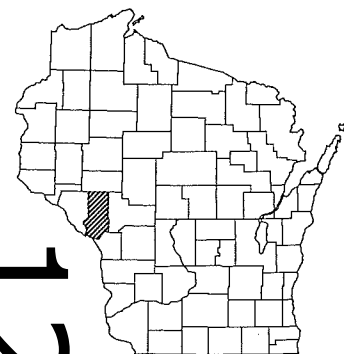


ORDER OF SHEETS

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 = 84

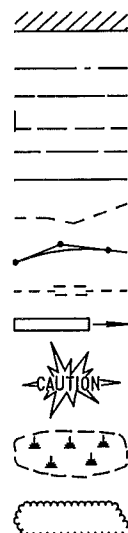


DESIGN DESIGNATION

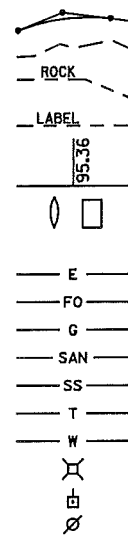
A.A.D.T.	2015	=	3200
A.A.D.T.	2035	=	4000
D.H.V.		=	6.1
D.D.		=	62/38
T.		=	7.6
DESIGN SPEED		=	40-55 MPH
ESALS		=	800,8000

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



BEGIN PROJECT 7153-03-61
STA. 233+75
X = 823577.4345
Y = 310070.0439

T-18-N

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

TREMPEALEAU - FOUNTAIN CITY

10TH STREET TO STH 93

STH 35

TREMPEALEAU COUNTY

STATE PROJECT NUMBER

7153-03-61

STATE PROJECT

7153-03-61

FEDERAL PROJECT

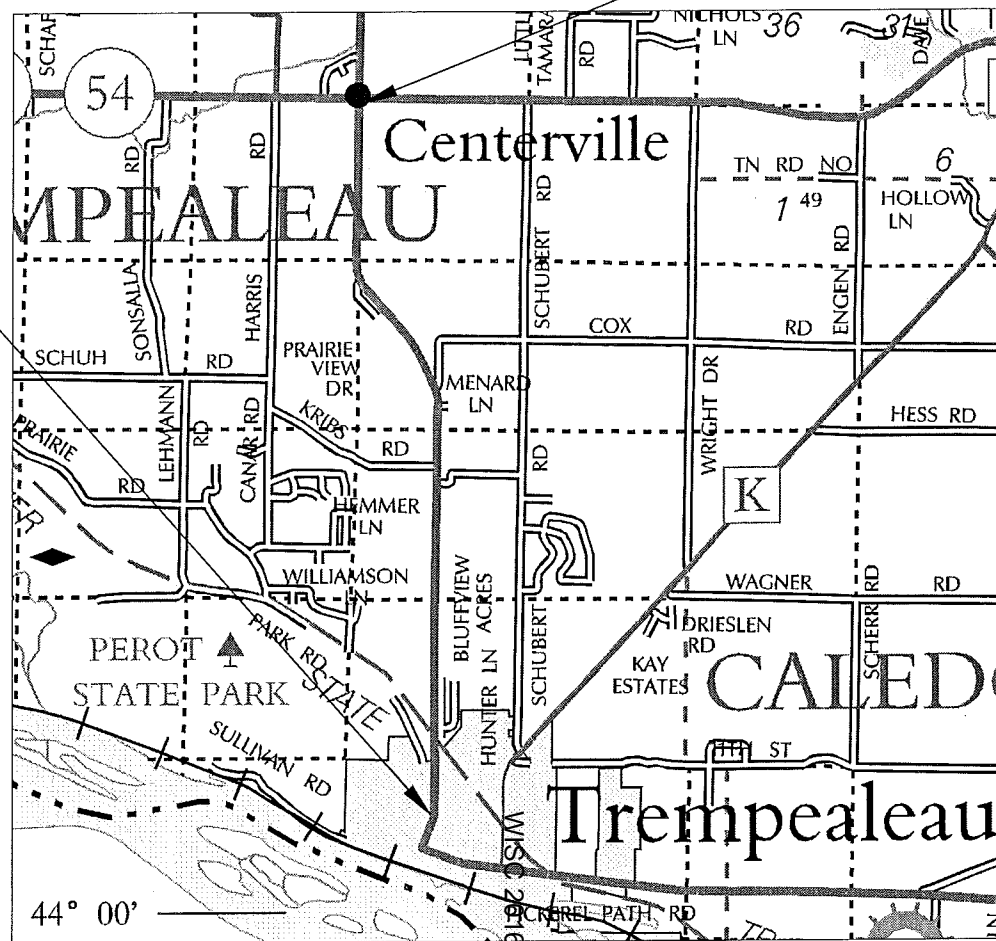
PROJECT

WISC 2016227

CONTRACT

1

END PROJECT 7153-03-61
STA. 452+64



SCALE 0 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 4.145

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, TREMPEALEAU COUNTY, NAD83 (2008), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SURVEYOR
Designer	MOHAMED A MOUNIR
Project Manager	DAVID KOEPP
Regional Examiner	CHRISTINE KOSKI
Regional Supervisor	TIM MASON

APPROVED FOR THE DEPARTMENT

DATE: 1/25/16 
(Signature)

E

GENERAL NOTES

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT URBAN INTERSECTIONS.

ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT (FLAG OF CURB) UNLESS OTHERWISE NOTED.

REMOVE ASPHALTIC SURFACE TO THE NEAREST JOINT OR A SAWED EDGE AS DIRECTED BY THE ENGINEER.

RESHAPE AND SEED ANY PREVIOUSLY GRASSED AREAS THAT ARE DISTURBED BY OPERATIONS OUTSIDE THE NORMAL CONSTRUCTION LIMITS.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON OTHER PLAN SHEETS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT THAT ARE NOT SHOWN.

LOCATIONS OF PAVEMENT MARKINGS AND PERMANENT SIGNING IN THE FIELD ARE DETERMINED BY THE MUTCD & WISCONSIN SUPPLEMENT AND STANDARD DETAIL DRAWINGS. STATION AND OFFSETS PROVIDED IN THE MISCELLANEOUS QUANTITIES OR PLAN SHEETS ARE ONLY PROVIDED FOR APPROXIMATE LOCATING AND CONTRACT ADMINISTRATION. INSTALL W14-3 SIGNS AFTER LOCATING NO-PASSING ZONES IS COMPLETE.

TWO LAYER THICKNESS REQUIRED FOR HMA PAVEMENT 4 MT 58-34 H
1/2-INCH LOWER LAYER
1 3/4-INCH UPPER LAYER

DESIGN CONTACT

7153-03-61 ROADWAY DESIGN
WISCONSIN DEPT. OF TRANSPORTATION
*NW REGION - EAU CLAIRE OFFICE
718 W. CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
715-836-2891

ENVIRONMENTAL CONTACTS

DEPT. OF NATURAL RESOURCES
WISCONSIN DNR
KAREN KALVELAGE ENVIRONMENTAL ANALYSIS AND REVIEW SPECIALIST
LA CROSSE SERVICE CENTER
3550 MORMON COULEE ROAD
LA CROSSE WI 54601
608-785-9115
karen.kalvelage@dot.wi.gov

24 HOUR SPILLS HOTLINE
800-943-0003



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

DAIRYLAND POWER COOPERATIVE-ELECTRICITY
KURT D CHILDS
3200 EAST AVE South
PO BOX 817
LACROSSE, WI 54602-0817
608-788-4000 (OFFICE)
kdc@dairynet.com

ELECTRCITY-DISTRIBUTION
RIVERLAND ENERGY COOPERATIVE
TIM HOLTAN
625 W MAINST
PO BOX 277
ARCADIA, WI 54612-0277
608-323-3181
tholtan@riverlandenergy.com

SEWER AND WATER
VILLAGE OF TREMPPEALEAU
TODD LAKEY
24455 3RD STREET
PO BOX 247
TREMPEALEAU, WI 54661
608-792-1735
tlakey@trempeauwi.com

XCEL ENERGY DISTRIBTION
SCOTT ROBERTS
PB BOX 727
LACROSSE, WI 54602-0727
608-789-3625 (OFFICE)
608-518-0816 (MOBILE)
scott.w.reports@xcelenergy.com
COPY ALL CORRESPOND TO:
DAWN SCHULTZ
1414 W HAMILTON AVE
PO BOX 8
EAU CLAIRE, WI 54702-0008
715-737-2482
dawn.schultz@xcelnenergy.com

UTILITY CONTACTS

XCEL ENERGY
CHARLES DIENGER
3505 MELBY ROAD
EAU CLAIRE, WI 54702
715-723-1576 (OFFICE)
615-955-1089 (MOBILE)
charles.g.dienger@xcelenergy.com
COPY ALL CORRESPOND TO:
DAWN SCHULTZ
1414 W HAMILTON AVE
PO BOX 8
EAU CLAIRE, WI 54702-0008
715-737-2482
dawn.schultz@xcelnenergy.com

COMMUNICATION LINE- ENTURYLINK
24 HOUR EMERGENCY REPAIR
800-824-2877
TOM MURRAY
333 N FRONT ST
LACROSSE, WI 54601
utility permits
608-796-7869 (OFFFICE)
608-780-0895 (MOBILE)
tom.i.murray@centurylink.com

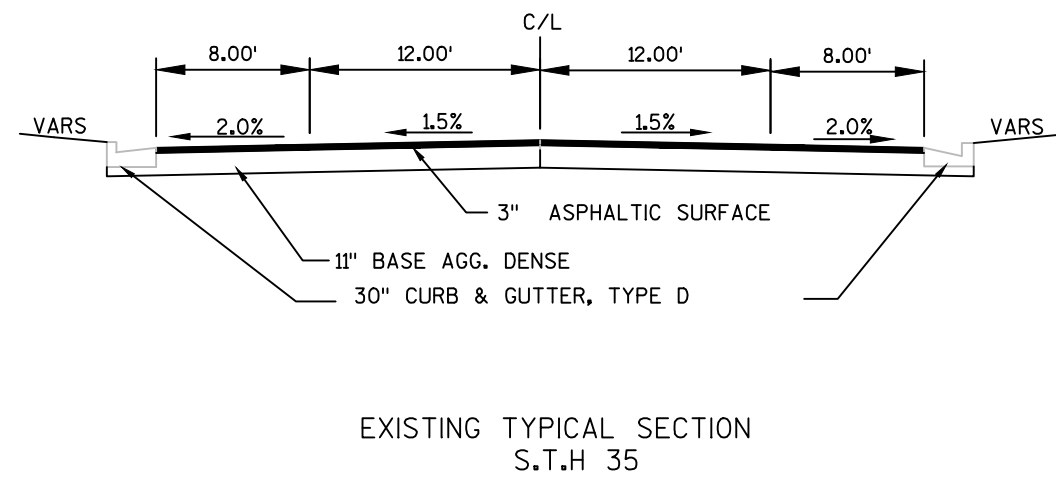
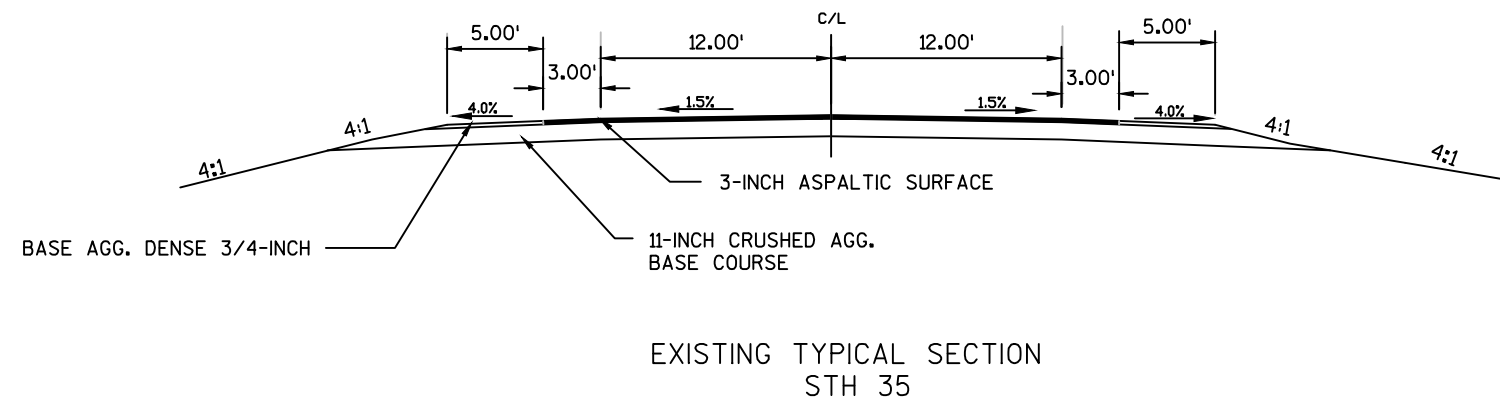
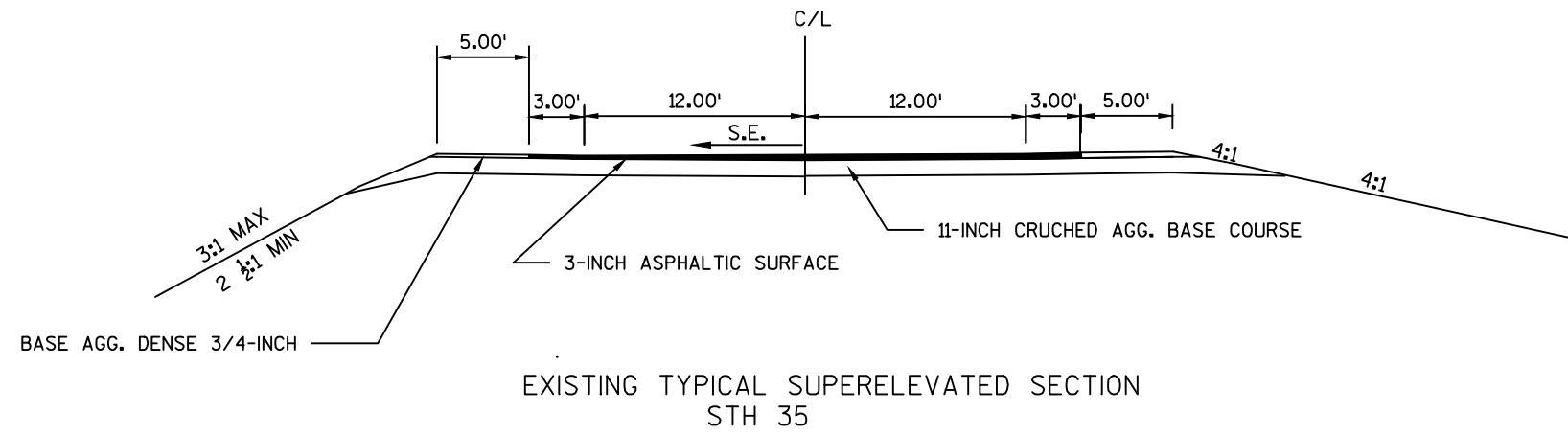
TRI-COUNTY COMMUNICATIONS COOp
BRIAN MELSNESS
417 5TH AVENUE NORTH
STRUM, WI 54770
715-695-2691 (OFFICE)
715-530-0081 (MOBILE)
bmelsness@tccpro.net

MIDWEST NATURAL GAS INCORPORATED
24 HOUR EMERGENCY (GAS)
877-817-3119
RYAN LONGMORE
3600 STH 157
LACROSSE, WI 54601
608-781-1011 (OFFICE)
608-790-3546 (MOBILE)
rlongmore@gmail.com

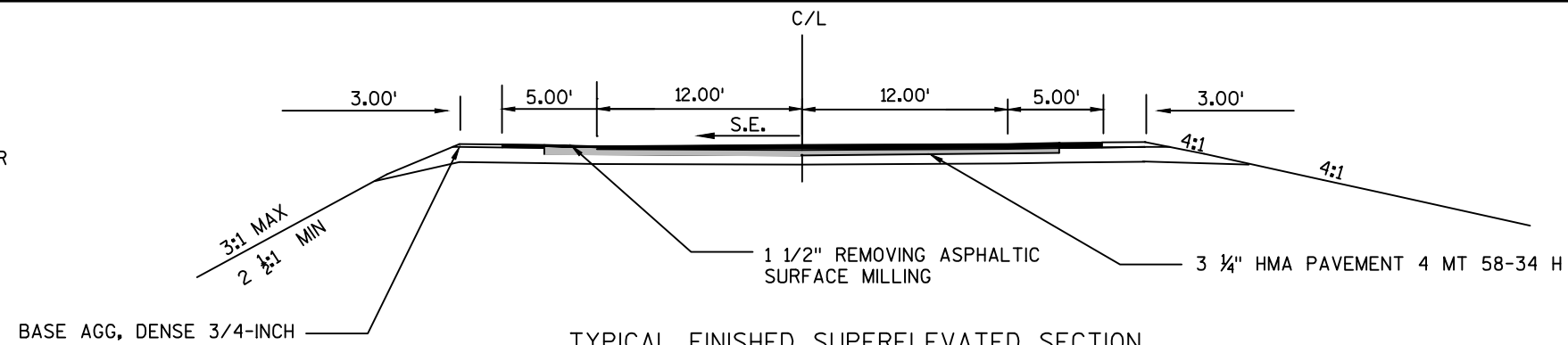
RIVERLAND ENERGY COOPERATIVE-ELECTRICITY
TIM HOLTAN
N28988 HWY 93
ARCADIA, WI 54612-0277
608-323-3381 (OFFICE)
608-797-0102 (MOBILE)
tholtan@riverlandenergy.com

LIST OF STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AH	AHEAD
ASPH	ASPHALTIC
AADT	ANNUAL AVERAGE DAILY TRAFFIC
BK.	BACK
BM	BENCH MARK
BR	BRANCH
CONC	CONCRETE
CACP	CORRUGATED ALUMINUM CULVERT PIPE
CSCP	CORRUGATED STEEL CULVERT PIPE
CTH	COUNTY TRUNK HIGHWAY
CR	CREEK
CR	CRUSHED
CY or CUYP	CUBIC YARD
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DD	DIRECTIONAL DISTRIBUTION
DL	DITCH LINE / TOE OF SLOPE
EB	EASTBOUND
EL or ELEV	ELEVATION
EMB	EMBANKMENT
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
EXP	EXPANSION
FE	FIELD ENTRANCE
HES	HIGH EARLY STRENGTH
CWT	HUNDRED WEIGHT
LT	LEFT
LHF	LEFT HAND FORWARD
LF	LINEAR FOOT
LS	LUMP SUM
MH	MANHOLE
NC	NORMAL CROWN
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
POC	POINT ON CURVE
POT	POINT ON TANGENT
PE	PRIVATE ENTRANCE
PL	PROPERTY LINE
R	RADIUS
RP	RADIUS POINT
R	RANGE
REBAR	REINFORCEMENT BAR
REQD	REQUIRED
RT	RIGHT
RHF	RIGHT-HAND-FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RD	ROAD
SALV	SALVAGED
SEC	SECTION
SF	SQUARE FEET
SI	SLOPE INTERCEPT
SY	SQUARE YARD
SS	SLOPED SECTION
STH	STATE TRUNK HIGHWAY
STA	STATION
SE	SUPERELEVATION
T	TANGENT
TEL	TELEPHONE
TEMP	TEMPORARY
TC	TOP OF CURB
T or TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
UG	UNDERGROUND
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
V	VELOCITY or DESIGN SPEED
VERT	VERTICAL
VC	VERTICAL CURVE
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
VAR	VARIABLE
WB	WESTBOUND

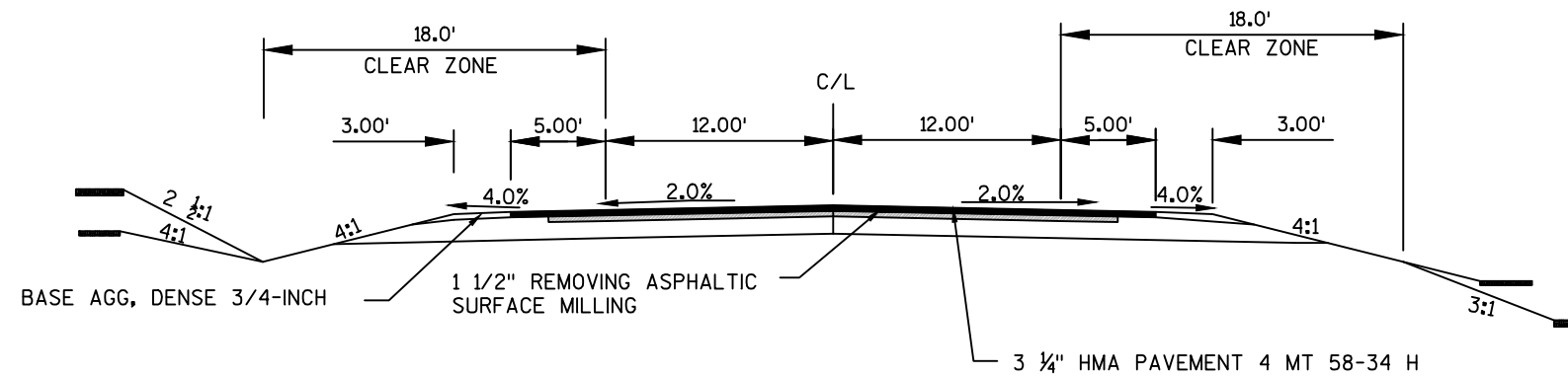


TWO LAYER REQUIRED
1 1/2-INCH LOWER LAYER
1 3/4-INCH UPPER LAYER



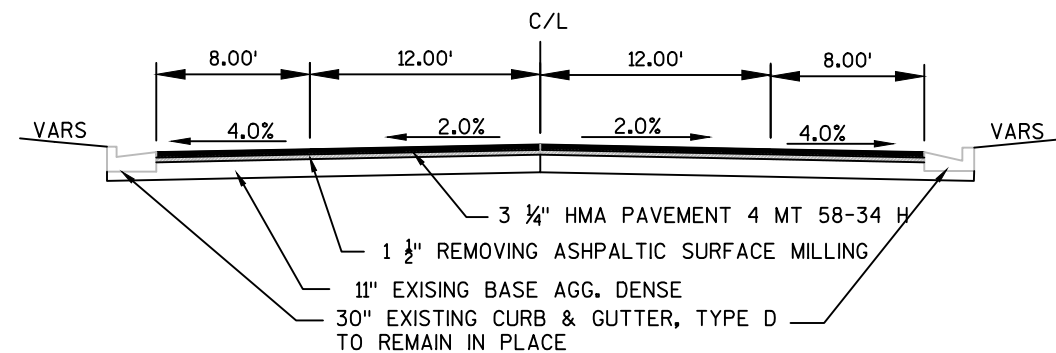
TYPICAL FINISHED SUPERELEVATED SECTION
STH 35

STA. 236+08.20 - STA. 238+05.91
STA. 247+08.91 - STA. 248+86.78
STA. 349+31.58 - STA. 354+97.09
STA. 363+20.25 - STA. 376+74.88
STA. 392+05.65 - STA. 402+04.06



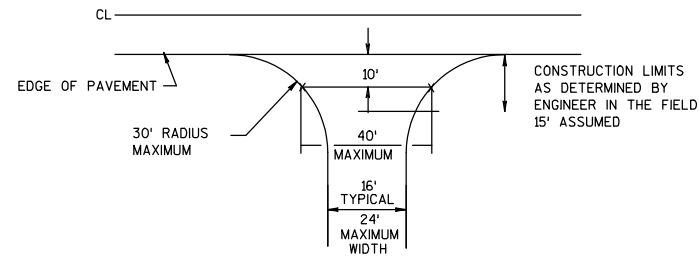
TYPICAL FINISHING SECTION
S.T.H. 35

STA. 234+00 - STA. 449+00

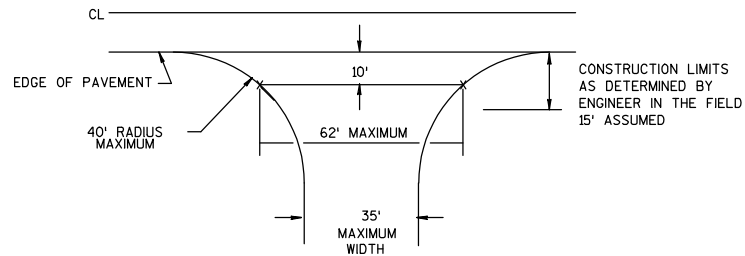


TYPICAL URBAN FINISHING SECTION
S.T.H. 35

STA. 233+75 - STA. 234+00 LT, RT
STA. 449+00 - STA. 452+64 RT
STA. 451+26 - STA. 452+64 LT

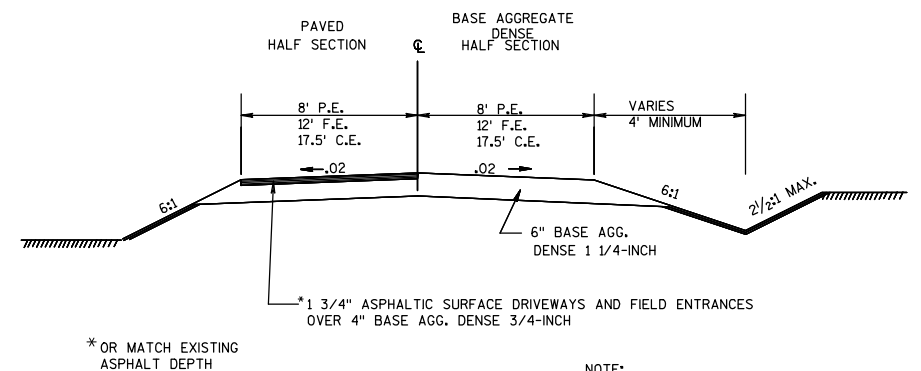
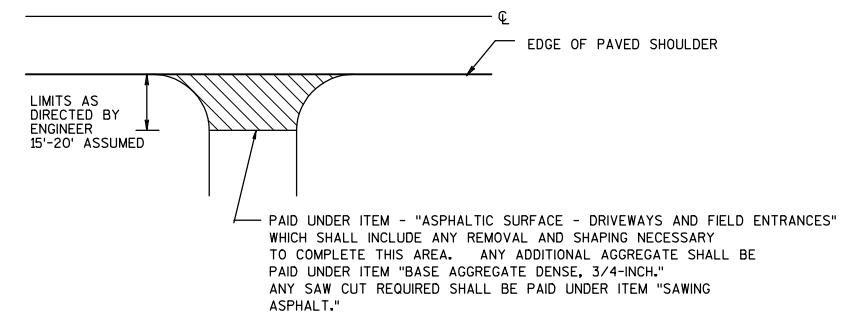


**TYPICAL DRIVEWAY DETAIL
(NON-COMMERCIAL RURAL)**

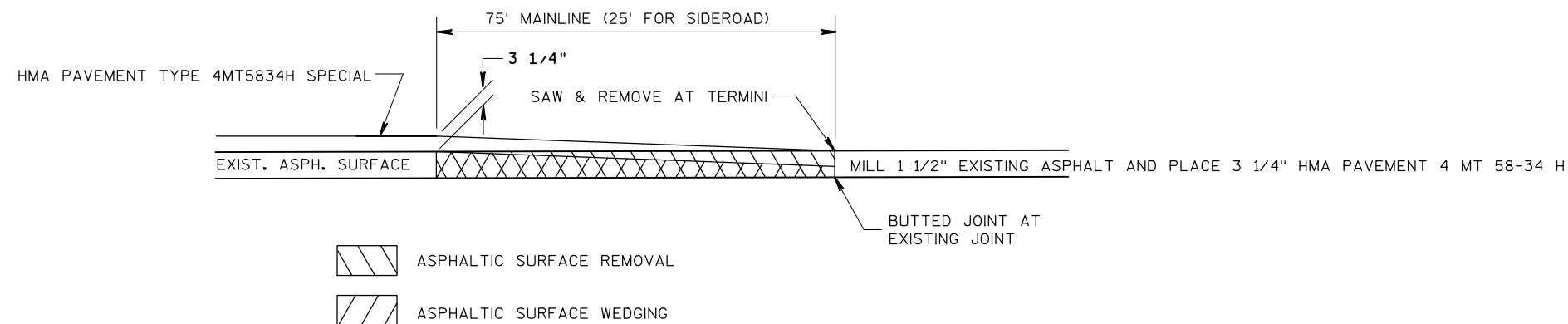


**TYPICAL DRIVEWAY DETAIL
(COMMERCIAL RURAL)**

RURAL DRIVEWAY DETAIL - ASPHALT



**TYPICAL SECTION
FOR PRIVATE ENTRANCES**

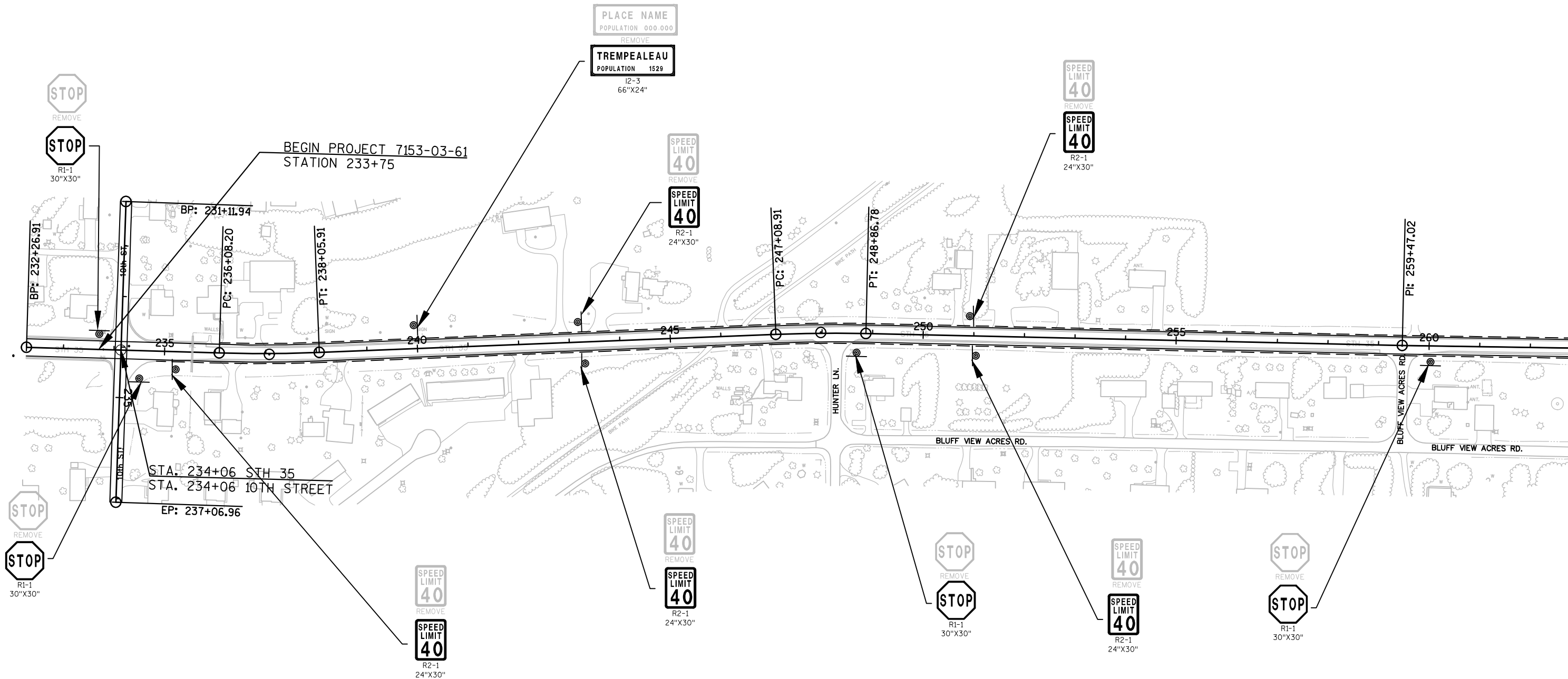


OVERLAP JOINT, BUTTED DETAIL

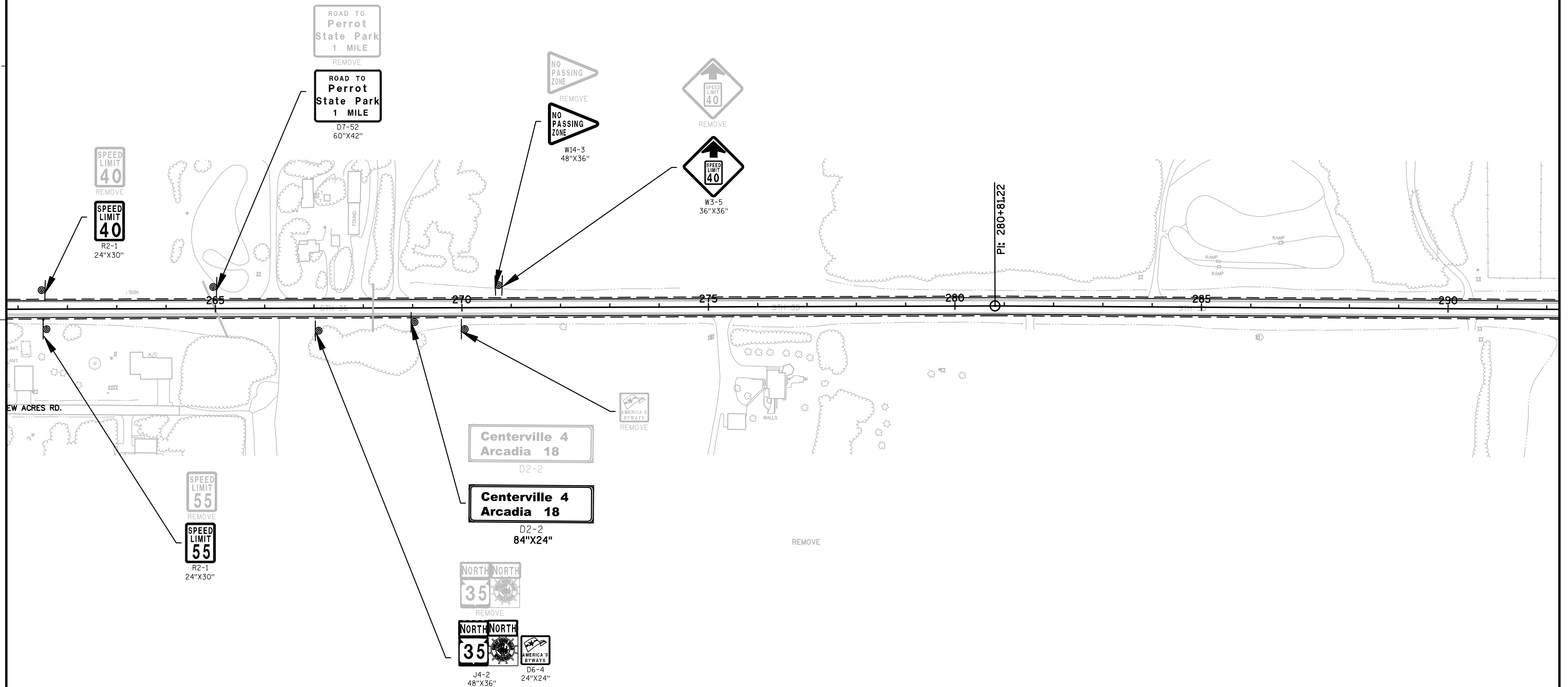
Superelevation Region	Station	Description	Left Outside Shoulder	Left Outside Lane	Right Outside Shoulder	Right Outside Lane
	232+26.91'	Begin Alignment	-4.00%	-2.00%	-4.00%	-2.00%
1	234+74.86'	End Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
1	234+74.86'	End Normal Crown	-4.00%	-2.00%	-2.00%	-2.00%
1	235+28.19'	Level Crown	-4.00%	-2.00%	0.00%	0.00%
1	235+81.53'	Reverse Crown	-4.00%	-2.00%	2.00%	2.00%
1	236+34.86'	Low Shoulder Match	-4.00%	-4.00%	4.00%	4.00%
1	236+48.19'	Begin Full Super	-4.50%	-4.50%	4.50%	4.50%
1	237+65.91'	End Full Super	-4.50%	-4.50%	4.50%	4.50%
1	237+79.25'	Low Shoulder Match	-4.00%	-4.00%	4.00%	4.00%
1	238+32.58'	Reverse Crown	-4.00%	-2.00%	2.00%	2.00%
1	238+85.91'	Level Crown	-4.00%	-2.00%	0.00%	0.00%
1	239+39.25'	Begin Normal Crown	-4.00%	-2.00%	-2.00%	-2.00%
1	239+39.25'	Begin Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
2	245+75.57'	End Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
2	245+75.57'	End Normal Crown	-2.00%	-2.00%	-4.00%	-2.00%
2	246+28.90'	Level Crown	0.00%	0.00%	-4.00%	-2.00%
2	246+82.23'	Reverse Crown	2.00%	2.00%	-4.00%	-2.00%
2	247+35.57'	Low Shoulder Match	4.00%	4.00%	-4.00%	-4.00%
2	247+48.90'	Begin Full Super	4.50%	4.50%	-4.50%	-4.50%
2	248+46.79'	End Full Super	4.50%	4.50%	-4.50%	-4.50%
2	248+60.12'	Low Shoulder Match	4.00%	4.00%	-4.00%	-4.00%
2	249+13.45'	Reverse Crown	2.00%	2.00%	-4.00%	-2.00%
2	249+66.79'	Level Crown	0.00%	0.00%	-4.00%	-2.00%
2	250+20.12'	Begin Normal Crown	-2.00%	-2.00%	-4.00%	-2.00%
2	250+20.12'	Begin Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
3	347+71.58'	End Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
3	347+71.58'	End Normal Crown	-4.00%	-2.00%	-2.00%	-2.00%
3	348+24.91'	Level Crown	-4.00%	-2.00%	0.00%	0.00%
3	348+78.24'	Reverse Crown	-4.00%	-2.00%	2.00%	2.00%
3	349+31.58'	Low Shoulder Match	-4.00%	-4.00%	4.00%	4.00%
3	349+84.91'	Begin Full Super	-6.00%	-6.00%	6.00%	6.00%
3	354+43.77'	End Full Super	-6.00%	-6.00%	6.00%	6.00%
3	354+97.10'	Low Shoulder Match	-4.00%	-4.00%	4.00%	4.00%
3	355+50.43'	Reverse Crown	-4.00%	-2.00%	2.00%	2.00%
3	356+03.77'	Level Crown	-4.00%	-2.00%	0.00%	0.00%
3	356+57.10'	Begin Normal Crown	-4.00%	-2.00%	-2.00%	-2.00%
3	356+57.10'	Begin Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%

Superelevation Region	Station	Description	Left Outside Shoulder	Left Outside Lane	Right Outside Shoulder	Right Outside Lane
4	362+08.25'	End Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
4	362+08.25'	End Normal Crown	-4.00%	-2.00%	-2.00%	-2.00%
4	362+61.58'	Level Crown	-4.00%	-2.00%	0.00%	0.00%
4	363+14.91'	Reverse Crown	-4.00%	-2.00%	2.00%	2.00%
4	363+49.58'	Begin Full Super	-4.00%	-3.30%	3.30%	3.30%
4	376+45.55'	End Full Super	-4.00%	-3.30%	3.30%	3.30%
4	376+80.22'	Reverse Crown	-4.00%	-2.00%	2.00%	2.00%
4	377+33.55'	Level Crown	-4.00%	-2.00%	0.00%	0.00%
4	377+86.89'	Begin Normal Crown	-4.00%	-2.00%	-2.00%	-2.00%
4	377+86.89'	Begin Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
5	390+45.64'	End Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
5	390+45.64'	End Normal Crown	-2.00%	-2.00%	-4.00%	-2.00%
5	390+98.97'	Level Crown	0.00%	0.00%	-4.00%	-2.00%
5	391+52.31'	Reverse Crown	2.00%	2.00%	-4.00%	-2.00%
5	392+05.64'	Low Shoulder Match	4.00%	4.00%	-4.00%	-4.00%
5	392+58.97'	Begin Full Super	6.00%	6.00%	-6.00%	-6.00%
5	401+50.73'	End Full Super	6.00%	6.00%	-6.00%	-6.00%
5	402+04.06'	Low Shoulder Match	4.00%	4.00%	-4.00%	-4.00%
5	402+57.40'	Reverse Crown	2.00%	2.00%	-4.00%	-2.00%
5	403+10.73'	Level Crown	0.00%	0.00%	-4.00%	-2.00%
5	403+64.06'	Begin Normal Crown	-2.00%	-2.00%	-4.00%	-2.00%
5	403+64.06'	Begin Normal Shoulder	-4.00%	-2.00%	-4.00%	-2.00%
	455+02.56'	End Alignment	-4.00%	-2.00%	-4.00%	-2.00%

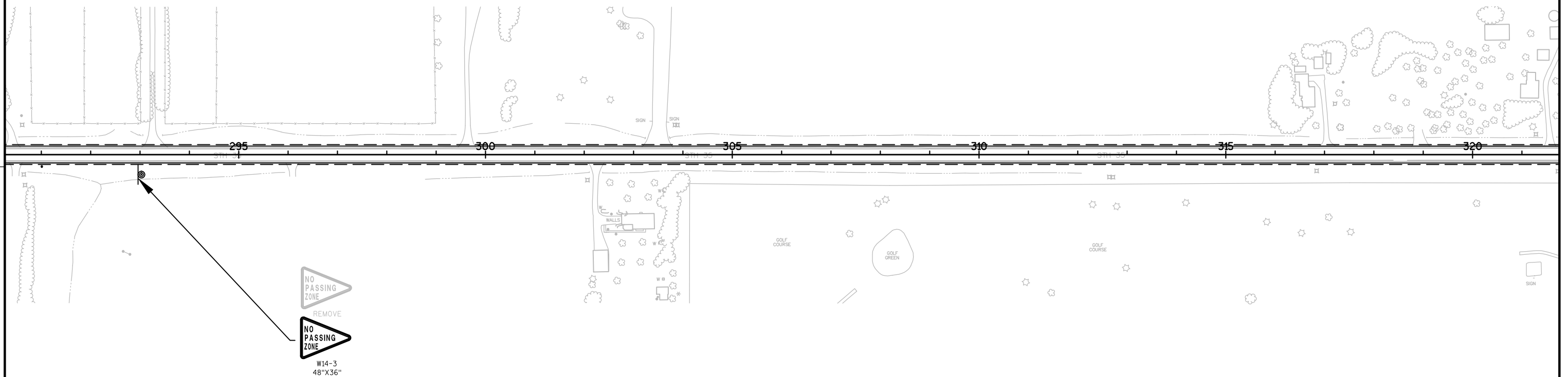
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THE NUMBER AND LOCATION TO BE DETERMINED BY ENGINEER.



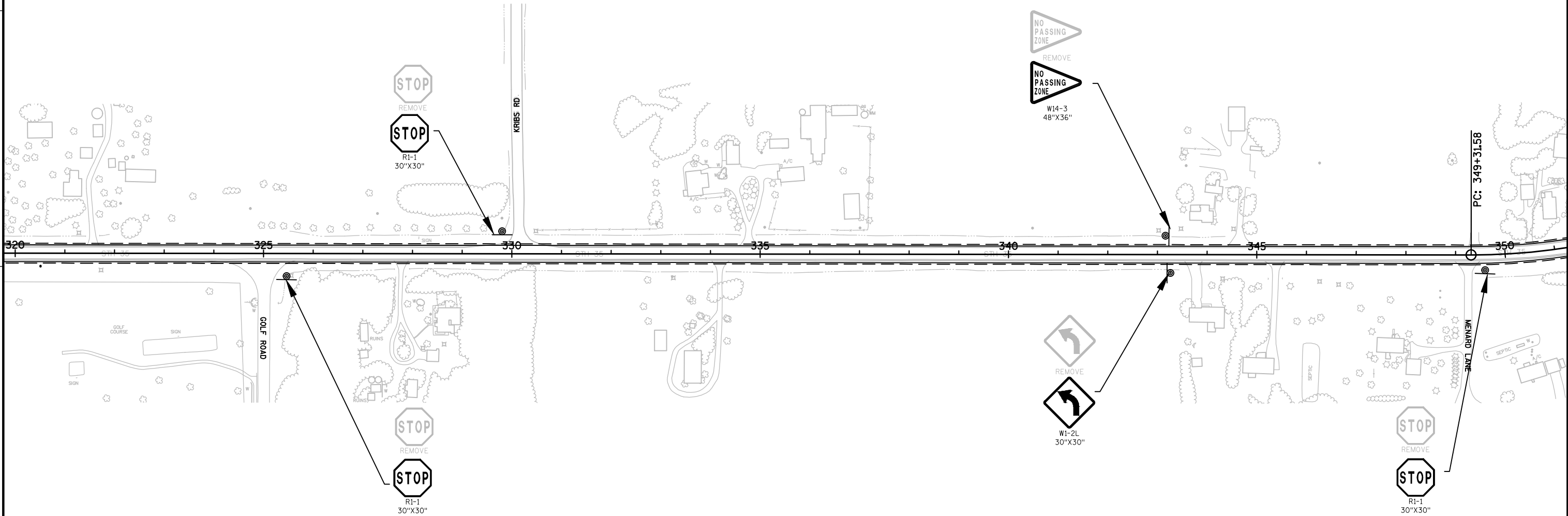
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THE NUMBER AND LOCATION TO BE DETERMINED BY ENGINEER.



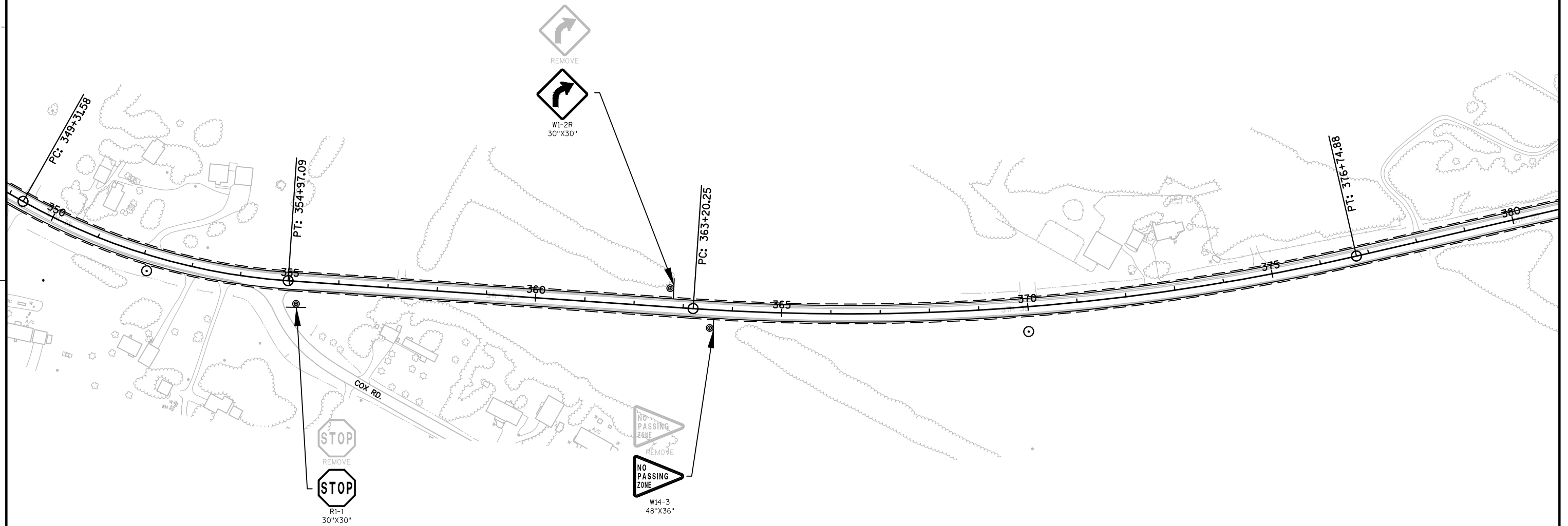
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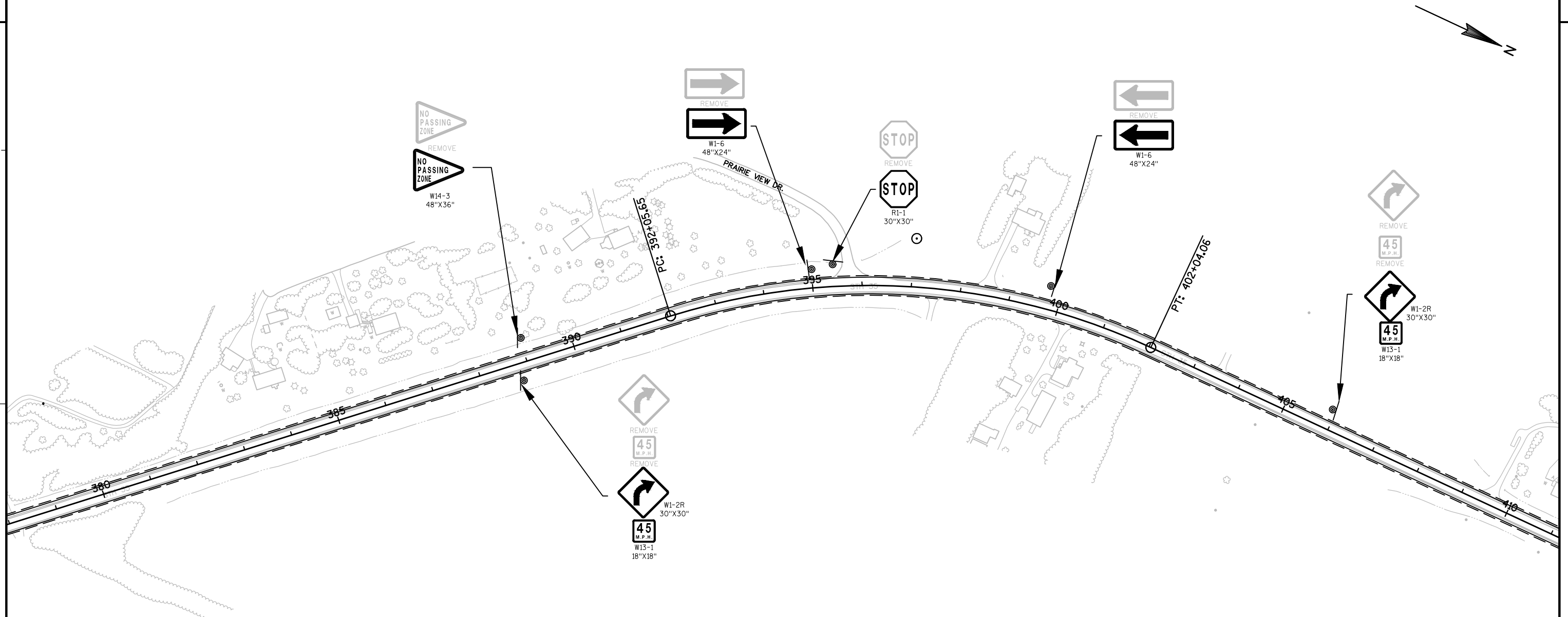
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THE NUMBER AND LOCATION TO BE DETERMINED BY ENGINEER.



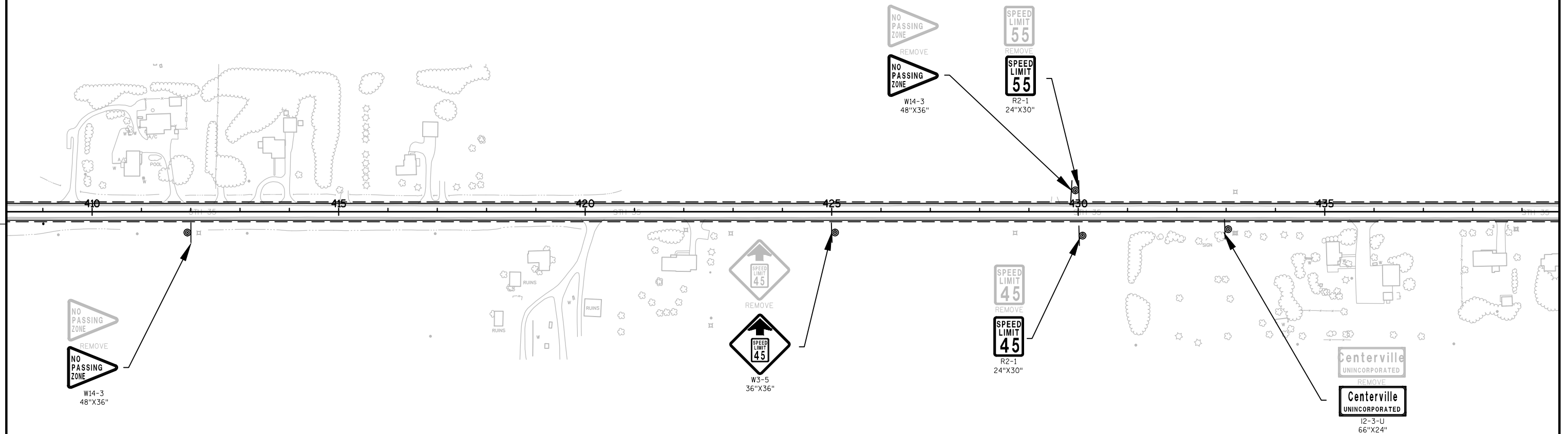
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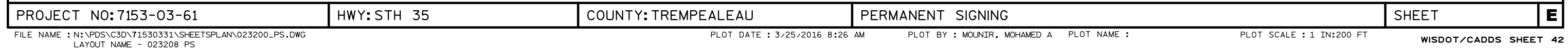


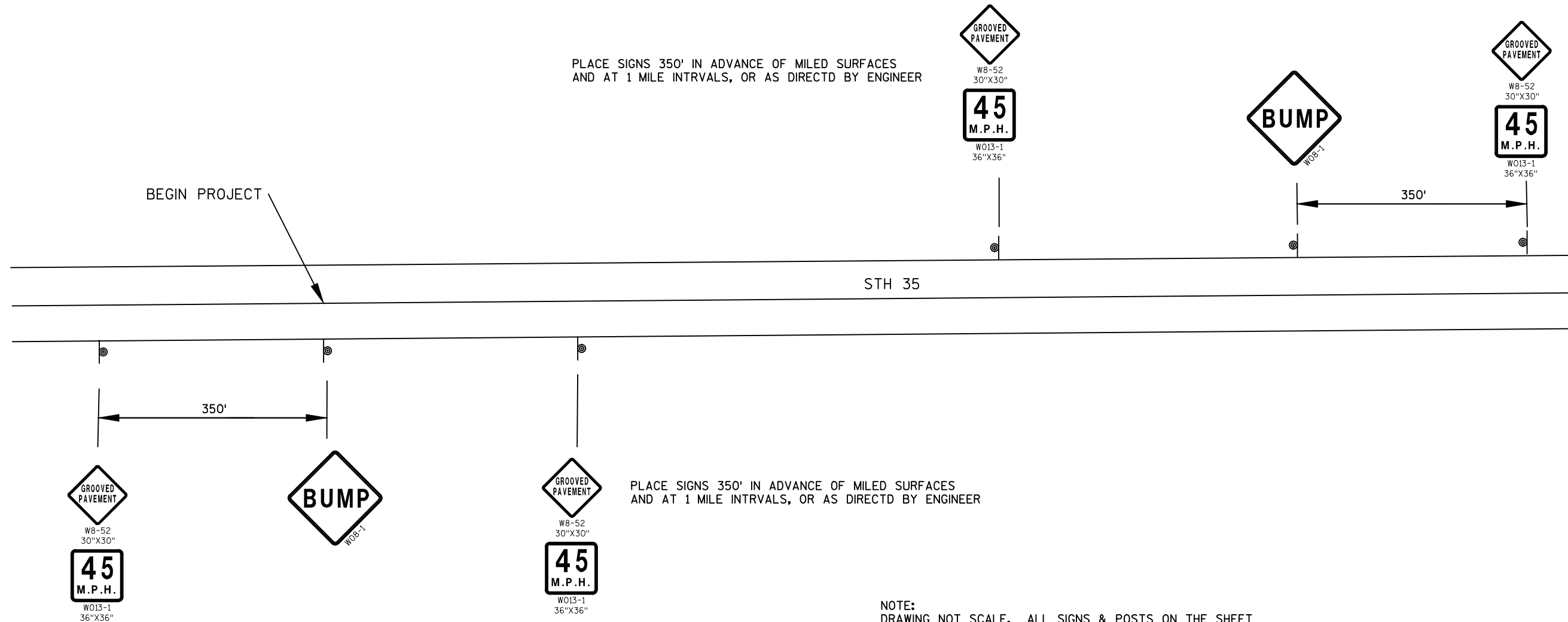
NOTE: NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED.
THE NUMBER AND LOCATION TO BE DETERMINED BY ENGINEER.



NO PASSING ZONE SIGNS AND POSTS TO BE INSTALLED AFTER SPOTTING IS COMPLETED.
THE NUMBER AND LOCATION TO BE DETERMINED BY ENGINEER.







DETAIL FOR SIGNING ON MAINLINE MILED SURFACES

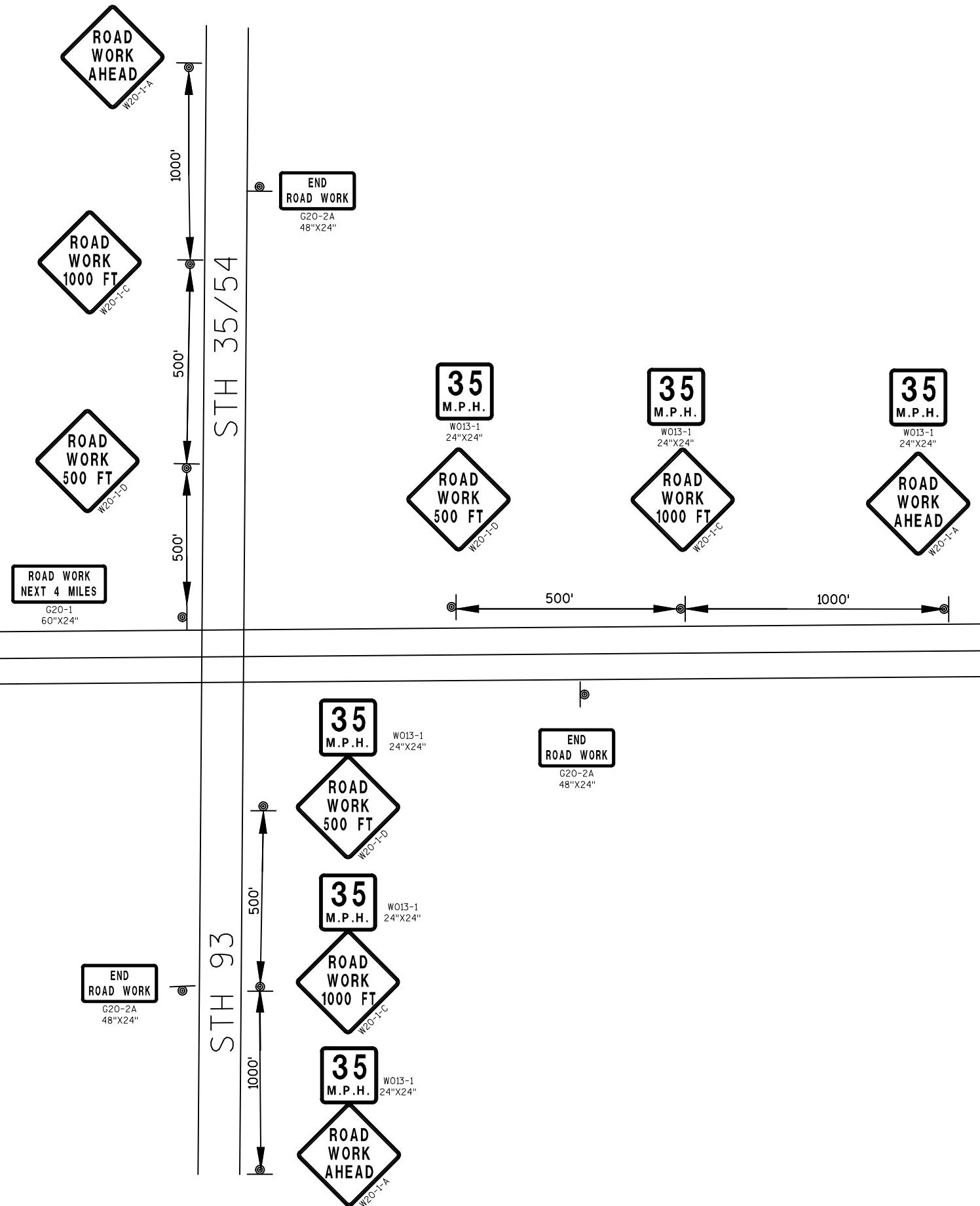
NOTE:
REFER TO SDD TRAFFIC CONTROL ADVANCE WARNING SIGNS 45 MPH OR GRATER TWO-WAY UNDIVIDED
ROAD OPEN TO TRAFFIC FOR SIGN SPACING.

FOR TRAFFIC CONTROL SIGNING DURING MOVING OPERATION. SEE SDD TRAFFIC CONTROL FOR LANE CLOSURE FOR
MOVING OPERATIONS.

ALL SIGNS ARE 48"X48" UNLESS NOTED.

LOCAL ACCESS SHALL BE MAINTANED AT ALL TIME.

THE EXACT NUMBER LOCATION AND SPACING OF ALL SIGNS AND DEVICES MAY ADJUSTED TO FIT FIELD CONDITIONS
AS DIRECTED BY ENGINEER.



Alignment: Alignment - STH 35 ALI							
Description:							
Layer: P_ALI-Base							
Tangent	N	310070	E	823577.4	Z	Station	232+26.91
	Distance	381.289'	Bearing	N 0° 8' 57.54 E"			
Arc							
	PC N	310451.3	E	823578.4		Station	236+08.2
	CC N	310458.8	E	820713.6			
	PI N	310550.2	E	823578.7		Station	237+07.09
		TAN	98.895'				
		DB	N 0° 8' 57.54 E"				
		DA	N 3° 48' 17.74 W"				
		LChord Di	197.673'	Bearing	N 1° 49' 40.1 W"		
		External D	1.706'				
		Middle Or	1.705'				
		Radius	2864.790'				
		DEG	2° 0' 0"				
		DELTA	3° 57' 15.28"				
		LENGTH	197.712'				
	PT N	310648.9	E	823572.1		Station	238+05.91
Tangent	N	310648.9	E	823572.1	Z	Station	238+05.91
	Distance	902.994'	Bearing	N 3° 48' 17.74 W"			
Arc							
	PC N	311549.9	E	823512.2		Station	247+08.91
	CC N	311740	E	826370.7			
	PI N	311638.7	E	823506.3		Station	247+97.87
		TAN	88.968'				
		DB	N 3° 48' 17.74 W"				
		DA	N 0° 14' 50.47 W"				
		LChord Di	177.850'	Bearing	N 2° 1' 34.1 W"		
		External D	1.381'				
		Middle Or	1.380'				
		Radius	2864.790'				
		DEG	2° 0' 0"				
		DELTA	3° 33' 27.27"				
		LENGTH	177.879'				

	PT N	311727.6	E	823505.9		Station	248+86.78
Tangent	N	311727.6	E	823505.9	Z	Station	248+86.78
	Distance	1060.232'	Bearing	N 0° 14' 50.47 W"			
Arc							
	PC N	312787.9	E	823501.3	Z	Station	259+47.02
	Distance	2134.207'	Bearing	N 0° 40' 43.86 W"			
Tangent	N	314921.9	E	823476.1	Z	Station	280+81.22
	Distance	6850.357'	Bearing	N 0° 8' 24.62 W"			
Arc							
	PC N	321772.3	E	823459.3		Station	349+31.58
	CC N	321769.1	E	822186.1			
	PI N	322059.8	E	823458.6		Station	352+19.08
		TAN	287.499'				
		DB	N 0° 8' 24.62 W"				
		DA	N 25° 35' 17.91 W"				
		LChord Di	560.877'	Bearing	N 12° 51' 51.26 W"		
		External D	32.055'				
		Middle Or	31.268'				
		Radius	1273.240'				
		DEG	4° 29' 59.99"				
		DELTA	25° 26' 53.29"				
		LENGTH	565.514'				
	PT N	322319.1	E	823334.4		Station	354+97.09
Tangent	N	322319.1	E	823334.4	Z	Station	354+97.09
	Distance	823.156'	Bearing	N 25° 35' 17.91 W"			
Arc							
	PC N	323061.5	E	822978.9		Station	363+20.25
	CC N	321081.8	E	818844.8			
	PI N	323676.9	E	822684.2		Station	370+02.54
		TAN	682.289'				
		DB	N 25° 35' 17.91 W"				
		DA	N 42° 31' 16.34 W"				

		LChord Di: 1349.707'	Bearing	N 34° 3' 17.13 W"			
		External C 50.502'					
		Middle Or 49.952'					
		Radius 4583.660'					
		DEG 1° 15' 0"					
		DELTA 16° 55' 58.43"					
		LENGTH 1354.631'					
	PT N	324179.7 E	822223.1		Station	376+74.88	
Tangent	N	324179.7 E	822223.1 Z		Station	376+74.88	
	Distance	1530.763'	Bearing N 42° 31' 16.34 W"				
Arc							
	PC N	325307.9 E	821188.5		Station	392+05.65	
	CC N	326219.1 E	822182.1				
	PI N	325693.7 E	820834.8		Station	397+28.99	
		TAN 523.347'					
		DB N 42° 31' 16.34 W"					
		DA N 0° 5' 19.85 W"					
		LChord Di: 975.751'	Bearing	N 21° 18' 18.09 W"			
		External C 98.018'					
		Middle Or 91.375'					
		Radius 1348.140'					
		DEG 4° 14' 59.95"					
		DELTA 42° 25' 56.5"					
		LENGTH 998.411'					
	PT N	326217 E	820834		Station	402+04.06	
Tangent	N	326217 E	820834 Z		Station	402+04.06	
	Distance	4608.303'	Bearing N 0° 5' 19.85 W"				
Tangent	N	330825.3 E	820826.8 Z		Station	448+12.36	
	Distance	690.198'	Bearing N 0° 10' 2.66 W"				
End	N	331515.5 E	820824.8 Z		Station	455+02.56	
Alignment Length = 22275.65'							

DATE 29MAR16		E S T I M A T E O F Q U A N T I T I E S			
LINE		7153-03-61			
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0010	204.0100	Removing Pavement	SY	6.000	6.000
0020	204.0115	Removing Asphaltic Surface Butt Joints	SY	1,092.000	1,092.000
0030	204.0120	Removing Asphaltic Surface Milling	SY	73,682.000	73,682.000
0040	204.0150	Removing Curb & Gutter	LF	276.000	276.000
0050	204.0160	Removing Lip Curb	LF	211.000	211.000
0060	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 7153-03-61	LS	1.000	1.000
0070	213.0100	Finishing Roadway (project) 01. 7153-03-61	EACH	1.000	1.000
0080	305.0110	Base Aggregate Dense 3/4-Inch	TON	1,725.000	1,725.000
0090	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	400.000	400.000
0100	305.0500	Shaping Shoulders	STA	430.000	430.000
0110	440.4410	Incentive IRI Ride	DOL	16,580.000	16,580.000
0120	455.0605	Tack Coat	GAL	7,569.000	7,569.000
0130	460.2000	Incentive Density HMA Pavement	DOL	10,185.000	10,185.000
0140	460.4110.S	Reheating HMA Pavement Longitudinal Joints	LF	21,886.000	21,886.000
0150	460.6444	HMA Pavement 4 MT 58-34 H	TON	15,914.000	15,914.000
0160	465.0110	Asphaltic Surface Patching	TON	100.000	100.000
0170	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	230.000	230.000
0180	465.0425	Asphaltic Shoulder Rumble Strips 2-Lane Rural	LF	43,040.000	43,040.000
0190	465.0475	Asphalt Center Line Rumble Strips 2-Lane Rural	LF	15,050.000	15,050.000
0200	520.8700	Cleaning Culvert Pipes	EACH	3.000	3.000
0210	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	487.000	487.000
0220	611.8110	Adjusting Manhole Covers	EACH	2.000	2.000
0230	611.8115	Adjusting Inlet Covers	EACH	2.000	2.000
0240	618.0100	Maintenance And Repair of Haul Roads (project) 01. 7153-03-61	EACH	1.000	1.000
0250	619.1000	Mobilization	EACH	1.000	1.000
0260	624.0100	Water	MGAL	30.000	30.000
0270	628.2006	Erosion Mat Urban Class I Type A	SY	245.000	245.000
0280	629.0205	Fertilizer Type A	CWT	9.500	9.500
0290	630.0130	Seeding Mixture No. 30	LB	800.000	800.000
0300	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	55.000	55.000
0310	637.2210	Signs Type II Reflective H	SF	476.500	476.500
0320	638.2602	Removing Signs Type II	EACH	75.000	75.000
0330	638.3000	Removing Small Sign Supports	EACH	50.000	50.000
0340	642.5201	Field Office Type C	EACH	1.000	1.000
0350	643.0100	Traffic Control (project) 01. 7153-03-61	EACH	1.000	1.000
0360	643.0300	Traffic Control Drums	DAY	7,875.000	7,875.000
0370	643.0900	Traffic Control Signs	DAY	3,525.000	3,525.000
0380	646.0106	Pavement Marking Epoxy 4-Inch	LF	42,240.000	42,240.000
0390	646.0156	Pavement Marking Epoxy 18-Inch	LF	42.000	42.000
0400	646.0406	Pavement Marking Same Day Epoxy 4-Inch	LF	15,769.000	15,769.000
0410	648.0100	Locating No-Passing Zones	MI	4.145	4.145
0420	649.0402	Temporary Pavement Marking Paint 4-Inch	LF	31,538.000	31,538.000
0430	650.8000	Construction Staking Resurfacing Reference	LF	21,889.000	21,889.000
0440	650.9910	Construction Staking Supplemental Control (project) 01. 7153-03-61	LS	1.000	1.000
0450	690.0150	Sawing Asphalt	LF	264.000	264.000
0460	690.0250	Sawing Concrete	LF	18.000	18.000

DATE 29MAR16		E S T I M A T E O F Q U A N T I T I E S			
LINE		7153-03-61			
NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
0470	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	2,000.000	2,000.000
0480	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	630.000	630.000
0490	SPV.0090	Special 01. Concrete Curb And Gutter Cure And Seal Treatment	LF	487.000	487.000
0500	SPV.0105	Special 01. Material Transfer Vehicle Special	LS	1.000	1.000
0510	SPV.0105	Special 02. Milling and Removing Temporary Joint	LS	1.000	1.000

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REMOVING PAVEMENT

CATEGORY	STATION	LOCATION	204.0100 SY	REMARKS
0010	250+67	STH 35	6	PE, LT
TOTAL 0010			6	

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO	STATION	LOCATION	204.0120 SY	REMARKS
0010	233+75	- 449+00	STH 35	71750	MAINLINE
0010	449+00	- 452+64	STH 35	1618	MAINLINE
0010	234+06	- 234+65	STH 35	157	10TH STREET, RT
0010	233+47	- 234+06	STH 35	157	10TH STREET, LT
TOTAL 0010				73682	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STATION TO	STATION	LOCATION	204.0115 SY	REMARKS
0010	233+00	- 233+75	STH 35	250	MAINLINE
0010	451+89	- 452+64	STH 35	250	MAINLINE
0010	234+65	- 234+90	STH 35	67	10TH STREET, RT
0010	233+22	- 233+37	STH 35	67	10TH STREET, LT
0010	242+00		STH 35	22	PE, RT
0010	245+90		STH 35	24	BIKE PARK, RT
0010	246+00		STH 35	24	BIKE PARK, LT
0010	246+70		STH 35	22	PE, RT
0010	248+30		STH 35	22	HUNTER LN, RT
0010	254+60		STH 35	22	PE, LT
0010	259+47		STH 35	24	BLUFF VIEW ACRES RD
0010	267+20		STH 35	18	PE, LT
0010	293+20		STH 35	13	PE, LT
0010	317+00		STH 35	13	PE, LT
0010	325+00		STH 35	26	GOLF RD, RT
0010	330+13		STH 35	22	KRIBS, RD, LT
0010	345+36		STH 35	13	PE, RT
0010	349+31		STH 35	18	MENARD LN, RT
0010	354+90		STH 35	26	COX RD, RT
0010	396+00		STH 35	22	PRAIRIE VIEWA RD, LT
0010	422+20		STH 35	18	PE, RT
0010	438+56		STH 35	18	PE, RT
0010	444+80		STH 35	13	PE, RT
0010	446+40		STH 35	13	PE, RT
0010	448+50		STH 35	26	PE, LT, RT
0010	449+65		STH 35	13	PE, LT
0010	450+00		STH 35	13	PE, RT
0010	451+00		STH 35	13	PE, LT
TOTAL 0010				1092	

REMOVING CURB & GUTTER

CATEGORY	STATION TO	STATION	LOCATION	204.0150 LF	REMARKS
0010	233+75		STH 35	39	10TH STREET, RT SE Radius
0010	233+75		STH 35	34	10TH STREET, LT NE Radius
0010	452+64		STH 35	88	RT
0010	452+64		STH 35	115	LT
TOTAL 0010				276	

REMOVING LIP CURB

CATEGORY	STATION	LOCATION	204.0160 LF	REMARKS
0010	235+81	STH 35	211	LT, NW RADIUS
TOTAL 0010			211	

PREPARE FOUNDATION FOR ASPHALTIC PAVING (7153-03-61)

CATEGORY	STATION TO	STATION	LOCATION	211.0100 LS	REMARKS
0010	233+75	- 452+64	STH 35	1	PROJECT
TOTAL 0010				1	

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FINISHING ROADWAY (7153-03-61)									
CATEGORY	STATION TO	STATION	LOCATION	213.0100 EACH	REMARKS	INCENTIVE IRI RIDE			
0010	233+75	- 452+64	STH 35	1	PROJECT		440.4410		
			TOTAL 0010	1		CATEGORY	STATION TO	STATION	LOCATION
						0010	23375	- 45264	STH 35
									16580
								TOTAL 0010	16580
BASE AGGREGATE DENSE 3/4-INCH									
TACK COAT									
CATEGORY	STATION TO	STATION	LOCATION	305.0110 TON	REMARKS	CATEGORY	STATION TO	STATION	LOCATION
0010	233+75	- 449+00	STH 35	1475	LT, RT SHOULDER	0010	233+75	- 449+00	STH 35
0010			STH 35	250	UNDISTRIBUTED, DIRECT BY ENGINEER	0010	449+00	- 452+64	STH 35
			TOTAL 0010	1725		0010	234+06	- 234+65	STH 35
						0010	233+47	- 234+06	STH 35
									200
								TOTAL 0010	7569
BASE AGGREGATE DENSE 1 1/4-INCH									
INCENTIVE DENSITY HMA PAVEMENT									
CATEGORY	STATION TO	STATION	LOCATION	305.0120 TON	REMARKS	CATEGORY	STATION TO	STATION	LOCATION
0010	233+75	- 452+64	STH 35	400	DRIVEWAY LT, RT	0010	233+75	- 452+64	STH 35
			TOTAL 0010	400					10185
								TOTAL 0010	10185
SHAPING SHOULDERS									
REHEATING HMA LONGITUDINAL JOINTS									
CATEGORY	STATION TO	STATION	LOCATION	305.0500 STA	REMARKS	CATEGORY	STATION TO	STATION	LOCATION
0010	233+75	- 449+00	STH 35	430	LT, RT	0010	233+75	- 452+64	STH 35
			TOTAL 0010	430					21886
								TOTAL 0010	21886

3

HMA PAVEMENT 4 MT 58-34 H						ASPHALT CENTER LINE RUMBLE STRIP 2-LANE RURAL					
460.6444						465.0475					
CATEGORY	STATION TO	STATION	LOCATION	TON	REMARKS	CATEGORY	STATION TO	STATION	LOCATION	LF	REMARKS
0010	233+75 -	449+00	STH 35	15349	MAINLINE	0010	262+50 -	323+00	STH 35	6050	CENTRLINE
0010	449+00 -	452+64	STH 35	305	MAINLINE	0010	332+00 -	347+31	STH 35	1531	CENTRLINE
0010	234+06 -	234+65	10TH STREET	30	RT	0010	351+31 -	394+00	STH 35	4269	CENTRLINE
0010	233+47 -	234+06	10TH STREET	30	LT	0010	398+00 -	430+00	STH 35	3200	CENTRLINE
0010			STH 35	200	UNDISTRIBUTED						
TOTAL 0010				15914		TOTAL 0010				15050	
ASPHALTIC SURFACE PATCHING						CLEANING CULVERT PIPES					
465.0110						520.8700					
CATEGORY	LOCATION		TON	REMARKS		CATEGORY	STATION TO	STATION	LOCATION	EACH	REMARKS
0010	STH 35		100	DIRECT BY ENGINEER		0010	235+00		STH 35	1	MAINLINE LT, RT
	TOTAL 0010		100			0010	265+00		STH 35	1	MAINLINE LT, RT
						0010	268+00		STH 35	1	MAINLINE LT, RT
						TOTAL 0010				3	
ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES						CONCRETE CURB & GUTTER 30-INCH TYPE D					
465.0120						601.0411					
CATEGORY	LOCATION		TON	REMARKS		CATEGORY	STATION		LOCATION	LF	REMARKS
0010	STH 35		230	DRIVEWAY AND FIELD ENTRANCE		0010	233+75		STH 35	39	10TH STREET, RT SE Radius
	TOTAL 0010		230			0010	233+75		STH 35	34	10TH STREET, LT NE Radius
						0010	452+64		STH 35	88	MAINLINE, RT
						0010	452+64		STH 35	115	MAINLINE, RT
						0010	235+81		STH 35	211	LT, NW RADIUS
						TOTAL 0010				487	
ASPHALTIC SHOULDER RUMBLE STRIP 2-LANE RURAL						ADJUSTING MANHOLE COVERS					
465.0425						611.8110					
CATEGORY	STATION TO	STATION	LOCATION	LF	REMARKS	CATEGORY	STATION		LOCATION	EACH	REMARKS
0010	233+75 -	449+00	STH 35	43040	RT, LT	0010	233+84		STH 35	1	MAINLINE
TOTAL 0010				43040		0010	234+34		STH 35	1	MAINLINE
						TOTAL 0010				2	
PROJECT NO: 7153-03-61		HWY: STH 35		COUNTY: TREMPPEALEAU		MISCELLANEOUS QUANTITIES				SHEET:	

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ADJUSTING INLET COVERS

CATEGORY	STATION	LOCATION	611.8115 EACH	REMARKS
0010	233+75	STH 35	1	RT
0010	235+53	STH 35	1	LT
TOTAL 0010			2	

EROSION MAT URBAN CLASS I TYPE A

CATEGORY	STATION	LOCATION	628.20 06 SY	REMARKS
0010	233+75	STH 35	35	10TH STREET, RT SE Radius
0010	233+75	STH 35	30	10TH STREET, LT NE Radius
0010	452+64	STH 35	78	RT
0010	452+64	STH 35	102	LT
TOTAL 0010			245	

MAINTENANCE AND REPAIR OF HAUL ROADS (7153-03-61)

CATEGORY	STATION TO STATION	LOCATION	618.0100 EACH	REMARKS
0010	233+75 - 452+64	STH 35	1	PROJECT
TOTAL 0010			1	

FERTILIZER TYPE A

CATEGORY	STATION TO STATION	LOCATION	629.0205 CWT	REMARKS
0010	244+75 - 452+94	STH 35	9.50	SHOULDER LT, RT
TOTAL 0010			9.50	

MOBILIZATION

CATEGORY	STATION TO STATION	LOCATION	619.1000 EACH	REMARKS
0010	233+75 - 452+64	STH 35	1	PROJECT
TOTAL 0010			1	

SEEDING MIXTURE NO. 30

CATEGORY	STATION TO STATION	LOCATION	630.0130 LB	REMARKS
0010	244+75 - 452+94	STH 35	800	SHOULDER LT, RT
TOTAL 0010			800	

WATER

CATEGORY	STATION TO STATION	LOCATION	624.0100 MGAL	REMARKS
0010	233+75 - 452+64	STH 35	30	SHOULDERS (FOR BASE AGGREGATE COMPACTION)
TOTAL 0010			30	

SIGNS REFLETIVE TYPE II AND SUPPORTS
REMOVING SIGNS TYPE II AND SMALL SIGNS SUPPORTS

STH 35

STATION	LOCATION	Code	Code Description	Size Width	Size Height	Order Line 1	Order Line 2	Order Line 3	637.2210	634.0616	638.2602	638.3000	Site ID
									SIGN REFLECTIVE TYPE II (SF)	POSTED WOOD 4X6X16-FT (EACH)	Removing Signs Type II (EACH)	REMOVING SMALL SIGNS SUPPORTS (EACH)	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	E. Tenth St.
235+00	Right	R2-1	Speed Limit 40 MPH	24"	30"	40			5.00	1.00	1.00	1.00	
243+00	Right	R2-1	Speed Limit 40 MPH	24"	30"	40			5.00	1.00	1.00	1.00	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	Hunter Lane
251+00	Right	R2-1	Speed Limit 40 MPH	24"	30"	40			5.00	1.00	1.00	1.00	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	Bluff View Acres-NO.
262+50	Right	R2-1	Speed Limit 55 MPH	24"	30"	55			5.00	1.00	1.00	1.00	
267+00	Right	J4-2	Reassurance Assembly (2 Headed Route Panel)	48"	36"	NORTH NORTH	35-GRR		12.00	1.00	4.00	1.00	
268+50	Right	D2-2	Destination/Distance (Two) with Die Cut Letters	84"	24"	Centerville 4	Arcadia 18		14.00	2.00	1.00	1.00	
270+00	Right	D6-4	National Scenic Byway	24"	24"				4.00	1.00	1.00	1.00	
293+00	Right	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	Golf Rd.
343+15	Right	W1-2L	Left Curve	30"	30"				6.25	1.00	1.00	1.00	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	Menard Ln
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	Cox Rd
363+55	Right	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
389+00	Right	W13-1	Advisory Speed Plate (Yellow Back)	18"	18"	45			2.25	1.00	1.00	1.00	
389+00	Right	W1-2R	Right Curve	30"	30"				6.25		1.00		
412+00	Right	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
425+00	Right	W3-5	Speed Limit_ Ahead [Arrow]	36"	36"	45			9.00	1.00	1.00	1.00	
430+00	Right	R2-1	Speed Limit 45 MPH	24"	30"	45			5.00	1.00	1.00	1.00	
433+00	Right	I-2-3	Community Population Name Sign (With Number)	66"	24"	Centerville	unincorporated		11.00	2.00	1.00	1.00	
441+00	Right	W3-1	Stop Ahead	36"	36"				9.00	1.00	1.00	1.00	
443+15	Right	J1-2	Junction or End Assembly (2 Headed Panel)	48"	39"	Jct Jct	54 93		13.00	1.00	4.00	1.00	
446+50	Right	J2-2	Route Turn Assembly (2 Headed Route Panel)	48"	57"	NORTH NORTH	35 GRR	[LT] [LT]	19.00	2.00	6.00	2.00	
446+50	Right	D6-4	National Scenic Byway	24"	24"				4.00		1.00		
448+30	Right	D1-3	Triple Destination/Arrow	72"	42"	[UA] Arcadia	[LA] Winona	Galesville [RA]	21.00	2.00	1.00	1.00	
452+60	Right	R1-1	Stop	36"	36"				9.00				
452+60	Right	R1-3-P	All Way	24"	9"				1.50				
453+00	Right	D6-4	National Scenic Byway	24"	24"				4.00		1.00		
453+00	Right	J13-3	Directional without Cardinal	72"	45"	35 54 93	[LA] [DBA] [U/RA]		12.50	2.00	6.00	2.00	STH 93
								SHEET TOTAL:	265.25	31.00	45.00	28.00	

SIGNS REFLECTIVE TYPE II AND SUPPORTS
REMOVING SIGNS TYPE II AND SMALL SIGNS SUPPORTS

STH 35

STATION	LOCATION	Code	Code Description	Size Width	Size Height	Order Line 1	Order Line 2	Order Line 3	637.2210	634.0616	638.2602	638.3000	Site ID
									SIGN REFLECTIVE TYPE II (SF)	POSTED WOOD 4X6X16-FT (EACH)	Removing Signs Type II (EACH)	REMOVING SMALL SIGNS SUPPORTS (EACH)	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	W. Tenth St.
240+00	Left	I2-3	Community Population Name Sign (with Number)	66"	24"	Trempealeau	Population 1529		11.00	2.00	1.00	2.00	
243+00	Left	R2-1	Speed Limit 40 MPH	24"	30"	40			5.00	1.00	1.00	1.00	
251+00	Left	R2-1	Speed Limit 40 MPH	24"	30"	40			5.00	1.00	1.00	1.00	
262+50	Left	R2-1	Speed Limit 40 MPH	24"	30"	40			5.00	1.00	1.00	1.00	
265+00	Left	D7-52	Road To (Name State Park) (1) Mile	60"	42"	Perrot			17.5	2.00	1.00	1.00	
270+75	Left	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
270+75	Left	W3-5	Advisory Speed - Whit Black	36"	36"		40		9.00		1.00	1.00	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	Kribs Road
343+15	Left	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
362+75	Left	W1-2R	Right Curve	30"	30"				6.25	1.00	1.00	1.00	
389+00	Left	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
395+00	Left	W1-6	Night Arrow (Single)	48"	24"				8.00	1.00	1.00	1.00	
	Crossroad	R1-1	Stop	30"	30"				6.25	1.00	1.00	1.00	Prairie View Ln
399+90	Left	W1-6	Night Arrow (Single)	48"	24"				8.00	1.00	1.00	1.00	
406+00	Left	W13-1	Advisory Speed Plate (Yellow Back)	18"	18"	45			2.25	1.00	1.00	1.00	
406+00	Left	W1-2L	Left Curve	30"	30"				6.25		1.00		
430+00	Left	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
430+00	Left	R2-1	Speed Limit 55 MPH	24"	30"	55			5.00		1.00		
441+00	Left	W3-1	Stop Ahead	36"	36"				9.00	1.00	1.00	1.00	
445+00	Left	D6-4	National Scenic Byway	24"	24"				4.00	1.00	1.00		
447+00	Left	W14-3	No Passing Zone	48"	36"				12.00	1.00	1.00	1.00	
447+00	Left	R2-1	Speed Limit 55 MPH	24"	30"	55					1.00		
448+00	Left	D2-1	Trempealeau 5	84"	15"				8.75	2.00	1.00	1.00	
448+00	Left	J4-2	Reassurance Assembly (2 Headed Route Panel)	48"	36"	South South	35 GRR		12.00		4.00		
451+20	Left	R2-1	Speed Limit 45 MPH	24"	30"	45			9.00	1.00	1.00	1.00	
452+60	Left	R1-1	Stop	36"	36"				1.50		1.00		
452+60	Left	R1-3-P	All Way	24"	9"								
								SHEET TOTAL:	211.25	24.00	30.00	22.00	
								TOTAL 0010	476.50	55.00	75.00	50.00	

FIELD OFFICE TYPE C						PAVEMENT MARKING EPOXY 4-INCH					
CATEGORY	STATION TO	STATION	LOCATION	642.5201 EACH	REMARKS	CATEGORY	STATION TO	STATION	LOCATION	646.0106 LF	REMARKS
0010	233+75	- 452+64	STH 35	1	PROJECT	0010	233+75	- 247+48	STH 35	2746	W-EDGE LINE LT, RT
						0010	248+01	- 259+63	STH 35	2324	W-EDGE LINE LT, RT
						0010	260+16	- 324+05	STH 35	12778	W-EDGE LINE LT, RT
						0010	325+63	- 348+33	STH 35	4540	W-EDGE LINE LT, RT
						0010	348+33	- 353+08	STH 35	950	W-EDGE LINE LT, RT
						0010	354+14	- 448+65	STH 35	18902	W-EDGE LINE LT, RT
			TOTAL 0010	1							
									TOTAL 0010	42240	
TRAFFIC CONTROL (7153-03-61)						PAVEMENT MARKING EPOXY 18-INCH					
CATEGORY	STATION TO	STATION	LOCATION	643.0100 EACH	REMARKS	CATEGORY	STATION	LOCATION	646.0156 LF	REMARKS	
0010	233+75	- 452+64	STH 35	1	PROJECT	0010	453+00	STH 35	42	NB AND EB, (W-STOPBAR)	
			TOTAL 0010	1					TOTAL 0010	42	
TRAFFIC CONTROL DRUMS						PAVEMENT MARKING SAME DAY EPOXY 4-INCH					
CATEGORY	STATION TO	STATION	LOCATION	643.0300 DAY	REMARKS	CATEGORY	STATION TO	STATION	LOCATION	646.0406 LF	REMARKS
0010	233+75	- 452+64	STH 35	7875	105 DRUMS X 75 DAYS	0010	233+75	- 270+18	STH 35	911	Y-DASH, C\L
						0010	270+18	- 278+10	STH 35	990	Y-SOLID-DASH, C\L
						0010	278+10	- 281+27	STH 35	79	Y-DASH, C\L
						0010	281+27	- 289+19	STH 35	990	Y-SOLID-DASH, C\L
						0010	289+19	- 341+99	STH 35	1320	Y-DASH, C\L
						0010	341+99	- 352+02	STH 35	1254	Y-SOLID-DASH, C\L
						0010	352+02	364+16	STH 35	1518	Y-SOLID-DASH, C\L
			TOTAL 0010	7875							
TRAFFIC CONTROL SIGNS						0010	364+16	384+75	STH 35	515	Y-DASH, C\L
						0010	384+75	394+78	STH 35	1254	Y-SOLID-DASH, C\L
						0010	394+78	397+95	STH 35	634	Y-SOLID-DASH, C\L
						0010	397+95	411+15	STH 35	1650	Y-SOLID-DASH, C\L
						0010	411+15	430+69	STH 35	488	Y-DASH, C\L
						0010	430+69	435+97	STH 35	638	Y-SOLID-DASH, C\L
						0010	435+97	453+39	STH 35	3528	Y-SOLID-DASH, C\L
			TOTAL 0010	3525							
									TOTAL 0010	15769	

LOCATING NO-PASSING ZONES

CATEGORY	STATION TO	STATION	LOCATION	648.0100 MI	REMARKS
0010	233+75	- 452+64	STH 35	4.145	PROJECT
TOTAL 0010				4.145	

TEMPORARY PAVEMENT MARKING PAINT 4-INCH

CAT.	STATION TO	STATION	LOCATION	649.0402 LF	REMARKS
0010	233+75	- 270+18	STH 35	911	Y-DASH, C\L (MILLING LAYER)
0010	270+18	- 278+10	STH 35	990	Y-SOLID-DASH, C\L (MILLING LAYER)
0010	278+10	- 281+27	STH 35	79	Y-DASH, C\L (MILLING LAYER)
0010	281+27	- 289+19	STH 35	990	Y-SOLID-DASH, C\L (MILLING LAYER)
0010	289+19	- 341+99	STH 35	1320	Y-DASH, C\L (MILLING LAYER)
0010	341+99	- 352+02	STH 35	1254	Y-SOLID-DASH, C\L (MILLING LAYER)
0010	352+02	364+16	STH 35	1518	Y-SOLID-DASH, C\L (MILLING LAYER)
0010					
0010	364+16	384+75	STH 35	515	Y-DASH, C\L (MILLING LAYER)
0010	384+75	394+78	STH 35	1254	Y-SOLID-DASH, C\L (MILLING LAYER)
0010	394+78	397+95	STH 35	634	Y-SOLID-DASH, C\L (MILLING LAYER)
0010	397+95	411+15	STH 35	1650	Y-SOLID-DASH, C\L (MILLING LAYER)
0010	411+15	430+69	STH 35	488	Y-DASH, C\L (MILLING LAYER)
0010	430+69	435+97	STH 35	638	Y-SOLID-DASH, C\L (MILLING LAYER)
0010	435+97	453+39	STH 35	3528	Y-SOLID-DASH, C\L (MILLING LAYER)
0010					
0010	233+75	- 270+18	STH 35	911	Y-DASH, C\L (FIRST LAYER)
0010	270+18	- 278+10	STH 35	990	Y-SOLID-DASH, C\L (FIRST LAYER)
0010	278+10	- 281+27	STH 35	79	Y-DASH, C\L (FIRST LAYER)
0010	281+27	- 289+19	STH 35	990	Y-SOLID-DASH, C\L (FIRST LAYER)
0010	289+19	- 341+99	STH 35	1320	Y-DASH, C\L (FIRST LAYER)
0010	341+99	- 352+02	STH 35	1254	Y-SOLID-DASH, C\L (FIRST LAYER)
0010	352+02	364+16	STH 35	1518	Y-SOLID-DASH, C\L (FIRST LAYER)
0010					
0010	364+16	384+75	STH 35	515	Y-DASH, C\L (FIRST LAYER)
0010	384+75	394+78	STH 35	1254	Y-SOLID-DASH, C\L (FIRST LAYER)
0010	394+78	397+95	STH 35	634	Y-SOLID-DASH, C\L (FIRST LAYER)
0010	397+95	411+15	STH 35	1650	Y-SOLID-DASH, C\L (FIRST LAYER)
0010	411+15	430+69	STH 35	488	Y-DASH, C\L (FIRST LAYER)
0010	430+69	435+97	STH 35	638	Y-SOLID-DASH, C\L (FIRST LAYER)
0010	435+97	453+39	STH 35	3528	Y-SOLID-DASH, C\L (FIRST LAYER)
TOTAL 0010				31538	

CONSTRUCTION STAKING RESURFACING REFERENCE

CATEGORY	STATION TO	STATION	LOCATION	650.8000 LF	REMARKS
0010	233+75	- 452+64	STH 35	21889	PROJECT
TOTAL 0010				21889	

CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (7153-03-61)

CATEGORY	LOCATION	650.9910 LS	REMARKS
0010	STH 35	1	PROJECT
TOTAL 0010		1	

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 LF	REMARKS
0010	233+75	STH 35	30	MAINLINE
0010	452+64	STH 35	30	MAINLINE
0010	234+64	STH 35	24	10TH STREET, RT
0010	233+22	STH 35	24	10TH STREET, LT
0010	245+90	STH 35	18	BIKE PARK. RT
0010	246+32	STH 35	18	BIKE PARK. LT
0010	248+25	STH 35	20	HUNTER LN, RT
0010	248+25	STH 35	20	BLUFF VIEW, RT
0010	325+00	STH 35	20	GOLF ROAD, RT
0010	330+10	STH 35	20	KRIBS ROAD, LT
0010	349+51	STH 35	20	MENARD LANE, RT
0010	395+80	STH 35	20	PRAIRIE DR, LT
TOTAL 0010			264	

SAWING CONCRETE

CATEGORY	STATION	LOCATION	690.0250 LF	REMARKS
0010	250+67	STH 35	18	PE, LT
TOTAL 0010			18	

CONCRETE CURB AND GUTTER CURE AND SEAL TREATMENT

SPV.0090.01				
CATEGORY	STATION	LOCATION	LF	REMARKS
0010	233+75	STH 35	39	10TH STREET, RT SE RADIUS
0010	233+75	STH 35	34	10TH STREET, LT NE RADIUS
0010	452+64	STH 35	88	MAINLINE, RT
0010	452+64	STH 35	115	MAINLINE, RT
0010	235+81	STH 35	211	NW RADIUS, LT
TOTAL 0010			487	

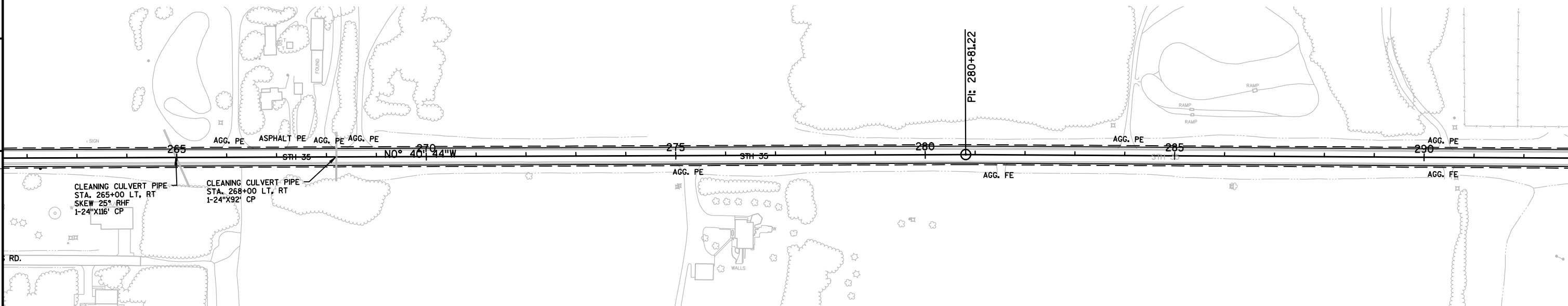
MATERIAL TRANSFER VEHICLE SPECIAL

SPV.0105.01				
CATEGORY	STATION TO	STATION	LOCATION	LS
0010	233+75	- 452+64	STH 35	1
TOTAL 0010				1

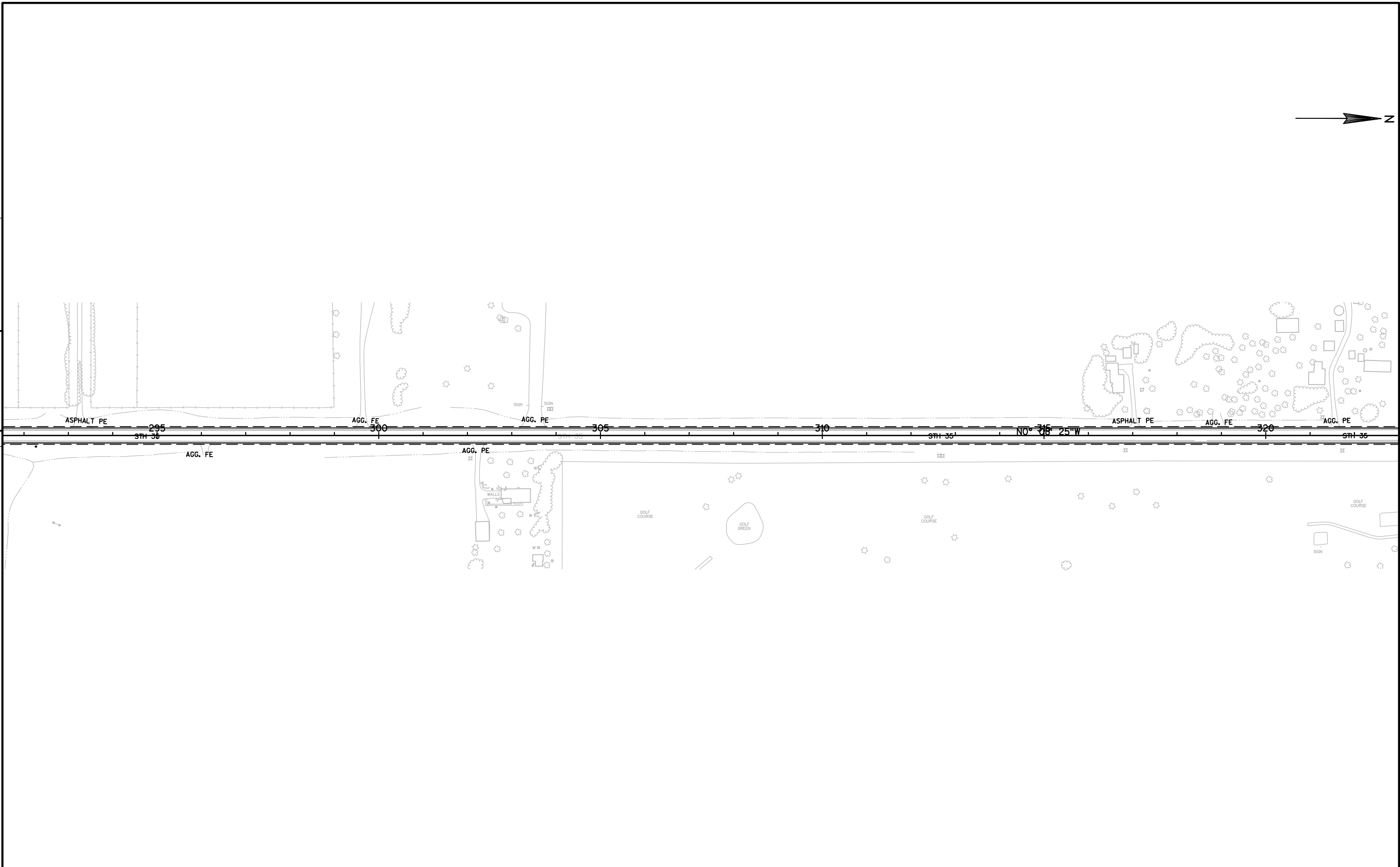
MILLING AND REMOVING TEMPORARY JOINT

SPV.0105.02				
CATEGORY	STATION TO	STATION	LOCATION	LS
0010	233+75	- 452+64	STH 35	1
TOTAL 0010				1

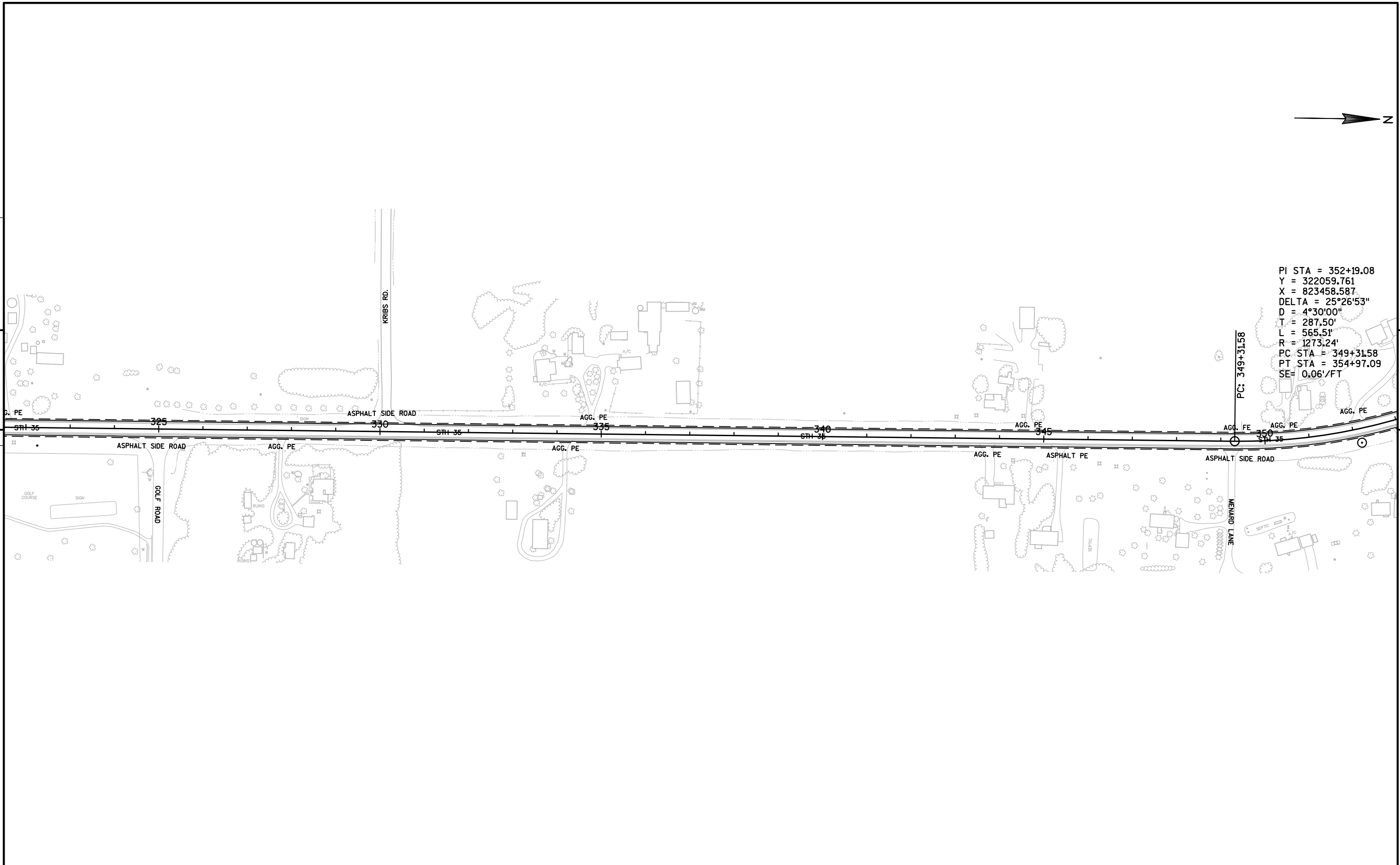
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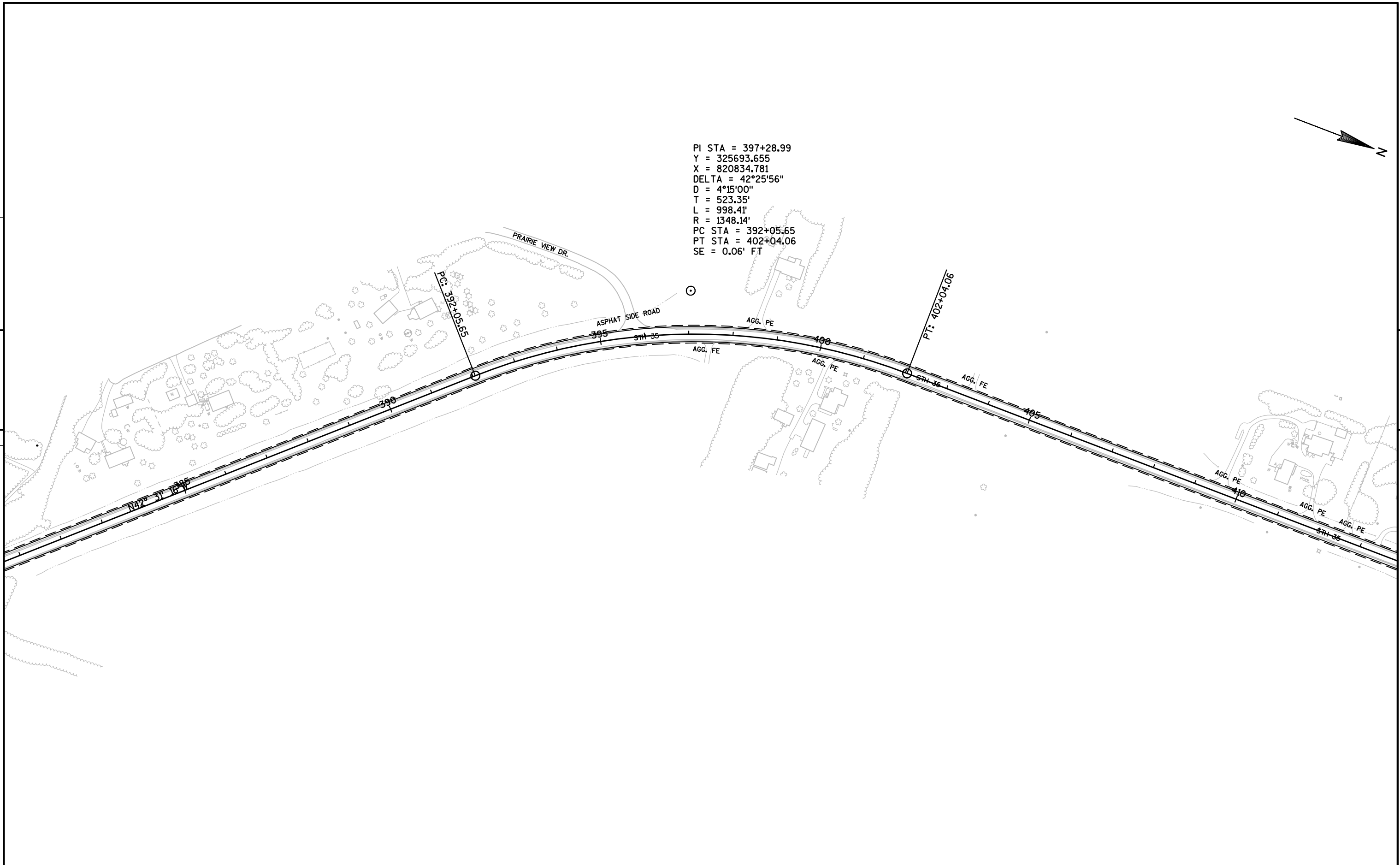
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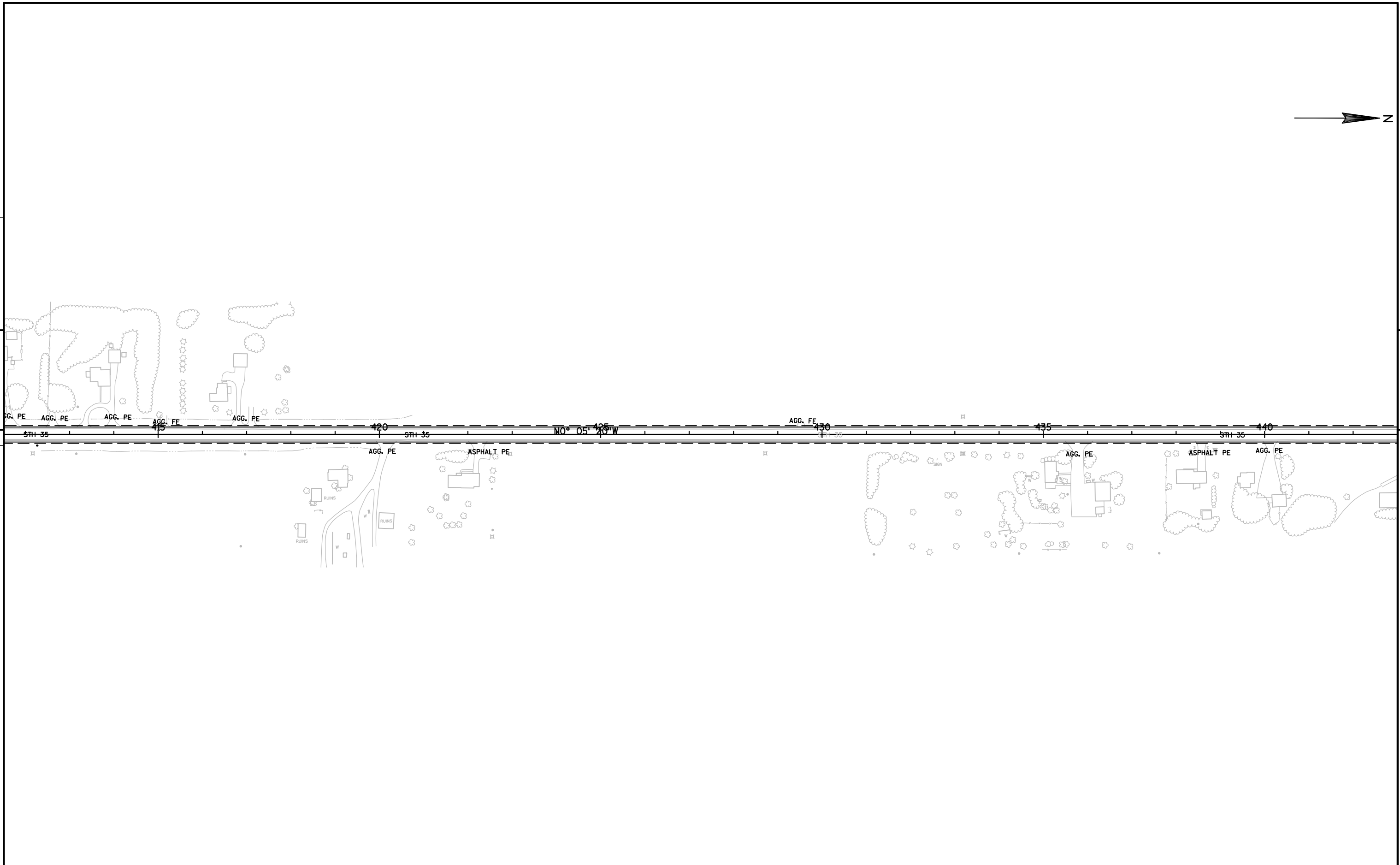


PROJECT NO: 7153-03-61	HWY: STH 35	COUNTY: TREMPEALEAU	PLAN	SHEET	E
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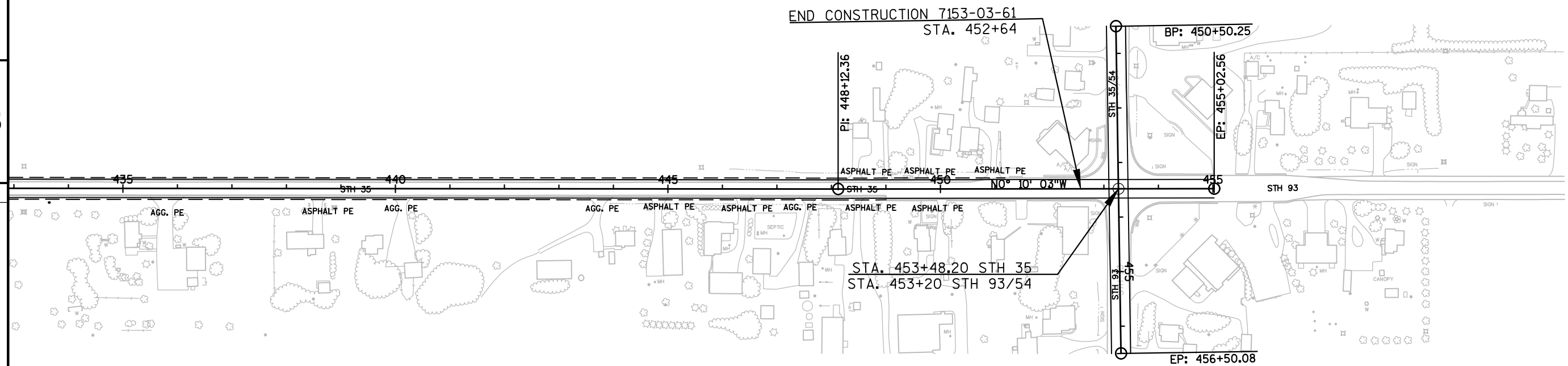
PROJECT NO: 7153-03-61	HWY: STH 35	COUNTY: TREMPEALEAU	PLAN	SHEET	E
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PROJECT NO: 7153-03-61	HWY: STH 35	COUNTY: TREMPEALEAU	PLAN	SHEET	E
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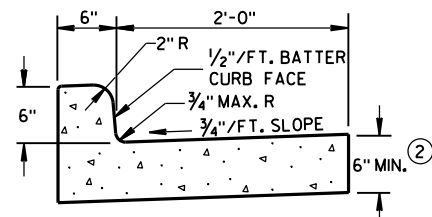
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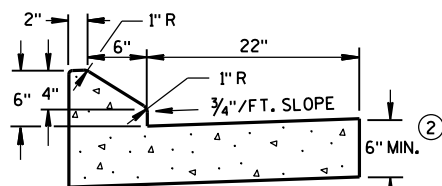
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Standard Detail Drawing List

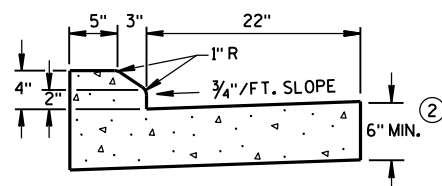
08D01-18	CONCRETE CURB, CONCRETE CURB AND GUTTER AND TIES
13A10-01A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01B	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01C	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A10-01D	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
13A11-02A	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
13A11-02B	2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C33-01	STOP LINE AND CROSSWALK PAVEMENT MARKING



TYPES A & D ①

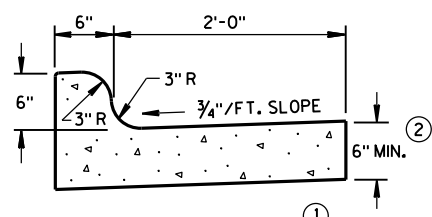


6" SLOPED CURB TYPES G & J ①



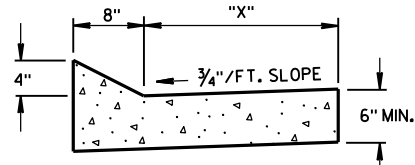
4" SLOPED CURB TYPES G & J ①

CONCRETE CURB & GUTTER 30"



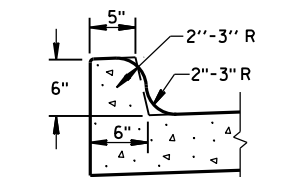
TYPES K & L ①

CONCRETE CURB & GUTTER 30"

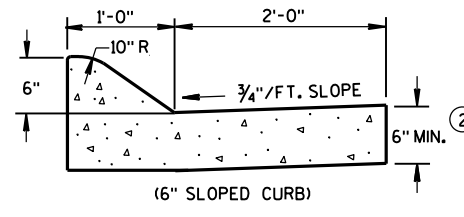


TYPES TBT & TBTT ①
CONCRETE CURB & GUTTER

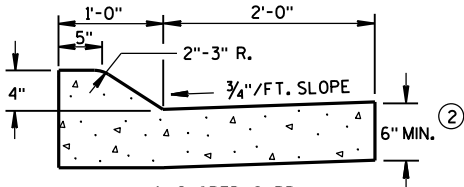
TBT & TBTT	"X"
30"	22"
36"	28"



OPTIONAL CURB SHAPE
FOR TYPES K & L ①

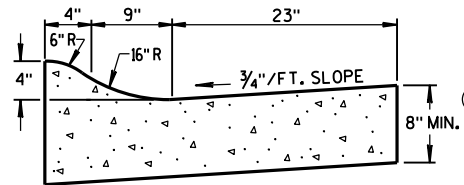


(6" SLOPED CURB)



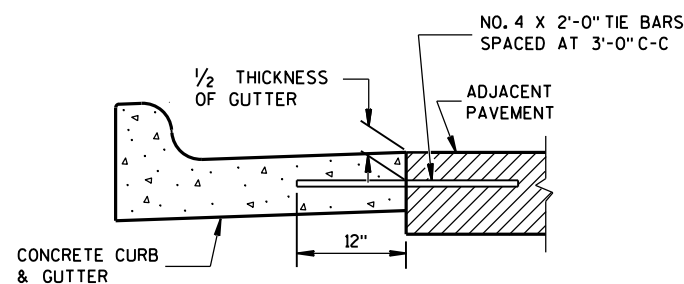
(4" SLOPED CURB)

TYPES A & D ①

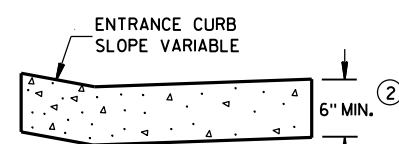


4" SLOPED CURB TYPES R & T ① ④

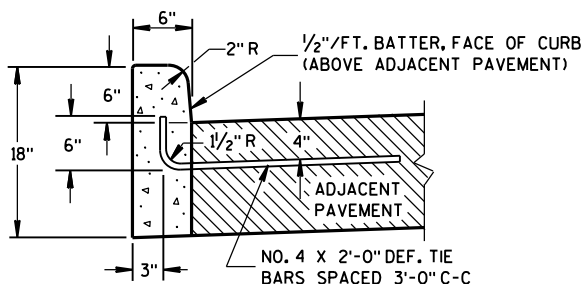
CONCRETE CURB & GUTTER 36"



TYPICAL TIE BAR LOCATION ①

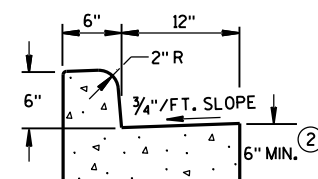


DRIVEWAY ENTRANCE CURB
(WHEN DIRECTED BY THE ENGINEER)

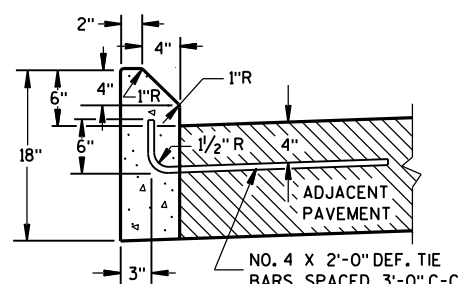


TYPES A & D ①

CONCRETE CURB



TYPES A & D
CONCRETE CURB & GUTTER 18"



TYPES G & J ①

GENERAL NOTES

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

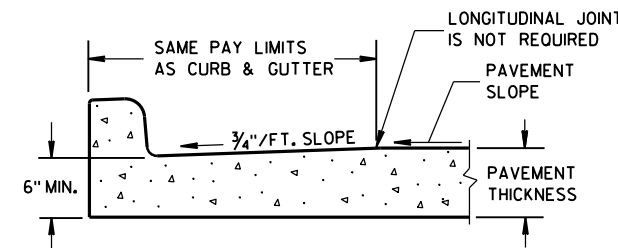
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

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

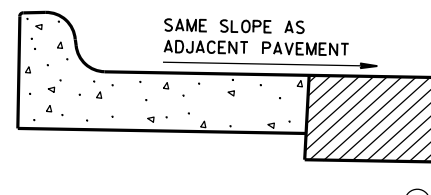
WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

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

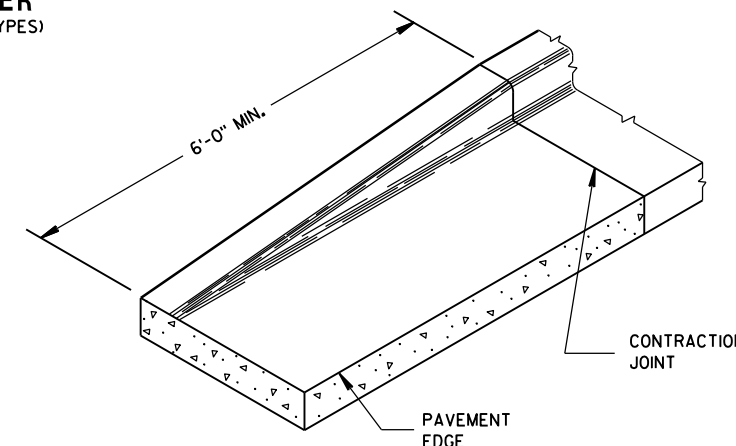
- ① TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.
- ② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ③ THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- ④ THE FACE OF CURB IS 6" FROM THE BACK OF CURB.
- ⑤ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.



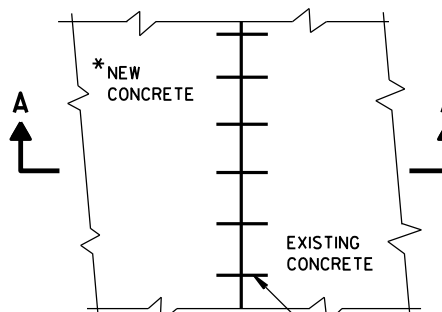
PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB & GUTTER



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



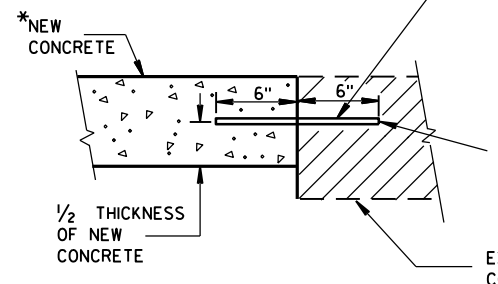
END SECTION CURB & GUTTER



PLAN VIEW

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

NO. 6 TIE BARS SPACED 2'-6" C-C,
INSTALLED PERPENDICULAR
TO THE LONGITUDINAL JOINT.

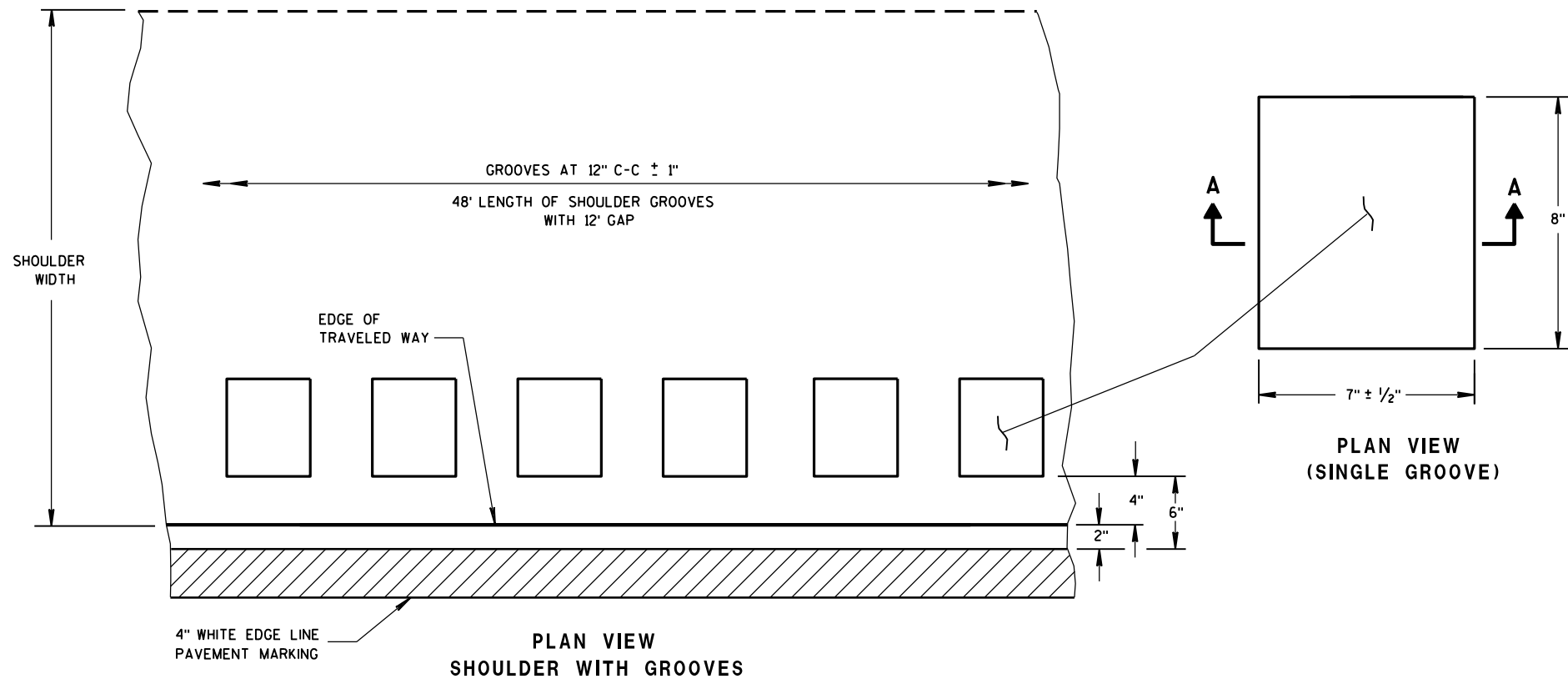


SECTION A-A
TIE BARS DRILLED
INTO EXISTING PAVEMENT

CONCRETE CURB, CONCRETE
CURB & GUTTER AND TIES

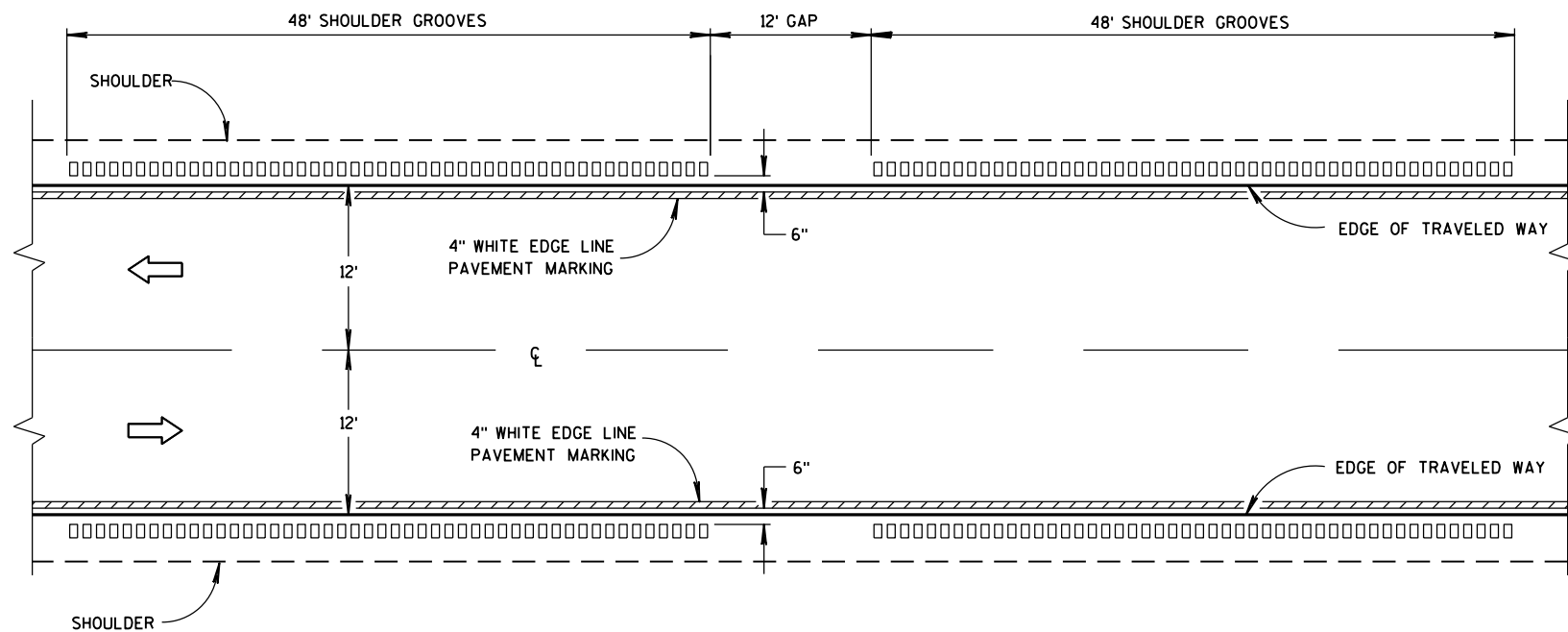
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2015 /S/ Jerry H. Zogg
DATE ROADWAY STANDARDS DEVELOPMENT
ENGINEER
FHWA



6

PLACEMENT DETAIL FOR TYPE 1 MILLED RUMBLE STRIP



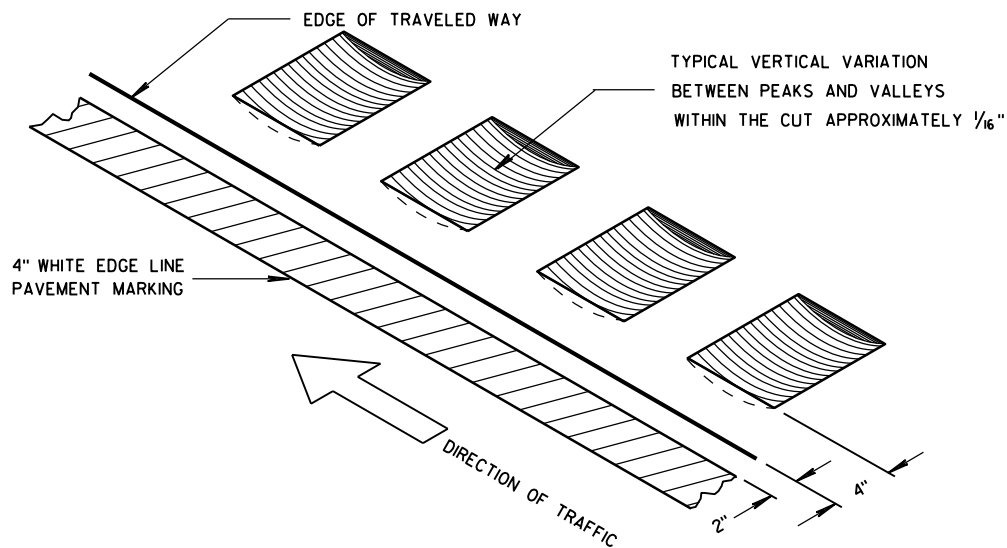
TYPE 1
2-LANE SHOULDER RUMBLE STRIP

GENERAL NOTES

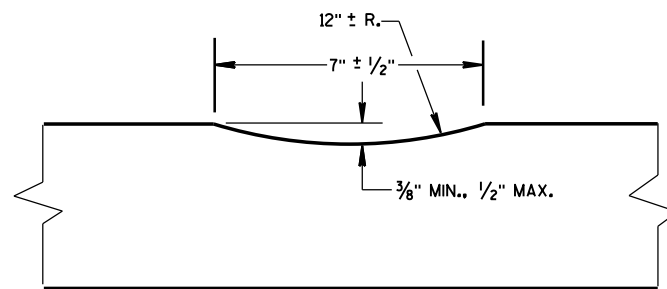
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

- ① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



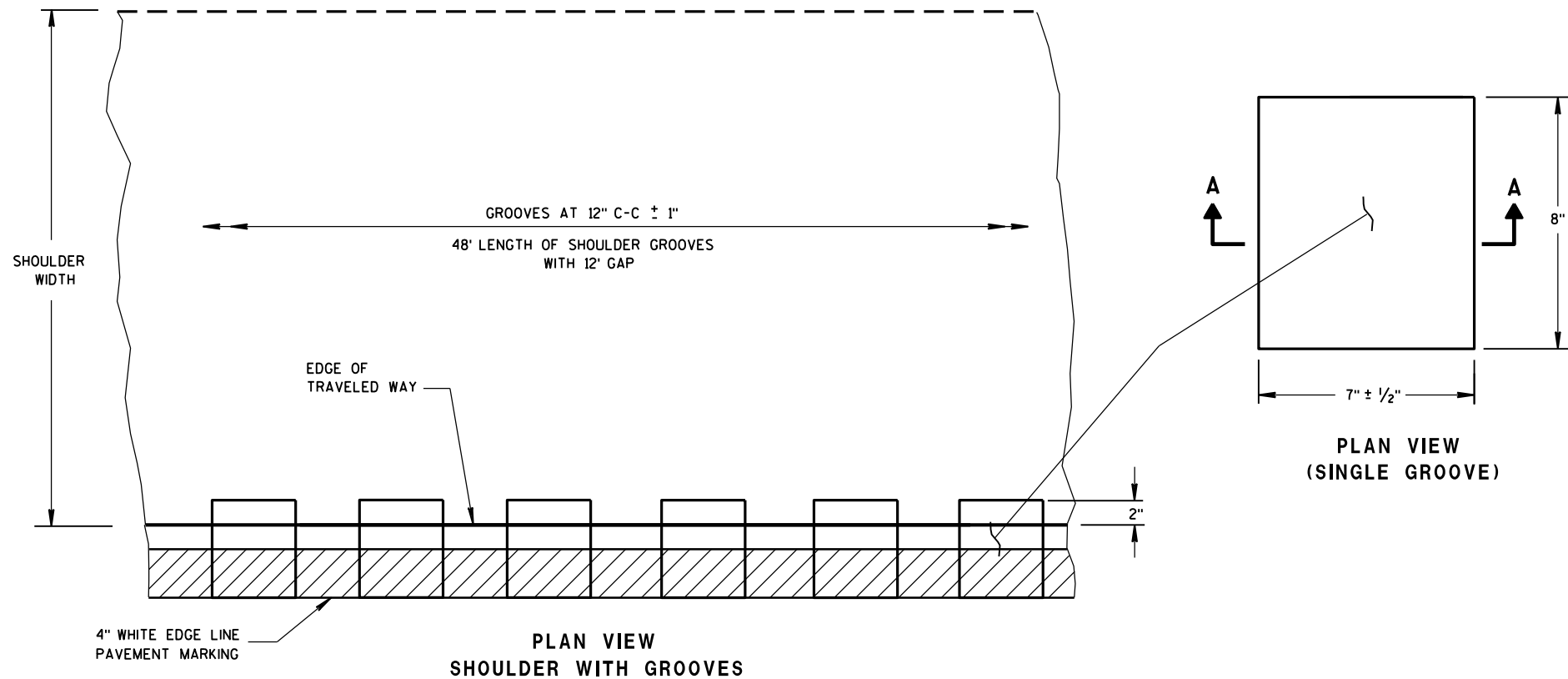
ISOMETRIC



SECTION A-A

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

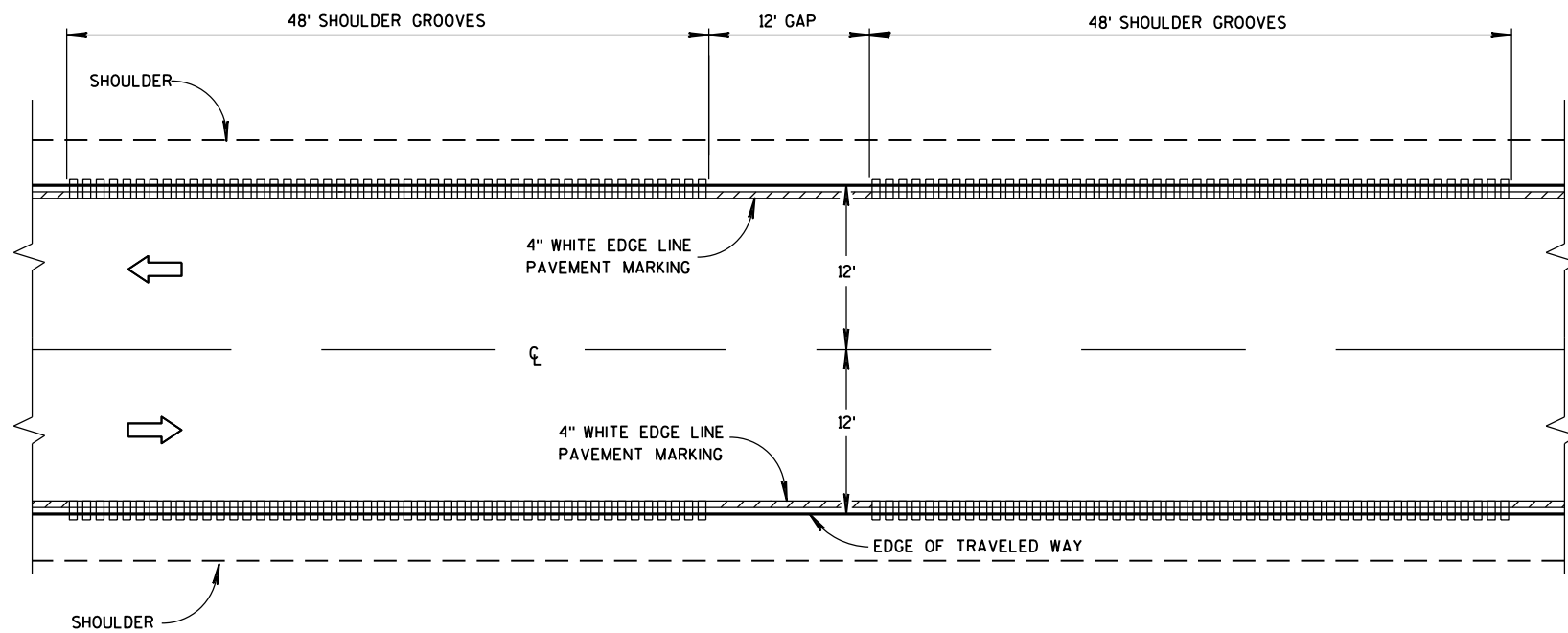
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

6
PLACEMENT DETAIL FOR TYPE 2 MILLED RUMBLE STRIP

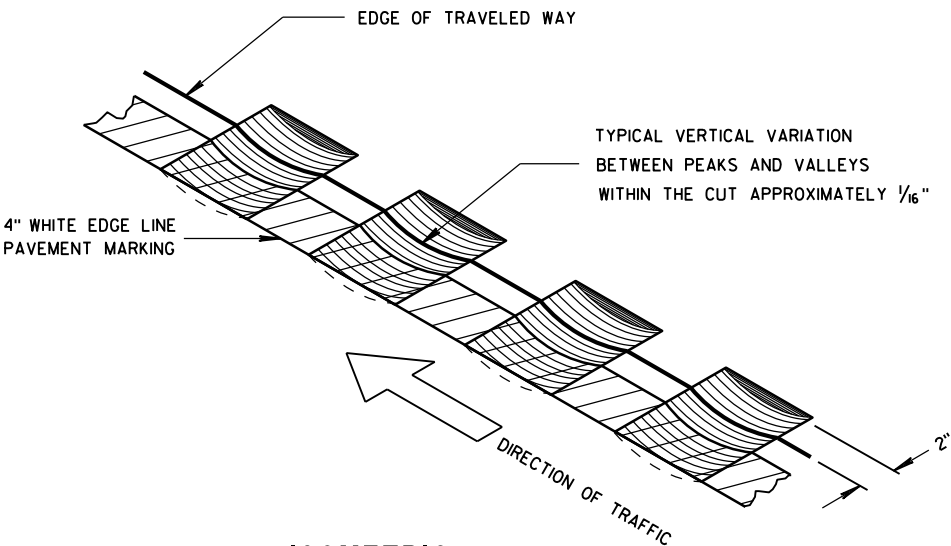


TYPE 2
2-LANE SHOULDER RUMBLE STRIP

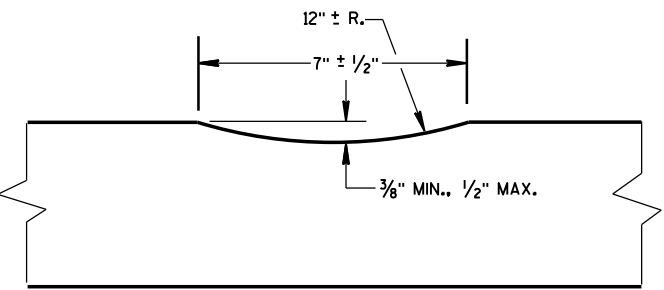
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
DO NOT MILL SHOULDER GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

- ① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



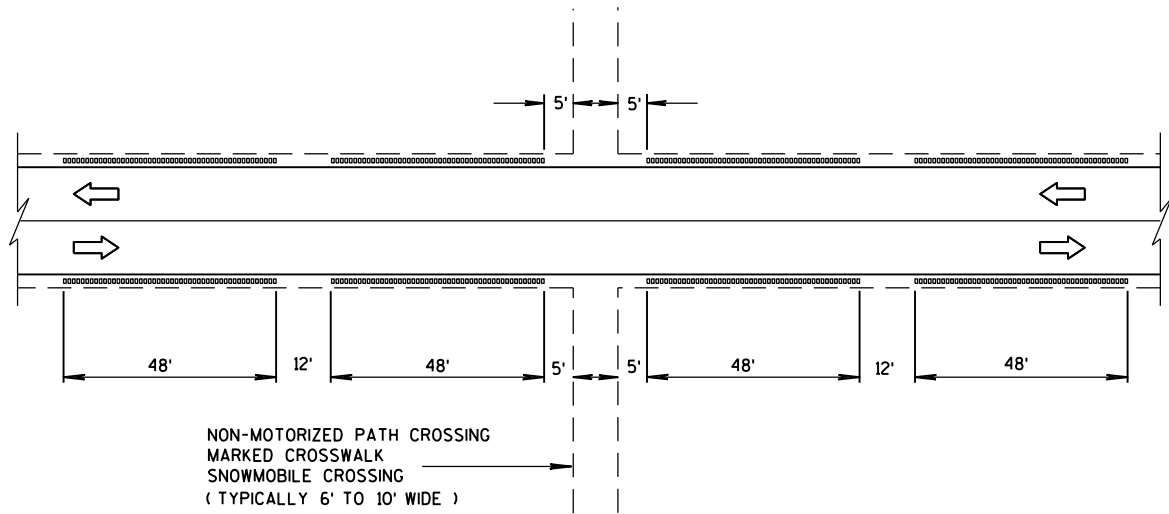
ISOMETRIC



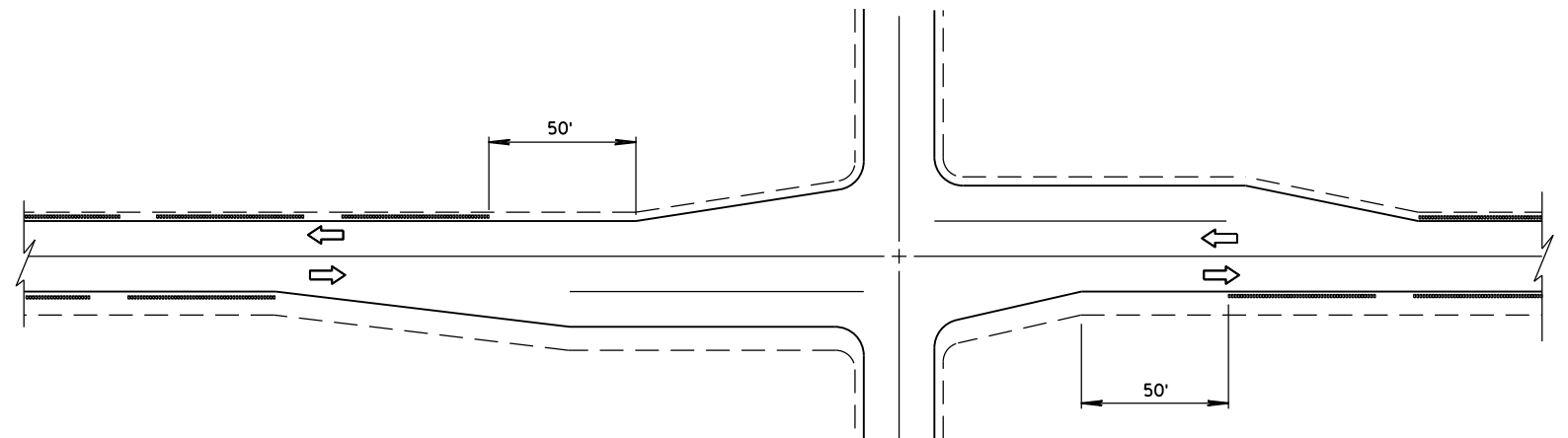
SECTION A-A

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

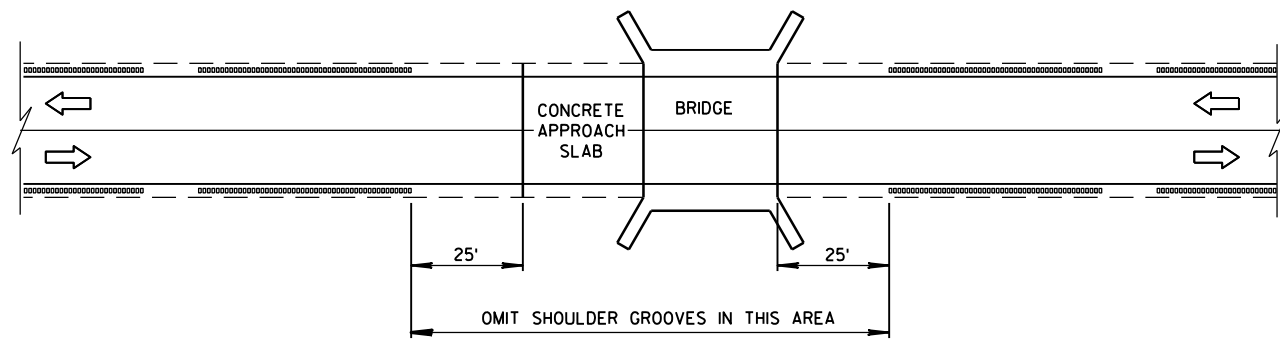
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



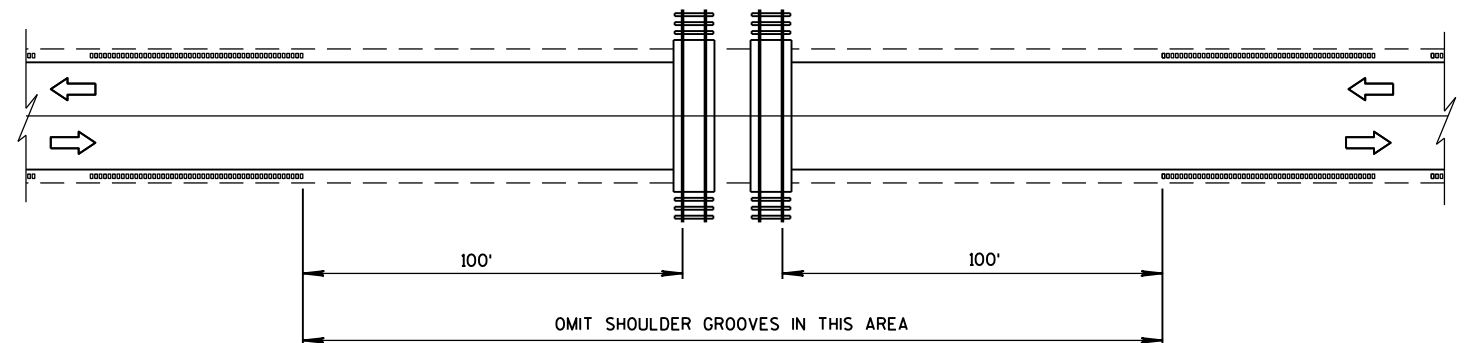
SHOULDER GROOVES AT MISCELLANEOUS CROSSINGS



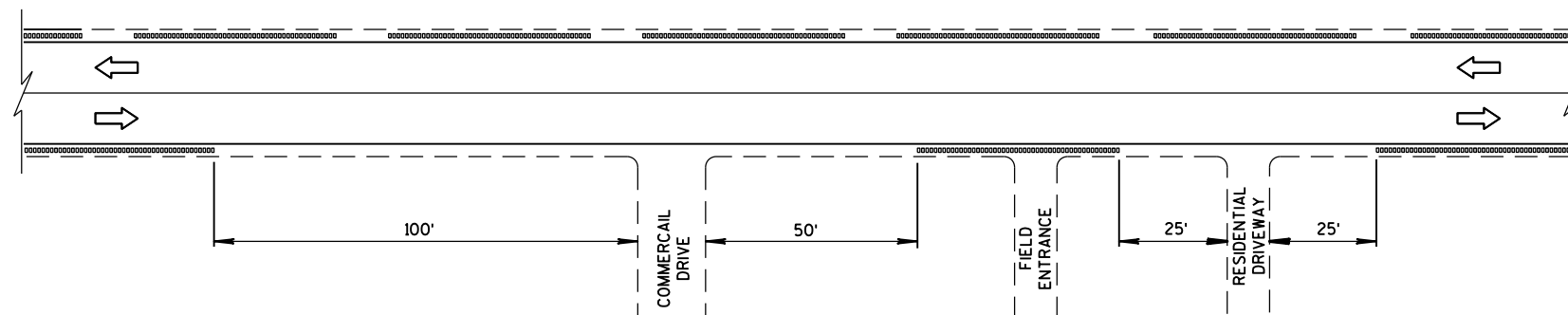
SHOULDER GROOVES AT INTERSECTIONS



SHOULDER GROOVES AT BRIDGES



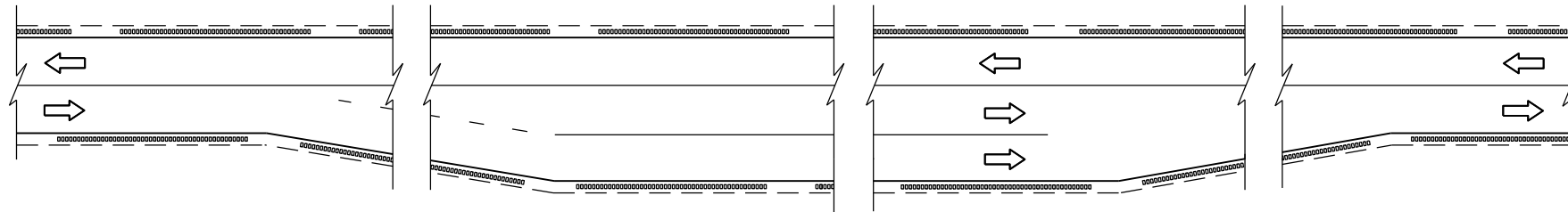
SHOULDER GROOVES AT RAILROADS



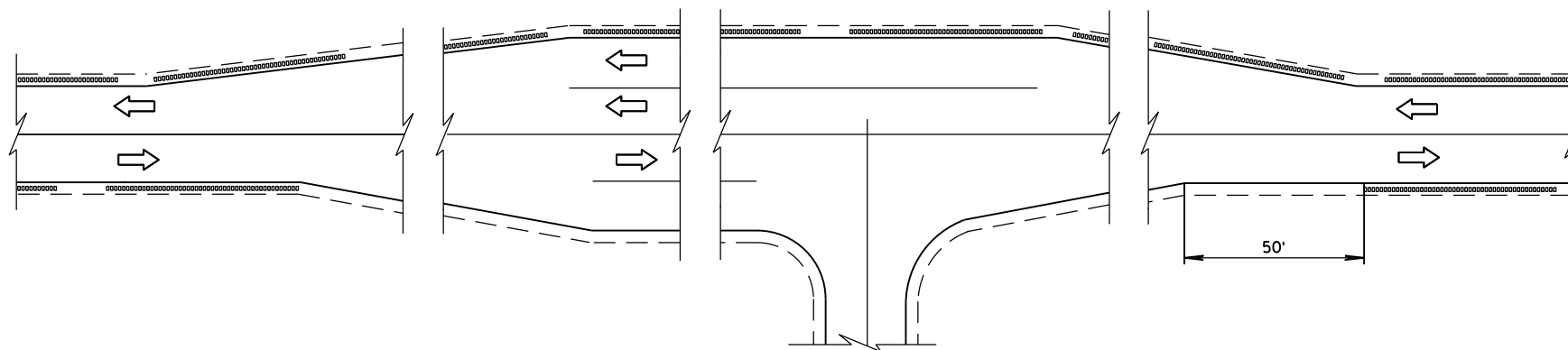
SHOULDER GROOVES AT DRIVEWAYS^①

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



SHOULDER GROOVES AT PASSING AND CLIMBING LANES



SHOULDER GROOVES AT BYPASS LANES

2-LANE RURAL
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/17/2012
DATE
FHWA

/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT
ENGINEER

GENERAL NOTES

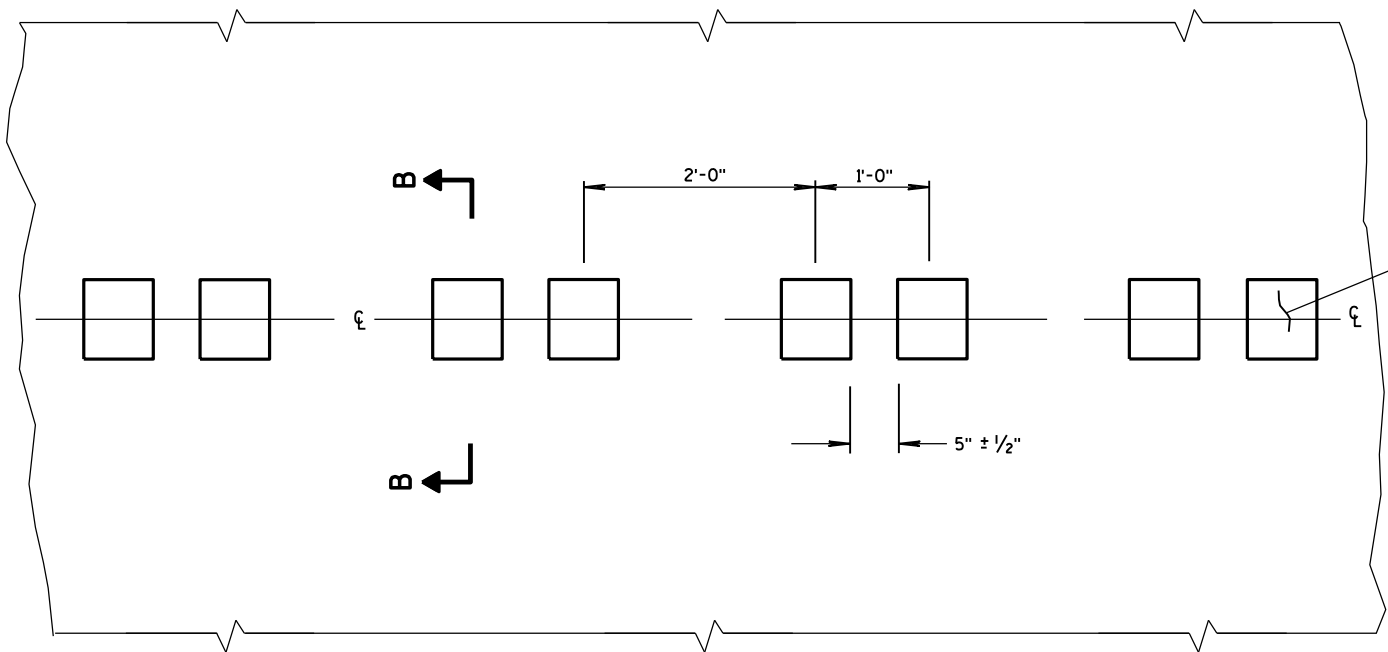
DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

DO NOT MILL CENTER LINE GROOVES THROUGH ANY INTERSECTION, MARKED CROSSWALK, NON-MOTORIZED PATH CROSSING, OR SNOWMOBILE CROSSING.

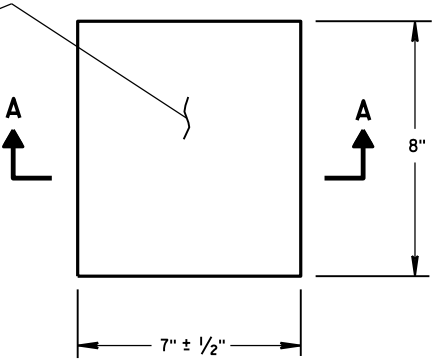
INSTALL PAVEMENT MARKING AFTER THE GROOVES ARE INSTALLED.

SEE SIGNING PLAN FOR SIGN REQUIREMENTS THAT MAY BE NEEDED.

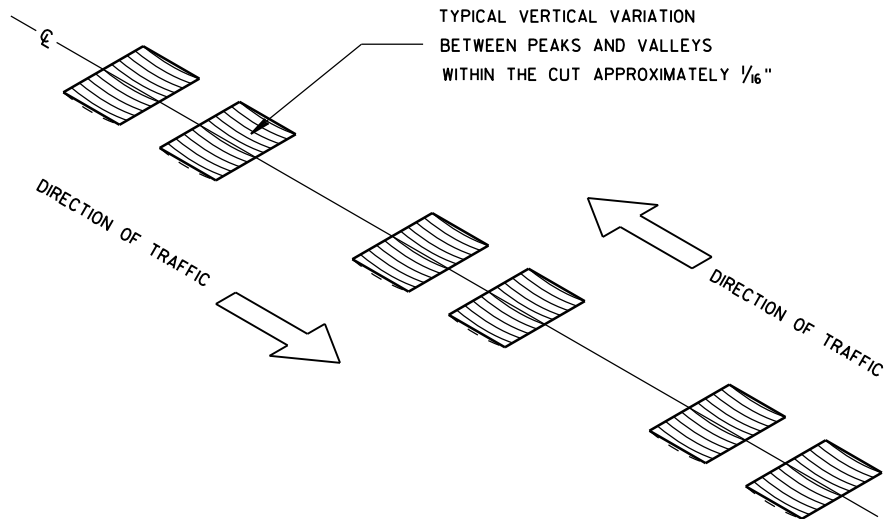
- ① CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.



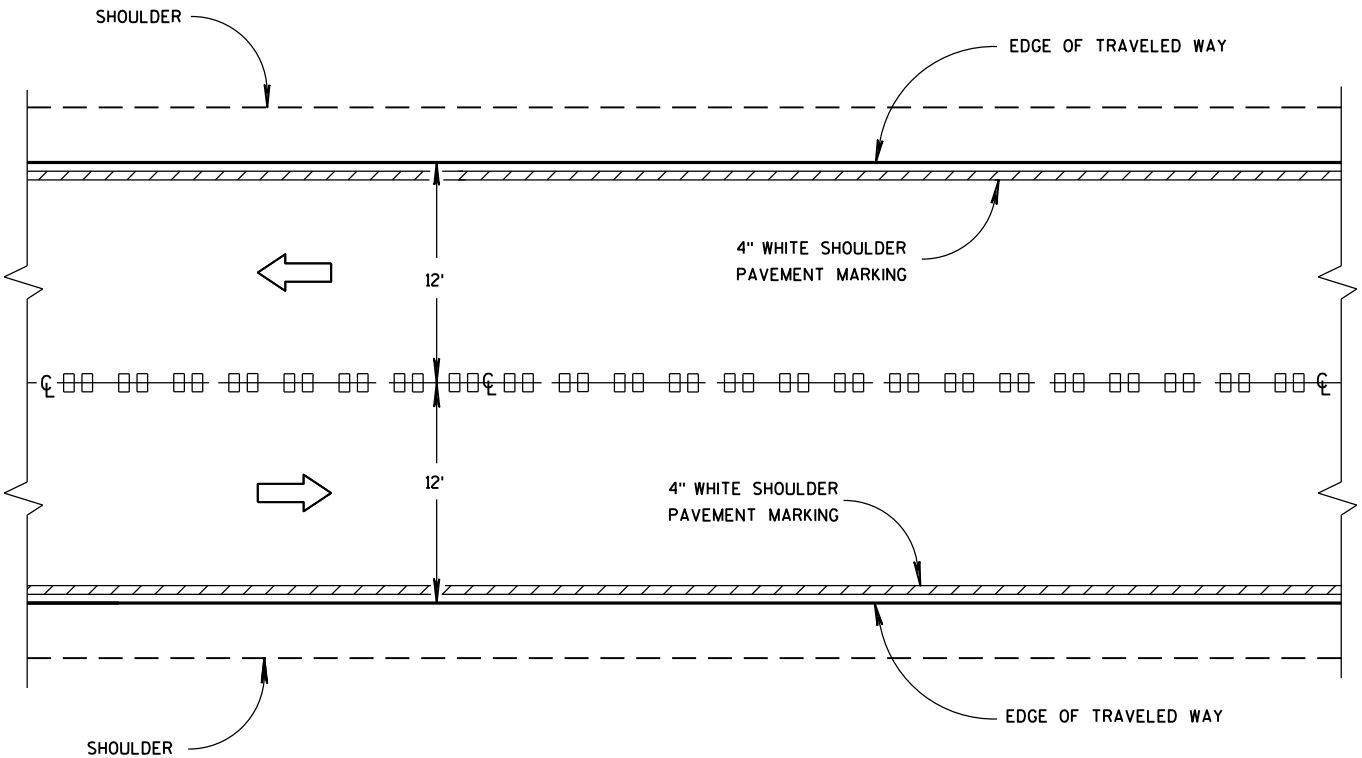
PLAN VIEW
CENTER LINE WITH GROOVES



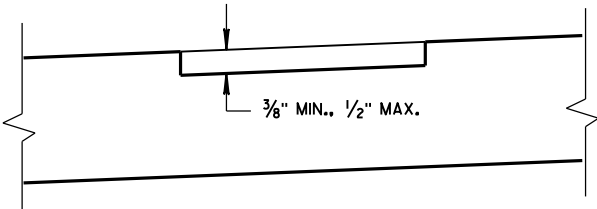
PLAN VIEW
(SINGLE GROOVE)



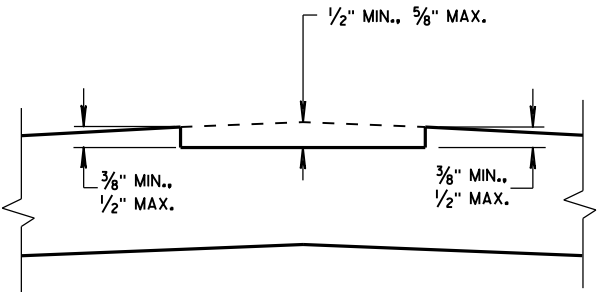
ISOMETRIC



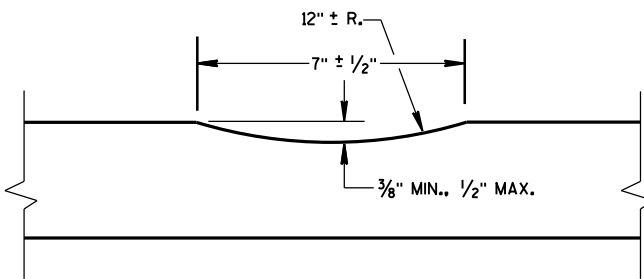
CENTER LINE GROOVES ON TWO-WAY ROADWAYS



SECTION B-B
SUPERELEVATED ROADWAY



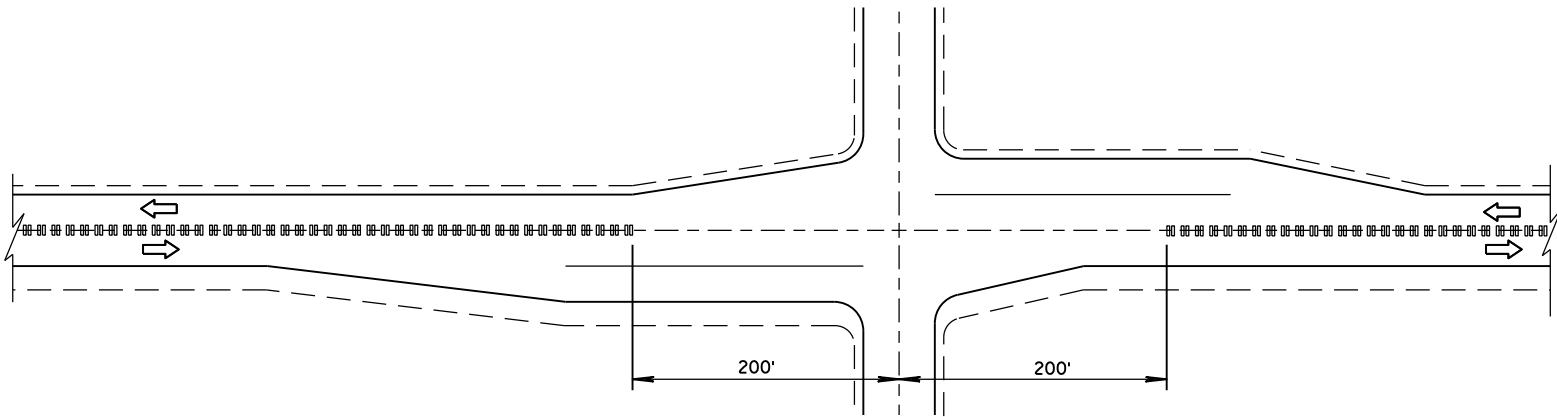
SECTION B-B
CROWNED ROADWAY



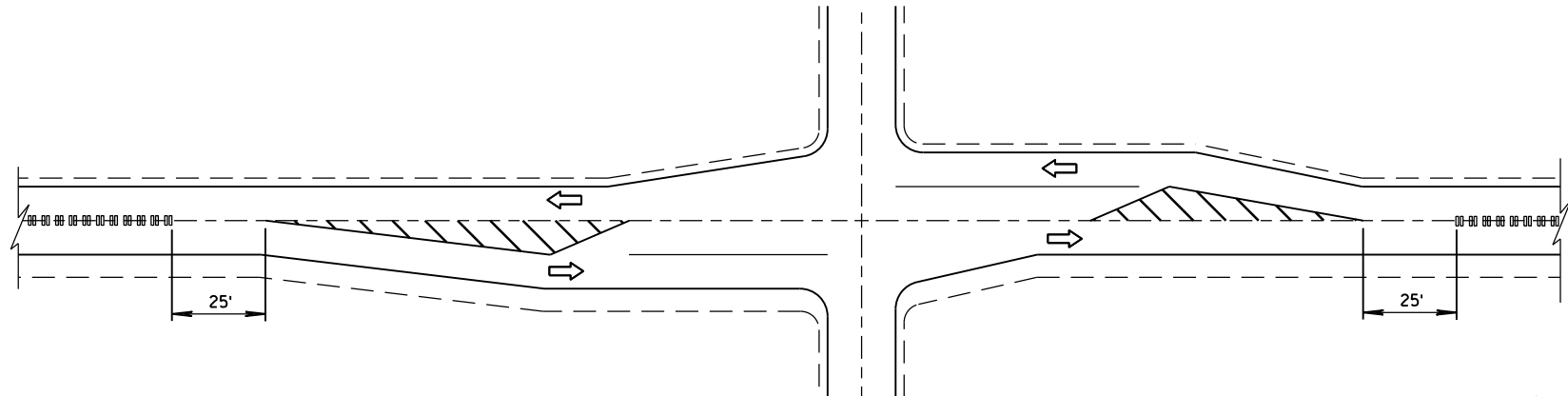
SECTION A-A

2-LANE RURAL
CENTER LINE RUMBLE STRIP,
MILLING

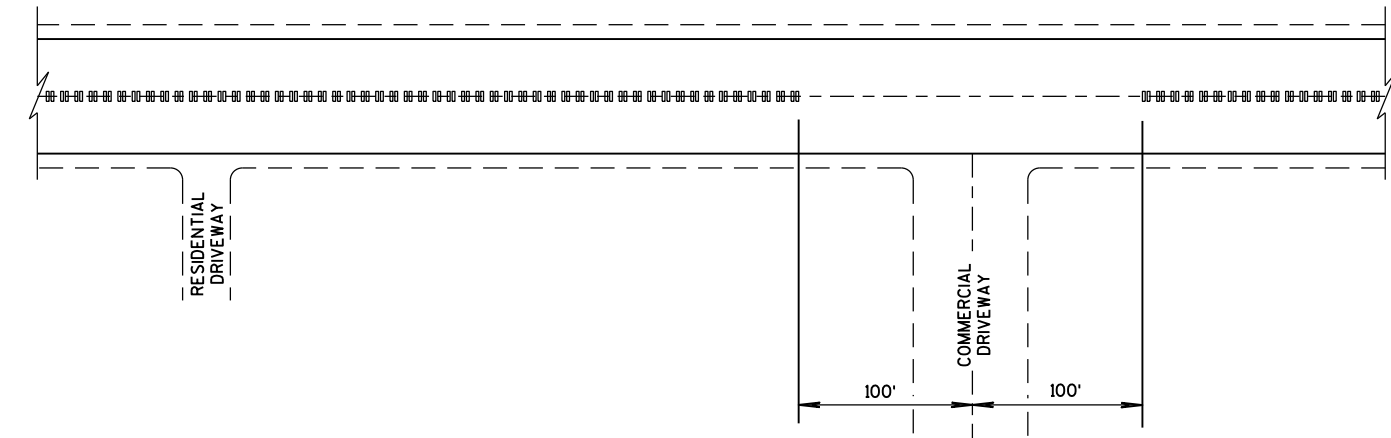
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



CENTER LINE GROOVES AT INTERSECTIONS

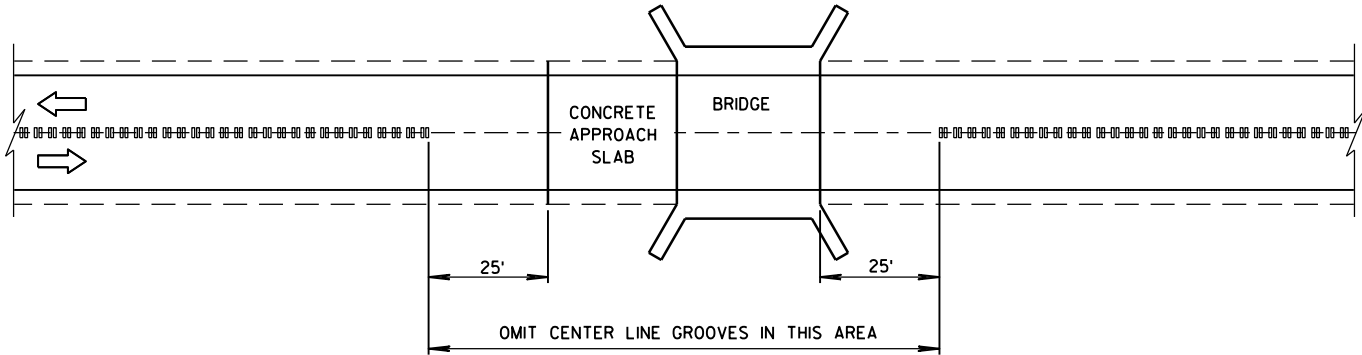


CENTER LINE GROOVES AT INTERSECTIONS
(WITH LEFT TURN LANES)

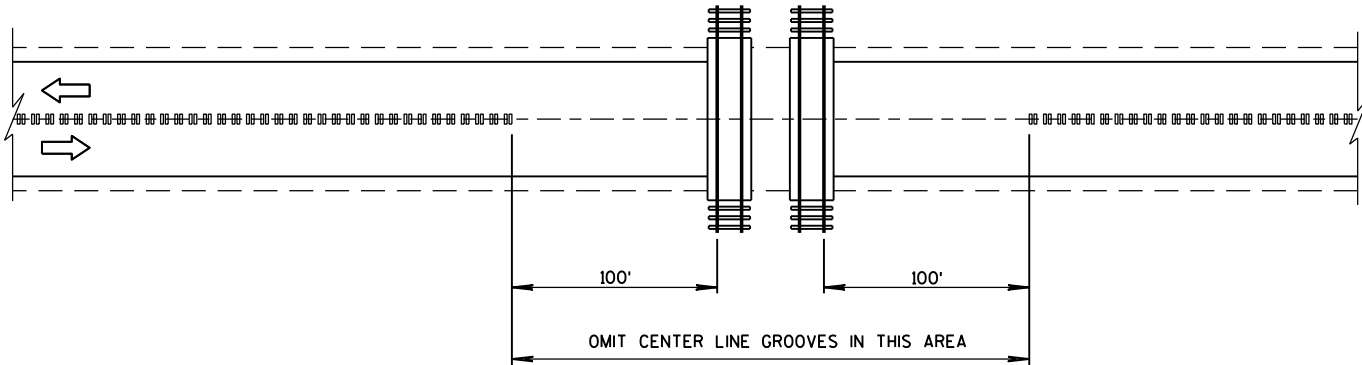


CENTER LINE GROOVES AT DRIVEWAYS^①

① CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS, WHEN DIRECTED BY THE ENGINEER.

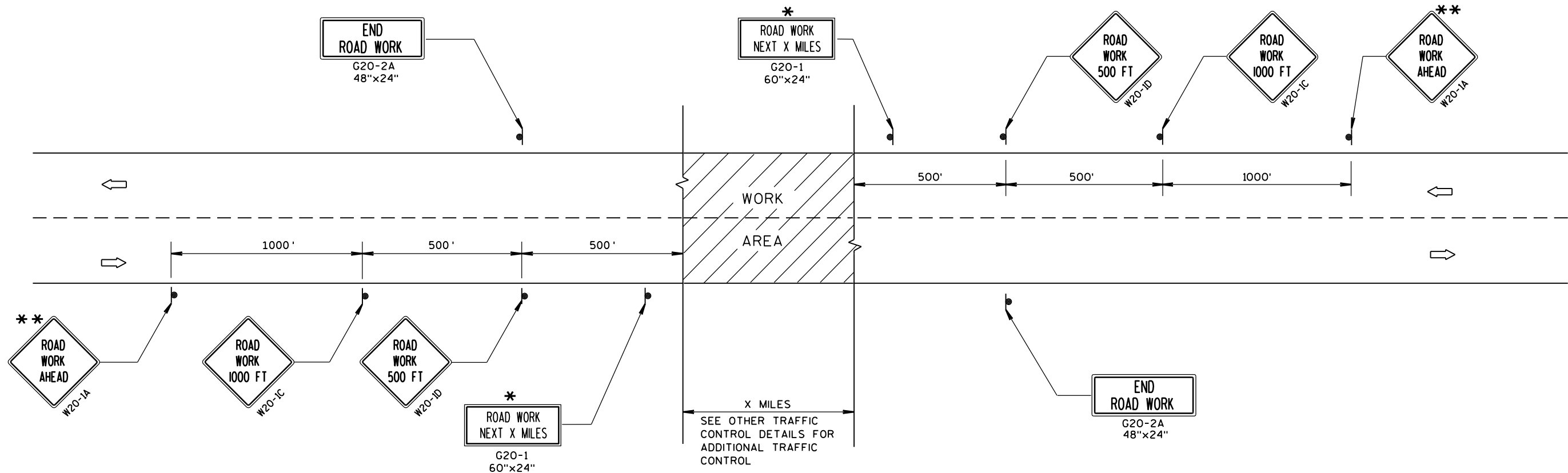


CENTER LINE GROOVES AT BRIDGES



CENTER LINE GROOVES AT RAILROADS

2-LANE RURAL CENTER LINE RUMBLE STRIP, MILLING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED DATE 5/15/2013 FHWA	/S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER



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.

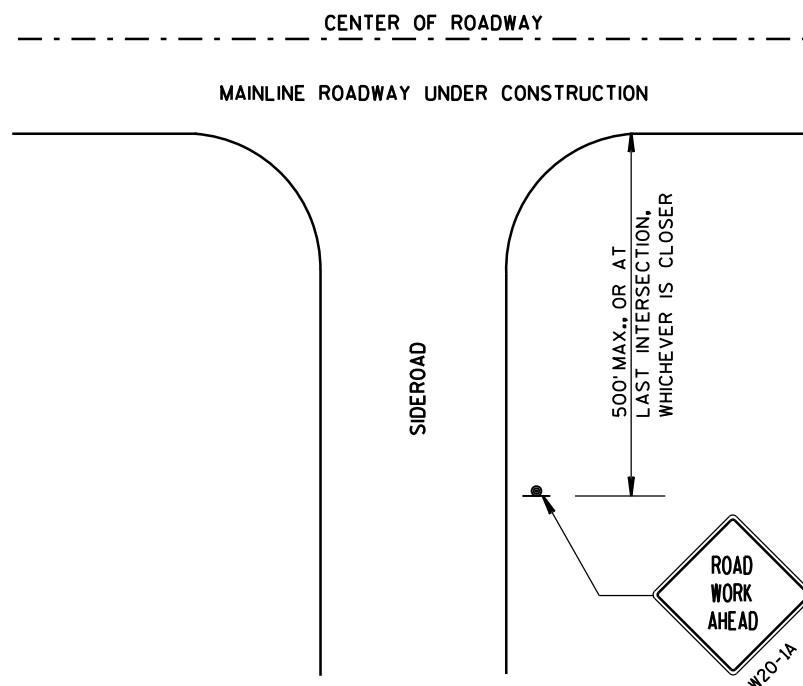
ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

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.

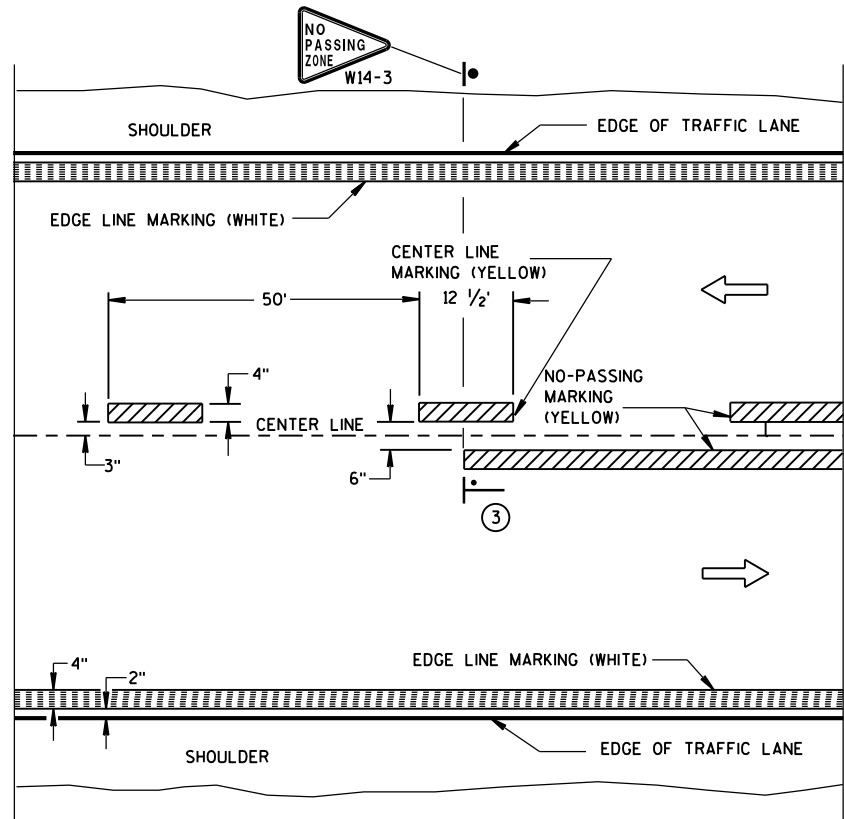
** PLACE ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



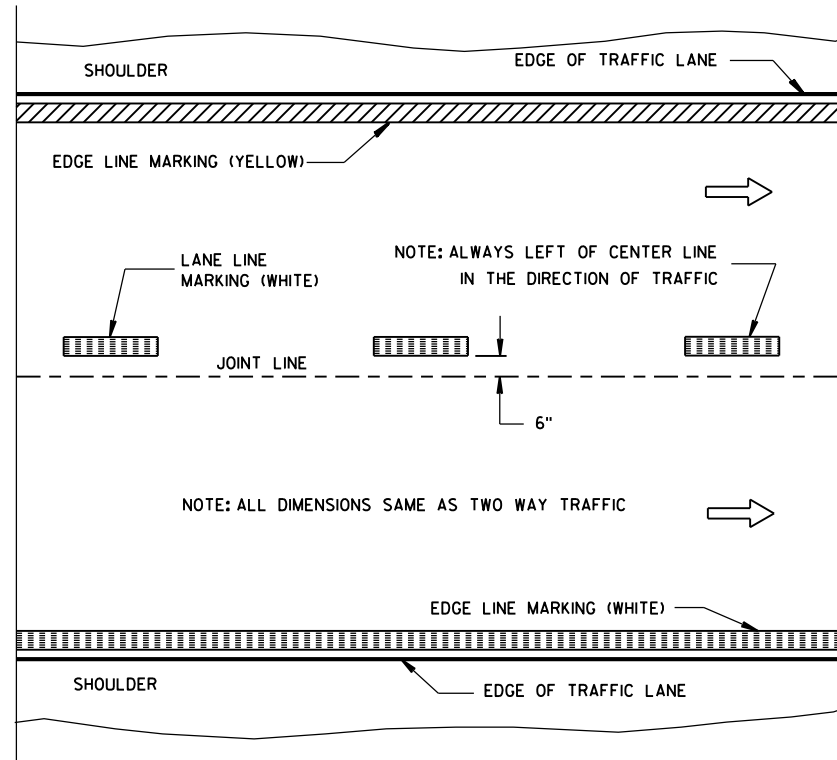
LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

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 DATE	/S/ Peter Amokobe Atepe STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA	

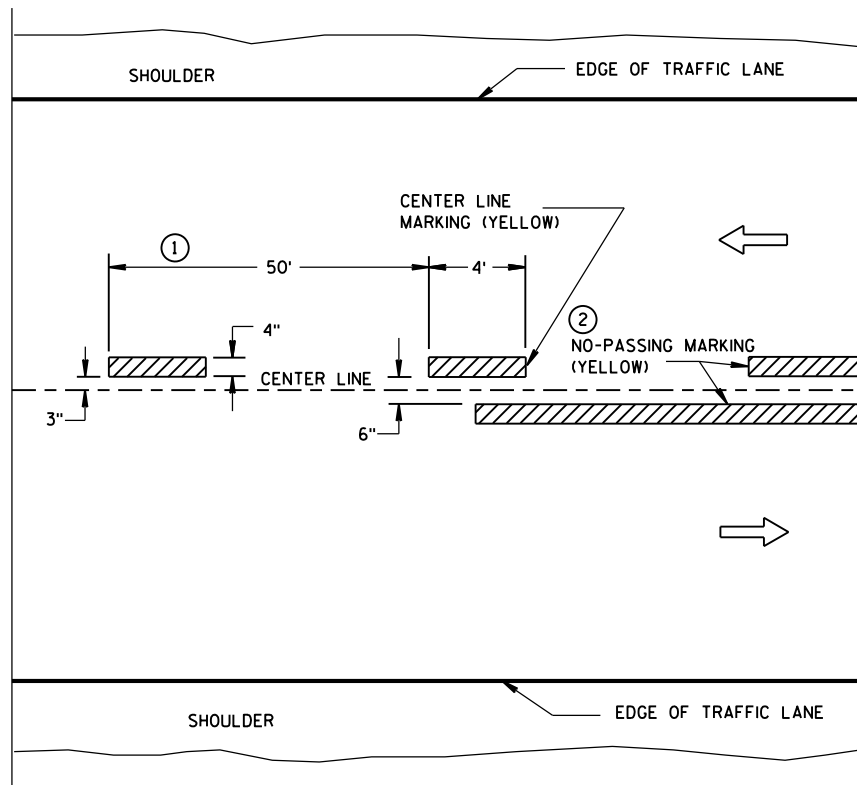


TWO WAY TRAFFIC

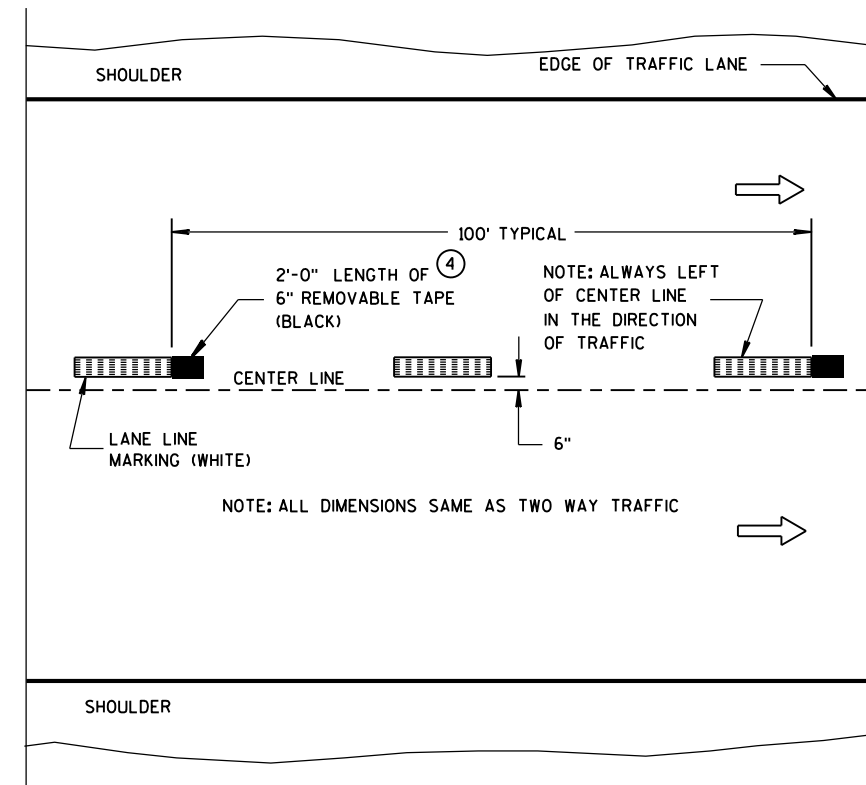


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

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

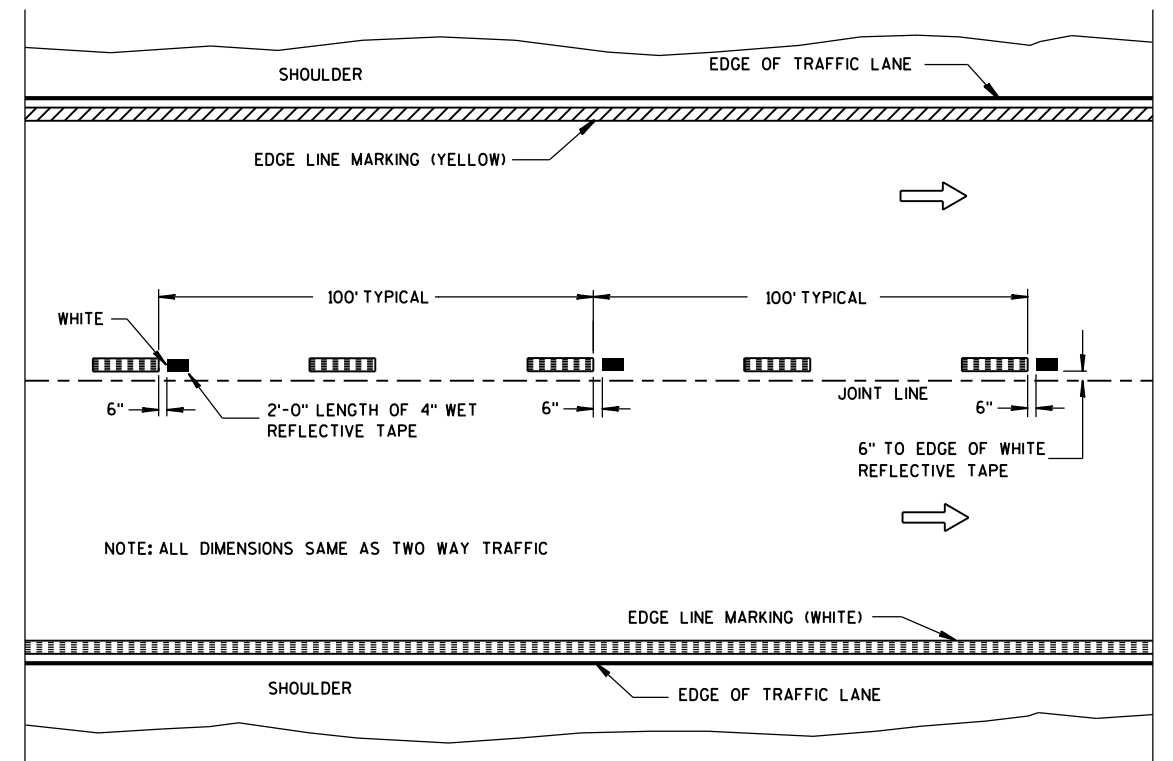
GENERAL NOTES

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

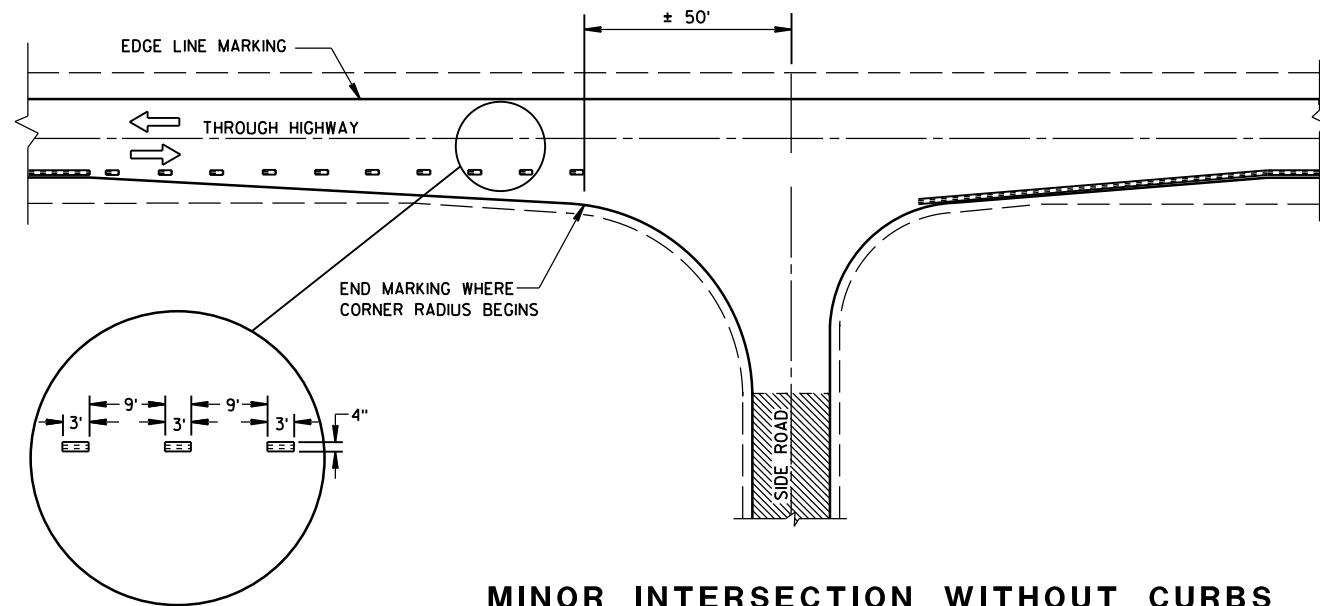
LEGEND

- "T" MARKING
- POST MOUNTED SIGN

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

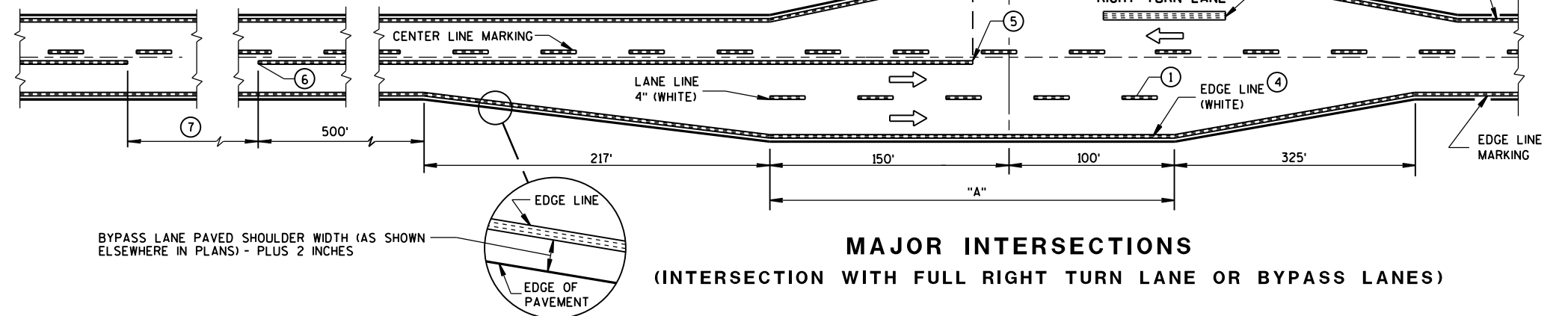
APPROVED
5-13-2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER
FHWA



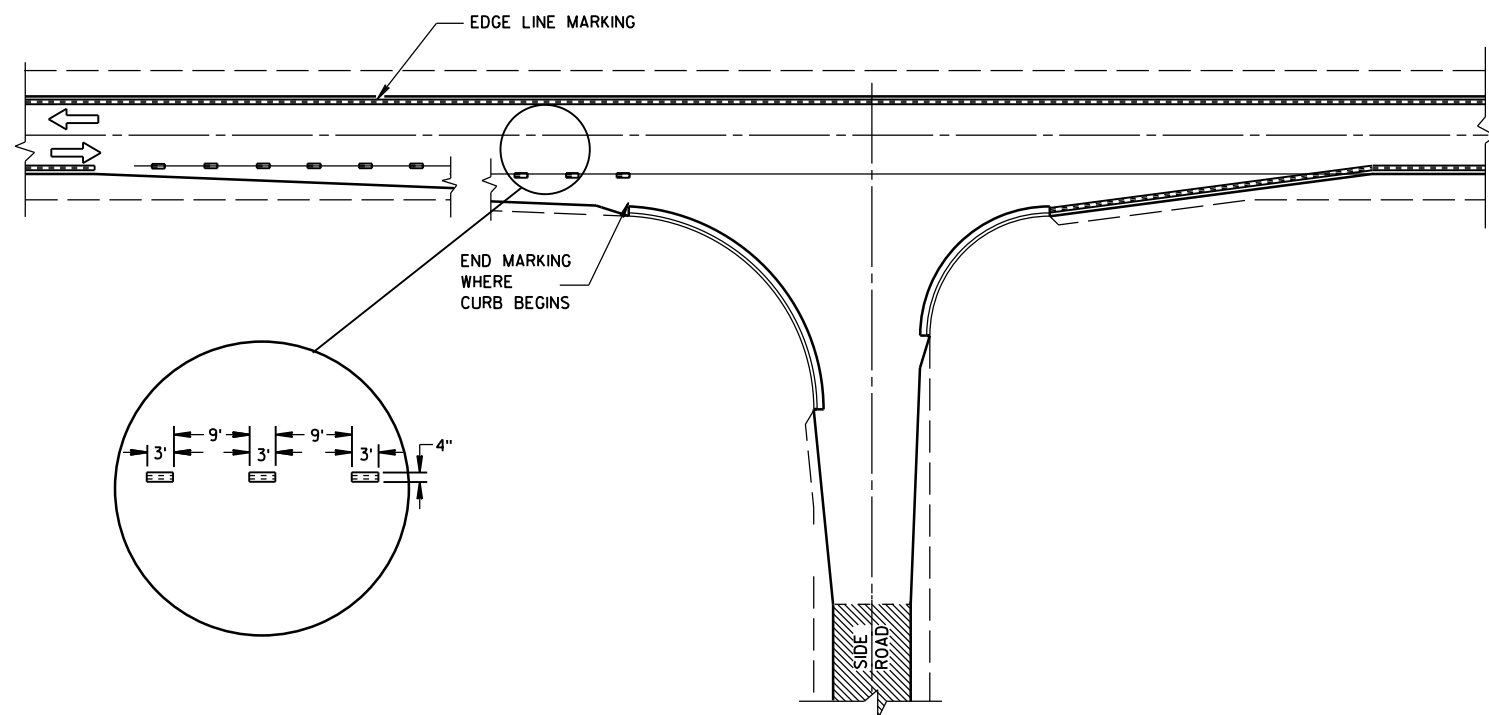
MINOR INTERSECTION WITHOUT CURBS

⑦

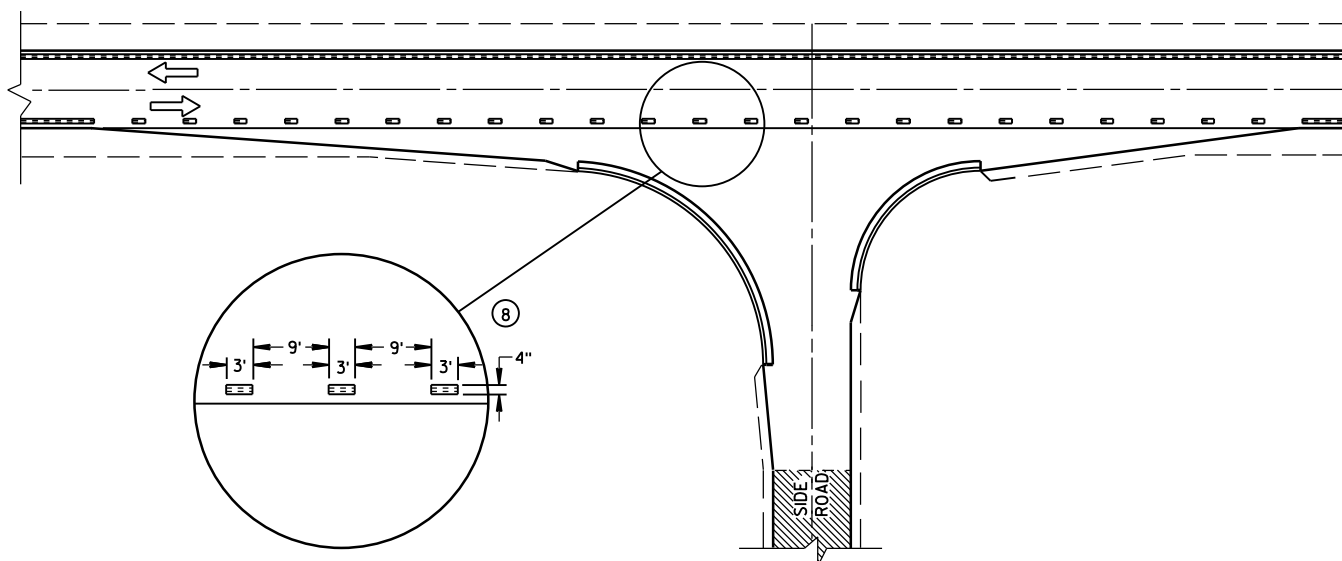
POSTED SPEED (MPH)	MINIMUM DISTANCE BETWEEN ZONES (FEET)
25 - 30	528
35 - 40	528
45 - 50	686
55	792



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

LEGEND

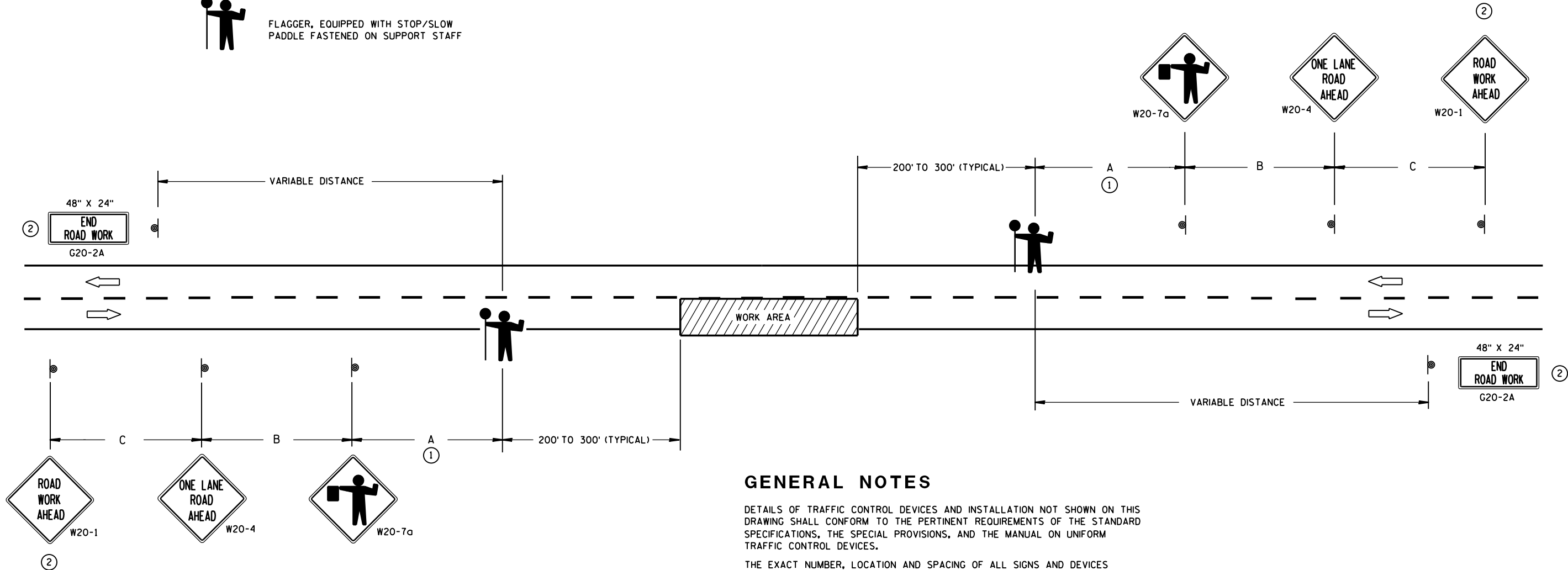
-  SIGN ON PORTABLE OR PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA
-  FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



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, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

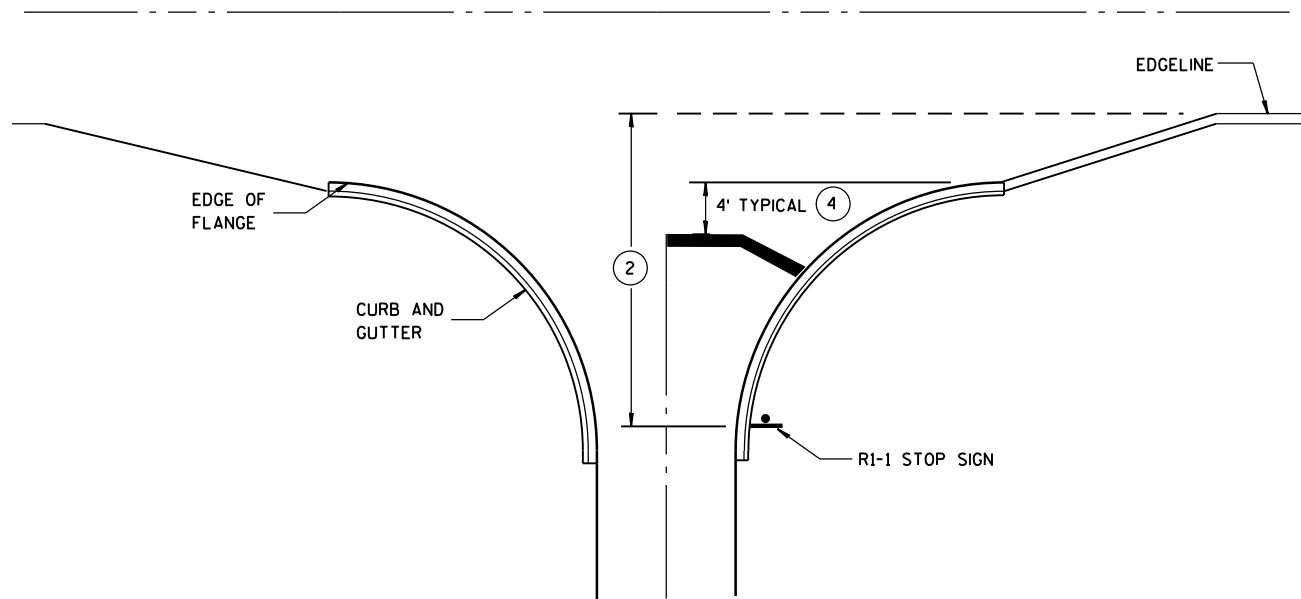
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

- 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.

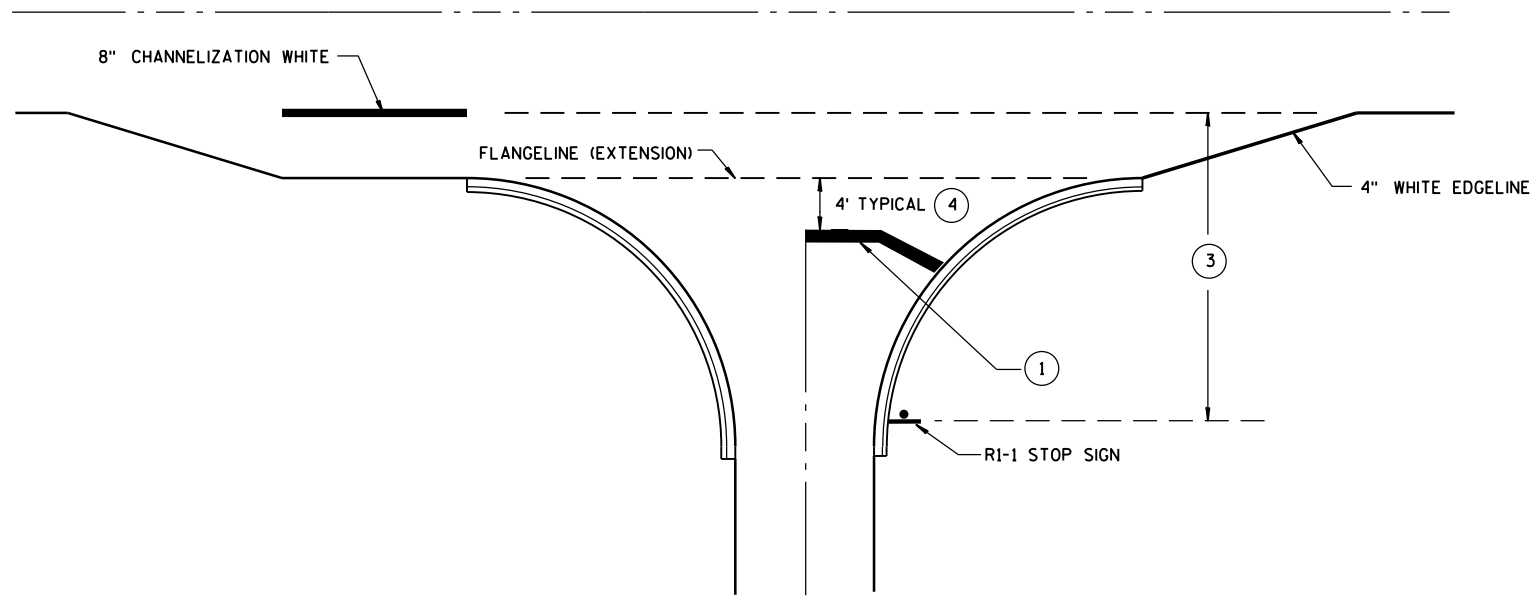
TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

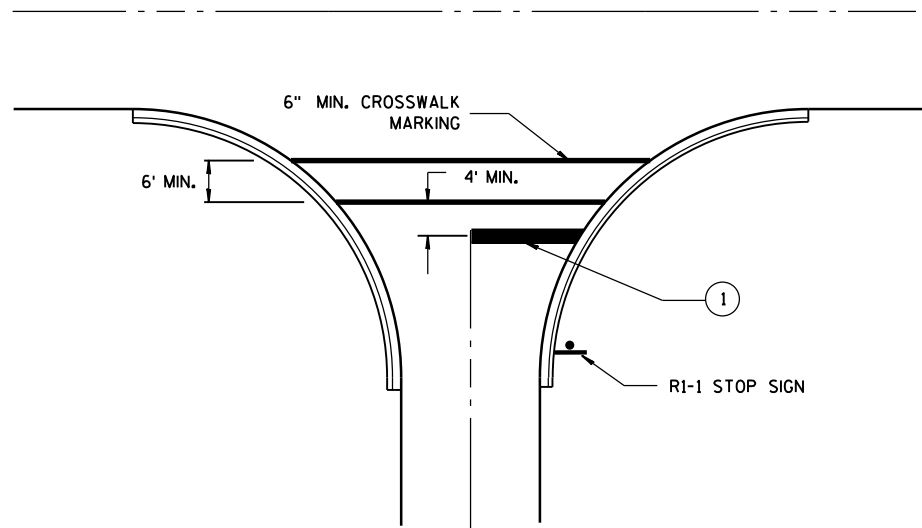
APPROVED
8/2013 /S/ Travis Feltes
DATE STATE TRAFFIC ENGINEER OF DESIGN
FHWA



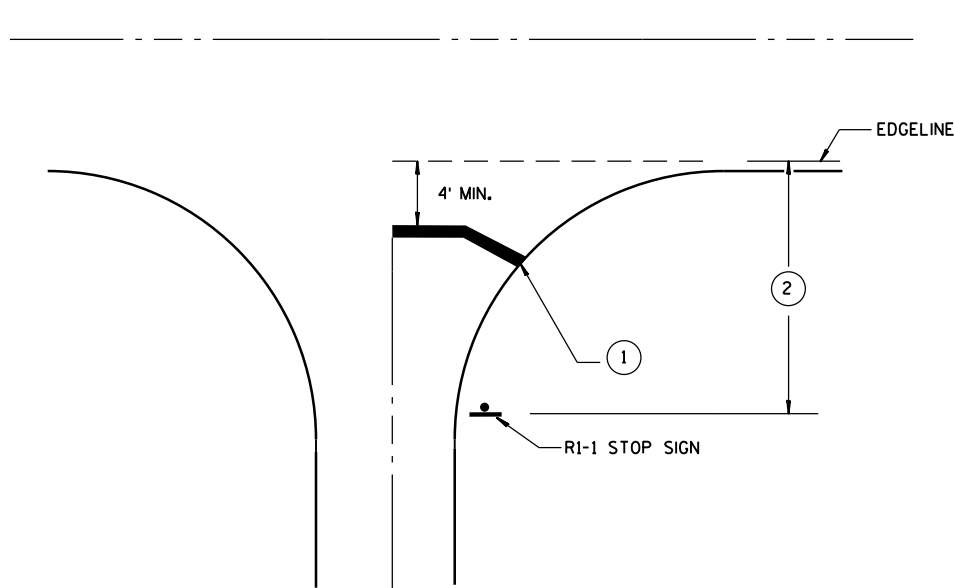
TYPICAL STOP LINE PAVEMENT MARKING
WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING
FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING
WITHOUT CURB AND GUTTER

GENERAL NOTES

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

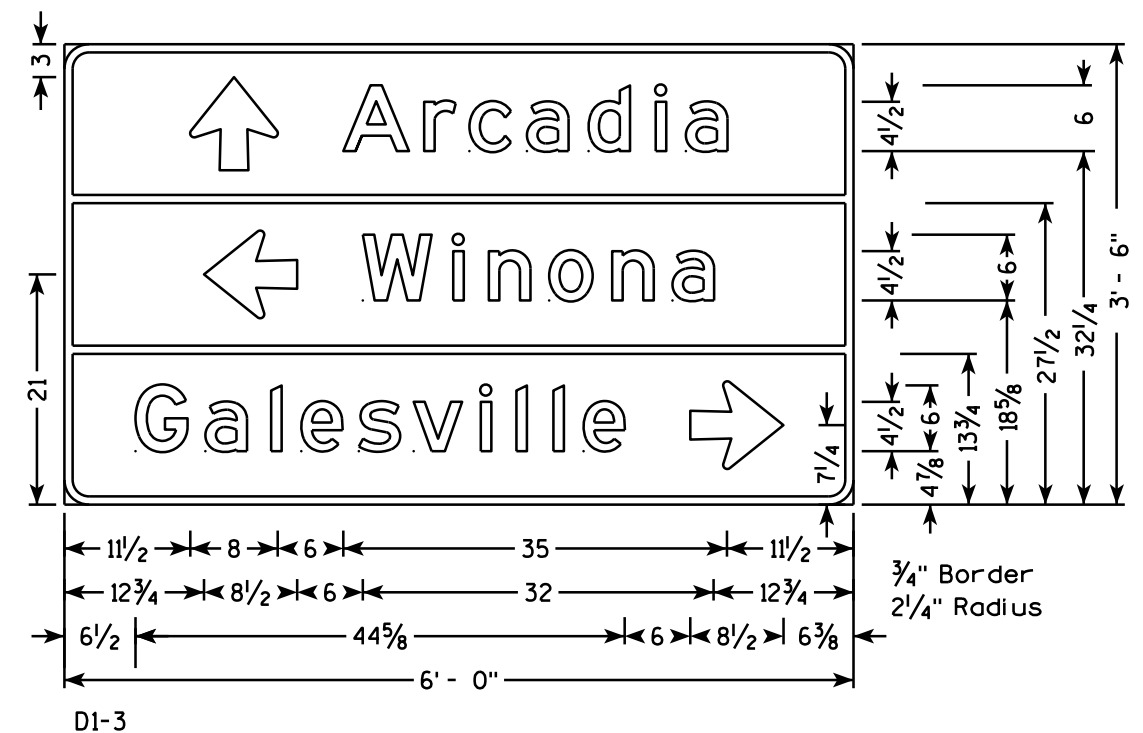
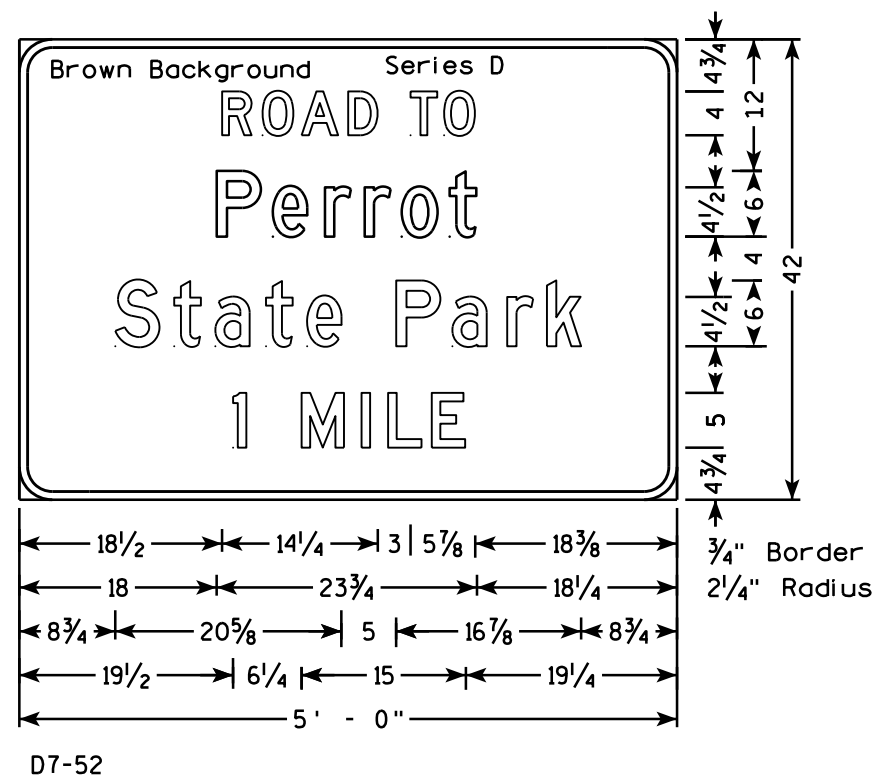
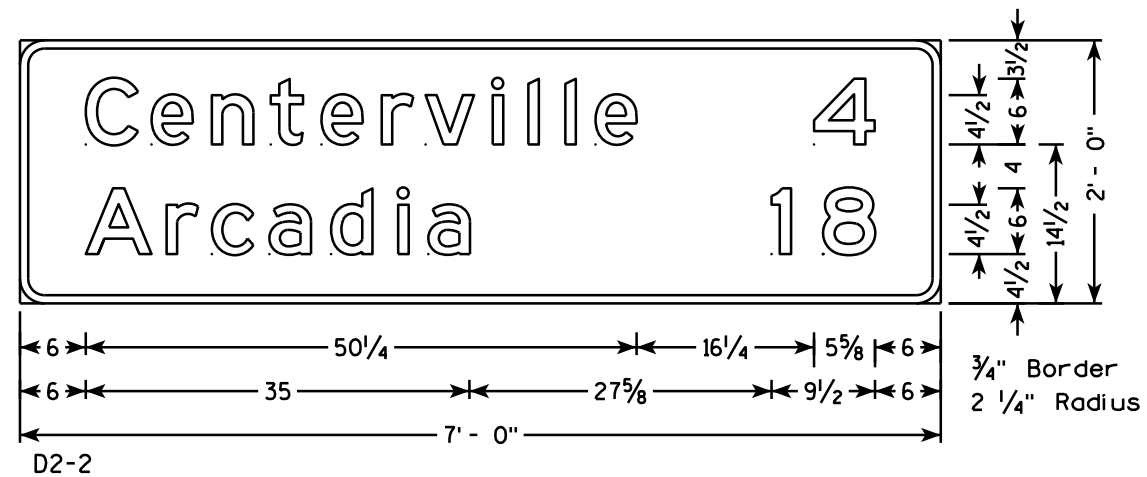
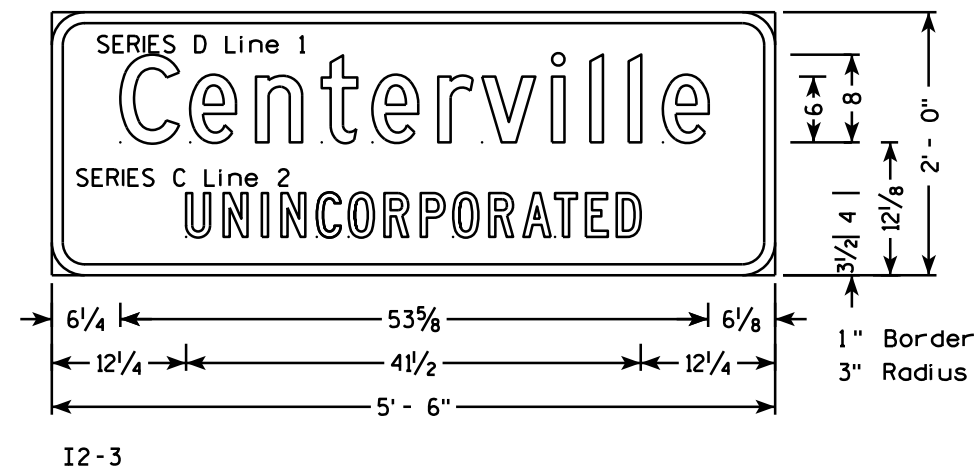
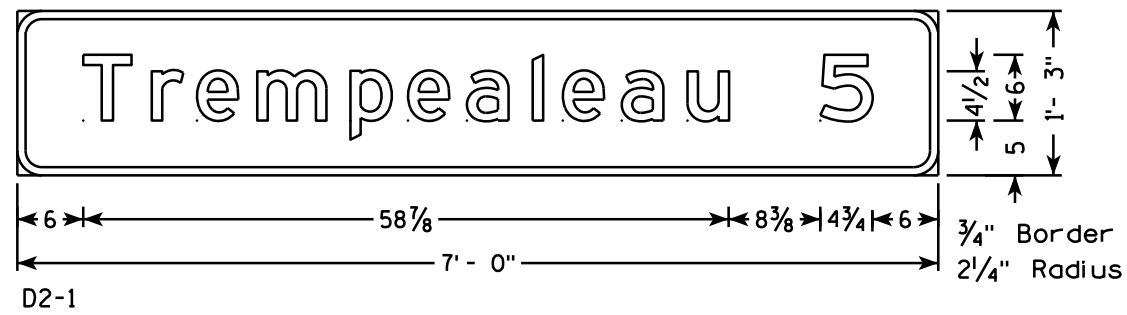
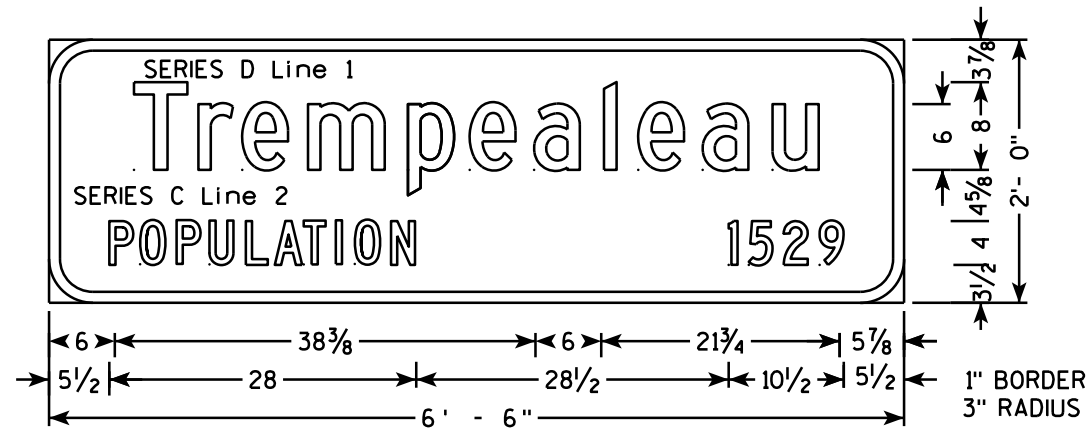
STOP LINE AND CROSSWALK
PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

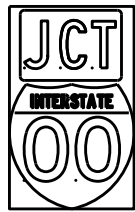
APPROVED
4/30/2013 DATE /S/ Travis Feltz
STATE TRAFFIC ENGINEER
FHWA

NOTES

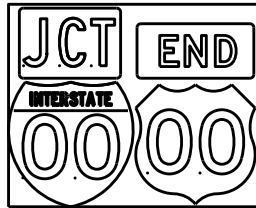
1. All Signs Type II - Type H Reflective
2. Color:
Background - GREEN except as Shown
Message - WHITE
3. Message Series - E except as Shown



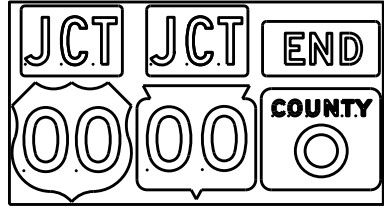
TYPICAL ASSEMBLIES



J1-1



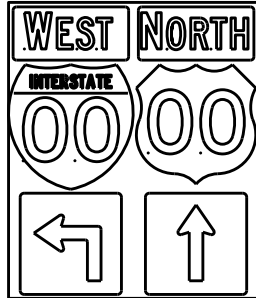
J1-2



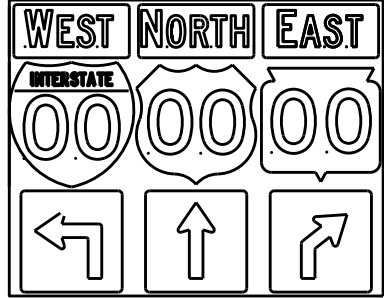
J1-3



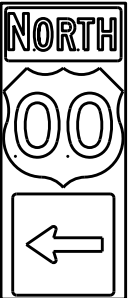
J2-1



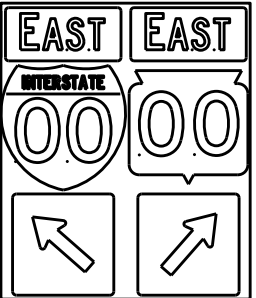
J2-2



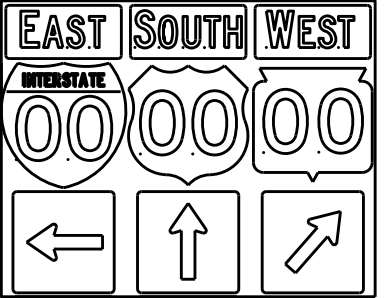
J2-3



J3-1



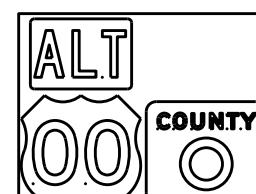
J3-2



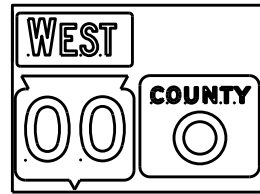
J3-3



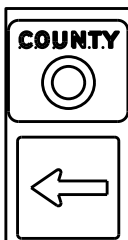
J4-1



J4-2



J4-2



J13-1



J12-1



J32-1



J33-1



J23-1

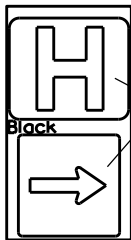


J22-1



JV

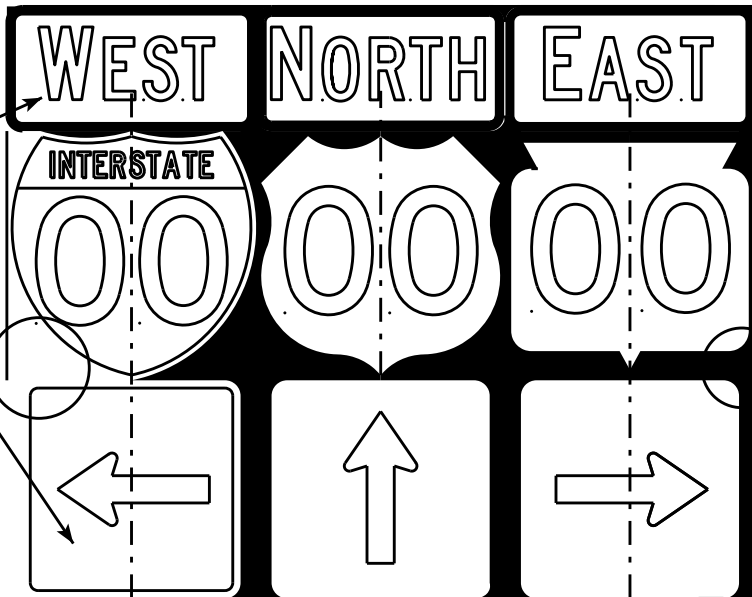
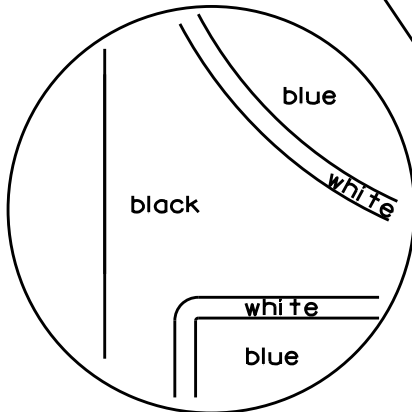
(Typical Vertical J-Assembly
See Note 10 and 11)



JH-1

Blue Background

[blue background
with interstate]



[black background]

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 2/06/14 PLATE NO. A2-1S.8

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 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.
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.

PROJECT NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A21S.DGN

PLOT DATE : 06-FEB-2014 14:10

PLOT BY : mscs.ja

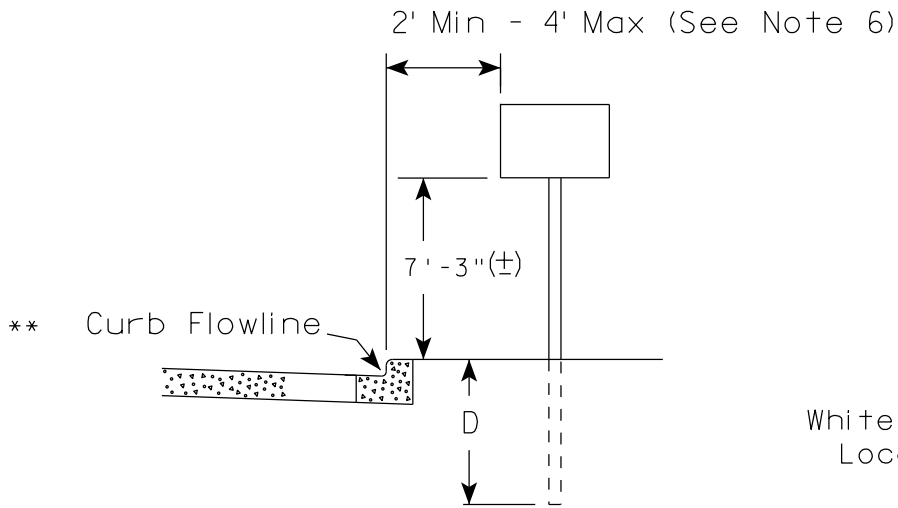
PLOT NAME :

SHEET NO:

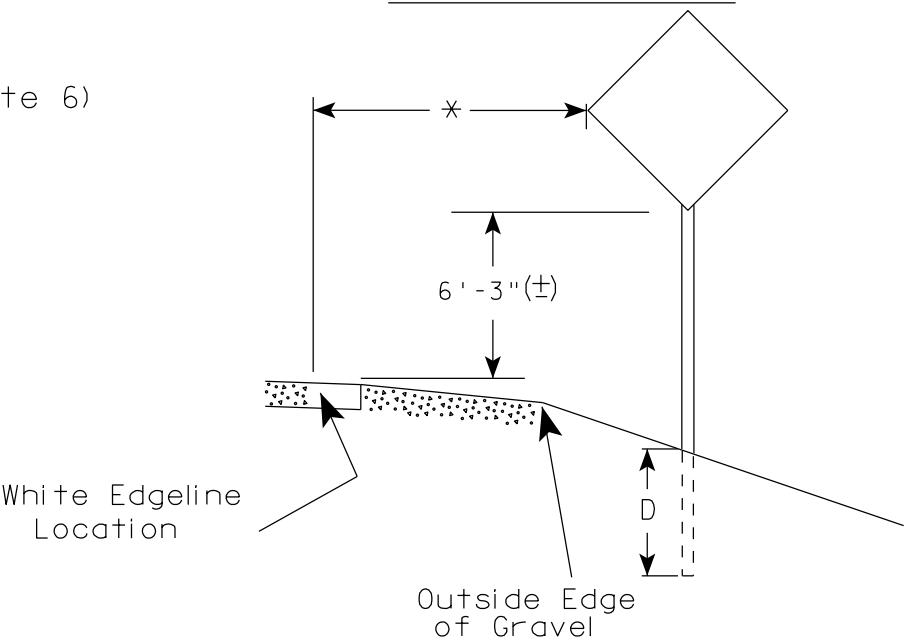
E

WISDOT/CADDs SHEET 42

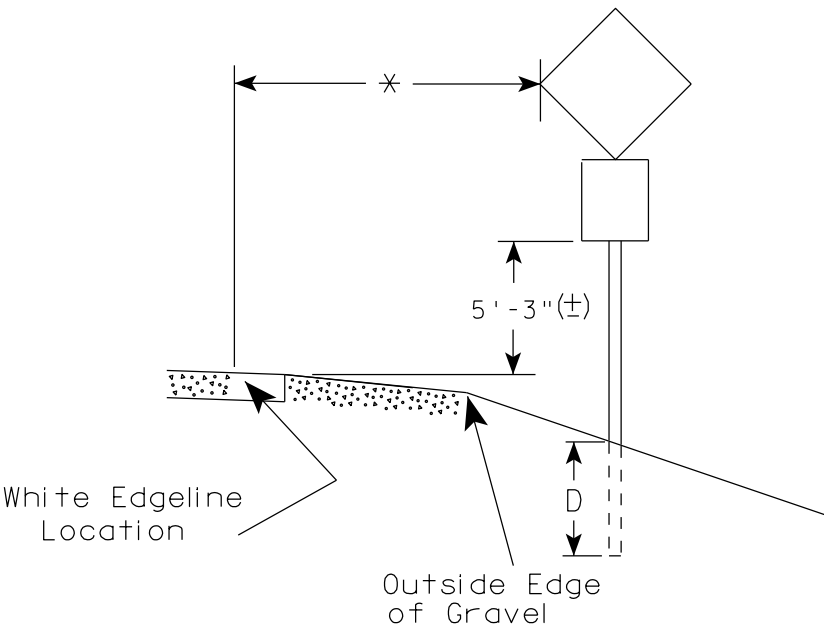
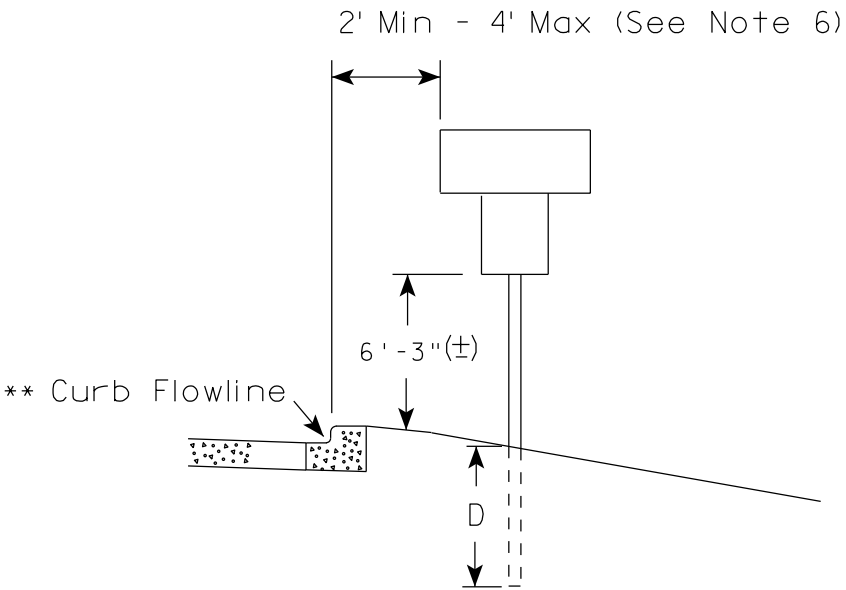
URBAN AREA



RURAL AREA (See Note 2)



- 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 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 (A2-1S) 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 signs 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), 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" (±).



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.

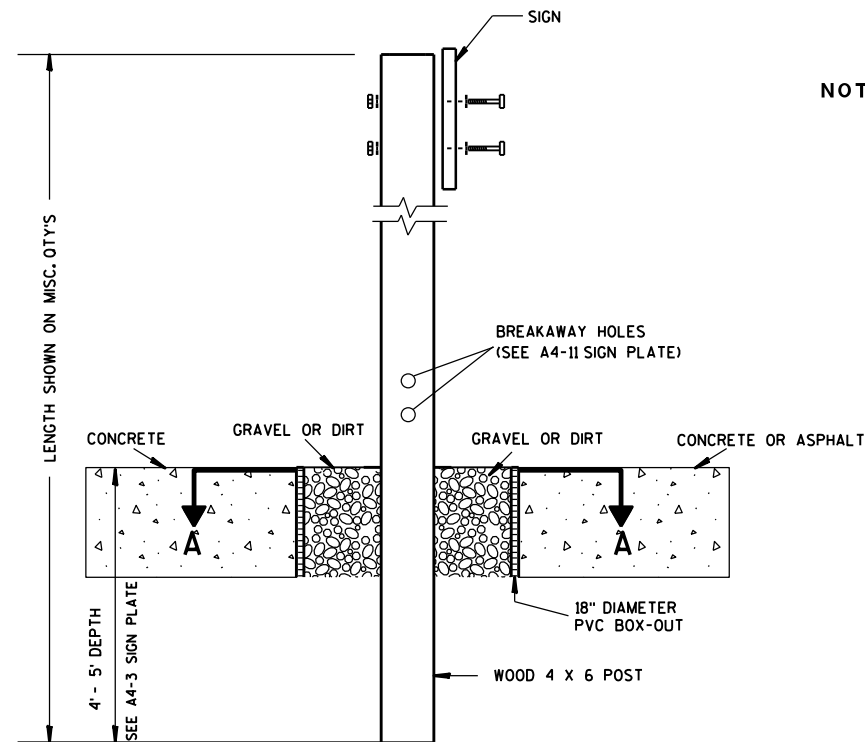
* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

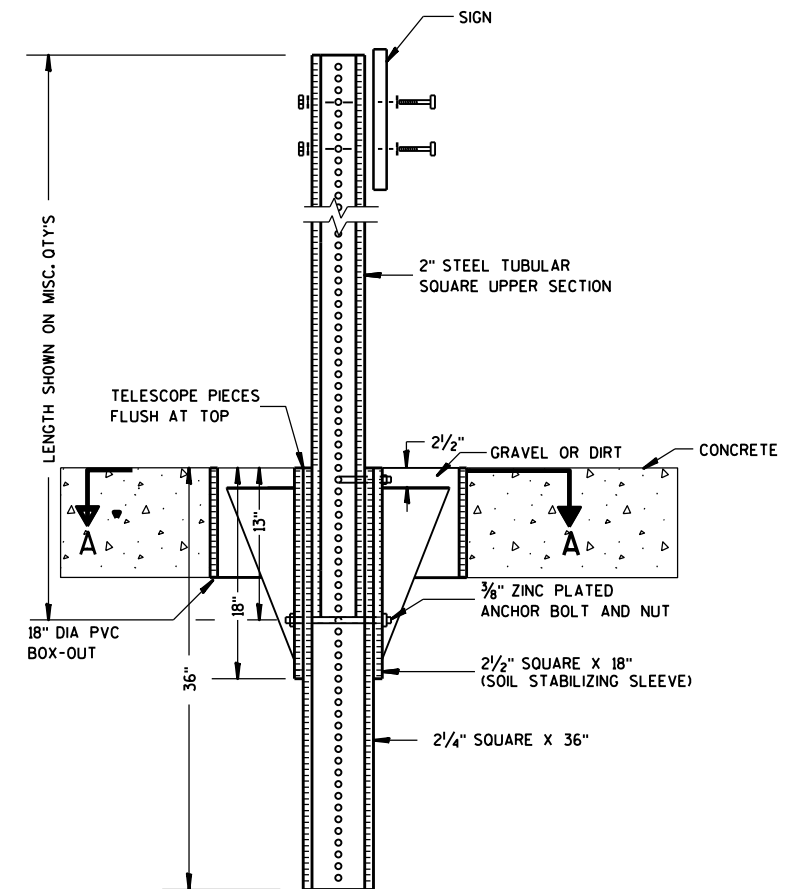
DATE 7/23/15 PLATE NO. A4-3.20



ELEVATION VIEW

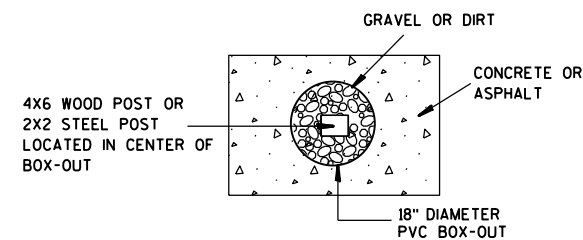
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

- 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:

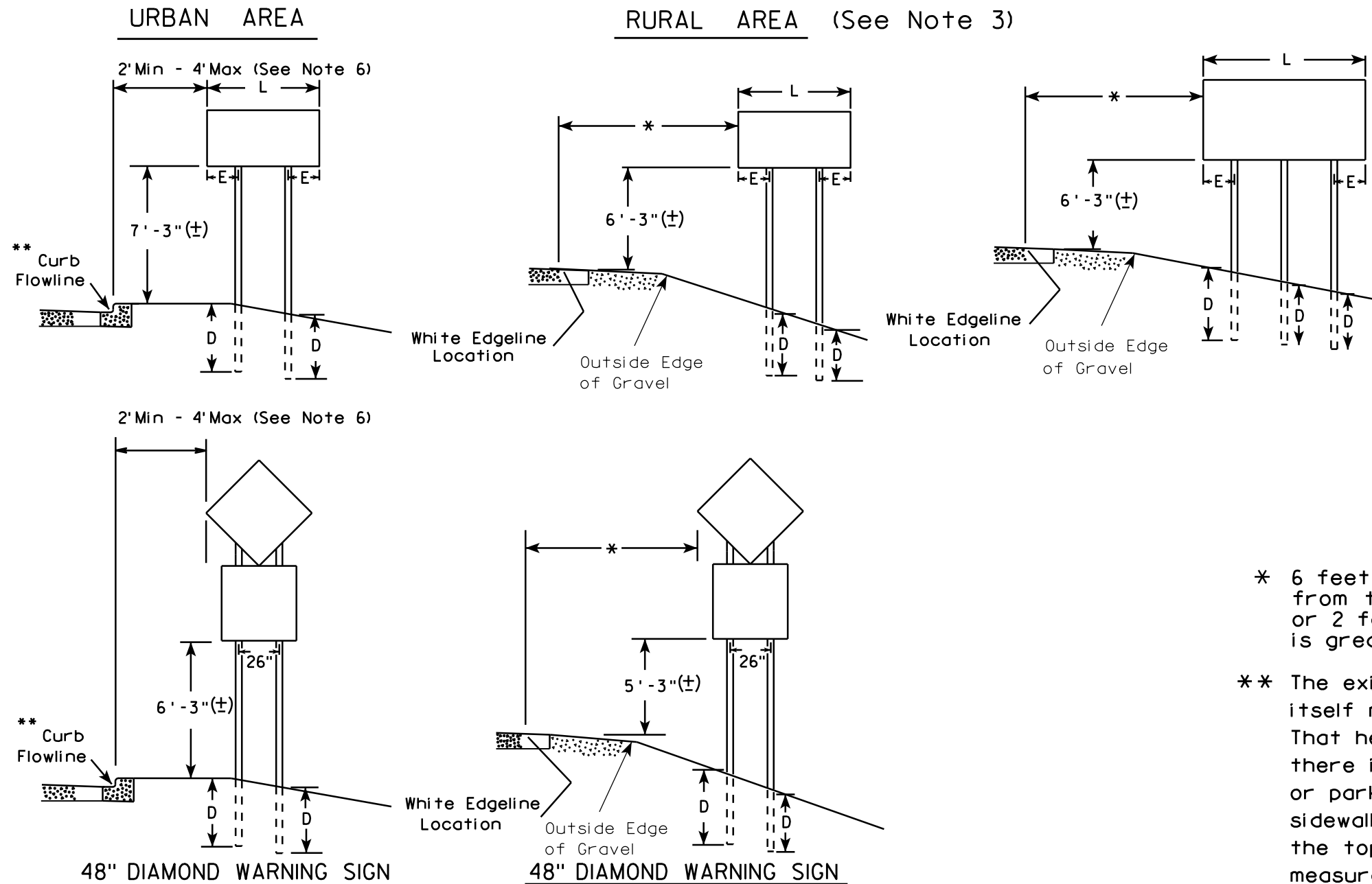
SHEET NO:

E

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" ($\pm$) or 6'-3" ($\pm$) depending upon existence of sub-sign.
4. The ($\pm$) tolerance for mounting height is 3 inches.
5. Minimum mounting height for J assemblies (A2-1S) is 7'-3" ($\pm$) or 6'-3" ($\pm$) per urban or rural detail respectively.
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" ($\pm$) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" ($\pm$). 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" ($\pm$).

** 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.



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"

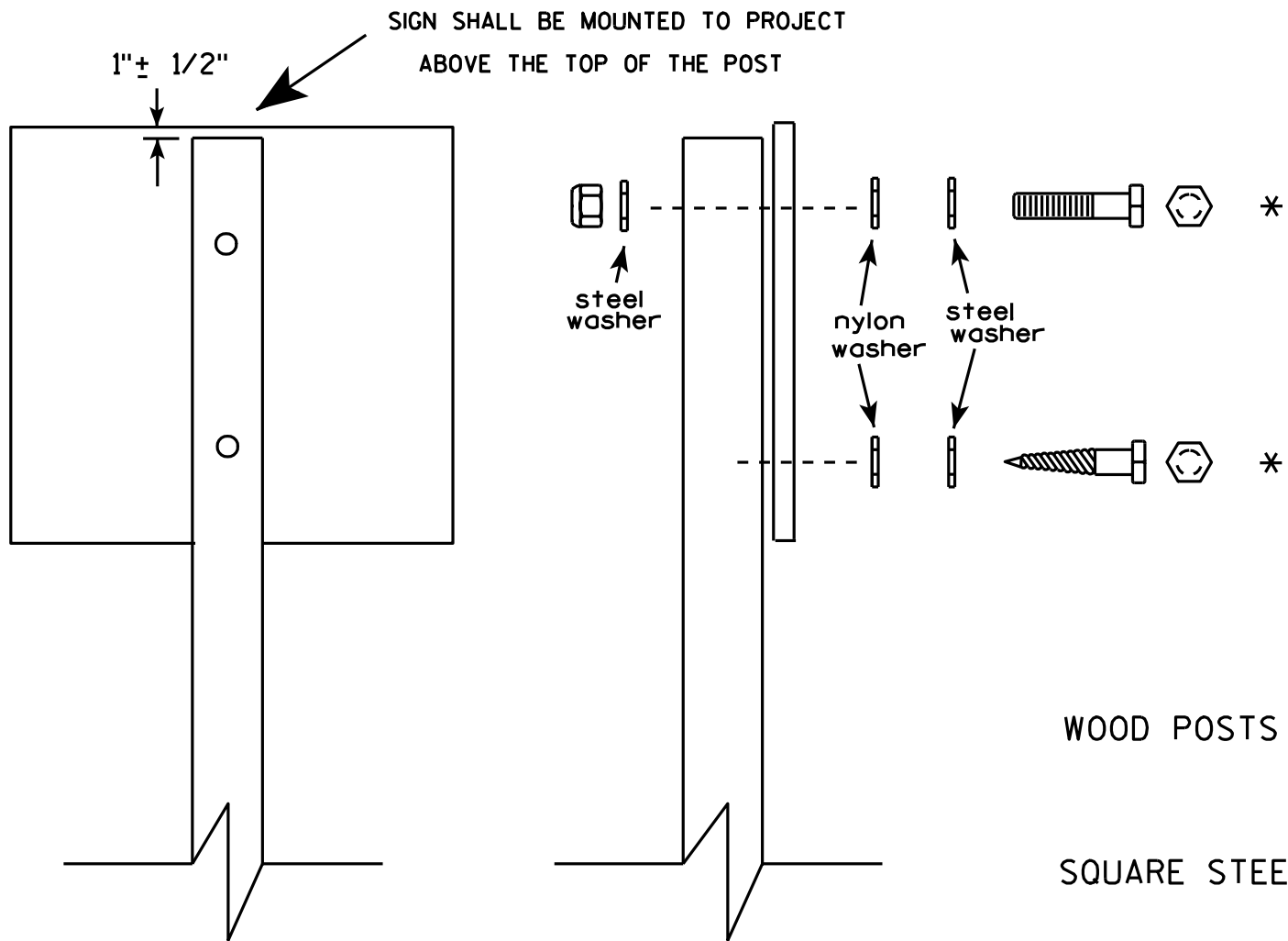
POST EMBEDMENT DEPTH	
Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION
OF TYPE II SIGNS
ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R. Rauch
For State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4.14

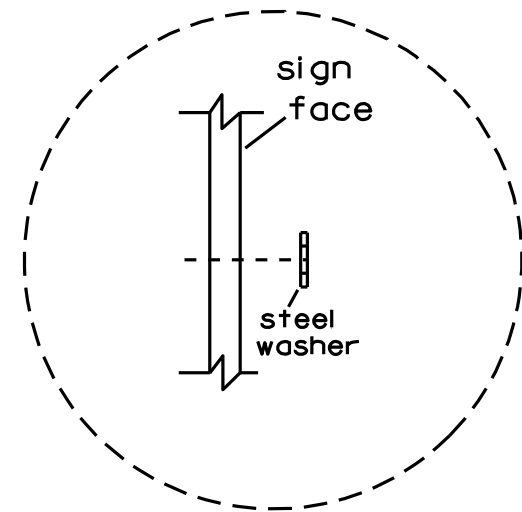


Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

- 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 - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts
- SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
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 for all Type H signs.

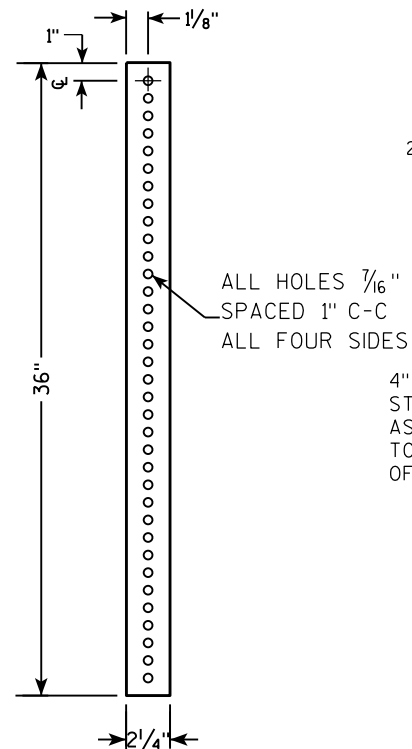


Washer Placement when Sign Has Other Than Type H or Type F Face

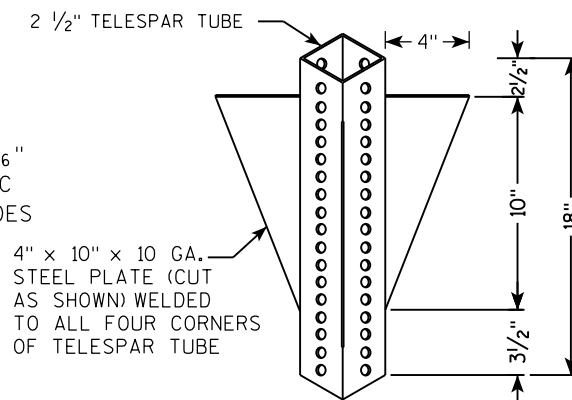
* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require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

**2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH**



**2 1/2" SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH**



LENGTH SHOWN ON MISC. QTY'S

18" DIA SCHEDULE 40 PVC BOX-OUT

TELESCOPE PIECES FLUSH AT TOP

2" STEEL TUBULAR SQUARE UPPER SECTION

ALL HOLES $\frac{7}{16}$ " SPACED 1" C-C ALL FOUR SIDES

$\frac{3}{8}$ " ZINC PLATED CORNER ANCHOR BOLT AND NUT

2 1/2" GRAVEL OR DIRT

13"

18"

36"

2 1/2" SQUARE X 18" (SOIL STABILIZING SLEEVE)

2 1/4" SQUARE X 36"

SEE SIGN PLATE A4-8 FOR BOLT WASHER, & NUT MATERIAL

SIGN

LENGTH SHOWN ON MISC. QTY'S

SIGN

SEE SIGN PLATE A4-8 FOR BOLT WASHER, & NUT MATERIAL

2" STEEL TUBULAR SQUARE UPPER SECTION

ALL HOLES $\frac{7}{16}$ " SPACED 1" C-C ALL FOUR SIDES

$\frac{3}{8}$ " ZINC PLATED CORNER ANCHOR BOLT AND NUT

TELESCOPE PIECES FLUSH AT TOP

1"

$\frac{3}{8}$ " ZINC PLATED ANCHOR BOLT AND NUT

2 $\frac{1}{2}$ " SQUARE X 18" (SOIL STABILIZING SLEEVE)

2 $\frac{1}{4}$ " SQUARE X 36"

36"

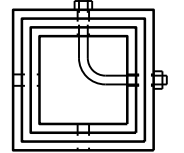
18"

12"

A

B

3/8" ZINC PLATED CORNER
ANCHOR BOLT AND NUT



DIRECTION
OF TRAFFIC

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

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthieu R. Rauch

for State Traffic Engineer

DATE 2/05/15 PLATE NO. A4-9.9

PROJECT NO:

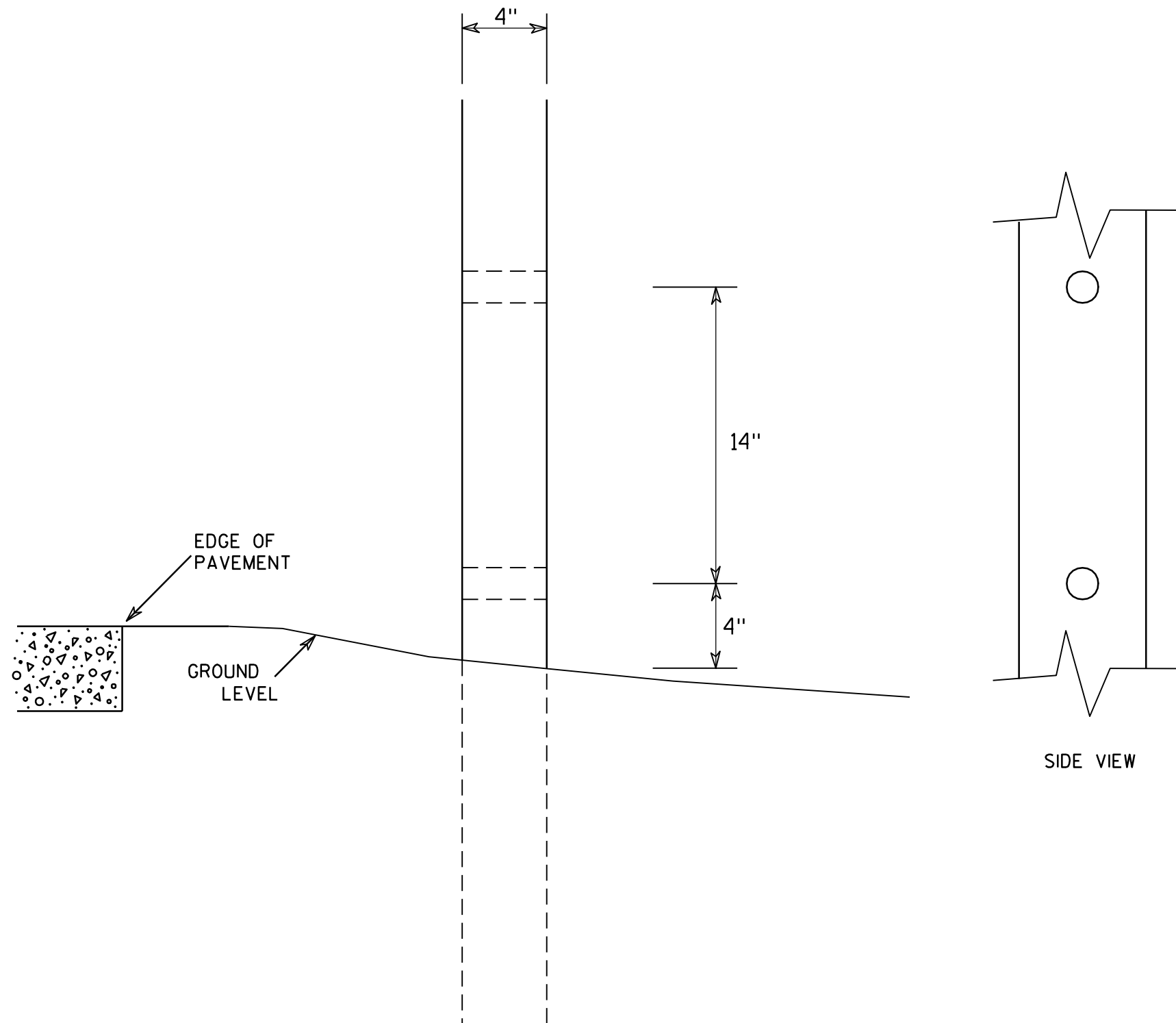
HWY:

COUNTY:

SHEET NO:

三

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

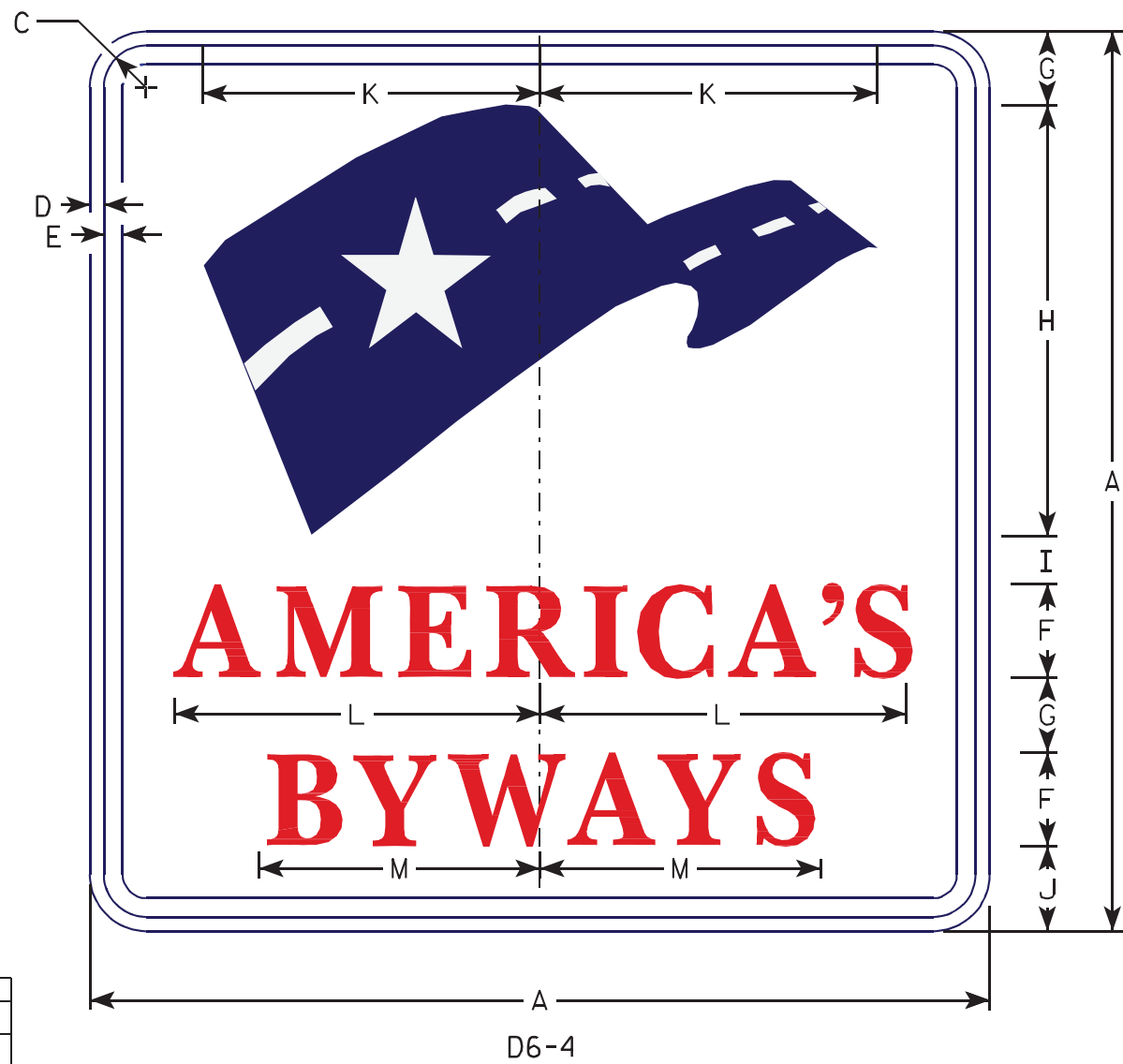
PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E



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 Logo is Blue with White dashes and Star.
3. Message Series - SPECIAL FONT (See MUTCD Standard Highway Signs Manual)
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.

Metric equivalent for this sign is:

SIZE	
1	
2	600 mm X 600 mm
3	
4	900 mm X 900 mm
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 sq. m.
1																												
2	24		1 1/8	3/8	1/2	2 1/2	2	11 1/2	1 1/4	2 1/4	9	9 3/4	7 1/2														4.0	0.36
3																												
4	36		1 5/8	3/4	5/8	3 3/4	3	17 1/4	1 7/8	3 3/8	13 1/2	14 5/8	11 1/4														9.0	0.81
5																												

STANDARD SIGN

D6 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 4/30/10 PLATE NO. D6-4.1

PROJECT NO:

HWY:

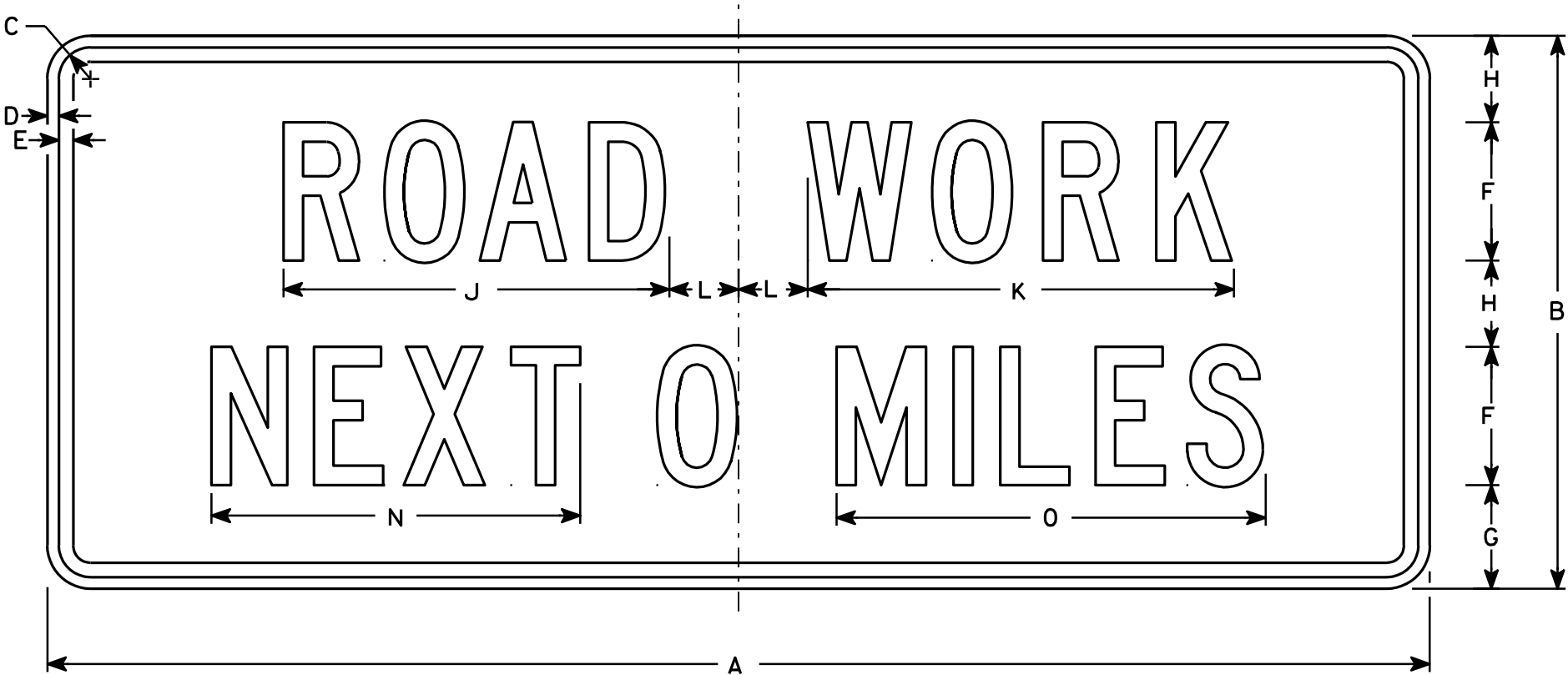
COUNTY:

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 - Orange
Message - Black
- 3. Message Series - C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
- 5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance



G20-1

Metric equivalent
for this sign is:

SIZE	
1	
2	1500 mm X 600 mm
3	
4	1500 mm X 600 mm
5	

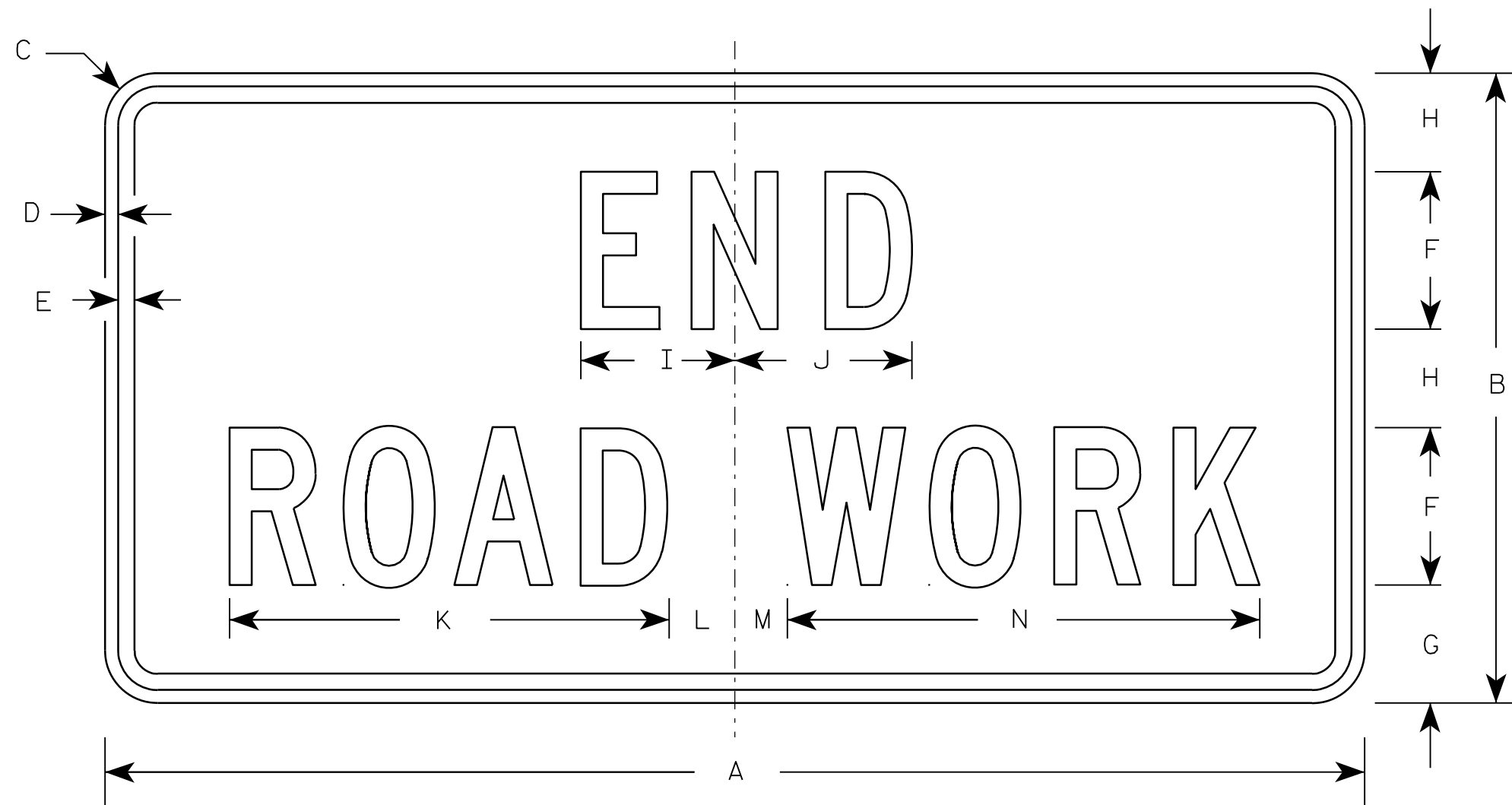
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.	Area m ²
1																												
2	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90
3																												
4	60	24	1 3⁄8	1⁄2	5⁄8	6	4 1⁄2	3 3⁄4		16 3⁄4	18 1⁄2	3		16	18 5⁄8												10	.90
5																												

STANDARD SIGN
G20-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Chris J. Spay
State Traffic Engineer
DATE 4/8/97 PLATE NO. G20-1.7

7



G20-2A

Metric equivalent
for this sign is:

SIZE	
1	900 mm X 450 mm
2	1200 mm X 600 mm
3	1200 mm X 600 mm
4	1200 mm X 600 mm
5	1200 mm X 600 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 sq. m.
1	36	18	1 1/8	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5	0.41
2	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
3	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
4	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72
5	48	24	1 1/2	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0	0.72

NOTES

- Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - Orange
Message - Black
- Message Series - C
- 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

PROJECT NO:

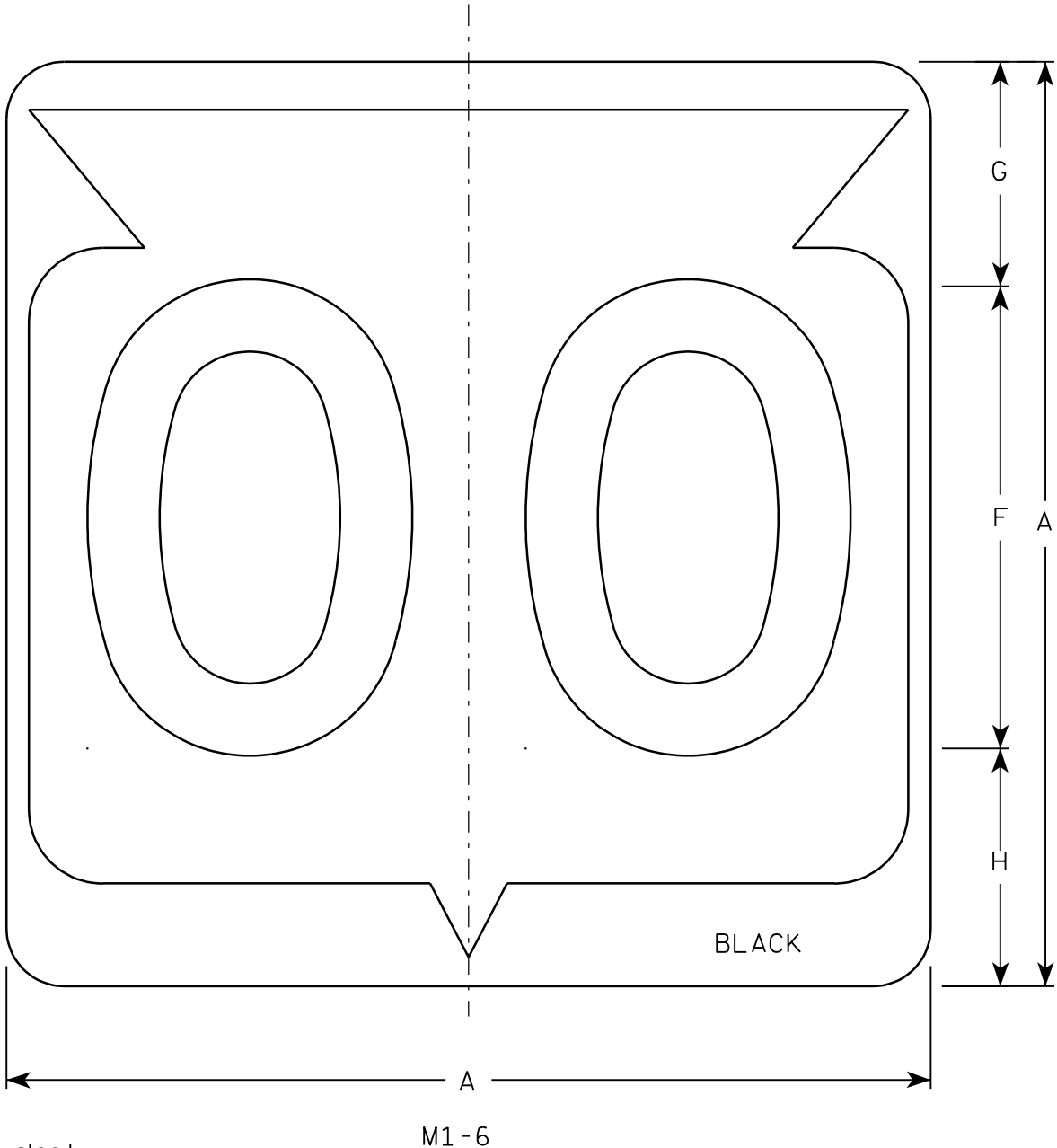
HWY:

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 ²
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:

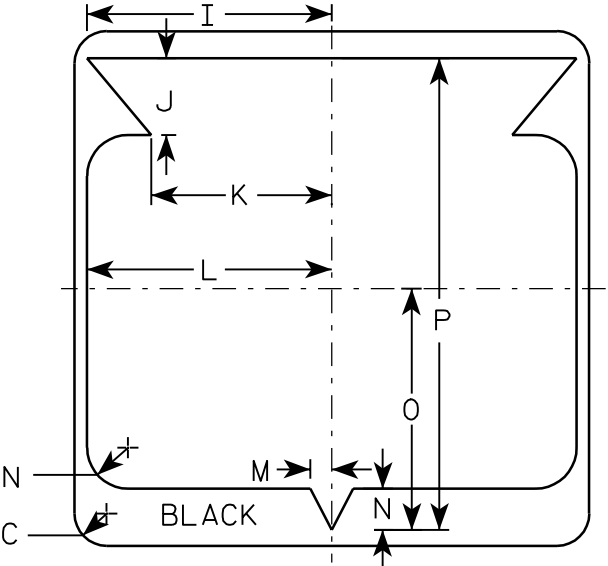
COUNTY:

SHEET NO:

E

NOTES

1. Sign is Type II - See Note 6 - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - White & Black - See Note 6
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. Substitute appropriate Series numerals and adjust spacing as per plate A10-1.
6. Permanent Signs
Background - Type H Reflective
Detour or temporary Signs
Background - Reflective



STATE ROUTE MARKER
M1-6 FOR ASSEMBLIES

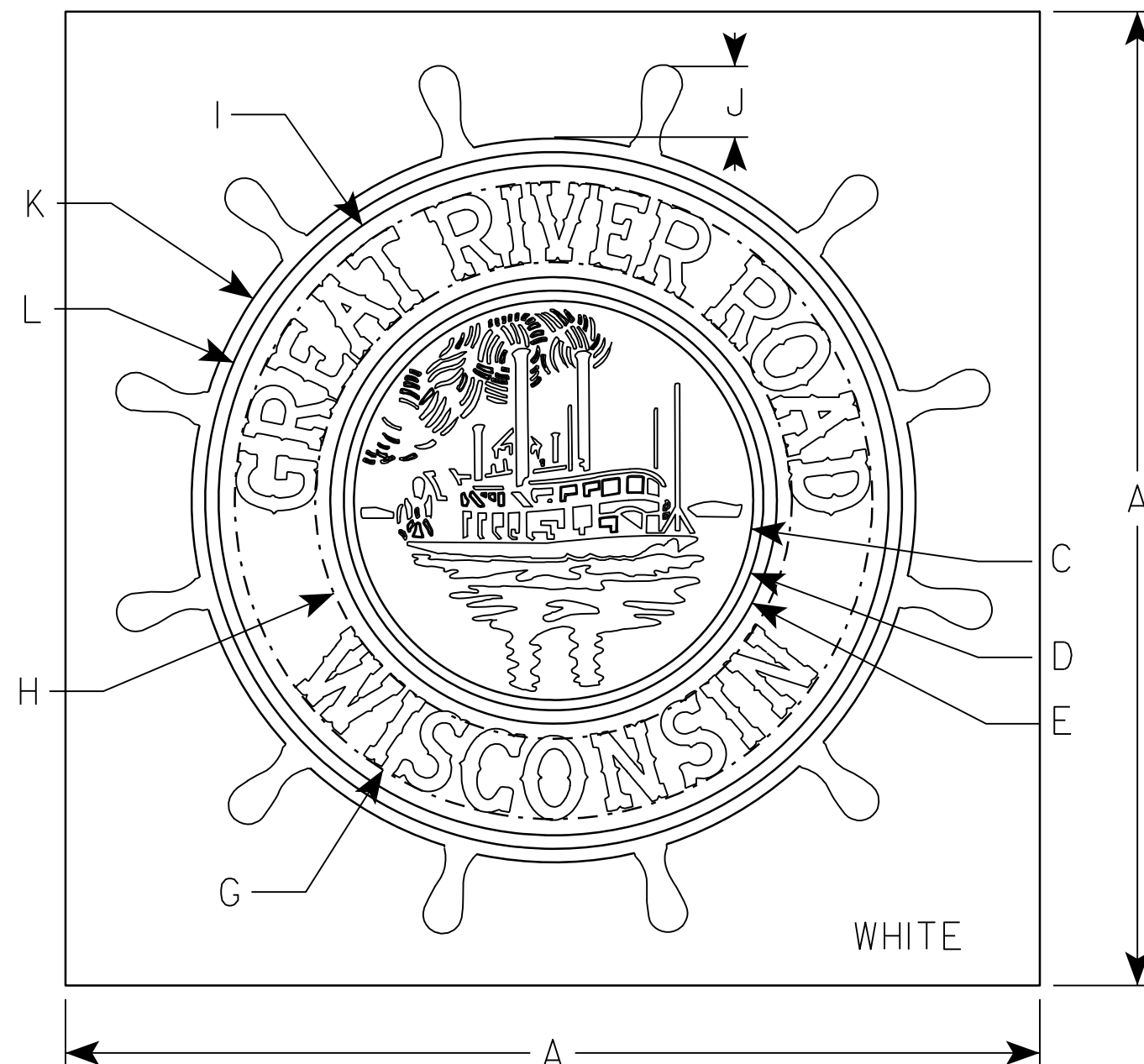
WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Chester J. Spang
for State Traffic Engineer

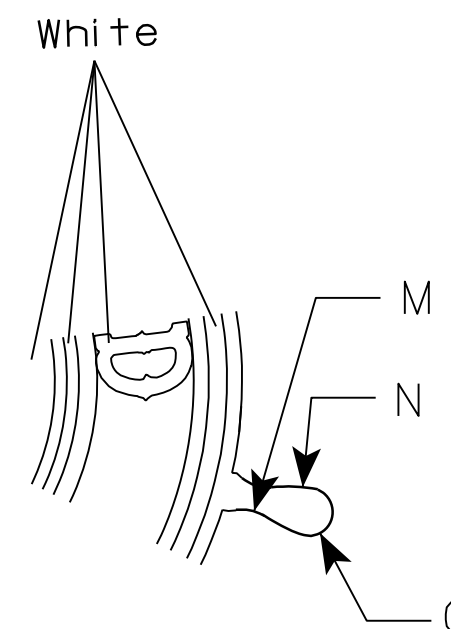
DATE 3/20/02

PLATE NO. M1-6.9



NOTES

- Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- Color:
Background - White
Message - Words - White - Graphics - Green
- Message Series - Special
- 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		R 5	R 5 ¼	R 5 ½		R 7 ⅞	R 5 ⅞	R 8 ½	1 ¾	R 4 ½	R 8 ½	R ⅞	R 3 ½	R ½												4.0
3																											
4	36		R 7 ⅞	R 7 ¾	R 8 ¼		R 11 ¾	R 8 ¾	R 12 ⅜	2 ⅝	R 13 ⅜	R 12 ⅞	R 1 ⅜	R 5 ¼	R ¾												9.0
5																											

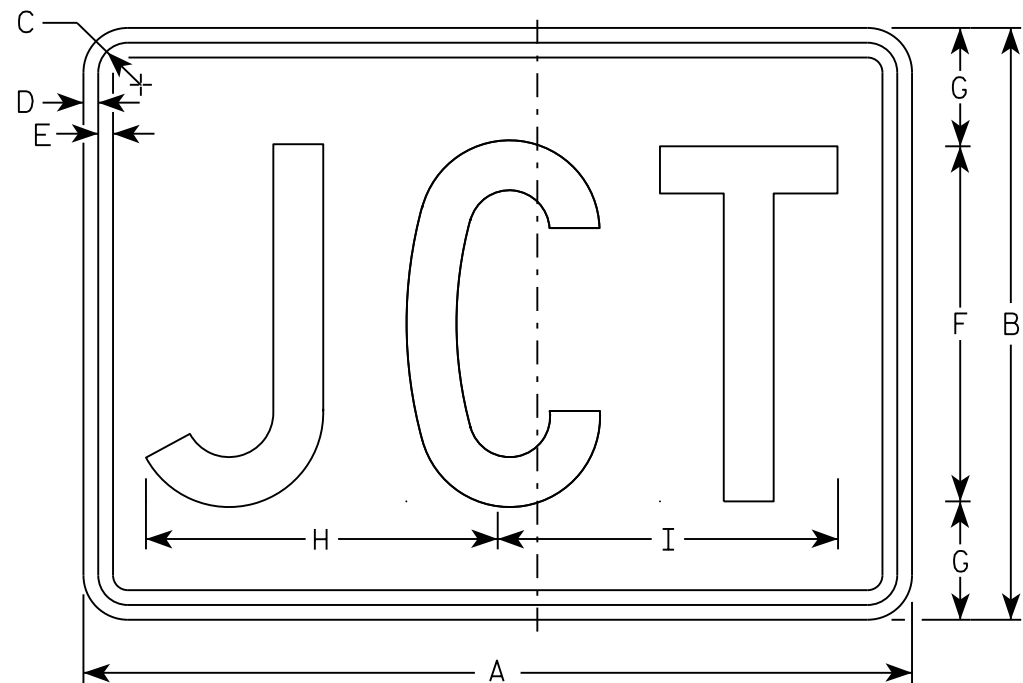
STANDARD SIGN M1-96

WISCONSIN DEPT OF TRANSPORTATION

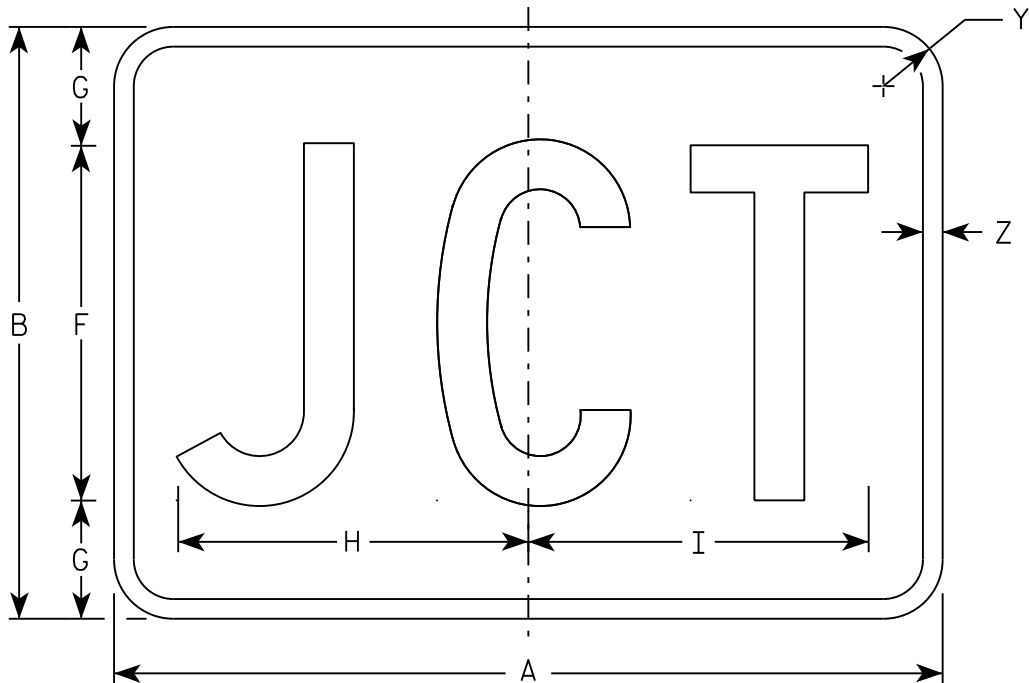
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 2/23/10 PLATE NO. M1-96.2

PROJECT NO: HWY: COUNTY: SHEET NO: E



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

- 1. Sign is 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. M2-1 Background - White
 Message - Black
 MB2-1 Background - Blue
 Message - White
 MK2-1 Background - Green
 Message - White
 MM2-1 Background - White
 Message - Green
 MN2-1 Background - Brown
 Message - White
 MP2-1 Background - White
 Message - Blue
 MR2-1 Background - Brown
 Message - Yellow

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21	15	1 1/8	3/8	3/8	9	3	8 7/8	8 5/8																1 1/2	1/2	2.20
3	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
4	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40
5	30	21	1 1/8	3/8	3/8	13	4	12 7/8	12 3/8																1 1/2	1/2	4.40

STANDARD SIGN

M2 - 1

WISCONSIN DEPT OF TRANSPORTATION

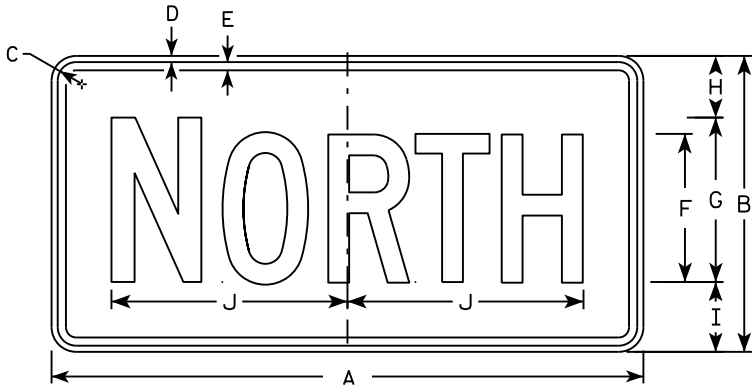
APPROVED

Matthew R. Rauch

For State Traffic Engineer

DATE 10/15/15

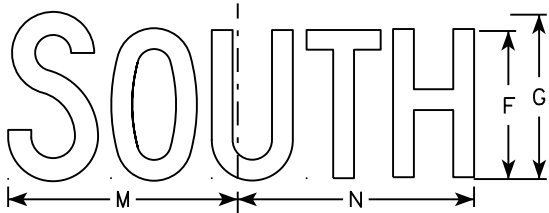
PLATE NO. M2-1.12



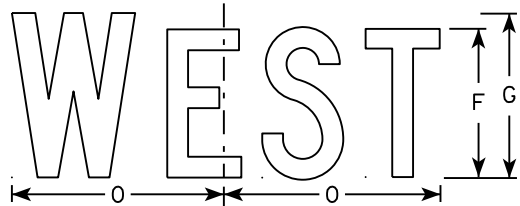
M3-1
MM3-1
MP3-1



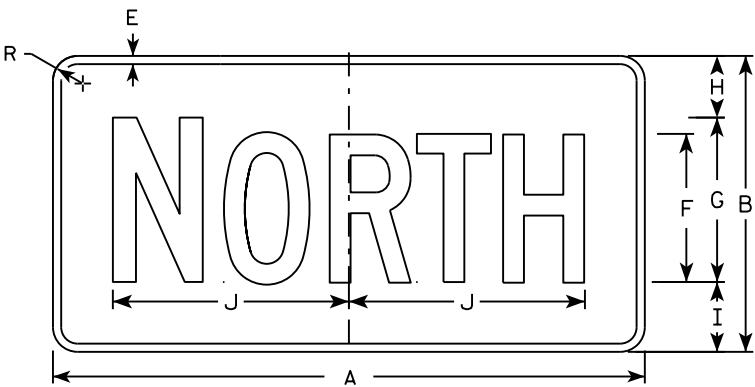
M3-2
MM3-2
MP3-2



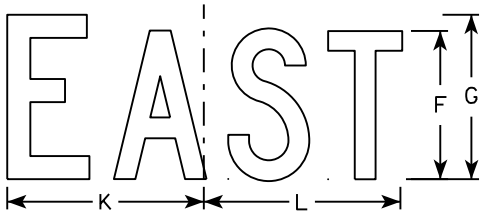
M3-3
MM3-3
MP3-3



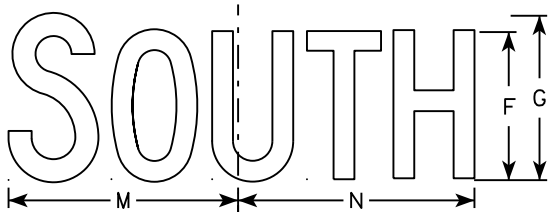
M3-4
MM3-4
MP3-4



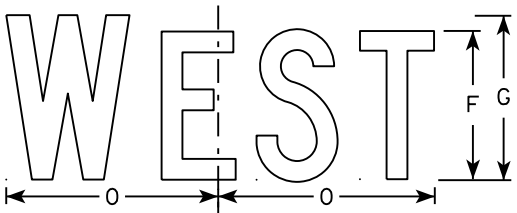
MB3-1
MK3-1
MN3-1



MB3-2
MK3-2
MN3-2



MB3-3
MK3-3
MN3-3



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.

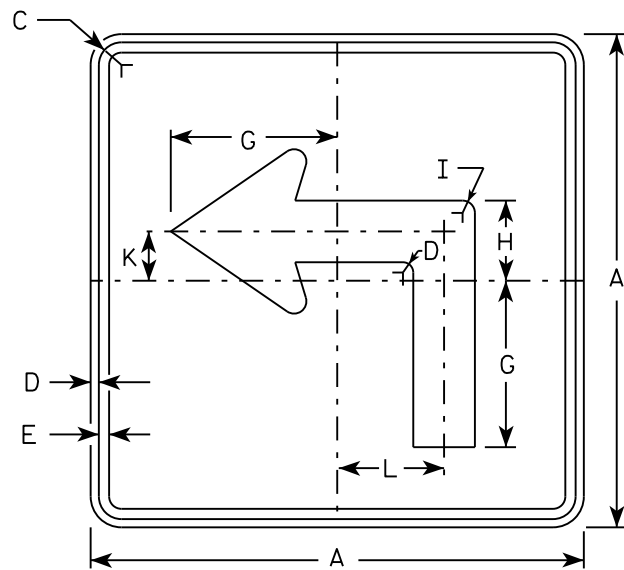
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	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 thru M3-4
SERIES

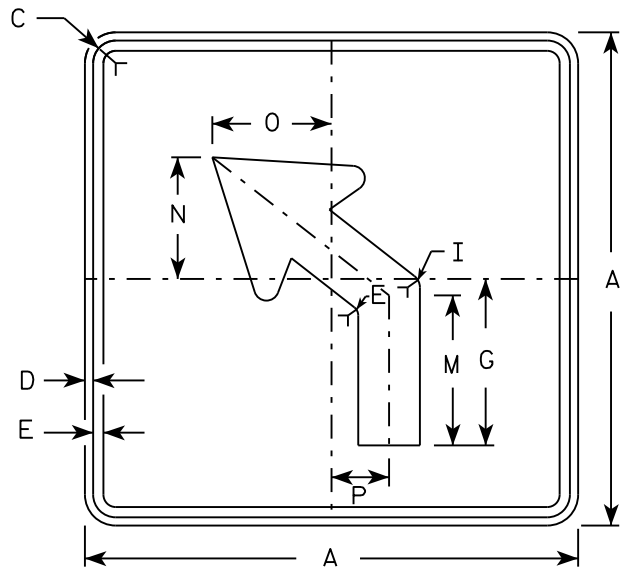
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

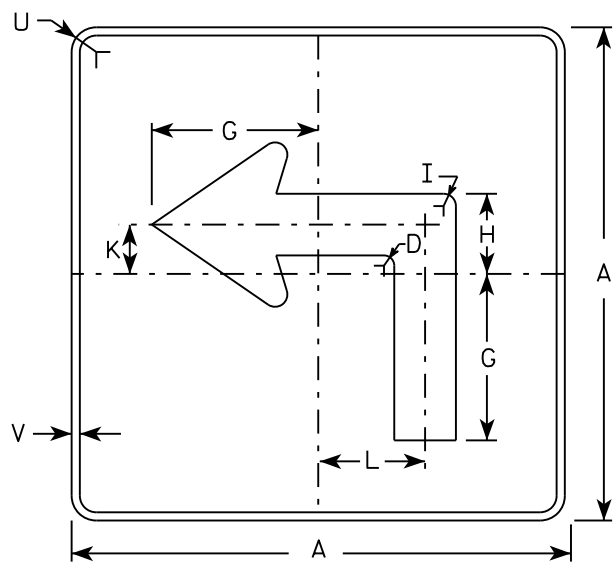
DATE 10/15/15 PLATE NO. M3-1.14



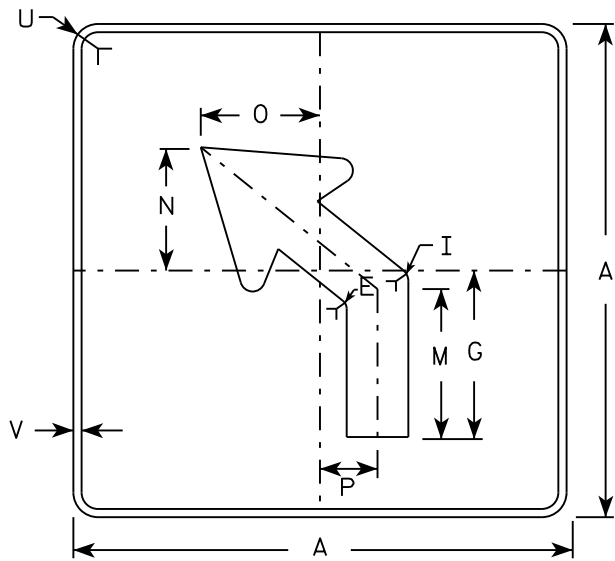
M5-1L
MM5-1L
M05-1L
MP5-1L



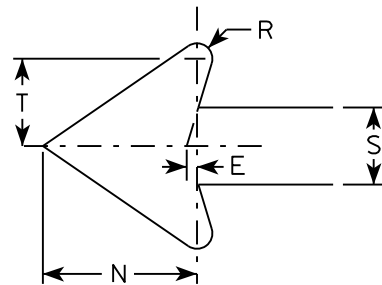
M5-2L
MM5-2L
M05-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

- Signs are Type II - Type H reflective except as shown
- Color:
Background - See note 4
Message - See note 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.
- 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
M05-1 and M05-2 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
- M5-1R same as M5-1L except arrow points right.
- 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

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

E

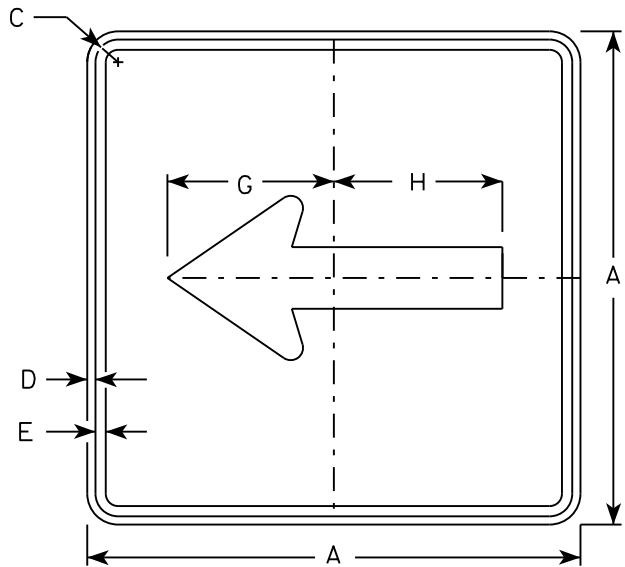
STANDARD SIGN

M5-1 & M5-2

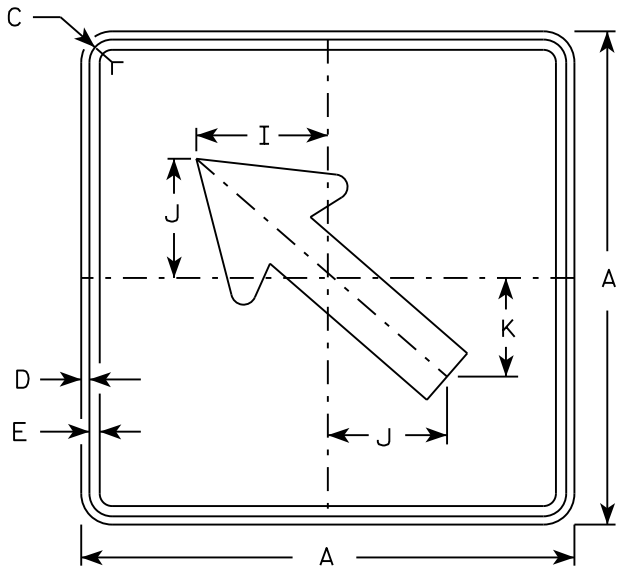
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

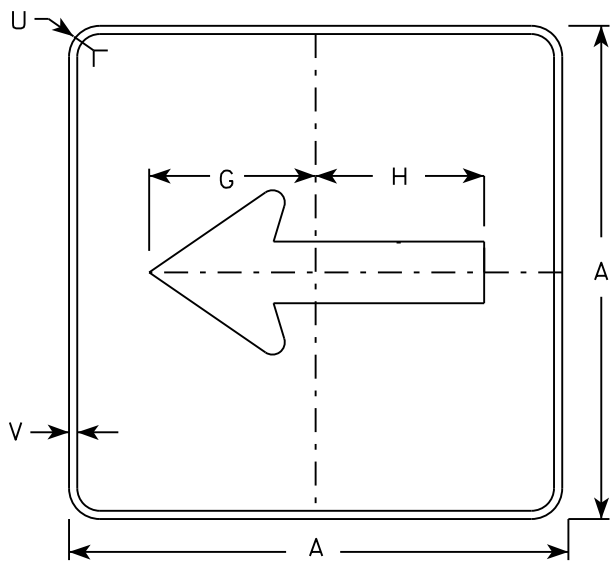
DATE 10/15/15 PLATE NO. M5-1.13



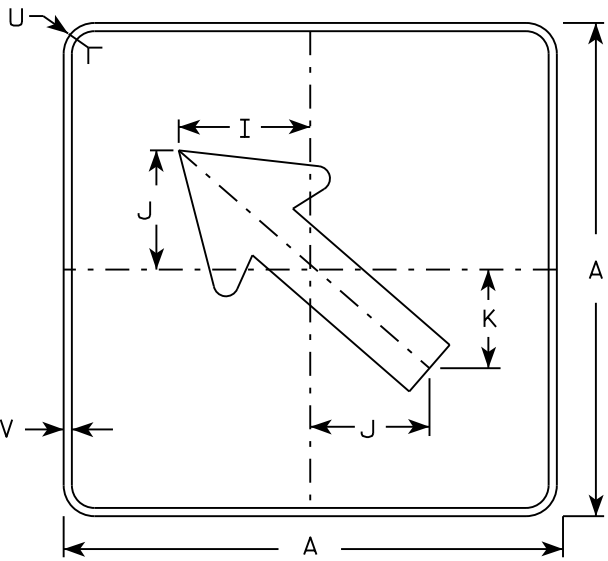
M6 - 1
MM6 - 1
M06 - 1
MP6 - 1



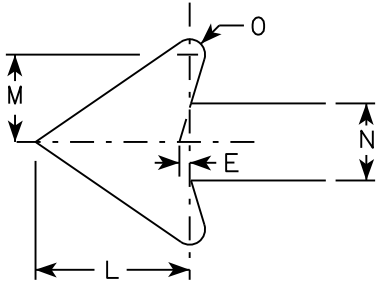
M6 - 2
MM6 - 2
M06 - 2
MP6 - 2



MB6 - 1
MK6 - 1
MN6 - 1
MR6 - 1



MB6 - 2
MK6 - 2
MN6 - 2
MR6 - 2



NOTES

- Signs are Type II - Type H except as Shown
- Color:
Background - See note 4
Message - See note 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.
- 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
M06-1 and M06-2 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

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

PROJECT NO:

HWY:

COUNTY:

SHEET NO:

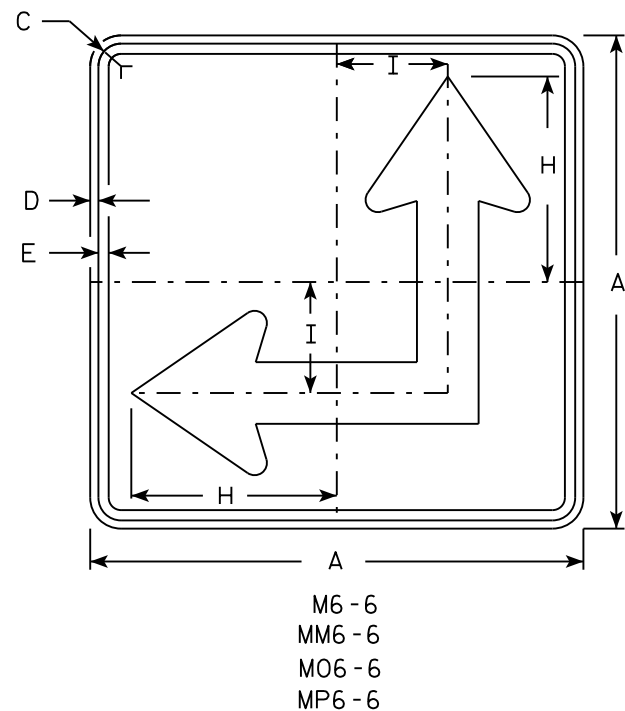
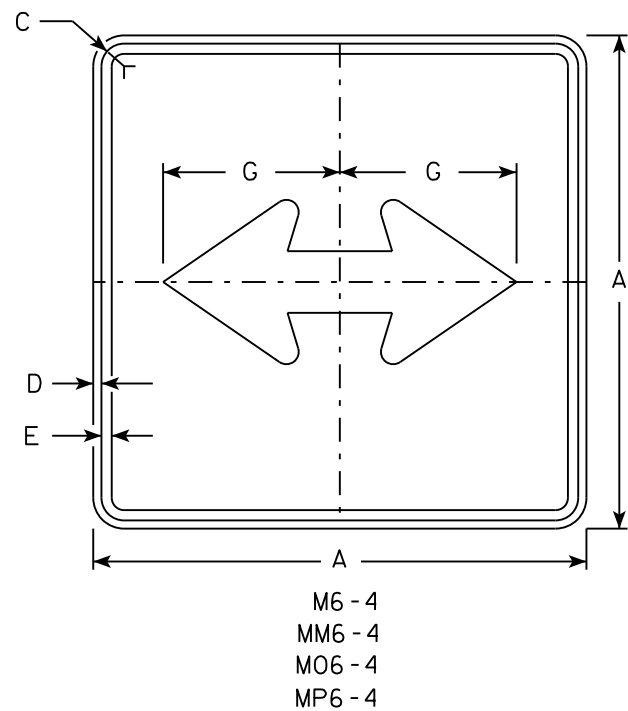
E

STANDARD SIGN
M6 - 1 & M6 - 2
SERIES

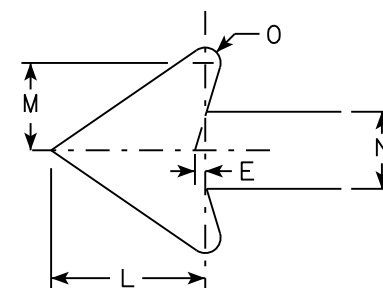
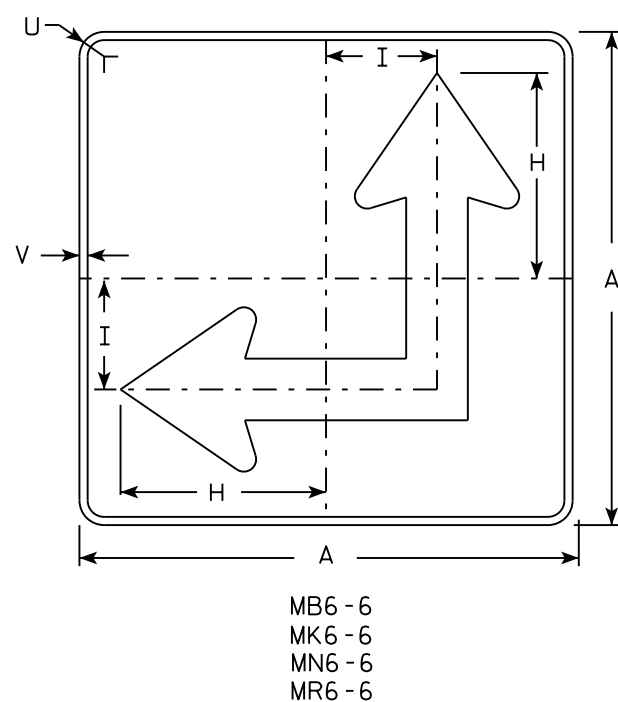
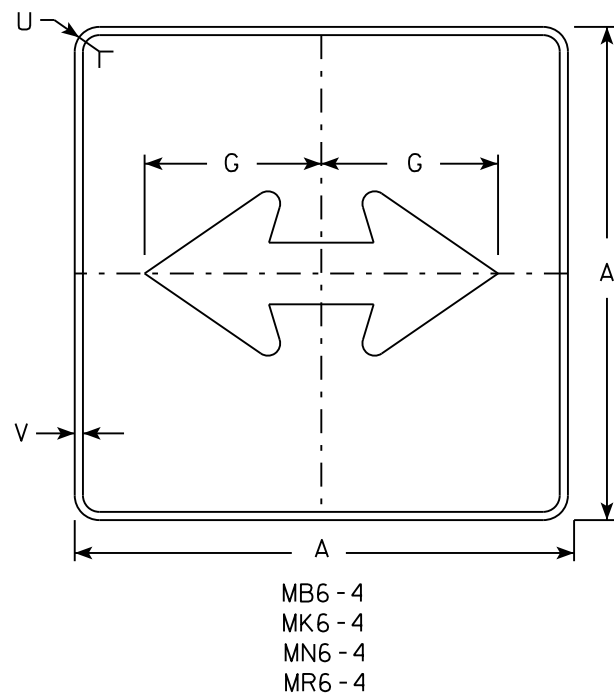
WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE NO. M6-1.15



- NOTES
- Signs are Type II - Type H except as Shown
 - Color:
Background - See Note 4
Message - See Note 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.
 - 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
M06-4 and M06-6 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
 - M6-6R same as M6-6L except arrow points ahead and right.



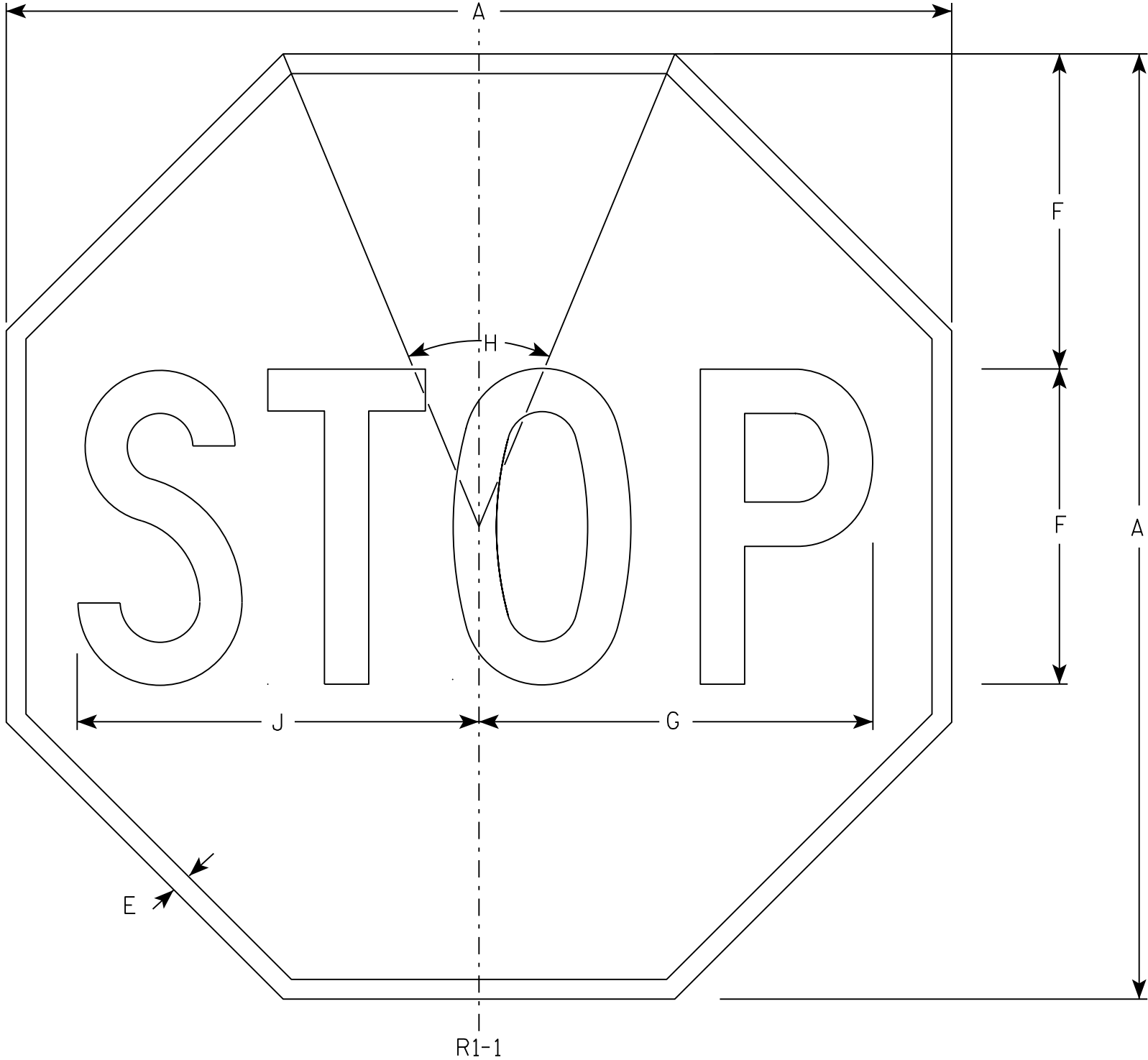
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2						1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 3/4	12 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 NO. M6-4.10



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

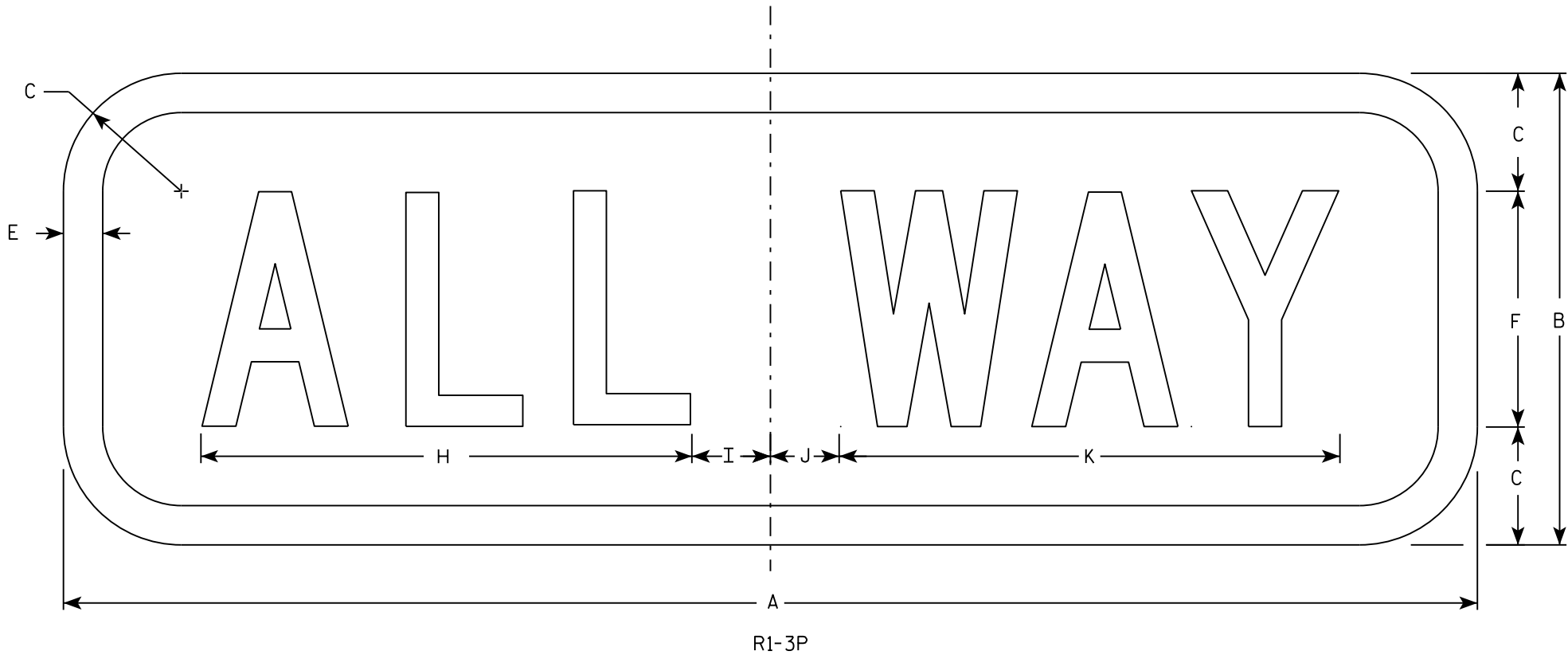
STANDARD SIGN

R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13



NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																0.75
2S	18	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																1.5
2M	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
3	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

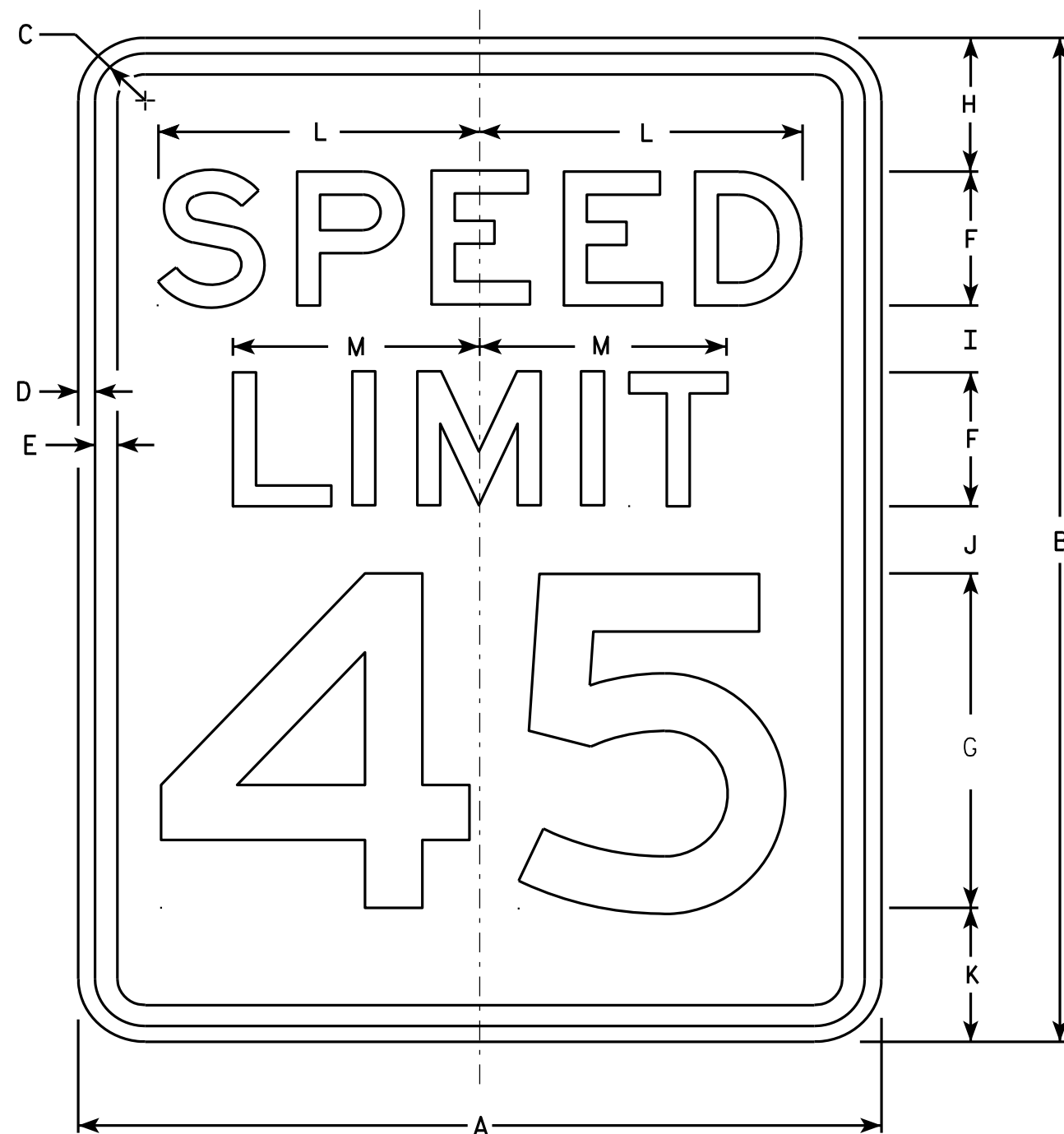
R1-3P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 9/24/15

PLATE NO. R1-3P.2



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

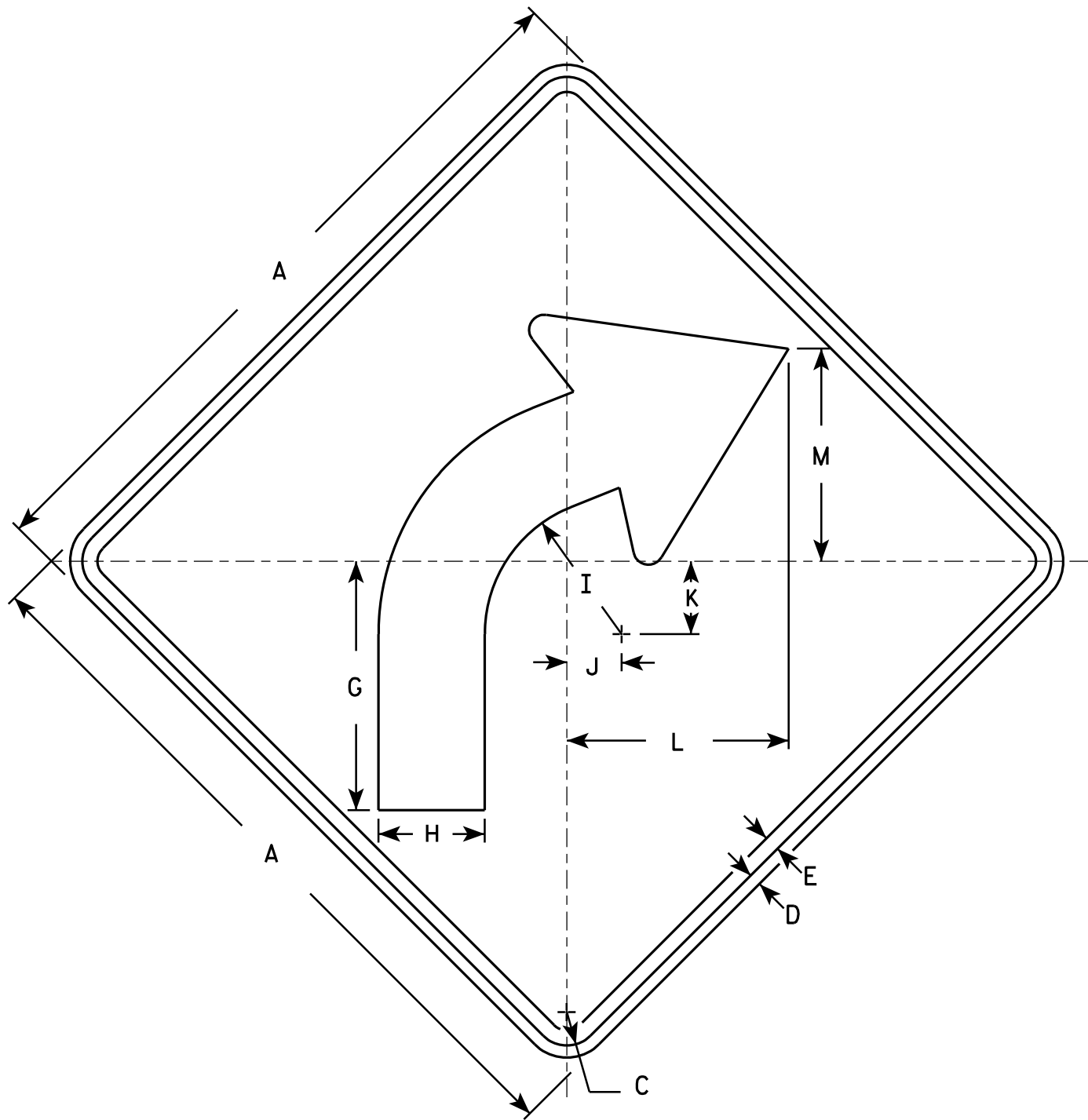
STANDARD SIGN
R2-1

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

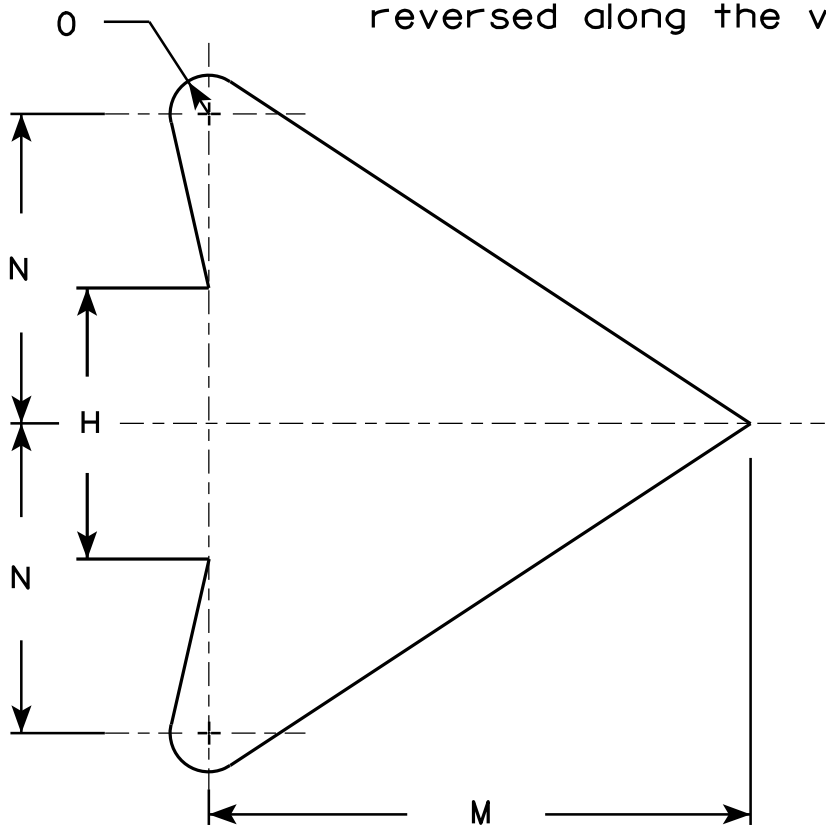
PROJECT NO: HWY: COUNTY: SHEET NO: E

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. W1-2L is the same as W1-2R except the arrow is
reversed along the vertical centerline.



W1-2R



ARROW DETAIL

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

STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

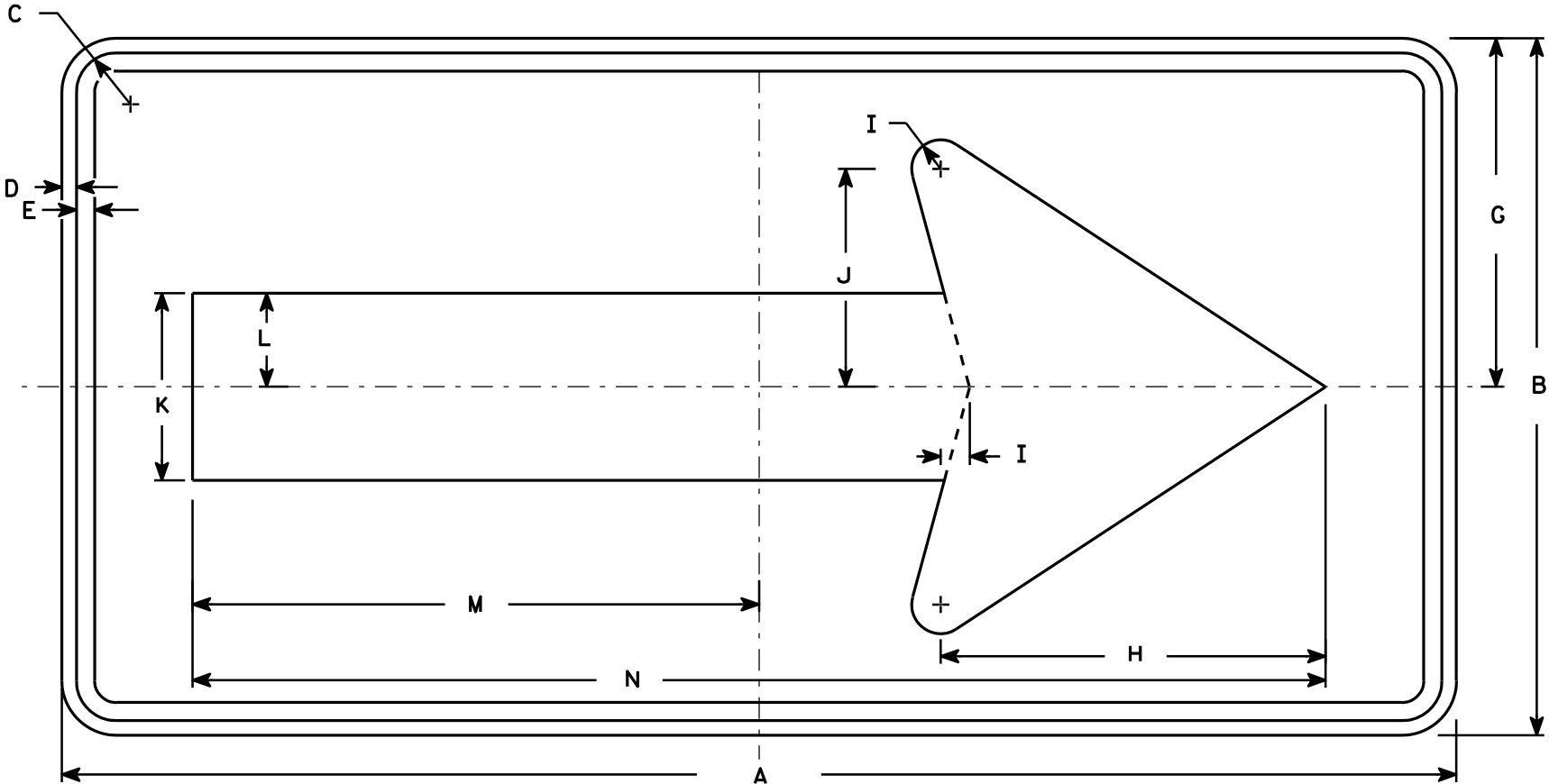
DATE 5/15/12 PLATE NO. W1-2.10

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.



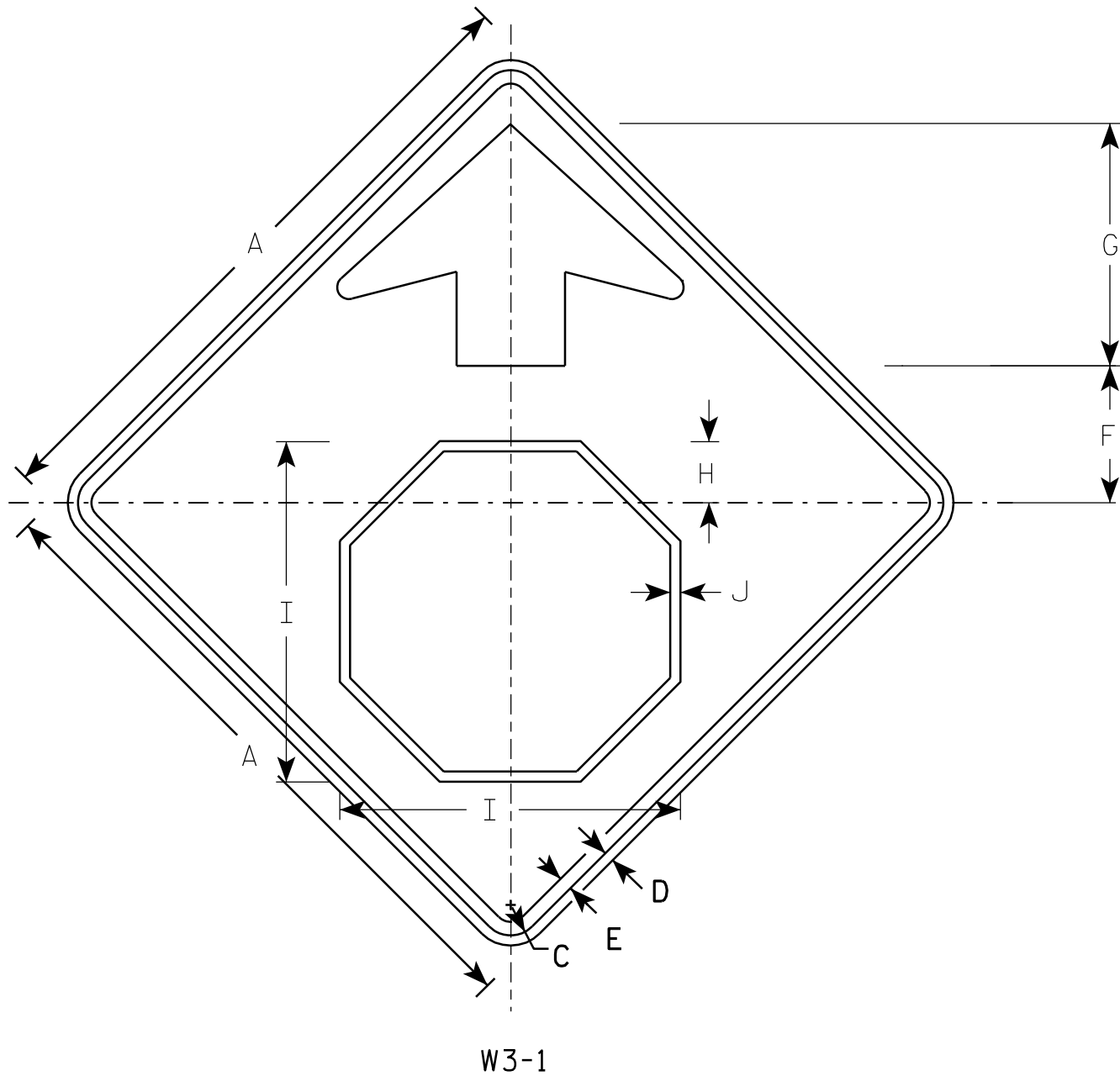
W1-6

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/8	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5
2S	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 3/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 3/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	96	48	2 1/4	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

STANDARD SIGN
W1-6

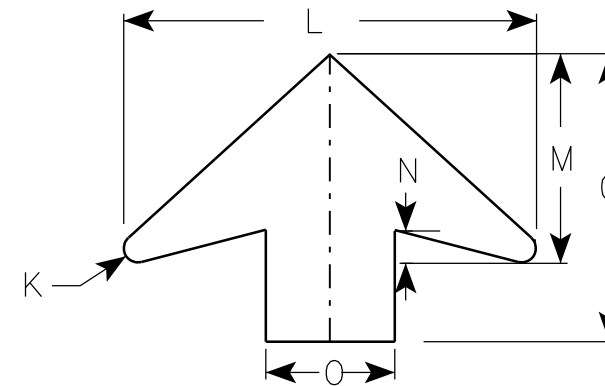
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 6/7/10 PLATE NO. W1-6.8



NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - YELLOW
Arrow & Border - BLACK
Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3⁄8	1⁄2	5⁄8	6 1⁄4	11 1⁄4	2 7⁄8	15 3⁄4	1⁄2	1⁄2	16	8	1 1⁄4	5												6.25
2S	36		1 5⁄8	5⁄8	3⁄4	7 1⁄2	13 1⁄2	3 1⁄2	19	5⁄8	5⁄8	19 1⁄4	9 3⁄4	1 5⁄8	6												9.0
2M	36		1 5⁄8	5⁄8	3⁄4	7 1⁄2	13 1⁄2	3 1⁄2	19	5⁄8	5⁄8	19 1⁄4	9 3⁄4	1 5⁄8	6												9.0
3	36		1 5⁄8	5⁄8	3⁄4	7 1⁄2	13 1⁄2	3 1⁄2	19	5⁄8	5⁄8	19 1⁄4	9 3⁄4	1 5⁄8	6												9.0
4	48		2 1⁄4	3⁄4	1	10	17 7⁄8	4 1⁄2	25 1⁄8	3⁄4	7⁄8	25 5⁄8	13	2	8												16.0
5	48		2 1⁄4	3⁄4	1	10	17 7⁄8	4 1⁄2	25 1⁄8	3⁄4	7⁄8	25 5⁄8	13	2	8												16.0

PROJECT NO:

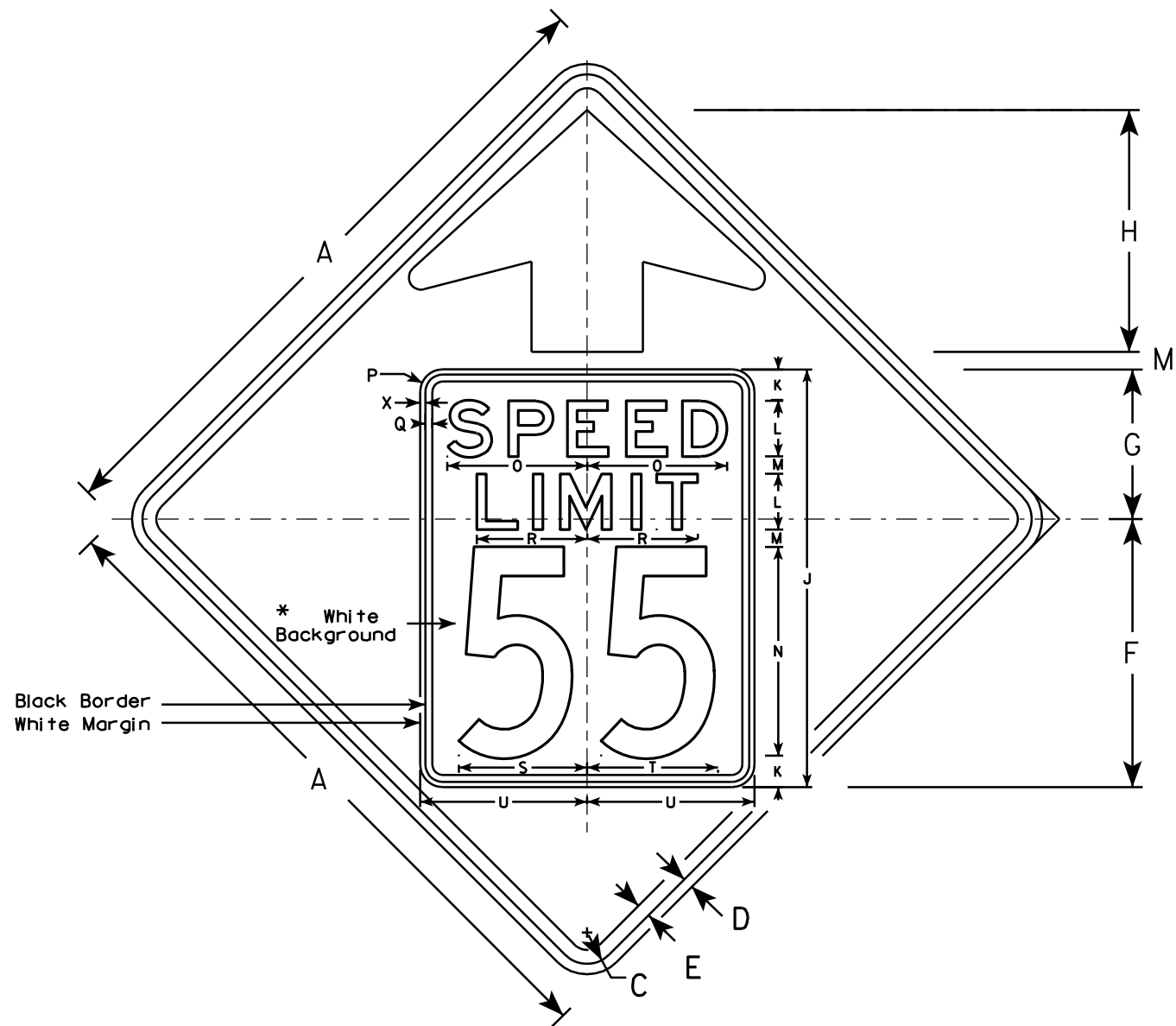
STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 6/7/10 PLATE NO. W3-1.12

SHEET NO:

E

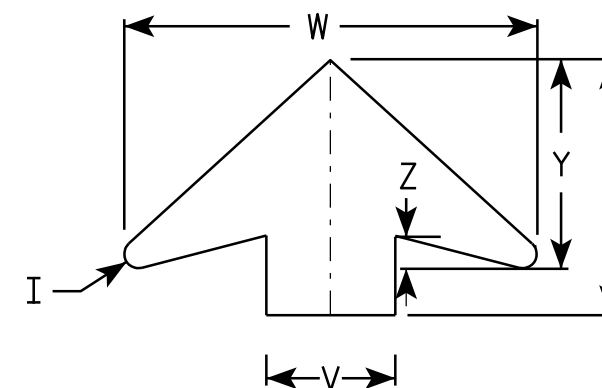


W3-5

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color: *
Background - YELLOW*
Message - BLACK
3. Message Series - C for numbers Series E for wording
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance

*Speed Limit Sign shall have a White Background



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36		1 5⁄8	5⁄8	3⁄4	14 1⁄2	9 1⁄2	11 1⁄2	5⁄8	24	2	3	1	12	7 1⁄8	1 1⁄2	3⁄8	5 3⁄4	7 1⁄4	7 1⁄8	9	6	19 1⁄4	3⁄8	9 3⁄4	1 5⁄8	9.0
2M	36		1 5⁄8	5⁄8	3⁄4	14 1⁄2	9 1⁄2	11 1⁄2	5⁄8	24	2	3	1	12	7 1⁄8	1 1⁄2	3⁄8	5 3⁄4	7 1⁄4	7 1⁄8	9	6	19 1⁄4	3⁄8	9 3⁄4	1 5⁄8	9.0
3	36		1 5⁄8	5⁄8	3⁄4	14 1⁄2	9 1⁄2	11 1⁄2	5⁄8	24	2	3	1	12	7 1⁄8	1 1⁄2	3⁄8	5 3⁄4	7 1⁄4	7 1⁄8	9	6	19 1⁄4	3⁄8	9 3⁄4	1 5⁄8	9.0
4	48		2 1⁄4	3⁄4	1	19 1⁄4	10 3⁄4	17 3⁄8	7⁄8	30	2 1⁄4	4	1 1⁄4	15	10	1 5⁄8	1⁄2	8	9 1⁄4	9 3⁄8	12	8	25 5⁄8	3⁄8	13	2	16.0
5	48		2 1⁄4	3⁄4	1	19 1⁄4	10 3⁄4	17 3⁄8	7⁄8	30	2 1⁄4	4	1 1⁄4	15	10	1 5⁄8	1⁄2	8	9 1⁄4	9 3⁄8	12	8	25 5⁄8	3⁄8	13	2	16.0

STANDARD SIGN

W3-5

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R. Rauch
for State Traffic Engineer

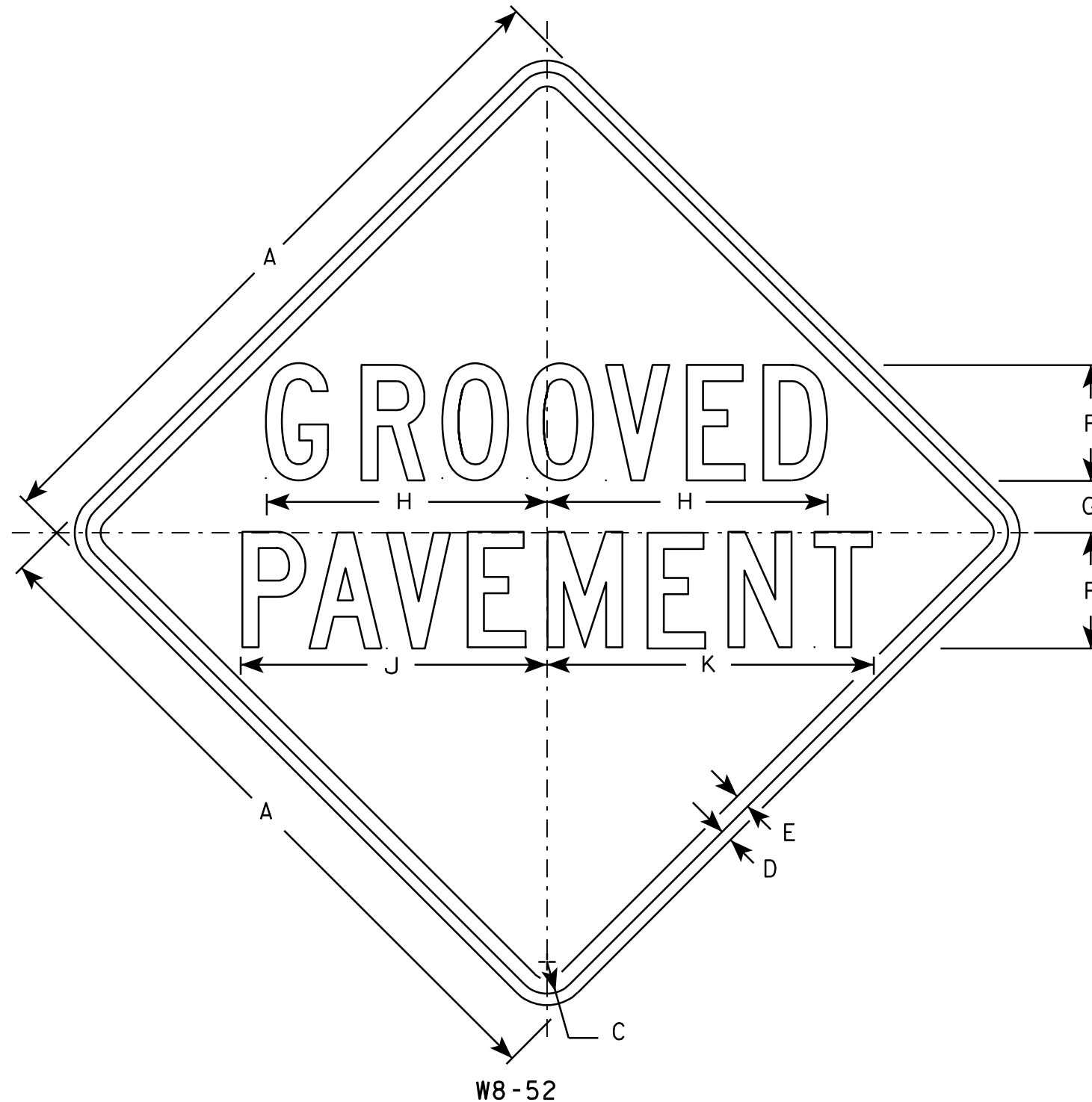
DATE 5/29/12

PLATE NO. W3-5.5

PROJECT NO:

SHEET NO:

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 - 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	30		1 3/8	1/2	5/8	5	2 1/4	12 1/8		13 1/4	14 1/8																6.25
2M	36		1 5/8	5/8	3/4	6	2 5/8	14 1/2		15 7/8	17																9.0
3	36		1 5/8	5/8	3/4	6	2 5/8	14 1/2		15 7/8	17																9.0
4	36		1 5/8	5/8	3/4	6	2 5/8	14 1/2		15 7/8	17																9.0
5	48		2 1/4	3/4	1	8	3 1/2	19 3/8		21 1/4	22 5/8																16.0

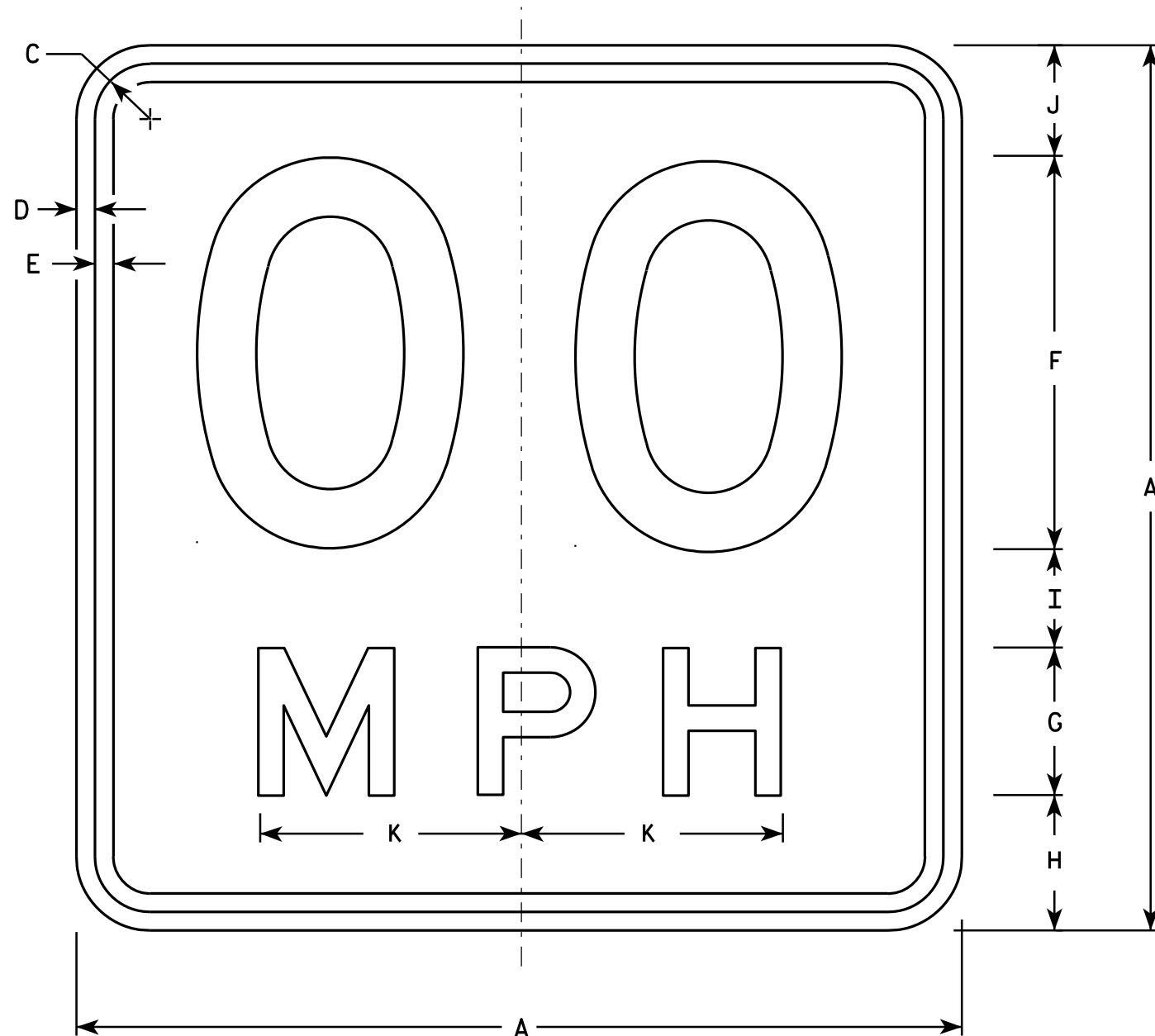
STANDARD SIGN W8-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
for State Traffic Engineer

DATE 03/14/13 PLATE NO. W8-52.8

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
Message - Black
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. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
Line 2 is Series E

W13-1

- * For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 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	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
* 2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN

W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

PROJECT NO:

HWY:

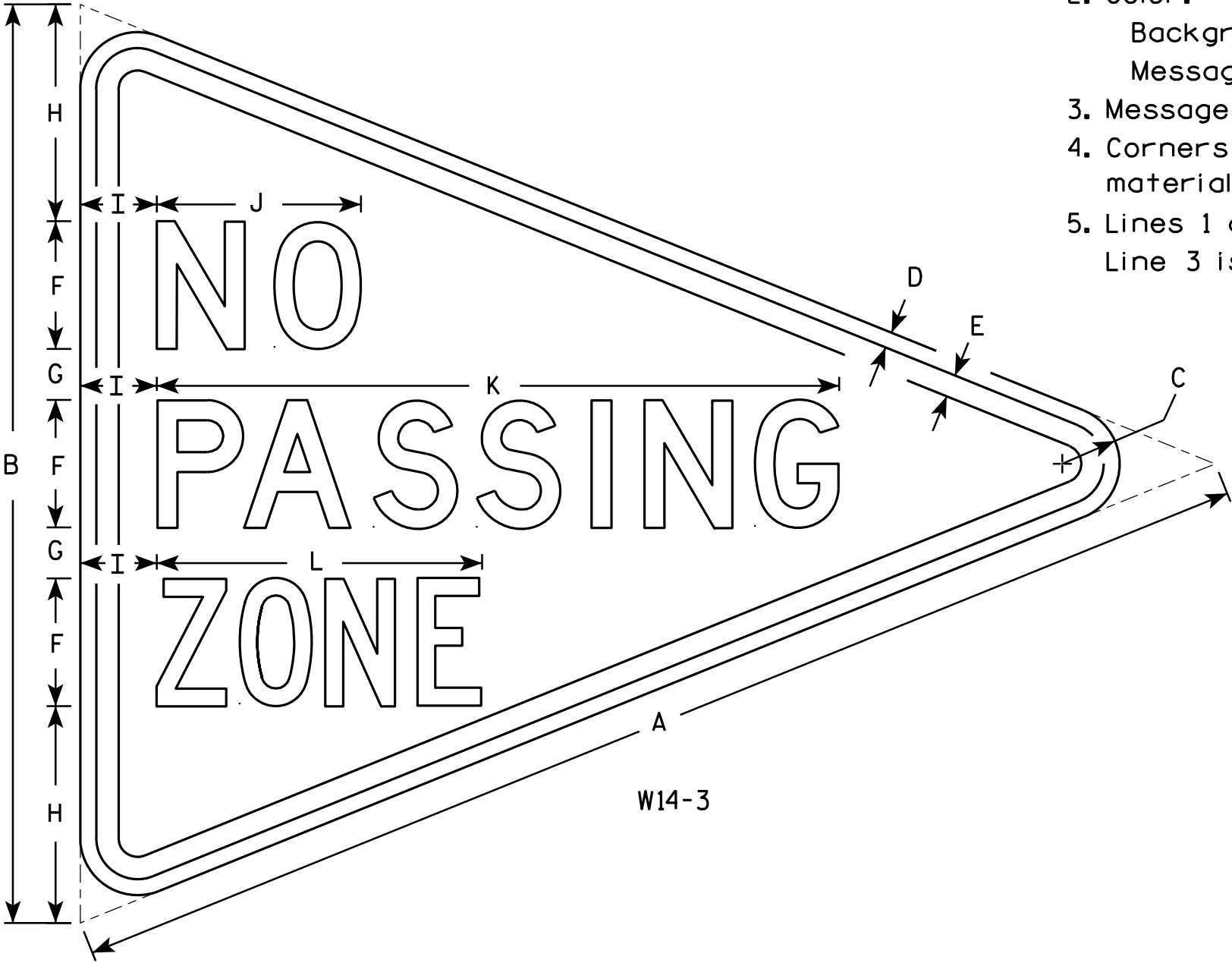
COUNTY:

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
Message - Black
- 3. Message Series - See note 5
- 4. Corners and borders shall be rounded on all base materials for this sign.
- 5. Lines 1 and 2 are Series D.
Line 3 is series C.



W14-3

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

STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

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

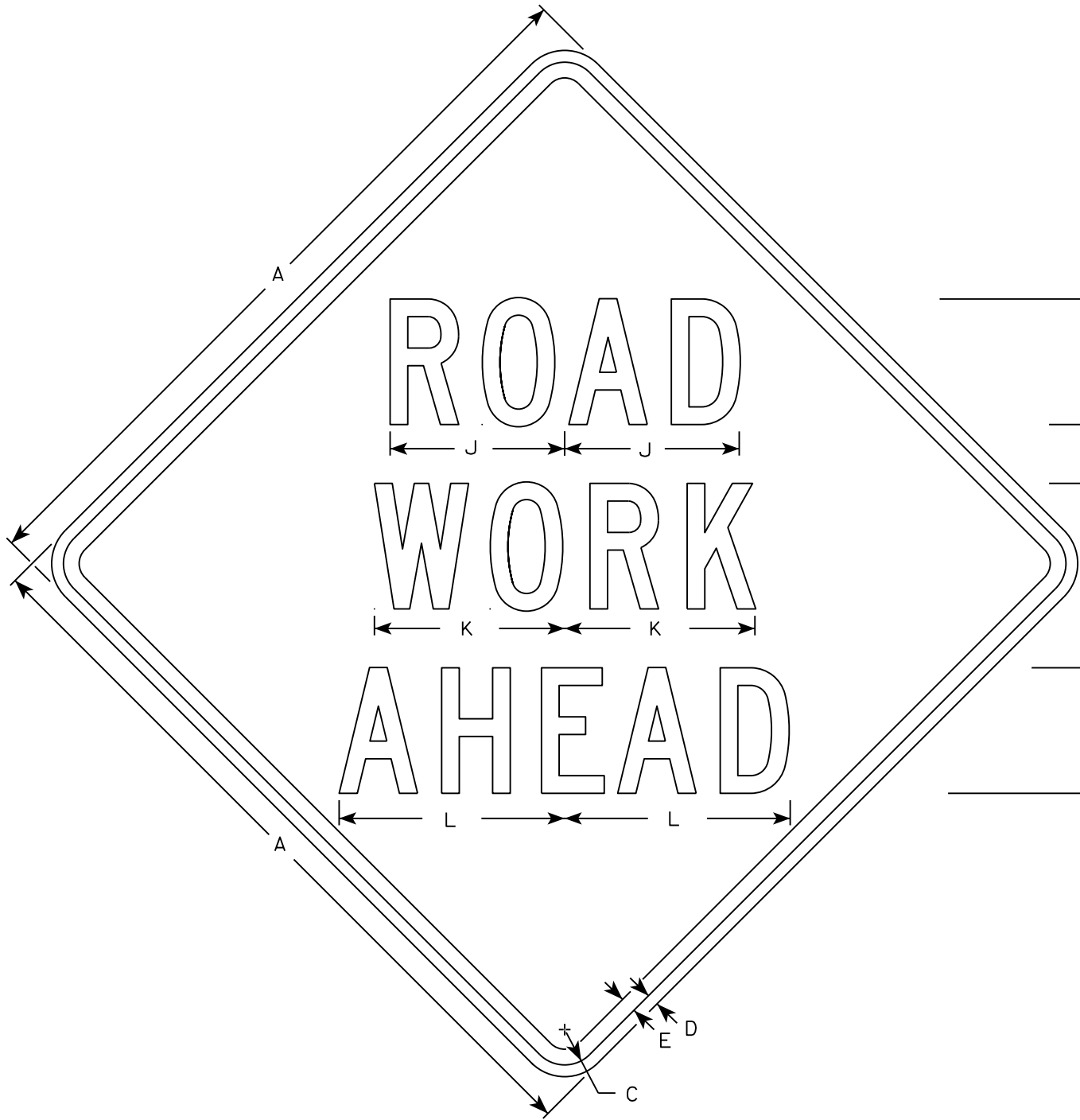
PROJECT NO:

HWY:

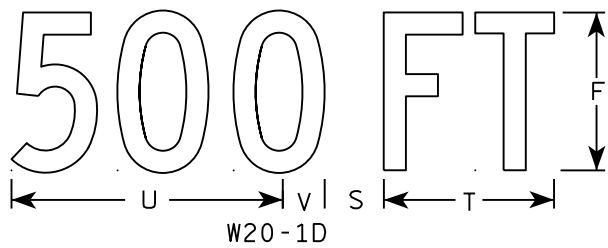
COUNTY:

SHEET NO:

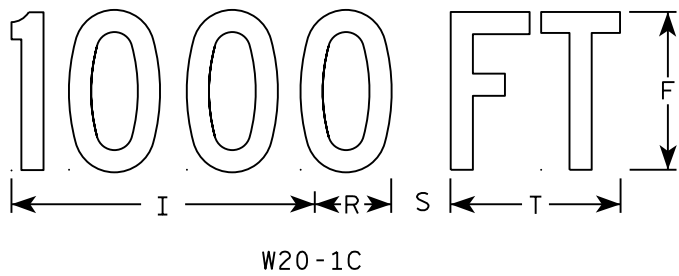
E



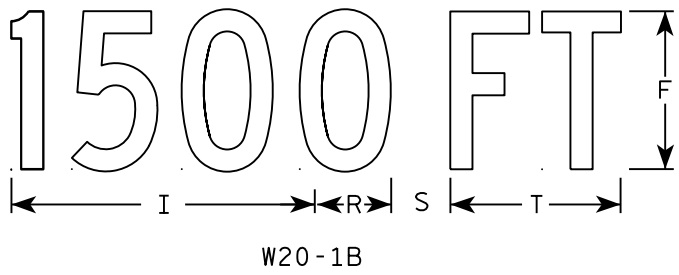
W20-1A



W20-1D



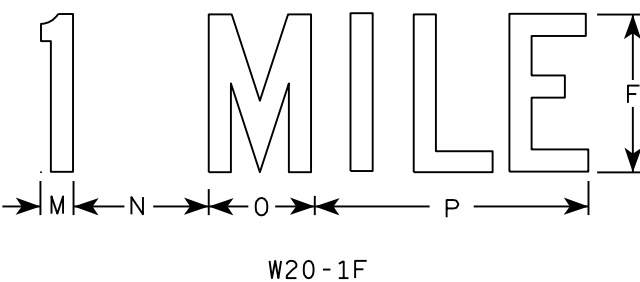
W20-1C



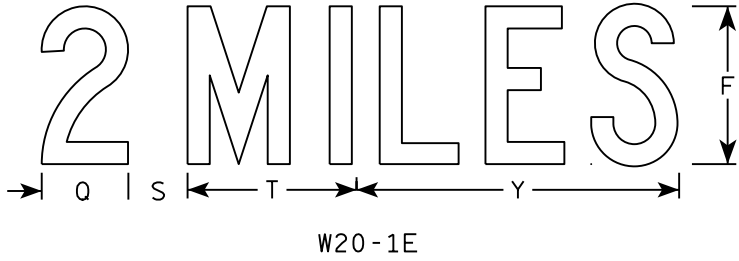
W20-1B



W20-1G



W20-1F



W20-1E

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
Background - Orange
Message - Black
- 3. Message Series - C
- 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

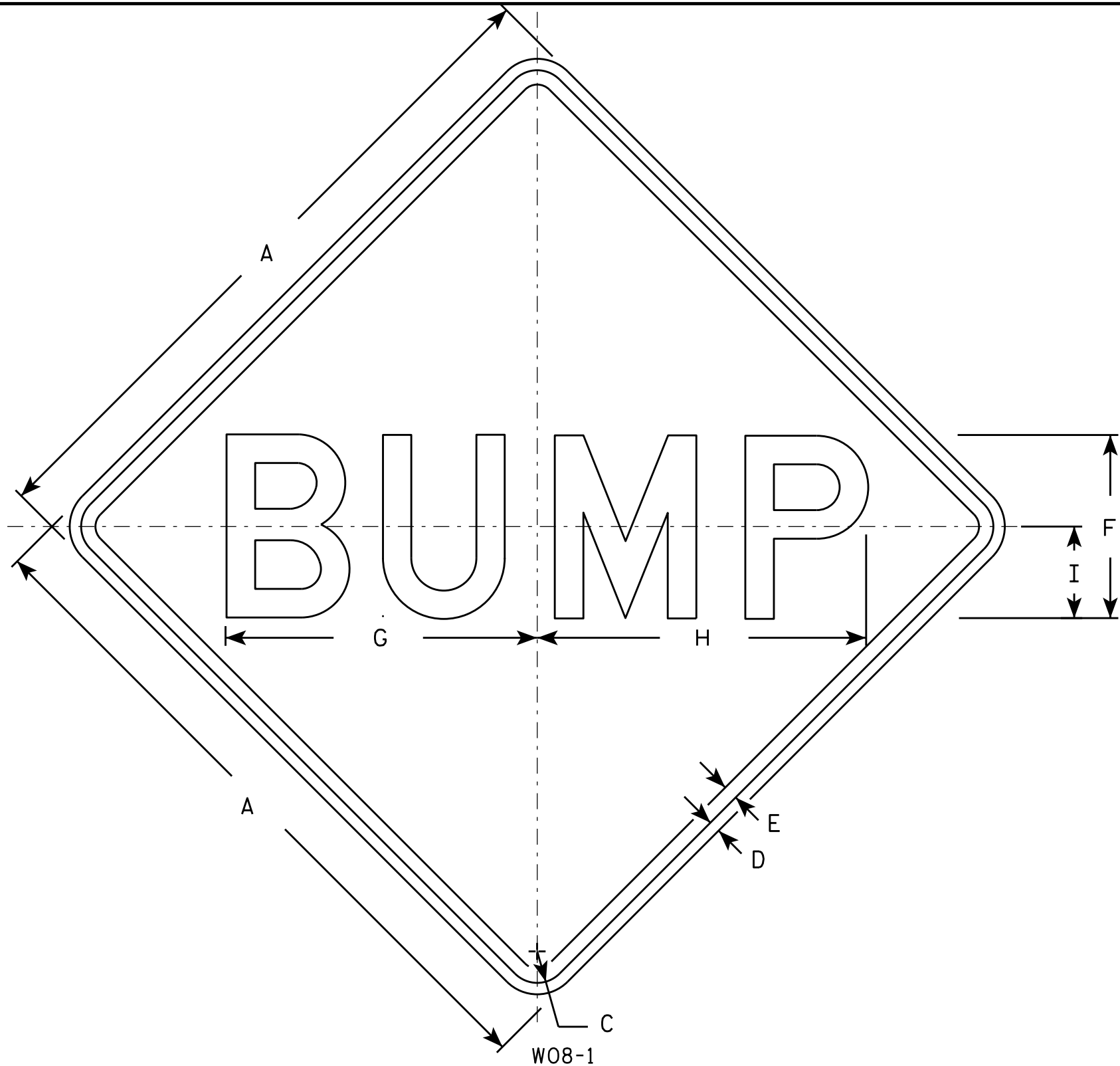
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 3/8	1/2	5/8	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9		2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		2 1/4	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13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

STANDARD SIGN
W20-1A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/07/15 PLATE NO. W20-1.10



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.

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		1 5/8	5/8	3/4	10	16 7/8	17 7/8	5																		9.0
2S	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
2M	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
3	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
4	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0
5	48		2 1/4	3/4	1	12	20 3/8	21 5/8	6																		16.0

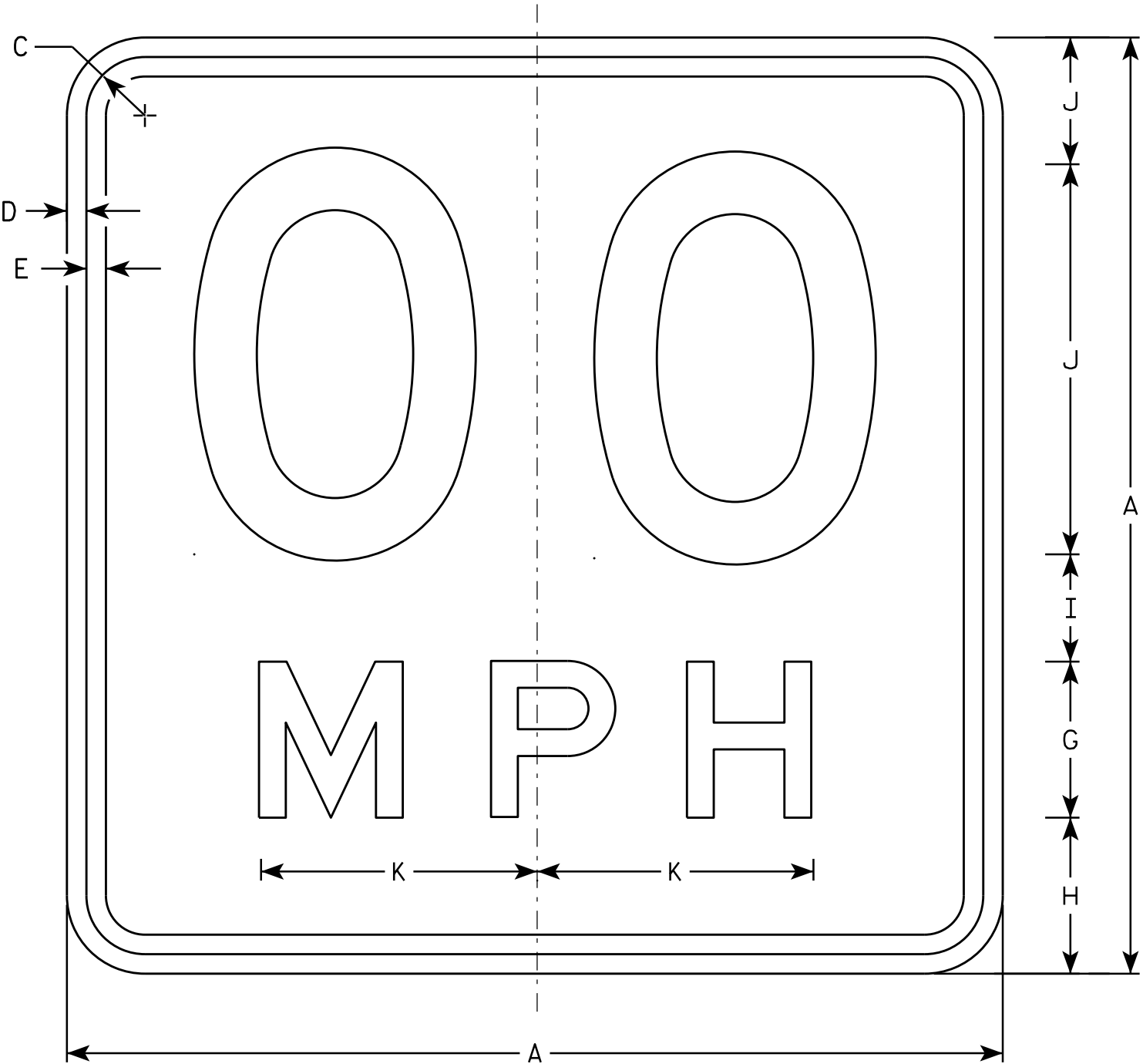
STANDARD SIGN

W08 - 1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/20/13 PLATE NO. W08-1.1



W013-1

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Orange
Message - Black
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. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
Line 2 is Series E

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	10	4	4	2 3/4	3 1/4	7 1/8																4.00
2S	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
2M	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
3	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN
W013-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED
Matthew R. Rauch
For State Traffic Engineer

DATE 11/21/13 PLATE NO. W013-1.1

PROJECT NO:

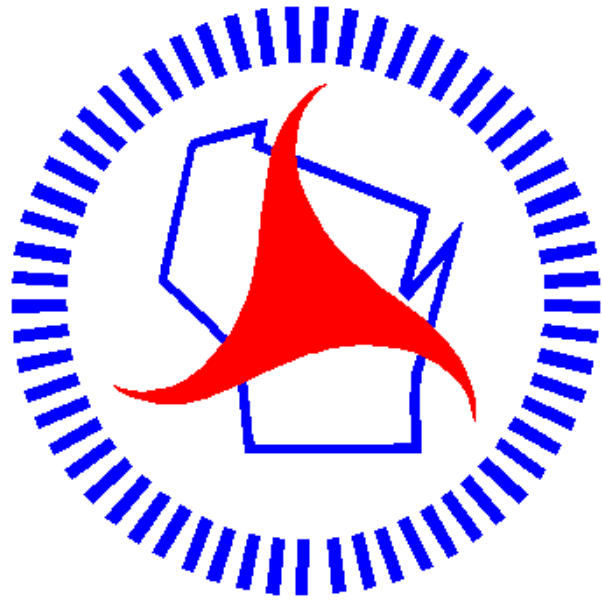
HWY:

COUNTY:

SHEET NO:

E

Notes



Wisconsin Department of Transportation

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through innovation and exceptional service.

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