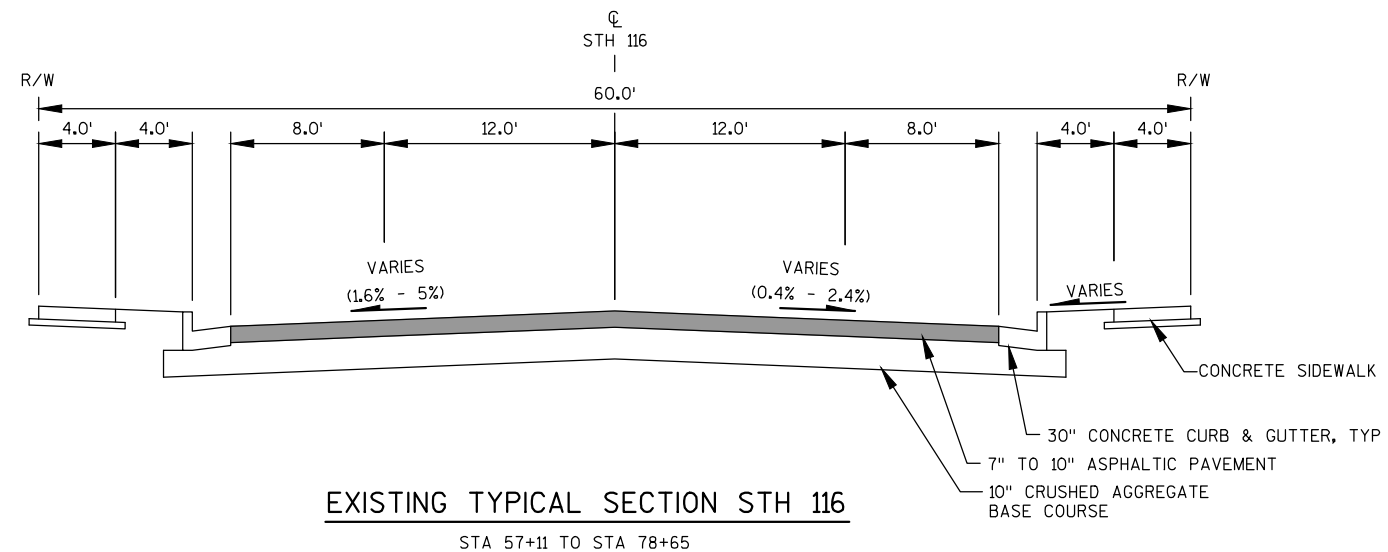
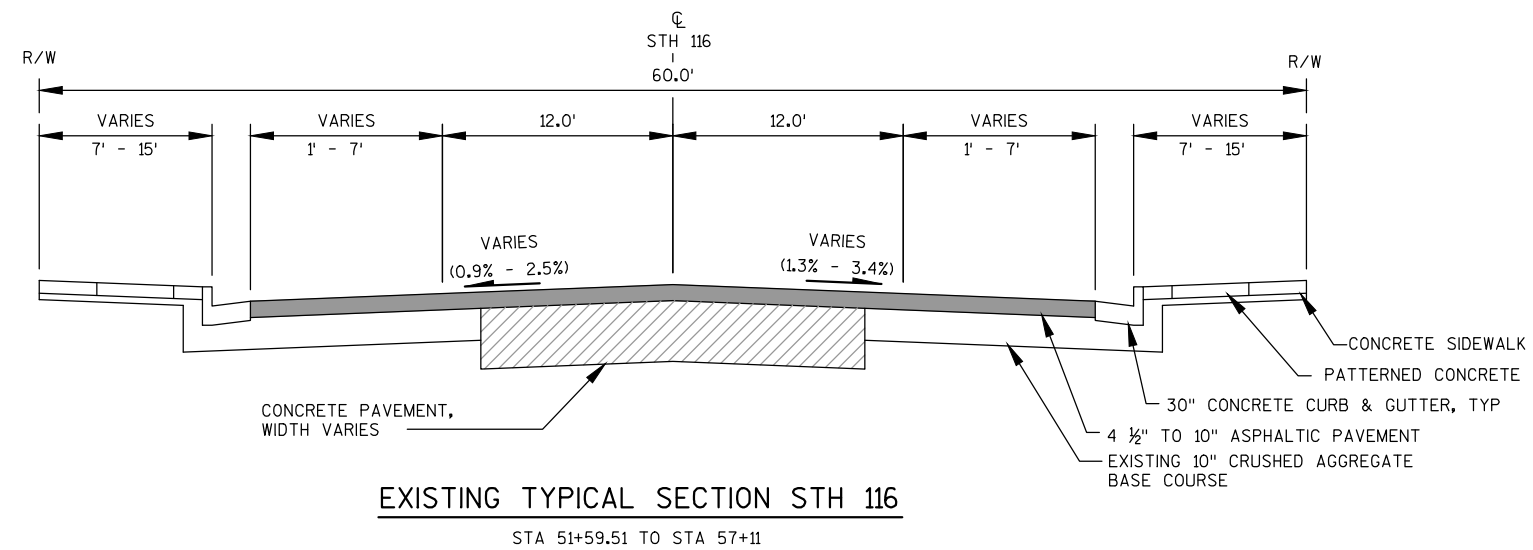
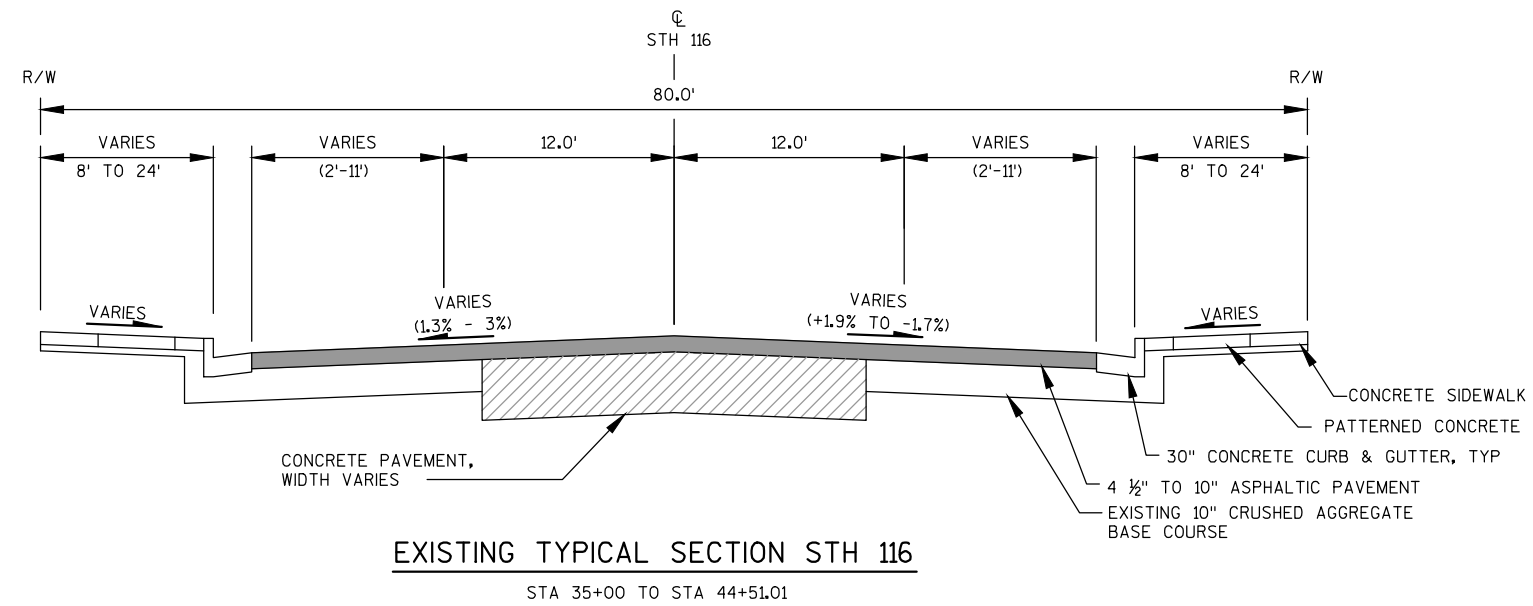
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STA 12+01.03 TO STA 19+00

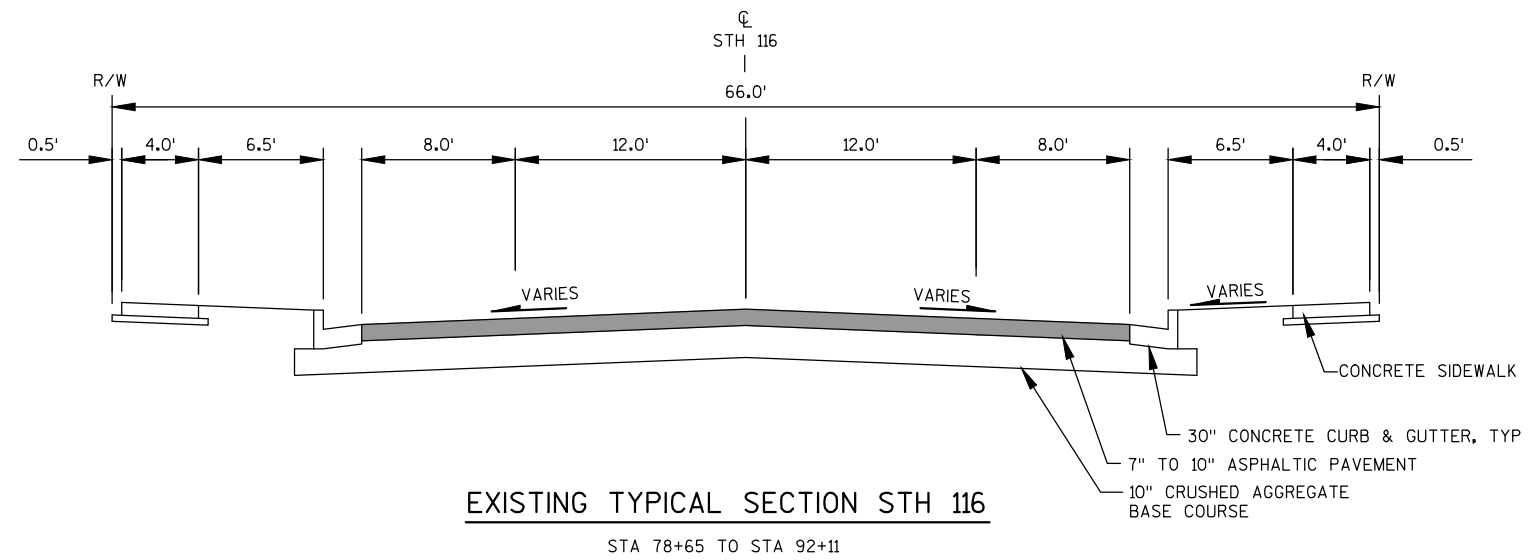


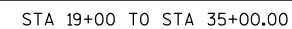
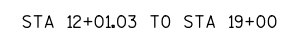
### EXISTING TYPICAL SECTION STH 116

STA 19+00 TO STA 35+00.00

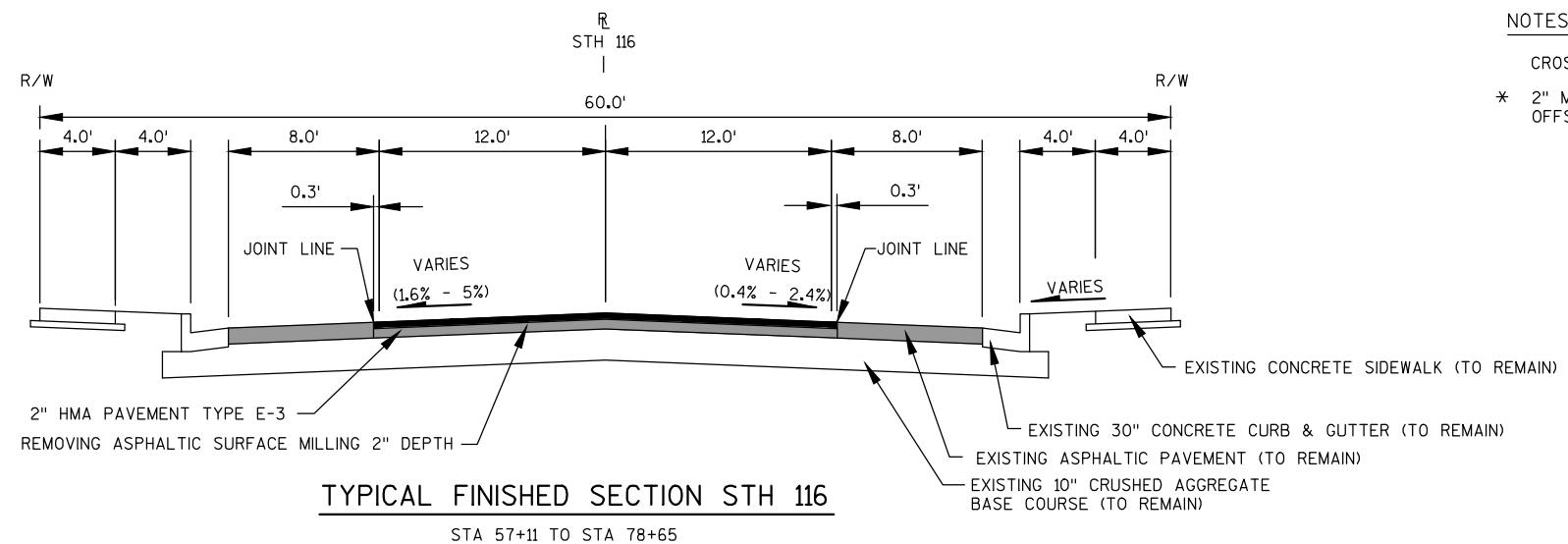
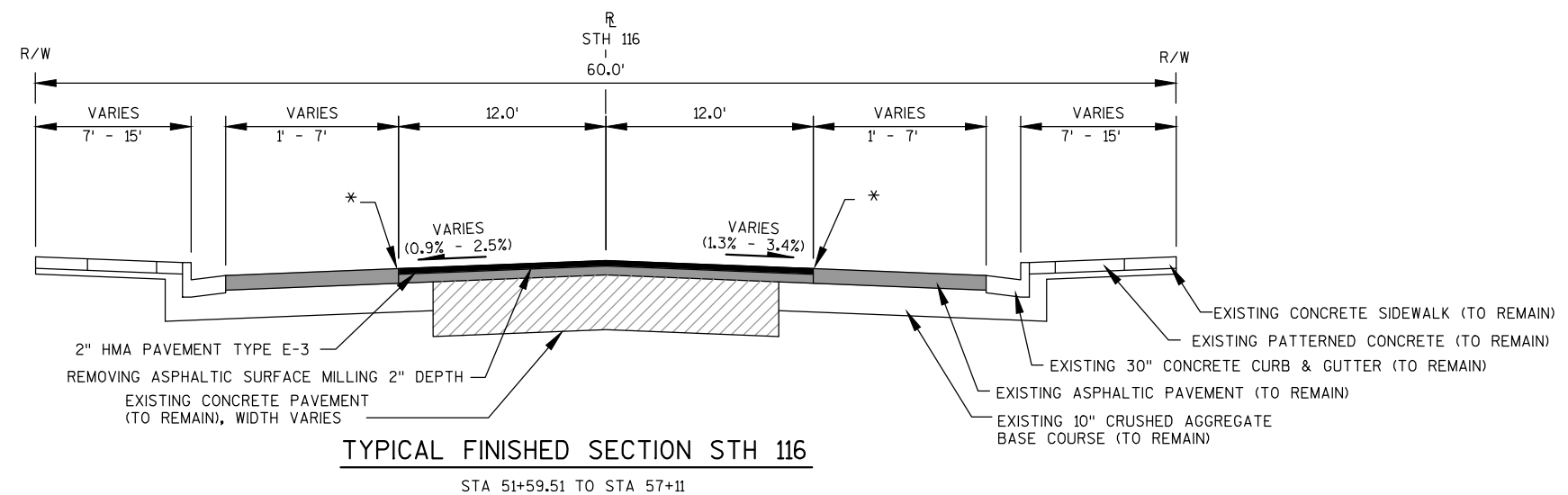
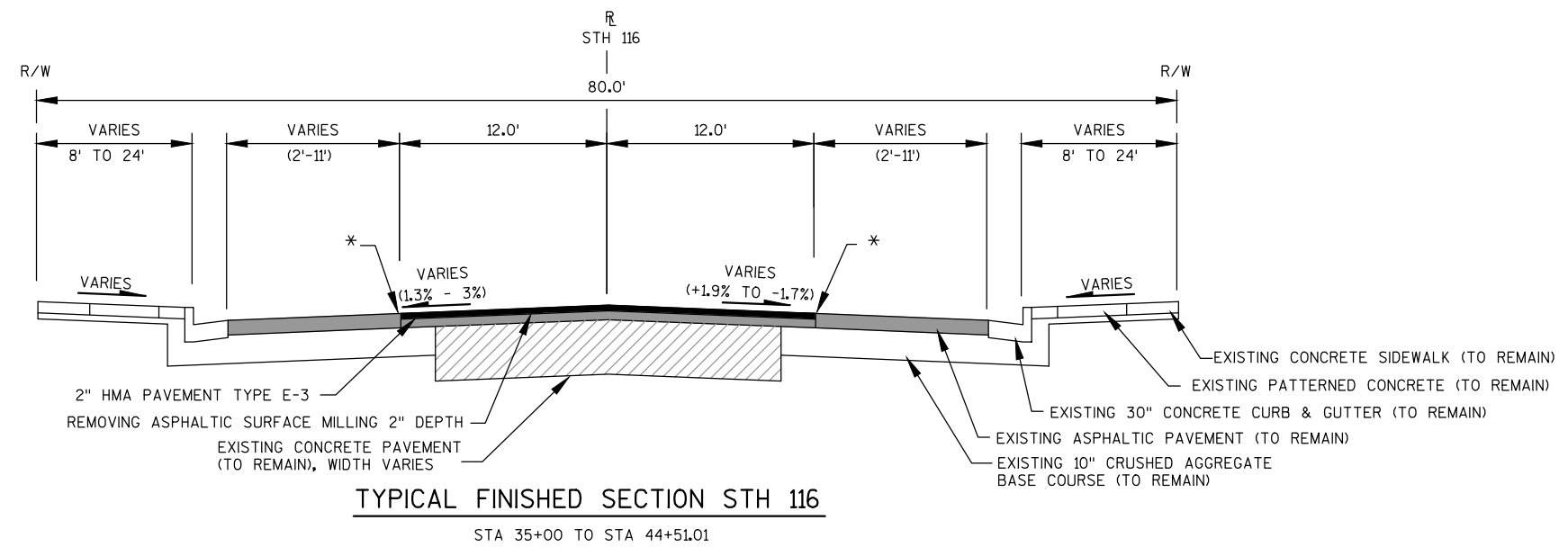






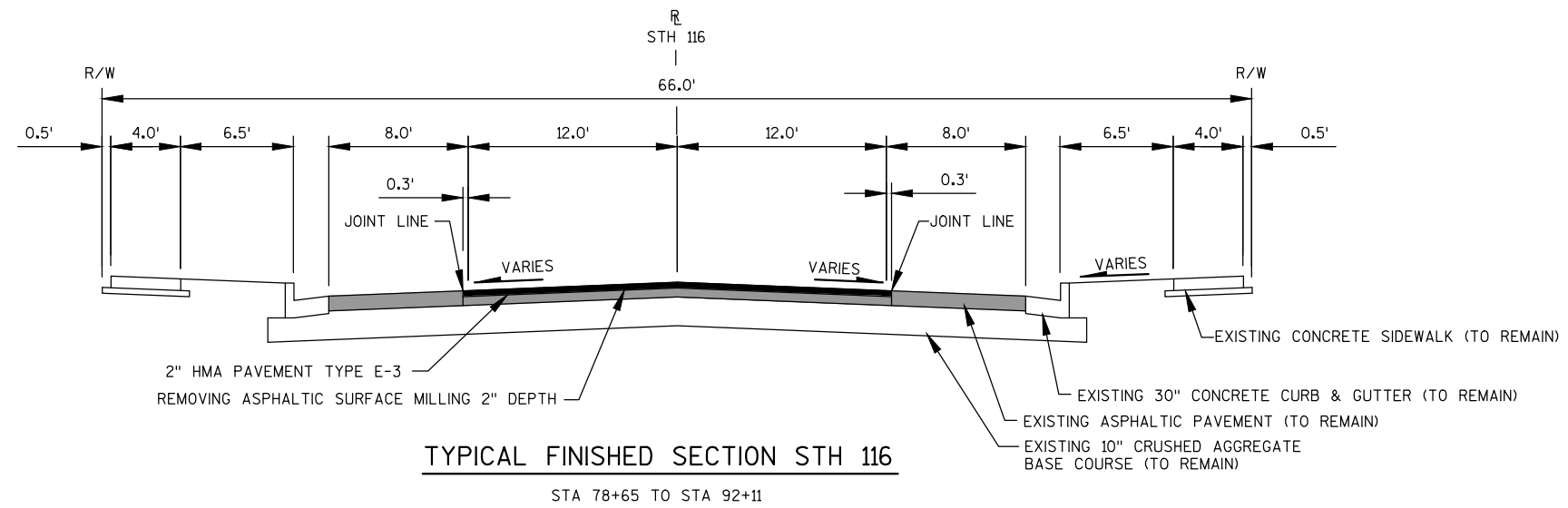


2" MILLING AND OVERLAY TO MATCH AT JOINT  
LINES AS SHOWN.



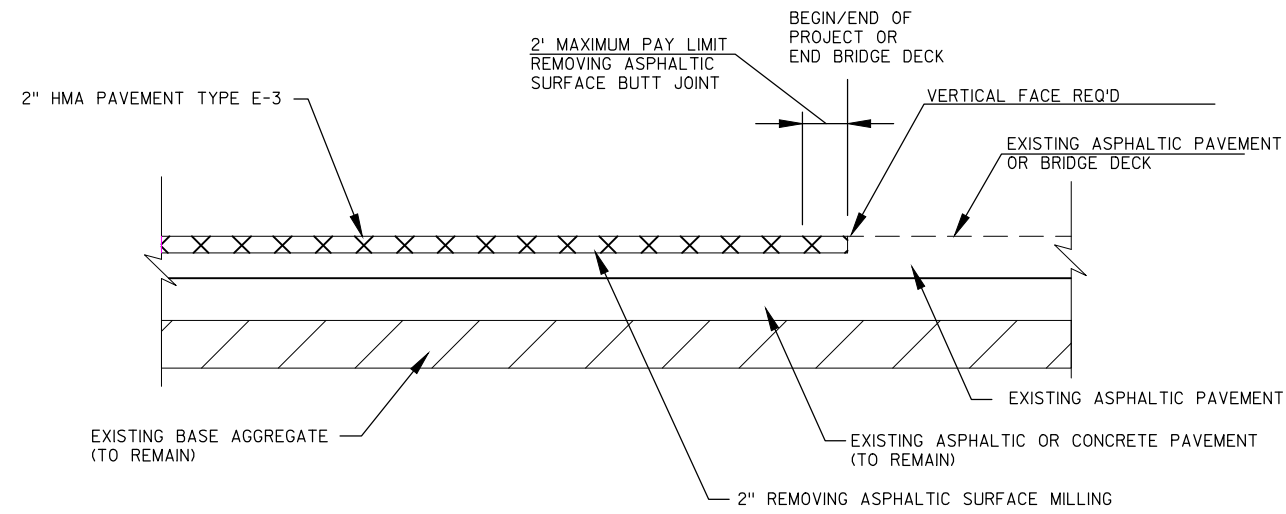
## NOTES

- CROSS SLOPES TO MATCH EXISTING CROSS SLOPES.  
\* 2" MILLING AND OVERLAY TO MATCH AT 12.3' OFFSET POINT.



#### NOTES

CROSS SLOPES TO MATCH EXISTING CROSS SLOPES.  
2" MILLING AND OVERLAY TO MATCH AT JOINT LINES AS SHOWN.



### BUTT JOINT DETAIL

STA 12+01.3  
STA 44+51.01  
STA 51+59.51  
STA 92+11





## SIGNING NOTES

THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC UNIT, 920-492-5653, A MINIMUM OF TWO WEEKS PRIOR TO THE NEED FOR SIGN PLACEMENT TO ALLOW FOR STAKING OF ANY PERMANENT SIGNING REQUIRED ON THE PROJECT.

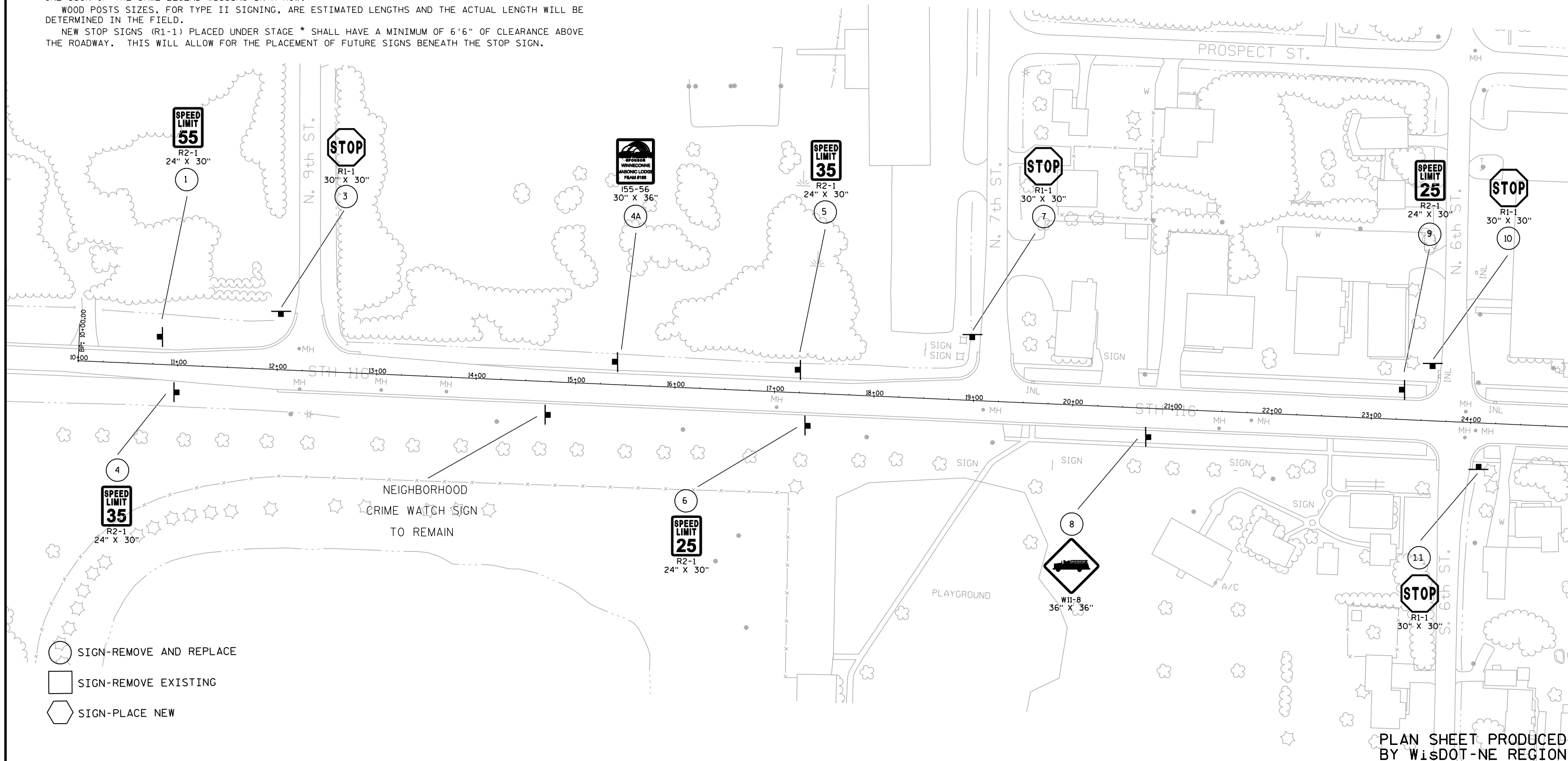
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WHEN AN EXISTING STOP SIGN AND SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING 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 SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE \* SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.

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## SIGNING NOTES

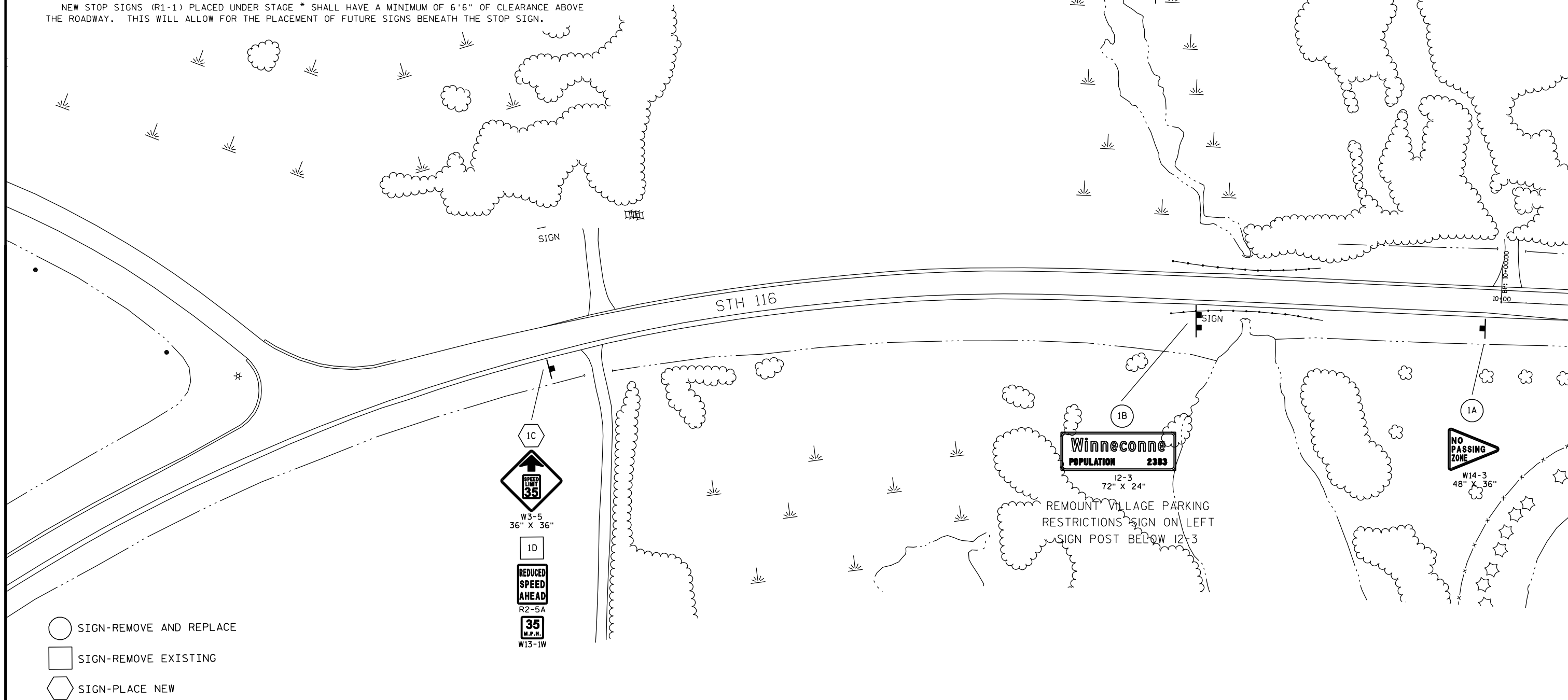
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PLAN SHEET PRODUCED  
BY WISDOT-NE REGION

PROJECT NO: 6190-23-60

HWY: STH 116

COUNTY: WINNEBAGO

PERMANENT SIGNING

SHEET

E

## SIGNING NOTES

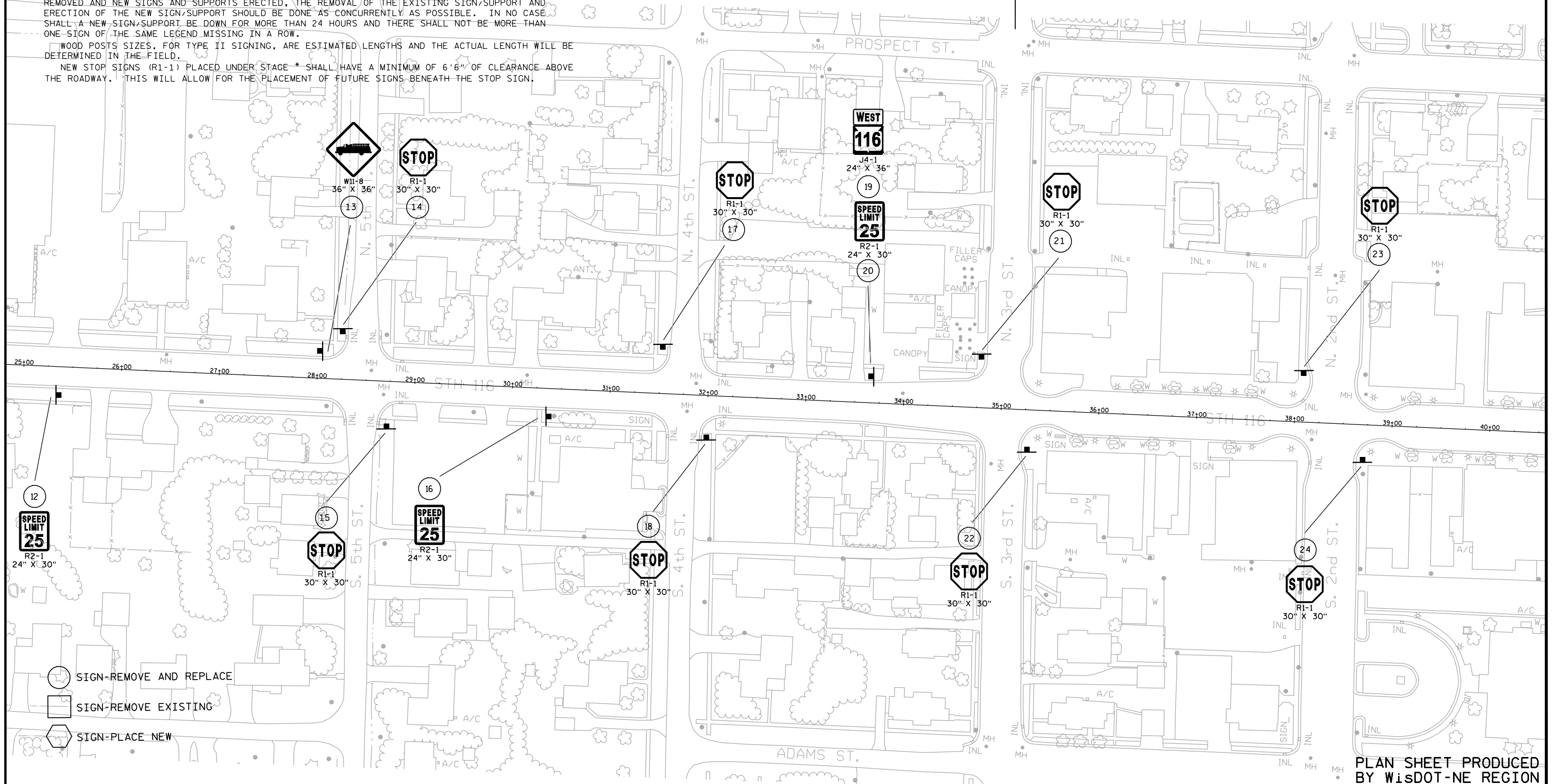
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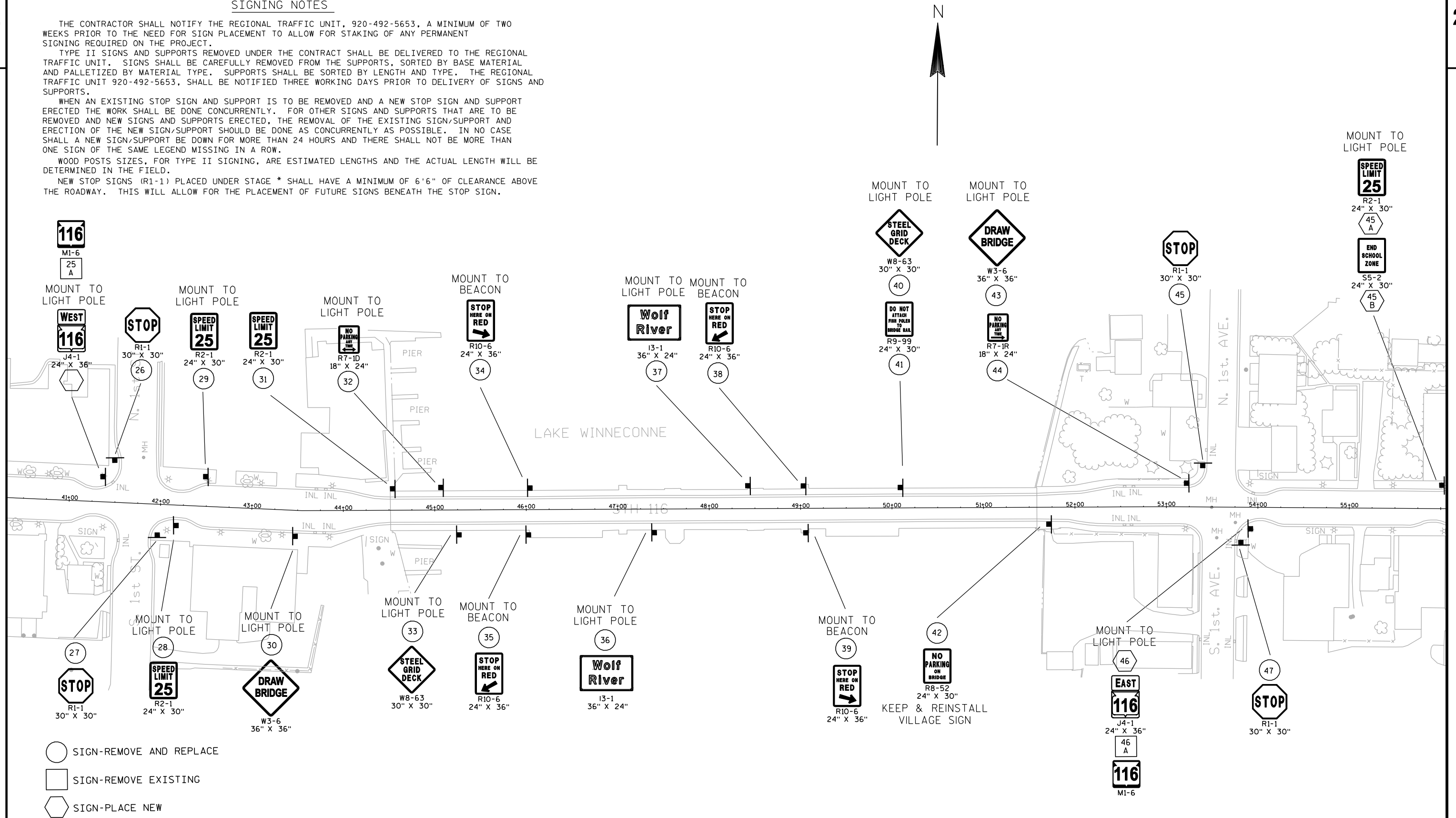
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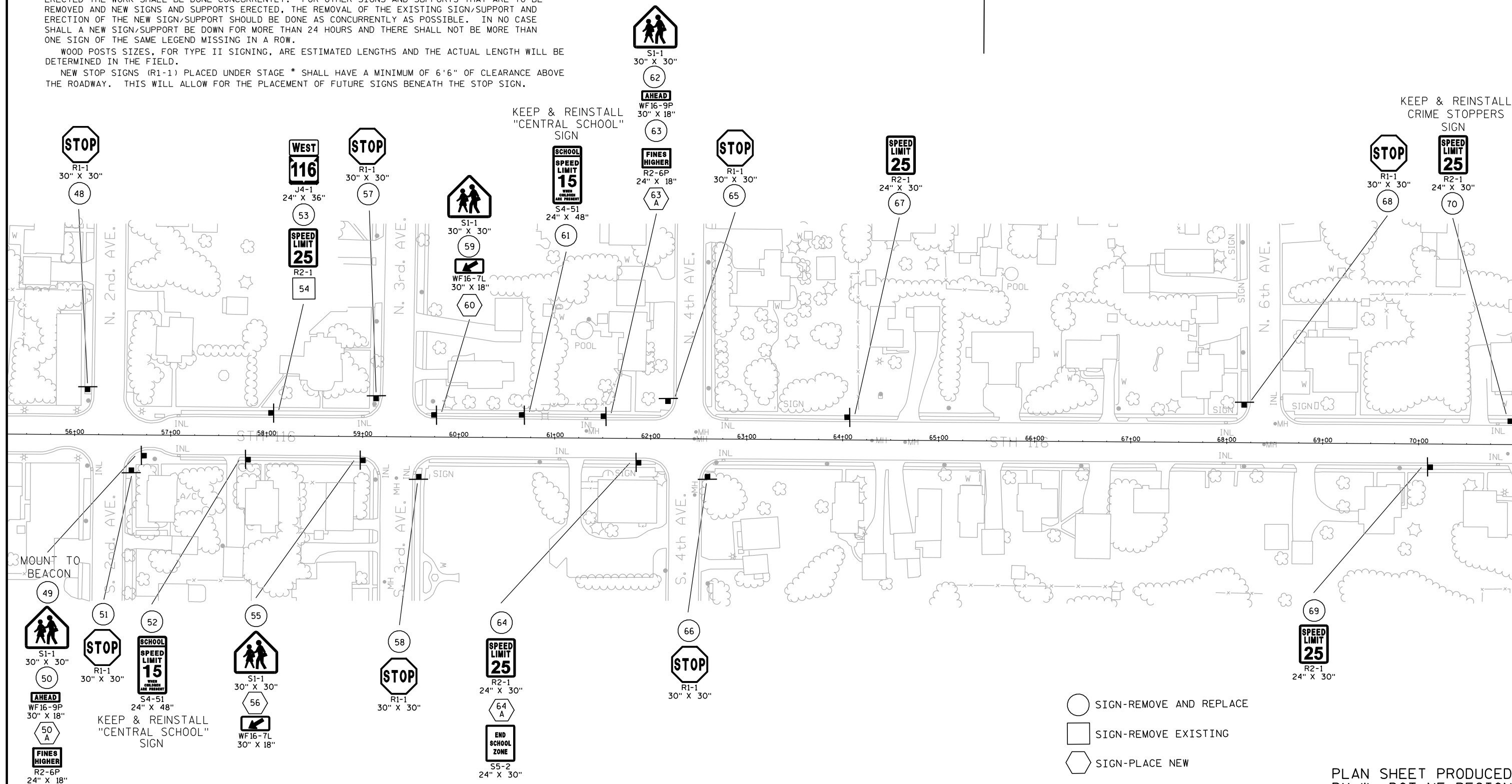
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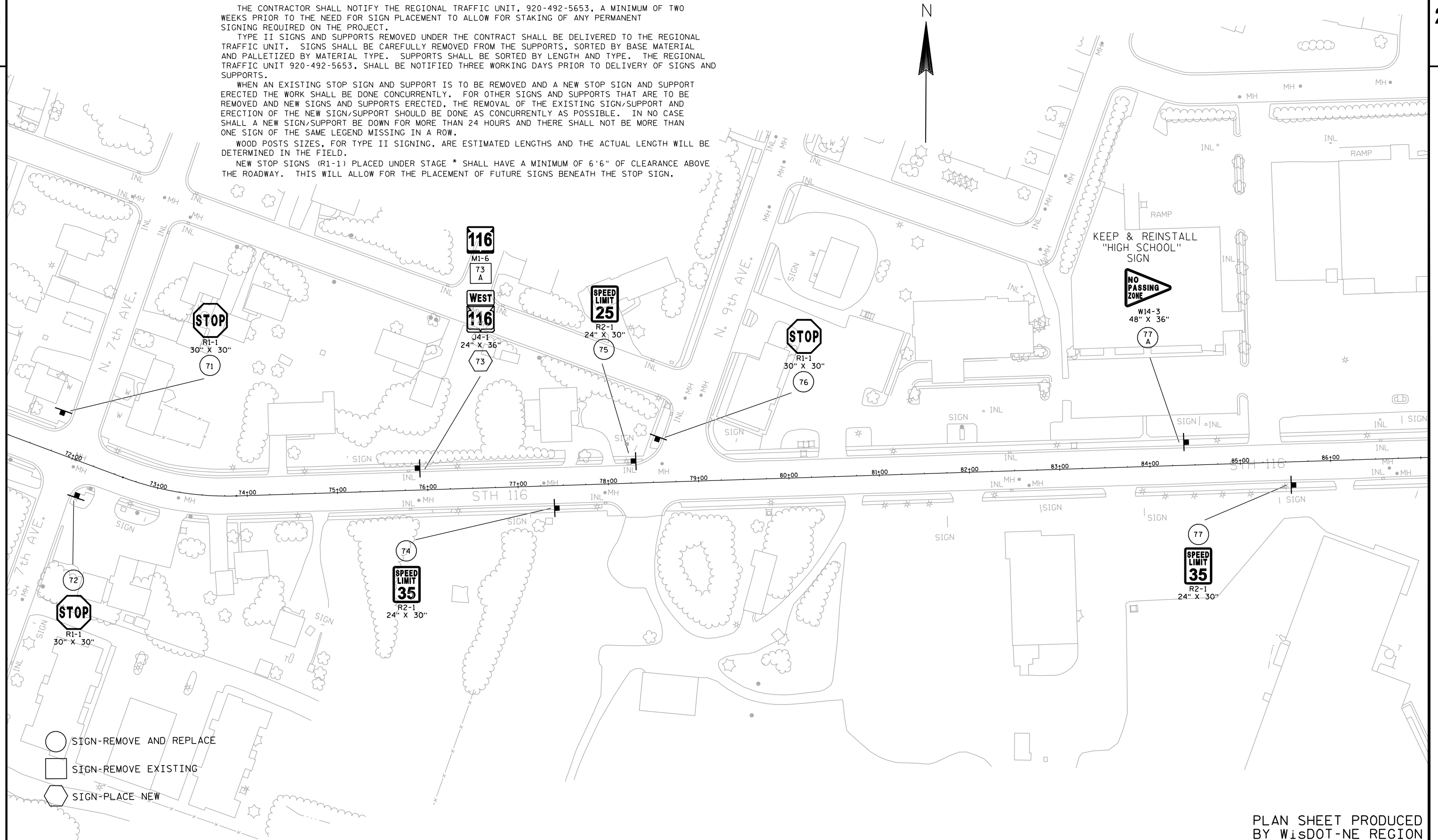
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HWY:STH 116

COUNTY:WINNEBAGO

PERMANENT SIGNING

SHEET

E

## SIGNING NOTES

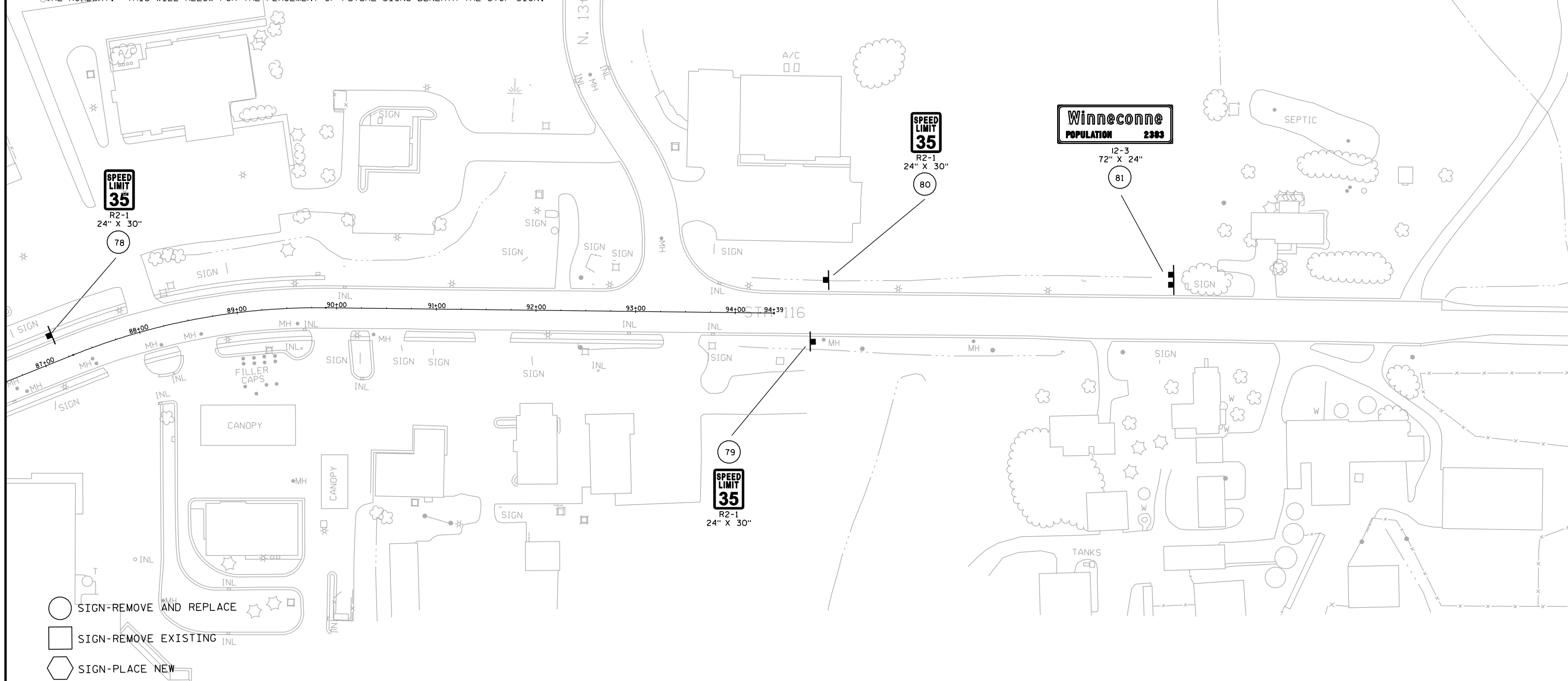
THE CONTRACTOR SHALL NOTIFY THE REGIONAL TRAFFIC UNIT, 920-492-5653, A MINIMUM OF TWO WEEKS PRIOR TO THE NEED FOR SIGN PLACEMENT TO ALLOW FOR STAKING OF ANY PERMANENT SIGNING REQUIRED ON THE PROJECT.

TYPE II SIGNS AND SUPPORTS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE REGIONAL TRAFFIC UNIT. SIGNS SHALL BE CAREFULLY REMOVED FROM THE SUPPORTS, SORTED BY BASE MATERIAL AND PALLETIZED BY MATERIAL TYPE. SUPPORTS SHALL BE SORTED BY LENGTH AND TYPE. THE REGIONAL TRAFFIC UNIT 920-492-5653, SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF SIGNS AND SUPPORTS.

WHEN AN EXISTING STOP SIGN AND 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 SIGNING, ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

NEW STOP SIGNS (R1-1) PLACED UNDER STAGE \* SHALL HAVE A MINIMUM OF 6'6" OF CLEARANCE ABOVE THE ROADWAY. THIS WILL ALLOW FOR THE PLACEMENT OF FUTURE SIGNS BENEATH THE STOP SIGN.



PLAN SHEET PRODUCED  
BY WISDOT-NE REGION

PROJECT NO: 6190-23-60

HWY: STH 116

COUNTY: WINNEBAGO

PERMANENT SIGNING

SHEET

E

DATE 12MAR13		E S T I M A T E O F Q U A N T I T I E S			
LINE				6190-23-60	
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	204.0115	REMOVING ASPHALTIC SURFACE BUTT JOINTS	SY	25.000	25.000
0020	204.0120	REMOVING ASPHALTIC SURFACE MILLING	SY	20,250.000	20,250.000
0030	211.0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) 01. 6190-23-60	LS	1.000	1.000
0040	213.0100	FINISHING ROADWAY (PROJECT) 01. 6190-23-60	EACH	1.000	1.000
0050	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	30.000	30.000
0060	305.0500	SHAPING SHOULDERS	STA	7.000	7.000
0070	440.4410.S	INCENTIVE IRI RIDE	DOL	5,600.000	5,600.000
0080	455.0115	ASPHALTIC MATERIAL PG64-22	TON	127.000	127.000
0090	455.0605	TACK COAT	GAL	500.000	500.000
0100	460.1103	HMA PAVEMENT TYPE E-3	TON	2,315.000	2,315.000
0110	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	1,500.000	1,500.000
0120	460.4110.S	REHEATING HMA LONGITUDINAL JOINTS	LF	7,302.000	7,302.000
0130	611.8110	ADJUSTING MANHOLE COVERS	EACH	5.000	5.000
0140	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 01. 6190-23-60	EACH	1.000	1.000
0150	619.1000	MOBILIZATION	EACH	1.000	1.000
0160	628.1905	MOBILIZATIONS EROSION CONTROL	EACH	2.000	2.000
0170	628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	2.000	2.000
0180	628.7015	INLET PROTECTION TYPE C	EACH	12.000	12.000
0190	634.0614	POSTS WOOD 4X6-INCH X 14-FT	EACH	32.000	32.000
0200	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	9.000	9.000
0210	634.0618	POSTS WOOD 4X6-INCH X 18-FT	EACH	4.000	4.000
0220	634.0812	POSTS TUBULAR STEEL 2X2-INCH X 12-FT	EACH	2.000	2.000
0230	634.0814	POSTS TUBULAR STEEL 2X2-INCH X 14-FT	EACH	16.000	16.000
0240	637.0202	SIGNS REFLECTIVE TYPE II	SF	493.440	493.440
0250	638.2602	REMOVING SIGNS TYPE II	EACH	90.000	90.000
0260	638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	63.000	63.000
0270	642.5201	FIELD OFFICE TYPE C	EACH	1.000	1.000
0280	643.0100	TRAFFIC CONTROL (PROJECT) 01. 6190-23-60	EACH	1.000	1.000
0290	643.0300	TRAFFIC CONTROL DRUMS	DAY	300.000	300.000
0300	643.0900	TRAFFIC CONTROL SIGNS	DAY	525.000	525.000
0310	643.1050	TRAFFIC CONTROL SIGNS PCMS	DAY	14.000	14.000
0320	646.0406	PAVEMENT MARKING SAME DAY EPOXY 4-INCH	LF	10,170.000	10,170.000
0330	647.0766	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	LF	2,470.000	2,470.000
0340	650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	7,302.000	7,302.000

REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION TO STATION	LOCATION	204.0115 SY
12+01 - 12+03	STH 116	6
18+98 - 19+00	STH 116	1
44+49 - 44+51	STH 116	6
51+59 - 51+61	STH 116	6
92+09 - 92+11	STH 116	6
PROJECT TOTAL		25

REMOVING ASPHALTIC SURFACE MILLING

STATION TO STATION	LOCATION	204.0120 SY
12+01 - 19+00	STH 116	2,150
19+00 - 44+51	STH 116	7,000
51+59 - 92+11	STH 116	11,100
PROJECT TOTAL		20,250

BASE AGGREGATE DENSE

STATION TO STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON
12+80 - 18+75	WB SHOULDER	23
UNDISTRIBUTED	STH 116	7
PROJECT TOTALS		30

ASPHALTIC ITEMS

STATION TO STATION	LOCATION	455.0115 ASPHALTIC MATERIAL PG64-22 TON	455.0605 TACK COAT GAL	460.1103 HMA PAVEMENT TYPE E-3 TON	646.4110.S REHEATING HMA PAVEMENT LONGITUDINAL JOINTS LF
12+01 - 19+00	STH 116	13	50	245	699
19+00 - 44+51	STH 116	44	150	800	2,551
51+59 - 92+11	STH 116	70	300	1,270	4,052
PROJECT TOTALS		127	500	2,315	7,302

PREPARE FOUNDATION FOR ASPHALTIC PAVEMENT PROJECT 6190-23-60

STATION TO STATION	LOCATION	211.0100 LUMP SUM	REMARKS
12+01 - 92+11	STH 116	1	SEE NOTE C
PROJECT TOTAL		1	

NOTE C : EXCEPTION TO NET CL STA 44+51 TO STA 51+59

RESTORATION AND EROSION CONTROL ITEMS

STATION TO STATION	LOCATION	628.1905 MOBIL. EROSION CONTROL EA	628.1910 MOBIL. EROSION CONTROL EMERGENCY EA	628.7015 INLET PROTECTION TYPE C EACH
12+01 - 19+00	STH 116	---	---	---
19+00 - 44+51	STH 116	---	---	4
51+59 - 92+11	STH 116	---	---	4
UNDISTRIBUTED	STH 116	2	2	4
PROJECT TOTALS		2	2	12

TRAFFIC CONTROL

STAGE	LOCATION	SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS NO DAYS	643.0900 SIGNS NO DAYS	643.1050 PORTABLE CHANGEABLE MESSAGE SIGNS NO DAYS	REMARKS
	6190-23-60	7	--- ---		2 14	SEE NOTE A
EB	STH 116- WEST OF BRIDGE	2	45 90	0	--- ---	SEE NOTE B
EB	STH 116- EAST OF BRIDGE	2	30 60	0	--- ---	SEE NOTE B
WB	STH 116- WEST OF BRIDGE	2	45 90	0	--- ---	SEE NOTE B
WB	STH 116- EAST OF BRIDGE	2	30 60	0	--- ---	SEE NOTE B
EB	ADVANCE SIGNAGE	15	0	4 60	0	
WB	ADVANCE SIGNAGE	15	0	4 60	0	
	SIDE STREETS	15	0	27 405	0	
PROJECT TOTALS			300	525	14	

NOTE A: INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS ONE WEEK IN ADVANCE ALONG STH 116

NOTE B: USE TO CLOSE OFF PARKING AREAS AND DRIVEWAYS DURING PAVING OPERATIONS

PAVEMENT MARKING 4-INCH

		646.0406 PAVEMENT MARKING SAME DAY EPOXY 4-INCH (YELLOW) LF	646.0406 PAVEMENT MARKING SAME DAY EPOXY 4-INCH (WHITE) LF	
STATION - STATION	LOCATION			REMARKS
12+01 - 27+53	STH 116	390	---	PASSING ZONE, SINGLE DASH
12+80 - 18+75	STH 116	---	595	WB EDGELINE
27+53 - 35+85	STH 116	1,050	---	WB PASSING, EB NO PASSING
35+85 - 57+62	STH 116	4,350	---	DOUBLE YELLOW
57+62 - 61+75	STH 116	515	---	WB NO PASSING, EB PASSING
61+75 - 66+92	STH 116	125	---	PASSING ZONE, SINGLE DASH
66+92 - 71+36	STH 116	560	---	WB PASSING, EB NO PASSING
71+36 - 73+80	STH 116	490	---	DOUBLE YELLOW
73+80 - 77+50	STH 116	470	---	WB NO PASSING, EB PASSING
77+50 - 82+72	STH 116	125	---	PASSING ZONE, SINGLE DASH
82+72 - 87+73	STH 116	625	---	WB PASSING, EB NO PASSING
87+73 - 92+11	STH 116	875	---	DOUBLE YELLOW

SUBTOTALS 9,575 595  
PROJECT TOTAL 10,170

PAVEMENT MARKING 6-INCH

		647.0766 PAVEMENT MARKING CROSSWALK EPOXY 6-INCH (WHITE) LF
STATION - STATION	LOCATION	
12+01 - 44+51	STH 116	1,260
51+59 - 92+11	STH 116	1,210

PROJECT TOTALS 2,470

\*\*\*REMARK CROSSWALKS ON STH 116 ONLY.  
\*\*\*REMARK TO MATCH EXISTING MARKINGS.

CONSTRUCTION STAKING

		650.8000 RESURFACING REFERENCE LF
STATION TO STATION	LOCATION	
12+01 - 44+51	STH 116	3250
51+59 - 92+11	STH 116	4052

PROJECT TOTAL 7,302

ADJUSTING MANHOLE COVERS

		611.8110 ADJUSTING MANHOLE COVERS EACH
STATION TO STATION	LOCATION	
UNDISTRIBUTED	STH 116	5

PROJECT TOTAL 5



ERECTION AND REMOVAL OF TYPE II SIGNS AND SUPPORTS

SIGN NO.	LOCATION	SIGN CODE	W X H	637. 0202 SIGNS REFLECTI VE TYPE II S. F.	634. 0614 POSTS WOOD 4x6x14 EACH	634. 0616 POSTS WOOD 4x6x16 EACH	634. 0618 POSTS WOOD 4x6x18 EACH	634. 0812 POSTS TUBULAR STEEL 2X2X12 EACH	634. 0814 POSTS TUBULAR STEEL 2X2X14 EACH	638. 2602 REMOVI NG SIGNS TYPE II EACH	638. 3000 REMOVI NG SMALL SI GN SUPPORTS EACH	REMARKS
1	STH 116, W. OF 9TH ST	R2-1	24" X 30"	5.00	1					1	1	55 MPH
1B	"	I2-3	72" X 24"	12.00	1	1				2	2	WINNECONNE, REMOUNT VILLAGE PARKING SIGN ON LEFT POST
1C	"	W3-5	36" X 36"	9.00		1						
1D	"	R2-5A								2	1	ALSO REMOVE W13-1W
2	"	W14-3	48" X 36"	6.00	1					1	1	FLUORSCENT REFLECTIVE SHEETING
3	9TH ST	R1-1	30" X 30"	5.18	1					1	1	
4	STH 116, W. OF 9TH ST	R2-1	24" X 30"	5.00	1					1	1	35 MPH
4A	"	I55-56	30" X 36"	7.50	1					1	1	WINNECONNE MASONIC LODGE F&AM #186
5	"	R2-1	24" X 30"	5.00	1					1	1	35 MPH
6	"	R2-1	24" X 30"	5.00	1					1	1	25 MPH
7	7TH ST	R1-1	30" X 30"	5.18	1					1	1	
8	STH 116, E. OF 7TH ST	W11-8	36" X 36"	9.00		1				1	1	
9	STH 116, W. OF 6TH ST	R2-1	24" X 30"	5.00	1					1	1	25 MPH
10	6TH ST	R1-1	30" X 30"	5.18					1	1	1	
11	"	R1-1	30" X 30"	5.18					1	1	1	
12	STH 116, E. OF 6TH ST	R2-1	24" X 30"	5.00	1					1	1	25 MPH
13	STH 116, W. OF 5TH ST	W11-8	36" X 36"	9.00		1				1	1	
14	5TH ST	R1-1	30" X 30"	5.18					1	1	1	
15	"	R1-1	30" X 30"	5.18					1	1	1	
16	STH 116, E. OF 5TH ST	R2-1	24" X 30"	5.00	1					1	1	25 MPH
17	4TH ST	R1-1	30" X 30"	5.18					1	1	1	
18	"	R1-1	30" X 30"	5.18					1	1	1	
19	STH 116, E. OF 4TH ST	J4-1	24" X 36"	6.00			1			1		WEST STH 116
20	"	R2-1	24" X 30"	5.00						1	1	25 MPH, MOUNT BELOW SIGN #19
21	3RD ST	R1-1	30" X 30"	5.18					1	1	1	
22	"	R1-1	30" X 30"	5.18					1	1	1	
23	2ND ST	R1-1	30" X 30"	5.18					1	1	1	
24	"	R1-1	30" X 30"	5.18					1	1	1	
25	STH 116, W. OF 1ST ST	J4-1	24" X 36"	6.00								WEST STH 116, MOUNT TO LIGHT POLE
25A	"	M1-6								1		
26	1ST ST	R1-1	30" X 30"	5.18					1	1	1	
27	"	R1-1	30" X 30"	5.18					1	1	1	
28	STH 116, E. OF 1ST ST	R2-1	24" X 30"	5.00						1		25 MPH, MOUNT TO LIGHT POLE
29	"	R2-1	24" X 30"	5.00						1		25 MPH, MOUNT TO LIGHT POLE
30	"	W3-6	36" X 36"	9.00						1		MOUNT TO LIGHT POLE
31	STH 116, BRIDGE OVER LAKE WINNECONNE	R2-1	24" X 30"	5.00				1		1	1	25 MPH
32	"	R7-1D	18" X 24"	3.00						1		MOUNT TO LIGHT POLE
33	"	W8-63	30" X 30"	6.25						1		MOUNT TO LIGHT POLE
34	"	R10-6	24" X 36"	6.00						1		MOUNT TO RED LIGHT BEACON
35	"	R10-6	24" X 36"	6.00						1		MOUNT TO RED LIGHT BEACON
36	"	I3-1	36" X 24"	6.00						1		WOLF RIVER, MOUNT TO LIGHT POLE
37	"	I3-1	36" X 24"	6.00						1		WOLF RIVER, MOUNT TO LIGHT POLE

PAGE SUBTOTALS

234.27

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PLAN SHEET PRODUCED  
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ERECTION AND REMOVAL OF TYPE II SIGNS AND SUPPORTS

SI GN NO.	LOCATI ON	SI GN CODE	W X H	637. 0202 SI GNS REFLECTI VE TYPE II S. F.	634. 0614 POSTS WOOD 4x6x14 EACH	634. 0616 POSTS WOOD 4x6x16 EACH	634. 0618 POSTS WOOD 4x6x18 EACH	634. 0812 POSTS TUBULAR STEEL 2X2X12 EACH	634. 0814 POSTS TUBULAR STEEL 2X2X14 EACH	638. 2602 REMOVI NG SI GNS TYPE II EACH	638. 3000 REMOVI NG SMALL SI GN SUPPORTS EACH	REMARKS
38	STH 116, BRIDGE OVER LAKE WINNECONNE	R10-6	24" X 36"	6.00						1		MOUNT TO RED LIGHT BEACON
39	"	R10-6	24" X 36"	6.00						1		MOUNT TO RED LIGHT BEACON
40	"	W8-63	30" X 30"	6.25						1		MOUNT TO LIGHT POLE
41	"	R9-99	24" X 30"	5.00						1		MOUNT BELOW SIGN #40 ON LIGHT POLE
42	"	R8-52	24" X 30"	5.00				1		2	1	MOUNT EXISTNG VILLAGE SIGN BELOW NEW SIGN
43	STH 116, W. OF 1ST AVE	W3-6	36" X 36"	9.00						1		MOUNT TO LIGHT POLE
44	"	R7-1R	18" X 24"	3.00						1		MOUNT BELOW SIGN #43 ON LIGHT POLE
45	1ST AVE	R1-1	30" X 30"	5.18					1	1	1	
45A	STH 116, E. OF 1ST AVE	R2-1	24" X 30"	5.00								25 MPH
45B	"	S5-2	24" X 30"	5.00								
46	"	J4-1	24" X 36"	6.00								EAST STH 116, MOUNT TO LIGHT POLE
46A	"	M1-6								1		
47	1ST AVE	R1-1	30" X 30"	5.18					1	1	1	
48	2ND AVE	R1-1	30" X 30"	5.18					1	1	1	
49	STH 116, E. OF 2ND AVE	S1-1	30" X 30"	4.69						1		MOUNT TO FLASHING BEACON, FLUORSCENT REFLECTIVE SHEETING
50	"	WF16-9P	30" X 18"	3.75						1		MOUNT BELOW SIGN #49 ON LIGHT POLE, FLUORSCENT REFLECTIVE SHEETING
50A	"	R2-6P	24" X 18"	3.00								MOUNT BELOW SIGN #50 ON LIGHT POLE
51	2ND AVE	R1-1	30" X 30"	5.18					1	1	1	
52	STH 116, E. OF 2ND AVE	S4-51	24" X 48"	8.00			1			2	1	15 MPH, MOUNT EXISTING "CENTRAL SCHOOL" BELOW NEW SIGN
53	STH 116, W. OF 3RD AVE	J4-1	24" X 36"	6.00			1			1		WEST STH 116
54	"	R2-1								1	1	
55	"	S1-1	30" X 30"	4.69		1				1	1	FLUORSCENT REFLECTIVE SHEETING
56	"	WF16-7L	30" X 18"	3.75								MOUNT BELOW SIGN #55, FLUORSCENT REFLECTIVE SHEETING
57	3RD AVE	R1-1	30" X 30"	5.18	1					1	1	
58	"	R1-1	30" X 30"	5.18	1					1	1	
59	STH 116, E. OF 3RD AVE	S1-1	30" X 30"	4.69		1				1	1	FLUORSCENT REFLECTIVE SHEETING
60	"	WF16-7L	30" X 18"	3.75								MOUNT BELOW SIGN #59, FLUORSCENT REFLECTIVE SHEETING
61	"	S4-51	24" X 48"	8.00			1			2	1	15 MPH, MOUNT EXISTING "CENTRAL SCHOOL" BELOW NEW SIGN
62	STH 116, W. OF 4TH AVE	S1-1	30" X 30"	4.69		1				1	1	FLUORSCENT REFLECTIVE SHEETING
63	"	WF16-9P	30" X 18"	3.75						1		MOUNT BELOW SIGN #62, FLUORSCENT REFLECTIVE SHEETING
63A	"	R2-6P	24" X 18"	3.00								MOUNT BELOW SIGN #63
64	"	R2-1	24" X 30"	5.00	1					1	1	25 MPH
64A	"	S5-2	24" X 30"	5.00								MOUNT BELOW SIGN #64
65	4TH AVE	R1-1	30" X 30"	5.18	1					1	1	
66	"	R1-1	30" X 30"	5.18	1					1	1	
67	STH 116, E. OF 4TH AVE	R2-1	24" X 30"	5.00	1					1	1	25 MPH
68	6TH AVE	R1-1	30" X 30"	5.18	1					1	1	
69	STH 116, E. OF 6TH AVE	R2-1	24" X 30"	5.00	1					1	1	25 MPH
70	STH 116, W. OF 7TH AVE	R2-1	24" X 30"	5.00	1					2	1	25 MPH, MOUNT EXISTING "CRIME STOPPERS" BELOW NEW SIGN
71	7TH AVE	R1-1	30" X 30"	5.18	1					1	1	
72	"	R1-1	30" X 30"	5.18	1					1	1	
73	STH 116, W. OF 9TH AVE	J4-1	24" X 36"	6.00		1						WEST STH 116
73A	"	M1-6								1	1	STH 116
74	"	R2-1	24" X 30"	5.00	1					1	1	35 MPH

PAGE SUBTOTALS

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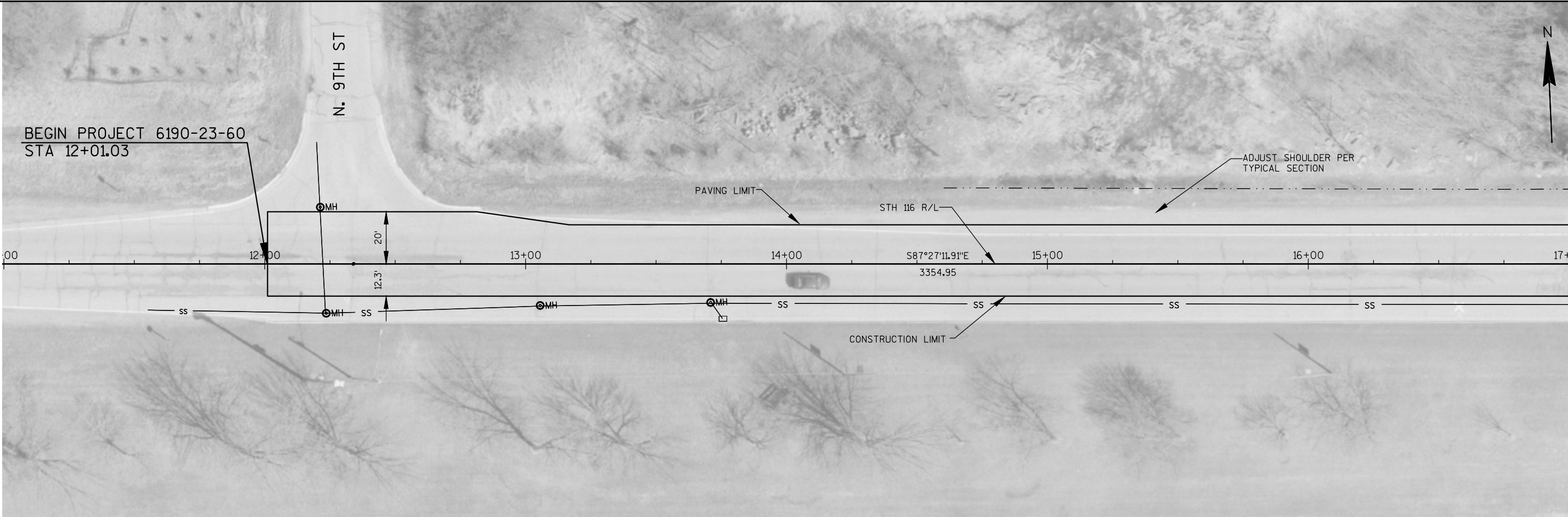
PLAN SHEET PRODUCED  
BY WisDOT - NE REGION

ERECTION AND REMOVAL OF TYPE II SIGNS AND SUPPORTS

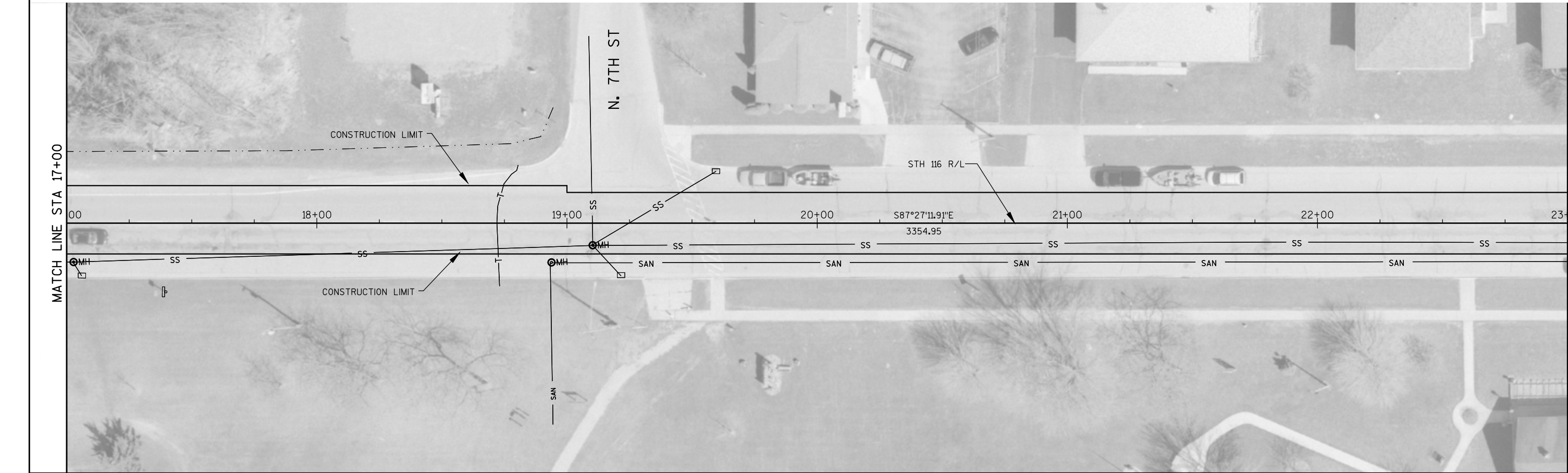
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75	STH 116, W. OF 9TH AVE	R2-1	24" X 30"	5.00	1					1	1	25 MPH
76	9TH AVE	R1-1	30" X 30"	5.18	1					1	1	
77	STH 116, E. OF 9TH AVE	R2-1	24" X 30"	5.00	1					1	1	35 MPH
77A	"	W14-3	48" X 36"	6.00	1					2	1	MOUNT EXISTING "HIGH SCHOOL" ON BACKSIDE OF NEW SIGN, FLUORSCENT REFLECTIVE SHEETING
78	"	R2-1	24" X 30"	5.00	1					1	1	35 MPH
79	STH 116, E. OF 13TH AVE	R2-1	24" X 30"	5.00	1					1	1	35 MPH
80	"	R2-1	24" X 30"	5.00	1					1	1	35 MPH
81	"	I2-3	72" X 24"	12.00	1	1				1	2	WINNECONNE
PAGE SUBTOTALS				48.18	8	1	0	0	0	9	9	
PROJECT TOTALS				493.44	32	9	4	2	16	90	63	

PLAN SHEET PRODUCED  
BY WisDOT - NE REGION

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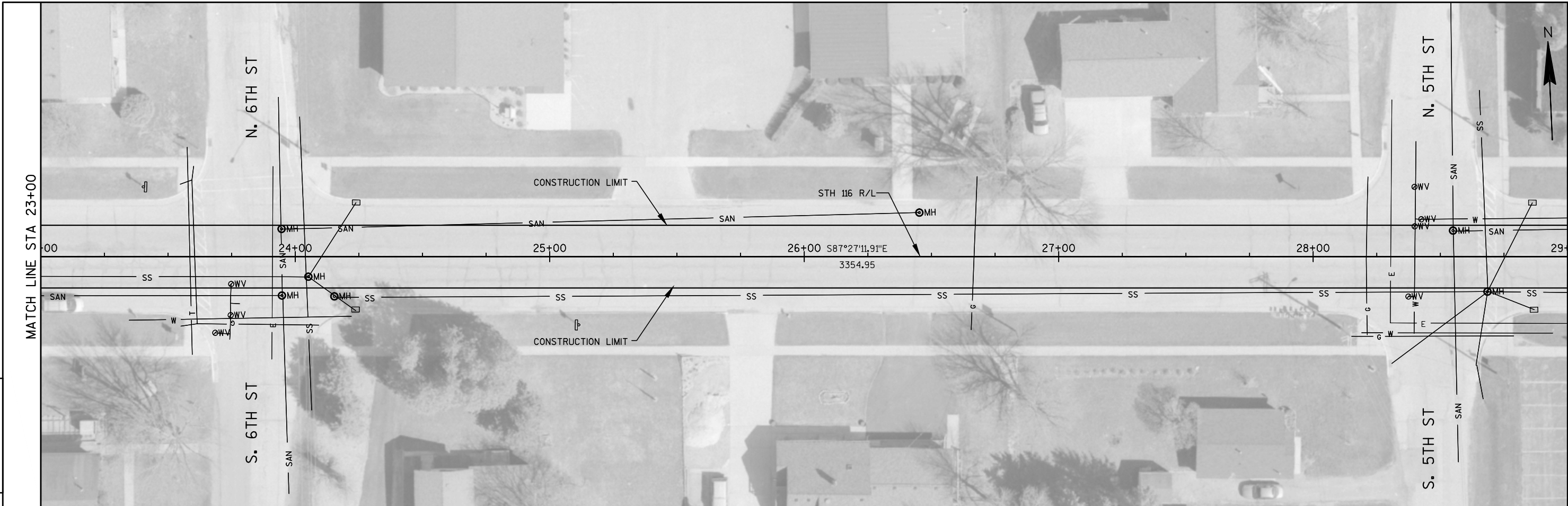
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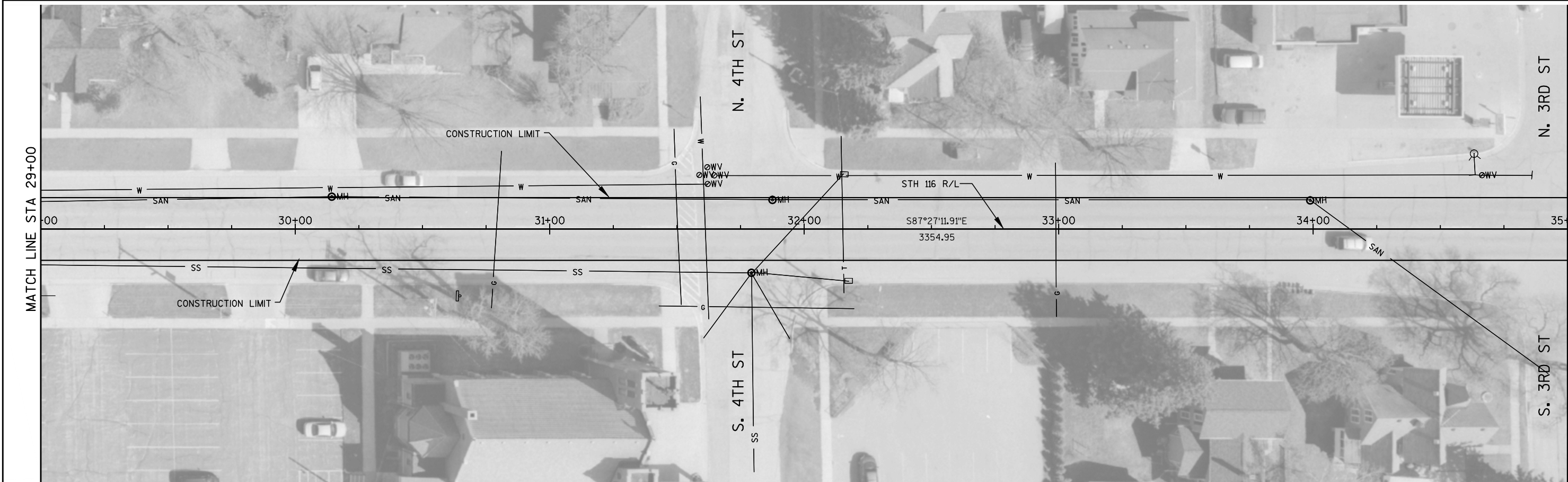
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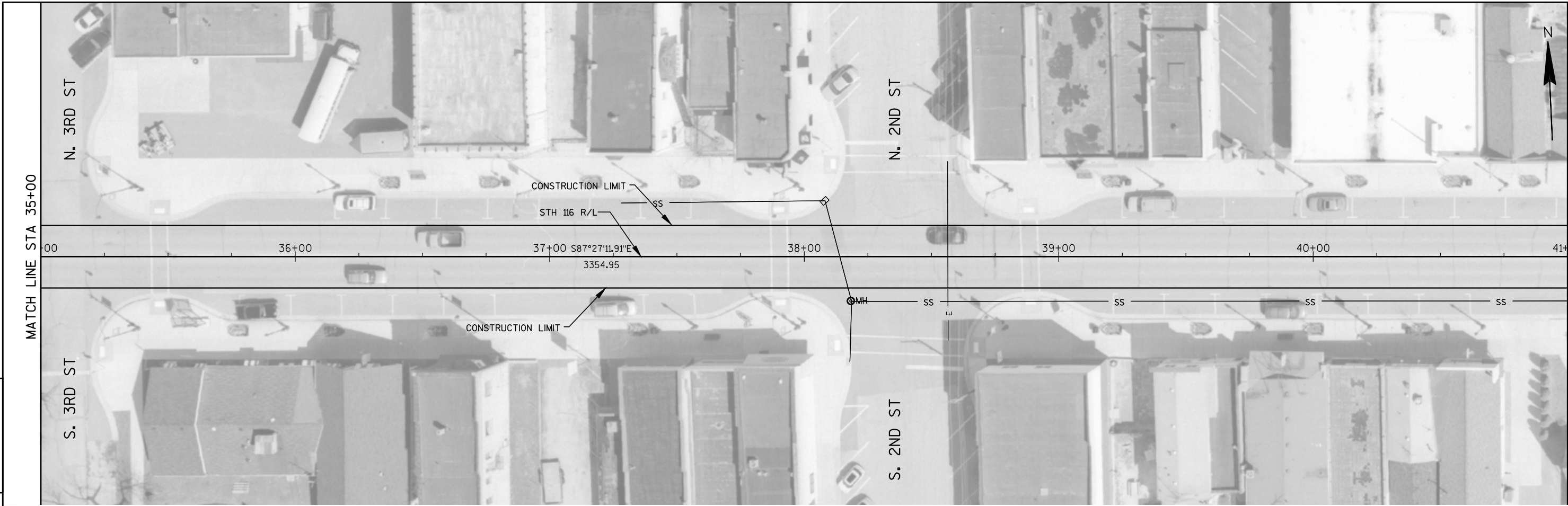
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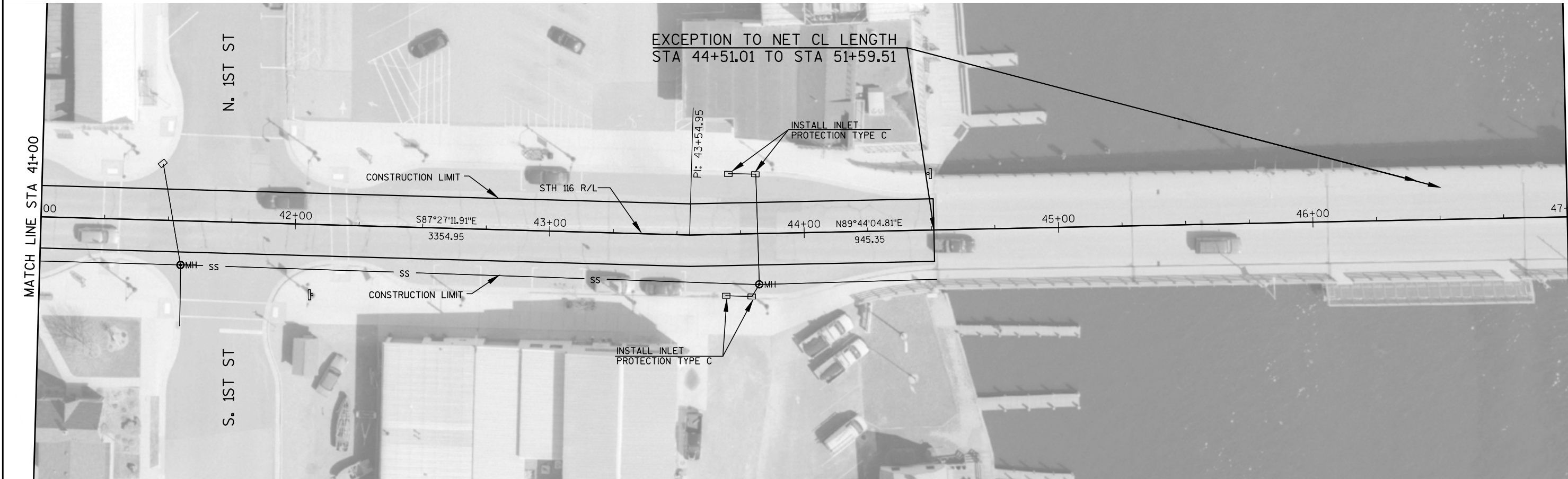
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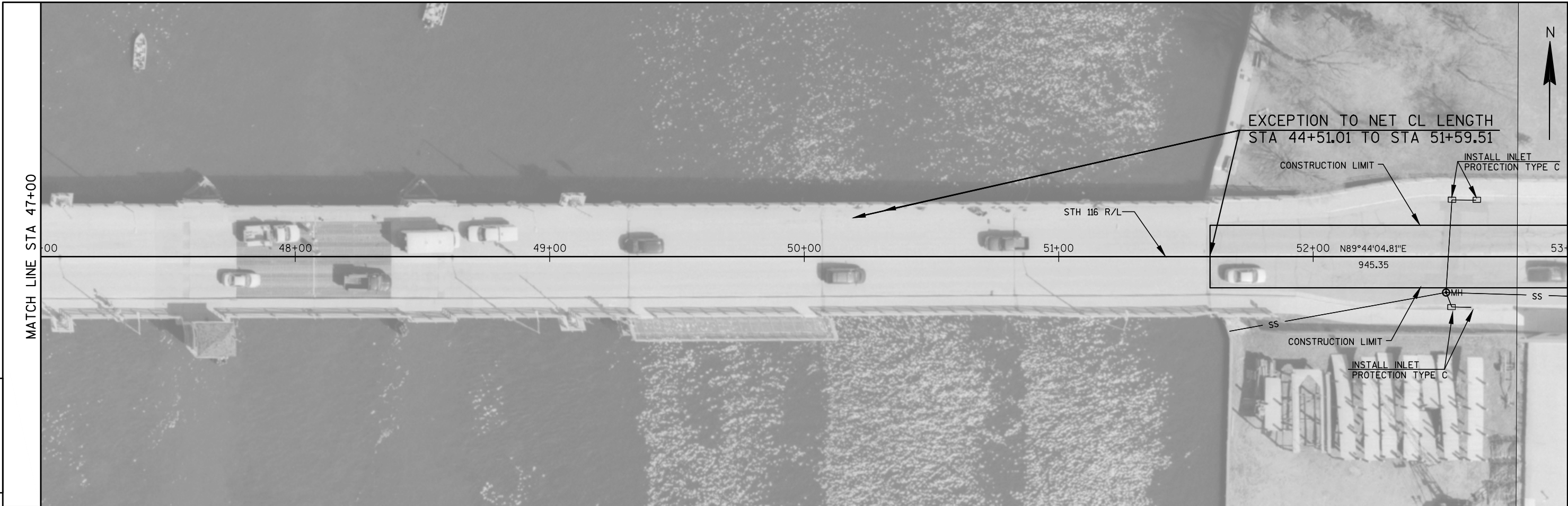


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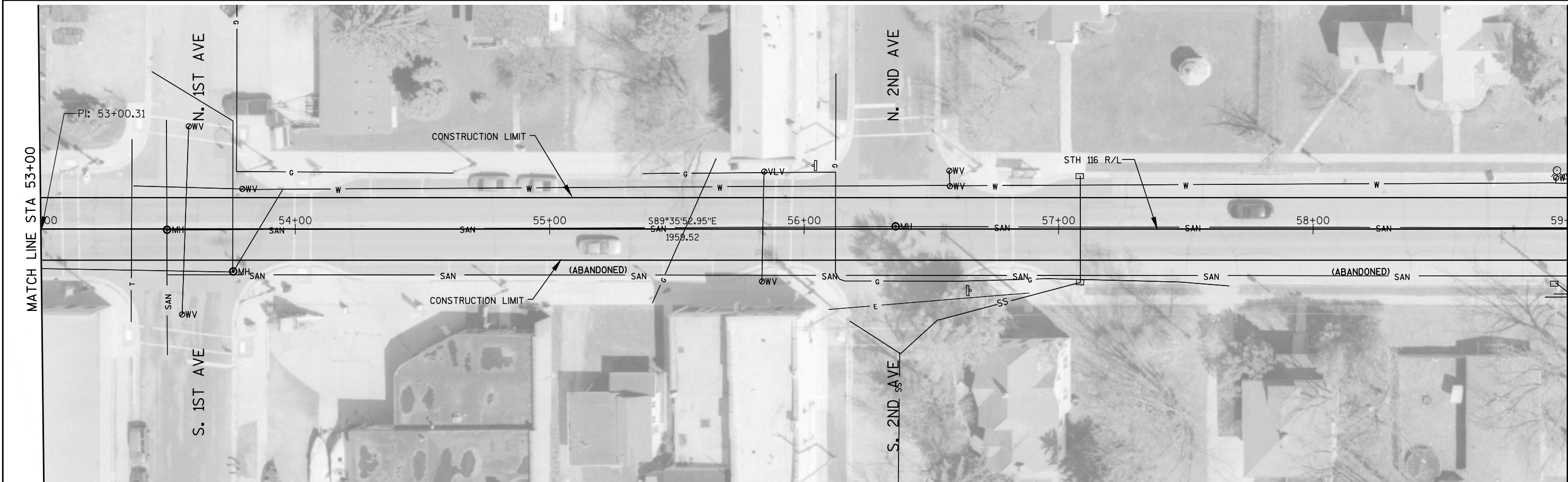


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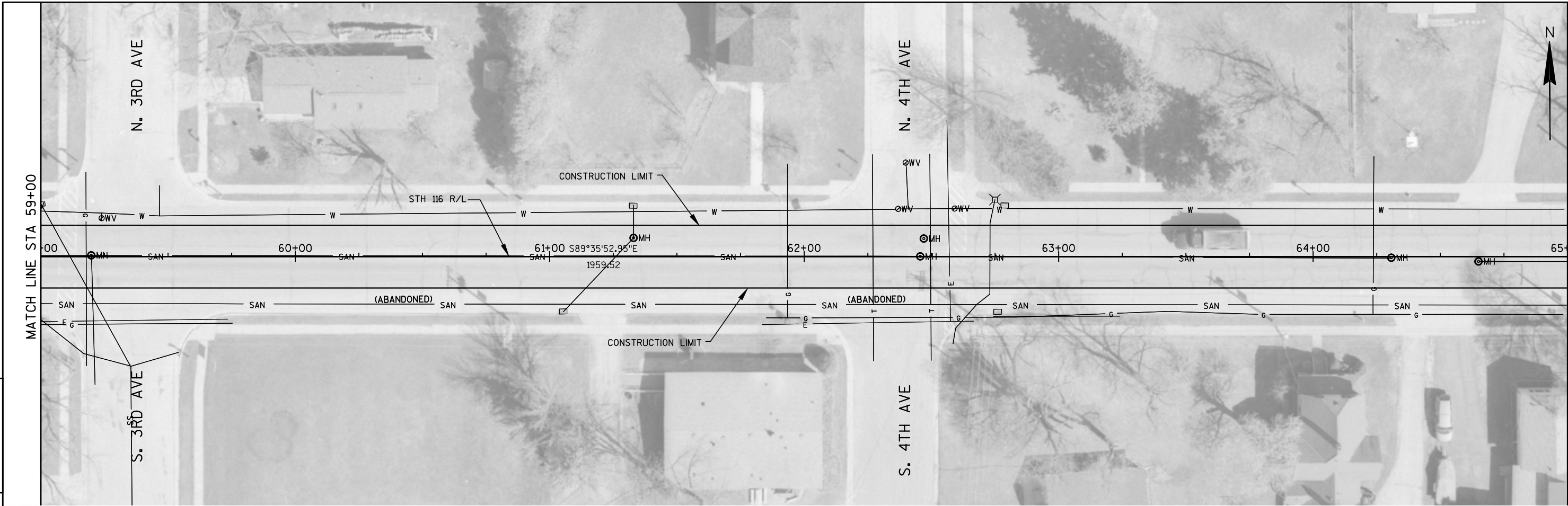
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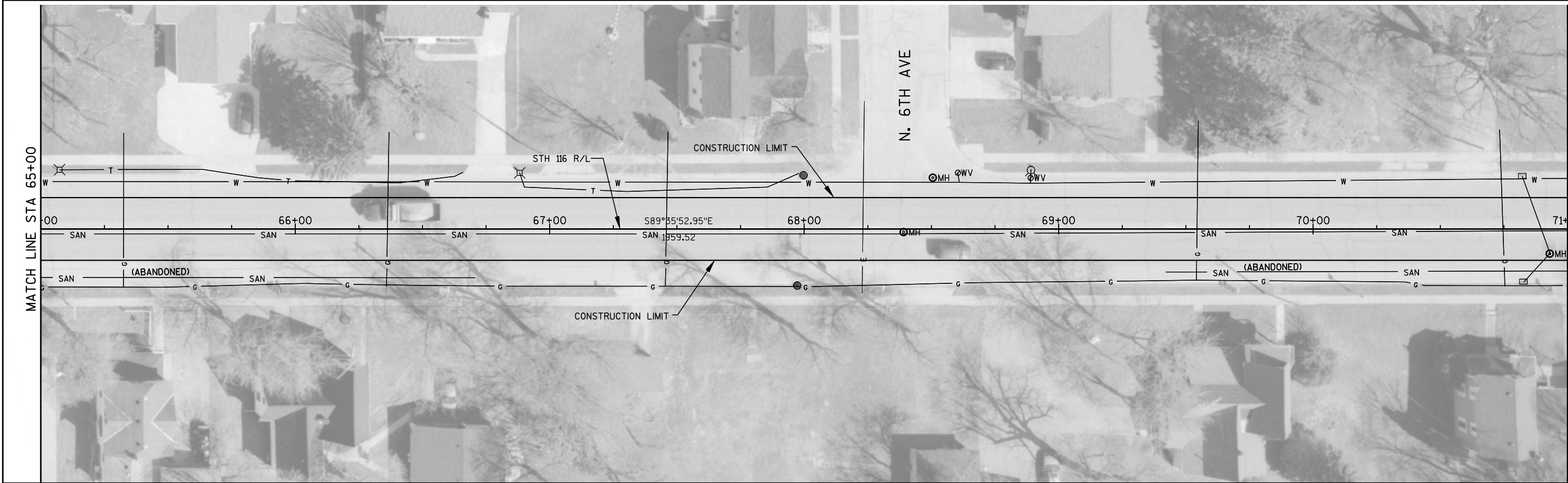
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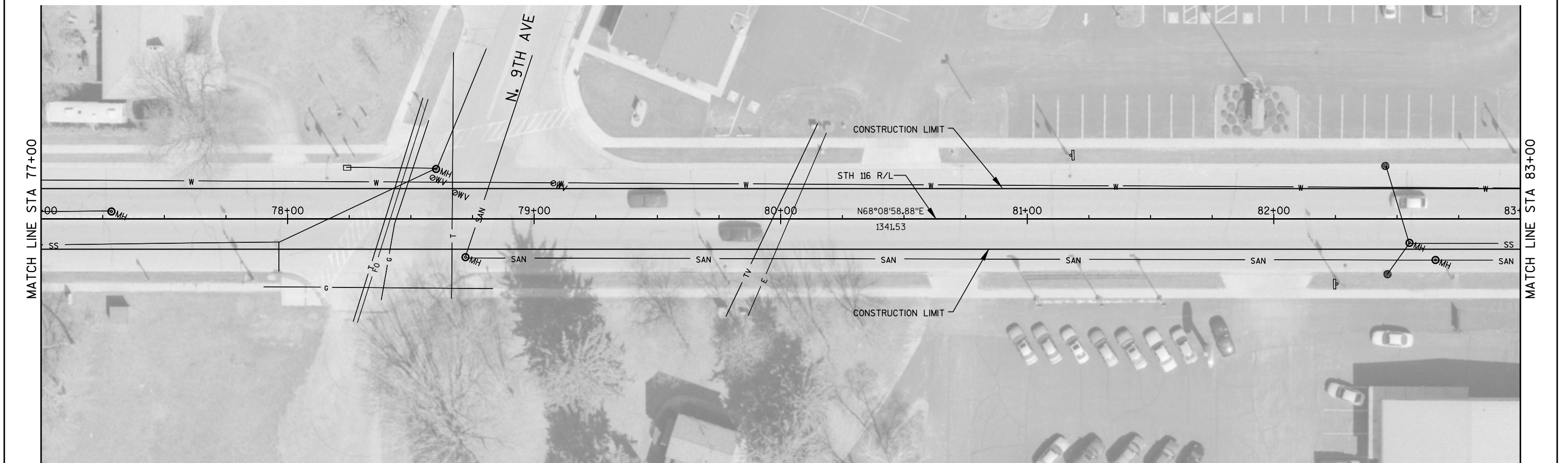
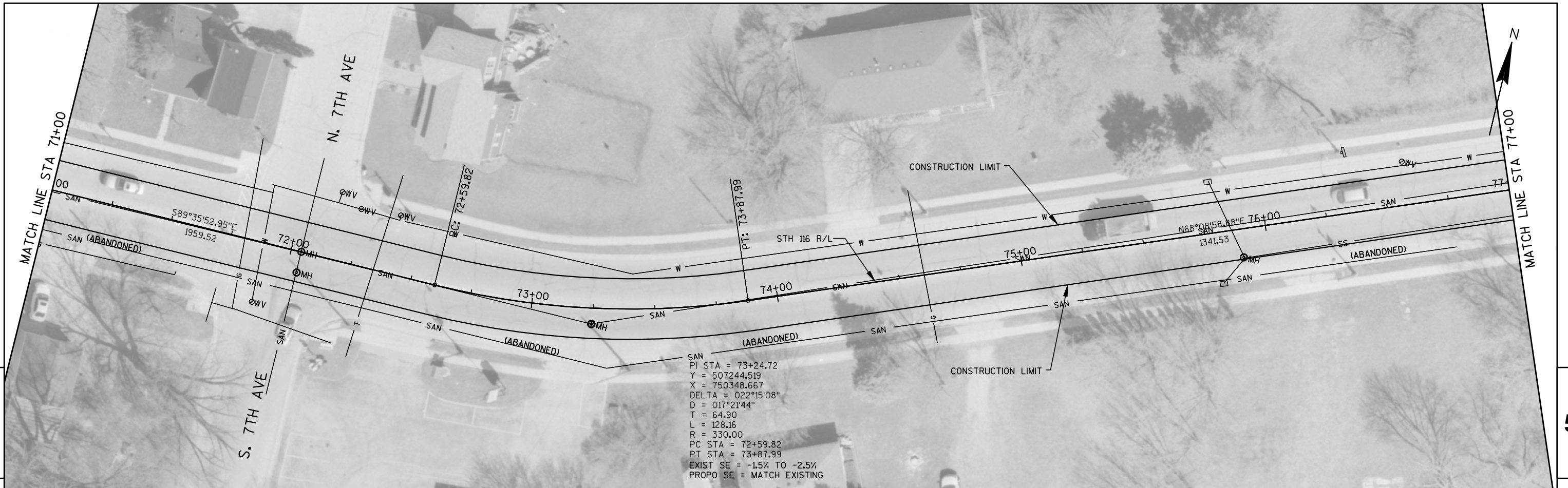
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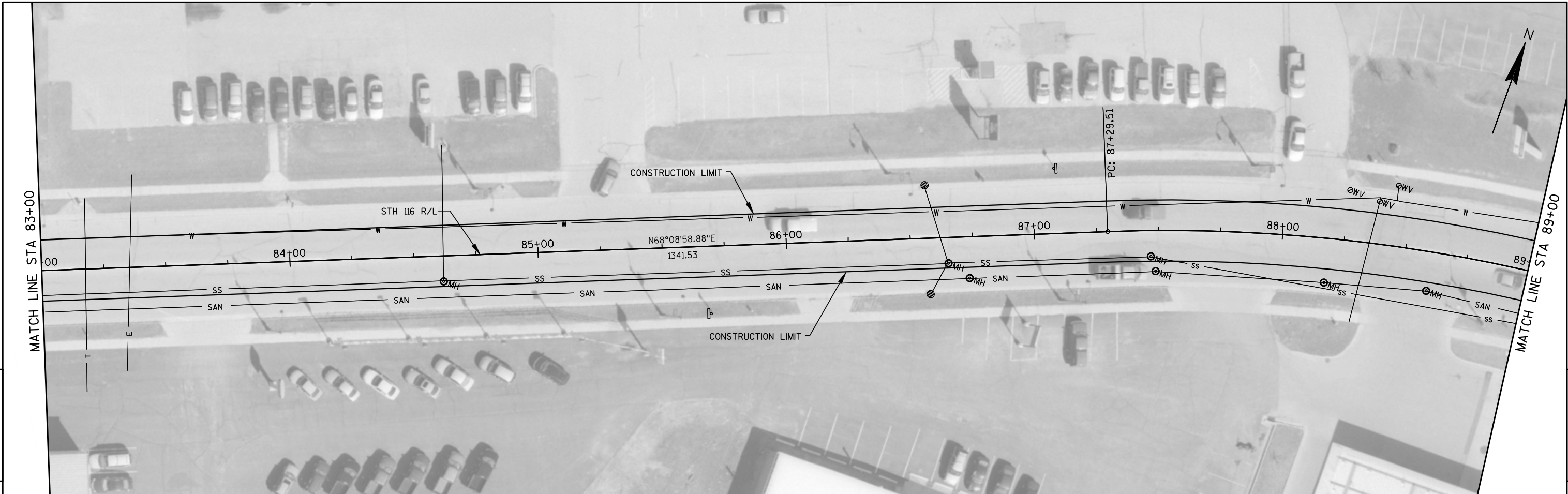


PROJECT NO: 6190-23-60	HWY: STH 116	COUNTY: WINNEBAGO	PLAN: STH 116	SHEET	E
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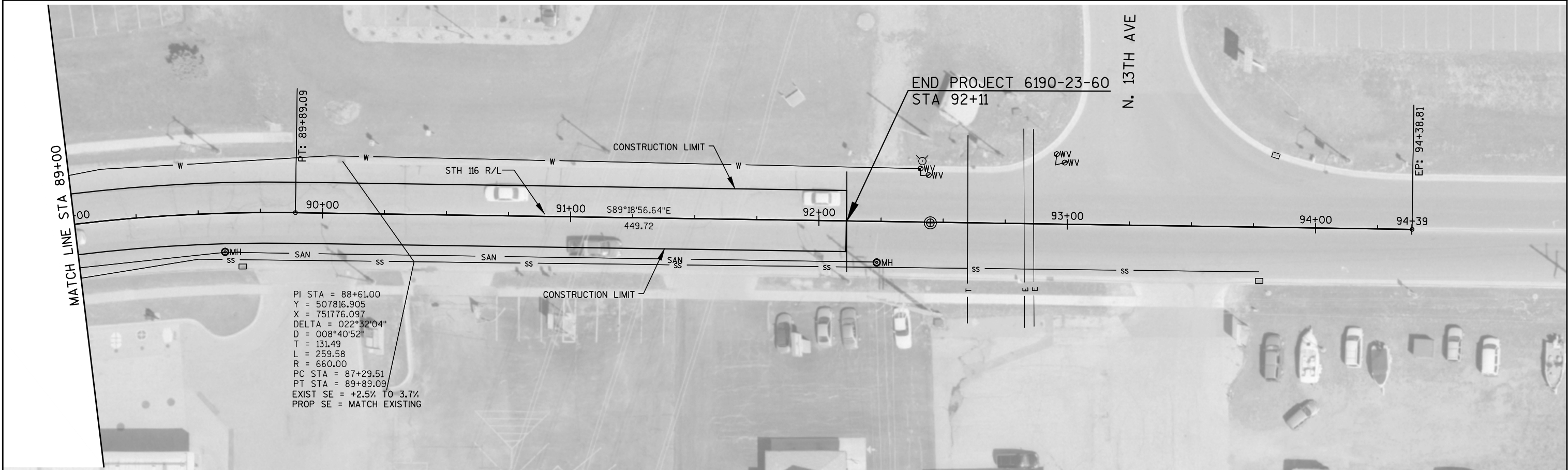




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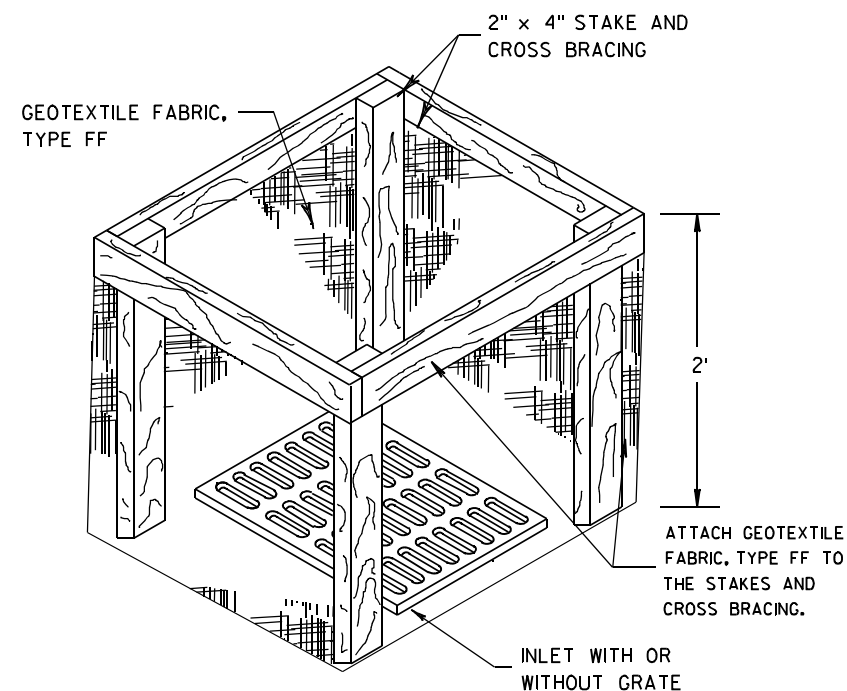
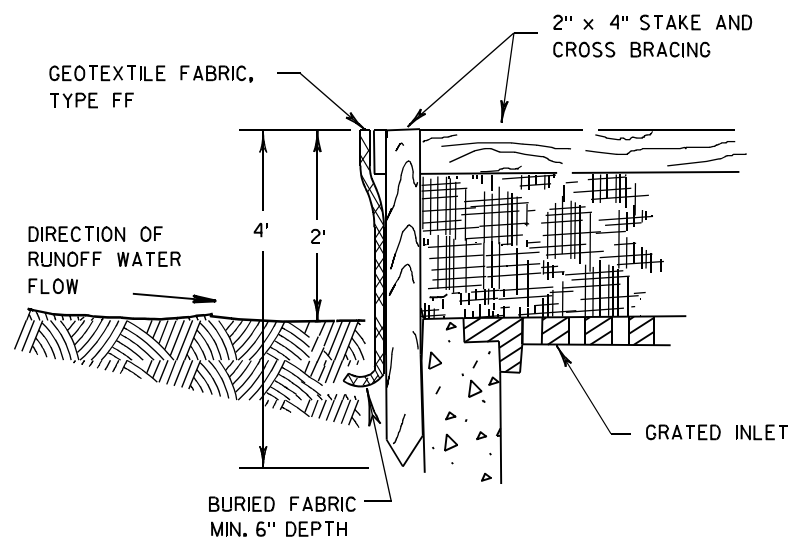
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PROJECT NO: 6190-23-60	HWY: STH 116	COUNTY: WINNEBAGO	PLAN: STH 116	SHEET	E
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Standard Detail Drawing List

08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C04-01	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M. P. H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-01	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M. P. H. OR LESS
15C08-15A	PAVEMENT MARKING (MAINLINE)
15C08-15B	PAVEMENT MARKING (INTERSECTIONS)
15C08-15F	PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)
15C12-03	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-01A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY



**INLET PROTECTION, TYPE A**

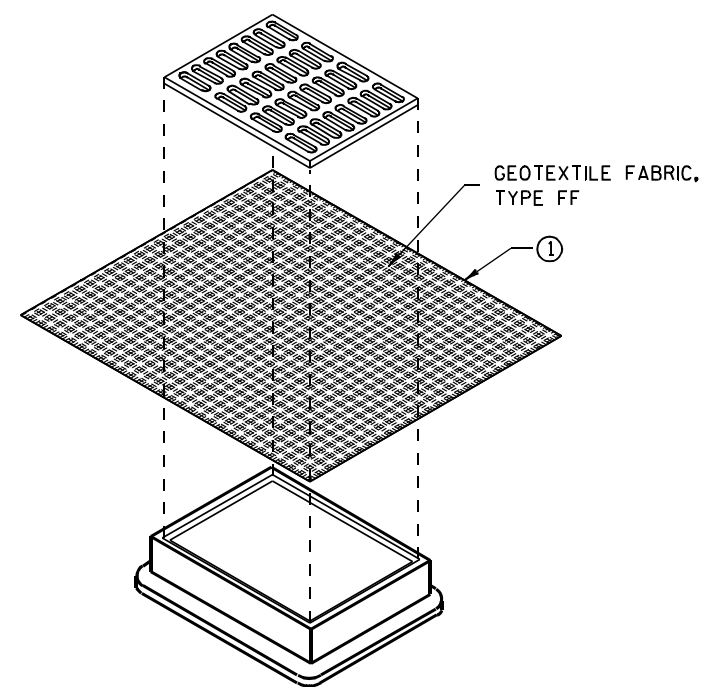
**GENERAL NOTES**

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.

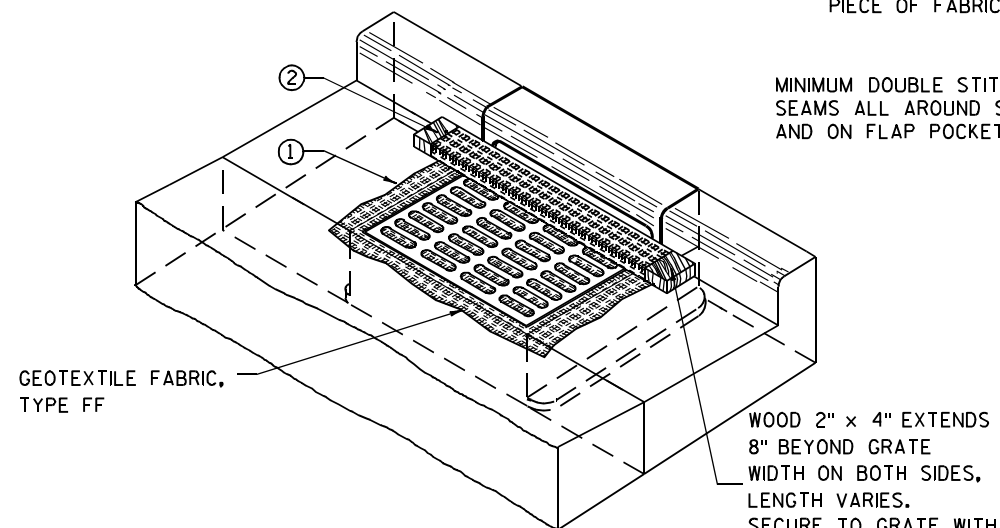
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- 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.



**INLET PROTECTION, TYPE B  
(WITHOUT CURB BOX)**

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



**INLET PROTECTION, TYPE C (WITH CURB BOX)**

**INSTALLATION NOTES**

**TYPE B & C**

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

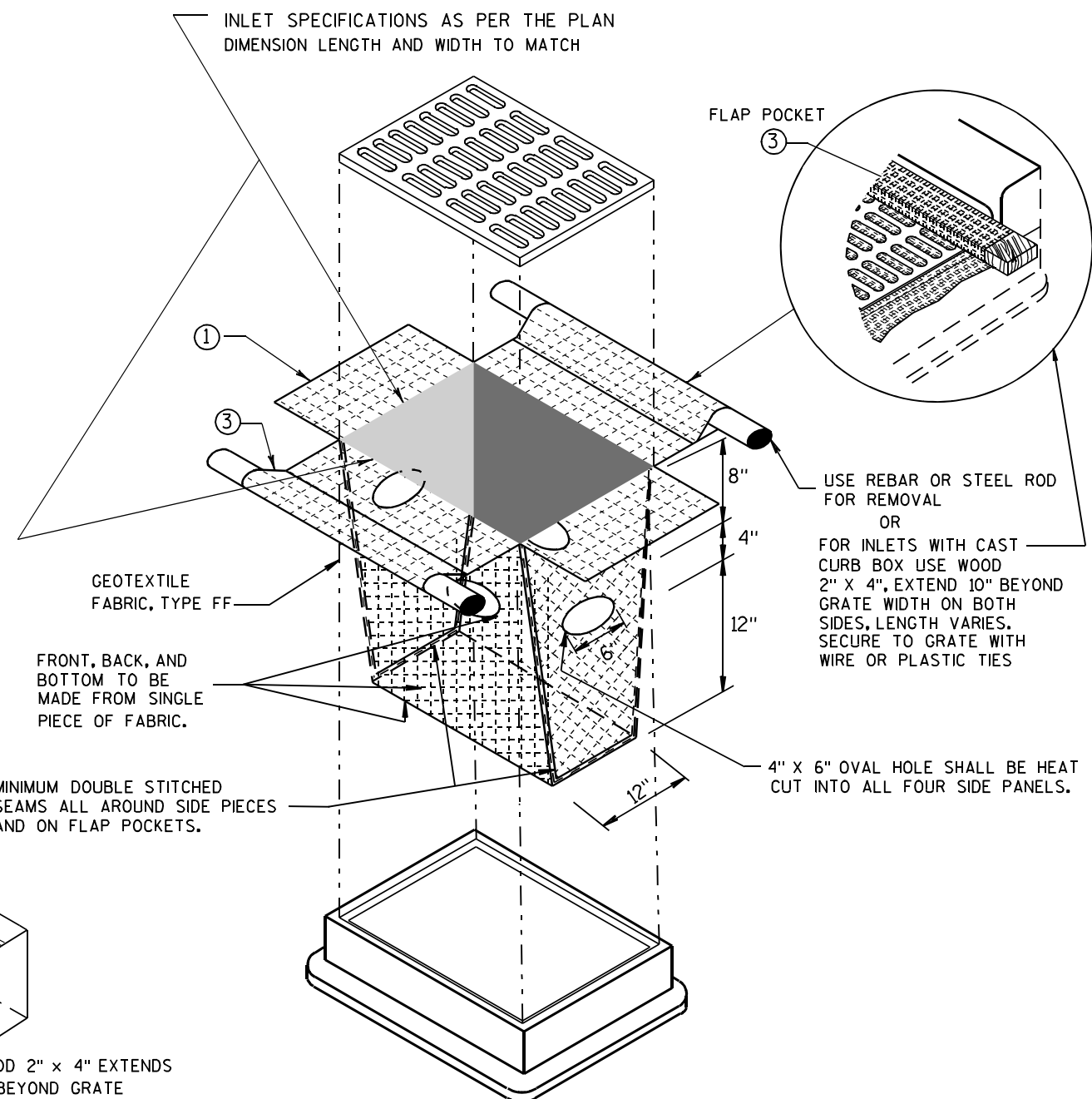
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

**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.

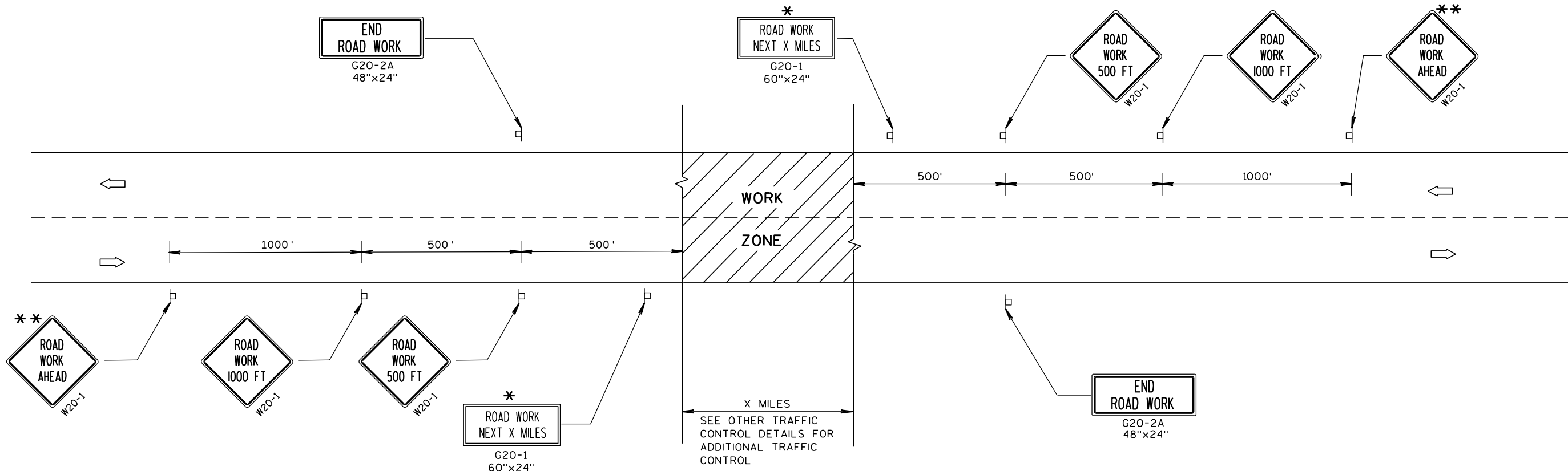
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE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



**INLET PROTECTION, TYPE D**

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

<b>INLET PROTECTION TYPE A, B, C, AND D</b>	
<b>STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION</b>	
APPROVED 10/16/02 DATE	/S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA	



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

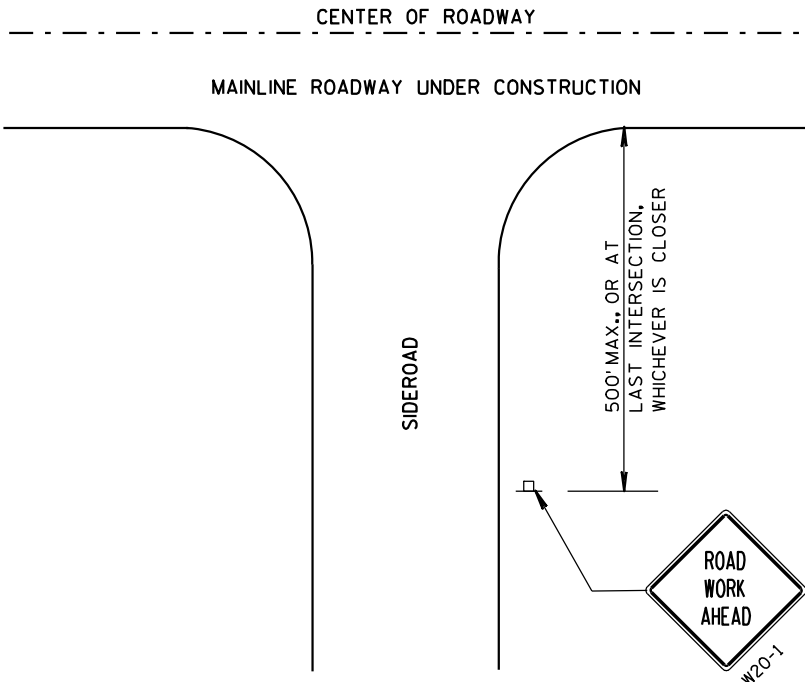
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 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 RE-ESTABLISHED.

- \* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- \*\* PLACE ADDITIONAL W20-1 "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA OR SIGNING.

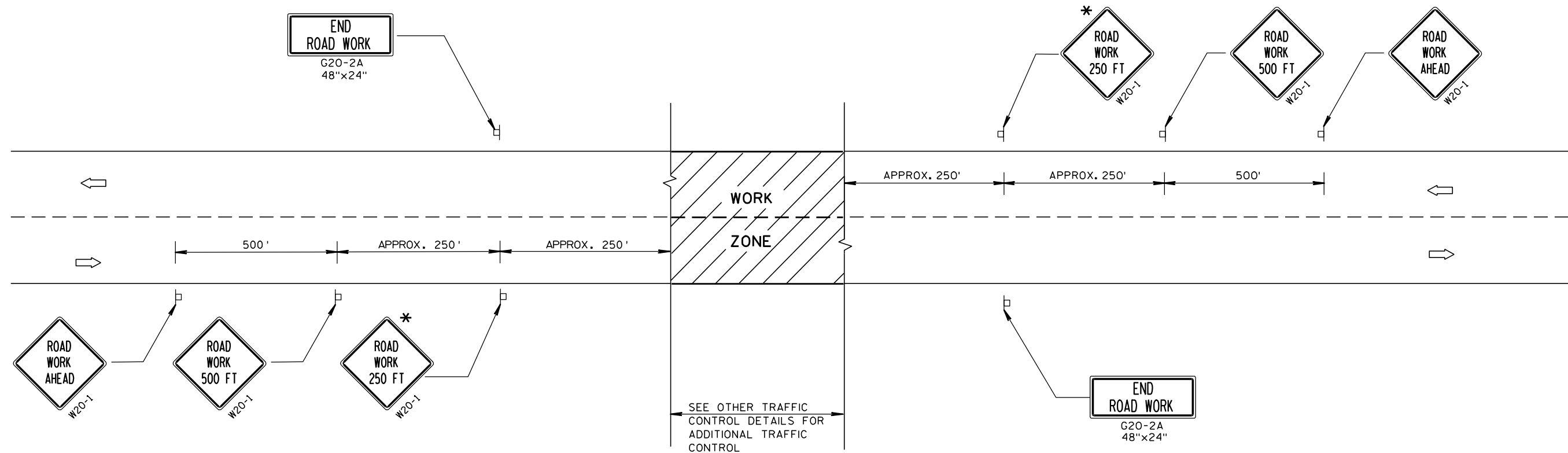


LEGEND

- POST MOUNTED SIGN
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5/23/00 DATE	/S/ Chester J. Spang CHIEF SIGNS AND MARKING ENGINEER
FHWA	





TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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

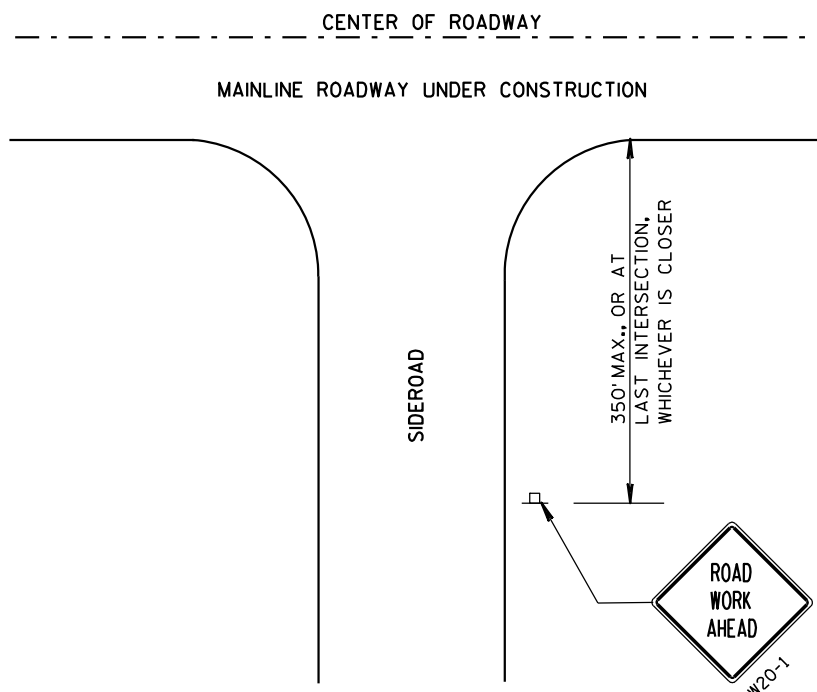
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS, IF APPROVED BY DISTRICT TRAFFIC UNIT.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 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 RE-ESTABLISHED.

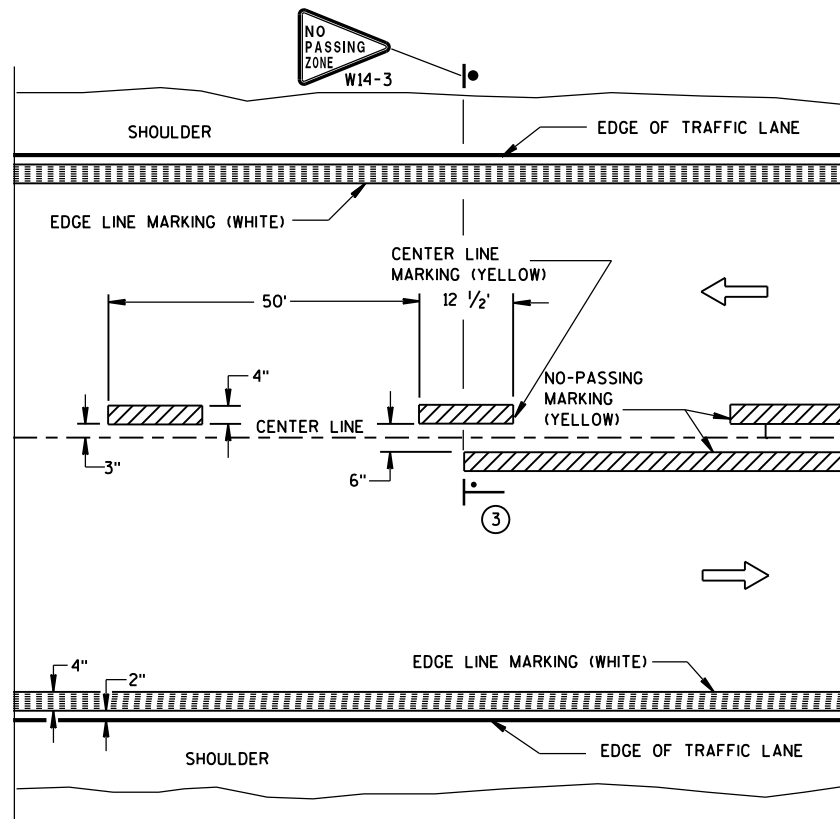
\* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



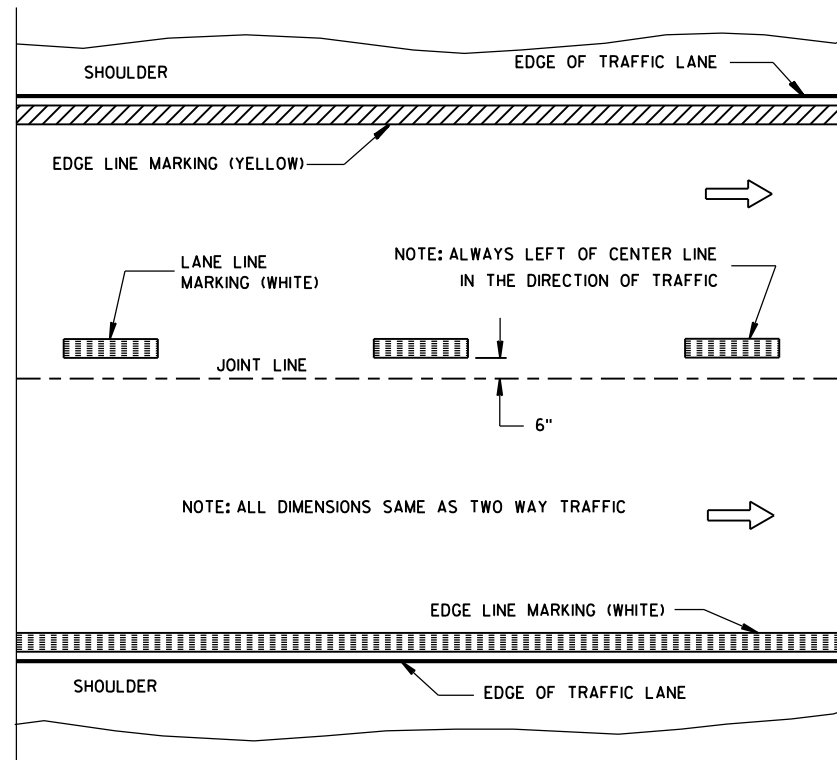
LEGEND

- POST MOUNTED SIGN
- ➡ DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5/23/00 DATE	/S/ Chester J. Spang CHIEF SIGNS AND MARKING ENGINEER
FHWA	

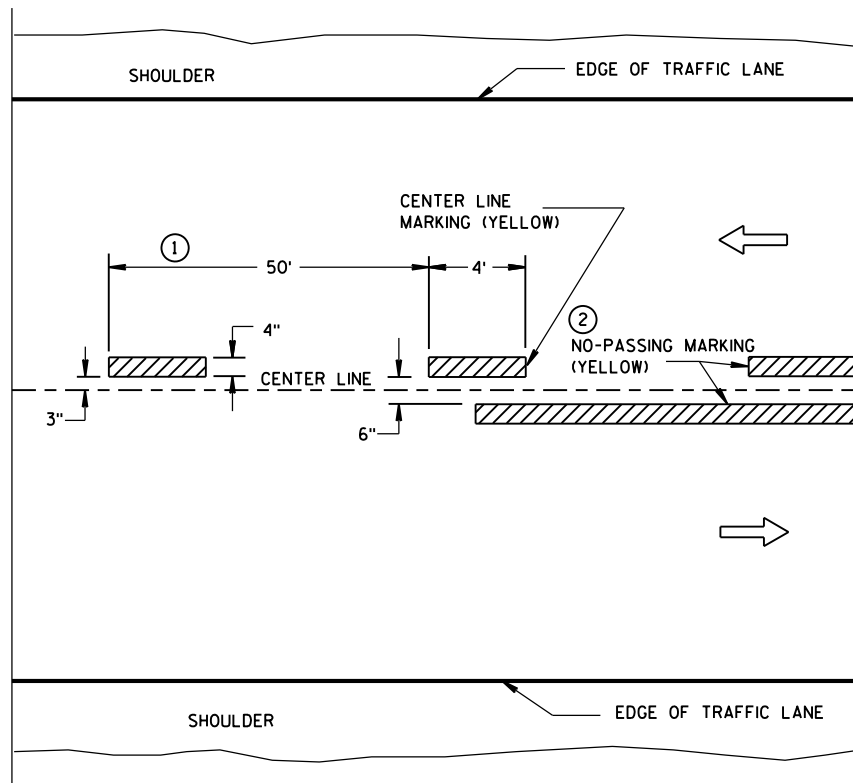


TWO WAY TRAFFIC

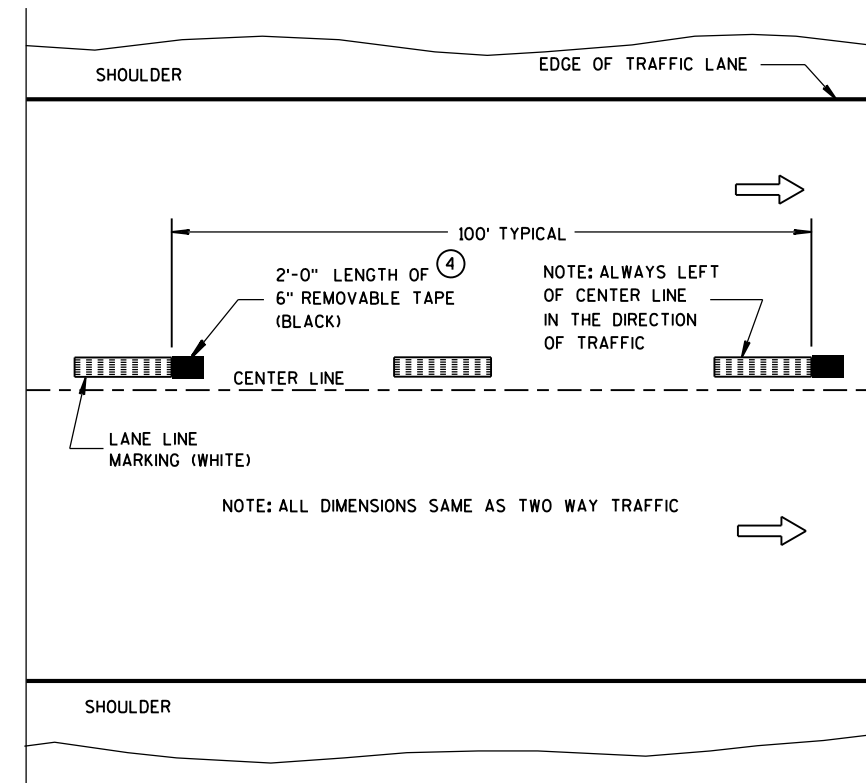


ONE WAY TRAFFIC

## PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

**TEMPORARY (INTERMEDIATE) PAVEMENT MARKING**  
(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

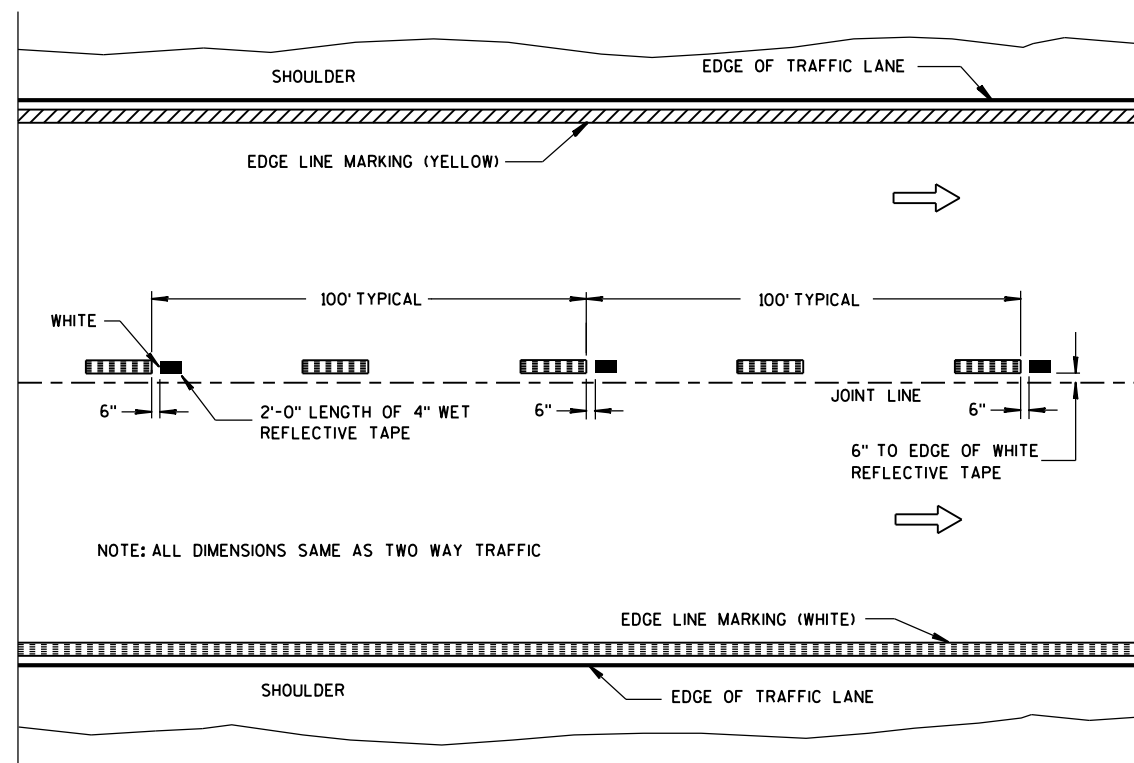
## GENERAL NOTES

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

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

## NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL



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

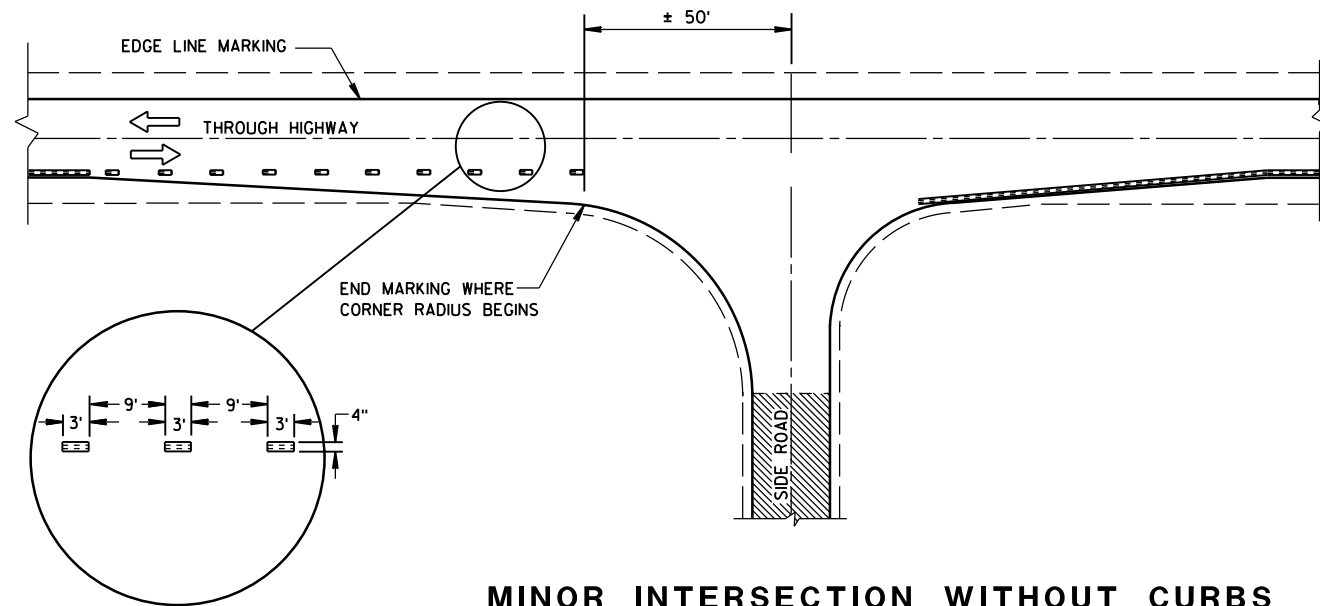
## LEGEND

- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING  
(MAINLINE)

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

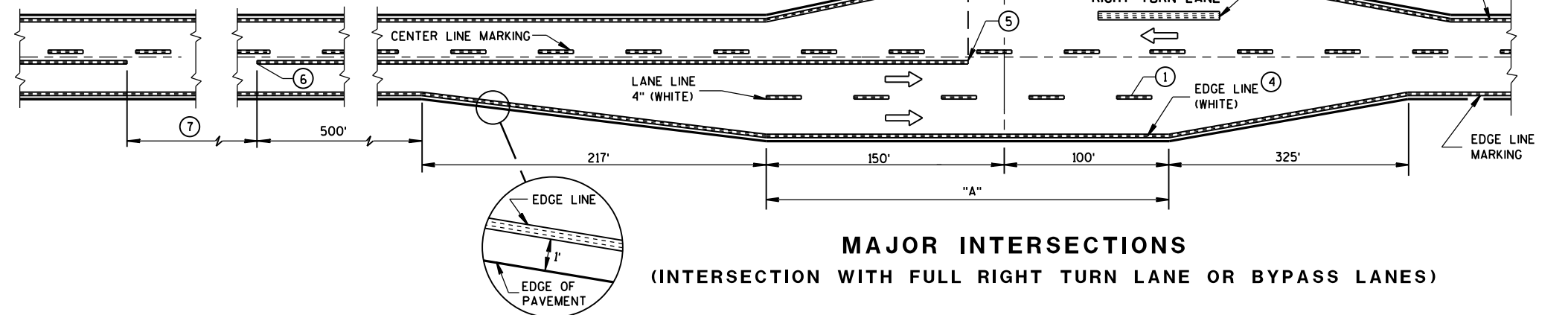
APPROVED  
10-1-2012 /S/ Travis Feltes  
DATE STATE TRAFFIC ENGINEER OF DESIGN  
FHWA



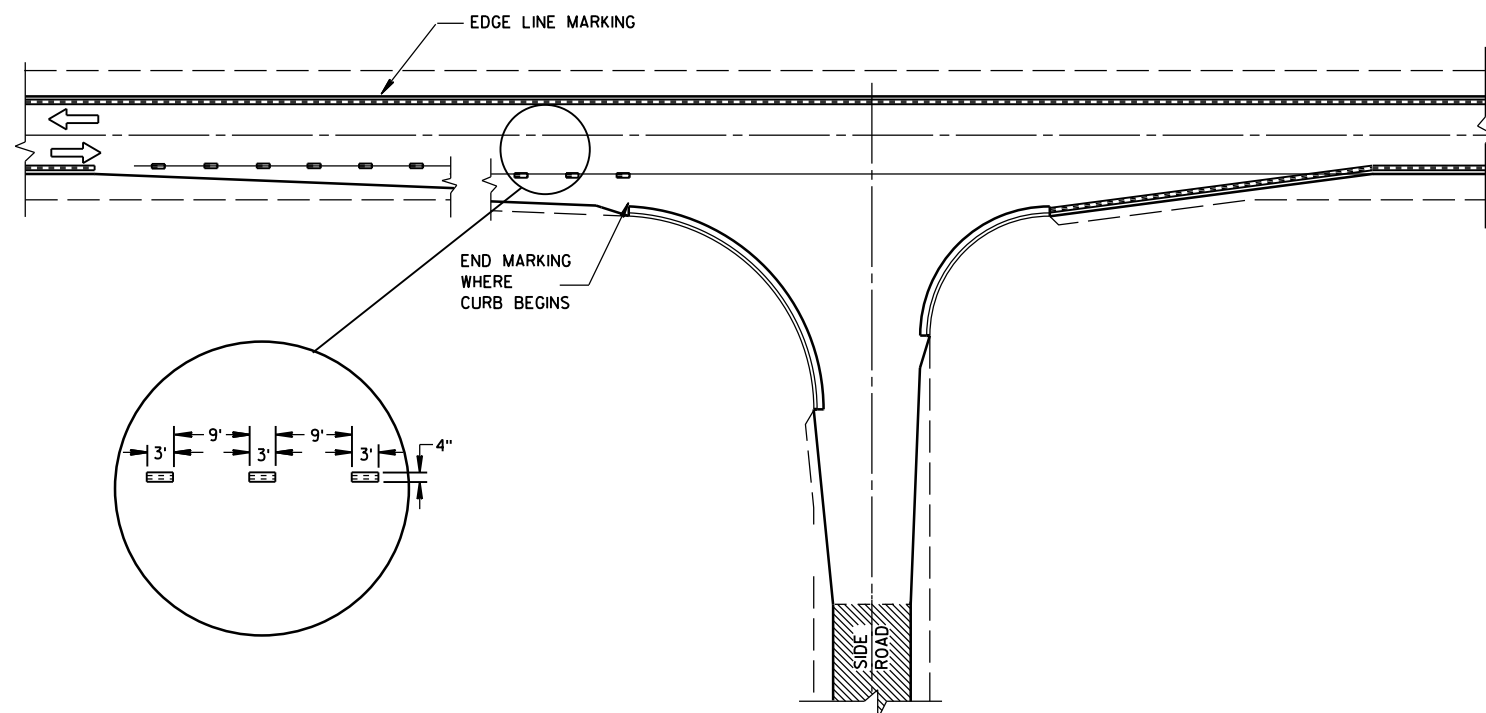
**MINOR INTERSECTION WITHOUT CURBS**

⑦

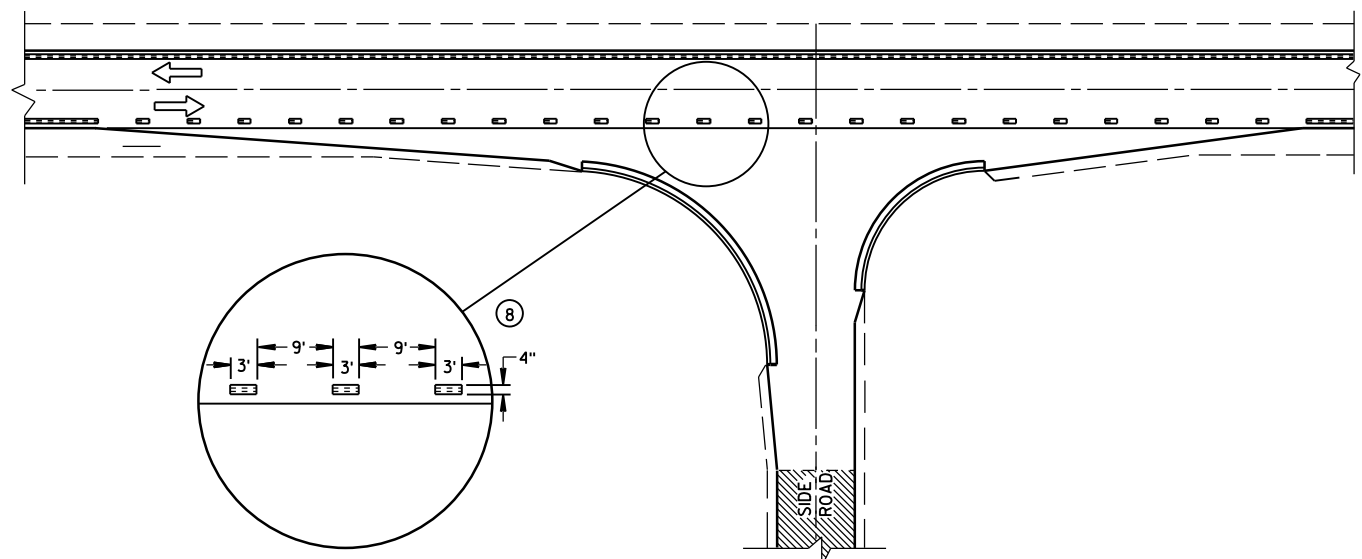
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



**MAJOR INTERSECTIONS**  
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



**MINOR INTERSECTION WITH CURBS**  
(TYPICAL MARKING)



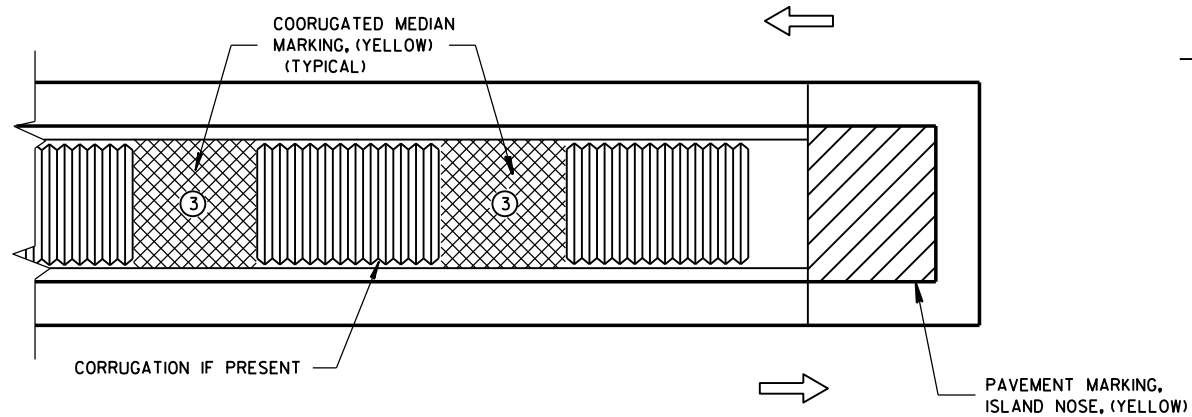
**MINOR INTERSECTION WITH CURBS**  
③ (FOR SPECIAL CONDITIONS AS SPECIFIED)

## GENERAL NOTES

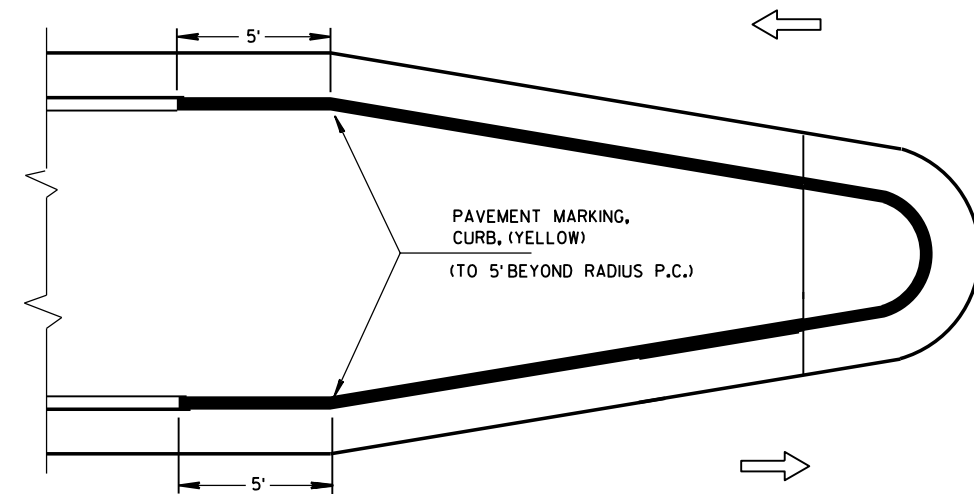
- EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.
- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
  - ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
  - ③ ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
  - ④ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
  - ⑤ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.
  - ⑥ BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
  - ⑦ IF THE DISTANCE BETWEEN 2 SUCCESSIVE NO-PASSING ZONES IS LESS THAN THE MINIMUM DISTANCE BETWEEN ZONES, CONNECT THE 2 ZONES.
  - ⑧ 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.
- ARROW SYMBOL ( → ) SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING  
(INTERSECTIONS)

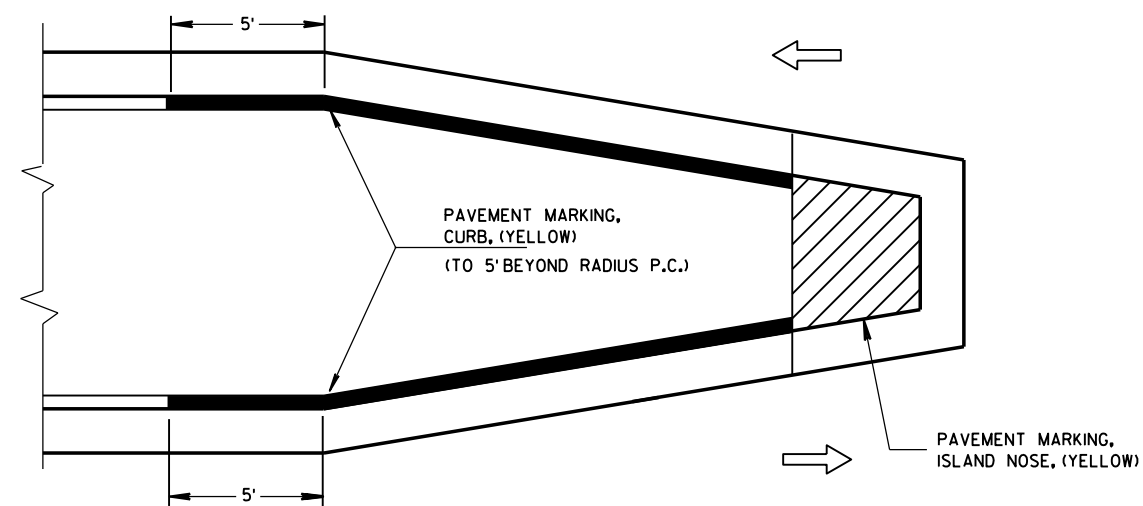
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION



**MEDIAN ISLAND WITH SQUARE BLUNT NOSE**

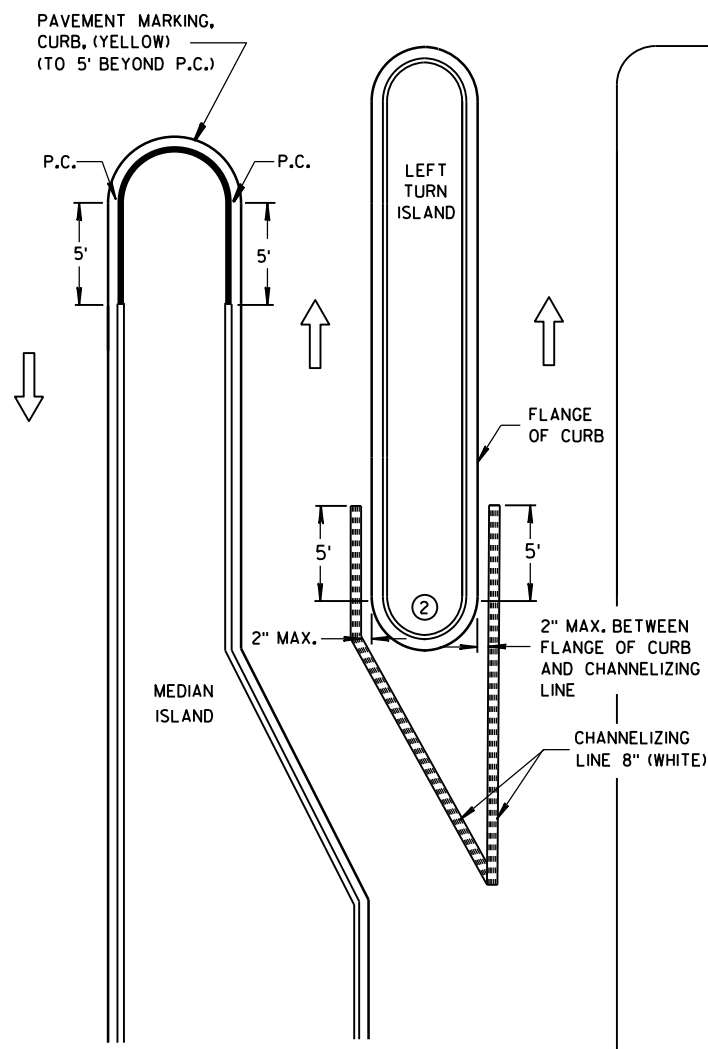


**MEDIAN ISLAND WITH ROUND BLUNT NOSE**



**MEDIAN ISLAND WITH SLOPED NOSE**

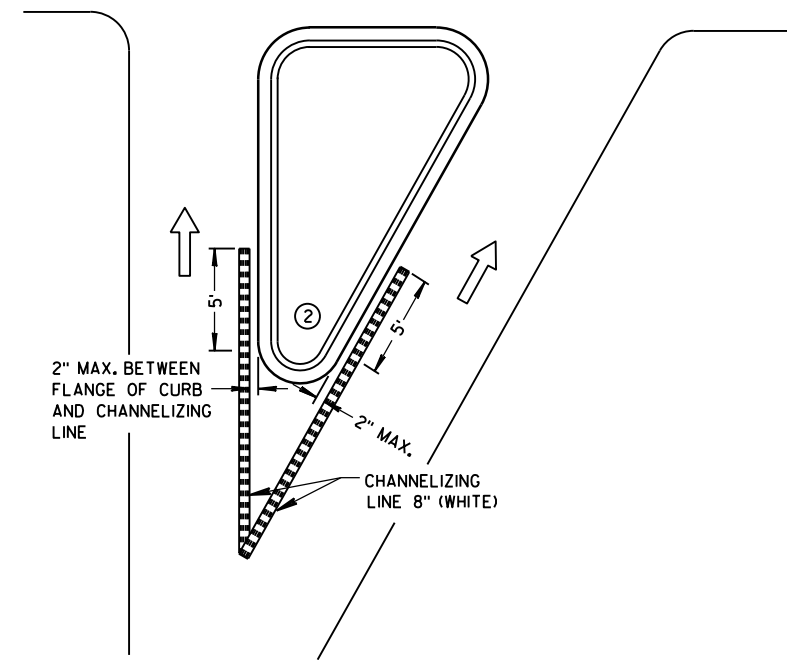
**TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS**



**LEFT TURN & MEDIAN ISLAND**

**GENERAL NOTES**

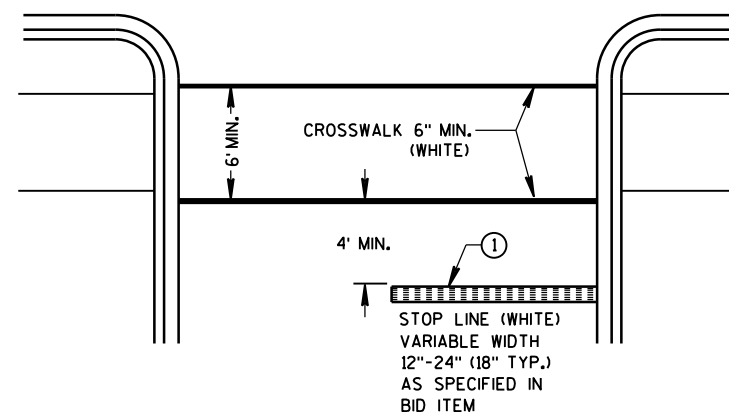
- ① STOP LINE IS REQUIRED ONLY WHEN SPECIFIED IN THE CONTRACT.
- ② DO NOT MARK CURB NOSES THAT SEPARATE LANES OF TRAFFIC TRAVELING IN THE SAME DIRECTION.
- ③ WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



**RIGHT TURN ISLAND**

**LEGEND**

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




**STOP LINE AND CROSSWALK**


**PAVEMENT MARKING (ISLANDS, STOP LINE & CROSS WALK)**


STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

TWO-LANE ROADWAY

SYMBOLS

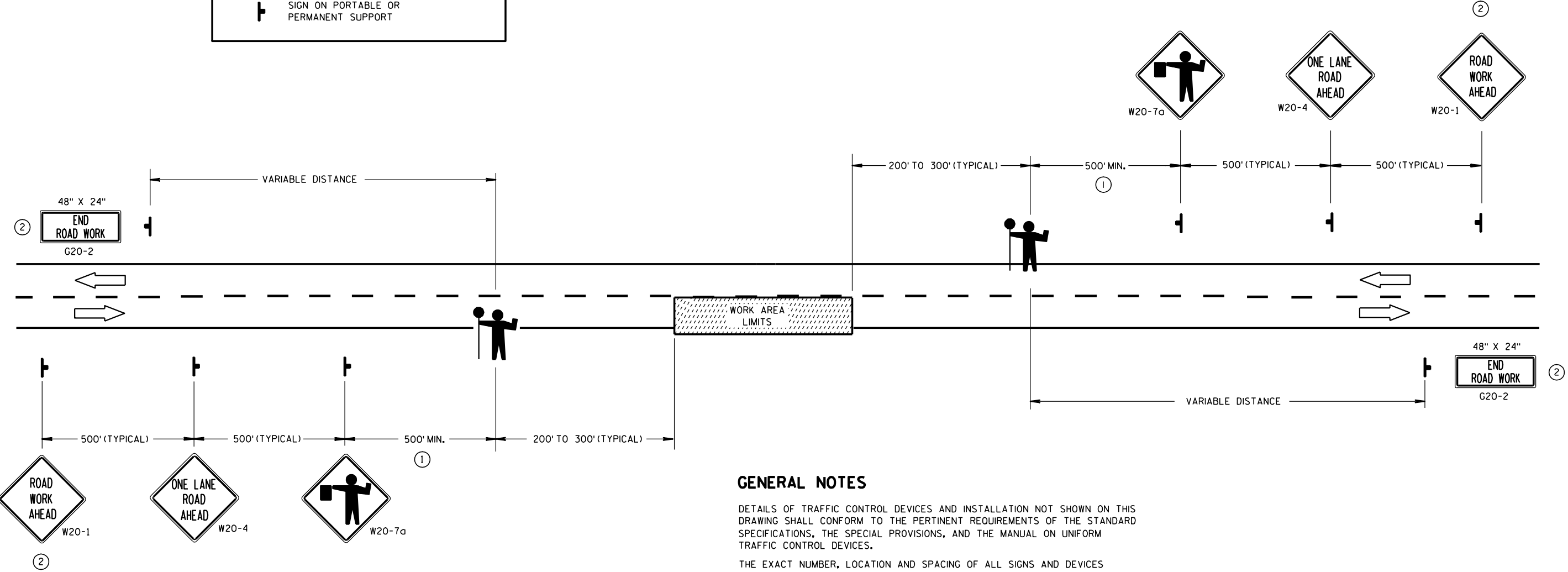
WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN ON PORTABLE OR PERMANENT SUPPORT



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



GENERAL NOTES

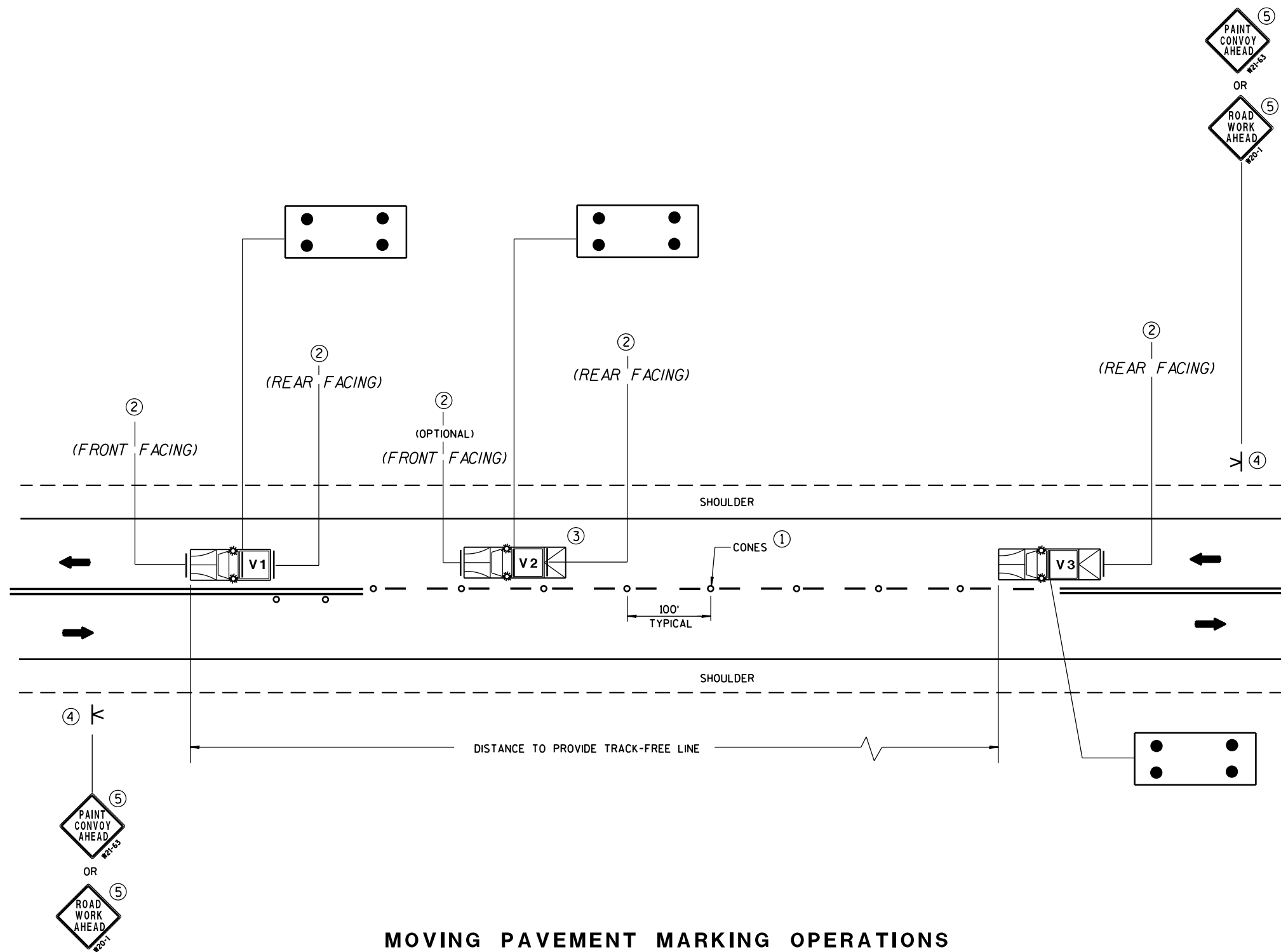
- DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE 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.
- 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, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED AND THE HIGHWAY RESTORED TO NORMAL OPERATION.
- ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT 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.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED  
9/5/06 /S/ Thomas N. Notbohm  
DATE STATE TRAFFIC ENGINEER OF DESIGN  
FHWA



## MOVING PAVEMENT MARKING OPERATIONS TWO-LANE TWO-WAY ROADWAY

### 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.

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.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

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 OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

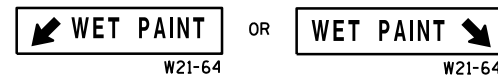
THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

① CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

② USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.



③ OPTIONAL TRUCK-MOUNTED ATTENUATOR.

④ SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

⑤ IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

### MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

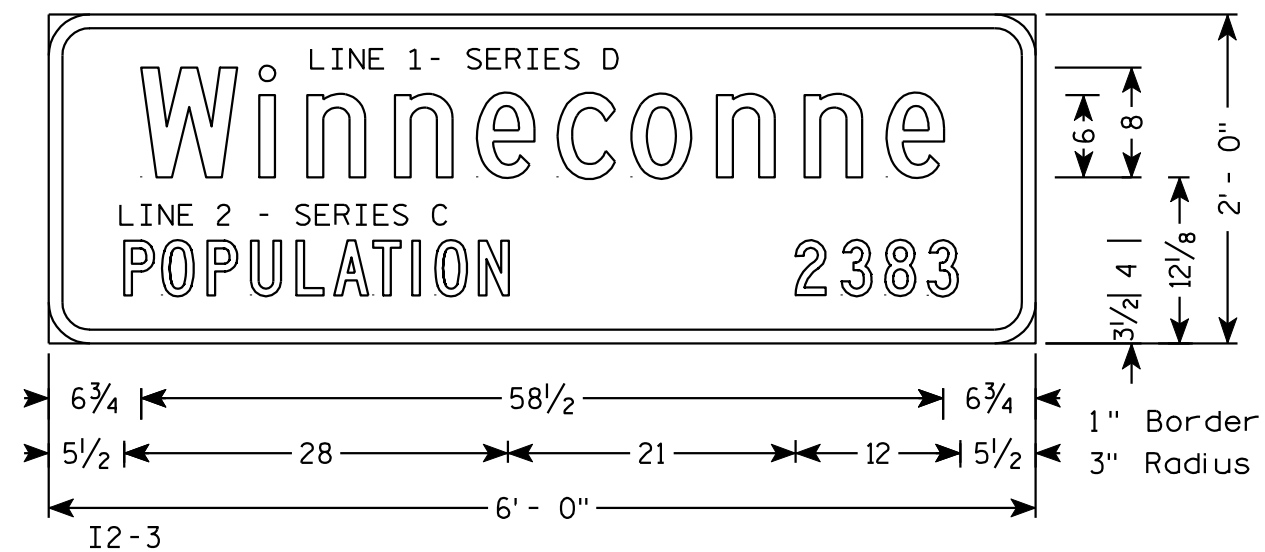
STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED

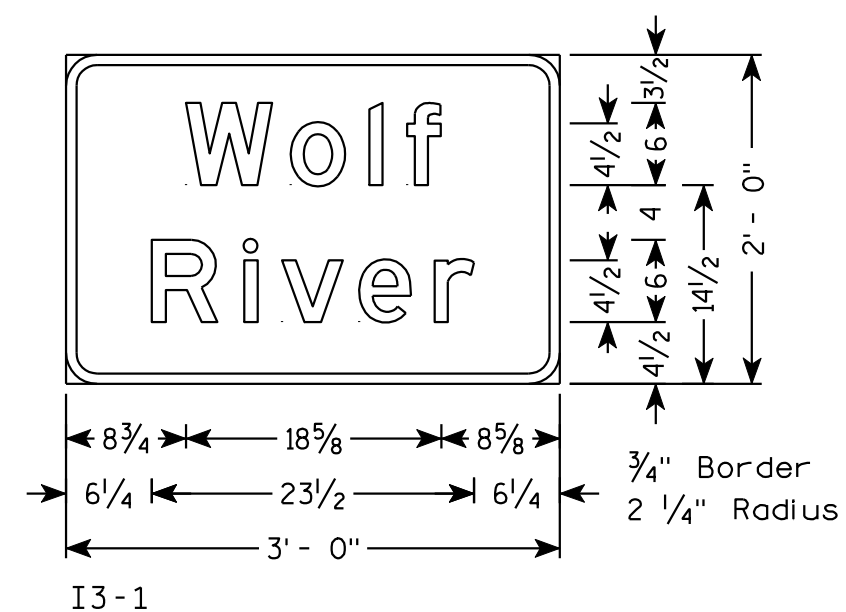
12/6/2011  
DATE

FHWA

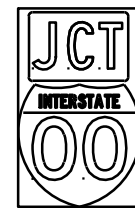
/S/ Thomas N. Notbohm  
STATE TRAFFIC ENGINEER OF DESIGN



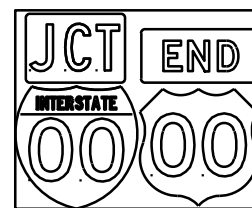
- ### NOTES
1. All Signs Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
  2. Color:
    - Background - GREEN
    - Message - WHITE
  3. Message Series - E except as Shown



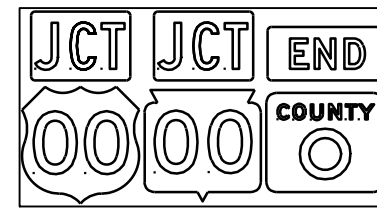
# TYPICAL ASSEMBLIES



J1-1



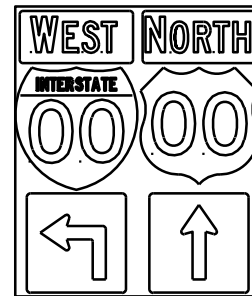
J1-2



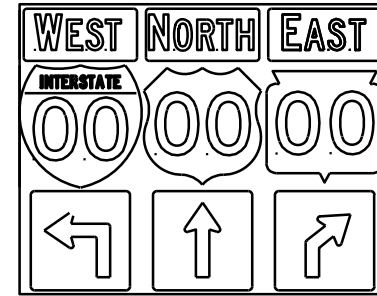
J1-3



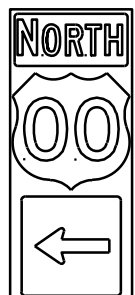
J2-1



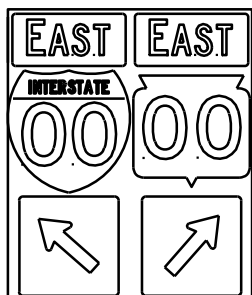
J2-2



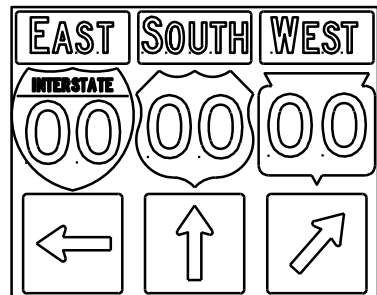
J2-3



J3-1



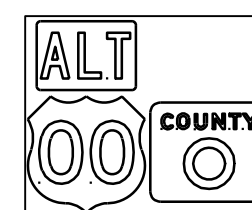
J3-2



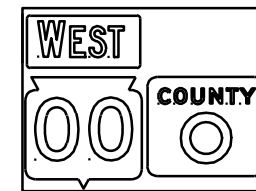
J3-3



J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



J23-1



J22-1

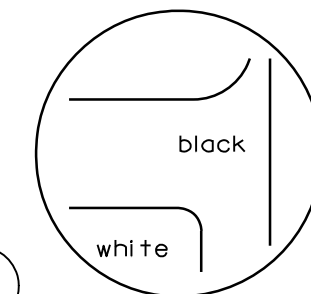
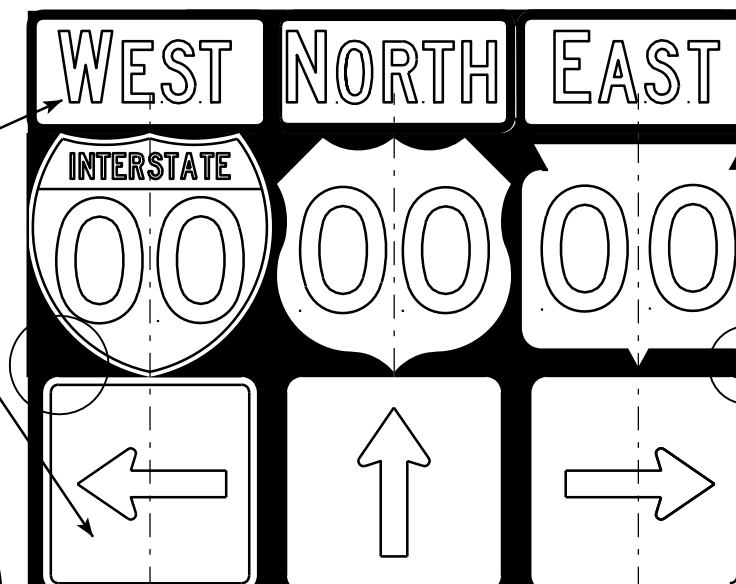
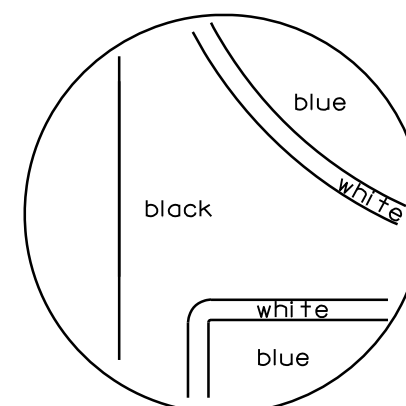


JV

## NOTES

- Signs are Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:  
Background - Black Non-reflective  
Message - see Note 5
- Message Series - See Note 5
- Corners shall be square since base material is plywood.
- The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
- 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.
- 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.
- 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.
- Route assemblies that have 36 inch shields and have dimensions greater than 48 inches (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.

blue background with interstate



black background

ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 10/21/09	PLATE NO. A2-1S.6

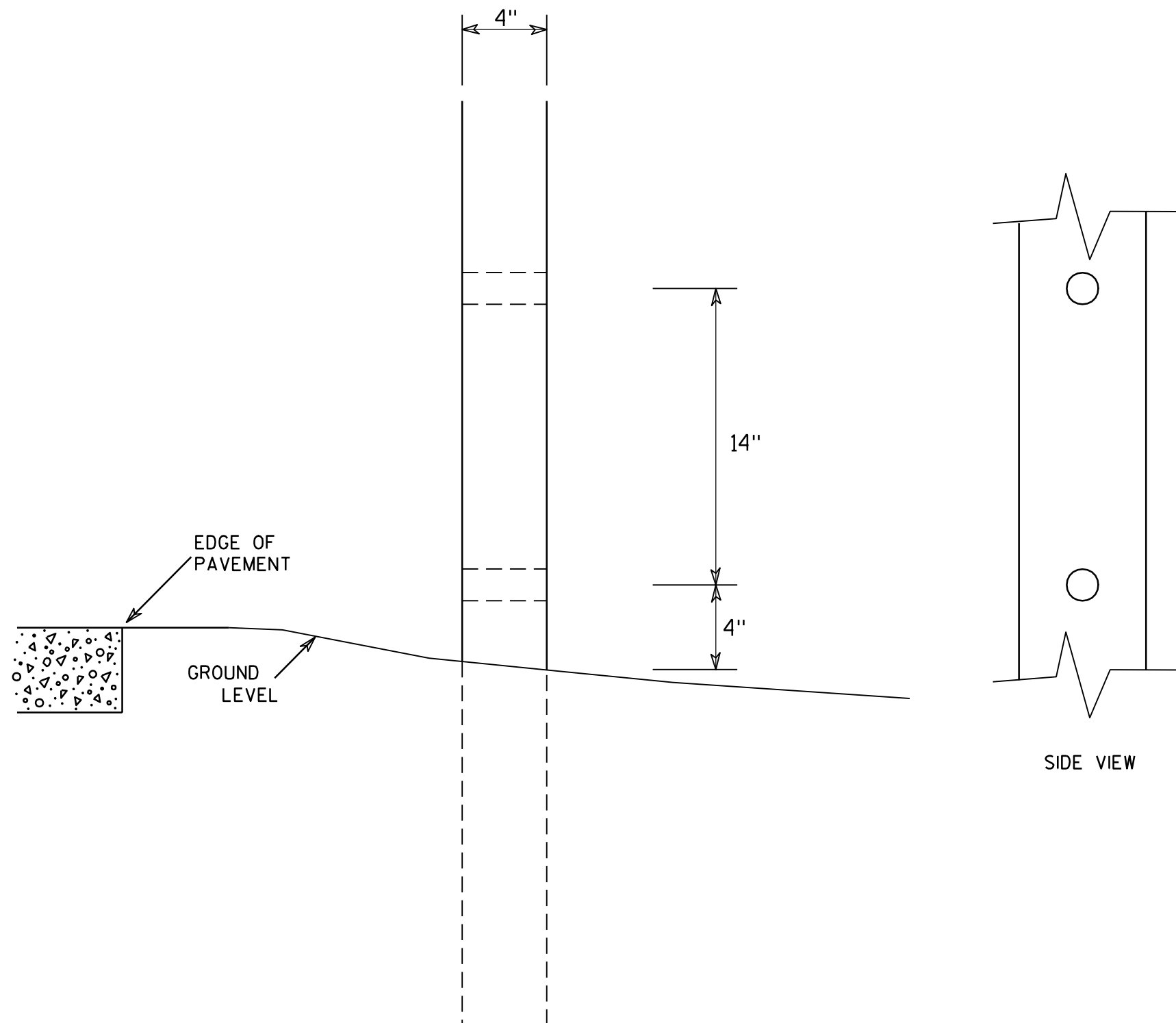
PROJECT NO:

SHEET NO:

E



7



### GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

### 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:

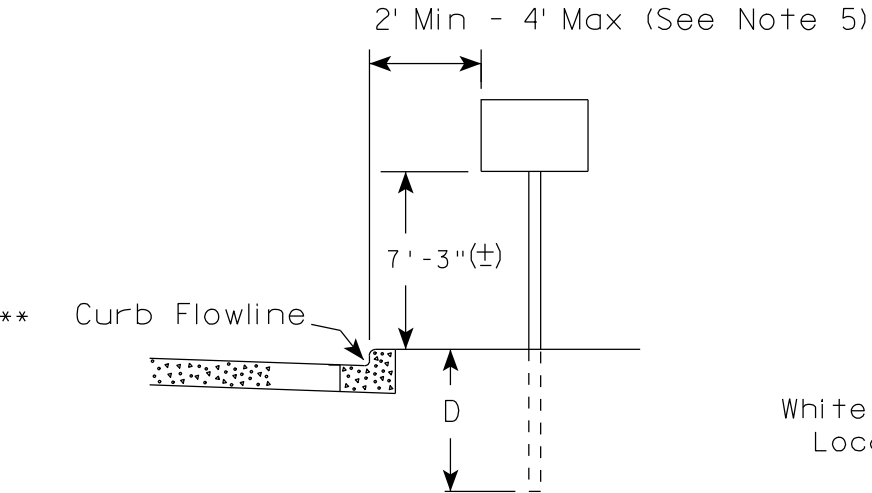
HWY:

COUNTY:

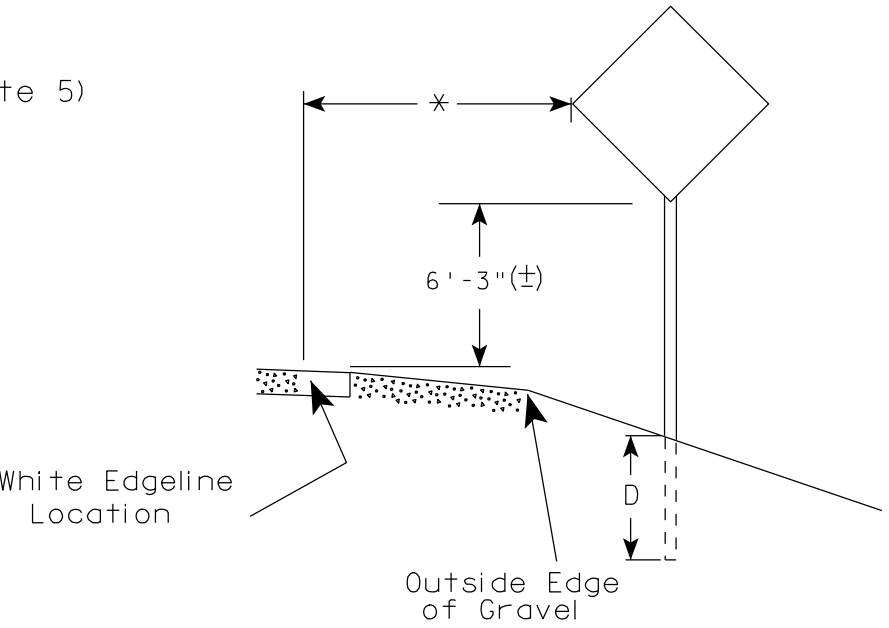
SHEET NO:

E

URBAN AREA



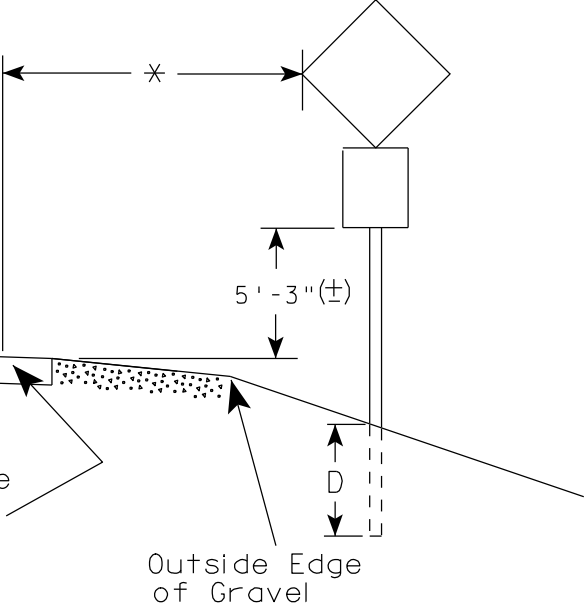
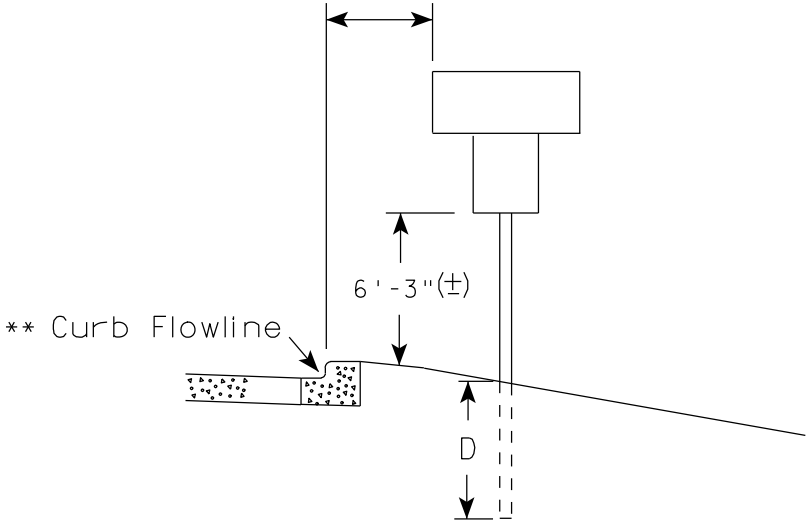
RURAL AREA (See Note 2)



GENERAL NOTES

1. Signs wider than 4 feet or larger than 20 sq. ft. shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
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 J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the Engineer.
9. 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) & End of Road Markers (W5-56 & W5-56A) shall be mounted at a height of 4'-3" (±).

2' Min - 4' Max (See Note 5)



POST EMBEDMENT DEPTH

Area of Sign Installation ( Sq. Ft. )	D ( Min )
20 or Less	4'
Greater than 20	5'

\* \* 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.

TYPICAL INSTALLATION  
OF PERMANENT TYPE II  
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 9/21/2011 PLATE NO. A4-3.16

# GENERAL NOTES

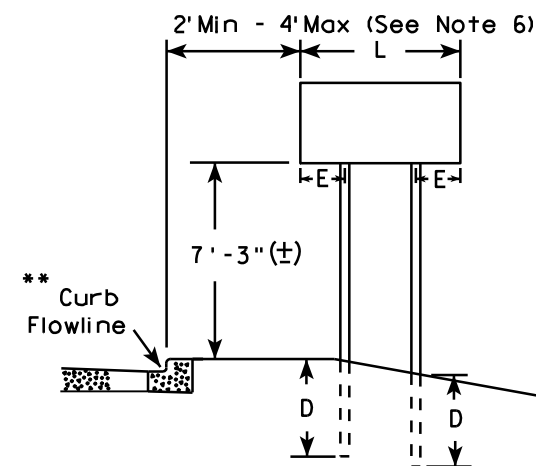
- For multiple post installations, individual post spacing shall be greater than 3'-6".
- See tables below for required number of posts.
- For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
- The (±) tolerance for mounting height is 3 inches.
- Minimum mounting height for J assemblies (A4-5) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
- Offset distance shall be consistent with existing signs or consistent throughout length of project.
- Folding stop signs (R1-1F) shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
- 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) & End of Road Markers (W5-56 & W5-56A) 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.

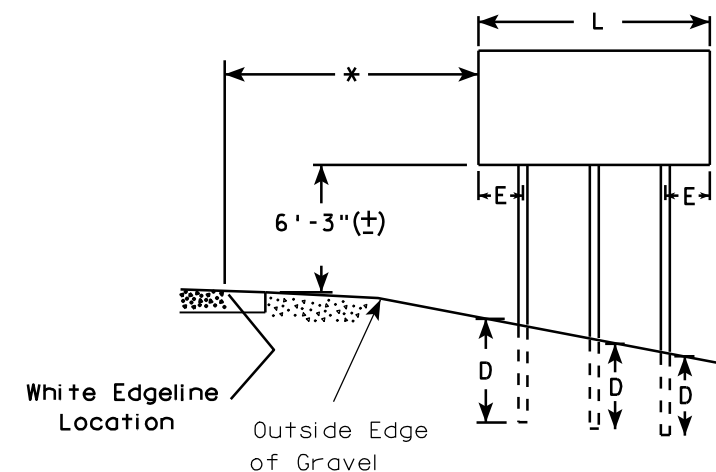
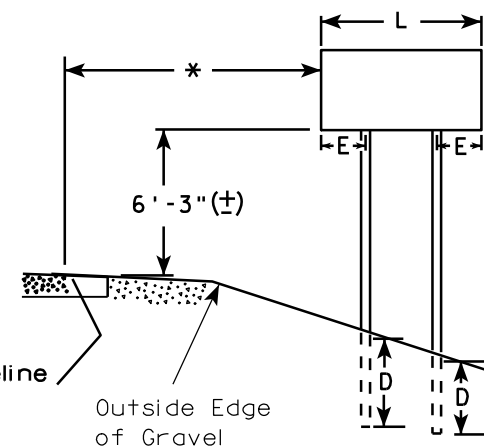
\*\* The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of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

\*\*\* See A4-3 sign plate for signs 4' or less in width or 20 S.F. or less in area.

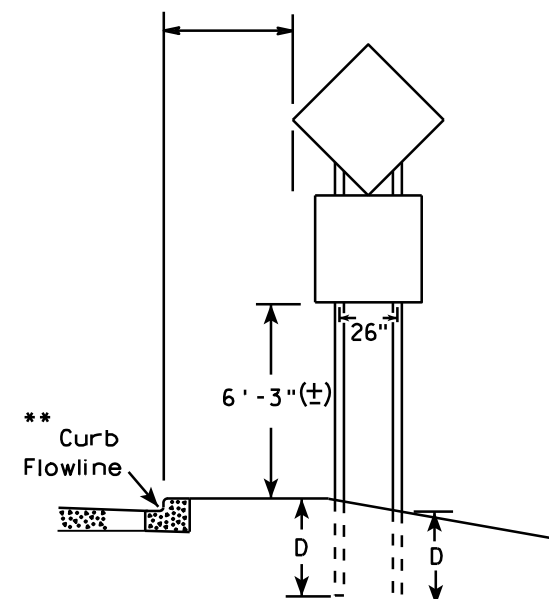
## URBAN AREA



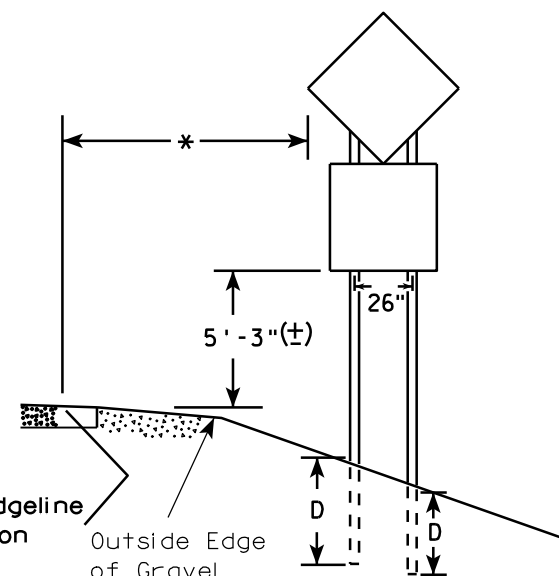
## RURAL AREA (See Note 3)



2' Min - 4' Max (See Note 6)



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 120"	L/5

### SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)

L	E
Greater than 120" less than 168"	12"

### SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)

L	E
168" and greater	12"

### 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 9/21/2011 PLATE NO. A4-4.11

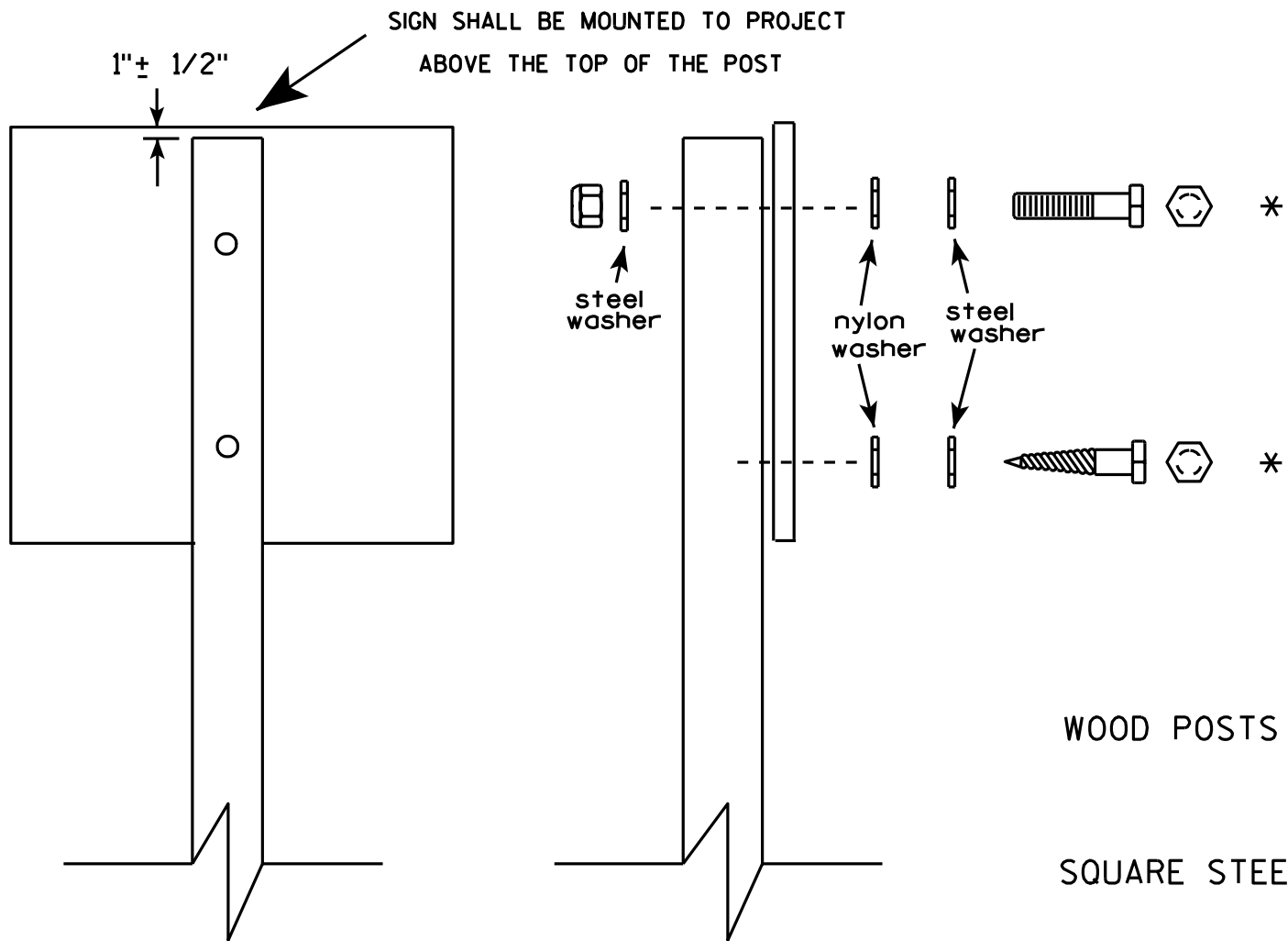
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

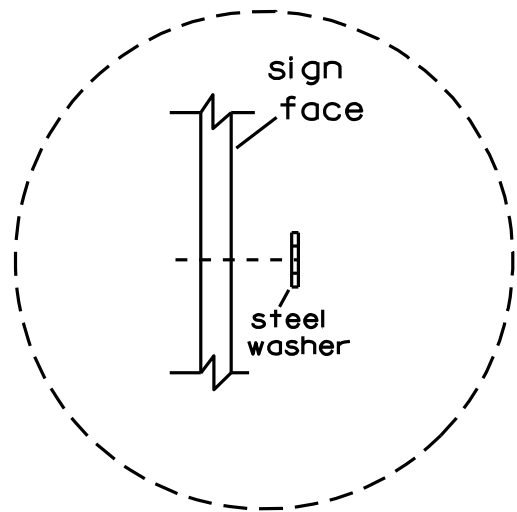


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

- 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.

- WOOD POSTS (4" x 4" or 4" x 6")
- LAG SCREWS -  $\frac{3}{8}$ " X 3"
- MACHINE BOLTS -  $\frac{5}{16}$ " X 6-1/2" or 7" Length w/ nuts
- SQUARE STEEL POSTS (2" x 2")
- MACHINE BOLTS -  $\frac{3}{8}$ " X 3-1/4" Length w/ nuts
- RIVETS -  $\frac{9}{32}$ " (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  $\frac{3}{8}$ " I.D. X  $\frac{1}{16}$ " STEEL
- 1-1/4" O.D. X  $\frac{3}{8}$ " I.D. X .080 NYLON for all Type H signs.



Washer Placement when Sign Has Other Than Type H or Type F Face

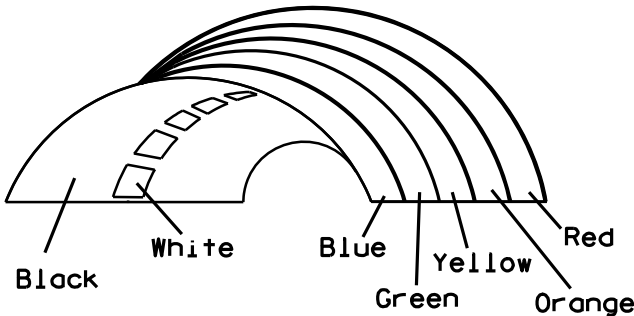
\* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 3/23/10	PLATE NO. A4-8.7



\* VARIES

Background Colors of Symbol\*



\*1/4" Black Border between each color of rainbow and border of rainbow

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White  
Message - (See Note 5)
3. Message Series - (See Note 6)
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. Border - Blue  
Line 1 - Red  
Line 2 - Black  
Line 3-5 - Blue
6. Line 1 - Dutch 8011L  
Line 2 - Series E  
Line 3-5 - Series C
7. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	36	1 1/2	1/2	5/8	3	2	3 1/2	2 7/8	1	8	2 1/8	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2							7.5
3																											
4																											
5																											

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

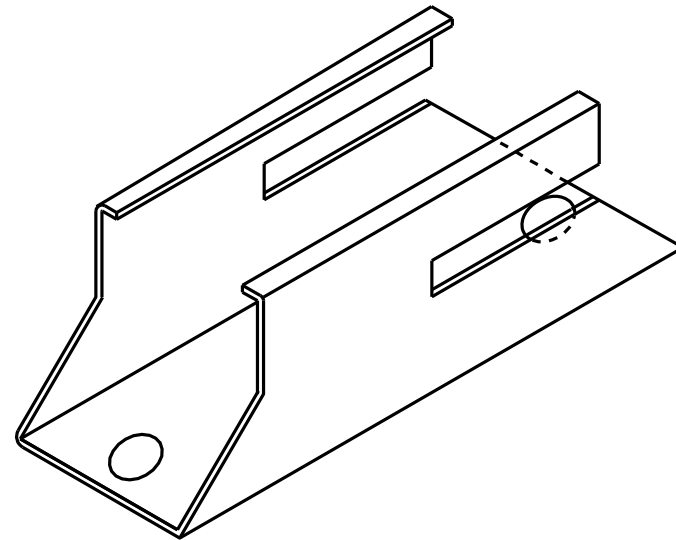
STANDARD SIGN  
I55-56

WISCONSIN DEPT OF TRANSPORTATION

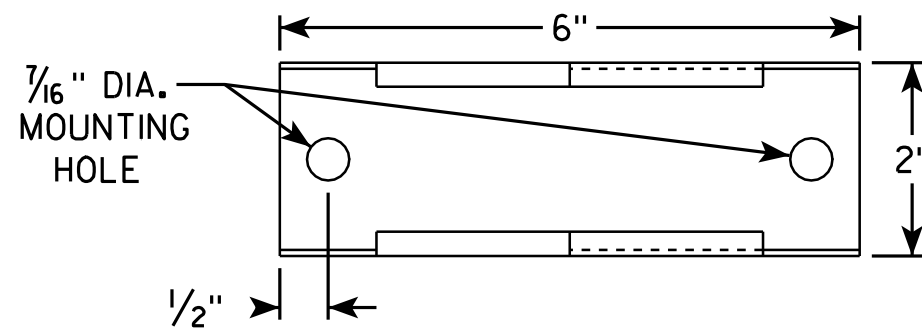
APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

DATE 4/27/11 PLATE NO. I55-56.3

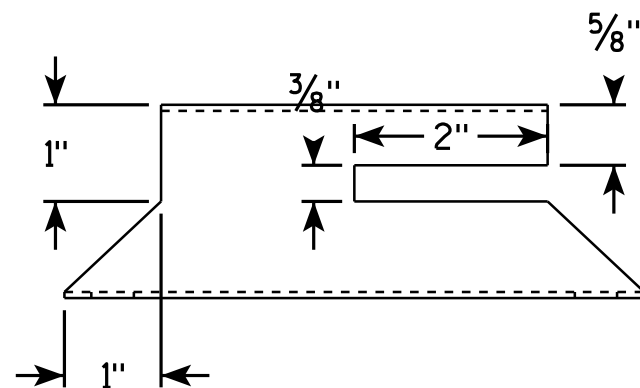
# ISOMETRIC VIEW



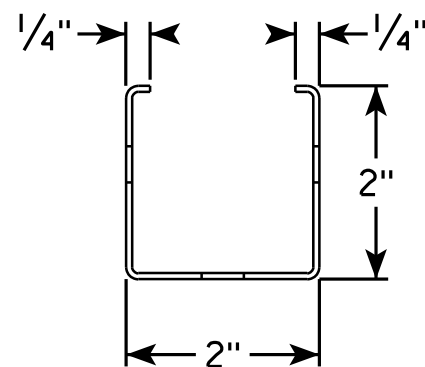
# TOP VIEW



# SIDE VIEW



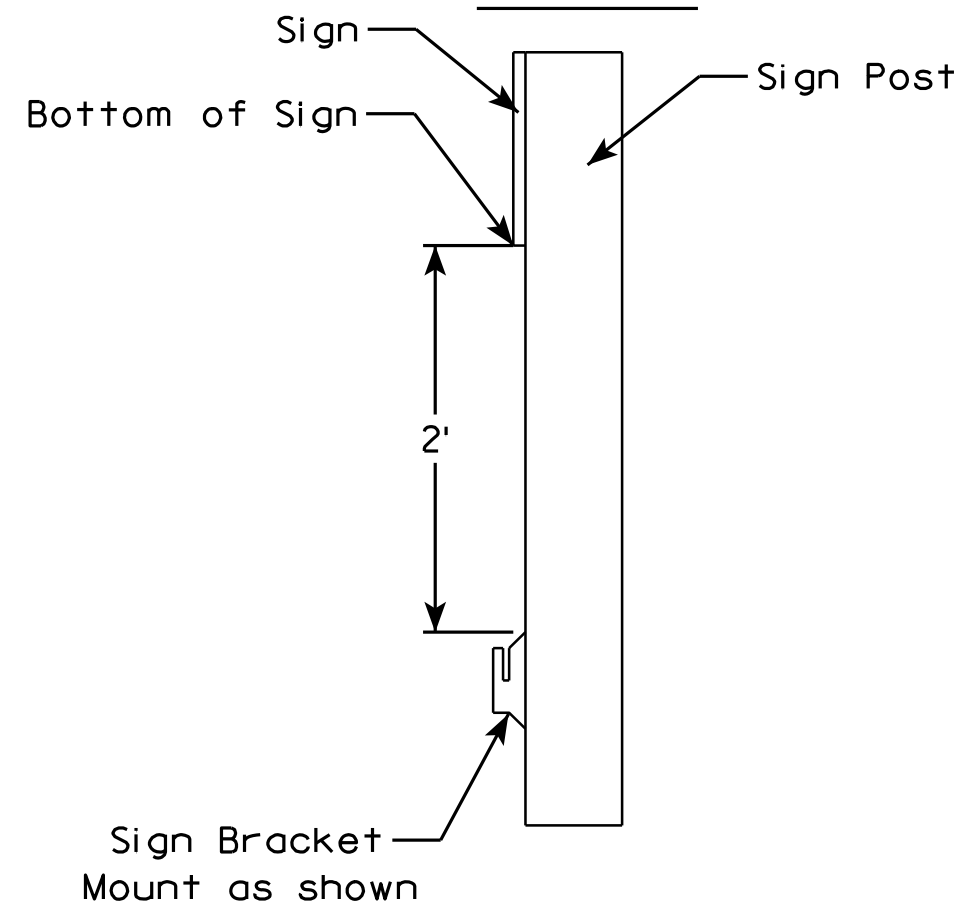
# END VIEW



# NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

# SIDE VIEW



ROLLUP SIGN BRACKET  
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

DATE 2/5/10 PLATE NO. I55-56B.1

PROJECT NO:

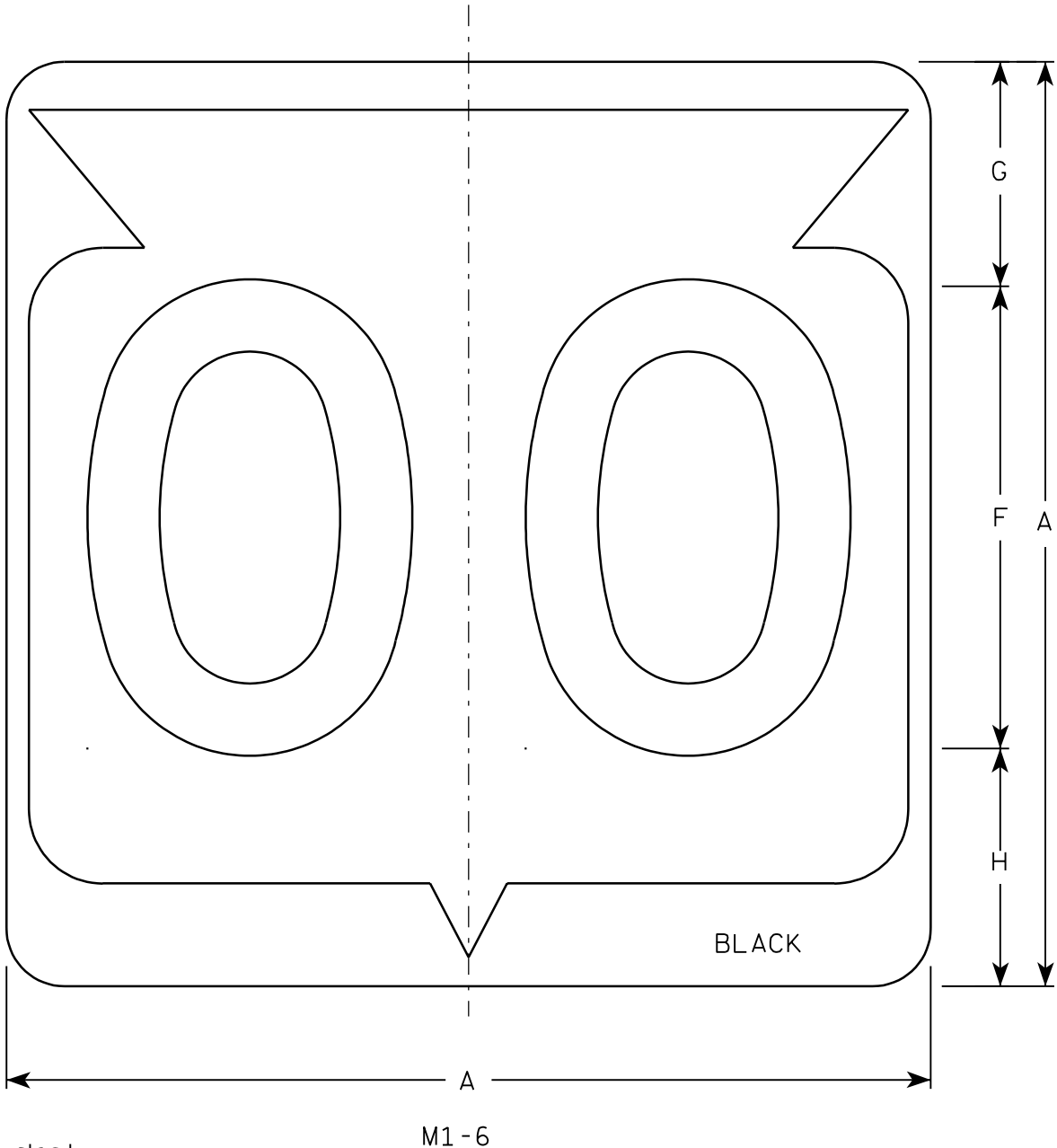
HWY:

COUNTY:

SHEET NO:

E

7



Metric equivalent  
for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	900 mm X 900 mm
4	900 mm X 900 mm
5	900 mm X 900 mm

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m <sup>2</sup>
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	.36
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	.81
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	.81
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	.81

PROJECT NO:

HWY:

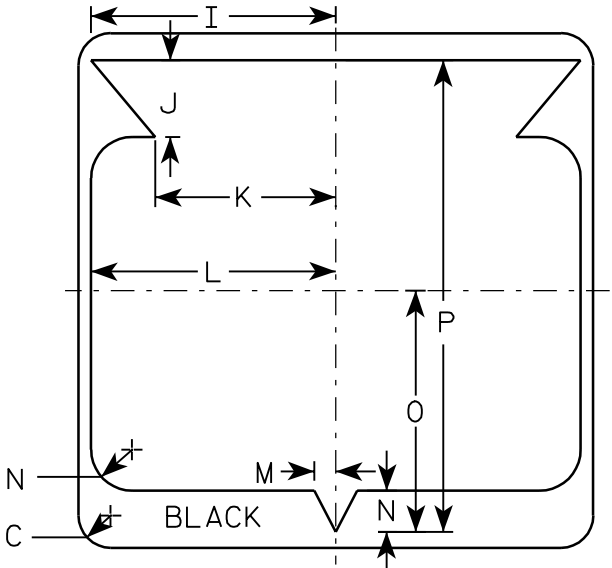
COUNTY:

SHEET NO:

E

NOTES

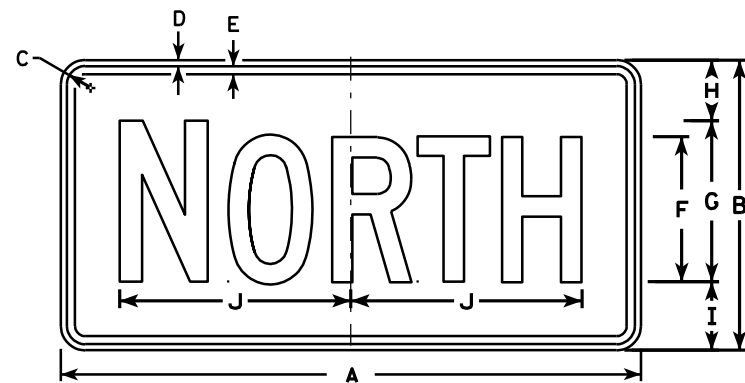
- Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:  
Background - White & Black - See Note 6  
Message - Black
- Message Series - See note 5
- Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- Substitute appropriate Series numerals and adjust spacing as per plate A10-1.
- Permanent Signs  
Background - Type H Reflective  
Detour or temporary Signs  
Background - Reflective



STATE ROUTE MARKER  
M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

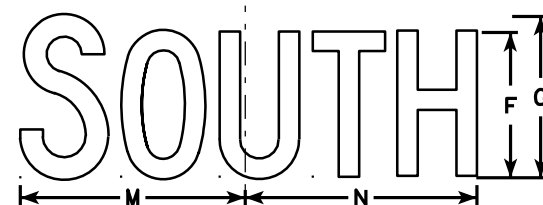
APPROVED  
*Chester J. Spang*  
for State Traffic Engineer  
DATE 3/20/02 PLATE NO. M1-6.9



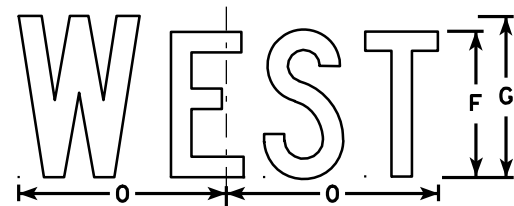
M3-1  
MK3-1  
M03-1



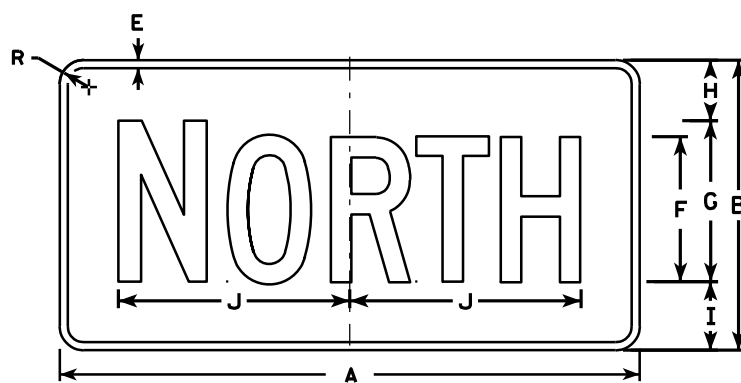
M3-2  
MK3-2  
M03-2



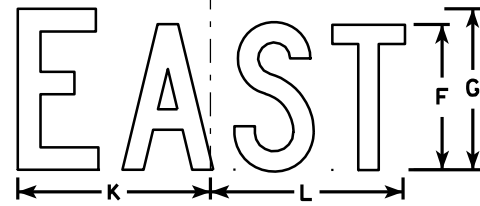
M3-3  
MK3-3  
M03-3



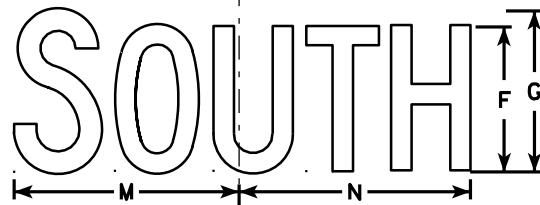
M3-4  
MK3-4  
M03-4



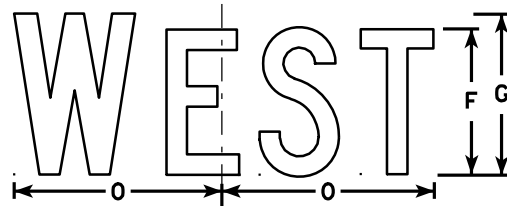
MB3-1  
MG3-1  
MM3-1  
MN3-1



MB3-2  
MG3-2  
MM3-2  
MN3-2



MB3-3  
MG3-3  
MM3-3  
MN3-3



MB3-4  
MG3-4  
MM3-4  
MN3-4

## NOTES

1. All Signs Type II - See Note 5 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - See note 5  
Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White - Type H Reflective (Detour or temporary signs - Reflective)  
Message - Black  
MB3-1 thru MB3-4 Background - Blue  
Message - White - Type H Reflective (Detour or temporary signs - Reflective)  
MG3-1 thru MG3-4 Background - Green  
Message - White - Type H Reflective  
MK3-1 thru MK3-4 Background - Green  
Message - White - Type H Reflective  
MM3-1 thru MM3-4 Background - White - Type H Reflective  
Message - Green  
MN3-1 thru MN3-4 Background - Brown  
Message - White - Type H Reflective  
M03-1 thru M03-4 Background - Orange - Reflective  
Message - Black
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

PROJECT NO: HWY: COUNTY: SHEET NO: E

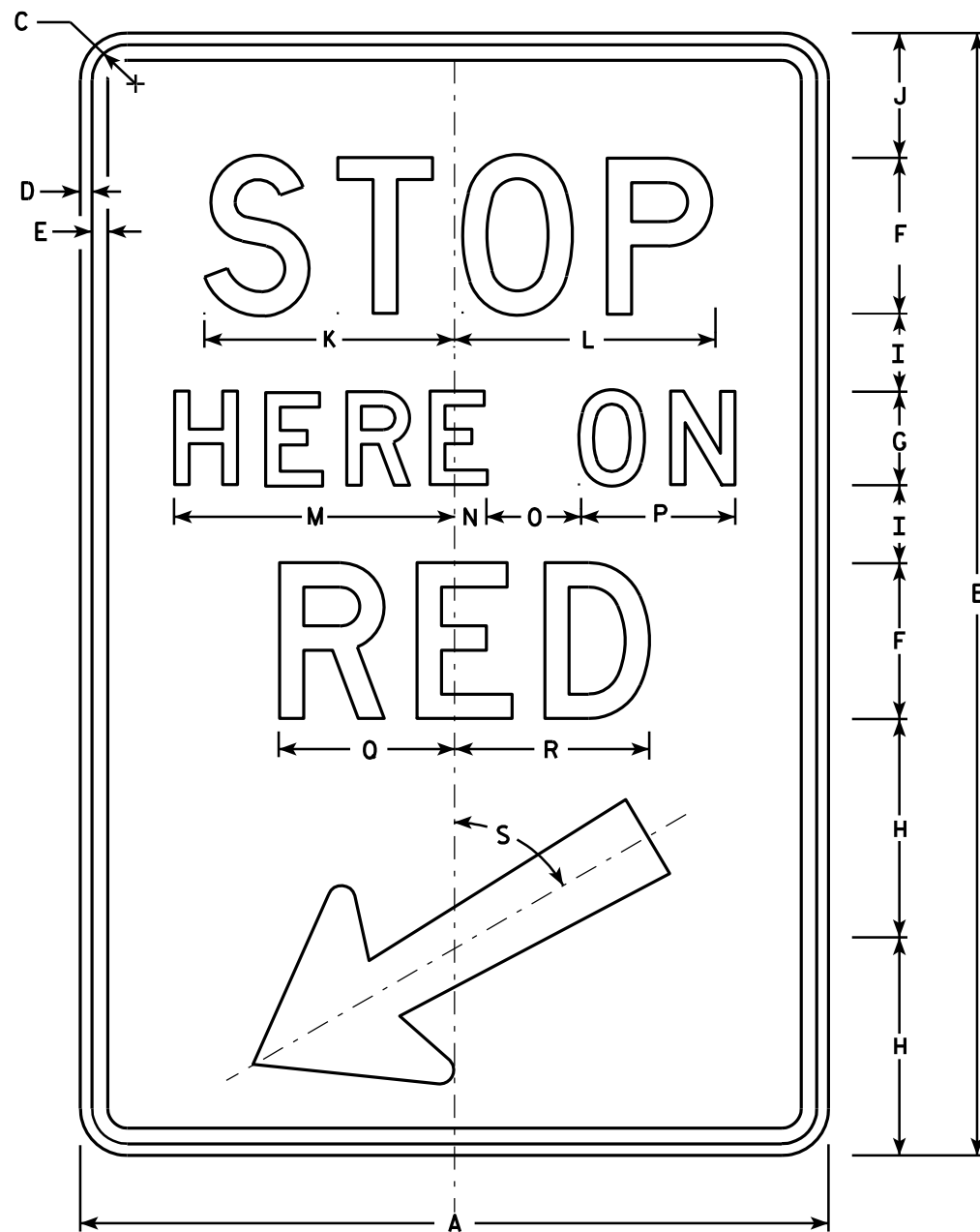
## STANDARD SIGNS M3-1 thru M3-4 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M3-1.12

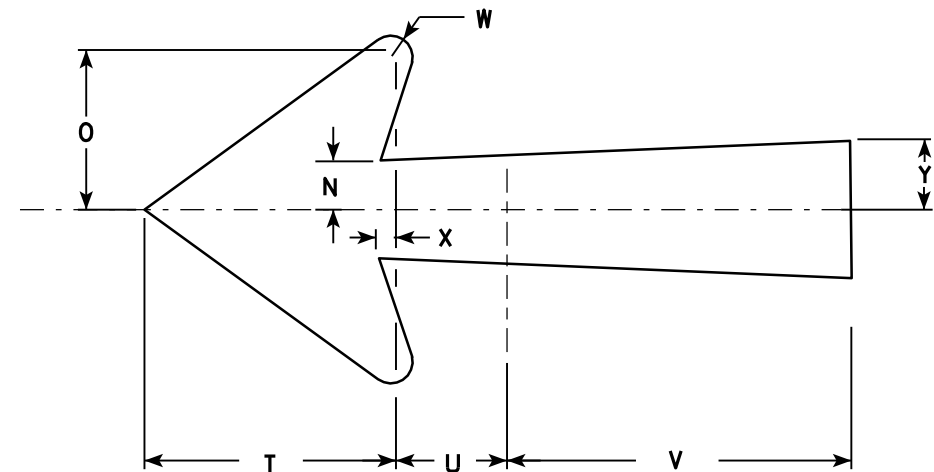




R10-6

### NOTES

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



Arrow Detail

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	1 1/8	3/8	1/2	5	3	7	2 1/2	4	8	8 3/8	9	1	3	5	5 5/8	6 1/4	60°	5 1/4	2 1/4	7 1/8	1/2	3/8	1 3/8		6.0
2M	24	36	1 1/8	3/8	1/2	5	3	7	2 1/2	4	8	8 3/8	9	1	3	5	5 5/8	6 1/4	60°	5 1/4	2 1/4	7 1/8	1/2	3/8	1 3/8		6.0
3																											
4																											
5																											

### STANDARD SIGN R10-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 4/5/11 PLATE NO. R10-6.6

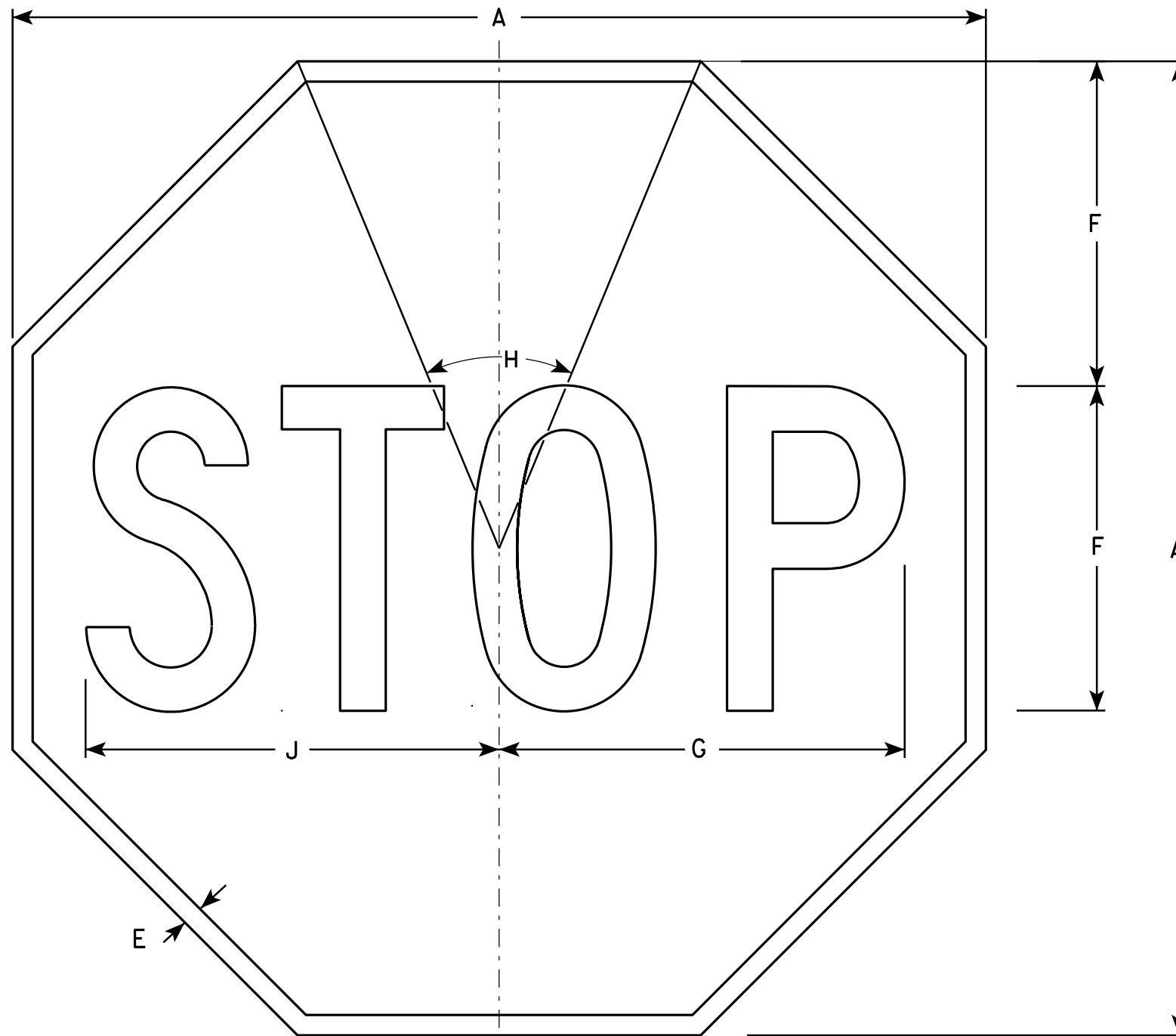
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



NOTES

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

R1-1

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

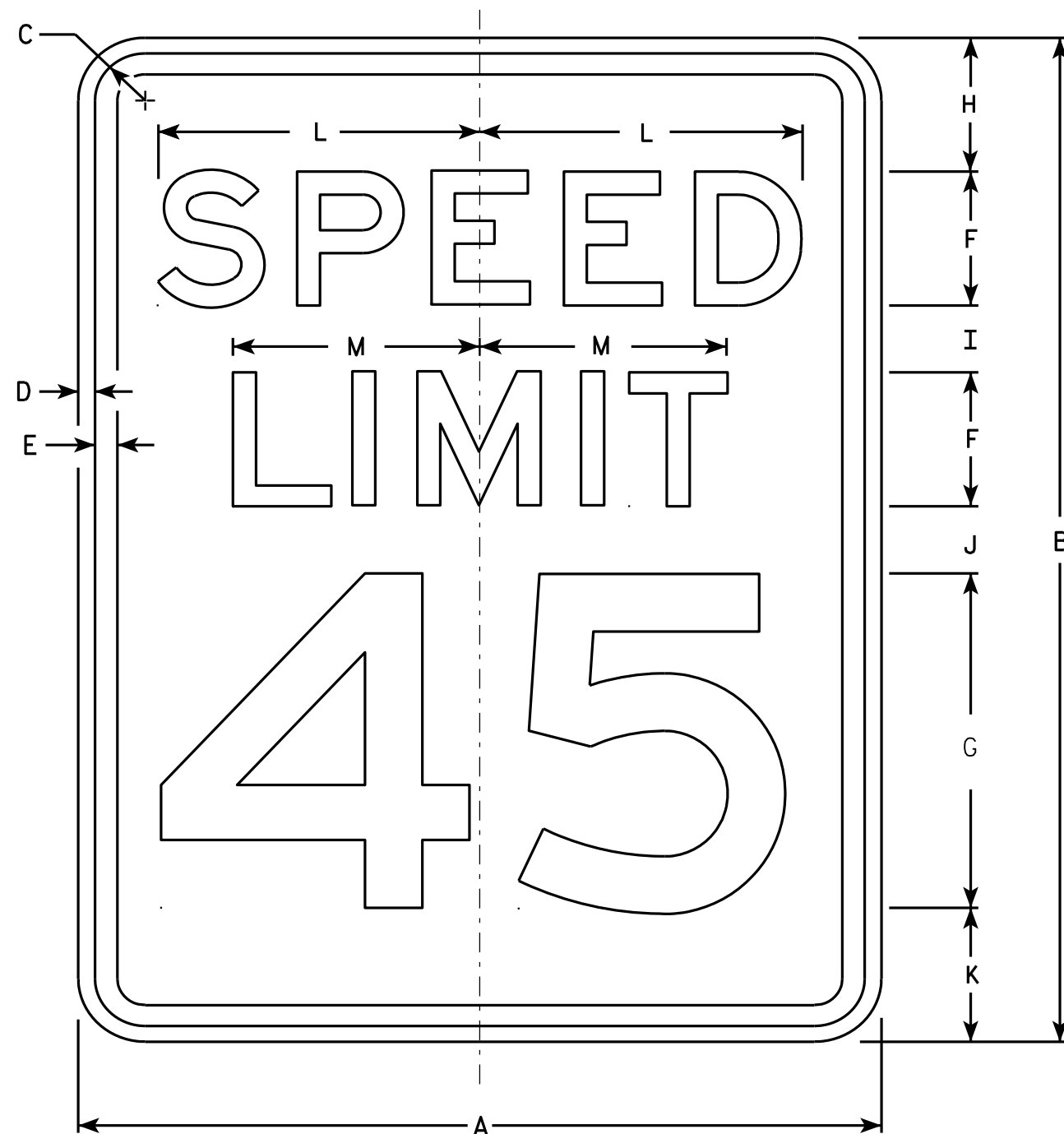
STANDARD SIGN  
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

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

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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R2-1

### NOTES

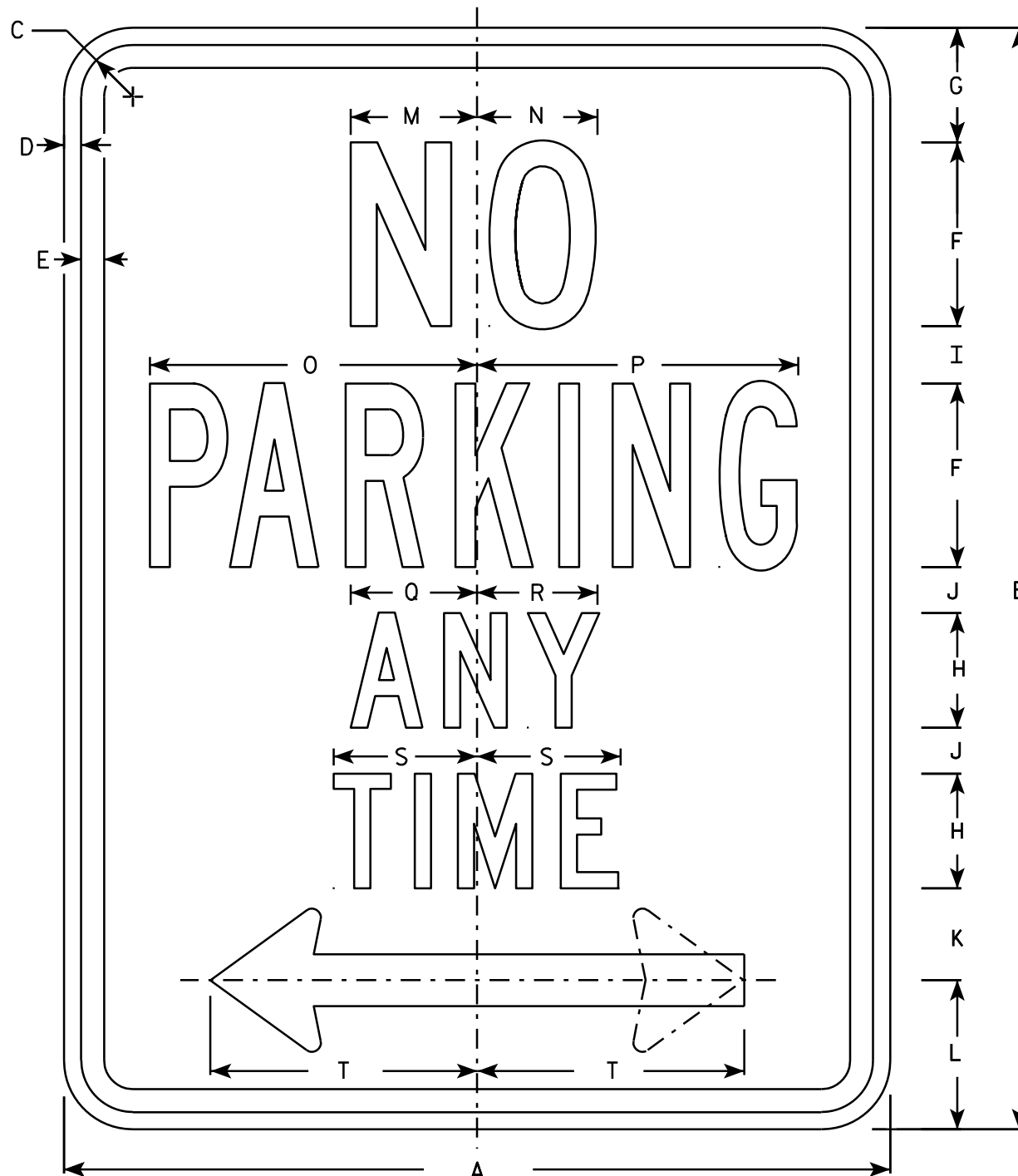
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White  
Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

### STANDARD SIGN R2-1

WISCONSIN DEPT OF TRANSPORTATION  
APPROVED *Matthew R. Rauch*  
For State Traffic Engineer  
DATE 5/26/10 PLATE NO. R2-1.13

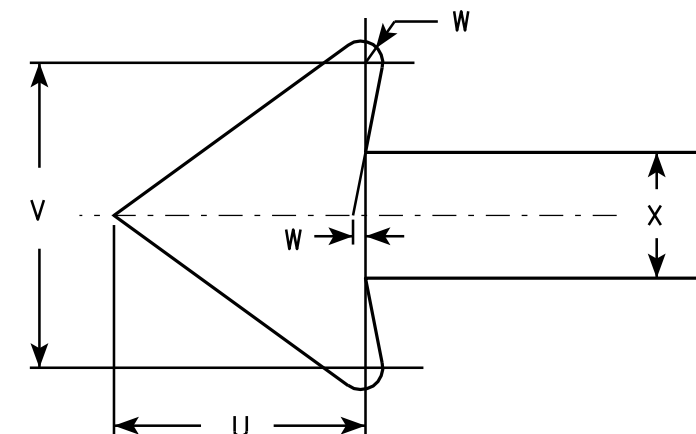
PROJECT NO: HWY: COUNTY: SHEET NO: E



R7-1

### NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White  
Message - Red
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3 and 4 are series C, line 2 is series B.
6. R7-1D (double arrow)  
R7-1L (left arrow)  
R7-1R (right arrow)



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 1/4	2 1/8	2 1/2	3 7/8	1 1/2	1 3/4	1/8	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	2 3/4	2 5/8	3 1/8	5 7/8	2 1/4	2 5/8	1/4	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	3 1/4	3 1/4	3 3/4	7 3/4	3	3 1/2	1/4	1 1/2			5.0
4																											
5																											

STANDARD SIGN R7-1	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 3/31/2011	PLATE NO. R7-1.9

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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### NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White  
Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3, and 4 are Series D. Line 2 shall be Series B

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

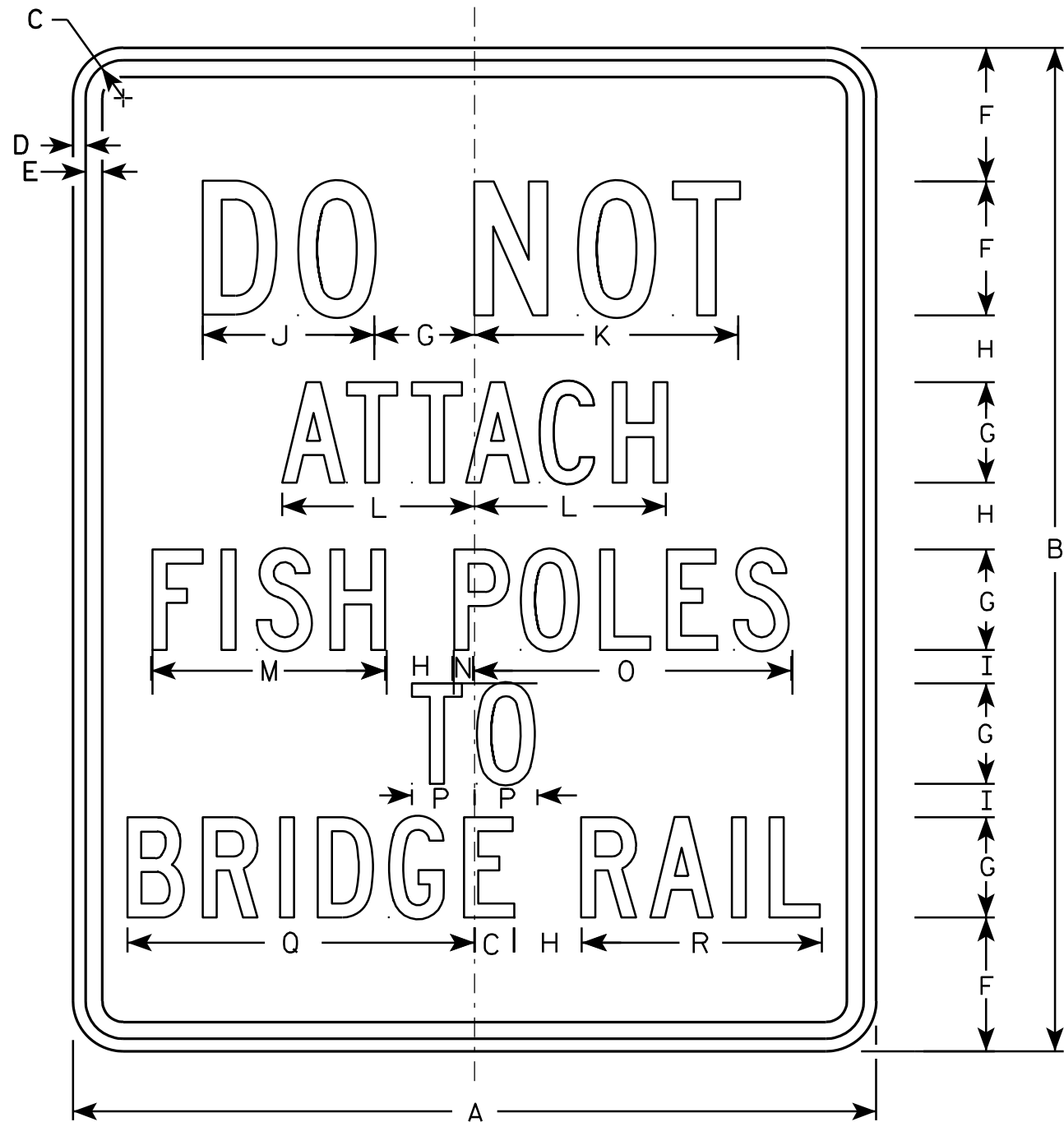
### STANDARD SIGN R8-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 4/1/2011 PLATE NO. R8-52.5

PROJECT NO: HWY: COUNTY: SHEET NO: E



R9-99

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	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	30	1 1/8	3/8	1/2	4	3	2	1	5 1/8	7 7/8	5 3/4	7	5/8	9 1/2	1 7/8	10 3/8	7 1/8									5.0
2S	24	30	1 1/8	3/8	1/2	4	3	2	1	5 1/8	7 7/8	5 3/4	7	5/8	9 1/2	1 7/8	10 3/8	7 1/8									5.0
2M	24	30	1 1/8	3/8	1/2	4	3	2	1	5 1/8	7 7/8	5 3/4	7	5/8	9 1/2	1 7/8	10 3/8	7 1/8									5.0
3																											
4																											
5																											

STANDARD SIGN  
R9-99

WISCONSIN DEPT OF TRANSPORTATION  
APPROVED *Matthew R. Rauch*  
for State Traffic Engineer  
DATE 4/04/2011 PLATE NO. R9-99.5

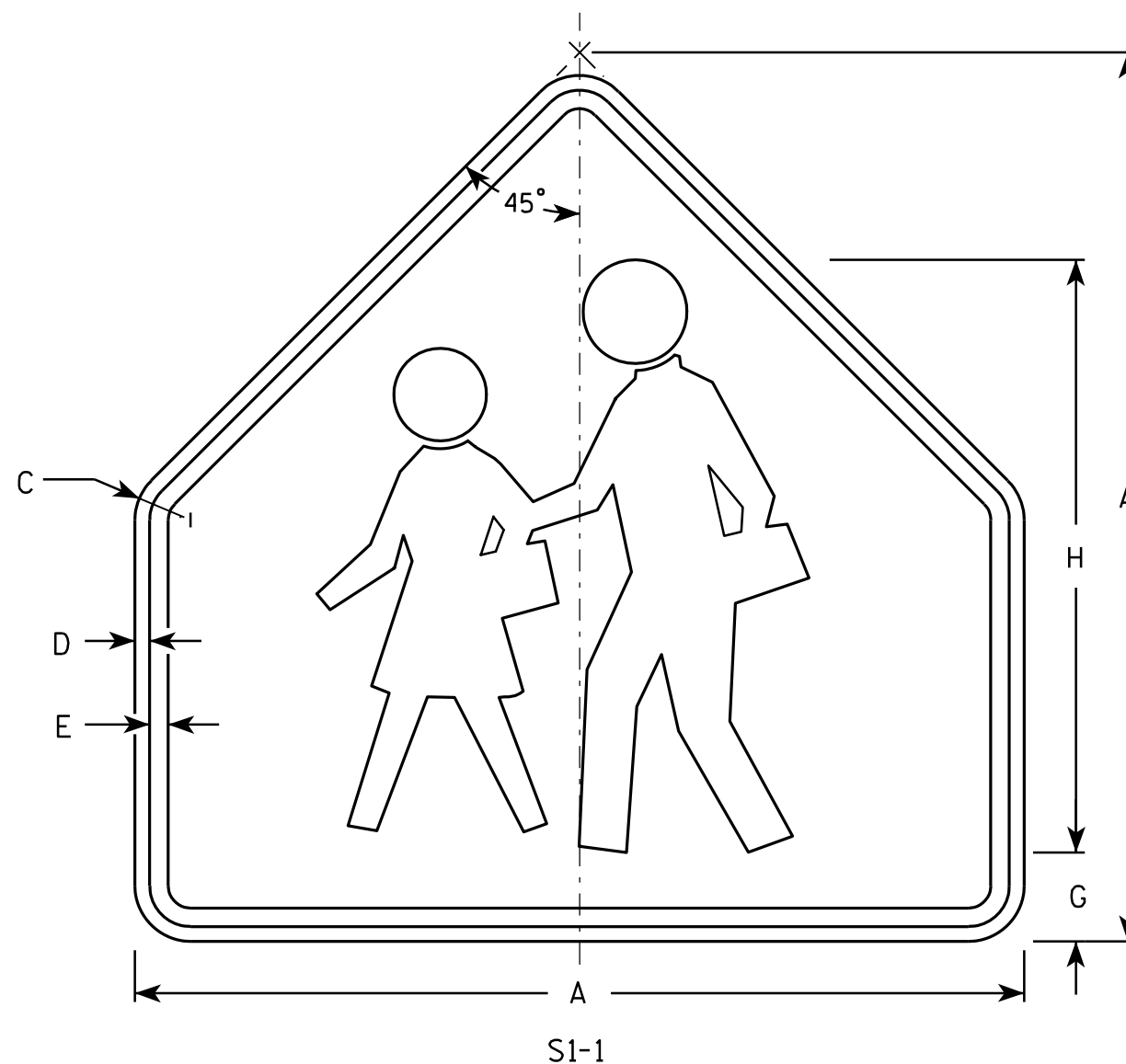
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



# NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3	20																			4.69
2	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		2 1/4	3/4	1		4 3/4	32																			12
5																											

## STANDARD SIGN S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R. Rauch  
for State Traffic Engineer  
DATE 6/30/05 PLATE NO. S1-1.8

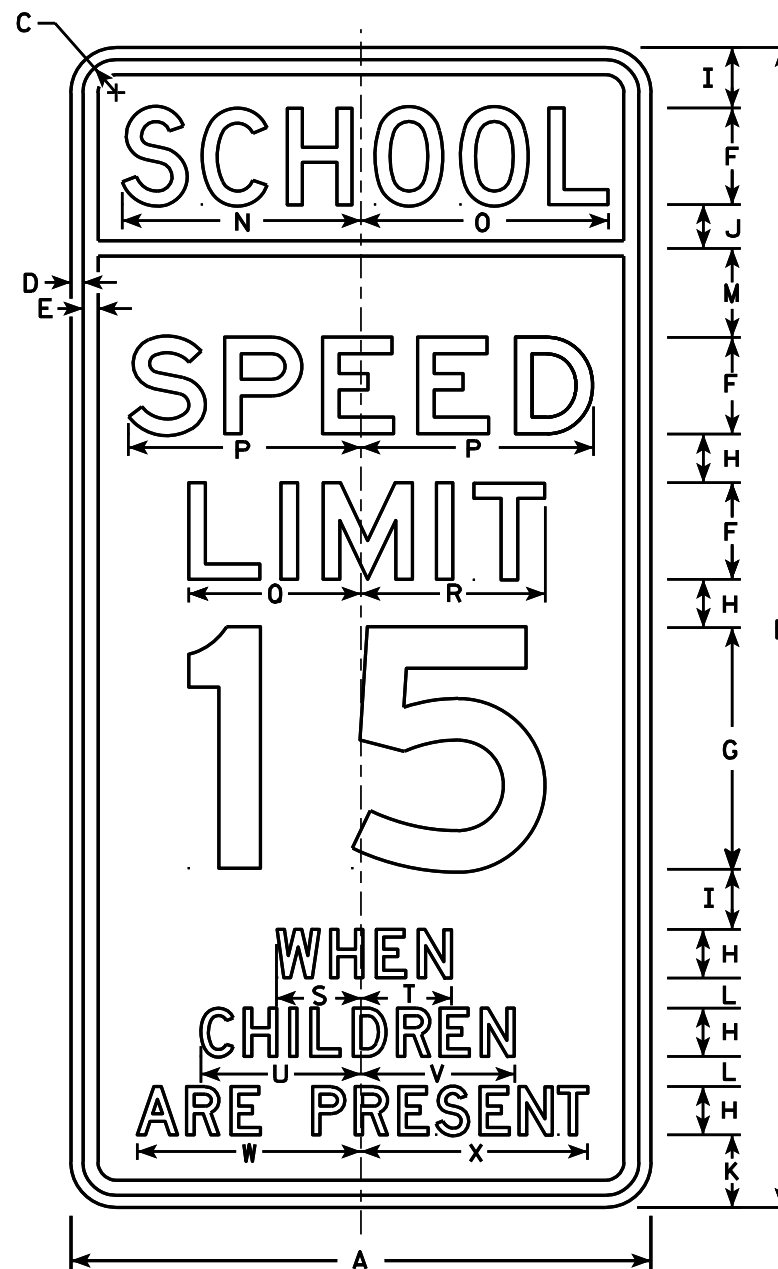
PROJECT NO: \_\_\_\_\_ HWY: \_\_\_\_\_ COUNTY: \_\_\_\_\_ SHEET NO: **E**

Metric equivalent  
for this sign is:

SIZE	
1	
2	600 mm X 1200 mm
3	900 mm X 1800 mm
4	
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.	Area m <sup>2</sup>
1																												
2	24	48	1 3⁄8	1⁄2	5⁄8	4	10	2	2 1⁄2	1 3⁄4	3	1 1⁄4	3 3⁄4	9 7⁄8	10 1⁄4	9 5⁄8	7 1⁄8	7 5⁄8	3 1⁄2	3 3⁄8	6 5⁄8	6 3⁄8	9 1⁄4	9 3⁄8			8.00	0.72
3	36	72	2 1⁄4	3⁄4	1	6	15	3	3 3⁄4	2 3⁄4	4 1⁄2	1 7⁄8	5 1⁄2	15	15 1⁄4	14 1⁄2	11 1⁄4	11 1⁄2	5 1⁄2	5 3⁄4	10	9 3⁄4	14	14 1⁄8			18.00	1.62
4																												
5																												

PROJECT NO:			HWY:			COUNTY:						SHEET NO:			E
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S4-51

### NOTES

- Sign is Type II - reference  
WIS DOT Standard Specification for HIGHWAY  
and STRUCTURE CONSTRUCTION latest edition. (See note 5).
- Color:  
Background - See note 5  
Message - Black
- Message Series - See note 6
- 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.
- Top panel (SCH00L) background - Yellow Green -Type F Reflective.  
Lower panel background - White -Type H Reflective.
- From top to bottom:  
Lines 1, 5, 6 & 7 are series D  
Lines 2, 3 & 4 are series E
- Line 4 substitute appropriate numerals and  
adjust spacing to achieve proper balance.

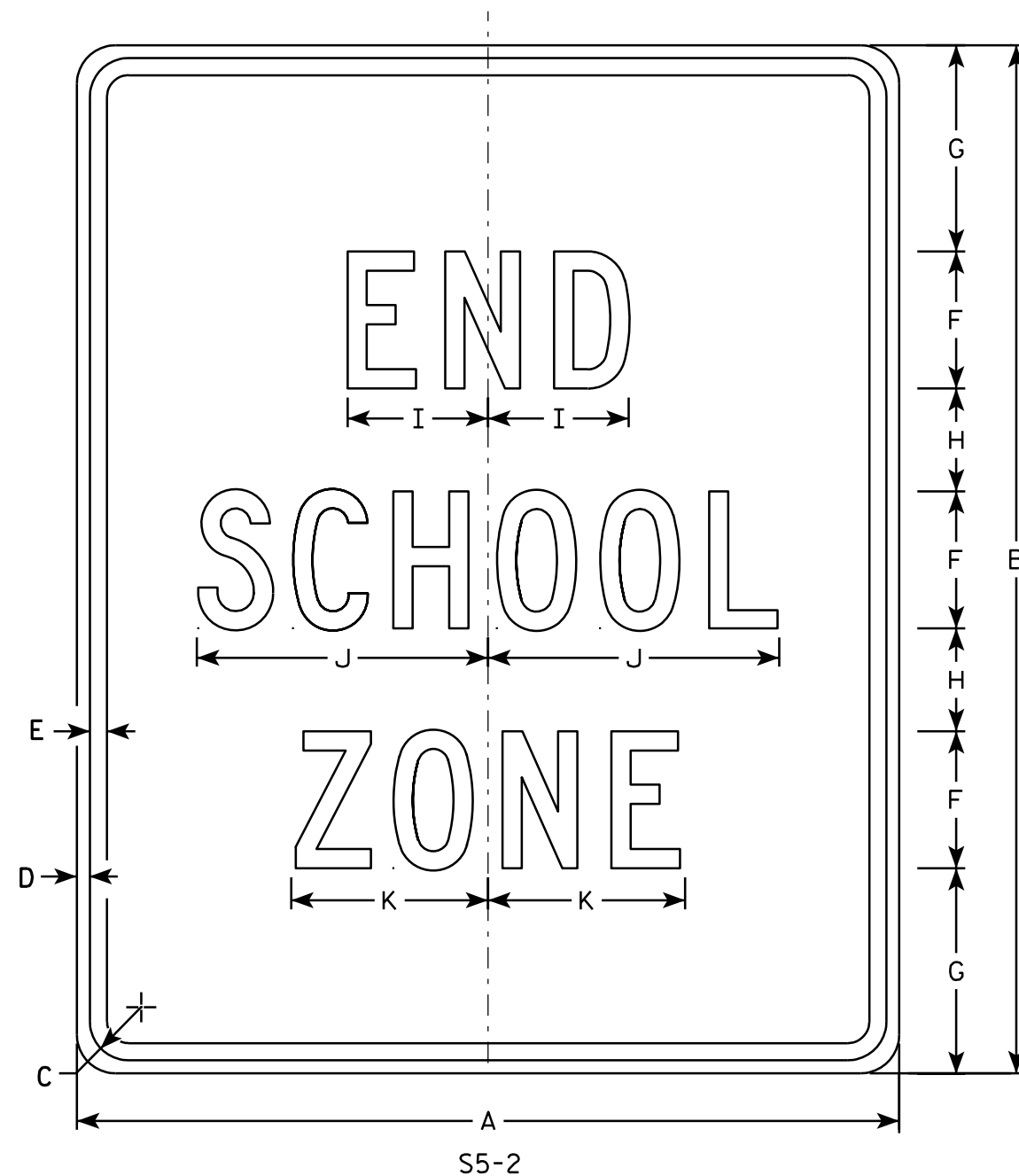
### STANDARD SIGN S4-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer  
DATE 4/26/10 PLATE NO. S4-51.9



7



NOTES

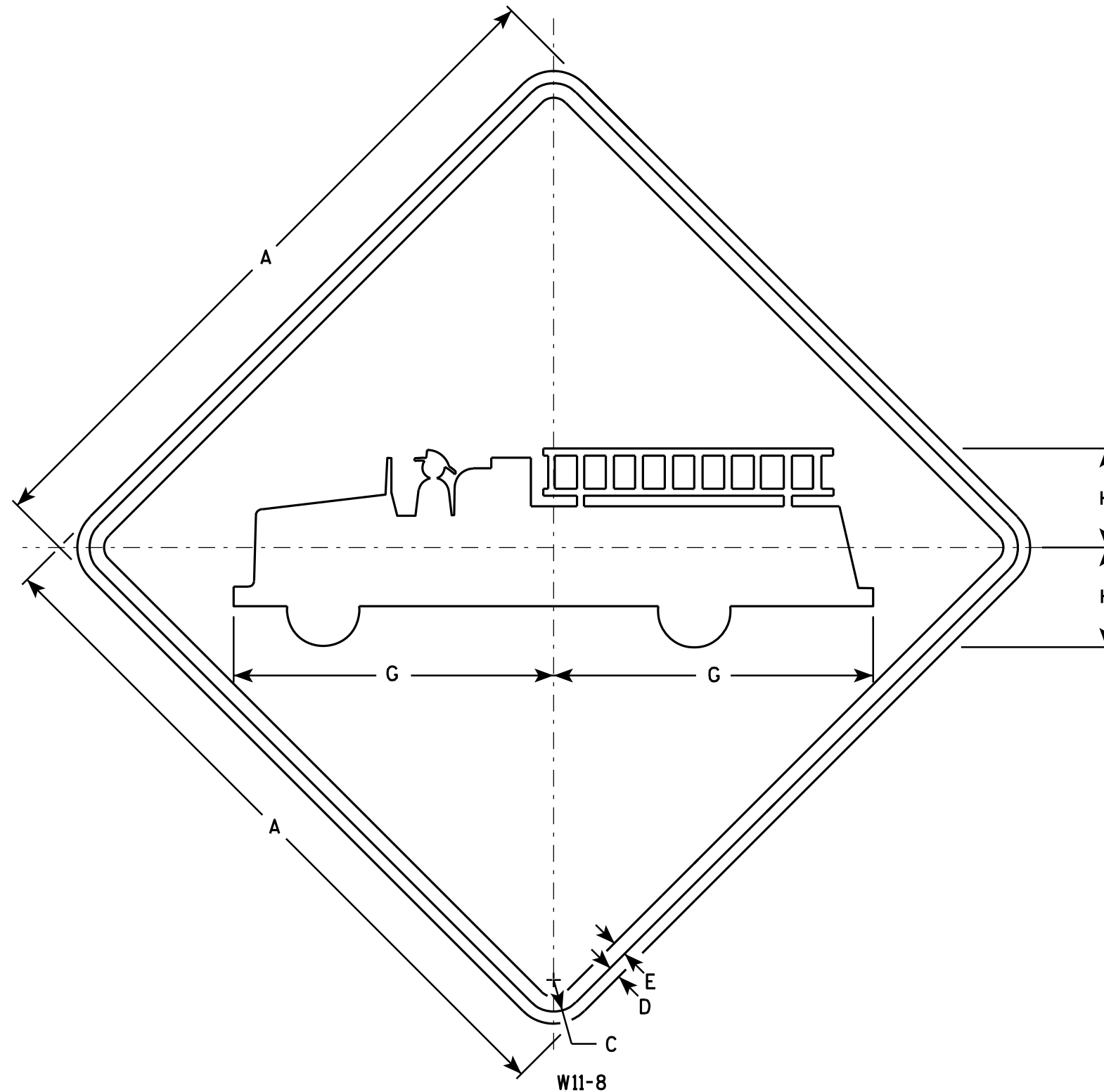
1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:  
Background - White  
Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded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

7

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																											
2	24	30	1 1/8	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 5/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

STANDARD SIGN S5-2	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 3/8/11	PLATE NO. S5-2.2

PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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# NOTES

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

W11-8

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		11	3 3/8																			4.0
2S	30		1 3/8	1/2	5/8		13 3/4	4 3/8																			6.25
2M	30		1 3/8	1/2	5/8		13 3/4	4 3/8																			6.25
3	36		1 5/8	5/8	3/4		16 1/2	5 1/4																			9.0
4	48		2 1/4	3/4	1		22	7																			16.0
5																											

## STANDARD SIGN W11-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 3/16/11 PLATE NO. W11-8.6

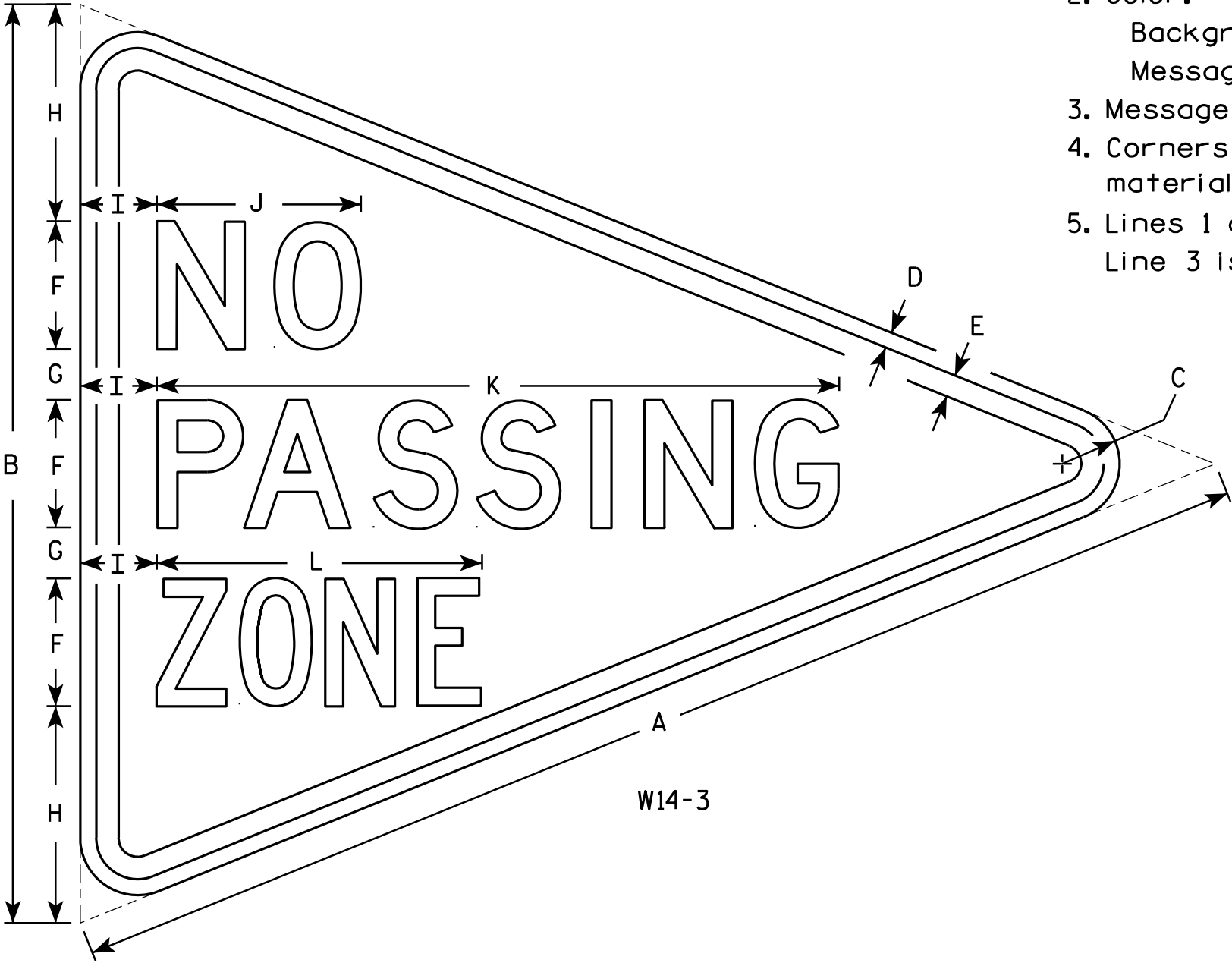
PROJECT NO:

SHEET NO:

E

NOTES

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



W14-3

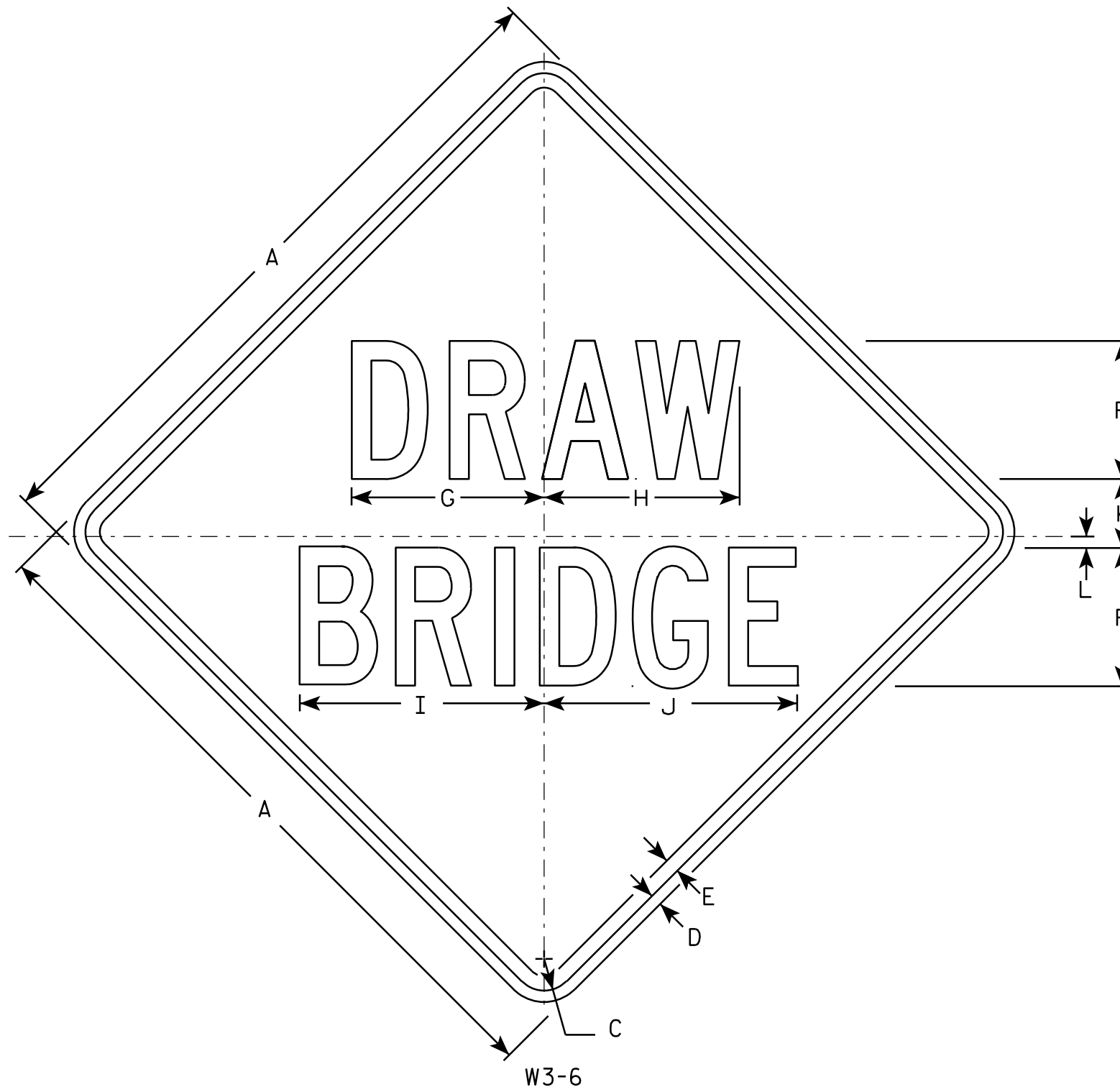
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
2M	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															6.0
3	64	48	3	3/4	1 1/4	6	3	12	4	10 3/4	33 5/8	16 1/2														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

STANDARD SIGN  
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
For State Traffic Engineer

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



**NOTES**

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6	8 3/8	8 1/2	10 5/8	11	3	1/2															6.25
2S	36		1 5/8	5/8	3/4	7	10 1/8	10	13 1/2	12 3/4	3 5/8	5/8															9.0
2M	36		1 5/8	5/8	3/4	7	10 1/8	10	13 1/2	12 3/4	3 5/8	5/8															9.0
3	48		2 1/4	3/4	1	10	14	14 1/8	17 3/4	18 1/4	4 3/4	3/4															16.0
4	48		2 1/4	3/4	1	10	14	14 1/8	17 3/4	18 1/4	4 3/4	3/4															16.0
5																											

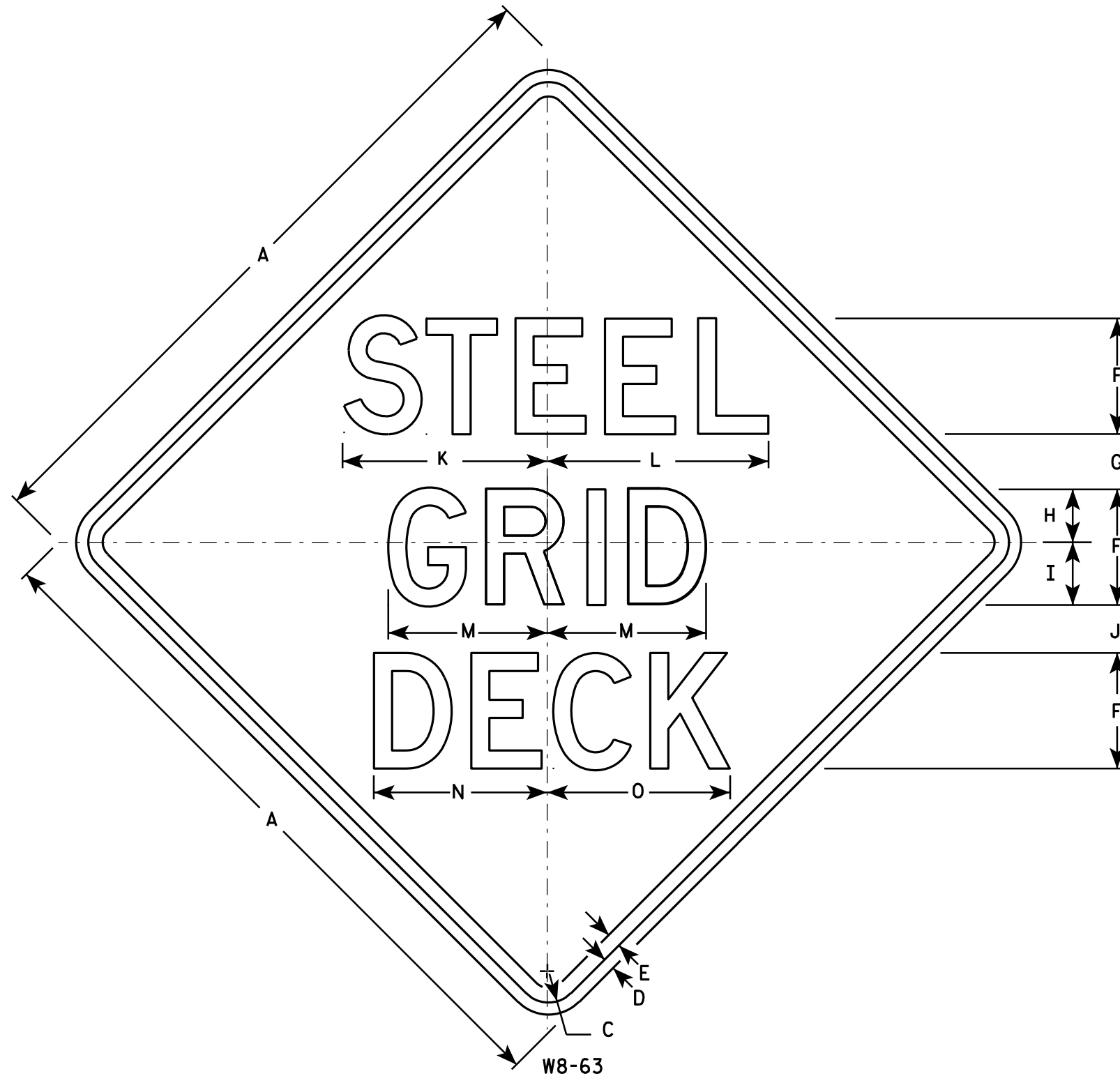
**STANDARD SIGN**  
**W3-6**

WISCONSIN DEPT OF TRANSPORTATION

APPROVED  
*Matthew R. Rauch*  
for State Traffic Engineer

DATE 05/26/10 PLATE NO. W3-6.1

PROJECT NO: HWY: COUNTY: SHEET NO: E



# NOTES

- Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:  
Background - Yellow  
Message - Black
- Message Series - D
- 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	30		1 3⁄8	1⁄2	5⁄8	5	2 3⁄8	2 3⁄8	2 5⁄8	2	8 7⁄8	9 1⁄2	6 7⁄8	7 1⁄2	7 3⁄4												6.25
2M	30		1 3⁄8	1⁄2	5⁄8	5	2 3⁄8	2 3⁄8	2 5⁄8	2	8 7⁄8	9 1⁄2	6 7⁄8	7 1⁄2	7 3⁄4												6.25
3	36		1 5⁄8	5⁄8	3⁄4	6	2 7⁄8	2 3⁄4	3 1⁄4	2 1⁄2	10 5⁄8	11 1⁄2	8 1⁄4	9	9 1⁄2												9.0
4																											
5																											

## STANDARD SIGN

W8-63

WISCONSIN DEPT OF TRANSPORTATION

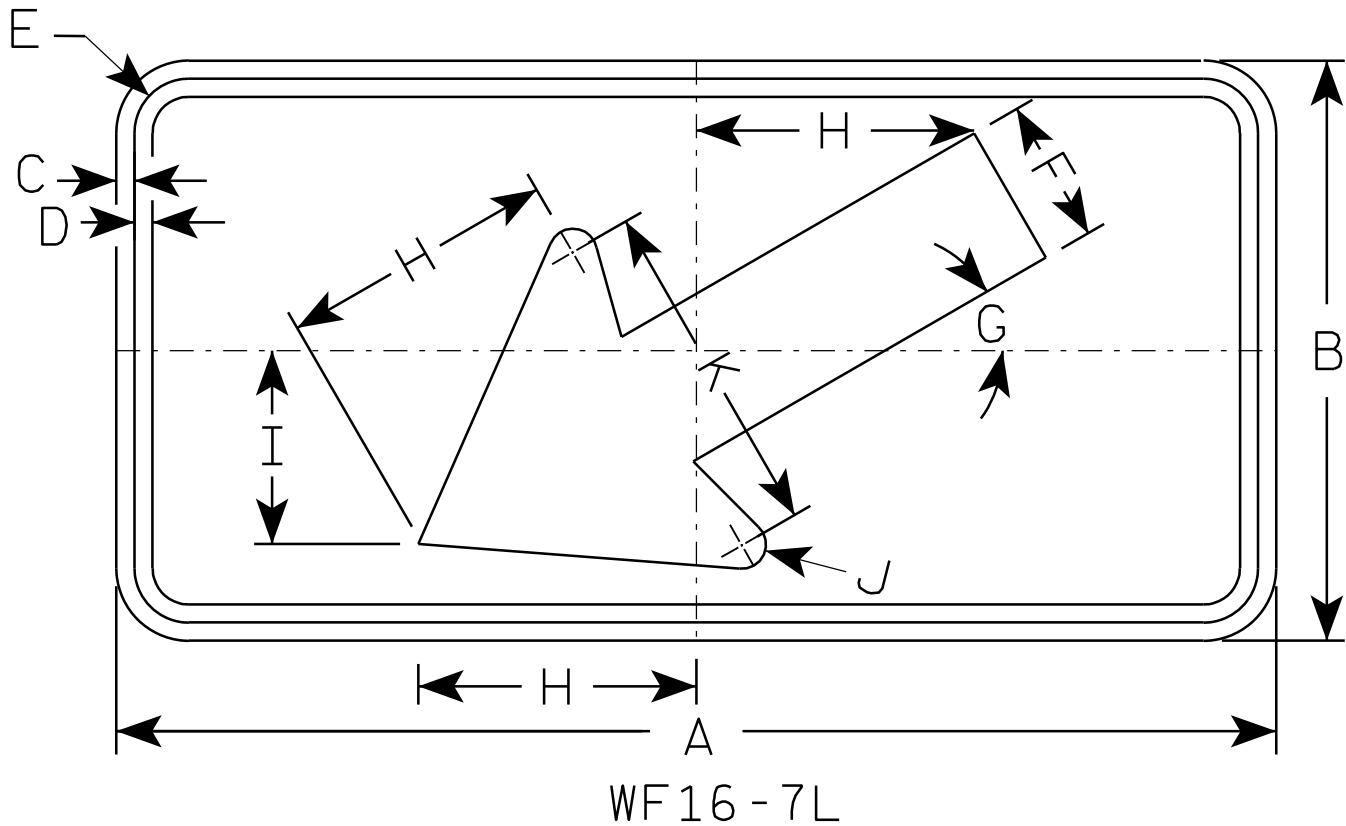
APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 3/22/11 PLATE NO. W8-63.7

PROJECT NO: HWY: COUNTY: SHEET NO: E

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-Green  
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. WF16-7R are the same as WF-16-7L except the arrow is reversed along the vertical centerline.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	3/8	3/8	1 1/8	3	30°	5 3/4	4	1/2	7																2.0
2S	30	18	3/8	1/2	1 1/8	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
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	
WF16-7	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 12/21/10	PLATE NO. WF16-7.3

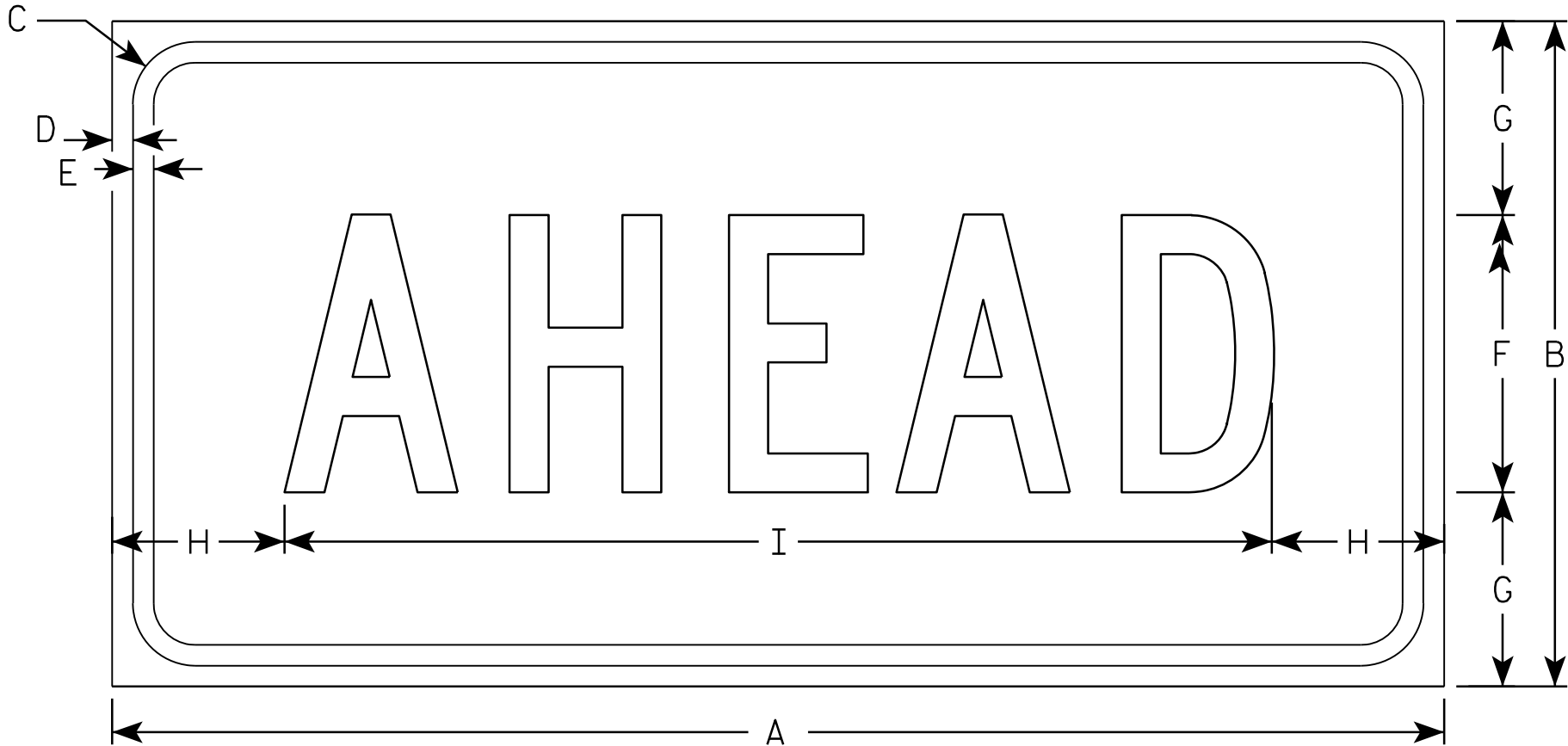
PROJECT NO:	HWY:	COUNTY:	SHEET NO:	E
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7

7

NOTES

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



WF16-9P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	5	3 1/2	3 1/8	17 3/4																		2.0
2S	30	18	1 1/8	3/8	1/2	7	5 1/2	2 3/4	24 1/2																		3.75
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

WF16-9P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*  
for State Traffic Engineer

DATE 2/29/2012 PLATE NO. WF16-9P.4



## *Wisconsin Department of Transportation*

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